BCDC YOUTH DETENTION CENTER

AT THE

BALTIMORE CITY DETENTION CENTER

IN THE

DIVISION OF PRETRIAL DETENTION AND SERVICES (DPDS)
DPSCS CONTRACT NO. : KT-000-150-C01

BIDDING DOCUMENTS
FEBRUARY 05, 2015
VOLUME 1 OF 2

STATE OF MARYLAND

BOARD OF PUBLIC WORKS

LARRY HOGAN, GOVERNOR
PETER FRANCHOT, COMPTROLLER
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DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES

STEPHEN MOYER, SECRETARY
DAVID N. BEZANSON, ASSISTANT SECRETARY
6776 REISTERSTOWN RD., SUITE 201
BALTIMORE, MD. 21215

APPROVAL:

DEPARTMENT OF PUBLIC SAFETY AND CORRECTION SERVICES APPROVAL

Benedict Sestrunk — 2/5/2015
ASSIST. DIRECTOR, DESIGN — DATE

Carl R. Lazenow — 2/5/2015
DIRECTOR, DCCFM — DATE

JOINT VENTURE ARCHITECT

(PSA-DEWBERRY + PENZA BAILEY ARCHITECTS)

ARCHITECT 13814 — JAMES L. BEIGHT — STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST O FMY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814. EXPIRATION DATE 03/28/2015.

PSA-DEWBERRY

401 SW WATER STREET
SUITE 701
PEORIA, IL 61602-1530

309.282.8000
309.282.8001 fax

ARCHITECTURAL REGISTRATION BOARD 6928-R — DANIEL LEROY BAILEY — STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST O FMY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 6928-R. EXPIRATION DATE 01/16/2016.

PENZA BAILEY ARCHITECTS

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SURVEYING

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3106 LORD BALTIMORE DR.
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BALTIMORE, MD. 21244

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CIVIL

STATE OF MARYLAND — EDWARD W. MOTT — No. 29993 — PROFESSIONAL ENGINEER

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDE RTHE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 18565, EXPIRATION DATE 01/19/2016.

EBA ENGINEERING

4813 SETON DRIVE
BALTIMORE, MD. 21215

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410.358.7213 fax

STRUCTURAL

STATE OF MARYLAND — Hope Furrer — No. 10976 — PROFESSIONAL ENGINEER

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDE RTHE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 10976, EXPIRATION DATE 06/09/2016.

HOPE FURRER ASSOCIATES

501 FAIRMOUNT AVE.
SUITE 205
TOWSON, MD. 21286

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FOOD SERVICE/ LAUNDRY

R & R DESIGNER, INC.

5300 HOLMES RUN PARKWAY
SUITE 1006
ALEXANDRIA, VA. 22304

703.370.8613

STATE OF MARYLAND — GEORGE W. OTT — 43481 — PROFESSIONAL ENGINEER

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDE RTHE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 43481, EXPIRATION DATE 05/15/2015.

STATE OF MARYLAND — GEORGE W. SIDHU — 20469 — REGISTERED PROFESSIONAL ENGINEER

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDE RTHE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 20469, EXPIRATION DATE 06/03/2016.

MEP

SIDHU ASSOCIATES

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SECURITY TECHNOLOGY

STATE OF MARYLAND — TECHNICAL EXPERT

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDE RTHE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 31549, EXPIRATION DATE 03/14/2015.

PSA-DEWBERRY

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LEED CONSULTANT

TERRA LOGOS ECO ARCHITECTURE

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LEWICKI ESTIMATING SERVICES, INC

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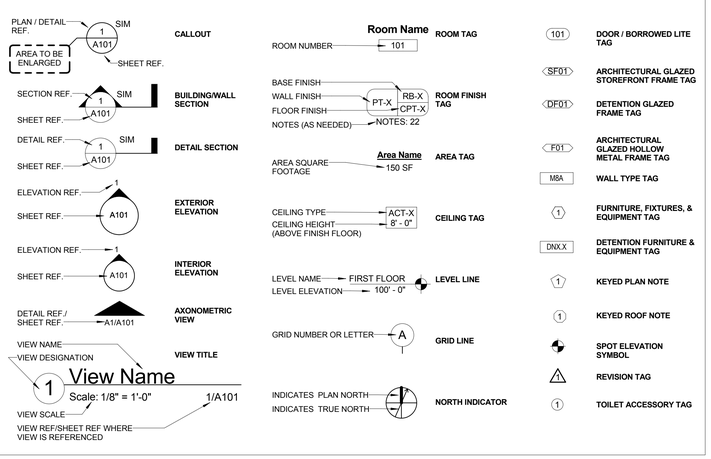
BALTIMORE, MD. 21230

410.680.6394

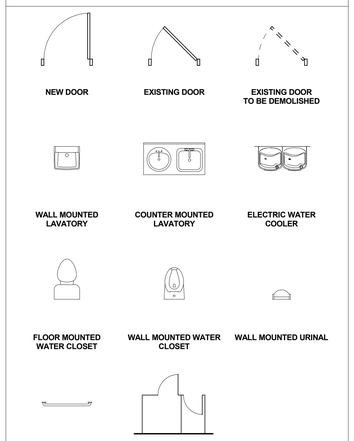
STANDARD ABBREVIATIONS

@	- AT
A B	- ANCHOR BOLT
ACOUS	- ACOUSTIC
ACT	- ACOUSTIC CEILING TILE
ADD'N	- ADDITION
ADDTL	- ADDITIONAL
ADJ	- ADJACENT
ADJT	- ADJUSTABLE
AFF	- ABOVE FINISH FLOOR
AL	- ALUMINUM
ALT	- ALTERNATE
ANCH	- ANCHOR
ANOD	- ANODIZED
AP	- ACCESS PANEL
APPROX	- APPROXIMATE
ASPH	- ASPHALT
AUTO	- AUTOMATIC
AVG	- AVERAGE
BAL SHT	- BALANCE SHEET
BD	- BOARD
BITUM	- BITUMINOUS / BITUMASTIC
BLDG	- BUILDING
BLK'G	- BLOCKING (WOOD)
BRG	- BEARING
BRK	- BRICK
BRK PV	- BRICK PAVERS
BRKT	- BRACKET
BSMT	- BASEMENT
BT STL PL	- BENT STEEL PLATE
BTM	- BOTTOM
BTWN	- BETWEEN
BUR	- BUILT UP ROOF(ING)
C	- CONTRACTOR
CAB	- CABINET
CB	- CHALK BOARD
C/C	- CONTRACTOR - PROVIDED (FURNISHED AND INSTALLED)
CG	- CORNER GUARD
CIPC	- CAST-IN-PLACE CONCRETE
CJ	- CONSTRUCTION / CONTRACTION JOINT
CLG	- CEILING
CLR	- CLEAR
CMT	- CERAMIC MOSAIC TILE
CMU	- CONCRETE MASONRY UNIT
CO	- CLEAN OUT
COL	- COLUMN
COMB	- COMBINATION
COMP	- COMPRESSIBLE
COMPT'D	- COMPACTED
CONC	- CONCRETE
COND	- CONDITION
CONT	- CONTINUOUS
CONTR	- CONTRACTOR
CORR	- CORRUGATED
CPT	- CARPET
CR	- COLD ROLLED
CRS	- COURSE(ING)
CT	- CERAMIC TILE
CTR	- COUNTER
CTS	- CENTER(S)
CUH	- CABINET UNIT HEATER
CUV	- CABINET UNIT VENTILATOR
D	- DEEP
DAP	- DETENTION ACCESS PANEL
DET	- DETENTION
DF	- DRINKING FOUNTAIN
DIA	- DIAMETER
DIM	- DIMENSION
DN	- DOWN
DNSP	- DOWNSPOUT
DR	- DOOR
DS	- DIVIDER SCREEN
DTL	- DETAIL
DWG'S	- DRAWINGS
EA	- EACH
EJ	- EXPANSION JOINT
EL	- ELEVATION
ELEC	- ELECTRIC / ELECTRICAL
ELEV	- ELEVATOR
EMBED	- EMBEDMENT
EMER	- EMERGENCY
EPDM	- ETHYLENE PROPYLENE DIENE MONOMER
EQ	- EQUAL
ES	- EDGE STRIP
EW	- EACH WAY
EWC	- ELECTRIC WATER COOLER
EWH	- ELECTRIC WATER HEATER
EXIST	- EXISTING
EXP	- EXPANSION
EXT	- EXTERIOR
FD	- FLOOR DRAIN
FDN	- FOUNDATION
FE	- FIRE EXTINGUISHER
FEC	- FIRE EXTINGUISHER CABINET
FFD	- FLUSHING FLOOR DRAIN
FHC	- FIRE HOSE CABINET
FIN	- FINISH
FLR	- FLOOR
FLSH'G	- FLASHING
FRP	- FIBER REINFORCED PLASTIC
FRSG	- FIRE RATED SAFETY GLAZING
FTG	- FOOTING
FUR CHNL	- FURRING CHANNEL
FURN	- FURNACE
GA	- GAUGE
GALV	- GALVANIZED
GC	- GENERAL CONTRACTOR
GL	- GLASS
GL BLK	- GLASS BLOCK
GMU	- GLAZED (CONCRETE) MASONRY UNIT
GT	- GLAZED TILE UNITS
GWH	- GAS WATER HEATER
GYP BD	- GYPSUM WALL BOARD
H	- HIGH
HB	- HOSE BIB
HDNR	- HARDENER
HD WD	- HARD WOOD
HDWRE	- HARDWARE
HGT	- HEIGHT
HM	- HOLLOW METAL
HORIZ	- HORIZONTAL
HTG	- HEATING
HVAC	- HEATING / VENTILATING / AIR CONDITIONING
ID	- INSIDE DIAMETER
IF	- INSIDE FACE
IN	- INCH
INCL	- INCLUDE(D)
INSUL	- INSULATION OR INSULATING
INT	- INTERIOR
INV	- INVERT
JT	- JOINT
KD	- KNOCK DOWN
KO	- KNOCK OUT (PANEL)
L	- LONG
LAM	- LAMINATE(D)
LAV	- LAVATORY
LGT	- LIGHT
LH	- LEFT HAND
LL	- LIVE LOAD
LLH	- LONG LEG HORIZONTAL
LLV	- LONG LEG VERTICAL
LVL	- LEVEL
LVR	- LOUVER
MASY	- MASONRY
MATL	- MATERIAL
MAX	- MAXIMUM
MB	- MACHINE BOLT
MECH	- MECHANICAL
MED	- MEDIUM
MEZZ	- MEZZANINE
MFR	- MANUFACTURER
MH	- MAN HOLE
MIN	- MINIMUM
MISC	- MISCELLANEOUS
MO	- MASONRY OPENING
MOD	- MODULAR
MSB	- MOP SERVICE BASIN (SINK)
MT(D)	- MOUNT(ED)
MTL	- METAL
NIC	- NOT IN CONTRACT
NO	- NUMBER
NOM	- NOMINAL
NTS	- NOT TO SCALE
O	- OWNER
OA	- OVERALL
OC	- ON CENTER
O/C	- OWNER FURNISHED, CONTRACTOR INSTALLED
OD	- OUTSIDE DIAMETER
OF	- OUTSIDE FACE
OH	- OVER HEAD
O/O	-OWNER PROVIDED (FURNISHED AND INSTALLED)
OPNG	- OPENING
OPP	- OPPOSITE
OPP HD	- OPPOSITE HAND
OVHD	- OVERHEAD
PAV'T	- PAVEMENT
PC	- PIECE
PCC	- PRECAST CONCRETE
PERI	- PERIMETER
PERM	- PERMANENT
PL	- PLATE
PLAM	- PLASTIC LAMINATE
PLB'G	- PLUMBING
PLYWD	- PLYWOOD
PSF	- POUNDS PER SQUARE FOOT
PSI	- POUNDS PER SQUARE INCH
PT	- PAINT
PTN	- PARTITION
PTD	- PAPER TOWEL DISPENSER
PVC	- POLYVINYL CHLORIDE
QT	- QUARRY TILE
R	- RISER
R OR RAD	- RADIUS
RD	- ROOF DRAIN
REF	- REFERENCE
REINF	- REINFORCING
REQ'D	- REQUIRED
RF	- RUBBER FLOORING
RFM	- REMOVABLE FLOOR MAT
RFG	- ROOFING
RH	- RIGHT HAND
RM	- ROOM
RO	- ROUGH OPENING
RTF	- RUBBER TILE FLOORING
SCHED	- SCHEDULE
SD	- SOAP DISPENSER
SEAL/HDNR	- SEALER/HARDENER
SEC	- SECTION
SF	- SQUARE FOOT
SG	- SAFETY GLAZING
SHT	- SHEET
SI	- SQUARE INCH
SIM	- SIMILAR
SK	- SINK
SLNT	- SEALANT
SOG	- SLAB ON GRADE
SPEC	- SPECIFICATION(S)
SPC'G	- SPACING
SPK'R	- SPEAKER
SQ	- SQUARE
SS	- STAINLESS STEEL
SSK	- SERVICE SINK
STN	- STAIN
STD	- STANDARD
STL	- STEEL
STRUCT	- STRUCTURAL OR STRUCTURE
SUSP	- SUSPENDED)
SVF	- SHEET VINYL FLOORING
SYM	SYMMETRICAL
SYN	- SYNTHETIC
T	- TREAD
T&G	- TONGUE AND GROOVE
T/B	- TOP OF BEAM
T/C	- TOP OF CURB
T/F	- TOP OF FOUNDATION
T/S	- TOP OF SLAB
T/STL	- TOP OF STEEL
T/W	- TOP OF WALL
TB	- TACK BOARD
TERR	- TERRAZZO
TH	- THICK
TOM	- TOP OF MASONRY
TR	- TOOL RESISTANT
TS	- TACK STRIP
TYP	- TYPICAL
UNO	- UNLESS NOTED OTHERWISE
VARN	- VARNISH
VCT	- VINYL COMPOSITION TILE
VERT	- VERTICAL
VWC	- VINYL WALL COVERING
W	- WIDE OR WIDTH
W/	- WITH
W/O	- WITHOUT
WD	- WOOD
WDN	- WINDOW
WGT	- WEIGHT
WP	- WATER PROOF
WWF	- WELDED WIRE FABRIC

STANDARD DETAILING SYMBOLS



STANDARD DRAFTING SYMBOLS



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FP0001	NOTES, SYMBOLS, DETAILS, & ABBREVIATIONS
FP0100	BASEMENT FLOOR PLAN - FIRE PROTECTION
FP0110	FIRST FLOOR PLAN - FIRE PROTECTION
FP110A	FIRST FLOOR PLAN - FIRE PROTECTION - AREA A
FP110B	FIRST FLOOR PLAN - FIRE PROTECTION - AREA B
FP0120	SECOND FLOOR PLAN - FIRE PROTECTION
FP120A	SECOND FLOOR PLAN - FIRE PROTECTION - AREA A
FP120B	SECOND FLOOR PLAN - FIRE PROTECTION - AREA B
FP0130	THIRD FLOOR AND MEZZ. PLAN - FIRE PROTECTION
PLUMBING	
PO001	NOTES, SYMBOLS AND ABBREVIATIONS
PD100	BASEMENT FLOOR PLAN - DEMOLITION - PLUMBING
PD110	FIRST FLOOR PLAN - DEMOLITION - PLUMBING
PD120	SECOND FLOOR PLAN - DEMOLITION - PLUMBING
PO100	BASEMENT FLOOR PLAN- PLUMBING
PO110	FIRST FLOOR PLAN - PLUMBING
P110A	FIRST FLOOR PLAN - DOMESTIC PLUMBING - AREA A
P110B	FIRST FLOOR PLAN - DOMESTIC PLUMBING - AREA B
P110K	FIRST FLOOR PLAN - DOMESTIC PLUMBING - KITCHEN
P111A	FIRST FLOOR PLAN - SANITARY PLUMBING - AREA A
P111B	FIRST FLOOR PLAN - SANITARY PLUMBING - AREA B
P111K	FIRST FLOOR PLAN - SANITARY PLUMBING - KITCHEN
PO120	SECOND FLOOR PLAN - PLUMBING
P120A	SECOND FLOOR PLAN - DOMESTIC PLUMBING - AREA A
P120B	SECOND FLOOR PLAN - DOMESTIC PLUMBING - AREA B
P121A	SECOND FLOOR PLAN - SANITARY PLUMBING - AREA A
P121B	SECOND FLOOR PLAN - SANITARY PLUMBING - AREA B
PO130	THIRD FLOOR AND MEZZ. PLAN - PLUMBING
P130A	THIRD FLOOR AND MEZZ. PLAN- DOMESTIC PLUMBING - AREA A
P131A	THIRD FLOOR AND MEZZ. PLAN - SANITARY PLUMBING - AREA A
P140A	ROOF PLAN - PLUMBING - AREA A
P140B	ROOF PLAN - PLUMBING - AREA B
PO150	PLUMBING - DETAILS
PO151	PLUMBING - DETAILS
PO160	PLUMBING SCHEDULES
PO180	PLUMBING - DOMESTIC WATER RISER DIAGRAM
PO181	PLUMBING - DOMESTIC WATER RISER DIAGRAM
PO182	PLUMBING - SANITARY RISER DIAGRAM
PO183	PLUMBING - SANITARY RISER DIAGRAM
PO184	PLUMBING - STROM DRAIN AND GAS RISER DIAGRAM
PO185	PLUMBING - REFRIGERANT RISER DIAGRAM
MECHANICAL	
MO001	NOTES, SYMBOLS AND ABBREVIATIONS
MD100	BASEMENT FLOOR PLAN - DEMOLITION - HVAC
MD110	FIRST FLOOR PLAN - DEMOLITION - HVAC
MD120	SECOND FLOOR PLAN - DEMOLITION - HVAC
MD140	ROOF PLAN - DEMOLITION - HVAC
MO100	BASEMENT FLOOR PLAN - HVAC MECHANICAL
MO110	FIRST FLOOR PLAN - MECHANICAL
MV110A	FIRST FLOOR PLAN - HVAC DUCTWORK - AREA A
MV110B	FIRST FLOOR PLAN - HVAC DUCTWORK - AREA B
MO120	SECOND FLOOR PLAN - MECHANICAL
MV120A	SECOND FLOOR PLAN - HVAC DUCTWORK - AREA A
MV120B	SECOND FLOOR PLAN - HVAC DUCTWORK - AREA B
MO130	THIRD FLOOR AND MEZZ. PLAN - MECHANICAL
MV130A	THIRD FLOOR AND MEZZ. PLAN - HVAC DUCTWORK - AREA A
MO140	ROOF PLAN - MECHANICAL
MV140A	ROOF PLAN - HVAC MECHANICAL - AREA A
MV140B	ROOF PLAN - HVAC MECHANICAL - AREA B
MO150	MECHANICAL - SECTIONS
MO151	MECHANICAL - SECTIONS
MO152	MECHANICAL - SECTIONS
MO160	MECHANICAL - DETAILS
MO161	MECHANICAL - DETAILS
MO170	MECHANICAL - SCHEDULES
MO171	MECHANICAL - SCHEDULES
MO180	MECHANICAL - AUTOMATIC CONTROL DIAGRAMS
MO181	MECHANICAL - AUTOMATIC CONTROL DIAGRAMS
MO182	MECHANICAL - AUTOMATIC CONTROL DIAGRAMS
ELECTRICAL	
EG000	ELECTRICAL LEGEND
ED100	BASEMENT LEVEL PLAN - DEMOLITION
ED110	MAIN LEVEL PLAN - DEMOLITION
ED120	SECOND LEVEL PLAN - DEMOLITION
ED121	THIRD LEVEL PLAN - DEMOLITION
EL100	BASEMENT LEVEL PLAN - LIGHTING
EL110	MAIN LEVEL PLAN - LIGHTING
EL110A	MAIN LEVEL PLAN - LIGHTING - AREA A
EL110B	MAIN LEVEL PLAN - LIGHTING - AREA B AND C
EL120	SECOND LEVEL PLAN - LIGHTING
EL120A	SECOND LEVEL PLAN - LIGHTING - AREA A
EL120B	SECOND LEVEL PLAN - LIGHTING - AREA B AND C
EL121	MEZZANINE LEVEL PLAN - LIGHTING - AREA A
EL130	THIRD LEVEL PLAN - LIGHTING
EP100	BASEMENT LEVEL PLAN - POWER
EP110	MAIN LEVEL PLAN - POWER
EP110A	MAIN LEVEL PLAN - POWER - AREA A
EP110B	MAIN LEVEL PLAN - POWER - AREA B AND C
EP120	SECOND LEVEL PLAN - POWER
EP120A	SECOND LEVEL PLAN - POWER - AREA A
EP120B	SECOND LEVEL PLAN - POWER - AREA B AND C
EP121	MEZZANINE LEVEL PLAN - POWER - AREA A
EP130	THIRD LEVEL PLAN - POWER
EP140	ROOF AND CLERESTORY PLAN - POWER
ES100	SITE PLAN ELECTRICAL UTILITIES
ES110	SITE PLAN ELECTRICAL UTILITIES - DETAILS
ES111	PART PLAN SITE / DORMATORY BUILDING
ES112	EXTERIOR ELEVATION
EY100	BASEMENT LEVEL PLAN - SYSTEMS
EY110	MAIN LEVEL PLAN - SYSTEMS
EY110A	MAIN LEVEL PLAN - SYSTEMS - AREA A
EY110B	MAIN LEVEL PLAN - SYSTEMS - AREA B AND C
EY120	SECOND LEVEL PLAN - SYSTEMS
EY120A	SECOND LEVEL PLAN - SYSTEMS - AREA A
EY120B	SECOND LEVEL PLAN - SYSTEMS - AREA B AND C
EY121	MEZZANINE LEVEL PLAN - SYSTEMS - AREA A
EY130	THIRD LEVEL PLAN - SYSTEMS - AREA A
EY131	THIRD LEVEL PLAN - SYSTEMS - AREA B AND C
E400	ELECTRICAL SINGLE-LINE DIAGRAM PART 1
E401	ELECTRICAL SINGLE-LINE DIAGRAM PART 2
E402	ELECTRICAL SINGLE-LINE DIAGRAM PART 3
E403	ELECTRICAL SINGLE-LINE DIAGRAM - DEMOLITION
E404	SECOND LEVEL SYSTEMS RISER DIAGRAMS
E405	FIRE ALARM RISER DIAGRAM
E406	F.A. GRAPHIC ANNUNCIATOR - PART 1
E407	F.A. GRAPHIC ANNUNCIATOR - PART 2
E408	ELECTRICAL DETAILS
E500	LIGHTING FIXTURE SCHEDULE
E530	PANELBOARD SCHEDULES
E531	PANELBOARD SCHEDULES
E532	PANELBOARD SCHEDULES
E533	PANELBOARD SCHEDULES
E534	PANELBOARD SCHEDULES
E535	PANELBOARD SCHEDULES
E536	PANELBOARD SCHEDULES
E537	PANELBOARD SCHEDULES
E538	PANELBOARD SCHEDULES
E539	PANELBOARD SCHEDULES
E540	PANELBOARD SCHEDULES
E541	SWITCHBOARD SCHEDULE
E542	LIGHTING RELAY PANEL SCHEDULES
TECHNOLOGY	
TY-001	SECURITY SYMBOL MATRIX
TY-002	SECURITY SYMBOL NOTES
TY-100	SECURITY - SITE PLAN
TY-110A	FIRST FLOOR PLAN AREA A - SECURITY
TY-110B	FIRST FLOOR PLAN AREA B - SECURITY
TY-120A	SECOND FLOOR PLAN AREA A - SECURITY
TY-120B	SECOND FLOOR PLAN AREA B - SECURITY
TY-130A	SECOND FLOOR PLAN & MEZZ PLAN - SECURITY
TY-130B	THIRD FLOOR PLAN - SECURITY
TY-140A	ROOF PLAN AREA A - SECURITY
TY-301	ENLARGED PLANS - S

KEY NOTES

1. INTUMESCENT FIREPROOFING AT ROOF DECK AND JOISTS OF HOUSING UNIT UPPER ROOFS (CLERESTORY AREA), & OTHER AREAS OF EXPOSED STRUCTURE ACCESSIBLE TO DETAINEES (NEW CONSTRUCTION ONLY).
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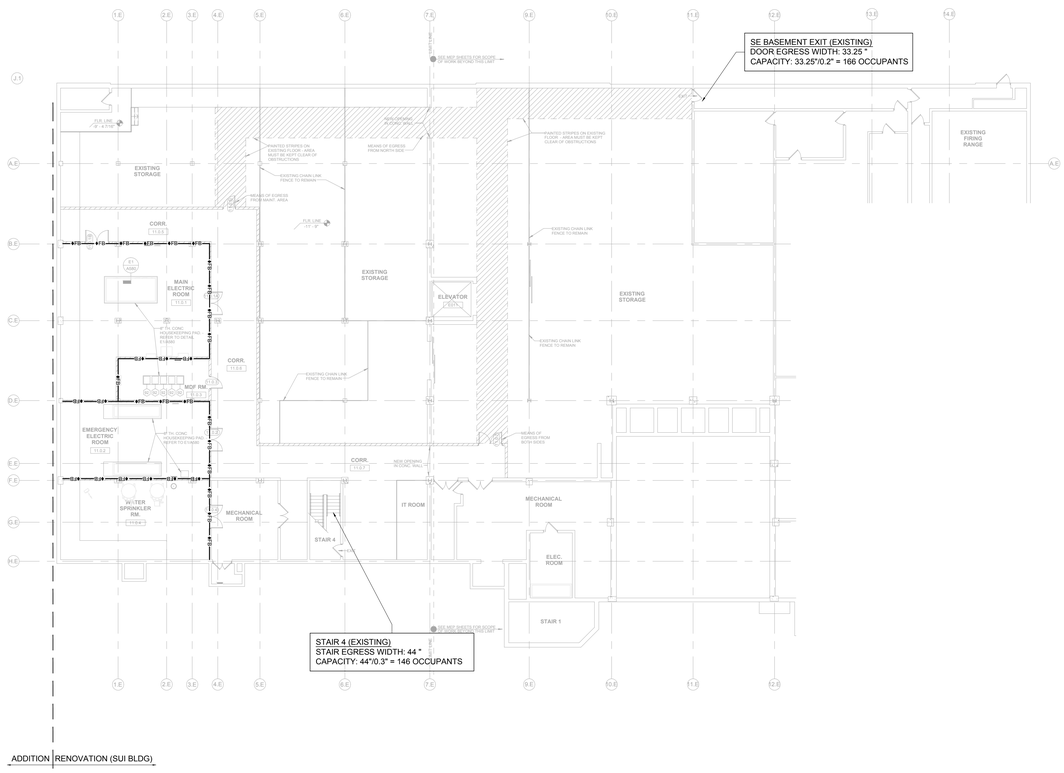
3. SPRAY FIRE-RESISTIVE MATERIAL AT COLUMNS AND BRACING IN CONCEALED AREAS OF GYMNASIUM WALLS.
4. SPRAY FIRE-RESISTIVE MATERIAL AT STRUCTURAL FRAME, ROOF FRAMING AND DECKING EXPOSED AT MECHANICAL ROOMS, ELEVATOR EQUIPMENT, & OTHER NON-DETAINEE AREAS, AND ABOVE CEILINGS OF OTHER SPACES (NEW CONSTRUCTION ONLY).

GENERAL NOTES

1. ALL PENETRATIONS THROUGH BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PROVIDED WITH AN APPROVED PROTECTION METHOD IN ACCORDANCE WITH SECTION 07 84 13 DESIGNED TO RESIST THE PASSAGE OF FIRE FOR A TIME PERIOD NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL, FLOOR OR ROOF IN WHICH IT IS INSTALLED.
2. ALL JOINTS MADE IN OR BETWEEN BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PROTECTED BY AN APPROVED FIRE-RESISTANT JOINT SYSTEM IN ACCORDANCE WITH SECTION 07 84 46 DESIGNED TO RESIST THE PASSAGE OF FIRE FOR A TIME PERIOD NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL, FLOOR OR ROOF IN OR BETWEEN WHICH IT IS INSTALLED.
3. AT NEW CONSTRUCTION (NOT APPLICABLE TO SUI BUILDING): ALL STRUCTURAL STEEL FRAME MEMBERS NOT ENCASED IN FIRE-RESISTANCE-RATED CONSTRUCTION, AND ALL ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS LESS THAN 20 FEET ABOVE THE FLOOR, SHALL BE HAVE APPLIED FIREPROOFING PROVIDING 1-HOUR FIRE-RESISTANCE-RATED PROTECTION.

LEGEND

- NON-RATED SMOKE-TIGHT PARTITION
- 1-HR FIRE-RESISTANCE-RATED SMOKE BARRIER
- 1-HR FIRE-RESISTANCE-RATED FIRE PARTITION
- 1-HR FIRE-RESISTANCE-RATED FIRE BARRIER
- 2-HR FIRE-RESISTANCE-RATED FIRE BARRIER
- FIRE SEPARATION LINE (PER IBC 702)
- EXIST. SEPARATION BETWEEN OSTC-OCCUPIED AREA OF SUI BLDG. & YDC
- (4) ROOM OCCUPANT LOAD
- (24) CUMULATIVE OCCUPANT LOAD
- PATH OF TRAVEL
- (83) EXIT OCCUPANT LOAD
- TRAVEL DISTANCE



1 G100 BASEMENT CODE SYNOPSIS PLAN
1/16" = 1'-0"

N NORTH
0' 8' 16' 32'

APPLICABLE CODES

Building Code:	IBC (2012) IEBC (2012)
Fire Code:	NFPA 101 (2012) (Life Safety Code) NFPA 1 (2012) (Fire Code)
Mechanical Code:	IMC (2012)
Plumbing Code:	NSPC (2012)
Electrical Code:	NED (2011)
Energy Standard:	ASHRAE 90.1 (2010)
Elevator Safety Code:	IBC 2012 in addition to DLLR Requirements
Accessibility Code:	Maryland Accessibility Code (2012)
Energy Conservation Code:	IECC (2012)

ENERGY CODE DATA

BUILDING ENVELOPE REQUIREMENTS PER IECC

Opaque Assemblies	Req'd U-factor	Req'd R-Value	Provided
Roofs			
Insulation entirely above deck		R-25	R-30 min. (metal) R-25 min. (TPO)
Attic (below exterior slabs)		R-38	R-38
Walls			
Mass (new construction)		R-9.5ci	R-12.6 ci (new)
Mass (existing building)	N/A	N/A	U-0.58 (exist)
Metal Framed		R-13+R-7.5ci	R-23+-R-8.4ci
Slab on Grade			
Unheated slab		R-10ci	R-10ci

Fenestration	Req'd U-factor	Req'd SHGC	Provided
Doors			
Entrance door (glazed)	U-0.77		U-0.57
Vertical Fenestration			
Fixed Fenestration			
Detention windows	U-0.38		U-0.22
Aluminum storefront	U-0.38		U-0.39
SHGC:		0.40	0.35
Skylights	U-0.50		U-0.39
SHGC		0.40	0.27

BUILDING CODE DATA

NFPA 101 LIFE SAFETY CODE, 2012 (unless noted otherwise; references to IBC are to IBC 2012).

Occupancy Classification

Chapter 22: New Detention and Correctional Occupancies
Classification: Use Condition IV, Impeded Egress

Group I-3 (IBC 308.5), Condition 4 (IBC 308.5)

Mixed Occupancies (IBC 508.3): Business areas (outside the secure area) considered under the provisions of 508.2.1 for an accessory occupancy, no separation of occupancies required.

General Building Heights and Areas (IBC Chapter 5)

COMAR deletes reference to NFPA 5000 Building Construction and Safety Code and substitutes the building code adopted by the Authority Having Jurisdiction (Maryland Building Performance Standards adopt IBC 2012).

Allowable Buildings Heights and Areas (IBC Table 504)
Existing 2-story SUI building provides equivalent of Type IIB construction; proposed 3-story addition is of Type IIA construction

Occupancy Group	ADDITION IIA Type Construction	EXISTING IIB Type Construction
I-3	2 stories, 65' height 15,000 SF	1 story, 55' height 10,000 SF

Automatic Sprinkler Height Increase (IBC 504.2): Allows increase in max. ht. by 20' and max. number of stories by 1

Building Area Modifications (IBC 506)

Building area in Table 503 may be increased to frontage and automatic sprinkler protection as follows:

Aa + {At + [At x If} + [At x Is]}

Aa = allowable building area (SF) per story
At = tabular building area per story per Table 503
If = area increase factor due to frontage calculated per 506.2
Is = area increase factor due to sprinkler protection calculated per 506.3

506.2 Frontage increase: Allowed for a building has more than 25% of its perimeter on a public way or open space having a width of not less than 20 feet.

If = [F/P - 0.25] W/30

If = area increase factor due to frontage
F = Building perimeter fronting public way or open space ≥ 20 feet wide
P = Perimeter of entire building
W = Width of public way or open space

506.3 Automatic sprinkler system increase: Allows building area limitation from Table 503 to be increased by an additional 200 percent for buildings with more than one story above grade plane.

Existing SUI building (area renovated for YDC plus area occupied by OSTC program):
Allowable frontage increase:
If = [713/838 - 0.25] 30/30 = 0.60
Allowable Area (Type IIB):
Aa = {10,000 + [10,000 x 0.60] + [10,000 x 2]} = 36,000

Existing area of largest floor (2nd floor) 33,804 SF

Addition:
Allowable frontage increase:
Not calculated because not needed
Allowable Area (Type IIA)
Aa = {15,000 + [15,000 x 2]} = 45,000 SF

Largest floor (2nd floor): 25,460 SF

Incidental Uses (IBC 509)

IBC Table 509 Hazardous Area Protection

Room or Area	Separation and/or Protection
Rooms w/ boilers where largest equip. >15 psi & 10 hp	1 hour or automatic sprinkler
Refrigerant machinery room	1 hour or automatic sprinkler
Laundry rooms over 100 SF	1 hour or automatic sprinkler
Group I-3 cells equipped with padded surfaces	1 hour
Waste and linen collection rooms over 100 SF	1 hour

Protection from Hazards

Table 22.3.2.1 Hazardous Area Protection

Hazardous Area Description	Separation/Protection
Boiler and fuel-fired heater rooms	1 hour
Central or bulk laundries >100 SF	1 hour
Commercial cooking equipment	In accordance with 9.2.3
Commissaries	Smoke resistant
Employee locker rooms	Smoke resistant
Hobby/handicraft shops	Smoke resistant
Maintenance shops	Smoke resistant
Soiled linen rooms	1 hour
Storage rooms >50 SF in area but ≤100 SF in area storing combustible materials	Smoke resistant
Storage rooms >100 SF storing combustible materials	1 hour
Trash collection rooms	1 hour

Type of Construction (IBC Chapter 6)

Fire-Resistance Rating Requirements for Building Elements (in hours) (IBC Table 601)

Building Element	IIA: Rating Req'd	IIB: Rating Req'd	Notes
Structural Frame	1	0	
Bearing Walls			
Exterior	1	0	not < Table 602 req'ts.
Interior	1	0	
Nonbearing Walls			
Exterior	see Table 602	see Table 602	
Interior	0	0	not < req'd by other code sections
Floor construction	1	0	
Roof construction	1	0	rating not required for roof framing and decking ≥ 20' above floor below

Fire-Resistance Rating Requirements (in hours) for Exterior Walls Based on Fire Separation Distance (feet) for Types IIA & IIB Construction , Occupancy Classification I-3 (IBC Table 602):

Fire Separation Distance (X)	Type of Construction	Rating Req'd
X > 5	both	1
5 ≤ X< 10	both	1
10 ≤X< 30	IIA	1
	IIB	0
X ≥ 30	both	0

Fire-Resistance-Rated Construction (IBC Chapter 7)

Definitions (IBC 702)

Fire Separation Distance (as defined in Chapter 2): the distance measured from the building face to one of the following:
1. The closest interior lot line;
2. The centerline of a street, an alley or public way; or
3. An imaginary line between two buildings on the property. (The imaginary line can be located anywhere between the two buildings, but once established the location of the line applies to both buildings and cannot be revised.)

Exterior Walls (IBC 705)

Fire-resistance rating (IBC 705.5): Rate exterior walls in accordance with Tables 601 and 602. Rate for exposure from the inside with fire separation distance > 10 feet. Rate for exposure from both sides with fire separation distance ≤ 10 feet.
Allowable area of openings (IBC 705.8.1): Maximum area of unprotected or protected openings in an exterior wall shall not exceed the values set forth in Table 705.8.
Automatic sprinkler system (IBC 704.8.1): With sprinkler system: maximum area of unprotected openings shall be the same as limitations for protected openings. *No limit on area of openings for fire separation distance > 20 feet*.

Maximum Area of Exterior Wall Openings (IBC Table 705.8):

Degree of Op'g Protection	X<3	Fire Separation Distance 3<X≤5	5<X≤10	10<X≤15	15<X≤20	20<X
Protected	Not permitted	15%	25%	45%	75%	No limit
Unprotected	Not permitted	15%	25%	45%	75%	No limit

Smoke Barriers (IBC 709)

Smoke barriers require 1-hour fire-resistance rating (IBC 709.3).
Openings: protect in accordance with Section 716 (IBC 709.5).
Penetrations: Comply with Section 714 (IBC 709.6).
Joints: Comply with Section 715 (IBC 709.7).
Ducts and air transfer openings: comply with Section 717 (IBC 709.8).

Shaft Enclosures

8.6.5 1 hour fire barrier where connecting 3 stories or fewer.
Fire-resistance rating: Not less than 1 hour fire barrier where connecting less than 4 stories, not less than fire-resistance rating of floor assembly penetrated (IBC 713.4).

Opening Protectives

Table 8.3.4.2 Minimum Fire Protection Ratings for Opening Protectives in Fire Resistance-Rated Assemblies (hours)

Component	Walls & Partitions	Fire Door Assemblies	Fire Window Assemblies
Elevator hoistways	2	1-1/2	NP
	1	1	NP
Vertical shafts	2	1-1/2	NP
(incl. stairways, exits, & refuse chutes)	1	1	NP
Fire barriers	2	1-1/2	NP
	1	3/4	3/4
	1/2	1/3	1/3
Horizontal exits	2	1-1/2	NP
Exit access corridors	1	1/3	3/4
Smoke barriers	1	1/3	1/3
Smoke partitions	1/2	1/3	1/3

Opening Fire Protection Assemblies, Ratings and Markings (IBC Table 716.5)

Type of Assembly	Required Assembly Rating (in hrs)	Min. Fire Door & Fire Shutter Assembly Ratings (in hrs)
Fire walls & barriers w/ > 1-hour rating	2	1-1/2
	1-1/2	1-1/2
Fire barriers w/ 1-hour rating		
Shaft, exit enclosure & exit passageways	1	1
Other fire barriers	1	3/4
Fire Partitions		
Corridor walls	1	1/3
Other fire partitions	1	3/4
Exterior Walls	1	3/4
Smoke Barriers	1	1/3

Occupant Loads

First Floor: 365
Second Floor: 354 (including occupants of upper housing tier)
Third Floor: 222

Fire Pumps (IBC 913)

Protection of fire pump rooms (IBC 913.2.1, Exception 1 for automatic sprinkler system): separate from all other areas of the building by 1-hour fire barriers or 1-hour horizontal assemblies, or both.

Means of Egress

Table 7.3.3.1 Capacity of Means of Egress
Stairways: 0.3 inches per person
Level components: 0.2 inches per person

7.4.1.1(2)Single means of egress permitted for a mezzanine or balcony where common path of travel limitations are met.

22.2.3.2 Aisles, corridors and ramps required for egress shall be not less than 48" in width

Arrangement

2.2.5.2 Dead end: 50' maximum in Condition IV.
22.2.5.3 Common path of travel: 100' maximum
22.2.6.2 Travel distance: 150' maximum from any room door required as an exit access and an exit
22.2.6.4 Travel distance: 200' maximum from any point in a room and an exit

Dead ends (IBC 1018.4): where more than one exit or exit access is req'd, no dead ends more than 20' in length.
Exceptions:
1. In I-3 Occupancies, dead end shall not exceed 50'.
3. Unlimited where length of dead is less than 2.5 times the least width of the dead end corridor.

Exit Access (IBC 1014)

Common path of egress travel: 100' maximum in I-3 Occupancy (IBC 1014.3).

Exit Access Travel Distance (IBC 1016)

200' maximum in I-3 Occupancy with sprinkler system (IBC Table 1016.1)

Exit Access Corridors

7.1.3.1 Exit Access Corridors: 1 hour fire rating where serving occupant load exceeding 30.
Corridor Fire-Resistance Rating: 1 hour in I-3 Occupancy with sprinkler system, for all occupant loads (IBC Table 1018.1).

Interior Exit Stairways and Ramps

7.1.3.2.1 Exits: 1 hour fire barrier where connecting 3 stories or less.
Construct as 1-hour fire barriers where connecting less than 4 stories (IBC 1022.2).

Horizontal Exits

22.2.2.5: Horizontal exits shall be permitted.
Horizontal exits permitted to comprise 100% of exits required for Group I-3 occupancies. At least 6 SF of space per occupant shall be provided on each side of the horizontal exit for the total number of people in adjoining compartments (IBC 1025.1, Exception 2).
Separation (IBC 1025.2) shall be provided by a fire wall, fire barrier or horizontal assembly; minimum fire-resistance rating of 2 hours.

Discharge from Exits

22.2.7.1: Exits shall be permitted to discharge into a fenced or walled courtyard, provided that not more than two walls of the courtyard are the building walls form which egress is being made.
22.2.7.2: Enclosed yard used for exit discharge shall accommodate all occupants at distance ≥ 50' from building, with net area of 15 SF per person.

Extinguishment Requirements

22.3.5.5(1) Provide Class I standpipe systems for any building 3 or more stories in height.

Subdivision of Building Spaces

22.3.7.1 Smoke barriers to divide every story used for sleeping by residents or stories having an occupant load of 50 or more into not less than 2 compartments.
22.3.7.3 Maximum residents in smoke compartment: 200
Max. distance to door in smoke barrier: 150' from room door, 200' from any point in room
22.3.7.7 Area per occupant on ea. side of smoke barrier for occupants in adjoining compartments: 6 SF

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION 6928-R DANIEL LEROY BAILEY STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.
Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

TITLE

BASEMENT CODE SYNOPSIS PLAN

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

G100

SHEET NO. XXX

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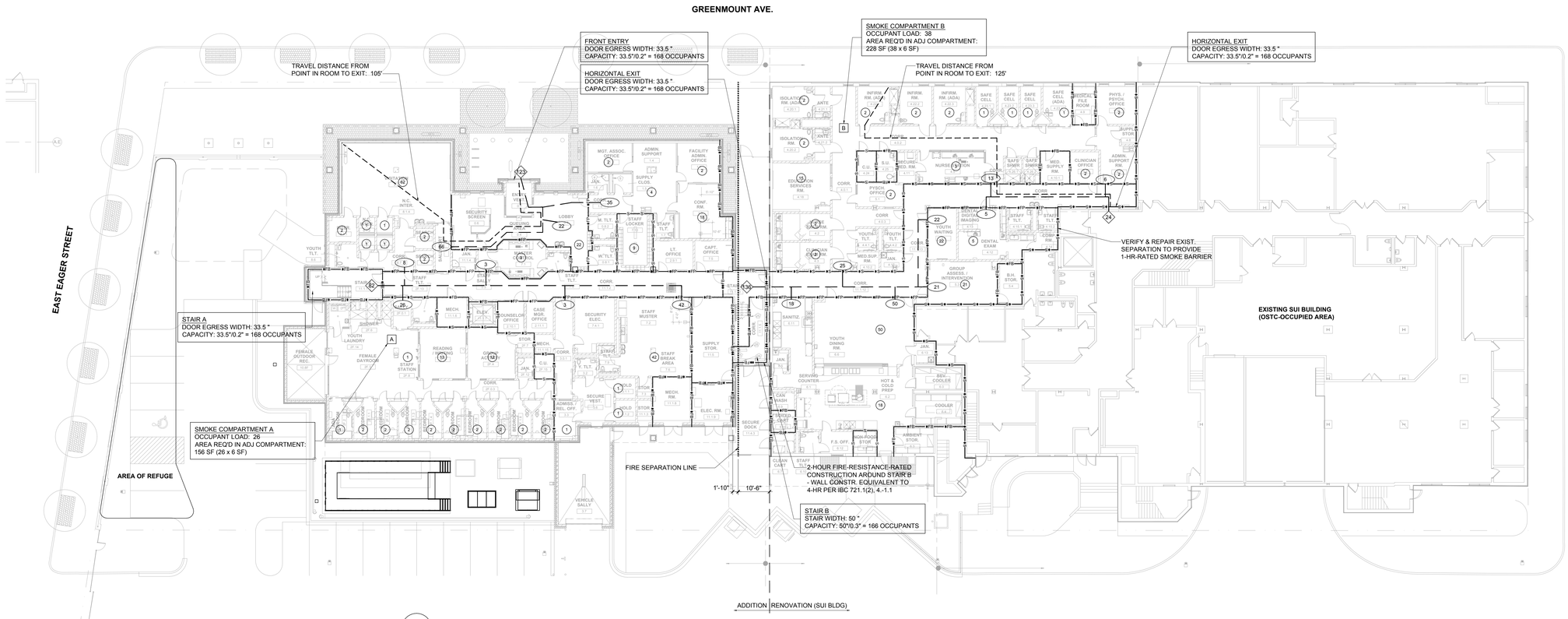
1. ALL PENETRATIONS THROUGH BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PROVIDED WITH AN APPROVED PROTECTION METHOD IN ACCORDANCE WITH SECTION 07 84 13 DESIGNED TO RESIST THE PASSAGE OF FIRE FOR A TIME PERIOD NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL, FLOOR OR ROOF IN WHICH IT IS INSTALLED.
2. ALL JOINTS MADE IN OR BETWEEN BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PROTECTED BY AN APPROVED FIRE-RESISTANT JOINT SYSTEM IN ACCORDANCE WITH SECTION 07 84 46 DESIGNED TO RESIST THE PASSAGE OF FIRE FOR A TIME PERIOD NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL, FLOOR OR ROOF IN OR BETWEEN WHICH IT IS INSTALLED.
3. AT NEW CONSTRUCTION (NOT APPLICABLE TO SUI BUILDING): ALL STRUCTURAL STEEL FRAME MEMBERS NOT ENCASED IN FIRE-RESISTANCE-RATED CONSTRUCTION, AND ALL ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS LESS THAN 20 FEET ABOVE THE FLOOR, SHALL BE HAVE APPLIED FIREPROOFING PROVIDING 1-HOUR FIRE-RESISTANCE-RATED PROTECTION.

LEGEND

- NON-RATED SMOKE-TIGHT PARTITION
- 1-HR FIRE-RESISTANCE-RATED SMOKE BARRIER
- 1-HR FIRE-RESISTANCE-RATED FIRE PARTITION
- 1-HR FIRE-RESISTANCE-RATED FIRE BARRIER
- 2-HR FIRE-RESISTANCE-RATED FIRE BARRIER
- FIRE SEPARATION LINE (PER IBC 702)
- EXIST. SEPARATION BETWEEN OSTC-OCCUPIED AREA OF SUI BLDG. & YDC
- ROOM OCCUPANT LOAD
- CUMULATIVE OCCUPANT LOAD
- PATH OF TRAVEL
- EXIT OCCUPANT LOAD
- TRAVEL DISTANCE



1 G110 FIRST FLOOR CODE SYNOPSIS PLAN
1/16" = 1'-0"

N NORTH

0' 8' 16' 32'

APPLICABLE CODES

Building Code:	IBC (2012) IEBC (2012)
Fire Code:	NFPA 101 (2012) (Life Safety Code) NFPA 1 (2012) (Fire Code)
Mechanical Code:	IMC (2012)
Plumbing Code:	NSPC (2012)
Electrical Code:	NED (2011)
Energy Standard:	ASHRAE 90.1 (2010)
Elevator Safety Code:	IBC 2012 in addition to DLLR Requirements
Accessibility Code:	Maryland Accessibility Code (2012)
Energy Conservation Code:	IECC (2012)

ENERGY CODE DATA

BUILDING ENVELOPE REQUIREMENTS PER IECC

Opaque Assemblies	Req'd U-factor	Req'd R-Value	Provided
Roofs			
Insulation entirely above deck		R-25	R-30 min. (metal) R-25 min. (TPO)
Attic (below exterior slabs)		R-38	R-38
Walls			
Mass (new construction)		R-9.5ci	R-12.6 ci (new)
Mass (existing building)	N/A	N/A	U-0.58 (exist)
Metal Framed		R-13+R-7.5ci	R-23+-R-8.4ci
Slab on Grade			
Unheated slab		R-10ci	R-10ci
Fenestration	**Req'd U-factor**	**Req'd SHGC**	**Provided**
Doors			
Entrance door (glazed)	U-0.77		U-0.57
Vertical Fenestration			
Fixed Fenestration			
Detention windows	U-0.38		U-0.22
Aluminum storefront	U-0.38		U-0.39
SHGC:		0.40	0.35
Skylights	U-0.50		U-0.39
SHGC		0.40	0.27

BUILDING CODE DATA

NFPA 101 LIFE SAFETY CODE, 2012 (unless noted otherwise; references to IBC are to IBC 2012).

Occupancy Classification

Chapter 22: New Detention and Correctional Occupancies
Classification: Use Condition IV, Impeded Egress

Group I-3 (IBC 308.5), Condition 4 (IBC 308.5)

Mixed Occupancies (IBC 508.3): Business areas (outside the secure area) considered under the provisions of 508.2.1 for an accessory occupancy, no separation of occupancies required.

General Building Heights and Areas (IBC Chapter 5)

COMAR deletes reference to NFPA 5000 Building Construction and Safety Code and substitutes the building code adopted by the Authority Having Jurisdiction (Maryland Building Performance Standards adopt IBC 2012).

Allowable Buildings Heights and Areas (IBC Table 504)
Existing 2-story SUI building provides equivalent of Type IIB construction; proposed 3-story addition is of Type IIA construction

Occupancy Group	ADDITION IIA Type Construction	EXISTING IIB Type Construction
I-3	2 stories, 65' height 15,000 SF	1 story, 55' height 10,000 SF

Automatic Sprinkler Height Increase (IBC 504.2): Allows increase in max. ht. by 20' and max. number of stories by 1

Building Area Modifications (IBC 506)

Building area in Table 503 may be increased to frontage and automatic sprinkler protection as follows:

$$Aa + \{At + [At \times If] + [At \times Is]\}$$

Aa = allowable building area (SF) per story
At = tabular building area per story per Table 503
If = area increase factor due to frontage calculated per 506.2
Is = area increase factor due to sprinkler protection calculated per 506.3

506.2 Frontage increase: Allowed for a building has more than 25% of its perimeter on a public way or open space having a width of not less than 20 feet.

$$If = [F/P - 0.25] W/30$$

If = area increase factor due to frontage
F = Building perimeter fronting public way or open space ≥ 20 feet wide
P = Perimeter of entire building
W = Width of public way or open space

506.3 Automatic sprinkler system increase: Allows building area limitation from Table 503 to be increased by an additional 200 percent for buildings with more than one story above grade plane.

Existing SUI building (area renovated for YDC plus area occupied by OSTC program):
Allowable frontage increase:
If = [713/838 - 0.25] 30/30 = 0.60
Allowable Area (Type IIB):
Aa = {10,000 + [10,000 x 0.60] + [10,000 x 2]} = 36,000

Existing area of largest floor (2nd floor) 33,804 SF

Addition:
Allowable frontage increase:
Not calculated because not needed
Allowable Area (Type IIA)
Aa = {15,000 + [15,000 x 2]} = 45,000 SF

Largest floor (2nd floor): 25,460 SF

Incidental Uses (IBC 509)

IBC Table 509 Hazardous Area Protection

Room or Area	Separation and/or Protection
Rooms w/ boilers where largest equip. >15 psi & 10 hp	1 hour or automatic sprinkler
Refrigerant machinery room	1 hour or automatic sprinkler
Laundry rooms over 100 SF	1 hour or automatic sprinkler
Group I-3 cells equipped with padded surfaces	1 hour
Waste and linen collection rooms over 100 SF	1 hour

Protection from Hazards

Table 22.3.2.1 Hazardous Area Protection

Hazardous Area Description	Separation/Protection
Boiler and fuel-fired heater rooms	1 hour
Central or bulk laundries >100 SF	1 hour
Commercial cooking equipment	In accordance with 9.2.3
Commissaries	Smoke resistant
Employee locker rooms	Smoke resistant
Hobby/handicraft shops	Smoke resistant
Maintenance shops	Smoke resistant
Soiled linen rooms	1 hour
Storage rooms >50 SF in area but ≤100 SF in area storing combustible materials	Smoke resistant
Storage rooms >100 SF storing combustible materials	1 hour
Trash collection rooms	1 hour

Type of Construction (IBC Chapter 6)

Fire-Resistance Rating Requirements for Building Elements (in hours) (IBC Table 601)

Building Element	IIA: Rating Req'd	IIB: Rating Req'd	Notes
Structural Frame	1	0	
Bearing Walls			
Exterior	1	0	not < Table 602 req'ts.
Interior	1	0	
Nonbearing Walls			
Exterior	see Table 602	see Table 602	
Interior	0	0	not < req'd by other code sections
Floor construction	1	0	
Roof construction	1	0	rating not required for roof framing and decking ≥ 20' above floor below

Fire-Resistance Rating Requirements (in hours) for Exterior Walls Based on Fire Separation Distance (feet) for Types IIA & IIB Construction , Occupancy Classification I-3 (IBC Table 602):

Fire Separation Distance (X)	Type of Construction	Rating Req'd
X > 5	both	1
5 ≤ X< 10	both	1
10 ≤X< 30	IIA	1
	IIB	0
X ≥ 30	both	0

Fire-Resistance-Rated Construction (IBC Chapter 7)

Definitions (IBC 702)

Fire Separation Distance (as defined in Chapter 2): the distance measured from the building face to one of the following:
1. The closest interior lot line;
2. The centerline of a street, an alley or public way; or
3. An imaginary line between two buildings on the property. (The imaginary line can be located anywhere between the two buildings, but once established the location of the line applies to both buildings and cannot be revised.)

Exterior Walls (IBC 705)

Fire-resistance rating (IBC 705.5): Rate exterior walls in accordance with Tables 601 and 602. Rate for exposure from the inside with fire separation distance > 10 feet. Rate for exposure from both sides with fire separation distance ≤ 10 feet.
Allowable area of openings (IBC 705.8.1): Maximum area of unprotected or protected openings in an exterior wall shall not exceed the values set forth in Table 705.8.
Automatic sprinkler system (IBC 704.8.1): With sprinkler system: maximum area of unprotected openings shall be the same as limitations for protected openings. *No limit on area of openings for fire separation distance > 20 feet*.

Maximum Area of Exterior Wall Openings (IBC Table 705.8):

Degree of Op'g Protection	X<3	3<X≤5	5<X≤10	10<X≤15	15<X≤20	20<X
		Fire Separation Distance				
Protected	Not permitted	15%	25%	45%	75%	No limit
Unprotected	Not permitted	15%	25%	45%	75%	No limit

Smoke Barriers (IBC 709)

Smoke barriers require 1-hour fire-resistance rating (IBC 709.3).
Openings: protect in accordance with Section 716 (IBC 709.5).
Penetrations: Comply with Section 714 (IBC 709.6).
Joints: Comply with Section 715 (IBC 709.7).
Ducts and air transfer openings: comply with Section 717 (IBC 709.8).

Shaft Enclosures

8.6.5 1 hour fire barrier where connecting 3 stories or fewer.
Fire-resistance rating: Not less than 1 hour fire barrier where connecting less than 4 stories, not less than fire-resistance rating of floor assembly penetrated (IBC 713.4).

Opening Protectives

Table 8.3.4.2 Minimum Fire Protection Ratings for Opening Protectives in Fire Resistance-Rated Assemblies (hours)

Component	Walls & Partitions	Fire Door Assemblies	Fire Window Assemblies
Elevator hoistways	2	1-1/2	NP
	1	1	NP
Vertical shafts	2	1-1/2	NP
(incl. stairways, exits, & refuge chutes)	1	1	NP
Fire barriers	2	1-1/2	NP
	1	3/4	3/4
	1/2	1/3	1/3
Horizontal exits	2	1-1/2	NP
Exit access corridors	1	1/3	3/4
Smoke barriers	1	1/3	1/3
Smoke partitions	1/2	1/3	1/3

Opening Fire Protection Assemblies, Ratings and Markings (IBC Table 716.5)

Type of Assembly	Required Assembly Rating (in hrs)	Min. Fire Door & Fire Shutter Assembly Ratings (in hrs)
Fire walls & barriers w/ > 1-hour rating	2	1-1/2
	1-1/2	1-1/2
Fire barriers w/ 1-hour rating		
Shaft, exit enclosure & exit passageways	1	1
Other fire barriers	1	3/4
Fire Partitions		
Corridor walls	1	1/3
Other fire partitions	1	3/4
Exterior Walls	1	3/4
Smoke Barriers	1	1/3

Occupant Loads

First Floor:	365
Second Floor:	354 (including occupants of upper housing tier)
Third Floor:	222

Fire Pumps (IBC 913)

Protection of fire pump rooms (IBC 913.2.1, Exception 1 for automatic sprinkler system): separate from all other areas of the building by 1-hour fire barriers or 1-hour horizontal assemblies, or both.

Means of Egress

Table 7.3.3.1 Capacity of Means of Egress
Stairways: 0.3 inches per person
Level components: 0.2 inches per person

7.4.1.1(2)Single means of egress permitted for a mezzanine or balcony where common path of travel limitations are met.

22.2.3.2 Aisles, corridors and ramps required for egress shall be not less than 48" in width

Arrangement

22.2.5.2 Dead end: 50' maximum in Condition IV.
22.2.5.3 Common path of travel: 100' maximum
22.2.6.2 Travel distance: 150' maximum from any room door required as an exit access and an exit
22.2.6.4 Travel distance: 200' maximum from any point in a room and an exit

Dead ends (IBC 1018.4): where more than one exit or exit access is req'd, no dead ends more than 20' in length.
Exceptions:
1. In I-3 Occupancies, dead end shall not exceed 50'.
3. Unlimited where length of dead is less than 2.5 times the least width of the dead end corridor.

Exit Access (IBC 1014)

Common path of egress travel: 100' maximum in I-3 Occupancy (IBC 1014.3).

Exit Access Travel Distance (IBC 1016)

200' maximum in I-3 Occupancy with sprinkler system (IBC Table 1016.1)

Exit Access Corridors

7.1.3.1 Exit Access Corridors: 1 hour fire rating where serving occupant load exceeding 30.
Corridor Fire-Resistance Rating: 1 hour in I-3 Occupancy with sprinkler system, for all occupant loads (IBC Table 1018.1).

Interior Exit Stairways and Ramps

7.1.3.2.1 Exits: 1 hour fire barrier where connecting 3 stories or less.
Construct as 1-hour fire barriers where connecting less than 4 stories (IBC 1022.2).

Horizontal Exits

22.2.2.5: Horizontal exits shall be permitted.
Horizontal exits permitted to comprise 100% of exits required for Group I-3 occupancies. At least 6 SF of space per occupant shall be provided on each side of the horizontal exit for the total number of people in adjoining compartments (IBC 1025.1, Exception 2).
Separation (IBC 1025.2) shall be provided by a fire wall, fire barrier or horizontal assembly; minimum fire-resistance rating of 2 hours.

Discharge from Exits

22.2.7.1: Exits shall be permitted to discharge into a fenced or walled courtyard, provided that not more than two walls of the courtyard are the building walls form which egress is being made.
22.2.7.2: Enclosed yard used for exit discharge shall accommodate all occupants at distance ≥ 50' from building, with net area of 15 SF per person.

Extinguishment Requirements

22.3.5.5(1) Provide Class I standpipe systems for any building 3 or more stories in height.

Subdivision of Building Spaces

22.3.7.1 Smoke barriers to divide every story used for sleeping by residents or stories having an occupant load of 50 or more into not less than 2 compartments.
22.3.7.3 Maximum residents in smoke compartment: 200
Max. distance to door in smoke barrier: 150' from room door, 200' from any point in room
22.3.7.7 Area per occupant on ea. side of smoke barrier for occupants in adjoining compartments: 6 SF

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION 6928-R DANIEL LEROY BAILEY STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.

Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

TITLE

FIRST FLOOR CODE SYNOPSIS PLAN

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

G110

SHEET NO. XXX

KEY NOTES

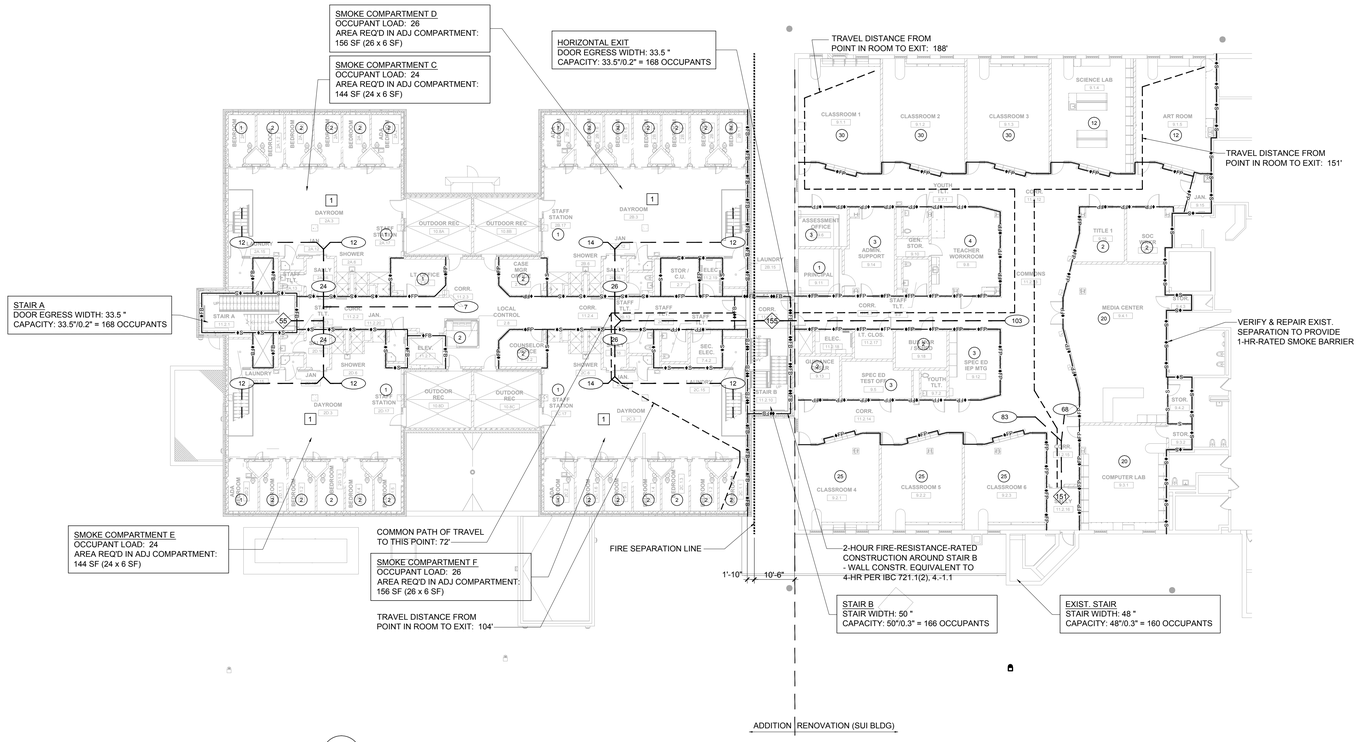
1. INTUMESCENT FIREPROOFING AT ROOF DECK AND JOISTS OF HOUSING UNIT UPPER ROOFS (CLERESTORY AREA), & OTHER AREAS OF EXPOSED STRUCTURE ACCESSIBLE TO DETAINEES (NEW CONSTRUCTION ONLY).
2. INTUMESCENT FIREPROOFING AT EXPOSED COLUMNS AND ROOF BEAMS OF GYMNASIUM. (ROOF JOISTS AND DECK ARE EXEMPTED FROM THE FIRE-PROTECTION REQUIREMENT AS THEY ARE NOT LESS THAN 20' ABOVE THE FLOOR.
3. SPRAY FIRE-RESISTIVE MATERIAL AT COLUMNS AND BRACING IN CONCEALED AREAS OF GYMNASIUM WALLS.
4. SPRAY FIRE-RESISTIVE MATERIAL AT STRUCTURAL FRAME, ROOF FRAMING AND DECKING EXPOSED AT MECHANICAL ROOMS, ELEVATOR EQUIPMENT, & OTHER NON-DETAINEE AREAS, AND ABOVE CEILINGS OF OTHER SPACES (NEW CONSTRUCTION ONLY).

GENERAL NOTES

1. ALL PENETRATIONS THROUGH BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PROVIDED WITH AN APPROVED PROTECTION METHOD IN ACCORDANCE WITH SECTION 07 84 13 DESIGNED TO RESIST THE PASSAGE OF FIRE FOR A TIME PERIOD NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL, FLOOR OR ROOF IN WHICH IT IS INSTALLED.
2. ALL JOINTS MADE IN OR BETWEEN BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PROTECTED BY AN APPROVED FIRE-RESISTANT JOINT SYSTEM IN ACCORDANCE WITH SECTION 07 84 46 DESIGNED TO RESIST THE PASSAGE OF FIRE FOR A TIME PERIOD NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL, FLOOR OR ROOF IN OR BETWEEN WHICH IT IS INSTALLED.
3. AT NEW CONSTRUCTION (NOT APPLICABLE TO SUI BUILDING): ALL STRUCTURAL STEEL FRAME MEMBERS NOT ENCASED IN FIRE-RESISTANCE-RATED CONSTRUCTION, AND ALL ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS LESS THAN 20 FEET ABOVE THE FLOOR, SHALL BE HAVE APPLIED FIREPROOFING PROVIDING 1-HOUR FIRE-RESISTANCE-RATED PROTECTION.

LEGEND

- NON-RATED SMOKE-TIGHT PARTITION
- 1-HR FIRE-RESISTANCE-RATED SMOKE BARRIER
- 1-HR FIRE-RESISTANCE-RATED FIRE PARTITION
- 1-HR FIRE-RESISTANCE-RATED FIRE BARRIER
- 2-HR FIRE-RESISTANCE-RATED FIRE BARRIER
- FIRE SEPARATION LINE (PER IBC 702)
- EXIST. SEPARATION BETWEEN OSTC-OCCUPIED AREA OF SUI BLDG. & YDC
- (4) ROOM OCCUPANT LOAD
- (24) CUMULATIVE OCCUPANT LOAD
- PATH OF TRAVEL
- (83) EXIT OCCUPANT LOAD
- TRAVEL DISTANCE



1 G120 SECOND FLOOR CODE SYNOPSIS PLAN
1/16" = 1'-0"

APPLICABLE CODES

Building Code:	IBC (2012) IEBC (2012)
Fire Code:	NFPA 101 (2012) (Life Safety Code) NFPA 1 (2012) (Fire Code)
Mechanical Code:	IMC (2012)
Plumbing Code:	NSPC (2012)
Electrical Code:	NED (2011)
Energy Standard:	ASHRAE 90.1 (2010)
Elevator Safety Code:	IBC 2012 in addition to DLLR Requirements
Accessibility Code:	Maryland Accessibility Code (2012)
Energy Conservation Code:	IECC (2012)

ENERGY CODE DATA

BUILDING ENVELOPE REQUIREMENTS PER IECC

Opaque Assemblies	Req'd U-factor	Req'd R-Value	Provided
Roofs			
Insulation entirely above deck		R-25	R-30 min. (metal) R-25 min. (TPO)
Attic (below exterior slabs)		R-38	R-38
Walls			
Mass (new construction)		R-9.5ci	R-12.6 ci (new)
Mass (existing building)	N/A	N/A	U-0.58 (exist)
Metal Framed		R-13+R-7.5ci	R-23+-R-8.4ci
Slab on Grade			
Unheated slab		R-10ci	R-10ci

Fenestration	Req'd U-factor	Req'd SHGC	Provided
Doors			
Entrance door (glazed)	U-0.77		U-0.57
Vertical Fenestration			
Fixed Fenestration			
Detention windows	U-0.38		U-0.22
Aluminum storefront	U-0.38		U-0.39
SHGC:		0.40	0.35
Skylights	U-0.50		U-0.39
SHGC		0.40	0.27

BUILDING CODE DATA

NFPA 101 LIFE SAFETY CODE, 2012 (unless noted otherwise; references to IBC are to IBC 2012).

Occupancy Classification

Chapter 22: New Detention and Correctional Occupancies
Classification: Use Condition IV, Impeded Egress

Group I-3 (IBC 308.5), Condition 4 (IBC 308.5)

Mixed Occupancies (IBC 508.3): Business areas (outside the secure area) considered under the provisions of 508.2.1 for an accessory occupancy, no separation of occupancies required.

General Building Heights and Areas (IBC Chapter 5)

COMAR deletes reference to NFPA 5000 Building Construction and Safety Code and substitutes the building code adopted by the Authority Having Jurisdiction (Maryland Building Performance Standards adopt IBC 2012).

Allowable Buildings Heights and Areas (IBC Table 504)
Existing 2-story SUI building provides equivalent of Type IIB construction; proposed 3-story addition is of Type IIA construction

Occupancy Group	ADDITION IIA Type Construction	EXISTING IIB Type Construction
I-3	2 stories, 65' height 15,000 SF	1 story, 55' height 10,000 SF

Automatic Sprinkler Height Increase (IBC 504.2): Allows increase in max. ht. by 20' and max. number of stories by 1

Building Area Modifications (IBC 506)

Building area in Table 503 may be increased to frontage and automatic sprinkler protection as follows:

$$Aa + \{At + [At \times If] + [At \times Is]\}$$

Aa = allowable building area (SF) per story
At = tabular building area per story per Table 503
If = area increase factor due to frontage calculated per 506.2
Is = area increase factor due to sprinkler protection calculated per 506.3

506.2 Frontage increase: Allowed for a building has more than 25% of its perimeter on a public way or open space having a width of not less than 20 feet.

$$If = [F/P - 0.25] W/30$$

If = area increase factor due to frontage
F = Building perimeter fronting public way or open space ≥ 20 feet wide
P = Perimeter of entire building
W = Width of public way or open space

506.3 Automatic sprinkler system increase: Allows building area limitation from Table 503 to be increased by an additional 200 percent for buildings with more than one story above grade plane.

Existing SUI building (area renovated for YDC plus area occupied by OSTC program):
Allowable frontage increase:
$If = [713/838 - 0.25] 30/30 = 0.60$
Allowable Area (Type IIB):
$Aa = \{10{,}000 + [10{,}000 \times 0.60] + [10{,}000 \times 2]\} = 36{,}000$

Existing area of largest floor (2nd floor) 33,804 SF

Addition:
Allowable frontage increase:
Not calculated because not needed
Allowable Area (Type IIA)
$Aa = \{15{,}000 + [15{,}000 \times 2]\} = 45{,}000$ SF

Largest floor (2nd floor): 25,460 SF

Incidental Uses (IBC 509)

IBC Table 509 Hazardous Area Protection

Room or Area	Separation and/or Protection
Rooms w/ boilers where largest equip. >15 psi & 10 hp	1 hour or automatic sprinkler
Refrigerant machinery room	1 hour or automatic sprinkler
Laundry rooms over 100 SF	1 hour or automatic sprinkler
Group I-3 cells equipped with padded surfaces	1 hour
Waste and linen collection rooms over 100 SF	1 hour

Protection from Hazards

Table 22.3.2.1 Hazardous Area Protection

Hazardous Area Description	Separation/Protection
Boiler and fuel-fired heater rooms	1 hour
Central or bulk laundries >100 SF	1 hour
Commercial cooking equipment	In accordance with 9.2.3
Commissaries	Smoke resistant
Employee locker rooms	Smoke resistant
Hobby/handicraft shops	Smoke resistant
Maintenance shops	Smoke resistant
Soiled linen rooms	1 hour
Storage rooms >50 SF in area but ≤100 SF in area storing combustible materials	Smoke resistant
Storage rooms >100 SF storing combustible materials	1 hour
Trash collection rooms	1 hour

Type of Construction (IBC Chapter 6)

Fire-Resistance Rating Requirements for Building Elements (in hours) (IBC Table 601)

Building Element	IIA: Rating Req'd	IIB: Rating Req'd	Notes
Structural Frame	1	0	
Bearing Walls			
Exterior	1	0	not < Table 602 req'ts.
Interior	1	0	
Nonbearing Walls			
Exterior	see Table 602	see Table 602	
Interior	0	0	not < req'd by other code sections
Floor construction	1	0	
Roof construction	1	0	rating not required for roof framing and decking ≥ 20' above floor below

Fire-Resistance Rating Requirements (in hours) for Exterior Walls Based on Fire Separation Distance (feet) for Types IIA & IIB Construction , Occupancy Classification I-3 (IBC Table 602):

Fire Separation Distance (X)	Type of Construction	Rating Req'd
X > 5	both	1
5 ≤ X< 10	both	1
10 ≤X< 30	IIA	1
	IIB	0
X ≥ 30	both	0

Fire-Resistance-Rated Construction (IBC Chapter 7)

Definitions (IBC 702)

Fire Separation Distance (as defined in Chapter 2): the distance measured from the building face to one of the following:
1. The closest interior lot line;
2. The centerline of a street, an alley or public way; or
3. An imaginary line between two buildings on the property. (The imaginary line can be located anywhere between the two buildings, but once established the location of the line applies to both buildings and cannot be revised.)

Exterior Walls (IBC 705)

Fire-resistance rating (IBC 705.5): Rate exterior walls in accordance with Tables 601 and 602. Rate for exposure from the inside with fire separation distance > 10 feet. Rate for exposure from both sides with fire separation distance ≤ 10 feet.
Allowable area of openings (IBC 705.8.1): Maximum area of unprotected or protected openings in an exterior wall shall not exceed the values set forth in Table 705.8.
Automatic sprinkler system (IBC 704.8.1): With sprinkler system: maximum area of unprotected openings shall be the same as limitations for protected openings. *No limit on area of openings for fire separation distance > 20 feet*.

Maximum Area of Exterior Wall Openings (IBC Table 705.8):

		Fire Separation Distance				
Degree of Op'g Protection	X<3	3<X≤5	5<X≤10	10<X≤15	15<X≤20	20<X
Protected	Not permitted	15%	25%	45%	75%	No limit
Unprotected	Not permitted	15%	25%	45%	75%	No limit

Smoke Barriers (IBC 709)

Smoke barriers require 1-hour fire-resistance rating (IBC 709.3).
Openings: protect in accordance with Section 716 (IBC 709.5).
Penetrations: Comply with Section 714 (IBC 709.6).
Joints: Comply with Section 715 (IBC 709.7).
Ducts and air transfer openings: comply with Section 717 (IBC 709.8).

Shaft Enclosures

8.6.5 1 hour fire barrier where connecting 3 stories or fewer.
Fire-resistance rating: Not less than 1 hour fire barrier where connecting less than 4 stories, not less than fire-resistance rating of floor assembly penetrated (IBC 713.4).

Opening Protectives

Table 8.3.4.2 Minimum Fire Protection Ratings for Opening Protectives in Fire Resistance-Rated Assemblies (hours)

Component	Walls & Partitions	Fire Door Assemblies	Fire Window Assemblies
Elevator hoistways	2	1-1/2	NP
	1	1	NP
Vertical shafts	2	1-1/2	NP
(incl. stairways, exits, & refuse chutes)	1	1	NP
Fire barriers	2	1-1/2	NP
	1	3/4	3/4
	1/2	1/3	1/3
Horizontal exits	2	1-1/2	NP
Exit access corridors	1	1/3	3/4
Smoke barriers	1	1/3	1/3
Smoke partitions	1/2	1/3	1/3

Opening Fire Protection Assemblies, Ratings and Markings (IBC Table 716.5)

Type of Assembly	Required Assembly Rating (in hrs)	Min. Fire Door & Fire Shutter Assembly Ratings (in hrs)
Fire walls & barriers w/ > 1-hour rating	2	1-1/2
	1-1/2	1-1/2
Fire barriers w/ 1-hour rating		
Shaft, exit enclosure & exit passageways	1	1
Other fire barriers	1	3/4
Fire Partitions		
Corridor walls	1	1/3
Other fire partitions	1	3/4
Exterior Walls	1	3/4
Smoke Barriers	1	1/3

Occupant Loads

First Floor:	365
Second Floor:	354 (including occupants of upper housing tier)
Third Floor:	222

Fire Pumps (IBC 913)

Protection of fire pump rooms (IBC 913.2.1, Exception 1 for automatic sprinkler system): separate from all other areas of the building by 1-hour fire barriers or 1-hour horizontal assemblies, or both.

Means of Egress

Table 7.3.3.1 Capacity of Means of Egress

Stairways:	0.3 inches per person
Level components:	0.2 inches per person

7.4.1.1(2)Single means of egress permitted for a mezzanine or balcony where common path of travel limitations are met.

22.2.3.2 Aisles, corridors and ramps required for egress shall be not less than 48" in width

Arrangement

22.2.5.2 Dead end: 50' maximum in Condition IV.
22.2.5.3 Common path of travel: 100' maximum
22.2.6.2 Travel distance: 150' maximum from any room door required as an exit access and an exit
22.2.6.4 Travel distance: 200' maximum from any point in a room and an exit

Dead ends (IBC 1018.4): where more than one exit or exit access is req'd, no dead ends more than 20' in length.
Exceptions:
1. In I-3 Occupancies, dead end shall not exceed 50'.
3. Unlimited where length of dead is less than 2.5 times the least width of the dead end corridor.

Exit Access (IBC 1014)

Common path of egress travel: 100' maximum in I-3 Occupancy (IBC 1014.3).

Exit Access Travel Distance (IBC 1016)

200' maximum in I-3 Occupancy with sprinkler system (IBC Table 1016.1)

Exit Access Corridors

7.1.3.1 Exit Access Corridors: 1 hour fire rating where serving occupant load exceeding 30.
Corridor Fire-Resistance Rating: 1 hour in I-3 Occupancy with sprinkler system, for all occupant loads (IBC Table 1018.1).

Interior Exit Stairways and Ramps

7.1.3.2.1 Exits: 1 hour fire barrier where connecting 3 stories or less.
Construct as 1-hour fire barriers where connecting less than 4 stories (IBC 1022.2).

Horizontal Exits

22.2.2.5: Horizontal exits shall be permitted.
Horizontal exits permitted to comprise 100% of exits required for Group I-3 occupancies. At least 6 SF of space per occupant shall be provided on each side of the horizontal exit for the total number of people in adjoining compartments (IBC 1025.1, Exception 2).
Separation (IBC 1025.2) shall be provided by a fire wall, fire barrier or horizontal assembly; minimum fire-resistance rating of 2 hours.

Discharge from Exits

22.2.7.1: Exits shall be permitted to discharge into a fenced or walled courtyard, provided that not more than two walls of the courtyard are the building walls form which egress is being made.
22.2.7.2: Enclosed yard used for exit discharge shall accommodate all occupants at distance ≥ 50' from building, with net area of 15 SF per person.

Extinguishment Requirements

22.3.5.5(1) Provide Class I standpipe systems for any building 3 or more stories in height.

Subdivision of Building Spaces

22.3.7.1 Smoke barriers to divide every story used for sleeping by residents or stories having an occupant load of 50 or more into not less than 2 compartments.
22.3.7.3 Maximum residents in smoke compartment: 200
Max. distance to door in smoke barrier: 150' from room door, 200' from any point in room
22.3.7.7 Area per occupant on ea. side of smoke barrier for occupants in adjoining compartments: 6 SF

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION BOARD 6928-R DANIEL LEROY BAILEY STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.

Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

TITLE

SECOND FLOOR CODE SYNOPSIS PLAN

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

G120

SHEET NO. XXX

KEY NOTES

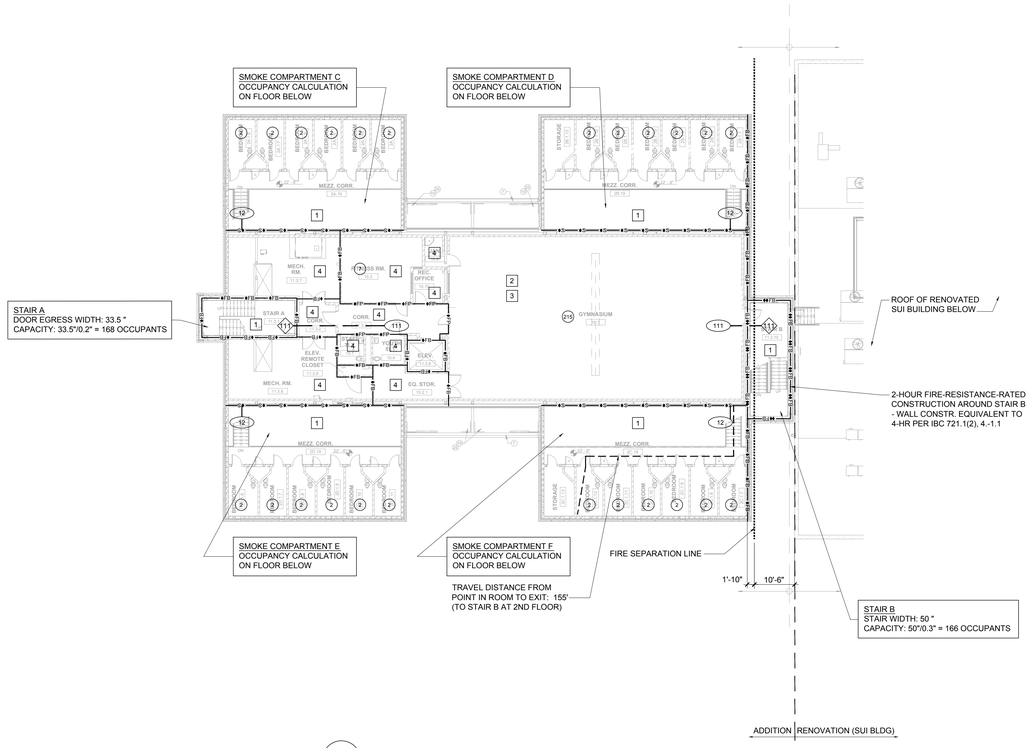
1. INTUMESCENT FIREPROOFING AT ROOF DECK AND JOISTS OF HOUSING UNIT UPPER ROOFS (CLERESTORY AREA), & OTHER AREAS OF EXPOSED STRUCTURE ACCESSIBLE TO DETAINEES (NEW CONSTRUCTION ONLY).
2. INTUMESCENT FIREPROOFING AT EXPOSED COLUMNS AND ROOF BEAMS OF GYMNASIUM. (ROOF JOISTS AND DECK ARE EXEMPTED FROM THE FIRE-PROTECTION REQUIREMENT AS THEY ARE NOT LESS THAN 20' ABOVE THE FLOOR.
3. SPRAY FIRE-RESISTIVE MATERIAL AT COLUMNS AND BRACING IN CONCEALED AREAS OF GYMNASIUM WALLS.
4. SPRAY FIRE-RESISTIVE MATERIAL AT STRUCTURAL FRAME, ROOF FRAMING AND DECKING EXPOSED AT MECHANICAL ROOMS, ELEVATOR EQUIPMENT, & OTHER NON-DETAINEE AREAS, AND ABOVE CEILINGS OF OTHER SPACES (NEW CONSTRUCTION ONLY).

GENERAL NOTES

1. ALL PENETRATIONS THROUGH BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PROVIDED WITH AN APPROVED PROTECTION METHOD IN ACCORDANCE WITH SECTION 07 84 13 DESIGNED TO RESIST THE PASSAGE OF FIRE FOR A TIME PERIOD NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL, FLOOR OR ROOF IN WHICH IT IS INSTALLED.
2. ALL JOINTS MADE IN OR BETWEEN BUILDING ELEMENTS REQUIRED TO BE RATED SHALL BE PROTECTED BY AN APPROVED FIRE-RESISTANT JOINT SYSTEM IN ACCORDANCE WITH SECTION 07 84 46 DESIGNED TO RESIST THE PASSAGE OF FIRE FOR A TIME PERIOD NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL, FLOOR OR ROOF IN OR BETWEEN WHICH IT IS INSTALLED.
3. AT NEW CONSTRUCTION (NOT APPLICABLE TO SUI BUILDING): ALL STRUCTURAL STEEL FRAME MEMBERS NOT ENCASED IN FIRE-RESISTANCE-RATED CONSTRUCTION, AND ALL ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS LESS THAN 20 FEET ABOVE THE FLOOR, SHALL BE HAVE APPLIED FIREPROOFING PROVIDING 1-HOUR FIRE-RESISTANCE-RATED PROTECTION.

LEGEND

- NON-RATED SMOKE-TIGHT PARTITION
- 1-HR FIRE-RESISTANCE-RATED SMOKE BARRIER
- 1-HR FIRE-RESISTANCE-RATED FIRE PARTITION
- 1-HR FIRE-RESISTANCE-RATED FIRE BARRIER
- 2-HR FIRE-RESISTANCE-RATED FIRE BARRIER
- FIRE SEPARATION LINE (PER IBC 702)
- EXIST. SEPARATION BETWEEN OSTC-OCCUPIED AREA OF SUI BLDG. & YDC
- (4) ROOM OCCUPANT LOAD
- (24) CUMULATIVE OCCUPANT LOAD
- PATH OF TRAVEL
- (63) EXIT OCCUPANT LOAD
- TRAVEL DISTANCE



1 G130 THIRD FLOOR CODE SYNOPSIS PLAN
1/16" = 1'-0"

APPLICABLE CODES

Building Code:	IBC (2012) IEBC (2012)
Fire Code:	NFPA 101 (2012) (Life Safety Code) NFPA 1 (2012) (Fire Code)
Mechanical Code:	IMC (2012)
Plumbing Code:	NSPC (2012)
Electrical Code:	NED (2011)
Energy Standard:	ASHRAE 90.1 (2010)
Elevator Safety Code:	IBC 2012 in addition to DLLR Requirements
Accessibility Code:	Maryland Accessibility Code (2012)
Energy Conservation Code:	IECC (2012)

ENERGY CODE DATA

BUILDING ENVELOPE REQUIREMENTS PER IECC

Opaque Assemblies	Req'd U-factor	Req'd R-Value	Provided
Roofs			
Insulation entirely above deck		R-25	R-30 min. (metal) R-25 min. (TPO)
Attic (below exterior slabs)		R-38	R-38
Walls			
Mass (new construction)		R-9.5ci	R-12.6 ci (new)
Mass (existing building)	N/A	N/A	U-0.58 (exist)
Metal Framed		R-13+R-7.5ci	R-23+-R-8.4ci
Slab on Grade			
Unheated slab		R-10ci	R-10ci

Fenestration	Req'd U-factor	Req'd SHGC	Provided
Doors			
Entrance door (glazed)	U-0.77		U-0.57
Vertical Fenestration			
Fixed Fenestration			
Detention windows	U-0.38		U-0.22
Aluminum storefront	U-0.38		U-0.39
SHGC:		0.40	0.35
Skylights	U-0.50		U-0.39
SHGC		0.40	0.27

BUILDING CODE DATA

NFPA 101 LIFE SAFETY CODE, 2012 (unless noted otherwise; references to IBC are to IBC 2012).

Occupancy Classification

Chapter 22: New Detention and Correctional Occupancies
Classification: Use Condition IV, Impeded Egress

Group I-3 (IBC 308.5), Condition 4 (IBC 308.5)

Mixed Occupancies (IBC 508.3): Business areas (outside the secure area) considered under the provisions of 508.2.1 for an accessory occupancy, no separation of occupancies required.

General Building Heights and Areas (IBC Chapter 5)

COMAR deletes reference to NFPA 5000 Building Construction and Safety Code and substitutes the building code adopted by the Authority Having Jurisdiction (Maryland Building Performance Standards adopt IBC 2012).

Allowable Buildings Heights and Areas (IBC Table 504)
Existing 2-story SUI building provides equivalent of Type IIB construction; proposed 3-story addition is of Type IIA construction

Occupancy Group	ADDITION IIA Type Construction	EXISTING IIB Type Construction
I-3	2 stories, 65' height 15,000 SF	1 story, 55' height 10,000 SF

Automatic Sprinkler Height Increase (IBC 504.2): Allows increase in max. ht. by 20' and max. number of stories by 1

Building Area Modifications (IBC 506)

Building area in Table 503 may be increased to frontage and automatic sprinkler protection as follows:

$$Aa + \{At + [At \times If] + [At \times Is]\}$$

Aa = allowable building area (SF) per story
At = tabular building area per story per Table 503
If = area increase factor due to frontage calculated per 506.2
Is = area increase factor due to sprinkler protection calculated per 506.3

506.2 Frontage increase: Allowed for a building has more than 25% of its perimeter on a public way or open space having a width of not less than 20 feet.

$$If = [F/P - 0.25] W/30$$

If = area increase factor due to frontage
F = Building perimeter fronting public way or open space ≥ 20 feet wide
P = Perimeter of entire building
W = Width of public way or open space

506.3 Automatic sprinkler system increase: Allows building area limitation from Table 503 to be increased by an additional 200 percent for buildings with more than one story above grade plane.

Existing SUI building (area renovated for YDC plus area occupied by OSTC program):
Allowable frontage increase:
$If = [713/838 - 0.25] 30/30 = 0.60$
Allowable Area (Type IIB):
$Aa = \{10{,}000 + [10{,}000 \times 0.60] + [10{,}000 \times 2]\} = 36{,}000$

Existing area of largest floor (2nd floor) 33,804 SF

Addition:
Allowable frontage increase:
Not calculated because not needed
Allowable Area (Type IIA)
$Aa = \{15{,}000 + [15{,}000 \times 2]\} = 45{,}000$ SF

Largest floor (2nd floor): 25,460 SF

Incidental Uses (IBC 509)

IBC Table 509 Hazardous Area Protection

Room or Area	Separation and/or Protection
Rooms w/ boilers where largest equip. >15 psi & 10 hp	1 hour or automatic sprinkler
Refrigerant machinery room	1 hour or automatic sprinkler
Laundry rooms over 100 SF	1 hour or automatic sprinkler
Group I-3 cells equipped with padded surfaces	1 hour
Waste and linen collection rooms over 100 SF	1 hour

Protection from Hazards

Table 22.3.2.1 Hazardous Area Protection

Hazardous Area Description	Separation/Protection
Boiler and fuel-fired heater rooms	1 hour
Central or bulk laundries >100 SF	1 hour
Commercial cooking equipment	In accordance with 9.2.3
Commissaries	Smoke resistant
Employee locker rooms	Smoke resistant
Hobby/handicraft shops	Smoke resistant
Maintenance shops	Smoke resistant
Soiled linen rooms	1 hour
Storage rooms >50 SF in area but ≤100 SF in area storing combustible materials	Smoke resistant
Storage rooms >100 SF storing combustible materials	1 hour
Trash collection rooms	1 hour

Type of Construction (IBC Chapter 6)

Fire-Resistance Rating Requirements for Building Elements (in hours) (IBC Table 601)

Building Element	IIA: Rating Req'd	IIB: Rating Req'd	Notes
Structural Frame	1	0	
Bearing Walls			
Exterior	1	0	not < Table 602 req'ts.
Interior	1	0	
Nonbearing Walls			
Exterior	see Table 602	see Table 602	
Interior	0	0	not < req'd by other code sections
Floor construction	1	0	
Roof construction	1	0	rating not required for roof framing and decking ≥ 20' above floor below

Fire-Resistance Rating Requirements (in hours) for Exterior Walls Based on Fire Separation Distance (feet) for Types IIA & IIB Construction , Occupancy Classification I-3 (IBC Table 602):

Fire Separation Distance (X)	Type of Construction	Rating Req'd
X > 5	both	1
5 ≤ X< 10	both	1
10 ≤X< 30	IIA	1
	IIB	0
X ≥ 30	both	0

Fire-Resistance-Rated Construction (IBC Chapter 7)

Definitions (IBC 702)

Fire Separation Distance (as defined in Chapter 2): the distance measured from the building face to one of the following:
1. The closest interior lot line;
2. The centerline of a street, an alley or public way; or
3. An imaginary line between two buildings on the property. (The imaginary line can be located anywhere between the two buildings, but once established the location of the line applies to both buildings and cannot be revised.)

Exterior Walls (IBC 705)

Fire-resistance rating (IBC 705.5): Rate exterior walls in accordance with Tables 601 and 602. Rate for exposure from the inside with fire separation distance > 10 feet. Rate for exposure from both sides with fire separation distance ≤ 10 feet.
Allowable area of openings (IBC 705.8.1): Maximum area of unprotected or protected openings in an exterior wall shall not exceed the values set forth in Table 705.8.
Automatic sprinkler system (IBC 704.8.1): With sprinkler system: maximum area of unprotected openings shall be the same as limitations for protected openings. *No limit on area of openings for fire separation distance > 20 feet*.

Maximum Area of Exterior Wall Openings (IBC Table 705.8):

		Fire Separation Distance				
Degree of Op'g Protection	X<3	3<X≤5	5<X≤10	10<X≤15	15<X≤20	20<X
Protected	Not permitted	15%	25%	45%	75%	No limit
Unprotected	Not permitted	15%	25%	45%	75%	No limit

Smoke Barriers (IBC 709)

Smoke barriers require 1-hour fire-resistance rating (IBC 709.3).
Openings: protect in accordance with Section 716 (IBC 709.5).
Penetrations: Comply with Section 714 (IBC 709.6).
Joints: Comply with Section 715 (IBC 709.7).
Ducts and air transfer openings: comply with Section 717 (IBC 709.8).

Shaft Enclosures

8.6.5 1 hour fire barrier where connecting 3 stories or fewer.
Fire-resistance rating: Not less than 1 hour fire barrier where connecting less than 4 stories, not less than fire-resistance rating of floor assembly penetrated (IBC 713.4).

Opening Protectives

Table 8.3.4.2 Minimum Fire Protection Ratings for Opening Protectives in Fire Resistance-Rated Assemblies (hours)

Component	Walls & Partitions	Fire Door Assemblies	Fire Window Assemblies
Elevator hoistways	2	1-1/2	NP
	1	1	NP
Vertical shafts	2	1-1/2	NP
(incl. stairways, exits, & refuse chutes)	1	1	NP
Fire barriers	2	1-1/2	NP
	1	3/4	3/4
	1/2	1/3	1/3
Horizontal exits	2	1-1/2	NP
Exit access corridors	1	1/3	3/4
Smoke barriers	1	1/3	1/3
Smoke partitions	1/2	1/3	1/3

Opening Fire Protection Assemblies, Ratings and Markings (IBC Table 716.5)

Type of Assembly	Required Assembly Rating (in hrs)	Min. Fire Door & Fire Shutter Assembly Ratings (in hrs)
Fire walls & barriers w/ > 1-hour rating	2	1-1/2
	1-1/2	1-1/2
Fire barriers w/ 1-hour rating		
Shaft, exit enclosure & exit passageways	1	1
Other fire barriers	1	3/4
Fire Partitions		
Corridor walls	1	1/3
Other fire partitions	1	3/4
Exterior Walls	1	3/4
Smoke Barriers	1	1/3

Occupant Loads

First Floor: 365
Second Floor: 354 (including occupants of upper housing tier)
Third Floor: 222

Fire Pumps (IBC 913)

Protection of fire pump rooms (IBC 913.2.1, Exception 1 for automatic sprinkler system): separate from all other areas of the building by 1-hour fire barriers or 1-hour horizontal assemblies, or both.

Means of Egress

Table 7.3.3.1 Capacity of Means of Egress
Stairways: 0.3 inches per person
Level components: 0.2 inches per person

7.4.1.1(2)Single means of egress permitted for a mezzanine or balcony where common path of travel limitations are met.

22.2.3.2 Aisles, corridors and ramps required for egress shall be not less than 48" in width

Arrangement

22.2.5.2 Dead end: 50' maximum in Condition IV.
22.2.5.3 Common path of travel: 100' maximum
22.2.6.2 Travel distance: 150' maximum from any room door required as an exit access and an exit
22.2.6.4 Travel distance: 200' maximum from any point in a room and an exit

Dead ends (IBC 1018.4): where more than one exit or exit access is req'd, no dead ends more than 20' in length.
Exceptions:
1. In I-3 Occupancies, dead end shall not exceed 50'.
3. Unlimited where length of dead is less than 2.5 times the least width of the dead end corridor.

Exit Access (IBC 1014)

Common path of egress travel: 100' maximum in I-3 Occupancy (IBC 1014.3).

Exit Access Travel Distance (IBC 1016)

200' maximum in I-3 Occupancy with sprinkler system (IBC Table 1016.1)

Exit Access Corridors

7.1.3.1 Exit Access Corridors: 1 hour fire rating where serving occupant load exceeding 30.
Corridor Fire-Resistance Rating: 1 hour in I-3 Occupancy with sprinkler system, for all occupant loads (IBC Table 1018.1).

Interior Exit Stairways and Ramps

7.1.3.2.1 Exits: 1 hour fire barrier where connecting 3 stories or less.
Construct as 1-hour fire barriers where connecting less than 4 stories (IBC 1022.2).

Horizontal Exits

22.2.2.5: Horizontal exits shall be permitted.
Horizontal exits permitted to comprise 100% of exits required for Group I-3 occupancies. At least 6 SF of space per occupant shall be provided on each side of the horizontal exit for the total number of people in adjoining compartments (IBC 1025.1, Exception 2).
Separation (IBC 1025.2) shall be provided by a fire wall, fire barrier or horizontal assembly; minimum fire-resistance rating of 2 hours.

Discharge from Exits

22.2.7.1: Exits shall be permitted to discharge into a fenced or walled courtyard, provided that not more than two walls of the courtyard are the building walls form which egress is being made.
22.2.7.2: Enclosed yard used for exit discharge shall accommodate all occupants at distance ≥ 50' from building, with net area of 15 SF per person.

Extinguishment Requirements

22.3.5.5(1) Provide Class I standpipe systems for any building 3 or more stories in height.

Subdivision of Building Spaces

22.3.7.1 Smoke barriers to divide every story used for sleeping by residents or stories having an occupant load of 50 or more into not less than 2 compartments.
22.3.7.3 Maximum residents in smoke compartment: 200
Max. distance to door in smoke barrier: 150' from room door, 200' from any point in room
22.3.7.7 Area per occupant on ea. side of smoke barrier for occupants in adjoining compartments: 6 SF

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION NO. 6928-R
DANIEL LEROY BAILEY
STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.

Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

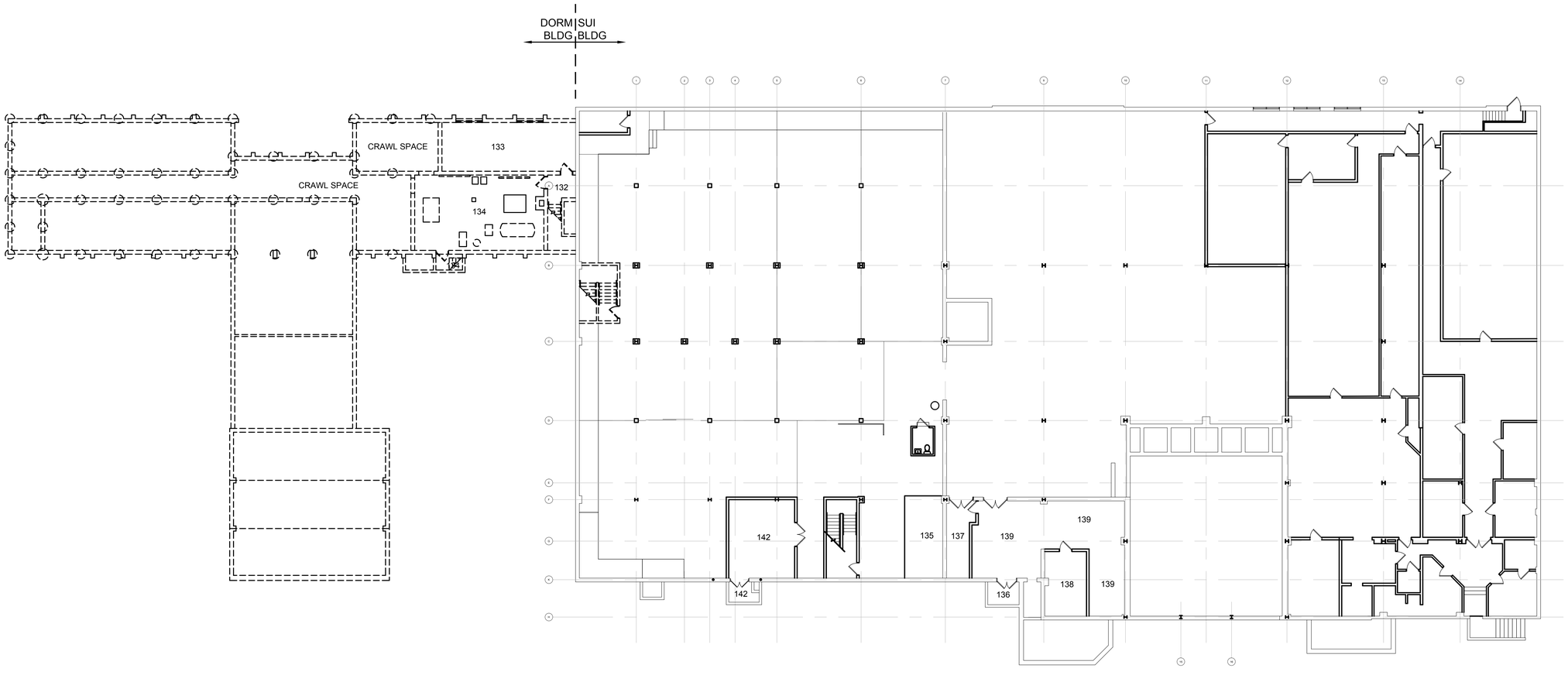
TITLE

THIRD FLOOR CODE SYNOPSIS PLAN

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

G130

SHEET NO. XXX



1 H-10 BASEMENT LEVEL PLAN - HAZARDOUS MATERIALS SURVEY
SCALE: N.T.S.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

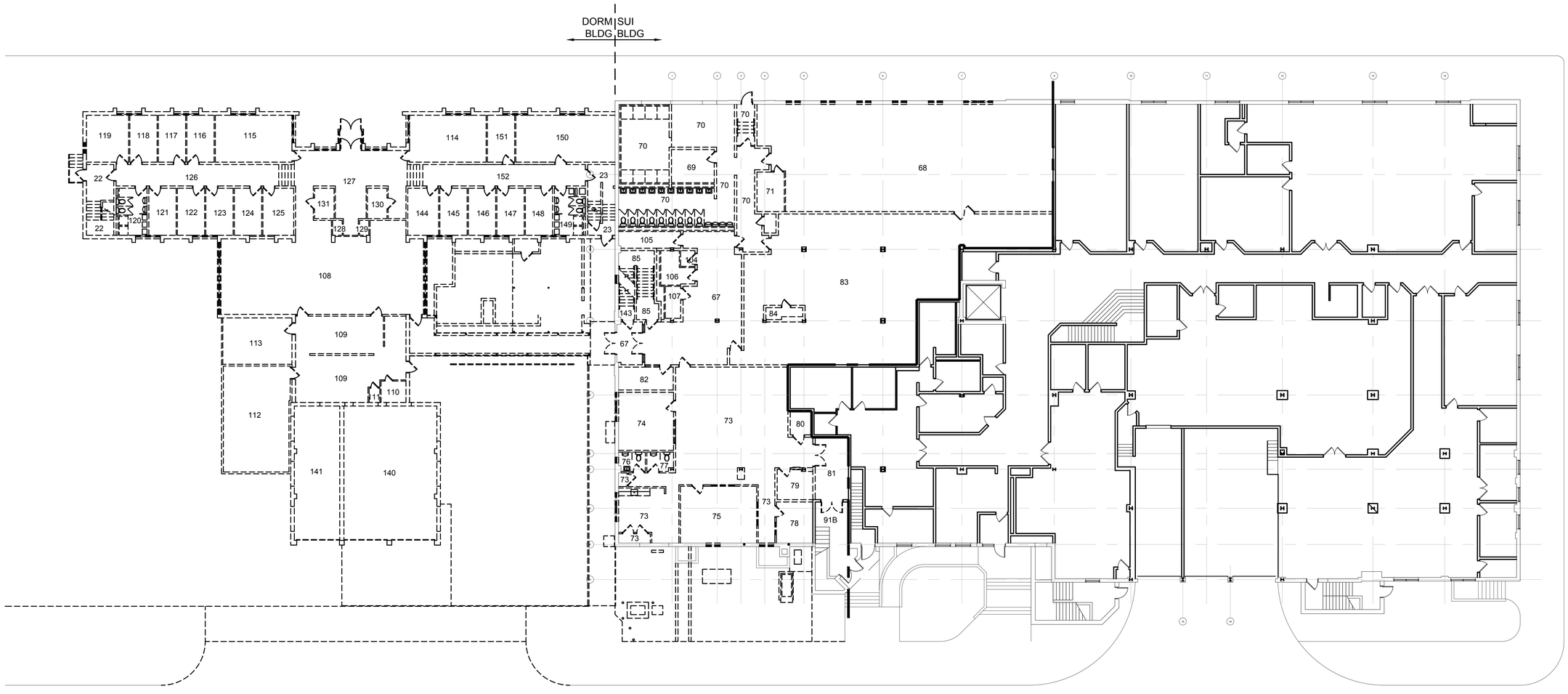
TITLE

BASEMENT LEVEL PLAN - HAZARDOUS MATERIALS SURVEY

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM100

SHEET NO.



1 / H-11 FIRST LEVEL PLAN - HAZARDOUS MATERIALS SURVEY
SCALE: N.T.S.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

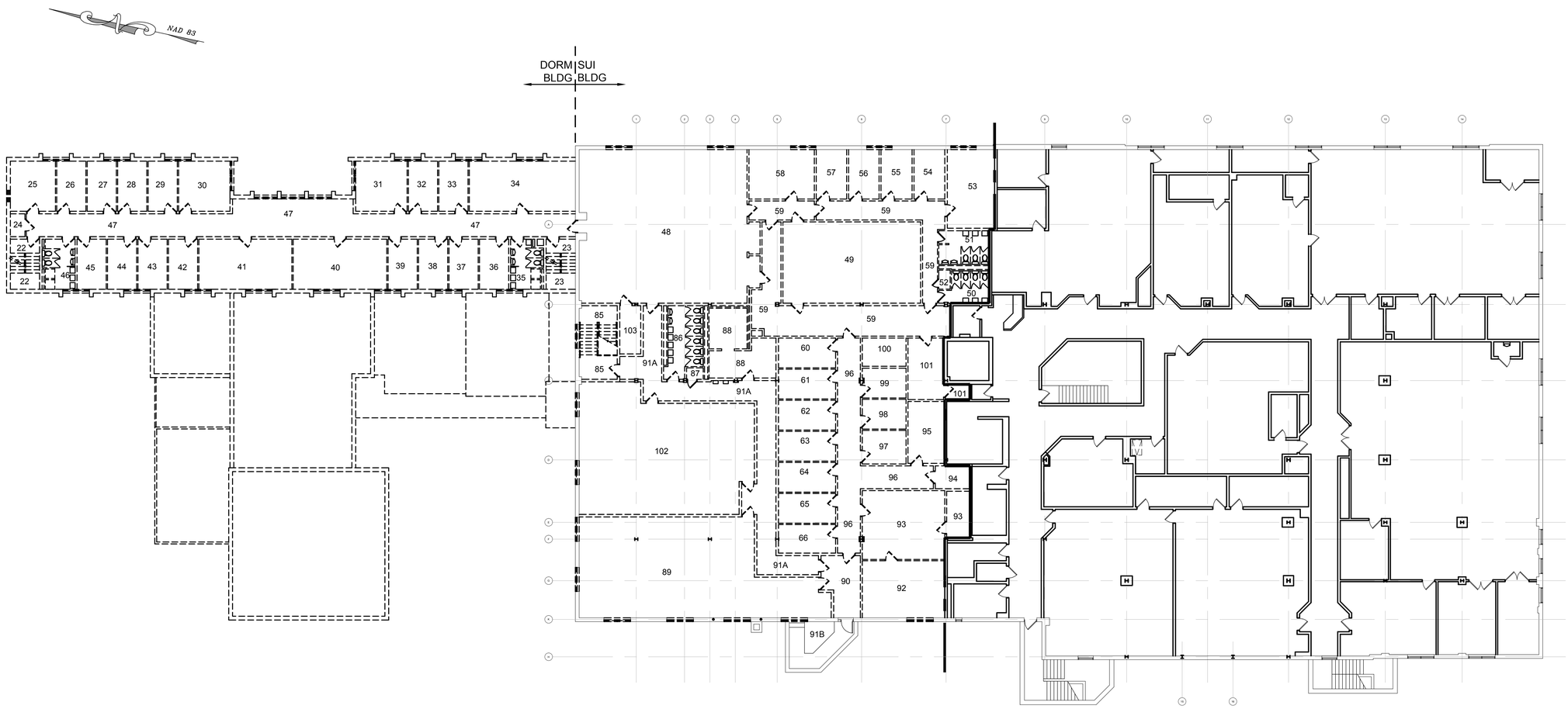
TITLE

FIRST LEVEL PLAN - HAZARDOUS MATERIALS SURVEY

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM110

SHEET NO.



1 / H-12 SECOND LEVEL PLAN - HAZARDOUS MATERIALS SURVEY
SCALE: N.T.S.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

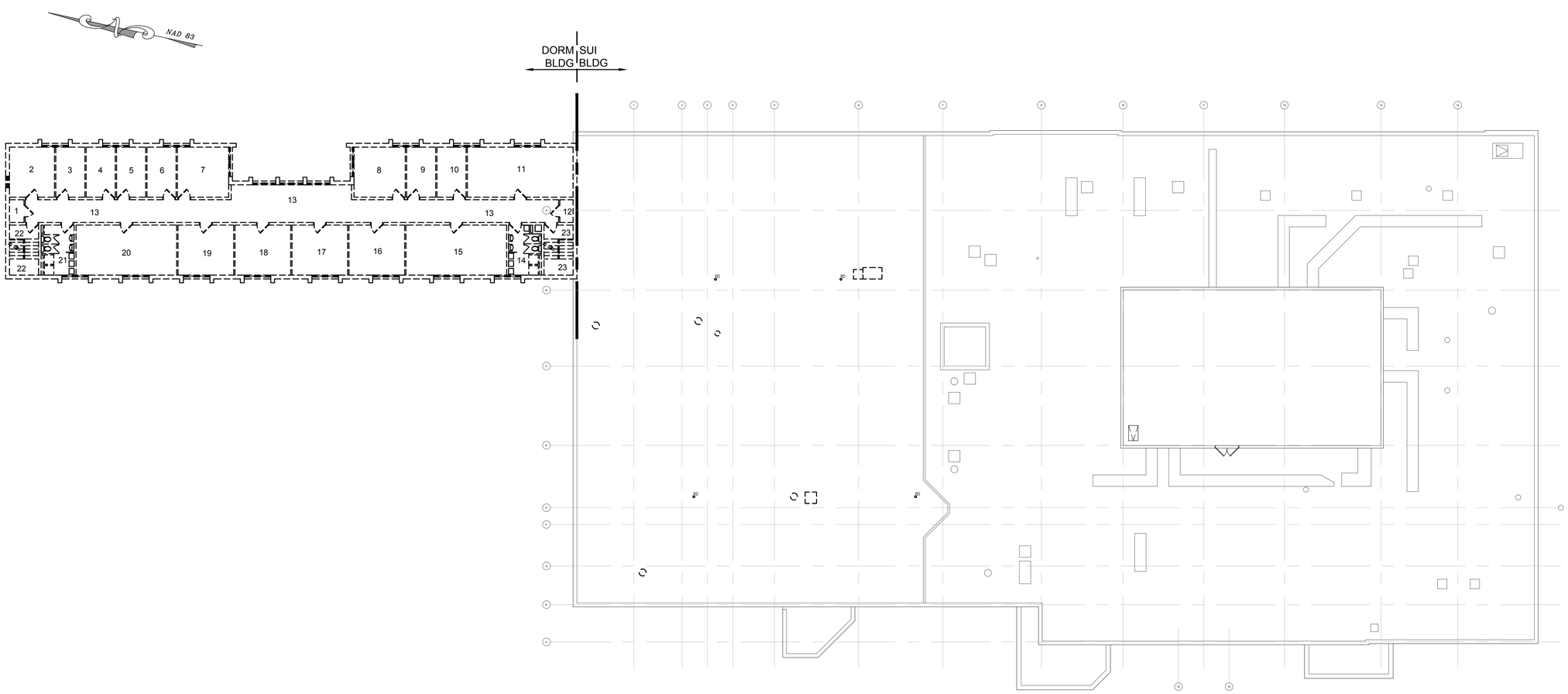
TITLE

SECOND LEVEL PLAN - HAZARDOUS MATERIALS SURVEY

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM120

SHEET NO.



1 / H-13 THIRD LEVEL PLAN - HAZARDOUS MATERIALS SURVEY

SCALE: N.T.S.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
INDUSTRY PLAZA BL SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

TITLE THIRD LEVEL PLAN - HAZARDOUS MATERIALS SURVEY

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM130

SHEET NO.

AREA	ASBESTOS																				PCBs		ODCs					UNIVERSAL WASTE								MISCELLANEOUS MATERIALS					
Location (Room No.)	Asbestos Description (Material, Color, Size)	Caulk (LF)	Sidewalk Expansion Joint (LF)	Transite Window Insert (SF)	Window Glaze (LF)	Plaster Ceiling (SF)	Floor Tile (SF)	Floor Tile Mastic (SF)	Fitting (Each)	Joint Compound (SF; based on square footage of drywall)	Spray Applied Column Fireproofing (SF)	Vibration Dampener (Each)	Fire Door (Each)	Valve Packing (Each)	Cement Asbestos Panel Board (SF)	Built-Up Roof (SF)	1" Plaster Fireproofing (SF)	8" Transite Piping (LF)	Caulk Between Masonry and Steel (LF)	Pipe Insulation (LF)	Ballast (Each)	Transformer (Each)	Water Fountain (Each)	Ice Machine (Each)	Commercial Chiller Unit (Each)	Household Refrigerator / Freezer (Each)	Air Conditioning Unit (Each)	Light Bulbs / Tubes (Each)						Thermostat (Each)	Battery (Each)	Fire Extinguisher (Each)	Lead Vent Pipe (Each)	Underground Auto Lift (2-Post Lift)	Generator (Each)	Aboveground Storage Tank (Each)	Underground Storage Tank (Each)
																												4'	8'	U-Shaped	HID	CFL	Halogen									
1	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						50																									1									
1	Floor Tile Mastic, Black (Associated w ith FT1)							50																																	
1	Fire Door (Assumed)												1																												
2	Interior Door/Window Caulk (OM1)	50																														1									
2	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						200																																		
2	Floor Tile Mastic, Black (Associated w ith FT1)							200																																	
2	Fire Door (Assumed)												1																												
3	Interior Door/Window Caulk (OM1)	25																														1									
3	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)																																								
3	Floor Tile Mastic, Black (Associated w ith FT1)							150																																	
3	Fire Door (Assumed)												1																												
4	Interior Door/Window Caulk (OM1)	25																														1									
4	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						150																																		
4	Floor Tile Mastic, Black (Associated w ith FT1)							150																																	
4	Fire Door (Assumed)												1																												
5	Interior Door/Window Caulk (OM1)	25																														1									
5	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						150																																		
5	Floor Tile Mastic, Black (Associated w ith FT1)							150																																	
5	Fire Door (Assumed)												1																												
6	Interior Door/Window Caulk (OM1)	25																														1									
6	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						150																																		
6	Floor Tile Mastic, Black (Associated w ith FT1)							150																																	
6	Fire Door (Assumed)												1																												
7	Interior Door/Window Caulk (OM1)	75																														1									
7	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						250																																		
7	Floor Tile Mastic, Black (Associated w ith FT1)							250																																	
7	Fire Door (Assumed)												1																												
8	Interior Door/Window Caulk (OM1)	75																			1							4													
8	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						250																																		
8	Floor Tile Mastic, Black (Associated w ith FT1)							250																																	
8	Fire Door (Assumed)												1																												
9	Interior Door/Window Caulk (OM1)	25																														1									
9	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						150																																		
9	Floor Tile Mastic, Black (Associated w ith FT1)							150																																	
9	Fire Door (Assumed)												1																												
10	Interior Door/Window Caulk (OM1)	25																														1									
10	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						150																																		
10	Floor Tile Mastic, Black (Associated w ith FT1)							150																																	
10	Fire Door (Assumed)												1																												
11	Interior Door/Window Caulk (OM1)	75																														2									
11	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						500																																		
11	Floor Tile Mastic, Black (Associated w ith FT1)							500																																	
11	Fire Door (Assumed)												1																												
12	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						50																									1									
12	Floor Tile Mastic, Black (Associated w ith FT1)							50																																	
12	Fire Door (Assumed)												1																												
13	Interior Door/Window Caulk (OM1)	150																			9		1					36			6		3		4	2					
13	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						1400																																		
13	Floor Tile Mastic, Black (Associated w ith FT1)							1400																																	
13	Floor Tile Mastic, Black (Associated w ith FT2)							25																																	
13	6" Pipe Fitting, Strait (TSI1)								10																																
13	6" Pipe Fitting, Elbow (TSI2)								3																																
14	Interior Door/Window Caulk (OM1)	25																			2							4													
14	3/4" Pipe Fitting, Elbow (TSI4)								15																																
14	Fire Door (Assumed)												1																												
15	Interior Door/Window Caulk (OM1)	75																														1									
15	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						500																																		
15	Floor Tile Mastic, Black (Associated w ith FT1)							500																																	
15	Fire Door (Assumed)												1																												
16	Interior Door/Window Caulk (OM1)	50																														1									
16	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						250																																		
16	Floor Tile Mastic, Black (Associated w ith FT1)							250																																	
16	Fire Door (Assumed)												1																												
17	Interior Door/Window Caulk (OM1)	50																														1									
17	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						250																																		
17	Floor Tile Mastic, Black (Associated w ith FT1)							250																																	
17	Fire Door (Assumed)												1																												
18	Interior Door/Window Caulk (OM1)	50																														1									
18	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						250																																		
18	Floor Tile Mastic, Black (Associated w ith FT1)							250																																	
18	Fire Door (Assumed)												1																												
19	Interior Door/Window Caulk (OM1)	50																														1									
19	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						250																																		
19	Floor Tile Mastic, Black (Associated w ith FT1)							250																																	
19	Fire Door (Assumed)												1																												

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BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

TITLE

HAZARDOUS MATERIALS SUMMARY TABLE (1 OF 9)

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM200

SHEET NO.

AREA	ASBESTOS																				PCBs		ODCs					UNIVERSAL WASTE								MISCELLANEOUS MATERIALS					
Location (Room No.)	Asbestos Description (Material, Color, Size)	Caulk (LF)	Sidewalk Expansion Joint (LF)	Transite Window Insert (SF)	Window Glaze (LF)	Plaster Ceiling (SF)	Floor Tile (SF)	Floor Tile Mastic (SF)	Fitting (Each)	Joint Compound (SF, based on square footage of drywall)	Spray Applied Column Fireproofing (SF)	Vibration Dampener (Each)	Fire Door (Each)	Valve Packing (Each)	Cement Asbestos Panel Board (SF)	Built-Up Roof (SF)	1" Plaster Fireproofing (SF)	8" Transite Piping (LF)	Caulk Between Masonry and Steel (LF)	Pipe Insulation (LF)	Ballast (Each)	Transformer (Each)	Water Fountain (Each)	Ice Machine (Each)	Commercial Chiller Unit (Each)	Household Refrigerator / Freezer (Each)	Air Conditioning Unit (Each)	Light Bulbs / Tubes (Each)						Thermostat (Each)	Battery (Each)	Fire Extinguisher (Each)	Lead Vent Pipe (Each)	Underground Auto Lift (2-Post Lift)	Generator (Each)	Aboveground Storage Tank (Each)	Underground Storage Tank (Each)
																												4'	8'	U-Shaped	HID	CFL	Halogen									
20	Interior Door/Window Caulk (OM1)	75																														1									
20	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						500																																		
20	Floor Tile Mastic, Black (Associated w ith FT1)							500																																	
20	Fire Door (Assumed)												1																												
21	Interior Door/Window Caulk (OM1)	25																			2							4													
21	3/4" Pipe Fitting, Elbow (TSI4)								15																																
21	Fire Door (Assumed)												1																												
22	Floor Tile Mastic, Black (Associated w ith FT2)							225													4							10			6			3							
22	Floor Tile Mastic, Black (Associated w ith FT3)							50																																	
22	Fire Door (Assumed)												4																												
23	Floor Tile Mastic, Black (Associated w ith FT3)							50													4							12			6			3							
23	Floor Tile Mastic, Black (Associated w ith FT4)							225																																	
23	Fire Door (Assumed)												5																												
24	Floor Tile, Tan w /White and Dark Tan Specs, 12X12 (FT5)						50																									1									
24	Floor Tile Mastic, Black (Associated w ith FT5)							50																																	
24	1" Pipe Fitting, Elbow (TSI3)								3																																
24	Fire Door (Assumed)												1																												
25	Interior Door/Window Caulk (OM1)	50																														1									
25	Floor Tile, Tan w /White and Dark Tan Specs, 12X12 (FT5)						200																																		
25	Floor Tile Mastic, Black (Associated w ith FT5)							200																																	
25	1" Pipe Fitting, Elbow (TSI3)								5																																
25	Fire Door (Assumed)												1																												
26	Interior Door/Window Caulk (OM1)	25																														1									
26	Floor Tile, Tan w /White and Dark Tan Specs, 12X12 (FT5)						150																																		
26	Floor Tile Mastic, Black (Associated w ith FT5)							150																																	
26	1" Pipe Fitting, Elbow (TSI3)								2																																
26	Fire Door (Assumed)												1																												
27	Interior Door/Window Caulk (OM1)	25																														1									
27	Floor Tile Mastic, Black (Associated w ith FT3)							150																																	
27	1" Pipe Fitting, Elbow (TSI3)								2																																
27	Fire Door (Assumed)												1																												
28	Interior Door/Window Caulk (OM1)	25																														1									
28	Floor Tile, Tan w /White and Dark Tan Specs, 12X12 (FT5)						150																																		
28	Floor Tile Mastic, Black (Associated w ith FT5)							150																																	
28	1" Pipe Fitting, Elbow (TSI3)								2																																
28	Fire Door (Assumed)												1																												
29	Interior Door/Window Caulk (OM1)	25																														1									
29	Floor Tile, Tan w /White and Dark Tan Specs, 12X12 (FT5)						150																																		
29	Floor Tile Mastic, Black (Associated w ith FT5)							150																																	
29	1" Pipe Fitting, Elbow (TSI3)								2																																
29	Fire Door (Assumed)												1																												
30	Interior Door/Window Caulk (OM1)	75																														1									
30	Floor Tile, Tan w /White and Dark Tan Specs, 12X12 (FT5)						250																																		
30	Floor Tile Mastic, Black (Associated w ith FT5)							250																																	
30	1" Pipe Fitting, Elbow (TSI3)								4																																
30	Fire Door (Assumed)												1																												
31	Interior Door/Window Caulk (OM1)	75																														1									
31	Floor Tile, Tan w /White and Dark Tan Specs, 12X12 (FT5)						250																																		
31	Floor Tile Mastic, Black (Associated w ith FT5)							250																																	
31	6" Pipe Fitting, Elbow (TSI2)								2																																
31	1" Pipe Fitting, Elbow (TSI3)								4																																
31	Fire Door (Assumed)												1																												
32	Interior Door/Window Caulk (OM1)	25																														1									
32	Floor Tile, Tan w /White and Dark Tan Specs, 12X12 (FT5)						150																																		
32	Floor Tile Mastic, Black (Associated w ith FT5)							150																																	
32	1" Pipe Fitting, Elbow (TSI3)								2																																
32	Fire Door (Assumed)												1																												
33	Interior Door/Window Caulk (OM1)	25																														1									
33	Floor Tile, Tan w /White and Dark Tan Specs, 12X12 (FT5)						150																																		
33	Floor Tile Mastic, Black (Associated w ith FT5)							150																																	
33	1" Pipe Fitting, Elbow (TSI3)								2																																
33	Fire Door (Assumed)												1																												
34	Interior Door/Window Caulk (OM1)	75																														2									
34	Floor Tile, Tan w /White and Dark Tan Specs, 12X12 (FT5)						500																																		
34	Floor Tile Mastic, Black (Associated w ith FT5)							500																																	
34	1" Pipe Fitting, Elbow (TSI3)								4																																
34	Fire Door (Assumed)												1																												
35	Interior Door/Window Caulk (OM1)	25																			2							4													
35	3/4" Pipe Fitting, Elbow (TSI4)								15																																
35	Fire Door (Assumed)												1																												
36	Interior Door/Window Caulk (OM1)	25																														1									
36	Floor Tile, Tan w /White and Dark Tan Specs, 12X12 (FT5)						150																																		
36	Floor Tile Mastic, Black (Associated w ith FT5)							150																																	
36	1" Pipe Fitting, Elbow (TSI3)								2																																
36	Fire Door (Assumed)												1																												

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DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

TITLE

HAZARDOUS MATERIALS SUMMARY TABLE (2 OF 9)

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM201

SHEET NO.

AREA	ASBESTOS																					PCBs		ODCs					UNIVERSAL WASTE								MISCELLANEOUS MATERIALS						
Location (Room No.)	Asbestos Description (Material, Color, Size)	Caulk (LF)	Sidewalk Expansion Joint (LF)	Transite Window Insert (SF)	Window Glaze (LF)	Plaster Ceiling (SF)	Floor Tile (SF)	Floor Tile Mastic (SF)	Fitting (Each)	Joint Compound (SF; based on square footage of drywall)	Spray Applied Column Fireproofing (SF)	Vibration Dampener (Each)	Fire Door (Each)	Valve Packing (Each)	Cement Asbestos Panel Board (SF)	Built-Up Roof (SF)	1" Plaster Fireproofing (SF)	8" Transite Piping (LF)	Caulk Between Masonry and Steel (LF)	Pipe Insulation (LF)	Ballast (Each)	Transformer (Each)	Water Fountain (Each)	Ice Machine (Each)	Commercial Chiller Unit (Each)	Household Refrigerator / Freezer (Each)	Air Conditioning Unit (Each)	Light Bulbs / Tubes (Each)						Thermostat (Each)	Battery (Each)	Fire Extinguisher (Each)	Lead Vent Pipe (Each)	Underground Auto Lift (2-Post Lift)	Generator (Each)	Aboveground Storage Tank (Each)	Underground Storage Tank (Each)
																												4'	8'	U-Shaped	HID	CFL	Halogen										
37	Interior Door/Window Caulk (OM1)	25																														1											
37	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						150																																				
37	Floor Tile Mastic, Black (Associated with FT5)							150																																			
37	1" Pipe Fitting, Elbow (TSI3)								3																																		
37	Fire Door (Assumed)												1																														
38	Interior Door/Window Caulk (OM1)	25																														1											
38	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						150																																				
38	Floor Tile Mastic, Black (Associated with FT5)							150																																			
38	1" Pipe Fitting, Elbow (TSI3)								2																																		
38	Fire Door (Assumed)												1																														
39	Interior Door/Window Caulk (OM1)	25																														1											
39	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						150																																				
39	Floor Tile Mastic, Black (Associated with FT5)							150																																			
39	1" Pipe Fitting, Elbow (TSI3)								1																																		
39	Fire Door (Assumed)												1																														
40	Interior Door/Window Caulk (OM1)	75																														3											
40	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						500																																				
40	Floor Tile Mastic, Black (Associated with FT5)							500																																			
40	1" Pipe Fitting, Elbow (TSI3)								4																																		
40	Fire Door (Assumed)												1																														
41	Interior Door/Window Caulk (OM1)	75																														2											
41	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						500																																				
41	Floor Tile Mastic, Black (Associated with FT5)							500																																			
41	1" Pipe Fitting, Elbow (TSI3)								6																																		
41	Fire Door (Assumed)												1																														
42	Interior Door/Window Caulk (OM1)	25																														1											
42	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						150																																				
42	Floor Tile Mastic, Black (Associated with FT5)							150																																			
42	Fire Door (Assumed)												1																														
43	Interior Door/Window Caulk (OM1)	25																														1											
43	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						150																																				
43	Floor Tile Mastic, Black (Associated with FT5)							150																																			
43	1" Pipe Fitting, Elbow (TSI3)								2																																		
43	Fire Door (Assumed)												1																														
44	Interior Door/Window Caulk (OM1)	25																														1											
44	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						150																																				
44	Floor Tile Mastic, Black (Associated with FT5)							150																																			
44	Fire Door (Assumed)												1																														
45	Interior Door/Window Caulk (OM1)	25																														1											
45	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						150																																				
45	Floor Tile Mastic, Black (Associated with FT5)							150																																			
45	1" Pipe Fitting, Elbow (TSI3)								2																																		
45	Fire Door (Assumed)												1																														
46	Interior Door/Window Caulk (OM1)	25																																									
46	1" Pipe Fitting, Elbow (TSI3)								2																																		
46	3/4" Pipe Fitting, Elbow (TSI4)								15																																		
46	Fire Door (Assumed)												1																														
47	Interior Door/Window Caulk (OM1)	150																			5		1				32			6		3		5	2								
47	Floor Tile Mastic, Black (Associated with FT2)							100																																			
47	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						1325																																				
47	Floor Tile Mastic, Black (Associated with FT5)							1325																																			
47	Floor Tile, Orange w/Cream and Dark Tan Specs, 12X12 (FT14)						15																																				
47	Floor Tile Mastic, Black (Associated with FT14)							15																																			
47	1" Pipe Fitting, Elbow (TSI3)								6																																		
48	Interior Door/Window Caulk (OM1)	100																			40						80			2		1		2	1								
48	Floor Tile, Cream w/Green and Gray Blotches, 12X12 (FT1)						650																																				
48	Floor Tile Mastic, Black (Associated with FT1)							650																																			
48	Floor Tile Mastic, Black (Associated with FT2)							1800																																			
48	Joint Compound, Ceiling, White (DW/JC1)									2450																																	
48	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										200																																
48	Fire Door (Assumed)												5																														
49	Joint Compound, Ceiling, White (DW/JC1)									1000											7						36																
49	Fire Door (Assumed)												2																														
50	Joint Compound, Ceiling, White (DW/JC1)									150											2						4																
50	Fire Door (Assumed)												1																														
51	Joint Compound, Ceiling, White (DW/JC1)									150											2						4																
51	Fire Door (Assumed)												1																														
52	Joint Compound, Ceiling, White (DW/JC1)									50																																	
52	Fire Door (Assumed)												1																														

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

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EXECUTIVE PLAZA III, SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1110

TERRALOGOS

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

TITLE

HAZARDOUS MATERIALS SUMMARY TABLE (3 OF 9)

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM202

SHEET NO.

AREA	ASBESTOS																				PCBs		ODCs					UNIVERSAL WASTE								MISCELLANEOUS MATERIALS					
Location (Room No.)	Asbestos Description (Material, Color, Size)	Caulk (LF)	Sidewalk Expansion Joint (LF)	Transite Window Insert (SF)	Window Glaze (LF)	Plaster Ceiling (SF)	Floor Tile (SF)	Floor Tile Mastic (SF)	Fitting (Each)	Joint Compound (SF, based on square footage of drywall)	Spray Applied Column Fireproofing (SF)	Vibration Dampener (Each)	Fire Door (Each)	Valve Packing (Each)	Cement Asbestos Panel Board (SF)	Built-Up Roof (SF)	1" Plaster Fireproofing (SF)	6" Transite Piping (LF)	Caulk Between Masonry and Steel (LF)	Pipe Insulation (LF)	Ballast (Each)	Transformer (Each)	Water Fountain (Each)	Ice Machine (Each)	Commercial Chiller Unit (Each)	Household Refrigerator / Freezer (Each)	Air Conditioning Unit (Each)	Light Bulbs / Tubes (Each)						Thermostat (Each)	Battery (Each)	Fire Extinguisher (Each)	Lead Vent Pipe (Each)	Underground Auto Lift (2-Post Lift)	Generator (Each)	Aboveground Storage Tank (Each)	Underground Storage Tank (Each)
																												4'	8'	U-Shaped	HID	CFL	Halogen								
53	Interior Door/Window Caulk (OM1)	50																			3							8													
53	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						300																																		
53	Floor Tile Mastic, Black (Associated with FT5)							300																																	
53	3/4" Pipe Fitting, Elbow (TSI4)								13																																
53	Joint Compound, Ceiling, White (DW/JC1)									350																															
53	Fire Door (Assumed)												1																												
54	Joint Compound, Ceiling, White (DW/JC1)									125											2							4													
54	Fire Door (Assumed)												1																												
55	Interior Door/Window Caulk (OM1)	25																			2							8													
55	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						150																																		
55	Floor Tile Mastic, Black (Associated with FT5)							150																																	
55	Joint Compound, Ceiling, White (DW/JC1)									125																															
55	Fire Door (Assumed)												1								2							8													
56	Interior Door/Window Caulk (OM1)	25																			2							8													
56	Joint Compound, Ceiling, White (DW/JC1)									125																															
56	Fire Door (Assumed)												1																												
57	Joint Compound, Ceiling, White (DW/JC1)									125											2							8													
57	Fire Door (Assumed)												1																												
58	Interior Door/Window Caulk (OM1)	50																			4							16													
58	Joint Compound, Ceiling, White (DW/JC1)									225																															
58	Fire Door (Assumed)												1																												
59	Joint Compound, Ceiling, White (DW/JC1)									3775											16		1					48			2		2		7	4					
59	Joint Compound, Wall, White (DW/JC1)									150																															
59	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										300																														
59	Fire Door (Assumed)												2																												
60	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						175														2							8													
60	Floor Tile Mastic, Black (Associated with FT7)							175																																	
60	Joint Compound, Ceiling, White (DW/JC1)									175																															
60	Fire Door (Assumed)												1																												
61	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						175														2							8													
61	Floor Tile Mastic, Black (Associated with FT7)							175																																	
61	Joint Compound, Ceiling, White (DW/JC1)									175																															
61	Fire Door (Assumed)												1																												
62	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						175														2							8													
62	Floor Tile Mastic, Black (Associated with FT7)							175																																	
62	Joint Compound, Ceiling, White (DW/JC1)									175																															
62	Fire Door (Assumed)												1																												
63	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						175														2							4													
63	Floor Tile Mastic, Black (Associated with FT7)							175																																	
63	Joint Compound, Ceiling, White (DW/JC1)									175																															
63	Fire Door (Assumed)												1																												
64	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						175														2							8													
64	Floor Tile Mastic, Black (Associated with FT7)							175																																	
64	Joint Compound, Ceiling, White (DW/JC1)									175																															
64	Fire Door (Assumed)												1																												
65	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						175														2							8								1					
65	Floor Tile Mastic, Black (Associated with FT7)							175																																	
65	Joint Compound, Ceiling, White (DW/JC1)									175																															
65	Joint Compound, Wall, White (DW/JC1)									50																															
65	Fire Door (Assumed)												1																												
66	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						200														2							4													
66	Floor Tile Mastic, Black (Associated with FT7)							200																																	
66	Joint Compound, Ceiling, White (DW/JC1)									200																															
66	Fire Door (Assumed)												1																												
67	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						1125														10							28					1		1	1					
67	Floor Tile Mastic, Black (Associated with FT7)							1125																																	
67	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										100																														
67	Fire Door (Assumed)												2																												
68	Interior Door/Window Caulk (OM1)	175																			24							59			2		1		2						
68	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						150																																		
68	Floor Tile Mastic, Black (Associated with FT7)							150																																	
68	Floor Tile, Cream w/Brown and White Specs, 9X9 (FT8)						2400																																		
68	Floor Tile Mastic, Black (Associated with FT8)							2400																																	
68	Floor Tile, Cream w/Brown Specs, 9X9 (FT9)						300																																		
68	Floor Tile Mastic, Black (Associated with FT9)							300																																	
68	Fire Door (Assumed)												4																												
69	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						175														2							4								1					
69	Floor Tile Mastic, Black (Associated with FT5)							175																																	
69	Fire Door (Assumed)												1																												

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

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BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

TITLE

HAZARDOUS MATERIALS SUMMARY TABLE (4 OF 9)

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM203

SHEET NO.

AREA	ASBESTOS																				PCBs		ODCs					UNIVERSAL WASTE								MISCELLANEOUS MATERIALS					
Location (Room No.)	Asbestos Description (Material, Color, Size)	Caulk (LF)	Sidewalk Expansion Joint (LF)	Transite Window Insert (SF)	Window Glaze (LF)	Plaster Ceiling (SF)	Floor Tile (SF)	Floor Tile Mastic (SF)	Fitting (Each)	Joint Compound (SF: based on square footage of drywall)	Spray Applied Column Fireproofing (SF)	Vibration Dampener (Each)	Fire Door (Each)	Valve Packing (Each)	Cement Asbestos Panel Board (SF)	Built-Up Roof (SF)	1" Plaster Fireproofing (SF)	8" Transite Piping (LF)	Caulk Between Masonry and Steel (LF)	Pipe Insulation (LF)	Ballast (Each)	Transformer (Each)	Water Fountain (Each)	Ice Machine (Each)	Commercial Chiller Unit (Each)	Household Refrigerator / Freezer (Each)	Air Conditioning Unit (Each)	Light Bulbs / Tubes (Each)						Thermostat (Each)	Battery (Each)	Fire Extinguisher (Each)	Lead Vent Pipe (Each)	Underground Auto Lift (2-Post Lift)	Generator (Each)	Aboveground Storage Tank (Each)	Underground Storage Tank (Each)
																												4'	8'	U-Shaped	HID	CFL	Halogen									
70	Floor Tile, Cream w/Green and Gray Blotches, 12X12 (FT1)						15														15							32			2		2		1						
70	Floor Tile Mastic, Black (Associated with FT1)							15																																	
70	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						300																																		
70	Floor Tile Mastic, Black (Associated with FT7)							300																																	
70	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										100																														
71	Floor Tile, Cream w/Brown and White Specs, 9X9 (FT8)						100														2							3													
71	Floor Tile Mastic, Black (Associated with FT8)							100																																	
72	Fire Door (Assumed)												1																			1									
73	Ceiling Plaster, Cream, Textured (S3)					1500															12							56		2	6		1		3	1					
73	Floor Tile, Unknown, 12X12 (FT15)						1500																																		
73	Floor Tile Mastic, Black (Associated with FT15)							1500																																	
73	Joint Compound, Wall, White (DW/JC1)									2400																															
73	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										100																														
73	Fire Door (Assumed)												3																												
74	Ceiling Plaster, Cream, Textured (S3)					300															4							16													
74	Floor Tile, Unknown, 12X12 (FT15)						300																																		
74	Floor Tile Mastic, Black (Associated with FT15)							300																																	
74	Joint Compound, Wall, White (DW/JC1)									500																															
75	Ceiling Plaster, Cream, Textured (S3)					350															6							24													
75	Floor Tile, Unknown, 12X12 (FT15)						350																																		
75	Floor Tile Mastic, Black (Associated with FT15)							350																																	
75	Joint Compound, Wall, White (DW/JC1)									575																															
76	Ceiling Plaster, Cream, Textured (S3)					75															1							4													
76	Joint Compound, Wall, White (DW/JC1)									225																															
77	Ceiling Plaster, Cream, Textured (S3)					75															1							4													
77	Joint Compound, Wall, White (DW/JC1)									300																															
77	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										100																														
78	Ceiling Plaster, Cream, Textured (S3)					150															2							8													
78	Floor Tile, Unknown, 12X12 (FT15)						150																																		
78	Floor Tile Mastic, Black (Associated with FT15)							150																																	
78	Joint Compound, Wall, White (DW/JC1)									450																															
79	Ceiling Plaster, Cream, Textured (S3)					125															2							4													
79	Floor Tile, Unknown, 12X12 (FT15)						125																																		
79	Floor Tile Mastic, Black (Associated with FT15)							125																																	
79	Joint Compound, Wall, White (DW/JC1)									375																															
79	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										100																														
79	Fire Door (Assumed)												1																												
80	Floor Tile, Cream w/Brown Specs, 9X9 (FT9)						100																									2									
80	Floor Tile Mastic, Black (Associated with FT9)							100																																	
80	Fire Door (Assumed)												1																												
81	Floor Tile, Unknown, 12X12 (FT15)						200														4							8			2				1						
81	Floor Tile Mastic, Black (Associated with FT15)							200																																	
81	Fire Door (Assumed)												4																												
82	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						150														2						1	4			2				1						
82	Floor Tile Mastic, Black (Associated with FT7)							150																																	
82	Fire Door (Assumed)												1																												
83	Floor Tile Mastic, Black (Associated with FT2)							50													10								12		2		1		2	2					
83	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						1100																																		
83	Floor Tile Mastic, Black (Associated with FT7)							1100																																	
83	Floor Tile, Cream w/Brown and White Specs, 9X9 (FT8)						2500																																		
83	Floor Tile Mastic, Black (Associated with FT8)							2500																																	
83	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										500																														
83	Fire Door (Assumed)												4																												
84	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										200										1							2													
84	Fire Door (Assumed)												1																												
85	Interior Door/Window Caulk (OM1)	50																			3							5			4				2						
85	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						175																																		
85	Floor Tile Mastic, Black (Associated with FT5)							175																																	
85	Fire Door (Assumed)												2																												
86	Fire Door (Assumed)												1								2							4													

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

TITLE

HAZARDOUS MATERIALS SUMMARY TABLE (5 OF 9)

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM204

SHEET NO.

AREA	ASBESTOS																				PCBs		ODCs					UNIVERSAL WASTE								MISCELLANEOUS MATERIALS					
Location (Room No.)	Asbestos Description (Material, Color, Size)	Caulk (LF)	Sidewalk Expansion Joint (LF)	Transite Window Insert (SF)	Window Glaze (LF)	Plaster Ceiling (SF)	Floor Tile (SF)	Floor Tile Mastic (SF)	Fitting (Each)	Joint Compound (SF, based on square footage of drywall)	Spray Applied Column Fireproofing (SF)	Vibration Dampener (Each)	Fire Door (Each)	Valve Packing (Each)	Cement Asbestos Panel Board (SF)	Built-Up Roof (SF)	1" Plaster Fireproofing (SF)	8" Transite Piping (LF)	Caulk Between Masonry and Steel (LF)	Pipe Insulation (LF)	Ballast (Each)	Transformer (Each)	Water Fountain (Each)	Ice Machine (Each)	Commercial Chiller Unit (Each)	Household Refrigerator / Freezer (Each)	Air Conditioning Unit (Each)	Light Bulbs / Tubes (Each)						Thermostat (Each)	Battery (Each)	Fire Extinguisher (Each)	Lead Vent Pipe (Each)	Underground Auto Lift (2-Post Lift)	Generator (Each)	Aboveground Storage Tank (Each)	Underground Storage Tank (Each)
																												4'	8'	U-Shaped	HID	CFL	Halogen									
87	Ceiling Plaster, Cream, Textured (S3)					25																										1										
87	Fire Door (Assumed)												1																												
88	Fire Door (Assumed)												1								3							6													
89	Interior Door/Window Caulk (OM1)	250																			47						4	102			2		1		1						
89	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						1800																																		
89	Floor Tile Mastic, Black (Associated with FT7)							1800																																	
89	Joint Compound, Wall, White (DW/JC1)									350																															
89	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										200																														
89	Fire Door (Assumed)												2																												
90	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						175																					4			2		1		2	1					
90	Floor Tile Mastic, Black (Associated with FT7)							175																																	
90	Fire Door (Assumed)												3																												
91A	Floor Tile, Cream w/Green and Gray Blotches, 12X12 (FT1)						35														7							17			4		2		4						
91A	Floor Tile Mastic, Black (Associated with FT1)							35																																	
91A	Floor Tile Mastic, Black (Associated with FT2)							5																																	
91A	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						5																																		
91A	Floor Tile Mastic, Black (Associated with FT5)							5																																	
91A	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						550																																		
91A	Floor Tile Mastic, Black (Associated with FT7)							550																																	
91A	Floor Tile, Cream w/Brown and White Specs, 9X9 (FT8)						10																																		
91A	Floor Tile Mastic, Black (Associated with FT8)							10																																	
91A	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										500																														
91B	Fire Door (Assumed)												2								6							12			6				3						
92	Interior Door/Window Caulk (OM1)	50																			3							24													
92	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						400																																		
92	Floor Tile Mastic, Black (Associated with FT7)							400																																	
92	Joint Compound, Ceiling, White (DW/JC1)									400																															
93	Ceiling Plaster, Cream, Textured (S3)					25															7							28													
93	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						500																																		
93	Floor Tile Mastic, Black (Associated with FT7)							500																																	
93	Joint Compound, Ceiling, White (DW/JC1)									500																															
93	Joint Compound, Wall, White (DW/JC1)									250																															
93	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										100																														
93	Fire Door (Assumed)												2																												
94	Floor Tile, Cream w/Green and Gray Blotches, 12X12 (FT1)						100														1							2													
94	Floor Tile Mastic, Black (Associated with FT1)							100																																	
94	Joint Compound, Ceiling, White (DW/JC1)									100																															
94	Fire Door (Assumed)												1																												
95	Floor Tile, Tan w/White and Dark Tan Specs, 12X12 (FT5)						175														3						1	12													
95	Floor Tile Mastic, Black (Associated with FT5)							175																																	
95	Joint Compound, Ceiling, White (DW/JC1)									175																															
95	Fire Door (Assumed)												1																												
96	Floor Tile, Cream w/Green and Gray Blotches, 12X12 (FT1)						200														7							24			2		1		3						
96	Floor Tile Mastic, Black (Associated with FT1)							200																																	
96	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						400																																		
96	Floor Tile Mastic, Black (Associated with FT7)							400																																	
96	Joint Compound, Ceiling, White (DW/JC1)									600																															
96	Joint Compound, Wall, White (DW/JC1)									100																															
96	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										200																														
96	Fire Door (Assumed)												1																												
97	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						120														2							8													
97	Floor Tile Mastic, Black (Associated with FT7)							120																																	
97	Joint Compound, Ceiling, White (DW/JC1)									120																															
97	Fire Door (Assumed)												1																												
98	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						100														2							4													
98	Floor Tile Mastic, Black (Associated with FT7)							100																																	
98	Joint Compound, Ceiling, White (DW/JC1)									100																															
98	Fire Door (Assumed)												1																												

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BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

TITLE

HAZARDOUS MATERIALS SUMMARY TABLE (6 OF 9)

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM205

SHEET NO.

AREA	ASBESTOS																				PCBs		ODCs					UNIVERSAL WASTE								MISCELLANEOUS MATERIALS					
Location (Room No.)	Asbestos Description (Material, Color, Size)	Caulk (LF)	Sidewalk Expansion Joint (LF)	Transite Window Insert (SF)	Window Glaze (LF)	Plaster Ceiling (SF)	Floor Tile (SF)	Floor Tile Mastic (SF)	Fitting (Each)	Joint Compound (SF: based on square footage of drywall)	Spray Applied Column Fireproofing (SF)	Vibration Dampener (Each)	Fire Door (Each)	Valve Packing (Each)	Cement Asbestos Panel Board (SF)	Built-Up Roof (SF)	1" Plaster Fireproofing (SF)	8" Transite Piping (LF)	Caulk Between Masonry and Steel (LF)	Pipe Insulation (LF)	Ballast (Each)	Transformer (Each)	Water Fountain (Each)	Ice Machine (Each)	Commercial Chiller Unit (Each)	Household Refrigerator / Freezer (Each)	Air Conditioning Unit (Each)	Light Bulbs / Tubes (Each)						Thermostat (Each)	Battery (Each)	Fire Extinguisher (Each)	Lead Vent Pipe (Each)	Underground Auto Lift (2-Post Lift)	Generator (Each)	Aboveground Storage Tank (Each)	Underground Storage Tank (Each)
																												4'	8'	U-Shaped	HID	CFL	Halogen									
99	Ceiling Plaster, Cream, Textured (S3)					25															2							8													
99	Floor Tile, Cream w /Carmel Streaks, 12X12 (FT7)						100																																		
99	Floor Tile Mastic, Black (Associated w ith FT7)							100																																	
99	Joint Compound, Ceiling, White (DW/JC1)									100																															
99	Joint Compound, Wall, White (DW/JC1)									50																															
99	Fire Door (Assumed)												1																												
100	Floor Tile, Cream w /Carmel Streaks, 12X12 (FT7)						120														1							4													
100	Floor Tile Mastic, Black (Associated w ith FT7)							120																																	
100	Joint Compound, Ceiling, White (DW/JC1)									120																															
101	3/4" Pipe Fitting, Elbow (TSI4)								4												2							8													
101	Joint Compound, Ceiling, White (DW/JC1)									180																															
101	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										100																														
101	Fire Door (Assumed)												2																												
102	Interior Door/Window Caulk (OM1)	100																			42							42			2		1		3	1					
102	Floor Tile Mastic, Black (Associated w ith FT2)							25																																	
102	Floor Tile, Tan w /White and Dark Tan Specs, 12X12 (FT5)						10																																		
102	Floor Tile Mastic, Black (Associated w ith FT5)							10																																	
102	Floor Tile, Cream w /Carmel Streaks, 12X12 (FT7)						1600																																		
102	Floor Tile Mastic, Black (Associated w ith FT7)							1600																																	
102	Floor Tile Mastic, Black (Associated w ith FT13)							10																																	
102	Fire Door (Assumed)												2																												
103	Floor Tile, Cream w /Brow n and White Specs, 9X9 (FT8)						100														1								2												
103	Floor Tile Mastic, Black (Associated w ith FT8)							100																																	
103	Joint Compound, Ceiling, White (DW/JC1)									100																															
103	Fire Door (Assumed)												1																												
104	Floor Tile, Cream w /Green and Gray Blotches, 12X12 (FT1)						65																																		
104	Floor Tile Mastic, Black (Associated w ith FT1)							65																																	
104	Fire Door (Assumed)												1																												
105	Floor Tile, Cream w /Carmel Streaks, 12X12 (FT7)						100																									2									
105	Floor Tile Mastic, Black (Associated w ith FT7)							100																																	
105	Fire Door (Assumed)												1																												
106	Floor Tile, Cream w /Carmel Streaks, 12X12 (FT7)						100														1							2													
106	Floor Tile Mastic, Black (Associated w ith FT7)							100																																	
106	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										100																														
106	Fire Door (Assumed)												2																												
107	Spray Applied Column Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project										100																														
108	Interior Door/Window Caulk (OM1)	125																			24			2		1	4			48			1		1	1					
108	Floor Tile Mastic, Black (Associated w ith FT2)							2000																																	
108	Floor Tile, Orange w /Cream and Dark Tan Specs, 12X12 (FT14)						2000																																		
108	Floor Tile Mastic, Black (Associated w ith FT14)							2000																																	
108	Joint Compound, Ceiling, White (DW/JC1)									2000																															
108	Fire Door (Assumed)												5																												
108	1" Plaster Fireproofing (Presumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project																1000																								
109																					14							28				4	1			2					
110	Fire Door (Assumed)												1								1						1	2													
111	Fire Door (Assumed)												1																			1									
112																									2							3									
113																					3						1	6													
114	Interior Door/Window Caulk (OM1)	100																			2						1	8													
114	Floor Tile, Orange w /Cream and Dark Tan Specs, 12X12 (FT14)						400																																		
114	Floor Tile Mastic, Black (Associated w ith FT14)							400																																	
115	Interior Door/Window Caulk (OM1)	100																			2					1	1	4													
115	Floor Tile, Unknow n, 12X12 (FT15)						400																																		
115	Floor Tile Mastic, Black (Associated w ith FT15)							400																																	
116	Interior Door/Window Caulk (OM1)	25																			1						1	4													
116	1" Pipe Fitting, Elbow (TSI3)								4																																
116	Fire Door (Assumed)												1																												
117	Interior Door/Window Caulk (OM1)	25																			2						1	8													
117	1" Pipe Fitting, Elbow (TSI3)								4																																
117	Fire Door (Assumed)												1																												

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TERRALOGOS

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

TITLE

HAZARDOUS MATERIALS SUMMARY TABLE (7 OF 9)

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM206

SHEET NO.

AREA	ASBESTOS																				PCBs		ODCs				UNIVERSAL WASTE								MISCELLANEOUS MATERIALS					
Location (Room No.)	Asbestos Description (Material, Color, Size)	Caulk (LF)	Sidewalk Expansion Joint (LF)	Transite Window Insert (SF)	Window Glaze (LF)	Plaster Ceiling (SF)	Floor Tile (SF)	Floor Tile Mastic (SF)	Fitting (Each)	Joint Compound (SF, based on square footage of drywall)	Spray Applied Column Fireproofing (SF)	Vibration Dampener (Each)	Fire Door (Each)	Valve Packing (Each)	Cement Asbestos Panel Board (SF)	Built-Up Roof (SF)	1" Plaster Fireproofing (SF)	8" Transite Piping (LF)	Caulk Between Masonry and Steel (LF)	Pipe Insulation (LF)	Ballast (Each)	Transformer (Each)	Water Fountain (Each)	Ice Machine (Each)	Commercial Chiller Unit (Each)	Household Refrigerator / Freezer (Each)	Air Conditioning Unit (Each)	Light Bulbs / Tubes (Each)						Thermostat (Each)	Battery (Each)	Fire Extinguisher (Each)	Lead Vent Pipe (Each)	Underground Auto Lift (2-Post Lift)	Generator (Each)	Aboveground Storage Tank (Each)	Underground Storage Tank (Each)
																											4'	8'	U-Shaped	HID	CFL	Halogen								
118	Interior Door/Window Caulk (OM1)	25																			1					1	4													
118	1" Pipe Fitting, Elbow (TSI3)								4																															
118	Fire Door (Assumed)												1																											
119	Interior Door/Window Caulk (OM1)	50																			2					1	8													
119	1" Pipe Fitting, Elbow (TSI3)								4																															
119	Fire Door (Assumed)												1																											
120	Interior Door/Window Caulk (OM1)	25																			2						4													
120	1" Pipe Fitting, Elbow (TSI3)								4																															
120	3/4" Pipe Fitting, Elbow (TSI4)								15																															
120	Fire Door (Assumed)												1																											
121	Interior Door/Window Caulk (OM1)	25																			1					1	2													
121	1" Pipe Fitting, Elbow (TSI3)								4																															
121	Fire Door (Assumed)												1																											
122	Interior Door/Window Caulk (OM1)	25																			1						2													
122	1" Pipe Fitting, Elbow (TSI3)								2																															
122	Fire Door (Assumed)												1																											
123	Interior Door/Window Caulk (OM1)	25																			1						2													
123	1" Pipe Fitting, Elbow (TSI3)								4																															
123	Fire Door (Assumed)												1																											
124	Interior Door/Window Caulk (OM1)	25																			2						4													
124	Fire Door (Assumed)												1																											
125	Interior Door/Window Caulk (OM1)	25																			2						8			2				1						
125	Joint Compound, Wall, White (DW/JC1)									400																														
126	Floor Tile Mastic, Black (Associated w ith FT3)							50													5						20			2		1		1	1					
126	Floor Tile Mastic, Black (Associated w ith FT13)							350																																
127	Interior Door/Window Caulk (OM1)	150																			4					1	16			2	1			1	3					
127	Floor Tile Mastic, Black (Associated w ith FT13)							500																																
128	Floor Tile Mastic, Black (Associated w ith FT13)							50																							1									
128	Fire Door (Assumed)												1																											
129	Floor Tile Mastic, Black (Associated w ith FT13)							50																							1									
129	Fire Door (Assumed)												1																											
130	Floor Tile, Orange w /Cream and Dark Tan Specs, 12X12 (FT14)						50														1						4													
130	Floor Tile Mastic, Black (Associated w ith FT14)							50																																
130	Fire Door (Assumed)												1																											
131	Fire Door (Assumed)												1								1						2													
132	1" Pipe Fitting, Elbow (TSI3)								5												1						2					1								
133	Interior Door/Window Caulk (OM1)	50																			5					1	12							1						
133	1" Pipe Fitting, Elbow (TSI3)								20																															
133	Fire Door (Assumed)												1																											
134	6" Pipe Fitting, Straight (TSI1)								4												6						24					1			1					
134	4" Pipe Fitting, Elbow (TSI5)								50																															
134	Vibration Dampeners (Assumed)											3																											
134	Fire Door (Assumed)												1																											
134	Valve Packing (Assumed)													10																										
135	3/4" Pipe Fitting, Elbow (TSI4)								2												3						8			2				4						
136	Fire Door (Assumed)												2								1						2													
137	Fire Door (Assumed)												3								2						4													
138	Fire Door (Assumed)												1								3						6													
139	Fire Door (Assumed)												2								9						18													
139	Valve Packing (Assumed)													10																										
140	Interior Door/Window Caulk (OM1)	75																			16		1				21	2				1			3					
140	Joint Compound, Ceiling, White (DW/JC1)									1050																														
140																																					1			
141	Interior Door/Window Caulk (OM1)	50																			4						4	5				1	1							
141	Joint Compound, Ceiling, White (DW/JC1)									650																														
141	Fire Door (Assumed)												1																											
142	3/4" Pipe Fitting, Elbow (TSI4)								1												1							2				1								
142	Fire Door (Assumed)												3																											
142	Valve Packing (Assumed)													1																										
143	Fire Door (Assumed)												2								3						3													
144	Interior Door/Window Caulk (OM1)	25																													1									
144	Floor Tile, Orange w /Cream and Dark Tan Specs, 12X12 (FT14)						150																																	
144	Floor Tile Mastic, Black (Associated w ith FT14)							150																																
144	1" Pipe Fitting, Elbow (TSI3)								2																															
144	Fire Door (Assumed)												1																											
145	Interior Door/Window Caulk (OM1)	25																			1					1	4				3									
145	Floor Tile, Orange w /Cream and Dark Tan Specs, 12X12 (FT14)						150																																	
145	Floor Tile Mastic, Black (Associated w ith FT14)							150																																
145	1" Pipe Fitting, Elbow (TSI3)								1																															
145	Fire Door (Assumed)												1																											

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

TITLE

HAZARDOUS MATERIALS SUMMARY TABLE (8 OF 9)

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM207

SHEET NO.

AREA	ASBESTOS																				PCBs		ODCs					UNIVERSAL WASTE								MISCELLANEOUS MATERIALS					
Location (Room No.)	Asbestos Description (Material, Color, Size)	Caulk (LF)	Sidewalk Expansion Joint (LF)	Transite Window Insert (SF)	Window Glaze (LF)	Plaster Ceiling (SF)	Floor Tile (SF)	Floor Tile Mastic (SF)	Fitting (Each)	Joint Compound (SF: based on square footage of drywall)	Spray Applied Column Fireproofing (SF)	Vibration Dampener (Each)	Fire Door (Each)	Valve Packing (Each)	Cement Asbestos Panel Board (SF)	Built-Up Roof (SF)	1" Plaster Fireproofing (SF)	8" Transite Piping (LF)	Caulk Between Masonry and Steel (LF)	Pipe Insulation (LF)	Ballast (Each)	Transformer (Each)	Water Fountain (Each)	Ice Machine (Each)	Commercial Chiller Unit (Each)	Household Refrigerator / Freezer (Each)	Air Conditioning Unit (Each)	Light Bulbs / Tubes (Each)						Thermostat (Each)	Battery (Each)	Fire Extinguisher (Each)	Lead Vent Pipe (Each)	Underground Auto Lift (2-Post Lift)	Generator (Each)	Aboveground Storage Tank (Each)	Underground Storage Tank (Each)
																												4'	8'	U-Shaped	HID	CFL	Halogen									
146	Interior Door/Window Caulk (OM1)	25																														1										
146	Floor Tile, Orange w/Cream and Dark Tan Specs, 12X12 (FT14)						150																																			
146	Floor Tile Mastic, Black (Associated with FT14)							150																																		
146	1" Pipe Fitting, Elbow (TSI3)								2																																	
146	Fire Door (Assumed)												1																													
147	Interior Door/Window Caulk (OM1)	25																														1										
147	Floor Tile, Orange w/Cream and Dark Tan Specs, 12X12 (FT14)						150																																			
147	Floor Tile Mastic, Black (Associated with FT14)							150																																		
147	Fire Door (Assumed)												1																													
148	Interior Door/Window Caulk (OM1)	25																														1										
148	Floor Tile, Orange w/Cream and Dark Tan Specs, 12X12 (FT14)						150																																			
148	Floor Tile Mastic, Black (Associated with FT14)							150																																		
148	1" Pipe Fitting, Elbow (TSI3)								2																																	
148	Fire Door (Assumed)												1																													
149	Interior Door/Window Caulk (OM1)	25																			2							4														
149	1" Pipe Fitting, Elbow (TSI3)								2																																	
149	3/4" Pipe Fitting, Elbow (TSI4)								15																																	
149	Fire Door (Assumed)												1																													
150	Interior Door/Window Caulk (OM1)	75																			1					2	1	16														
150	Floor Tile, Orange w/Cream and Dark Tan Specs, 12X12 (FT14)						500																																			
150	Floor Tile Mastic, Black (Associated with FT14)							500																																		
150	1" Pipe Fitting, Elbow (TSI3)								6																																	
150	Fire Door (Assumed)												1																													
151	Interior Door/Window Caulk (OM1)	25																			2							8														
151	Floor Tile, Orange w/Cream and Dark Tan Specs, 12X12 (FT14)						150																																			
151	Floor Tile Mastic, Black (Associated with FT14)							150																																		
151	1" Pipe Fitting, Elbow (TSI3)								2																																	
151	Fire Door (Assumed)												1																													
152	Floor Tile, Cream w/Carmel Streaks, 12X12 (FT7)						15														5							20			2		1		1	1						
152	Floor Tile Mastic, Black (Associated with FT7)							15																																		
152	Floor Tile Mastic, Black (Associated with FT13)							385																																		
Crawl Space	Pipe Fitting, Elbow (Presumed)								125																																	
Crawl Space	3/4" Pipe Insulation (Presumed)																			500																						
Crawl Space	1" Pipe Insulation (Presumed)																			600																						
Crawl Space	1-1/4" Pipe Insulation (Presumed)																			300																						
Crawl Space	2" Pipe Insulation (Presumed)																			200																						
Crawl Space	2-1/2" Pipe Insulation (Presumed)																			200																						
Crawl Space	3" Pipe Insulation (Presumed)																			300																						
Exterior SUI Building	Door/Vent Caulk, White (OM10)	75																			2	2						4			18								1	1	2
Exterior SUI Building	Window Caulk, White (OM11)	1500																																								
Exterior SUI Building	Sidewalk Expansion Joint, Black, SUI Building (OM14)		125																																							
Exterior SUI Building	Built-Up Roof, Black (Assumed), Over BPRU-Occupied Portion of Building															14,000																										
Exterior Dorm Building	Window Insert Caulk, Black (OM16)	3000																																								
Exterior Dorm Building	Window Caulk, White (OM21) (Roofing Building)	200																																								
Exterior Dorm Building	Window Glaze, White (OM19)				4750																																					
Exterior Dorm Building	Window Glaze, White (OM20) (Roofing Building)				350																																					
Exterior Dorm Building	Transite Window Insert, Gray (OM17)			3000																																						
Exterior Dorm Building	Cement Asbestos Panel Board (Assumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project														1100																											
Exterior Dorm Building	Built-Up Roof, Black (Assumed)															13000																					5					
Exterior Dorm Building	8" Transite Piping (Assumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project																	50																								
Interior SUI Building	Caulk Between Masonry and Steel (Assumed) Refer to: Appendix C of EBA's Limited Hazardous Materials Survey Report, included in the contract documents for this project																		Unk																							
TOTALS*		8,775	125	3,000	5,100	2,650	35,585	41,835	438	22,270	3,000	3	173	21	1,100	27,000	1,000	50	Unk	2,100	506	2	4	2	2	5	23	1,254	23	50	94	67	30	1	62	30	5	1	1	1	2

*INTERIOR AREAS WITHIN THE OSTC-OCCUPIED PORTION OF THE SUI BUILDING THAT WILL BE AFFECTED BY THE INSTALLATION OF A NEW FIRE ALARM SYSTEM HAVE NOT BEEN SURVEYED

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	D. KRIEG
APPROVED BY	S. WALDRON
CHECKED BY	S. BURCH
DATE	02-05-15

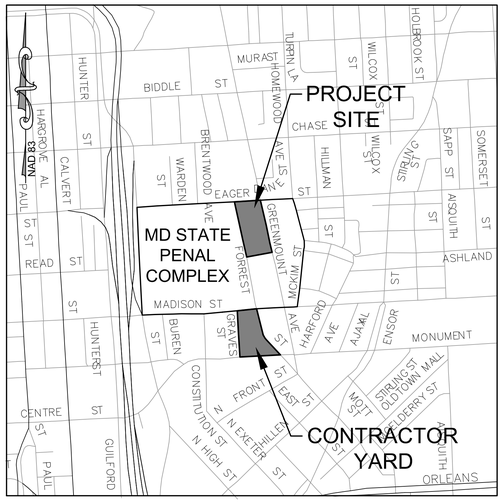
TITLE

HAZARDOUS MATERIALS SUMMARY TABLE (9 OF 9)

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

HM208

SHEET NO.



VICINITY MAP
NOT TO SCALE

ABBREVIATIONS

AC	ACRE	GV	GATE VALVE	RCP, RCCP	REINFORCED CONCRETE CIRCULAR PIPE
AGIP	AT GRADE INLET PROTECTION	HB	HORIZONTAL BEND	RCEP	REINFORCED CONCRETE ELLIPTICAL PIPE
APPROX	APPROXIMATELY	HOR	HORIZONTAL	RT	RIGHT
BLDG	BUILDING	I	INLET	RIM	RIM ELEVATION
C	COMMUNICATION	INV	INVERT	S	SOUTH
C&E	COMMUNICATION AND ELECTRICAL	JT	JOINT	SAN	SANITARY SEWER
CL	CENTER LINE	LT	LEFT	SCE	STABILIZED CONSTRUCTION ENTRANCE
CL	CLASS	LOD	LIMIT OF DISTURBANCE	SD	STORM DRAIN
CMP	CORRUGATED METAL PIPE	MAX	MAXIMUM	SF	SILT FENCE, SQUARE FEET
CO	CLEANOUT	MH	MANHOLE	SHT	SHEET
COM	COMMUNICATION	MIN	MINIMUM	SPEC	SPECIFICATION
CONC	CONCRETE	N	NORTH	SSF	SUPER SILT FENCE
CONST	CONSTRUCTION	NIC	NOT IN CONTRACT	STA	STATION
DIA	DIAMETER	NO	NUMBER	TP	TERRACOTTA PIPE
E	EAST	NTS	NOT TO SCALE	TP	TESTPIT
E	ELECTRICAL	OC	ON CENTER	TR	TRAVERSE
EL	ELEVATION	OD	OUTER DIAMETER	TYP	TYPICAL
ELEC	ELECTRIC, ELECTRICAL	PC	POINT OF CURVATURE	UNO	UNLESS NOTED OTHERWISE
EX	EXISTING	PH	POST HYDRANT	VERT	VERTICAL
EXP	EXPANSION	PI	POINT OF INTERSECTION	W	WATER, WEST
FF	FINISHED FLOOR	PR	PROPOSED	WV	WATER VALVE
FH	HYDRANT	PSI	POUNDS PER SQUARE INCH	WWF	WELDED WIRE FABRIC
FT	FEET	PT	POINT OF TANGENCY	WHC	WATER HOUSE CONNECTION
G	GAS	PVC	POLYVINYL CHLORIDE		
GA	GAUGE, GAGE	R	RADIUS		
GAL	GALVANIZED	R&C	REBAR & CAP		

LEGEND

EX. GRATE INLET
EX. SANITARY SEWER MANHOLE
EX. STORM DRAIN MANHOLE
EX.BOLLARD
EX. ELECTRIC JUNCTION BOX
EX. ELECTRIC MANHOLE
EX. FIRE HYDRANT
EX. GAS VALVE
EX. HAND BOX
EX. SIGNAL POLE
EX. DOWN SPOUT
EX. SIGN
EX. LIGHT POLE
EX. UNKNOWN MANHOLE
EX. PARKING METER
EX. GATE POST
FLOW DIRECTION
EX. TELEPHONE MANHOLE
EX. TREE
EX. WATER METER
EX. WATER VALVE
SOIL BORING
EX. CURB INLET (AND MH WHEN APPLICABLE)
NEW GRATE INLET
NEW STORM DRAIN MANHOLE
NEW SANITARY SEWER MANHOLE
NEW LIGHT
NEW HAND BOX
NEW CLEANOUT
NEW TREE

EX. STORM DRAIN
EX. SANITARY SEWER
EX. GAS
EX. WATER
EX. ELECTRIC
EX. COMMUNICATION
EX. STEAM LINE
PROPERTY LINE
EX. CONTOUR
PROP. STORM DRAIN
PROP. SANITARY SEWER
PROP. GAS
PROP. WATER
PROP. ELECT. DUCT BANK
PROP. ELECT. DIRECT BURIED
EX. CHAIN LINK FENCE
PROP. CONTOUR

PROP. DEMOLITION
PROP. BITUMINOUS CONCRETE PAVEMENT
PROP. BIORETENTION FACILITY
PROP. GRAVEL (UNO)
PROP. PERVIOUS PAVERS
PROP. CONCRETE

UTILITY/MUNICIPALITY COORDINATION INFORMATION

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT UTILITY COMPANIES TO COORDINATE DISCONNECTION OF SERVICE BEFORE REMOVAL.
2. BALTIMORE GAS AND ELECTRIC (BGE): ALL GAS AND ELECTRIC DEMOLITION, THE TERMINATION OF SERVICE, REMOVAL OF METERS, CUTTING CAPPING OF LINES AND WORK IN VICINITY OF HIGH VOLTAGE ELECTRIC SHALL BE PERFORMED BY BGE. THE CONTRACTOR MUST CALL AT LEAST 7-10 DAYS PRIOR TO REQUIRED UTILITY REMOVAL FOR BGE TO SCHEDULE THE WORK.

   CONTACT: JAMES L. McEACHERN
   SENIOR ENGINEERING ANALYST
   STRATEGIC CUSTOMER PLANNING
   7225 WINDSOR BOULEVARD
   BALTIMORE, MD 21244
   410-265-4033
   JAMES.I.MCEACHERN@BGE.COM
3. VERIZON: VERIZON MAY RESERVE THE RIGHT TO ENTER INTO AND TO PERFORM ALL WORK IN THEIR MANHOLES, AND CONTRACTOR MUST CONTACT VERIZON A MINIMUM OF FOUR (4) WEEKS PRIOR TO REQUIRED UTILITY WORK AT (410) 393-3648.
4. BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS (DPW):

   CONTACT: UTILITY BILLING SECTION
   200 N. HOLIDAY ST.
   ABEL WOLMAN MUNICIPAL BUILDING
   ROOM NO. 404
   410-396-5533

   CONTACT: RIGHT-OF-WAY SECTION
   200 N. HOLIDAY ST.
   ABEL WOLMAN MUNICIPAL BUILDING
   ROOM NO. 204
   410-396-5023

   CONTACT: VALVE OPERATIONS
   2331 N. FULTON STREET
   410-396-78007
5. VEOLIA ENERGY: CALL (410-649-2464) TO COORDINATE ANY WORK INVOLVING STEAM AND STEAM TUNNELS.
6. BALTIMORE CITY DEPARTMENT OF TRANSPORTATION: FOLLOW BALTIMORE CITY RIGHT OF WAY CLOSURE PROCEDURES FOR STREET AND SIDEWALK CLOSURES. CONTRACTOR TO PROVIDE MAINTENANCE OF TRAFFIC AND PEDESTRIAN REROUTING PLANS.
7. OTHER CONTACT INFORMATION IS LOCATED WITHIN THE BID DOCUMENTS.

STANDARD UTILITY NOTES

1. THE CONTRACTOR MUST NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST FIVE (5) WORKING DAYS PRIOR BEGINNING WORK.
   BEFORE ANY DIGGING WORK NOTIFY:
   DEPARTMENT OF TRANSPORTATION, STREET LIGHTING SECTION, 410-396-5965.
   DEPARTMENT OF TRANSPORTATION, CONDUIT SECTION, 410-396-6916.
2. NOTIFY WATER AND WASTEWATER MAINTENANCE DIVISION AT 410-396-7870, AT LEAST TWO (2) WEEKS PRIOR TO START UP OF CONSTRUCTION ON THE WATER SERVICE: FOR SANITARY, CONDUIT, STORM WATER SERVICES, CONTACT THE PERMIT INSPECTION SECTION AT 410-396-4840. THE CONTRACTOR MUST RECEIVE WRITTEN NOTICE TO PROCEED FROM WATER AND WASTEWATER MAINTENANCE DIVISION OR THE PERMIT INSPECTION SECTION PRIOR TO PERFORMING WORK.
3. ALL EXISTING WATER VALVES SHALL BE OPERATED BY WATER AND WASTEWATER MAINTENANCE DIVISION FORCES ONLY. NOTIFY 410-396-7807 AT LEAST SEVEN (7) WORKING DAYS IN ADVANCE OF ANY NECESSARY VALVE OPERATIONS.
4. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH "STANDARD SPECIFICATIONS" AND "BOOK OF STANDARDS" FOR THE CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS.
5. THE CONTRACTOR SHALL OBSERVE EXTREME CAUTION WHEN WORKING NEAR OR OVER EXISTING WATER FACILITIES.
6. ALL SERVICES TO BE ABANDONED MUST BE ABANDONED AT THE MAINS AND ALL METERS MUST BE RETURNED TO CITY OF BALTIMORE.
7. THE CONTRACTOR SHALL VERIFY THROUGH THE UTILITY BILLING SECTION AT 410-396-5533 THE SERVICE ACCOUNT AND METER NUMBERS FOR ALL EXISTING WATER SERVICES WHICH WILL REMAIN OR WILL BE ABANDONED AND SHOWN ON THE CONTRACT DRAWINGS.
8. THE CONTRACTOR SHALL NOTIFY BGE AT 410-281-3507, AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
9. THE CONTRACTOR SHALL CONFIRM INVERT ELEVATIONS OF EXISTING WATER MAINS AND ALL UTILITY CROSSINGS PRIOR TO ANY NEW CONSTRUCTION ANY DEVIATION NOTED FROM TEST PIT INFORMATION WILL REQUIRE RED LINE REVISED PLANS APPROVED BY THE UTILITY ENGINEERING SECTION PRIOR TO ANY NEW CONSTRUCTION.
10. STREET LIGHTING CABLES AND POLES SHALL BE PROTECTED AND SERVICE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL CALL BGE (410-281-3507) AT LEAST TWO (2) DAYS PRIOR TO ANY EXCAVATION.
11. CONDUIT EXISTS WITHIN THE WORK AREA. THE CONTRACTOR SHALL USE CAUTION WHEN EXCAVATING OR DEMOLISHING UNDERGROUND STRUCTURES. THE CONTRACTOR SHALL CALL CONDUIT MAINTENANCE AT 410-396-1515 PRIOR TO STARTING WORK.
12. THE APPROXIMATE LOCATION, SIZE AND TYPE OF EXISTING UNDERGROUND UTILITIES, SERVICES AND FACILITIES ARE SHOWN FOR CONVENIENCE ONLY, NEITHER THE OWNER, CITY OF BALTIMORE, NOR THE ENGINEER ASSURES OR GUARANTEES THE ACCURACY OF THE INFORMATION SHOWN. THE CONTRACTOR MUST VERIFY SUCH INFORMATION TO THE CONTRACTORS' OWN SATISFACTION BEFORE STARTING WORK, BY MEANS OF TEST PITTING, BORINGS AND/OR FIELD MEASUREMENTS. NO ADDITIONAL COST OR TIME EXTENSIONS SHALL BE GRANTED FOR UNCHARTED UTILITIES, SERVICES, OR FACILITIES WHICH DO NOT CAUSE A CHANGE IN THE SCOPE OF WORK.
13. PVC PIPE SHALL CONFIRM TO THE REQUIREMENT OF ASTM D-3034 SDR 35 AND PVC JOINTS SHALL CONFIRM TO THE REQUIREMENTS OF ASTM D-2312.
14. THE CONTRACTOR SHALL PAY FOR SERVICES OF ANY PRIVATE COMPANY OR AGENCY TO LOCATE THE UNDERGROUND UTILITIES AT NO INCREASE TO THE CONTRACT SUM.

TRAFFIC NOTES

1. THE CONTRACTOR SHALL CONTACT MR. ROBERT E. FERGUSON OF THE DEPARTMENT OF TRANSPORTATION AT 443-984-2153 TWO (2) WEEKS BEFORE CONSTRUCTION BEGINS AND ONE (1) WEEK PRIOR TO NY CHANGES TO THE MAINTENANCE OF TRAFFIC (MOT) PLAN.
2. ALL EXCAVATIONS AND TRENCHES SHALL BE STEEL PLATED AT THE END OF EACH WORKDAY AND "STEEL PLATE AHEAD" WARNING SIGNS DISPLAYED IN ADVANCE.
3. THE CONTRACTOR SHALL SUPPLY, INSTALL, AND MAINTAIN ALL TRAFFIC CONTROL EQUIPMENT FOR THE DURATION OF THIS CONTRACT.
4. ALL TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION AND REVISIONS OF THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE MARYLAND STATE HIGHWAY ADMINISTRATION (SHA) WORK ZONE TRAFFIC CONTROL STANDARDS.
5. IN ORDER TO WORK IN THE PUBLIC RIGHT-OF-WAY THE CONTRACTOR SHALL OBTAIN PERMITS FROM THE DEPARTMENT OF PUBLIC WORKS (DPW) PERMITS DIVISION. APPLICATIONS FOR PERMITS ARE ACCEPTED AT THE DPW PERMITS DIVISION IN THE ABEL WOLMAN MUNICIPAL BUILDING LOBBY, 200 N. HOLIDAY STREET, TELEPHONE 410-396-6865 OR 410-396-4508. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TRAFFIC INSPECTION AND/OR REVIEW FEES DURING THE PERMIT REVIEW AND/OR CONSTRUCTION AT NO INCREASE TO THE CONTRACT SUM.
6. NO WORK, LANE CLOSURES, OR DISRUPTIONS OF TRAFFIC ARE PERMITTED ON FORREST STREET, GREENMOUNT AVENUE OR EAST EAGER STREET BETWEEN THE HOURS OF 6:00AM TO 9:00 AM AND 3:00 PM TO 6:00 PM WEEKDAYS. THE FULL WIDTH OF ROADWAY SHALL BE OPEN TO TRAFFIC AT THE END OF EACH WORKDAY.
7. THE CONTRACTOR SHALL MAINTAIN A MINIMUM FOUR FOOT (4') WIDE PEDESTRIAN FOOTWAY OR IMPLEMENT AN APPROPRIATE PEDESTRIAN DETOUR WHILE ACTIVELY WORKING IN THE AREAS DESIGNATED AS SIDEWALK ALONG THE WEST SIDE OF FORREST STREET, GREENMOUNT AVENUE, OR EAST EAGER STREET.
8. THE CONTRACTOR MUST MAINTAIN A MINIMUM OF 1 TEN -FOOT (10') LANE OF TRAFFIC IN EACH DIRECTION OF TRAVEL ON FORREST STREET, EAST EAGER STREET AND GREENMOUNT AVENUE AT ALL TIMES.
9. THE CONTRACTOR IS RESPONSIBLE FOR ANY SIGNING AND PAVEMENT MARKINGS DAMAGED OR DESTROYED DURING CONSTRUCTION, INCLUDING THOSE OUTSIDE THE PROJECT LIMITS AT NO INCREASE TO THE CONTRACT SUM.
10. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY TEMPORARY "NO STOPPING" SIGNING THAT WILL BE NECESSARY TO COMPLETE THIS PROJECT.
11. THE CONTRACTOR MUST MAINTAIN INGRESS AND EGRESS TO ALL LOCAL BUSINESSES AND RESIDENCES.
12. NO WORK, LANE CLOSURE OR DISRUPTION OF TRAFFIC SHALL OCCUR DURING THE THREE (3) HOURS BEFORE OR AFTER ANY STADIUM EVENT.

NOTE:
EXTREME CARE NEEDS TO BE TAKEN WHEN WORKING NEAR THE UNDERGROUND 115,000 VOLT ELECTRIC TRANSMISSION LINES. MISS UTILITY MUST FIRST VERIFY THE LOCATION OF THE UNDERGROUND ELECTRIC TRANSMISSION LINES PRIOR TO PLACING ANY SIGN POSTS AND/OR OTHER TYPE OF GROUND PENETRATING OBJECTS INTO THE EARTH.

GENERAL NOTES

1. PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE DEMOLITION CONTRACTOR SHALL MEET WITH THE OWNER'S REPRESENTATIVES AND BECOME FAMILIARIZED WITH SAFETY REQUIREMENTS AND PRESENT A DEMOLITION SCHEDULE.
2. BEFORE COMMENCING THE DEMOLITION WORK, THE CONTRACTOR SHALL ERECT A CONSTRUCTION FENCE, LOCATE ALL UNDERGROUND UTILITIES AND MANHOLES, DISCONNECT ALL UTILITY SERVICES TO THE STRUCTURES TO BE DEMOLISHED. BGE WILL DISCONNECT ALL ELECTRICAL POWER TO THESE BUILDINGS, BUT IT SHALL BE THE DEMOLITION CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE OF LIVE ELECTRICAL CIRCUITS WITHIN THE BUILDINGS AND UNDERGROUND.
3. THE CONTRACTOR'S PROJECT CONSTRUCTION SECURITY FENCE SHALL BE GALVANIZED STEEL CHAIN LINK, 96-INCHES HIGH, COMPLETE WITH PLASTIC PRIVACY SLATS, FULL HEIGHT AND PERIMETER, INCLUDING GATES. CONSTRUCTION FENCE SHALL BE CONSTRUCTED TO PROVIDE SECURITY AND SAFETY FOR THE PROJECT SITE. SPECIAL MEASURES SHALL BE INCLUDED TO SECURE THE SITE FROM THEFT AND VANDALISM DURING HOURS WHERE THERE IS NO CONSTRUCTION ACTIVITY. SEE THE ARCHITECTURAL DRAWINGS FOR DETAILS FOR TEMPORARY AND PERMANENT PERIMETER SECURITY FENCING FOR THE MARYLAND PENAL COMPLEX.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UNDERGROUND UTILITIES MARKED BEFORE ANY DISCONNECTING, REMOVING, CAPPING, AND/OR DEMOLITION BEGINS. THE CONTRACTOR SHALL HIRE ITS OWN LOCATION SERVICE TO LOCATE THE UNDERGROUND UTILITIES.
5. THE CONTRACTOR SHALL MAKE TEMPORARY REPAIRS TO ANY DAMAGED UTILITY IMMEDIATELY. THE CONTRACTOR SHALL MAKE PERMANENT REPAIRS WITHIN 24 HOURS AT NO EXPENSE TO THE OWNER. ANY REPAIRS MADE TO THE UNDERGROUND UTILITIES BY THE CONTRACTOR SHALL BE INSPECTED AND APPROVED BY A OWNER'S REPRESENTATIVE AND UTILITY OWNER BEFORE ANY BACKFILLING OPERATION OCCURS.
6. THE CONTRACTOR SHALL DIG TEST PITS AS NEEDED TO LOCATE ALL UTILITIES BOTH HORIZONTALLY AND VERTICALLY TO DETERMINE SIZE, CONFIGURATION AND TYPE OF MATERIAL OF THE UTILITY. ALL TEST PITS PERFORMED BY THE CONTRACTOR SHALL BE ACCOMPLISHED AT LEAST TWO (2) WEEKS IN ADVANCE OF CONSTRUCTION AND THE RESULTS PRESENTED TO THE OWNER FOR APPROVAL ON PLANS THAT SHOW VERTICAL AND HORIZONTAL LOCATIONS. THE CONTRACTOR SHALL RESTORE THE AREA DISTURBED BY THE TEST PITS BY PROVIDING APPROPRIATE FILL AND ALL MATERIALS REQUIRED TO RESTORE THE SURFACE TO THE ORIGINAL CONDITIONS.
7. DEPENDING ON THE RESULTS OF THE TEST PITTING OPERATIONS THE STORM DRAIN SYSTEM MAY BE ELEVATED WHILE STILL PROVIDING THE MINIMUM CLEARANCE OF ONE VERTICAL FOOT TO ANY OTHER UTILITY. THE PIPE SLOPES SHALL BE AS DESIGNED AND STILL DRAIN THE BOTTOM OF THE BIORETENTION FACILITY. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS DEPICTING THE CHANGE IN DESIGN FROM THE CONTRACT DOCUMENTS FOR REVIEW AND APPROVAL BY THE AGENCY CONSTRUCTION MANAGER PRIOR TO ORDERING MATERIALS.
8. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS SUCH AS PAVED AREAS, ROADS, ENTRANCES, CURBS, SIDEWALKS, DRIVE WAYS, GRASS, DRAINAGE SWALES, OR ANY OTHER SURFACE TYPES TO THE ORIGINAL CONDITIONS, IF DISTURBED DURING CONSTRUCTION.
9. REPAIRS TO UTILITIES OR PROPERTY DAMAGED AS A RESULT OF CONTRACTOR'S WORK OR METHOD OF OPERATION SHALL BE MADE AT THE CONTRACTORS OWN EXPENSE AND AT NO COST TO THE OWNER OR UTILITY COMPANIES.
10. CONTRACTOR SHALL NOTIFY AND OBTAIN APPROVAL FROM OWNER PRIOR TO ANY CONNECTION TO OR DISCONNECTION OF EXISTING SERVICE LINES.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE ACQUISITION OF ALL REQUIRED EASEMENT(S), RIGHT AND/OR RIGHTS OF WAY PURSUANT TO THE DISCHARGE FROM THE SEDIMENT AND EROSION CONTROL PRACTICES, STORMWATER MANAGEMENT PRACTICES, AND THE DISCHARGE OF STORMWATER ONTO OR ACROSS AND GRADING OF OTHER WORK TO BE PERFORMED ON ADJACENT OR DOWNSTREAM PROPERTIES AFFECTED BY THIS PLAN.
12. THE CONTRACTOR SHALL SUPPLY THE OWNER WITH A SEQUENCE OF CONSTRUCTION FOR REVIEW AND APPROVAL IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
13. ALL DEMOLITION WORK SHALL INCLUDE REMOVAL OF CONSTRUCTION AND DEMOLITION DEBRIS WASTE FROM THE OWNER'S PROPERTY AND DISPOSAL IN ACCORDANCE WITH LOCAL ORDINANCES AND ANTI POLLUTION LAWS.
14. PORTIONS OF WORK TO BE REMOVED SHALL BE WETTED DOWN TO PREVENT DUST.
15. UNSUITABLE SOILS AND SUB-BASE MATERIALS, LOCATED BELOW THE SUB-BASE ELEVATION, SHALL BE IDENTIFIED, APPROVED BY THE AGENCY CONSTRUCTION MANAGER, AND REMOVED FROM THE SITE.
16. THE CONTRACTOR'S FIELD OFFICE SHALL BE LOCATED IN THE AN AREA IDENTIFIED BY THE OWNER AT THE TIME OF CONSTRUCTION, UNLESS NOTED OTHERWISE HERE-IN.
17. VARIOUS HAZARDOUS MATERIALS ARE LOCATED ON SITE AS DESCRIBED IN THE REPORT TITLED "LIMITED HAZARDOUS MATERIAL SURVEY," PREPARED BY EBA, ENGINEERING, INC. THE REPORT IS INCLUDED IN THE SPECIFICATIONS AND ENVIRONMENTAL DRAWINGS AS PART OF THE CONTRACT DRAWINGS DESIGNATED HM. THE CONTRACTOR SHALL FOLLOW THE APPROPRIATE CONTRACT DRAWING, REPORT RECOMMENDATIONS AND SPECIFICATIONS DURING DEMOLITION.
18. DEMOLITION AND CONSTRUCTION PROCEDURES SHALL MINIMIZE INTERFERENCE WITH ADJACENT PROPERTIES AND WITH PUBLIC AND PRIVATE ACCESS TO ADJACENT AND NEARBY SITES.
19. BELOW GRADE STRUCTURES, FOUNDATIONS, FOOTINGS, FLOOR SLABS, AND BASEMENT WALLS SHALL BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS.
20. INFILL OF EXCAVATED AREAS RESULTING FROM DEMOLITION WORK SHALL BE WITH ENGINEERED FILL AS SPECIFIED.
21. THE CONTRACTOR SHALL PROVIDE PEDESTRIAN AND VEHICULAR TRAFFIC CONTROL AROUND SITE. THE CONTRACTOR SHALL PROVIDE A MAINTENANCE OF TRAFFIC (MOT) PLAN AND COORDINATE THE MOT PLAN WITH THE CITY OF BALTIMORE AND THE AGENCY CONSTRUCTION MANAGER.
22. CITY OF BALTIMORE PRE-CERTIFICATION OF CONTRACTOR REGULATIONS MUST BE SATISFIED WITHIN CITY OF BALTIMORE RIGHT-OF-WAY WHERE APPLICABLE.
23. PROVIDE TAMPER-PROOF METAL FASTENERS IN ALL AREAS ACCESSIBLE TO INMATES IN ACCORDANCE WITH SPECIFICATION SECTION 11 19 93, TAMPER -PROOF METAL FASTENERS. THIS INCLUDES EXPOSED FASTENERS, SUPPORTS, ATTACHMENTS, OR CONNECTIONS FOR ALL MATERIALS, EQUIPMENTS, FURNISHINGS, FIXTURES, DOORS & HARDWARE, AND SYSTEMS (STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, SECURITY, IT, TELECOMMUNICATIONS, FOOD SERVICE, WINDOWS, CURTAINWALLS, ETC.)
24. DUE TO THE NATURE OF THE FACILITY THE EXISTING MANHOLE COVERS AND INLET GRATES INSIDE THE SECURE AREA OF THE FACILITY ARE TACK WELDED TO PREVENT REMOVAL. THE CONTRACTOR SHALL COORDINATE THE REMOVAL AND REPLACEMENT OF ANY EXISTING COVER/GRATE WITH THE OWNERS SECURITY. ANY NEW/EXISTING MANHOLES AND/OR INLETS LOCATED INSIDE OF THE POST CONSTRUCTION SECURED AREA SHALL BE MADE SECURE BY THE CONTRACTOR, BY TACK WELDING AND/OR BOLTING THE COVER/GRATE TO ITS RESPECTIVE FRAME.
25. STORMWATER MANAGEMENT FOR THIS PROJECT IS BEING ADDRESSED BY A BIO-RETENTION FACILITY AND THE REMOVAL OF EXISTING IMPERVIOUS AREA. (SEE DRAWING C600, C601, AND C602 FOR MORE DETAIL)
26. TOPOGRAPHY AND EXISTING FEATURES TAKEN FROM A FIELD SURVEY PERFORMED BY DEWBERRY CONSULTANTS LLC. THE FIELD SURVEY WAS SUPPLEMENTED BY DEWBERRY CONSULTANTS LLC WITH THE AVAILABLE GIS DATA AND ADDITIONAL HORIZONTAL UTILITY INFORMATION DERIVED FROM RESPECTIVE UTILITY RECORD DRAWINGS.

CIVIL SHEET INDEX

SHEET NO.	SHEET TITLE
CG000	GENERAL NOTES, LEGEND AND ABBREVIATIONS
C000	OVERALL SITE PLAN
C001	SITE SURVEY
C100	SITE PLAN - EXISTING
C110	SITE PLAN - DEMOLITION
C120	SITE PLAN - GRADING
C130	SITE PLAN - EROSION AND SEDIMENT CONTROL
C131	SITE PLAN - EROSION AND SEDIMENT CONTROL
C140	SITE PLAN - DEVELOPMENT
C150	UTILITIES GENERAL NOTES AND LEGEND
C151	SITE PLAN - UTILITIES
C152	SITE PLAN - STORM DRAIN
C200	SITE GRADING DETAILS
C300	SITE DEVELOPMENT DETAILS
C400	PROFILE - STORM DRAIN
C401	PROFILE - STORM DRAIN
C402	STORM DRAIN DETAILS
C500	EROSION AND SEDIMENT CONTROL NOTES
C501	EROSION AND SEDIMENT CONTROL NOTES
C502	EROSION AND SEDIMENT CONTROL DETAILS
C600	SITE PLAN - STORMWATER MANAGEMENT
C601	ENLARGED SITE PLAN - STORMWATER MANAGEMENT
C602	BIORETENTION NOTES, SPECIFICATIONS, AND DETAILS

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115
TERRALOGOS ECO ARCHITECTURE
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND
DESIGN DEVELOPMENT

PROFESSIONAL CERTIFICATION

I, JOHN E. WALKER,
HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NUMBER: 200931
EXPIRATION DATE: JULY 9, 2015

STATE OF MARYLAND JOHN EDWARD WALKER No. 200931 PROFESSIONAL ENGINEER

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

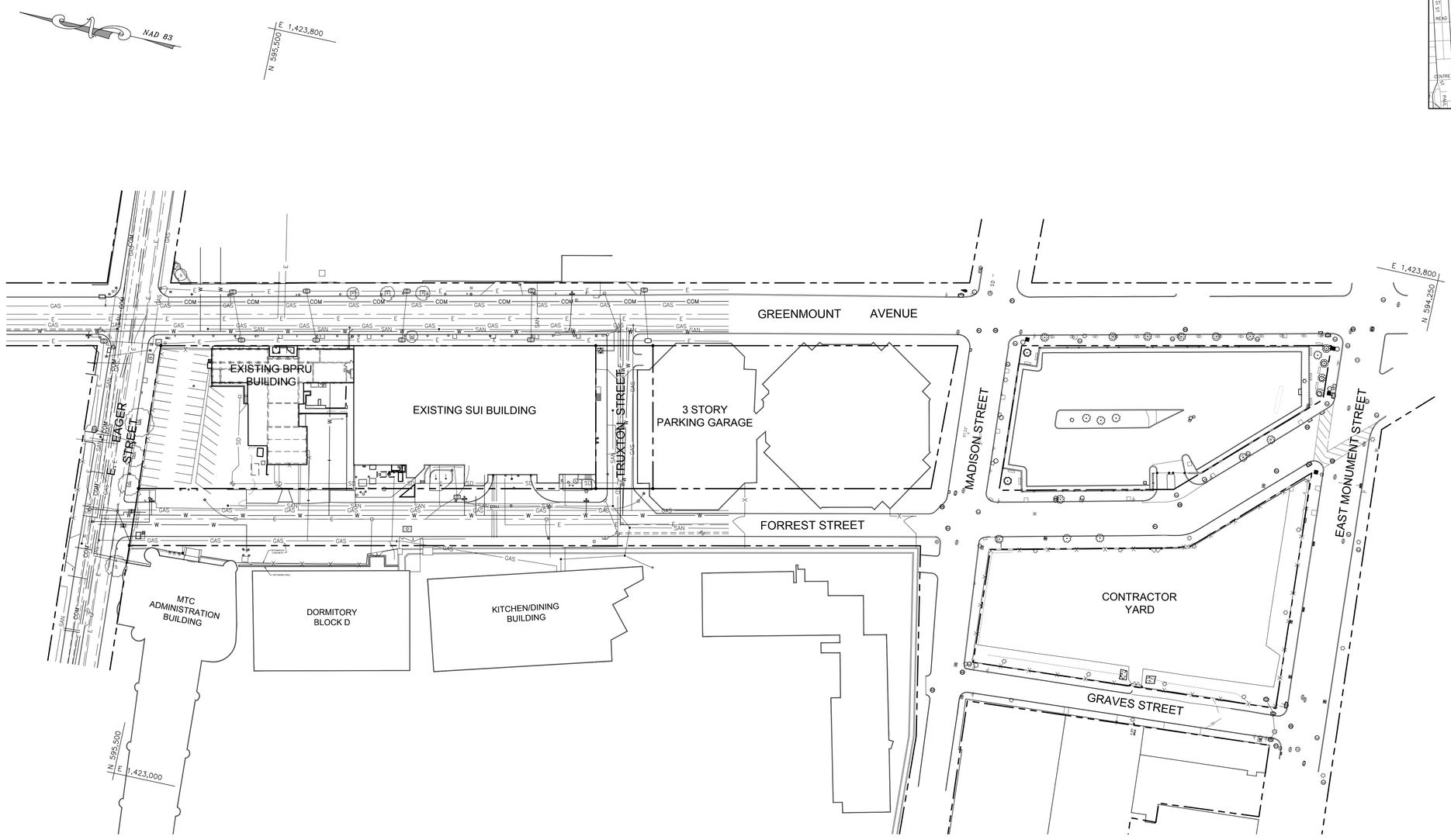
TITLE

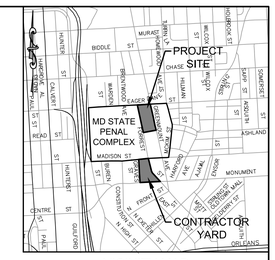
GENERAL NOTES, LEGEND AND ABBREVIATIONS

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

CG000

SHEET NO.





VICINITY MAP
NOT TO SCALE

1 / C000 OVERALL SITE PLAN

SCALE: 1" = 50'

SHEET NOTES

1. SEE SHEET CG000 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. SEE SHEET C130 FOR PROJECT SITE EROSION AND SEDIMENT CONTROL REQUIREMENTS.
3. SEE SHEET C131 FOR CONTRACTOR YARD EROSION AND SEDIMENT CONTROL REQUIREMENTS.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

TITLE

OVERALL SITE PLAN

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C000

SHEET NO.

(NAD83/NAVD11)

STORM DRAIN ELEVATION TABLE

Point	Description	Top Rim	Invert Out	Invert In	Invert In	Cl Channel	Notes
1134	STORM MANHOLE	65.55	56.62 (W) 18"	56.66 (NE) 15"	57.25 (NW) 15"	--	--
1517	STORM MANHOLE	65.36	--	--	--	--	--
1575	STORM MANHOLE	76.93	--	--	--	--	--
1599	STORM MANHOLE	76.77	--	--	--	--	--
1653	STORM MANHOLE	78.19	--	--	--	--	--
1661	STORM MANHOLE	76.21	--	--	--	--	--
1662	STORM MANHOLE	76.32	--	--	--	--	--
2035	STORM MANHOLE	76.04	68.82 (S)15"	69.76 (E) 8"	--	--	--
2433	STORM MANHOLE	65.07	60.60 (S)	--	--	--	--
2001S	STORM MANHOLE	62.37	51.93' (S)	53.70 (E)	51.96 (N)	--	--
1079	INLET	66.38	--	--	--	--	--
1131	INLET	65.59	--	--	--	--	--
1132	INLET	65.37	--	--	--	--	--
1356	INLET	76.10	--	--	--	--	--
2024	INLET	73.80	74.58 (W) 6"	--	--	--	--
2428	INLET	64.96	61.31 (SW)	--	--	--	--
2748	INLET	72.71	--	--	--	--	--

SANITARY ELEVATION TABLE

Point	Description	Top Rim	Invert Out	Invert In	Invert In	Cl Channel	Notes
1362	SANITARY MANHOLE	69.49	59.39	--	--	--	PER CONTRACT DRAWING # 8, CONTRACT # 48
1648	SANITARY MANHOLE	77.35	--	--	--	69.70	--
1654	SANITARY MANHOLE	77.51	--	--	--	--	--
1664	SANITARY MANHOLE	76.42	66.46	66.50	--	--	--
2086	SANITARY MANHOLE	75.43	66.49 (E)12"	--	--	--	--
2438	SANITARY MANHOLE	64.95	54.97 (S)	54.98 (NE)	55.68 (NW)	--	8 "
2450	SANITARY MANHOLE	68.77	--	--	--	--	--
2697	SANITARY MANHOLE	67.80	--	--	--	58.45	FILL WITH DEBRIS
2463	SANITARY MANHOLE	65.35	55.54 (SW)	55.58 (N)	55.69 (E)	--	--
16	SANITARY MANHOLE	--	64.21(S)	--	--	--	NOT FOUND;PER CONTRACT DRAWING # 8, CONTRACT # 48

ELECTRIC ELEVATION TABLE

Point	Description	Top Rim
1143	ELECTRIC MANHOLE	67.98
1154	ELECTRIC MANHOLE	70.80
1213	ELECTRIC MANHOLE	64.68
1219	ELECTRIC MANHOLE	68.23
1225	ELECTRIC MANHOLE	67.60
1233	ELECTRIC MANHOLE	70.34
1344	ELECTRIC MANHOLE	74.14
1349	ELECTRIC MANHOLE	72.42
1429	ELECTRIC MANHOLE	75.98
1438	ELECTRIC MANHOLE	74.09
1445	ELECTRIC MANHOLE	72.47
1601	ELECTRIC MANHOLE	77.10
1651	ELECTRIC MANHOLE	78.09
1657	ELECTRIC MANHOLE	77.74
1680	ELECTRIC MANHOLE	78.14
1688	ELECTRIC MANHOLE	78.25
2155	ELECTRIC MANHOLE	70.49
2271	ELECTRIC MANHOLE	69.09
2425	ELECTRIC MANHOLE	65.59
2574	ELECTRIC MANHOLE	64.86

TELEPHONE ELEVATION TABLE

Point	Description	Top Rim
1798	Telephone Manhole	77.74
1953	Telephone Manhole	77.66
1951	Telephone Manhole	78.09

GENERAL NOTES

1. COORDINATES AND BEARINGS SHOWN HERSON ARE DERIVED FROM THE MARYLAND STATE PLANE COORDINATES NAD83 (NA2011) DERIVED FROM NGS NSRS USING THE REAL TIME NETWORK "KEYNETGPS" OPERATED BY TRIMBLE VRS NETWORK. THE USE OF AN RTN FOR GEODETIC CONTROL INVOLVES THE COLLECTION AND USE OF ATMOSPHERIC, TROPOSPHERIC AND OTHER CORRECTIONS FROM MULTIPLE CONTROL POINTS SURROUNDING THE PROJECT SITE, RESULTING IN HIGH PRECISION POSITIONAL DATA. THE CONTROL POINTS OF THIS NETWORK ARE NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATIONS OR NGS CORS, AND THE RESULTING MEASUREMENT VECTORS BETWEEN THE GPS RECEIVER AND NETWORK ARE DIRECT MEASUREMENTS TO EXISTING, HIGH ORDER PHYSICAL MONUMENTATION WHICH HAVE BEEN VETTED, MAINTAINED AND DISTRIBUTED BY THE NATIONAL GEODETIC SURVEY.

   GPS RECEIVER TECHNICAL DATA: TRIMBLE R8 ROVER GEODETIC GNSS RECEIVER (GPS L1/L2/L2C, GLONASS FREQUENCIES)

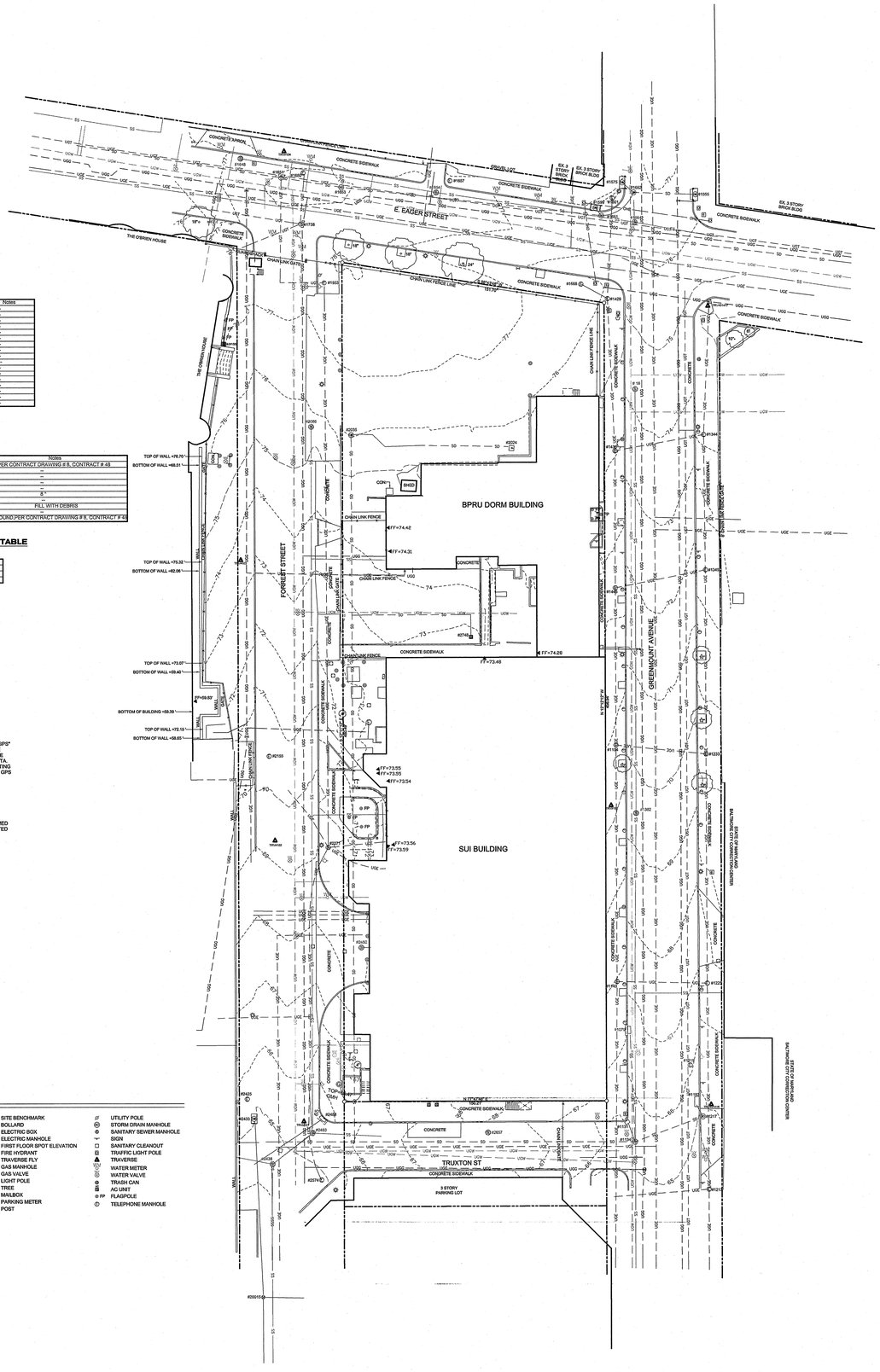
2. THE INFORMATION SHOWN WITHIN THE "SURVEY AREA" IS THE RESULT OF A FIELD SURVEY PERFORMED BY DEWBERRY CONSULTANTS LLC ON OR ABOUT MAY 2013 WITH ADDITIONAL INFORMATION COLLECTED ON OR ABOUT DECEMBER 2014. UTILITY INFORMATION SHOWN IS BASED ON LOCATION OF ABOVE GROUND FEATURES AND SUPPLEMENTED WITH AVAILABLE GIS DATA AND ADDITIONAL HORIZONTAL UTILITY INFORMATION DERIVED FROM DRAWINGS ACQUIRED FROM BALTIMORE CITY.

SURVEY CONTROL

TRAVERSE STATION	NORTHING	EASTING	ELEVATION	SITE NOTES
TRV# 100	595266.191	1423513.285	70.24	CROSS CUT
TRV# 101	595052.563	1423378.933	65.46	MAG NAIL
TRV# 102	595206.441	1423329.277	69.34	MAG NAIL
TRV# 103	595359.433	1423276.720	73.57	MAG NAIL
TRV# 104	595593.348	1423252.174	78.62	MAG NAIL
TRV# 31416	595110.624	1423604.980	68.17	GALV PLUG
TRV# 31417	595557.367	1423597.735	74.85	GALV PLUG
BM # 1880	595478.207	1423241.186	77.59	

LEGEND

- EXISTING IRON/METAL FENCE LINE
- EXISTING GATE/ENTRANCE
- EXISTING OVERHEAD ELECTRIC
- EXISTING CONCRETE LINE
- EXISTING BUILDING OUTLINE
- EXISTING CHAIN LINK FENCE LINE
- EXISTING CURB LINE
- EXISTING WALL (TYPE MAY VARY)
- EXISTING UNDERGROUND WATER LINE
- EXISTING UNDERGROUND STORM DRAIN LINE
- EXISTING UNDERGROUND SANITARY SEWER LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING UNDERGROUND TELEPHONE/COMMUNICATIONS LINE
- EXISTING UNDERGROUND GAS LINE
- EXISTING PROPERTY LINE
- SITE BENCHMARK
- BOLLARD
- ELECTRIC BOX
- ELECTRIC MANHOLE
- FIRST FLOOR SPOT ELEVATION
- FIRE HYDRANT
- TRAVERSE FLY
- GAS MANHOLE
- GAS VALVE
- LIGHT POLE
- TREE
- MAILBOX
- PARKING METER
- POST
- UTILITY POLE
- STORM DRAIN MANHOLE
- SANITARY SEWER MANHOLE
- SIGN
- SANITARY CLEANOUT
- TRAFFIC LIGHT POLE
- TRAVERSE
- WATER METER
- WATER VALVE
- TRASH CAN
- AC UNIT
- FLAGPOLE
- TELEPHONE MANHOLE



A JOINT-VENTURE BETWEEN
PSA-DEWBERRY +
PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

100% SCHEMATIC DESIGN SUBMISSION

SEAL

STATE OF MARYLAND
WILLIAM JOSEPH HOLLAND
No. 10881
PROFESSIONAL LAND SURVEYOR
2/19/15

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY	WSR
APPROVED BY	JH
CHECKED BY	
DATE	FEBRUARY 5, 2015

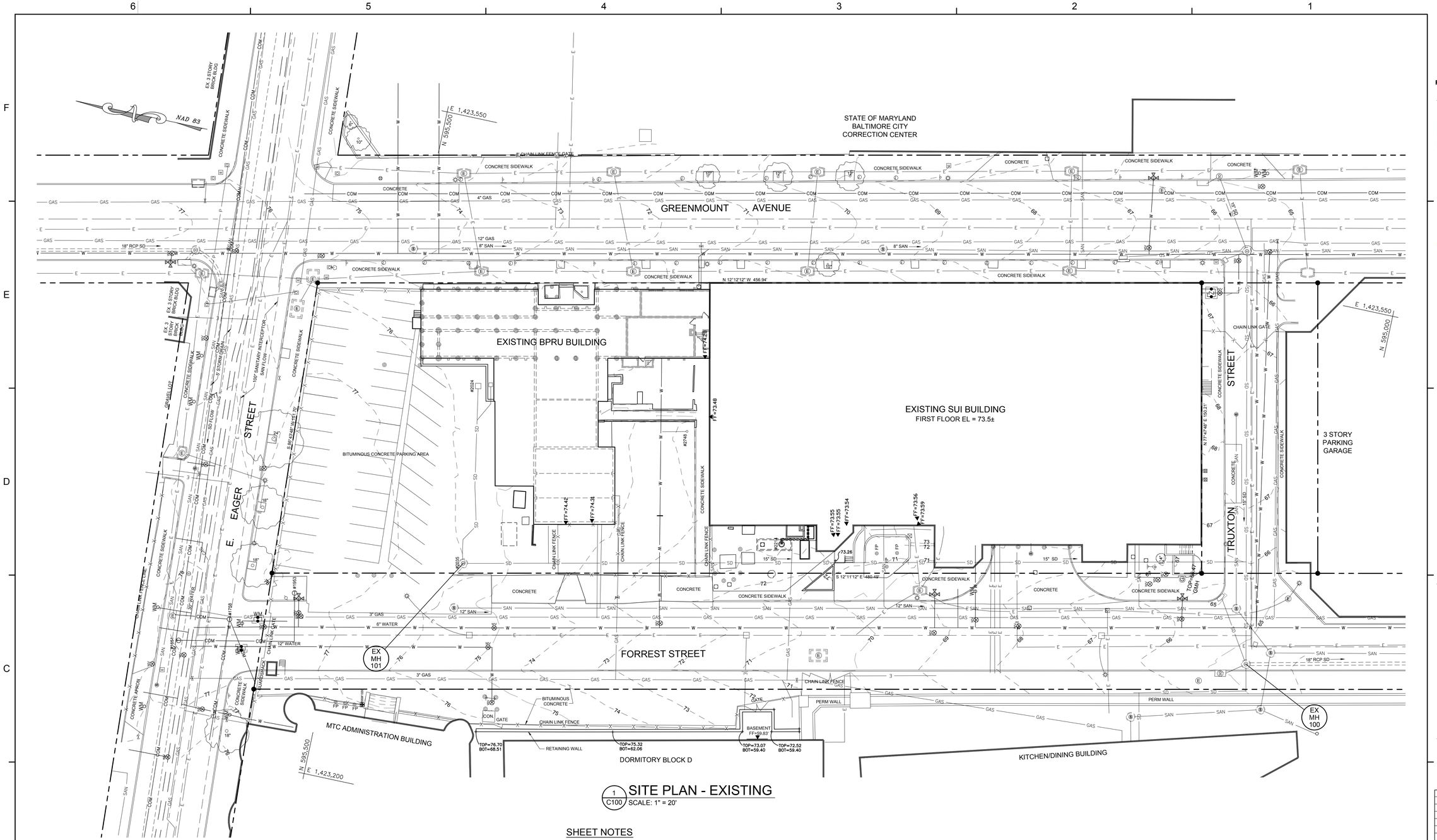
TITLE

SITE SURVEY

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C0

C001

SHEET NO.



1 C100 SITE PLAN - EXISTING
SCALE: 1" = 20'

SHEET NOTES

1. SEE SHEET CG000 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. SEE SHEET C201 FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC.
Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 McCORMICK ROAD
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TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND
DESIGN DEVELOPMENT

PROFESSIONAL CERTIFICATION

I, JOHN E. WALKER,
HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NUMBER: 200931
EXPIRATION DATE: JULY 9, 2015

STATE OF MARYLAND
JOHN EDWARD WALKER
No. 200931
PROFESSIONAL ENGINEER

SEAL

No.	Description	Date

REVISIONS

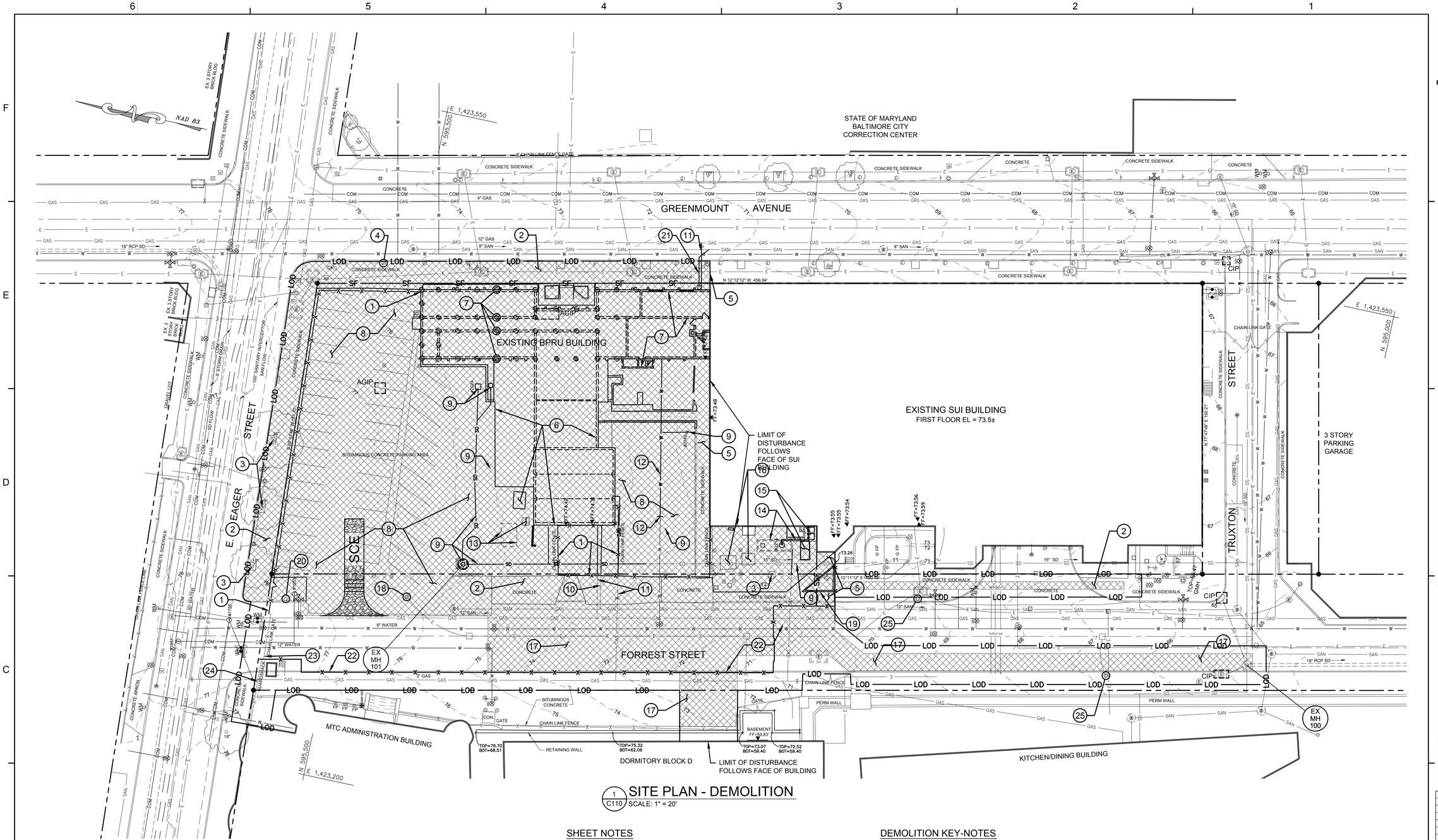
DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

TITLE
SITE PLAN - EXISTING

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C100

SHEET NO.



1 SITE PLAN - DEMOLITION
C110 SCALE: 1" = 20'

HATCH LEGEND

PROP. DEMOLITION

SHEET NOTES

1. SEE SHEET CG000 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. SEE SHEET C201 FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.
3. ALL DEBRIS AND/OR SPOILS SHALL BE REMOVED TO AN APPROVED SITE. NO STOCKPILING SHALL BE ALLOWED ONSITE.
4. BEFORE ANY REMOVAL OF SECURITY PERIMETER FENCE THE CONTRACTOR MUST INSTALL THE TEMPORARY SECURITY PERIMETER FENCE ALONG FORREST STREET. THE FENCE SHALL HAVE AN OPERABLE PANEL TO ALLOW VEHICULAR MOVEMENT ALONG FORREST STREET AND ANOTHER MOVABLE PANEL AT THE ENTRANCE OF THE MTC ADMINISTRATION BUILDING. SHOP DRAWINGS OF THE TEMPORARY SECURITY PERIMETER FENCE SHALL BE SUBMITTED AND APPROVED BY THE AGENCY CONSTRUCTION MANAGER PRIOR TO THE PURCHASE OF MATERIALS AND/OR BEGINNING OF WORK FOR THIS TASK.

DEMOLITION KEY-NOTES

1. REMOVE FENCE AND ALL ASSOCIATED PIPING WITH FOUNDATIONS.
2. REMOVE CONCRETE SIDEWALK.
3. REMOVE TREES AND STUMPS.
4. COORDINATE REMOVAL OF PARKING METERS WITH CITY OF BALTIMORE DEPARTMENT OF TRANSPORTATION.
5. REMOVE CONCRETE SIDEWALK (IN WHOLE PANELS AT SIDEWALK TO REMAIN).
6. REMOVE BPRU BUILDING, SLABS ON GRADE, AND ASSOCIATED APPURTENANCES
7. REMOVE THE TOPS OF THE FOUNDATION WALLS AND SUPPORTING CAISSONS DOWN TO APPLICABLE ELEVATIONS (SEE STRUCTURAL DRAWINGS)
8. REMOVE ENTIRE DEPTH OF ASPHALT INCLUDING BASE, ASSOCIATED CURBING, AND SUB-BASE DOWN TO EARTH.
9. REMOVE STORM DRAIN PIPE AND STRUCTURES (INLETS AND MANHOLE). THE MANHOLE STRUCTURE AND ASSOCIATED PIPING SHALL ONLY BE REMOVED AFTER INSTALLATION OF NEW DOG-HOUSE MANHOLE.
10. REMOVE AND CAP SANITARY SEWER HOUSE CONNECTION.
11. THE CONTRACTOR SHALL COORDINATE THE REMOVAL AND CAPPING OF THE GAS CONNECTION WITH THE ELECTRIC COMPANY.
12. THE CONTRACTOR SHALL COORDINATE THE REMOVAL AND TEMPORARY CAPPING OF THE WATER CONNECTION WITH THE PLUMBING DRAWINGS.
13. REMOVE UNDERGROUND FUEL TANK AND ASSOCIATED FUEL LINES.
14. REMOVE UNDERGROUND FUEL TANK AND ASSOCIATED FUEL LINES.
15. REMOVE GENERATOR, ASSOCIATED ELECTRICAL LINES, FUEL TANK, FUEL LINES, AND CONCRETE PADS. (SEE ELECTRICAL PLANS FOR MORE INFORMATION AND SEQUENCING OF REMOVAL.)
16. THE CONTRACTOR SHALL COORDINATE WITH BGE TO REMOVE ELECTRIC GEAR, TRANSFORMER, ELECTRICAL LINES AND CONCRETE PADS (SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION AND SEQUENCING OF REMOVAL).
17. REMOVE ASPHALT AND BASES AS NEEDED FOR UTILITY CONSTRUCTION.
18. REMOVE LIGHT POLE (SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION).
19. REMOVE TIMBER WALL.
20. REMOVE THE TELEPHONE POLE. THE CONTRACTOR SHALL COORDINATE THE REMOVAL OF THE TELEPHONE POLE WITH VERIZON.
21. CONTRACTOR SHALL TEST PIT TO LOCATE UTILITY AND DETERMINE IF SERVICEABLE. IF THE CONTRACTOR DETERMINES THE UTILITY IS NOT SERVICEABLE THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE AGENCY CONSTRUCTION MANAGER TO OBTAIN A CORRECTIVE MEASURE.
22. CONSTRUCT TEMPORARY SECURITY PERIMETER FENCE. (SEE SPECIFICATIONS FOR DETAILS).
23. REMOVE GATE PANEL AND STORE FOR REINSTALLATION PRIOR TO THE END OF CONSTRUCTION.
24. CONSTRUCT NEW PEDESTRIAN ACCESS GATE IN EXISTING FENCE.\\
25. REMOVE AND RETURN TO THE CITY OF BALTIMORE THE LIGHT FIXTURE AND POST. ABANDON THE FOUNDATION AND CONDUIT IN PLACE WITHOUT ANY DISTURBANCE TO THE GROUND. (SEE ELECTRICAL DRAWINGS FOR MORE DETAILS)

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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TERRALOGOS

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

PROFESSIONAL CERTIFICATION

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STATE OF MARYLAND JOHN EDWARD WALKER No. 200931 PROFESSIONAL ENGINEER

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

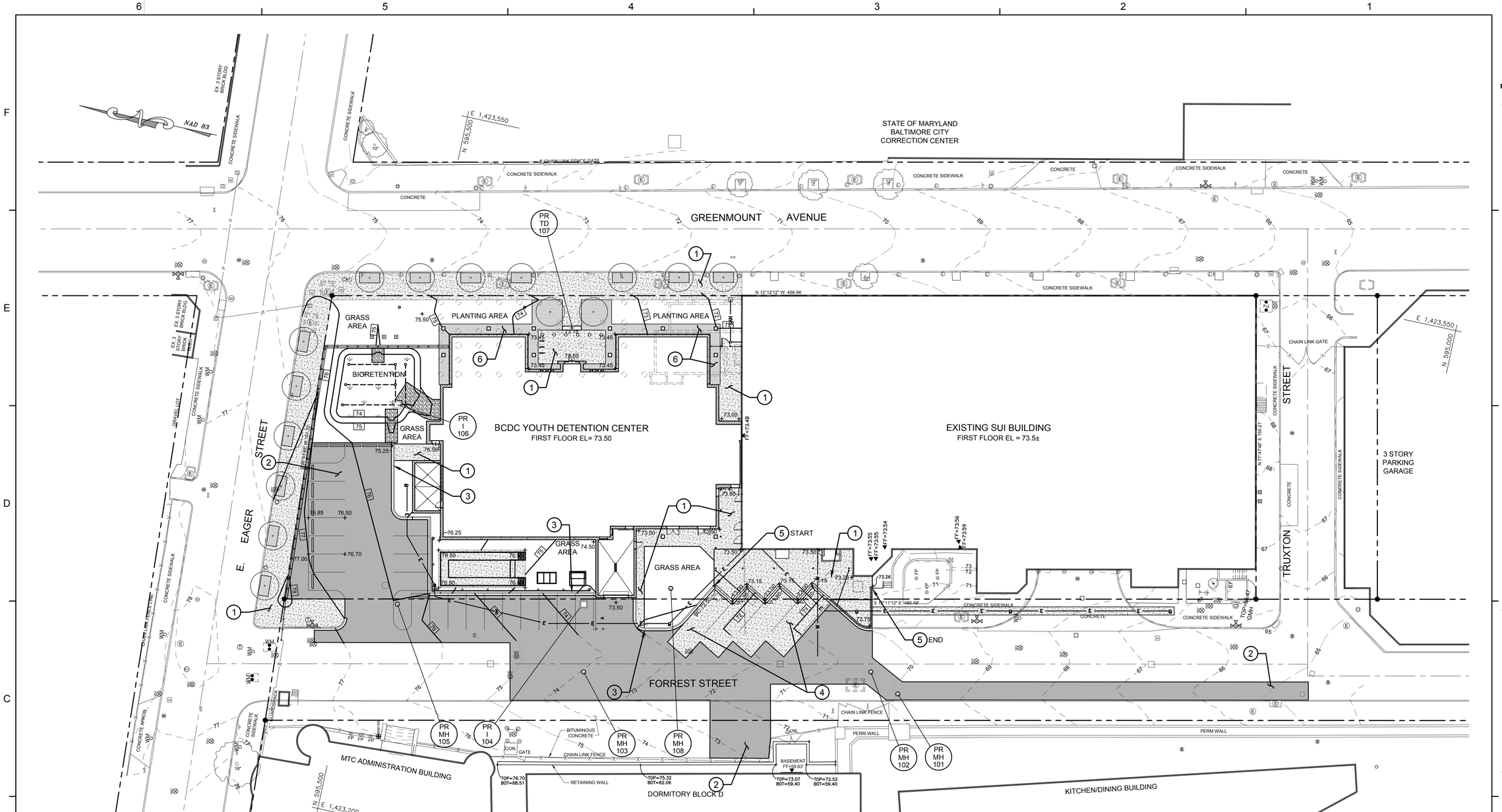
TITLE

SITE PLAN - DEMOLITION

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C110

SHEET NO.



SITE PLAN - GRADING

1 / C120 SCALE: 1" = 20'

HATCH LEGEND

- PROP. BIORETENTION FACILITY
- PROP. CONCRETE
- PROP. BITUMINOUS CONCRETE PAVEMENT
- PROP. PERVIOUS PAVERS
- PROP. GRAVEL

SHEET NOTES

1. SEE SHEET CG000 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. SEE SHEET C201 FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.
3. ALL DEBRIS AND/OR SPOILS SHALL BE REMOVED TO AN APPROVED SITE. NO STOCKPILING SHALL BE ALLOWED ONSITE.
4. SEE SHEET C140 FOR SURFACE FEATURE DETAILS.
5. SEE SHEET C152 FOR STORM DRAIN DETAILS.
6. SEE SHEET C600 FOR BIORETENTION FACILITY (STORMWATER MANAGEMENT) DETAILS

CONSTRUCTION KEY-NOTES

1. NEW CONCRETE SIDEWALK (SEE DETAIL 1 ON SHEET C200).
2. NEW BITUMINOUS CONCRETE PAVING (SEE DETAIL 2 ON SHEET C200).
3. NEW CONCRETE CURB (SEE DETAIL 3 ON SHEET C200).
4. NEW CONCRETE PAVEMENT (SEE DETAIL 5 ON SHEET C200).
5. NEW CONCRETE RETAINING WALL (SEE STRUCTURAL DRAWINGS FOR DETAILS)
6. NEW PERVIOUS PAVERS (SEE ARCHITECTURAL DRAWINGS FOR DETAILS)

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

A JOINT-VENTURE BETWEEN
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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

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SEAL

No.	Description	Date

REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

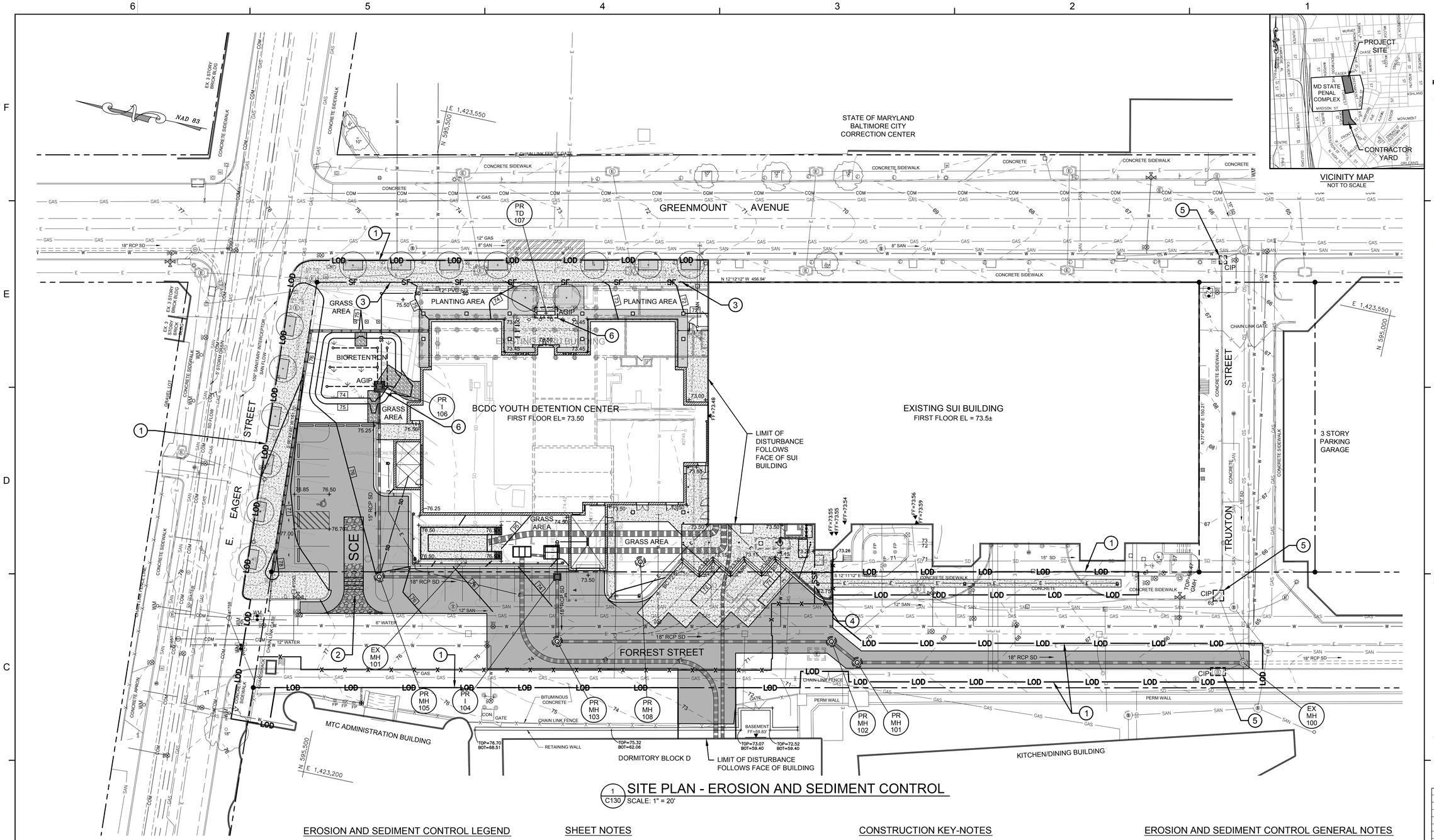
TITLE

SITE PLAN - GRADING

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C120

SHEET NO.



1 C130 SITE PLAN - EROSION AND SEDIMENT CONTROL
SCALE: 1" = 20'

HATCH LEGEND

- PROP. BIORETENTION FACILITY
- PROP. CONCRETE
- PROP. BITUMINOUS CONCRETE PAVEMENT
- PROP. PERVIOUS PAVERS
- PROP. GRAVEL

EROSION AND SEDIMENT CONTROL LEGEND

LOD	LIMIT OF DISTURBANCE
SF	SILT FENCE
SSF	SUPER SILT FENCE
CIP	CURB INLET PROTECTION
AGIP	AT GRADE INLET PROTECTION
SCE	STABILIZED CONSTRUCTION ENTRANCE

SHEET NOTES

1. SEE SHEET CG000 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. SEE SHEET C500 FOR SEQUENCE OF CONSTRUCTION.
3. ALL DEBRIS AND/OR SPOILS SHALL BE REMOVED TO AN APPROVED SITE. NO STOCKPILING SHALL BE ALLOWED ONSITE.
4. SEE SHEET C110 FOR DEMOLITION DETAILS.
5. SEE SHEET C140 FOR SURFACE FEATURE DETAILS.
6. SEE SHEET C152 FOR STORM DRAIN DETAILS.
7. SEE SHEET C500 AND C501 FOR EROSION AND SEDIMENT CONTROL NOTES.
8. SEE SHEET C502 FOR EROSION AND SEDIMENT CONTROL DETAILS.
9. SEE SHEET C600 FOR BIORETENTION FACILITY (STORMWATER MANAGEMENT) DETAILS

CONSTRUCTION KEY-NOTES

1. LIMIT OF DISTURBANCE
2. STABILIZED CONSTRUCTION ENTRANCE
3. SILT FENCE - CONTRACTOR SHALL INSTALL AND RELOCATED SILT FENCE AS CONSTRUCTION PROGRESSES TO PROTECT SEDIMENT LADEN WATER FROM LEAVING THE SITE.
4. SUPER SILT FENCE - CONTRACTOR SHALL INSTALL AND RELOCATE SUPER SILT FENCE AS CONSTRUCTION PROGRESSES TO PROTECT SEDIMENT LADEN WATER FROM LEAVING THE SITE.
5. CURB INLET PROTECTION
6. AT GRADE INLET PROTECTION

EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. EROSION AND SEDIMENT CONTROL WILL STRICTLY ENFORCED.
2. THE USDA-NATURAL RESOURCE CONSERVATION SERVICE WEB SITE HAS IDENTIFIED THE SOILS WITHIN THE PROJECT AREA TO BE "URBAN LAND".
3. IMPERVIOUS AREA BENEATH STABILIZED CONSTRUCTION ENTRANCES (SCEs) MUST BE REMOVED PRIOR TO INSTALLATION.
4. WATER DISCHARGED BY PST(s) OR OTHER PUMPING METHODS MUST BE IN ACCORDANCE WITH ALL STATE, FEDERAL AND LOCAL ENVIRONMENTAL LAWS.
5. NO AREAS SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS THE RUNOFF IS DIRECTED TO AN MDE APPROVED SEDIMENT CONTROL DEVICE.

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

NOTE TO CONTRACTOR:
"EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
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DESIGN DEVELOPMENT

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LICENSE NUMBER: 200931
EXPIRATION DATE: JULY 9, 2015

SEAL

No.	Description	Date

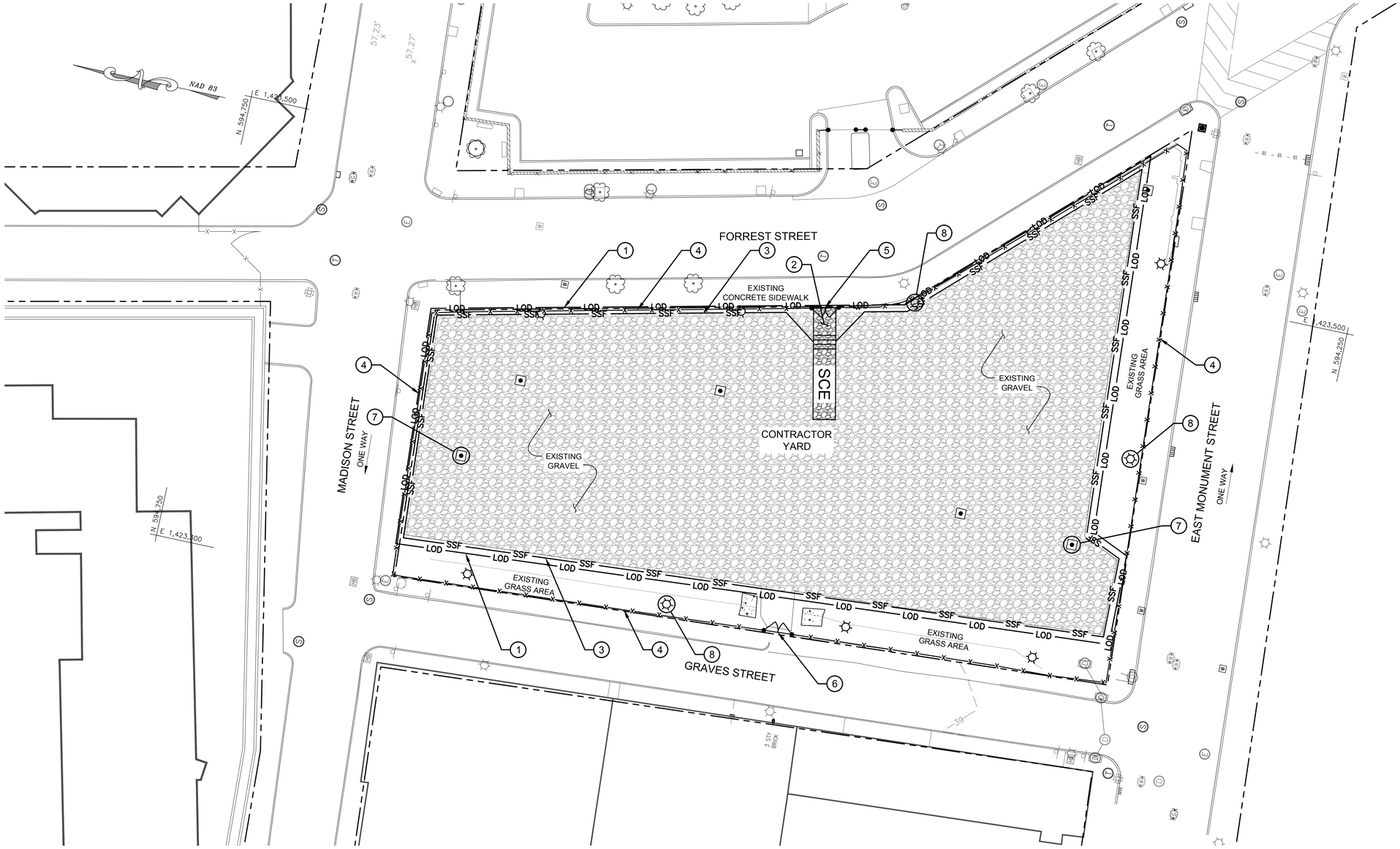
REVISIONS

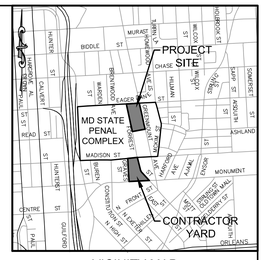
DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

TITLE
SITE PLAN - EROSION AND SEDIMENT CONTROL

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C130
SHEET NO.





VICINITY MAP
NOT TO SCALE

1 / C131 SITE PLAN - EROSION AND SEDIMENT CONTROL

SCALE: 1" = 50'

HATCH LEGEND

EX. GRAVEL

EROSION AND SEDIMENT CONTROL LEGEND

LOD	LIMIT OF DISTURBANCE
SSF	SUPER SILT FENCE
SCE	STABILIZED CONSTRUCTION ENTRANCE
●	MONITORING WELL

SHEET NOTES

1. SEE SHEET CG000 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS..
2. SEE SHEET C500 FOR SEQUENCE OF CONSTRUCTION.
3. ALL DEBRIS AND/OR SPOILS SHALL BE REMOVED TO AN APPROVED SITE. NO STOCKPILING SHALL BE ALLOWED ONSITE.
4. NO SOIL DISTURBANCE IS PROPOSED AT THE CONTRACTORS YARD. EROSION AND SEDIMENT CONTROL PRACTICES BEING UTILIZED ONLY AS A PREVENTATIVE MEASURE.
5. SEE SHEET C500 AND C501 FOR EROSION AND SEDIMENT CONTROL NOTES.
6. SEE SHEET C502 FOR EROSION AND SEDIMENT CONTROL DETAILS.

CONSTRUCTION KEY-NOTES

1. LIMIT OF DISTURBANCE (LOD), THE LOD SHALL FOLLOW THE INSIDE OF THE FENCE WHERE APPLICABLE.
2. STABILIZED CONSTRUCTION ENTRANCE.
3. SUPER SILT FENCE.
4. CONTRACTOR SHALL UTILIZE AND MAINTAIN EXISTING FENCE SYSTEM. (7' HIGH CHAIN LINK FENCE). THE CONTRACTOR SHALL NOT MODIFY THE CONFIGURATION OF THE FENCE SYSTEM.
5. CONTRACTOR SHALL UTILIZE EXISTING GATE.
6. CONTRACTOR SHALL NOT UTILIZE THE ENTRANCE ONTO GRAVES STREET.
7. CONTRACTOR SHALL PROTECT ALL MONITORING WELLS. (TYPICAL)
8. CONTRACTOR SHALL PROTECT ALL SITE LIGHTING. (TYPICAL)

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

NOTE TO CONTRACTOR:
"EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED"

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LICENSE NUMBER: 200931
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SEAL

No.	Description	Date

REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

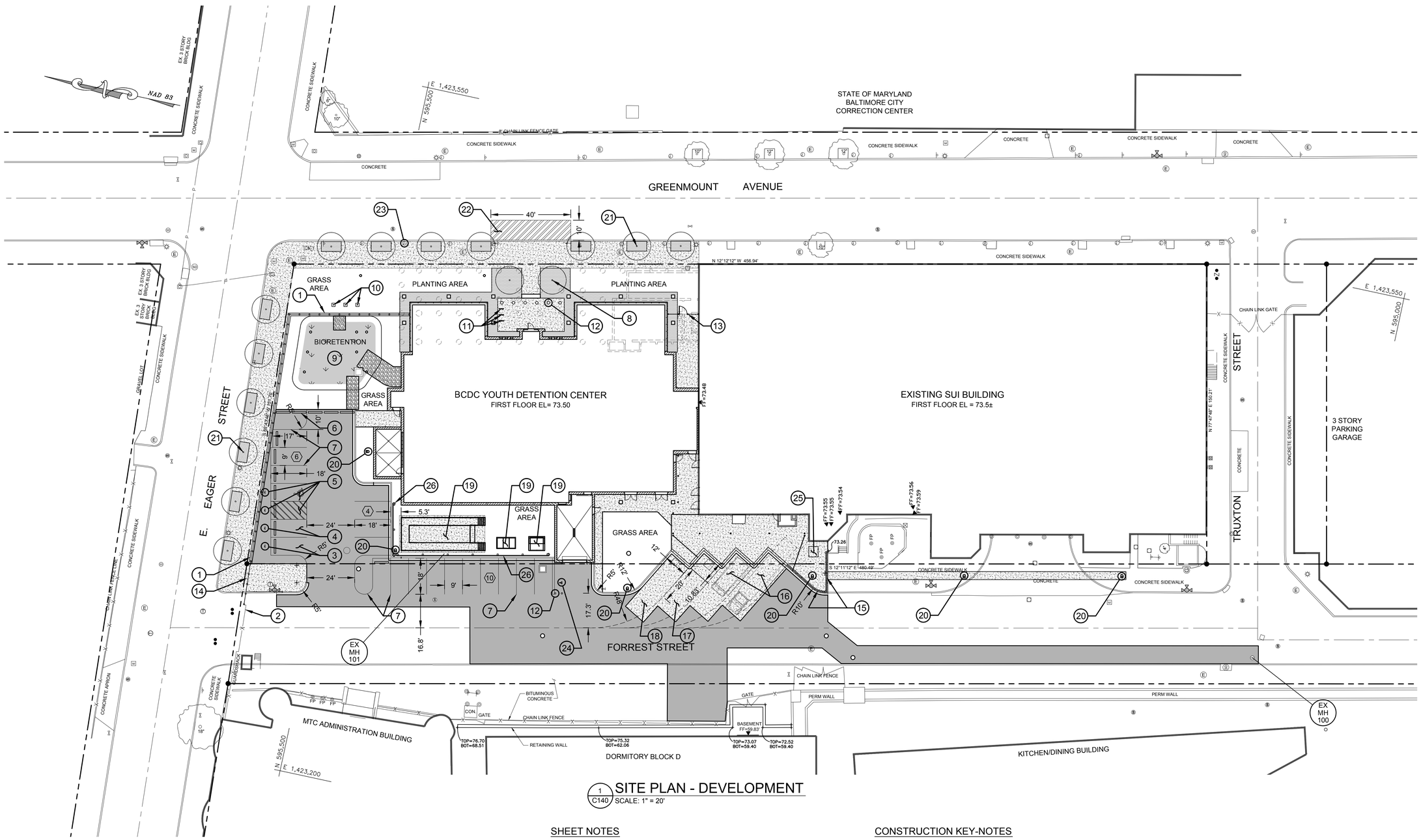
TITLE

SITE PLAN - EROSION AND SEDIMENT CONTROL

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C131

SHEET NO.



1 / C140 SITE PLAN - DEVELOPMENT

SCALE: 1" = 20'

HATCH LEGEND

- PROP. BIORETENTION FACILITY
- PROP. CONCRETE
- PROP. BITUMINOUS CONCRETE PAVEMENT
- PROP. PERVIOUS PAVERS
- PROP. GRAVEL

PARKINGLOT SPACE TABLE

TOTAL NUMBER OF SPACES	25
REGULAR SPACE	16
COMPACT SPACE	1
VAN ACCESSIBLE	
HANDI-CAP SPACE	1
LOW EMISSIONS VEHICLE	1
VAN/CARPOOL SPACE	1
LOADING SPACE	5

SHEET NOTES

1. SEE SHEET CG000 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. SEE SHEET C201 FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.
3. ALL DEBRIS AND/OR SPOILS SHALL BE REMOVED TO AN APPROVED SITE. NO STOCKPILING SHALL BE ALLOWED ONSITE.
4. SEE SHEET C120 FOR GRADING AND STRUCTURAL STABILIZATION DETAILS.
5. SEE SHEET C152 FOR STORM DRAIN DETAILS.
6. SEE SHEET C600 FOR BIORETENTION FACILITY (STORMWATER MANAGEMENT) DETAILS
7. CONTRACTOR SHALL SUBMIT A PARKING STRIPPING PLAN FOR REVIEW AND APPROVAL BY THE AGENCY CONSTRUCTION MANAGER.

CONSTRUCTION KEY-NOTES

1. NEW PERIMETER SECURITY FENCE WITH MASONRY WALL (SEE ARCHITECTURAL DRAWINGS FOR DETAILS).
2. REINSTALL PERIMETER SECURITY FENCE GATE REMOVED DURING DEMOLTION.
3. NEW CARPOOL SPACE WITH SIGN (SEE SHEETC300 FOR VEHICLE SPACE AND SIGN DETAILS).
4. NEW LOW EMISSION VEHICLE (LEV) SPACE WITH SIGN (SEE SHEET C300 FOR VEHICLE SPACE AND SIGN DETAILS).
5. NEW VAN ACCESSIBLE HANDICAP SPACE WITH ACCESS AISLE AND RESPECTIVE SIGNS. (SEE SHEET C300 FOR VEHICLE SPACE AND SIGN DETAILS).
6. NEW PRECAST CONCRETE WHEELSTOP (SEE DETAIL 5 ON SHEET C300).
7. NEW VEHICULAR AND PARKING SPACE STRIPPING.
8. NEW TREE WITH PERVIOUS PAVERS. (SEE LANDSCAPE DRAWINGS FOR MORE DETAIL).
9. NEW BIORETENTION FACILITY (SEE SHEET C600 FOR DETAILS).
10. NEW FLAG POLES (SEE ARCHITECTURAL DRAWINGS FOR DETAILS).
11. NEW BIKE RACKS (SEE ARCHITECTURAL DRAWINGS FOR DETAILS).
12. NEW BOLLARDS (SEE ARCHITECTURAL DRAWINGS FOR DETAILS).
13. NEW PERIMETER SECURITY FENCE WITH GATE (SEE ARCHITECTURAL DRAWINGS FOR DETAILS)
14. NEW FULL HEIGHT PERIMETER SECURITY FENCE (SEE ARCHITECTURAL DRAWINGS FOR DETAILS).
15. NEW GUARDRAIL (SEE ARCHITECTURAL DRAWINGS FOR DETAILS)
16. NEW LOADING SPACES
17. NEW COMPACTOR SPACE
18. NEW DUMPSTER SPACE
19. NEW ELECTRICAL EQUIPMENT (SEE ELECTRICAL DRAWINGS FOR DETAILS).
20. NEW STREET/PARKING LIGHTS (SEE ELECTRICAL DRAWINGS FOR DETAILS).
21. NEW STREET TREE WITH PERVIOUS PAVEMENT (SEE LANDSCAPE PLANS FOR TREE DETAILS).
22. NEW PARALLEL PARKING LOADING SPACE (HATCH SHOWN FOR CLARITY DO NOT PAINT CHEVRONS) (SEE SHEET C300 FOR SIGN DETAILS).
23. PARKING METERS TO BE INSTALLED ALONG GREENMOUNT AVE. PER THE DIRECTION OF THE CITY OF BALTIMORE DEPARTMENT OF TRANSPORTATION.
24. INTERCOM BOLLARD (SEE ELECTRICAL DRAWINGS FOR DETAILS).
25. NEW WALK-IN-REFRIDERATION CONDENSATION UNIT (SEE MECHANICAL DRAWINGS FOR MORE DETAILS).
26. NEW TRAFFIC BARRIER (SEE DETAIL 6 ON SHEET C300).

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS
EBA ENGINEERING
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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

PROFESSIONAL CERTIFICATION

I, JOHN E. WALKER,
HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NUMBER: 200931
EXPIRATION DATE: JULY 9, 2015

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

TITLE

SITE PLAN - DEVELOPMENT

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C140

SHEET NO.

GENERAL NOTES

1. ANY TREES SHOW TO BE PROTECTED, SHALL BE REPLACED IN KIND IF DISTURBED DURING DEMOLITION ACTIVITIES.
2. ALL SIDEWALK AREAS SHOWN OUTSIDE THE PROPERTY LINES ARE WITHIN BALTIMORE CITY RIGHT–OF–WAY. STREET LIGHTS, SIGNS, UTILITIES, PAVEMENT, AND OTHER FEATURES NOT SPECIFICALLY SHOWN TO BE REMOVED ARE TO PROTECTED THROUGHOUT DEMOLITION. ANY DISTURBANCE TO THE PROTECTED FEATURES ARE TO BE REPAIRED OR REPLACED IN KIND TO THE SATISFACTION OF THE RESPECTIVE OWNER.
3. EROSION AND SEDIMENT CONTROL, STORMWATER MANAGEMENT AND ALL WORK, OUTSIDE BALTIMORE CITY RIGHT–OF–WAY WILL BE PERMITTED/APPROVED BY VARIOUS STATE AGENCIES.
4. ALL WORK TO BE DONE IN ACCORDANCE WITH LATEST EDITION OF THE BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS, BUREAU OF HIGHWAYS BOOK OF STANDARDS AS AMENDED TO DATE.
5. FOR TRENCH REPAIR SEE STANDARD PLATE BC–576.19 OR BC–576.20 AS APPLICABLE. USE 2" SUPERPAVE 12.5 MM FOR SURFACE COURSE PG64–22, LEVEL 2.

SURVEY NOTES

1. HORIZONTAL DATUM: BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS.
2. VERTICAL DATUM: BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS
3. LOCATION OF UNDERGROUND UTILITY LINES SHOWN HEREON ARE BASED UTILITY RECORDS, FIELD SURVEYS, AND OTHER RECORDS. NO EXCAVATIONS WERE MADE TO VERIFY UNDERGROUND LOCATIONS, THE CONTRACTOR SHALL NOTIFY "MISS UTILITY AT 1–800–257–7777 AT LEAST FIVE (5) WORKING DAYS PRIOR TO BEGINNING WORK.
4. SANITARY SEWER AND STORM DRAIN INVERT ELEVATIONS ARE BASED UPON RECENT FIELD SURVEYS.
5. THE PROJECT SITE IS NOT LOCATED WITHIN THE 100–YR FLOODPLAIN LIMITS PER FIRM MAP COMMUNITY PANEL NO 2400870011 D, REVISED SEPT. 30, 1988.

UTILITY NOTES

1. STREET LIGHTING CABLES AND POLES SHALL BE PROTECTED WITH ELECTRICAL SERVICE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL CALL BGE (410–281–3507) AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION.
2. DIRECT BURIED CONDUIT AND/OR CONCRETE ENCASED DUCTBANKS MAY EXIST WITHIN THE WORK AREA. THE CONTRACTOR SHALL CALL CONDUIT MAINTENANCE (410–396–1515) PRIOR TO STARTING WORK.
3. UTILITIES ARE SHOWN FROM THE BEST AVAILABLE INFORMATION AND NO GUARANTEE OF COMPLETENESS NOR CORRECTNESS CAN BE GIVEN. THE CONTRACTOR SHALL TEST PIT TO DETERMINE THE EXACT LOCATION AND DEPTH OF ALL EXISTING UTILITY CROSSINGS PRIOR TO THE COMMENCEMENT OF ANY WORK.
4. THE CONTRACTOR WILL USE EXTREME CAUTION DURING EXCAVATION AND/OR INSTALLATION OF ALL WORK SHOWN ON THE PLAN. ALL UTILITIES WILL BE FULLY PROTECTED FROM DAMAGE OR INTERRUPTION.

TRAFFIC NOTES

1. THE CONTRACTOR SHALL CONTACT MR. ROBERT E. FERGUSON OF THE DEPARTMENT OF TRANSPORTATION AT (443) 984–2153 TWO (2) WEEKS BEFORE CONSTRUCTION BEGINS AND ONE (1) WEEK PRIOR TO ANY CHANGES TO THE MAINTENANCE OF TRAFFIC (MOT) PLAN.
2. ALL EXCAVATIONS AND TRENCHES SHALL BE STEEL PLATED AT THE END OF EACH WORKDAY AND "STEEL PLATE AHEAD" WARNING SIGNS DISPLAYED IN ADVANCE.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUPPLY, INSTALL, AND MAINTAIN ALL TRAFFIC CONTROL EQUIPMENT FOR THE DURATION OF THIS CONTRACT.
4. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION AND REVISIONS OF THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE MARYLAND STATE HIGHWAY ADMINISTRATION (SHA) WORK ZONE TRAFFIC CONTROL STANDARDS.
5. IN ORDER TO WORK IN THE PUBLIC RIGHT–OF–WAY THE CONTRACTOR SHALL OBTAIN PERMITS FOR THE DEPARTMENT OF PUBLIC WORKS (DPW) PERMITS DIVISION. APPLICATIONS FOR PERMITS ARE ACCEPTED AT THE DPW PERMITS DIVISION IN THE ABEL WOLMAN MUNICIPAL BUILDING LOBBY, 200 N. HOLIDAY STREET, TELEPHONE (410) 396–6865 OR 396–4508. DURING THE PERMIT REVIEW THE CONTRACTOR MAY BE BILLED ADDITIONAL TRAFFIC INSPECTION FEES NOT RELATED TO ANY PREVIOUS COSTS.
6. THE CONTRACTOR SHALL MAINTAIN A MINIMUM FOUR FOOT (4') WIDE PEDESTRIAN FOOTWAY OR IMPLEMENT AN APPROPRIATE PEDESTRIAN DETOUR WHILE ACTIVELY WORKING IN THE SIDEWALK.
7. THE CONTRACTOR MUST MAINTAIN A MINIMUM OF 1 TEN –FOOT (10') LANE OF TRAFFIC IN EACH DIRECTION OF TRAVEL ON FORREST STREET, EAST MONUMENT STREET AND EAST MADISON STREET AT ALL TIMES.
8. THE CONTRACTOR IS RESPONSIBLE FOR ANY SIGNING AND PAVEMENT MARKINGS DAMAGED OR DESTROYED DURING CONSTRUCTION, INCLUDING THOSE OUTSIDE THE PROJECT LIMITS.
9. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY TEMPORARY NO STOPPING PROHIBITION SIGNING THAT WILL BE NECESSARY TO COMPLETE THIS PROJECT.
10. WHERE APPLICABLE, THE CONTRACTOR MUST MAINTAIN INGRESS AND EGRESS TO ALL LOCAL BUSINESSES AND RESIDENCES.
11. NO WORK, LANE CLOSURE OR DISRUPTION OF TRAFFIC 3 HOURS BEFORE OR AFTER ANY STADIUM EVENT.
12. NO WORK, LANE CLOSURES, OR DISRUPTIONS OF VEHICULAR TRAFFIC ARE PERMITTED ON .....BETWEEN THE HOURS OF 6:00 AM TO 9:00 AM AND 3:00 PM TO 6:00 PM WEEKDAYS. THE FULL WIDTH OF ROADWAY SHALL BE OPEN TO VEHICULAR TRAFFIC AT THE END OF EACH WORKDAY.

WATER NOTES

1. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1–800––257–7777 AT LEAST FIVE (5) WORKING DAYS PRIOR TO COMMENCEMENT OF WORK.
2. THE CONTRACTOR SHALL NOTIFY WATER AND WASTEWATER MAINTENANCE DIVISION (410) 396–7870 AT LEAST TWO (2) WEEKS PRIOR TO START UP OF CONSTRUCTION ON WATER SERVICES, FOR SANITARY, CONDUIT AND STORM DRAIN SERVICES, CONTACT THE PERMIT INSPECTION SECTION AT (410) 396–4840. THE CONTRACTOR MUST RECEIVE WRITTEN NOTICE TO PROCEED FROM THE WATER AND WASTEWATER MAINTENANCE DIVISION OR THE PERMIT INSPECTION SECTION PRIOR TO PERFORMING ANY WORK.
3. THE CONTRACTOR SHALL NOTIFY BALTIMORE CITY, BUREAU OF WATER AND WASTEWATER (410 396–1663) 72 HOURS BEFORE THE COMMENCEMENT OF WORK FOR THE INSTALLATION OF A WATER METER. THE COMPLETED WATER METER INSTALLATION SHALL BE INSPECTED AND APPROVED BY THE WATER AND WASTEWATER MAINTENANCE DIVISION REPRESENTATIVE PRIOR TO PLACEMENT OF THE VAULT TOP SLAB.
4. THE CONTRACTOR SHALL ARRANGE TO PICK UP WATER METERS THROUGH THE WATER AND WASTEWATER MAINTENANCE INSPECTOR.
5. ALL EXISTING WATER VALVES SHALL BE OPERATED BY WATER AND WASTEWATER MAINTENANCE DIVISION FORCES ONLY, NOTIFY ANTHONY STEVENSON (410) 396–7807 AT LEAST SEVEN (7) WORKING DAYS IN ADVANCE OF ANY NECESSARY VALVE OPERATIONS.
6. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PUBLIC WORKS DEVELOPER'S AGREEMENT AND THE BALTIMORE CITY BOOK OF STANDARDS.
7. THE CONTRACTOR SHALL OBSERVE EXTREME CAUTION WHEN WORKING NEAR OR OVER EXISTING WATER SYSTEMS.
8. ALL SERVICES MUST BE FLUSHED PRIOR TO SETTING WATER METERS.
9. SERVICES MUST BE CAPPED AND THE COMPLETED SERVICES WILL BE VISUALLY INSPECTED FOR LEAKS.
10. WHEREVER MORE THAN ONE SERVICE IS INSTALLED TO ANY PROPERTY OR BUILDING, THEN CHECK VALVES MUST BE INSTALLED ON ALL SERVICES, BOTH EXISTING AND PROPOSED TO THE PROPERTY. THESE MUST BE SHOW ON THE DRAWING, AND WILL BE VISUALLY VERIFIED BY THE WATER AND WASTEWATER MAINTENANCE DIVISION, PRIOR TO TURNING ON THE NEW SERVICES. INSTALLATION WITHOUT PROPER CHECK VALVES WILL NOT BE TURNED ON.
11. ALL SERVICES TO BE ABANDONED MUST BE ABANDONED AT THE MAINS AND ALL WATER METERS MUST BE RETURNED TO THE CITY.
12. THE CONTRACTOR MUST VERIFY THROUGH THE UTILITY BILLING SECTION, AT (410) 396–5533, THE SERVICE ACCOUNT NUMBERS AND METER NUMBERS FOR ALL EXISTING WATER SERVICES TO REMAIN OR BE ABANDONED AS SHOWN ON THE PROPOSED PLANS.
13. WATER METERS ARE NOT PERMITTED TO BE INSTALLED IN ROADWAYS OR DRIVEWAYS.
14. THE CONTRACTOR SHALL GIVE WRITTEN NOTES, AS APPROVED BY THE RESIDENT ENGINEER, TO ALL CONSUMERS AFFECTED BY A SHUTDOWN OF THEIR WATER SERVICE. A MINIMUM OF THREE (3) WORKING DAYS NOTICE PRIOR TO THE ACTUAL WORK IS REQUIRED. WATER SERVICES FOUR (4) INCHES AND LARGER MAY NEED TO BE SCHEDULED AT NIGHT OR DURING WEEKENDS UNLESS THE AFFECTED CONSUMER AGREES TO THE SCHEDULE AS PROPOSED BY THE CONTRACTOR.
15. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF WATER AND WASTEWATER METER REPAIR SHOP, (410) 396–0170, AT LEAST ONE (1) WEEK PRIOR TO PICK UP OF THE METER(S).
16. ALL WATER METERS ARE DESIGNATED FOR A SPECIFIC LOCATION OR ADDRESS AND SHALL NOT BE RELOCATED BY THE CONTRACTOR WITHOUT WRITTEN PERMISSION FROM THE BUREAU OF WATER AND WASTEWATER.
17. THE CONTRACTOR SHALL PROVIDE AND INSTALL PRESSURE REDUCING VALVES WHEN THE SUPPLY LINE PRESSURE IS ABOVE 80 PSI.
18. THE CONTRACTOR SHALL PROVIDE AND INSTALL DUCTILE IRON PIPE WHICH SHALL BE CLASS 54.
19. THE CONTRACTOR SHALL CONFIRM INVERT ELEVATIONS OF EXISTING WATER MAINS AND ALL UTILITY CROSSING PRIOR TO ANY NEW CONSTRUCTION. ANY DEVIATION NOTED FROM TEST PIT INFORMATION WILL REQUIRE RED LINE REVISED PLANS APPROVED BY THE UTILITY ENGINEERING SECTION PRIOR TO ANY NEW CONSTRUCTION.

AS-BUILT REVISIONS	REVISIONS			
BY:	NO.	DESCRIPTION	DATE	BY
DATE:				

LEGEND

- 18" AND OVER — EX. STORM DRAIN
- SD — EX. STORM DRAIN
- 16" AND OVER — EX. WATER
- W — EX. WATER
- SAN — EX. SANITARY SEWER
- 16" AND OVER — EX. GAS
- GAS — EX. GAS
- COM — EX. COMMUNICATIONS
- UE — EX. ELECTRIC
- EX. STEAM LINE
- PROPERTY LINE
- X — EX. CHAIN LINK FENCE
- EX. BUILDING
- 49 — EX. CONTOUR
- HVE — EX. HIGH VOLTAGE ELECTRIC
- EX.BOLLARD
- EB — EX. ELECTRIC JUNCTION BOX
- E — EX. ELECTRIC MANHOLE
- EX. FIRE HYDRANT
- GV — EX. GAS VALVE
- HB — EX. HAND BOX
- EX. LIGHT POLE
- EX. UNKNOWN MANHOLE
- EX. PARKING METER
- EX. GATE POST
- FLOW DIRECTION
- D — EX. CURB INLET (AND MH WHEN APPLICABLE)
- EX. GRATE INLET
- D — EX. STORM DRAIN MANHOLE
- EX. SIGN
- EX. SIGNAL POLE
- EX. PEDESTRIAN SIGNAL POLE
- S — EX. SANITARY SEWER MANHOLE
- T — EX. TELEPHONE MANHOLE
- EX. TREE
- W — EX. WATER METER
- WV — EX. WATER VALVE
- B–5 — SOIL BORINGS

BILL OF MATERIALS

QTY	DESCRPTION	SIZE
? LF	DUCTILE IRON PIPE (DIP)	8 INCH
? EA	DETECTOR CHECK METER	8 INCH
? EA	METER VAULT	SIZE
? EA	WATER METER	SIZE
? EA	10" X 10" X 8" TEE	BC 860.01
? EA	10" CAP	BC 861.01
? EA	STANDARD ELBOW DEVICE	BC 857.01

EBA ENGINEERING, INC.
4813 SETON DRIVE
BALTIMORE, MD. 21215
Tel: (410) 358-7171 Fax: (410) 358-7213
www.ebaengineering.com

I, hereby certify that these documents were prepared or approved by me, and that I am professional engineer under the laws of the State of Maryland, License No.:
Expiration Date:

DRAWN BY: J. WALKER
DESIGNED BY: J. WALKER
CHECKED BY: H. PATEL

WATER PLAT	?	WARD:		
SERVICE ZONE	?	SECTION:	SECT.	APP:
WORKING PRESSURE	? PSI	BLOCK:		
TEST PRESSURE	? PSI	LOT:		

BALTIMORE CITY REVIEW	R/W RELEASE	HIGHWAY DESIGN	BRIDGES	DRAINAGE	LIGHTING	CONDUIT	ENVIRONMENTAL ENGINEERING	TRAFFIC ENGINEERING	WASTEWATER ENGINEERING	WATER ENGINEERING	SIGNAL ENGINEERING

CHIEF, UTILITY ENGINEERING SECTION

CHIEF, WATER & WASTEWATER ENGINEERING DIVISION

HEAD, BUREAU WATER & WASTEWATER

DIRECTOR OF PUBLIC WORKS

YOUTH DETENTION CENTER

OWNER: STATE OF MARYLAND DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES
6776 REISTERSTOWN ROAD
BALTIMORE, MD 21215

APPLICANT: CARL LAZEROW

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF WATER & WASTEWATER

DEVELOPER'S AGREEMENT NO: ?

WATER PLAN, PROFILE AND NOTES
ENTER A DESC

SCALE: AS SHOWN DATE: 00/00/00

WATER & WASTEWATER ENGINEERING DIVISION | SHEET OF

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

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BALTIMORE MARYLAND
DESIGN DEVELOPMENT

PROFESSIONAL CERTIFICATION

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LICENSE NUMBER: 200931
EXPIRATION DATE: JULY 9, 2015

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

TITLE

UTILITIES GENERAL NOTES AND LEGEND

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C150

SHEET NO.

AS-BUILT REVISIONS	REVISIONS			
BY:	NO.	DESCRIPTION	DATE	BY
DATE:				

SHEET PROVIDED AS A PLACEHOLDER FOR THE DEVELOPERS AGREEMENT EXHIBIT THAT WILL DEPICT THE PROPOSED UTILITY IMPROVEMENTS

EBA ENGINEERING, INC.
4813 SETON DRIVE
BALTIMORE, MD. 21215
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WATER PLAT	?	WARD:		
SERVICE ZONE	?	SECTION:	SECT.	APP:
WORKING PRESSURE	? PSI	BLOCK:		
TEST PRESSURE	? PSI	LOT:		

BALTIMORE CITY REVIEW	R/W RELEASE	HIGHWAY DESIGN	BRIDGES	DRAINAGE	LIGHTING	CONDUIT	ENVIRONMENTAL ENGINEERING	TRAFFIC ENGINEERING	WASTEWATER ENGINEERING	WATER ENGINEERING	SIGNAL ENGINEERING

CHIEF, UTILITY ENGINEERING SECTION

CHIEF, WATER & WASTEWATER ENGINEERING DIVISION

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WATER PLAN, PROFILE AND NOTES
ENTER A DESC

SCALE: AS SHOWN
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WATER & WASTEWATER ENGINEERING DIVISION
SHEET OF

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JOHN EDWARD WALKER
No. 200931
PROFESSIONAL ENGINEER

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

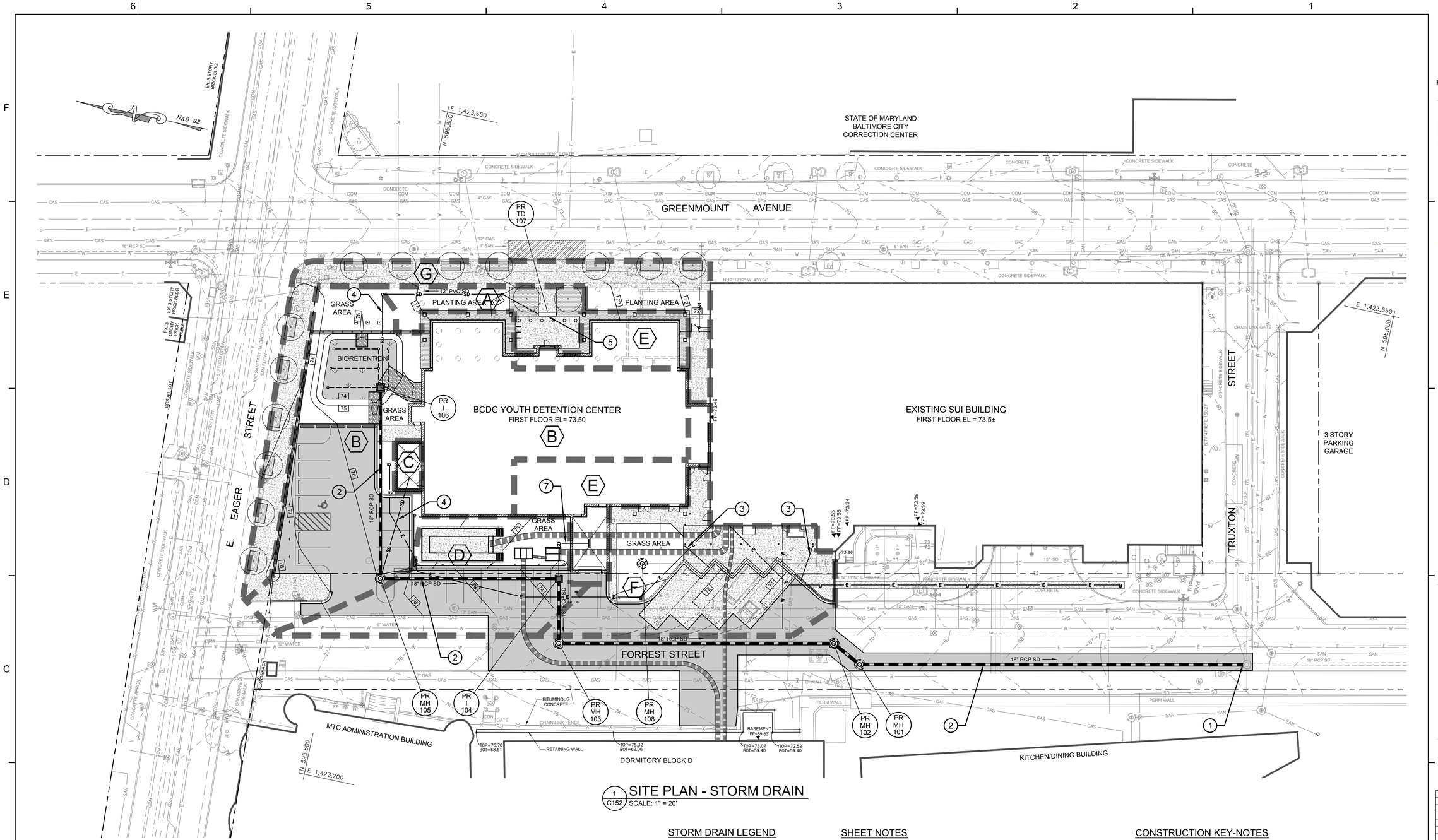
TITLE

SITE PLAN - UTILITIES

PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

C151

SHEET NO.



1 / C152 SITE PLAN - STORM DRAIN

SCALE: 1" = 20'

STORM DRAIN STRUCTURE SCHEDULE

ID	NORTHING*	EASTING*	RIM/TOP	INVERTS						TYPE
				THROAT	NORTH IN	EAST IN	WEST IN	SOUTH IN	OUT	
MH-100	595,036.12	1,423,358.16	64.5±		52.50	53.2±			52.1±	EXISTING MANHOLE
MH-101	595,231.62	1,423,315.98	69.95		56.60				56.50	MD-384.01, 48" DIA. PRECAST MANHOLE
MH-102	595,246.93	1,423,323.75	70.45		58.20				58.10	MD-384.01, 48" DIA. PRECAST MANHOLE
MH-103	595,358.80	1,423,293.79	73.95			60.70			60.60	MD-384.01, 48" DIA. PRECAST MANHOLE
I-104	595,392.85	1,423,326.49	73.25		61.20	64.00			61.10	MD-374.23, PRECAST SINGLE WR INLET
MH-105	595,482.91	1,423,307.05	76.15			62.90/68.80			62.50	MD-384.01, 48" DIA. PRECAST MANHOLE
I-106	595,503.76	1,423,403.46	76.00	74.45	69.90	68.90/69.90		69.90	64.30	MD-387.03, DOUBLE OPENING TYPE K INLET
TD-107	595,427.51	1,423,459.18	73.10						71.60	18" DEEP TRENCH DRAIN
MH-108	595,352.40	1,423,343.26	73.30						65.4±	MD-384.01, 48" DIA. PRECAST MANHOLE

* NORTHING AND EASTINGS ARE TO THE CENTER LINE OF THE STRUCTURE TYPICAL.

STORM DRAIN LEGEND

DRAINAGE AREA DELINEATION

(E) DRAINAGE AREA IDENTIFICATION

STORM DRAIN AREA TABLE

ID	AREA (AC)	Tc (MIN)	STRUCT. ID
A	0.05	5	TD-107
B	0.46	5	I-106
C	0.01	5	MH-105
D	0.14	5	I-104
E	0.15	5	I-104
F	0.18	5	MH-100
G	0.14	5	MH-100

HATCH LEGEND

PROP. BITUMINOUS CONCRETE PAVEMENT

PROP. BIORETENTION FACILITY

PROP. CONCRETE

PROP. GRAVEL

PROP. PERVIOUS PAVERS

SHEET NOTES

1. SEE SHEET CG000 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. SEE SHEET C201 FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.
3. ALL DEBRIS AND/OR SPOILS SHALL BE REMOVED TO AN APPROVED SITE. NO STOCKPILING SHALL BE ALLOWED ONSITE.
5. SEE SHEET C130 FOR EROSION AND SEDIMENT CONTROL DETAILS.
6. SEE SHEET C140 FOR SURFACE FEATURE DETAILS.
7. SEE SHEETS C400 AND C401 FOR STORM DRAIN PROFILES.
8. SEE SHEET C402 FOR STORM DRAIN DETAILS.
9. SEE SHEET C600 FOR BIORETENTION FACILITY (STORMWATER MANAGEMENT) DETAILS.
10. SEE ELECTRICAL DRAWINGS FOR DETAILS OF NEW DUCT BANKS AND ELECTRICAL EQUIPMENT.

CONSTRUCTION KEY-NOTES

1. NEW STORM DRAIN TIE INTO EXISTING PUBLIC STORM DRAIN SYSTEM.
2. NEW CLASS V REINFORCED CIRCULAR CONCRETE PIPE (RCP).
3. NEW 6" SCH-40 ROOF LEADER.
4. NEW YARD LEADER.
5. NEW TRENCH DRAIN (SEE DETAIL 1 ON SHEET C402).
6. NEW 6" SHC 40 PVC ROOF LEADER. ROOF LEADER TO DAYLIGHT IN GUTTER OF CURB IN FORREST STREET.
7. NEW 10" SCH 40 PVC COMBINATION ROOF AND YARD LEADER

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

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STATE OF MARYLAND JOHN EDWARD WALKER No. 200931 PROFESSIONAL ENGINEER

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

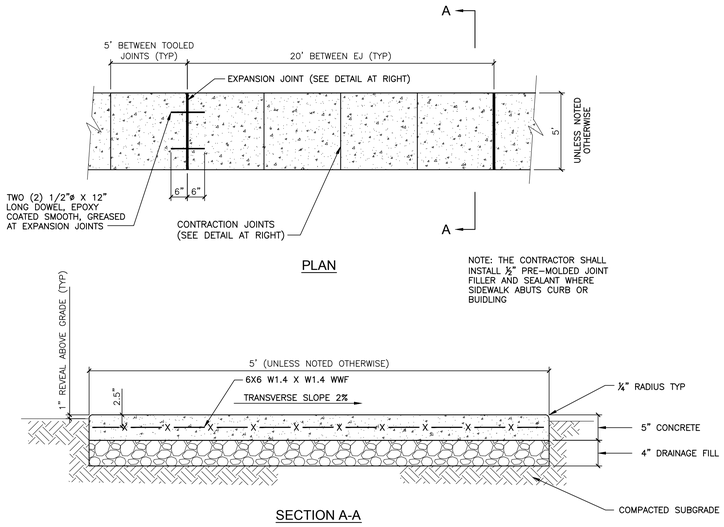
TITLE

SITE PLAN - STORM DRAIN

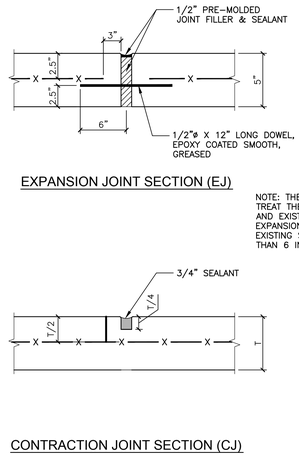
PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

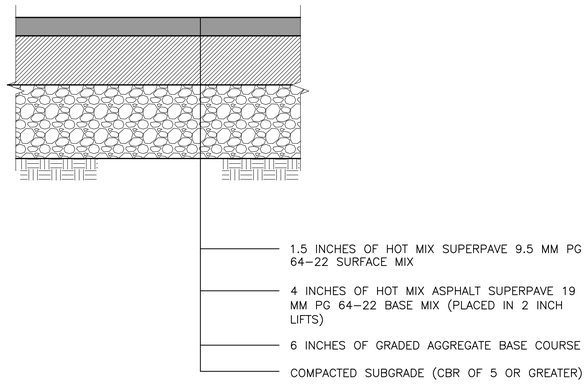
C152

SHEET NO.

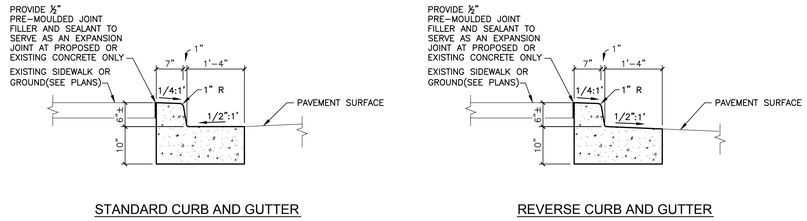


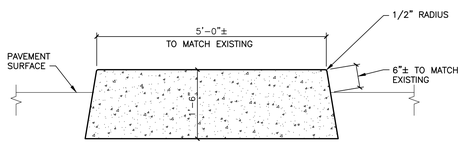
1 C200 TYPICAL SIDEWALK DETAILS
NOT TO SCALE



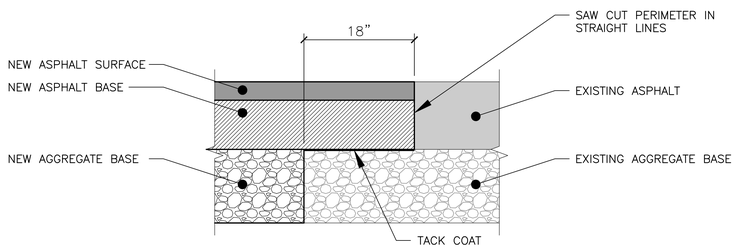


2 C200 BITUMINOUS CONCRETE PAVING SECTION
NOT TO SCALE

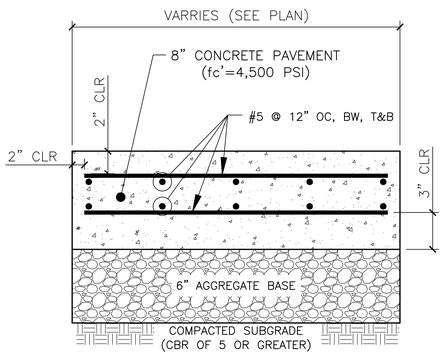




3 C200 TYPICAL CURB DETAILS
NOT TO SCALE



4 C200 TYPICAL BITUMINOUS CONCRETE PAVEMENT JOINT DETAIL
NOT TO SCALE



5 C200 CONCRETE PAVEMENT DETAIL
NOT TO SCALE

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
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TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND
DESIGN DEVELOPMENT

PROFESSIONAL CERTIFICATION

I, JOHN E. WALKER, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NUMBER: 200931
EXPIRATION DATE: JULY 9, 2015

STATE OF MARYLAND JOHN EDWARD WALKER No. 200931 PROFESSIONAL ENGINEER

No.	Description	Date

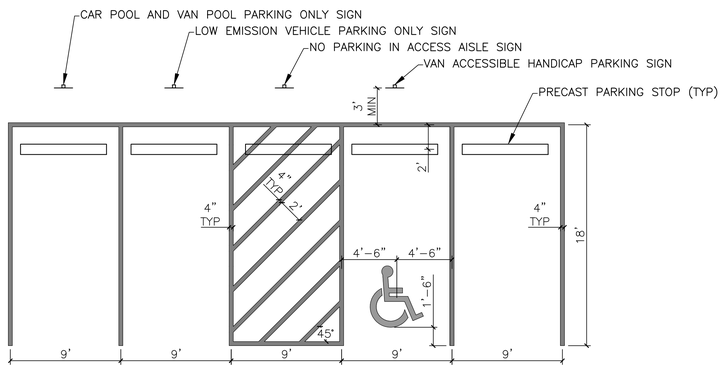
REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

TITLE
SITE GRADING DETAILS

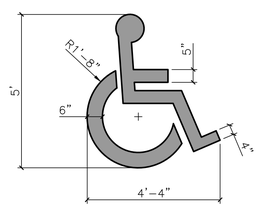
PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C200
SHEET NO.



NOTES
1. STRIPES ARE TO BE THERMOPLASTIC TAPE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
2. DETAIL SHOWS TYPICAL SPACE DIMENSIONS. SEE PLAN FOR SPACE LOCATIONS.
3. FOR SIGN DETAILS SEE DETAILS 3 AND 4 ON THIS SHEET.
4. FOR PRECAST PARKING STOP DETAIL SEE DETAIL 5 ON THIS SHEET.

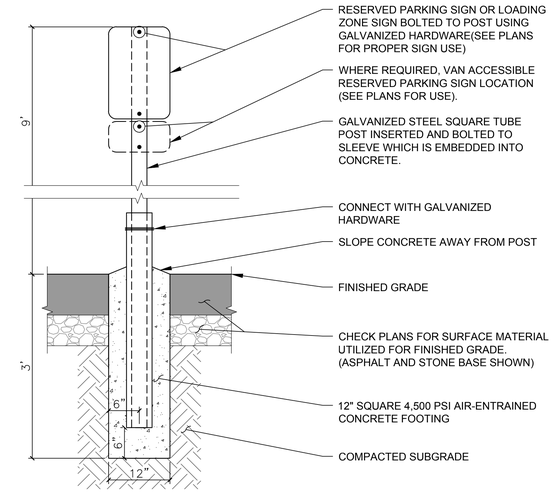
1 / C300 RESERVED AND TYPICAL PARKING SPACE DETAILS
NOT TO SCALE



ACCESSIBILITY SYMBOL PAINTED ON PAVEMENT

PROPORTIONING GUIDE

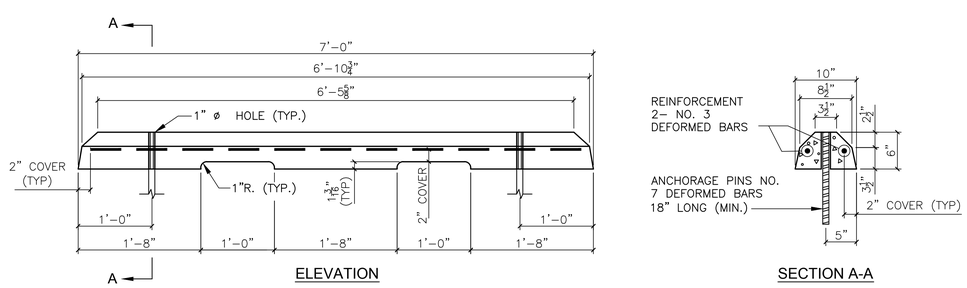
2 / C300 HANDICAP SYMBOL DETAILS
NOT TO SCALE



3 / C300 TYPICAL RESERVED SIGN ELEVATION
NOT TO SCALE

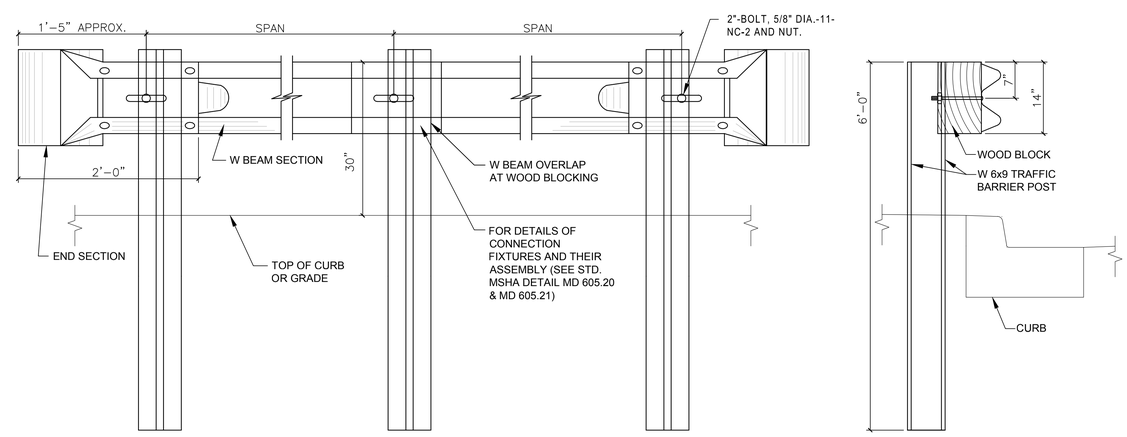
LOW EMISSION VEHICLE SPACE | CAR POOL AND VAN POOL SPACE | HANDICAP ACCESS AISLE MSHA R8-1(2) | HANDICAP SPACE MSHA R7-8 | HANDICAP VAN ACCISSIBLE SPACE MSHA R7-8a | HANDICAP ACCESS AISLE MSHA R8-1(2) | LOADING ZONE MSHA R7-6

4 / C300 RESERVED PARKING SIGNS AND LOADING ZONE SIGN DETAILS
NOT TO SCALE



NOTES:
1. PRECAST CONCRETE WHEEL STOPS SHALL BE LOCATED AS SHOWN ON THE PLANS, THEN SECURED IN PLACE WITH TWO (2) NO. 7 REINFORCEMENT BARS PER WHEEL STOP.
2. COST OF THE REINFORCEMENT BARS WILL BE INCIDENTAL TO THE CONTRACT UNIT PRICE BID PER EACH FOR THE WHEEL STOPS.

5 / C300 TYPICAL PRECAST CONCRETE WHEELSTOP DETAIL
NOT TO SCALE



NOTES:
1. FOR DETAILS OF TRAFFIC BARRIER END SECTIONS SEE MSHA DETAIL MD 605.20 TRAFFIC BARRIER W-BEAM END SECTIONS
2. FOR DETAILS OF WOOD BLOCKING SEE MSHA DETAIL MD 605.21 TRAFFIC BARRIER W/BEAM WITH WOOD BLOCK OFFSET.
3. FOR DETAILS OF TRAFFIC BARRIER BEAM SEE MSHA DETAIL MD 605.22 TRAFFIC BARRIER WITH W/BEAM SINGLE FACE.
4. BARRIER SECTIONS SHALL BE 12'-6" OR 25'-0" LENGTHS.
5. MAXIMUM SPAN BETWEEN POSTS 12'-6".
6. ALL POSTS W6x9, 6'-0" LONG SEE MSHA DETAIL MD 605.10

6 / C300 TYPICAL TRAFFIC BARRIER DETAIL
NOT TO SCALE

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DRAWN BY	J. WALKER
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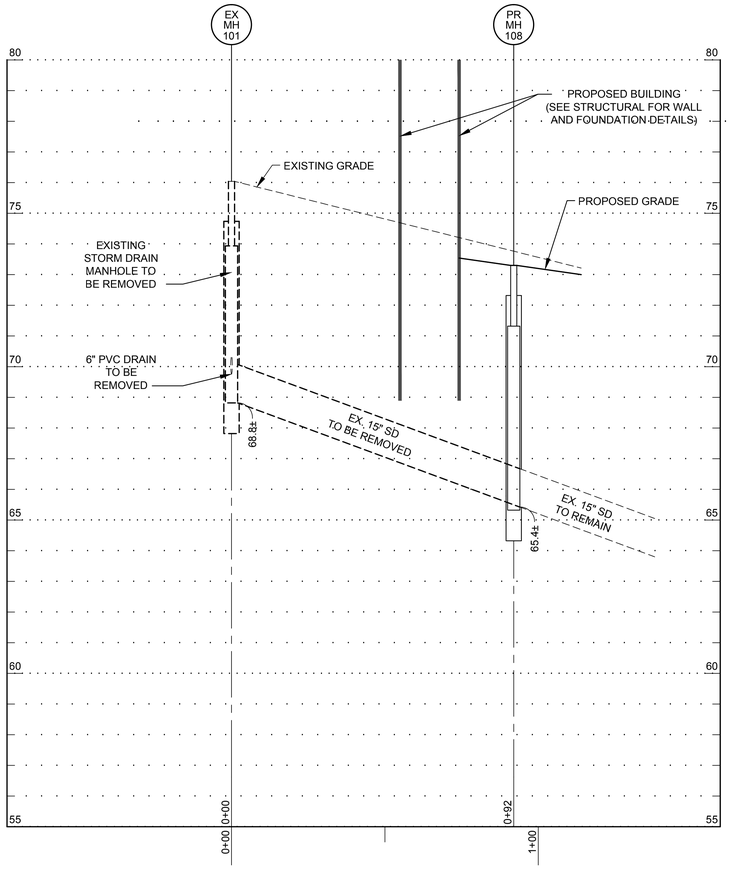
CHECKED BY	H. PATEL
DATE	2-5-15

TITLE
SITE DEVELOPMENT DETAILS

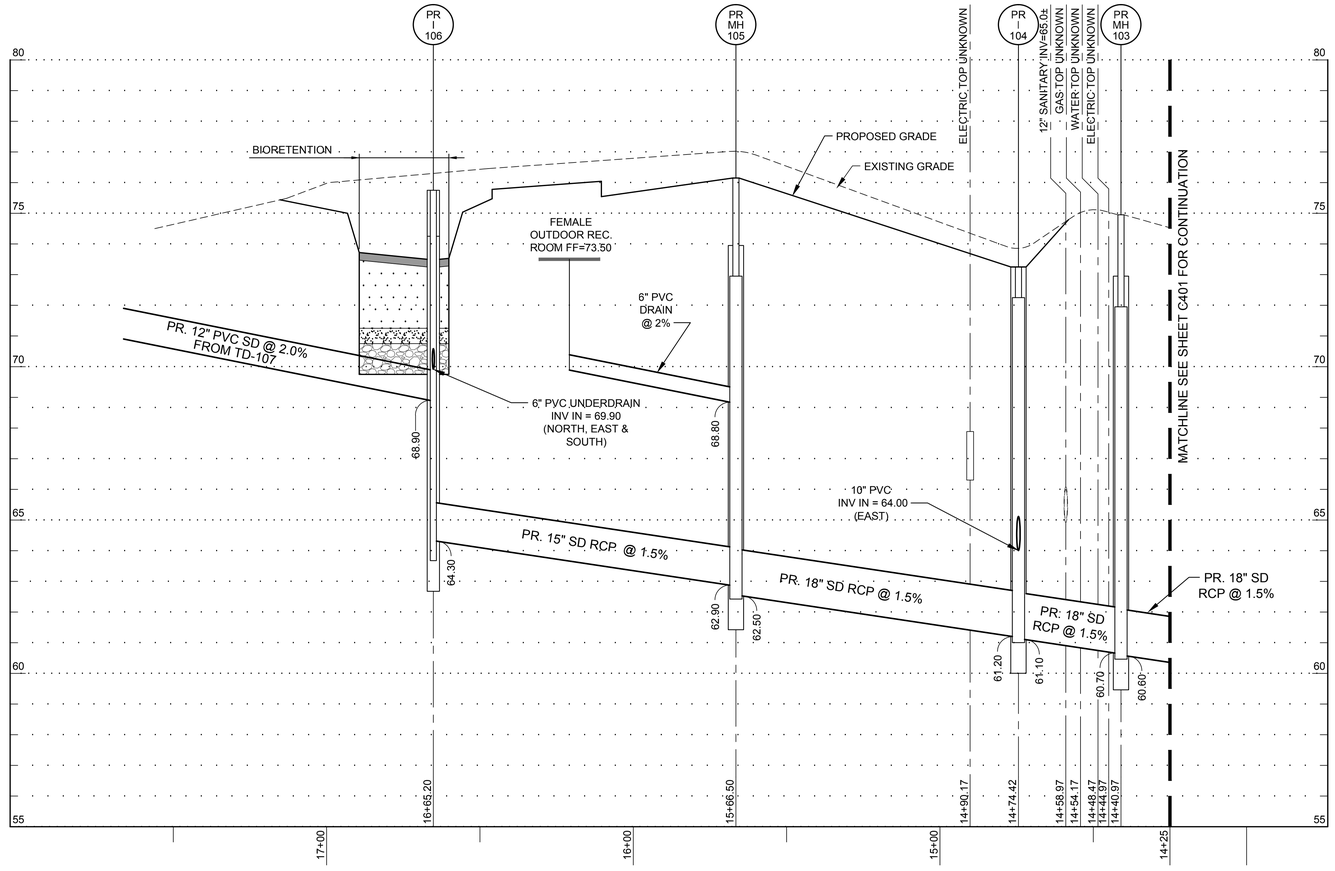
PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C300
SHEET NO.



1 C400 PROFILE - STORM DRAIN

SCALES: HORZ: 1" = 20', VERTICAL: 1" = 2'



2 C400 PROFILE - STORM DRAIN

SCALES: HORZ: 1" = 20', VERTICAL: 1" = 2'

SHEET NOTES

1. SEE SHEET C152 FOR STORM DRAIN PLAN VIEW.
2. SEE SHEET C402 FOR STORM DRAIN DETAILS.
3. EXISTING UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE LOCATED BY THE CONTRACTOR. SEE THE STANDARD UTILITY NOTES ON SHEET CG000.

GRAPHIC SCALE

2 0 1 2 4 8

(IN FEET)
1 inch = 2 ft.

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

A JOINT-VENTURE BETWEEN
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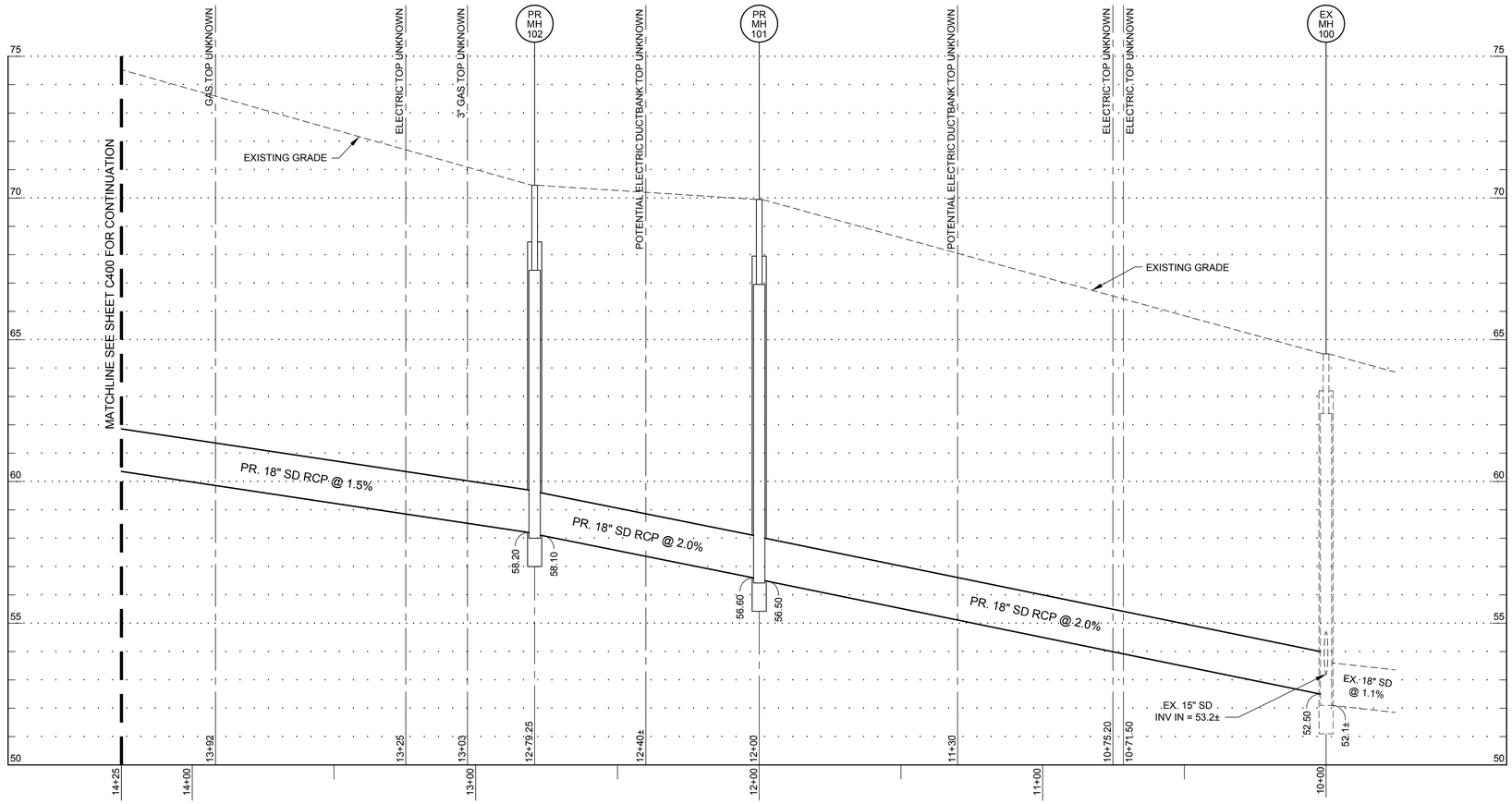
TITLE

PROFILE - STORM DRAIN

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C400

SHEET NO.



1 C401 PROFILE - STORM DRAIN

SCALES: HORZ: 1" = 20', VERTICAL: 1" = 2'

SHEET NOTES

1. SEE SHEET C152 FOR STORM DRAIN PLAN VIEW.
2. SEE SHEET C402 FOR STORM DRAIN DETAILS.
3. EXISTING UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE LOCATED BY THE CONTRACTOR. SEE THE STANDARD UTILITY NOTES ON SHEET CG000.

GRAPHIC SCALE

2 0 1 2 4 8

(IN FEET)
1 inch = 2 ft.

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

A JOINT-VENTURE BETWEEN
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TERRALOGOS ECO ARCHITECTURE

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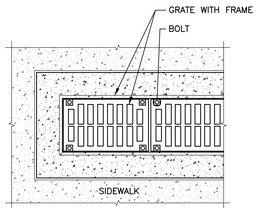
TITLE

PROFILE - STORM DRAIN

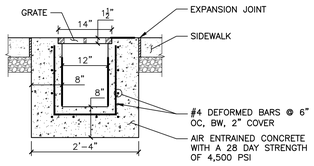
PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C401

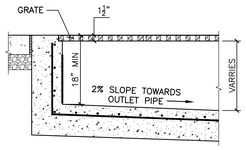
SHEET NO.



PLAN

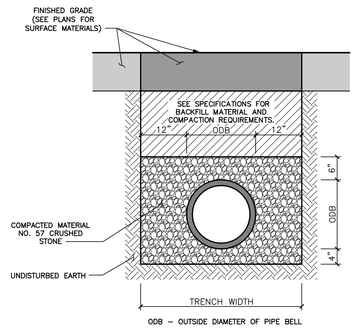


SECTION A-A



SECTION B-B

1 C402 TYPICAL TRENCH DRAIN DETAIL
NOT TO SCALE



2 C402 TYPICAL UTILITY TRENCH DETAIL
NOT TO SCALE

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

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Consulting Engineers
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TERRALOGOS
ECO ARCHITECTURE.TO

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

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DATE	2-5-15

TITLE

STORM DRAIN DETAILS

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C402

SHEET NO.

STANDARD EROSION AND SEDIMENT CONTROL NOTES

1. THE CONTRACTOR SHALL NOTIFY THE WATER MANAGEMENT ADMINISTRATION (WMA) AT (410) 537–3510 SEVEN (7) DAYS BEFORE COMMENCING ANY LAND DISTURBING ACTIVITY AND, UNLESS WAIVED BY THE ADMINISTRATION, SHALL BE REQUIRED TO HOLD A PRE–CONSTRUCTION MEETING BETWEEN PROJECT REPRESENTATIVES AND A REPRESENTATIVE OF WMA.

2. THE CONTRACTOR MUST NOTIFY WMA IN WRITING AND BY TELEPHONE AT THE FOLLOWING POINTS:

   A. THE REQUIRED PRE–CONSTRUCTION MEETING.

   B. FOLLOWING INSTALLATION OF SEDIMENT CONTROL MEASURES.

   C. DURING THE INSTALLATION OF SEDIMENT BASINS (TO BE CONVERTED INTO PERMANENT STORMWATER MANAGEMENT STRUCTURES) AT THE REQUIRED INSPECTION POINTS (SEE INSPECTION CHECKLIST ON PLAN). NOTIFICATION PRIOR TO COMMENCING CONSTRUCTION OF EACH STEP IS MANDATORY.

   D. PRIOR TO REMOVAL OR MODIFICATION OF ANY SEDIMENT CONTROL STRUCTURE(S).

   E. PRIOR TO REMOVAL OF ALL SEDIMENT CONTROL DEVICES.

   F. PRIOR TO FINAL ACCEPTANCE.

3. THE CONTRACTOR SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE APPROVED PLAN AND CONSTRUCTION SEQUENCE AND SHALL HAVE THEM INSPECTED AND APPROVED BY THE AGENCY INSPECTOR OR WMA INSPECTOR PRIOR TO BEGINNING ANY OTHER LAND DISTURBANCES. MINOR SEDIMENT CONTROL DEVICE LOCATION ADJUSTMENTS MAY BE MADE IN THE FIELD WITH THE APPROVAL OF THE WMA INSPECTOR. THE CONTRACTOR SHALL ENSURE THAT ALL RUNOFF FROM DISTURBED AREAS IS DIRECTED TO THE SEDIMENT CONTROL DEVICES, AND SHALL NOT REMOVE ANY EROSION OR SEDIMENT CONTROL MEASURES WITHOUT PRIOR PERMISSION FROM WMA INSPECTOR AND AGENCY INSPECTOR. THE CONTRACTOR MUST OBTAIN PRIOR AGENCY AND WMA APPROVAL FOR CHANGES TO THE SEDIMENT CONTROL PLAN AND/OR SEQUENCE OF CONSTRUCTION.

4. THE CONTRACTOR SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DEPOSITION OF MATERIALS ONTO PUBLIC ROADS. ALL MATERIALS DEPOSITED ONTO PUBLIC ROADS SHALL BE REMOVED IMMEDIATELY.

5. THE CONTRACTOR SHALL INSPECT DAILY AND MAINTAIN CONTINUOUSLY IN AN EFFECTIVE OPERATING CONDITION ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL SUCH TIMES AS THEY ARE REMOVED WITH PRIOR PERMISSION FROM WMA INSPECTOR AND AGENCY INSPECTOR.

6. ALL SEDIMENT BASINS, TRAP EMBANKMENTS AND SLOPES, PERIMETER DIKES, SWALES AND ALL DISTURBED SLOPES STEEPER OR EQUAL TO 3:1 SHALL BE STABILIZED WITH SOD OR SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES, AS SOON AS POSSIBLE BUT NO LATER THAN THREE (3) CALENDAR DAYS AFTER ESTABLISHMENT. ALL AREAS DISTURBED OUTSIDE OF THE PERIMETER SEDIMENT CONTROL SYSTEM MUST BE MINIMIZED. MAINTENANCE MUST BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION. (REQUIREMENT FOR STABILIZATION MAY BE REDUCED TO ONE (1) DAY FOR SENSITIVE AREAS.)

7. THE CONTRACTOR SHALL APPLY SOD OR SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES TO ALL DISTURBED AREAS AND STOCKPILES WITHIN SEVEN (7) CALENDAR DAYS AFTER STRIPPING AND GRADING ACTIVITIES HAVE CEASED IN THE AREA. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION. (REQUIREMENT MAY BE REDUCED TO THREE (3) DAYS FOR SENSITIVE AREAS.)

8. PRIOR TO REMOVAL OF SEDIMENT CONTROL MEASURES, THE CONTRACTOR SHALL STABILIZE AND HAVE ESTABLISHED PERMANENT STABILIZATION FOR ALL CONTRIBUTORY DISTURBED AREAS USING SOD OR AN APPROVED PERMANENT SEED MIXTURE WITH REQUIRED SOIL AMENDMENTS AND AN APPROVED ANCHORED MULCH. WOOD FIBER MULCH MAY ONLY BE USED IN SEEDING SEASON WHERE THE SLOPE DOES NOT EXCEED 10% AND GRADING HAS BEEN DONE TO PROMOTE SHEET FLOW DRAINAGE. AREAS BROUGHT TO FINISHED GRADE DURING THE SEEDING SEASON SHALL BE PERMANENTLY STABILIZED AS SOON AS POSSIBLE, BUT NO LATER THAN SEVEN (7) CALENDAR DAYS AFTER ESTABLISHMENT. WHEN PROPERTY IS BROUGHT TO FINISHED GRADE DURING THE MONTHS OF NOVEMBER THROUGH FEBRUARY, AND PERMANENT STABILIZATION IS FOUND TO BE IMPRACTICAL, TEMPORARY SEED AND ANCHORED STRAW MULCH SHALL BE APPLIED TO DISTURBED AREAS. THE FINAL PERMANENT STABILIZATION OF SUCH PROPERTY SHALL BE APPLIED BY MARCH 15 OR EARLIER IF GROUND AND WEATHER CONDITIONS ALLOW.

9. THE SITE'S APPROVAL LETTER, APPROVED EROSION AND SEDIMENT CONTROL PLANS, DAILY LOG BOOKS, AND TEST REPORTS SHALL BE AVAILABLE AT THE SITE FOR INSPECTION BY DULY AUTHORIZED OFFICIALS OF WMA AND AGENCY RESPONSIBLE FOR PROJECT.

10. SURFACE DRAINAGE FLOWS OVER UNSTABILIZED CUT AND FILL SLOPES SHALL BE CONTROLLED BY EITHER PREVENTING DRAINAGE FLOWS FROM TRAVERSING THE SLOPES OR BY INSTALLING PROTECTIVE DEVICES TO LOWER THE WATER DOWNSLOPE WITHOUT CAUSING EROSION. DIKES SHALL BE INSTALLED AND MAINTAINED AT THE TOP OF CUT OR FILL SLOPES UNTIL THE SLOPE AND DRAINAGE AREA TO IT ARE FULLY STABILIZED, AT WHICH TIME THEY MUST BE REMOVED AND FINAL GRADING DONE TO PROMOTE SHEET FLOW DRAINAGE. PROTECTIVE METHODS MUST BE PROVIDED AT POINTS OF CONCENTRATED FLOW WHERE EROSION IS LIKELY TO OCCUR.

11. PERMANENT SWALES OR OTHER POINTS OF CONCENTRATED WATER FLOW SHALL BE STABILIZED WITH SOD OR SEED WITH AN APPROVED EROSION CONTROL MATTING, RIPRAP OR BY OTHER APPROVED STABILIZATION MEASURES.

12. TEMPORARY SEDIMENT CONTROL DEVICES MAY BE REMOVED, WITH PERMISSION OF WMA INSPECTOR AND AGENCY INSPECTORS, WITHIN THIRTY (30) CALENDAR DAYS FOLLOWING ESTABLISHMENT OF PERMANENT STABILIZATION AND ALL CONTRIBUTORY DRAINAGE AREAS. STORMWATER MANAGEMENT STRUCTURES USED TEMPORARILY FOR SEDIMENT CONTROL SHALL BE CONVERTED TO THE PERMANENT CONFIGURATION WITHIN THIS TIME PERIOD AS WELL.

13. NO PERMANENT CUT OR FILL SLOPE WITH A GRADIENT STEEPER THAN 3:1 WILL BE PERMITTED IN LAWN MAINTENANCE AREAS. A SLOPE GRADIENT OF UP TO 2:1 WILL BE PERMITTED IN NON–MAINTENANCE AREAS PROVIDED THAT THOSE AREAS ARE INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN WITH A LOW–MAINTENANCE GROUND COVER SPECIFIED FOR PERMANENT STABILIZATION. SLOPE GRADIENT STEEPER THAN 2:1 WILL NOT BE PERMITTED WITH VEGETATIVE STABILIZATION.

14. FOR FINISHED GRADING, THE CONTRACTOR SHALL PROVIDE ADEQUATE GRADIENTS TO PREVENT WATER FROM PONDING FOR MORE THAN TWENTY FOUR (24) HOURS AFTER THE END OF A RAINFALL EVENT. DRAINAGE COURSES AND SWALE FLOW AREAS MAY TAKE AS LONG AS FORTY–EIGHT (48) HOURS AFTER THE END OF A RAINFALL EVENT TO DRAIN. AREAS DESIGNED TO HAVE STANDING WATER SHALL NOT BE REQUIRED TO MEET THIS REQUIREMENT.

15. SEDIMENT TRAPS OR BASINS ARE NOT PERMITTED WITHIN 20 FEET OF A FOUNDATION WHICH IS EXISTING OR UNDER CONSTRUCTION. NO STRUCTURE MAY BE CONSTRUCTED WITHIN 20 FEET OF AN ACTIVE SEDIMENT TRAP OR BASIN.

16. THE WMA INSPECTOR HAS THE OPTION OF REQUIRING ADDITIONAL SAFETY OR SEDIMENT CONTROL MEASURES, IF DEEMED NECESSARY.

17. ALL TRAP DEPTH DIMENSIONS ARE RELATIVE TO THE OUTLET ELEVATION. ALL TRAPS MUST HAVE A STABLE OUTFALL. ALL TRAPS AND BASINS SHALL HAVE STABLE INFLOW POINTS.

18. VEGETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. REFER TO APPROPRIATE SPECIFICATIONS FOR TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, SODDING AND GROUND COVERS.

19. SEDIMENT SHALL BE REMOVED AND THE TRAP OR BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE QUARTER OF THE TOTAL DEPTH OF THE TRAP OR BASIN. TOTAL DEPTH SHALL BE MEASURED FROM THE TRAP OR BASIN BOTTOM TO THE CREST OF THE OUTLET.

20. SEDIMENT REMOVED FROM TRAPS (AND BASINS) SHALL BE PLACED AND STABILIZED IN APPROVED AREAS, BUT NOT WITHIN A FLOODPLAIN, WETLAND OR TREE–SAVE AREA. WHEN PUMPING SEDIMENT LADEN WATER, THE DISCHARGE MUST BE DIRECTED TO A SEDIMENT TRAPPING DEVICE PRIOR TO RELEASE FROM THE SITE. A SUMP PIT MAY BE USED IF SEDIMENT TRAPS THEMSELVES ARE BEING PUMPED OUT.

21. ALL WATER REMOVED FROM EXCAVATED AREAS (e.g. UTILITY TRENCHES) SHALL BE PASSED THROUGH AN APPROVED DEWATERING PRACTICE OR PUMPED TO A SEDIMENT TRAP OR BASIN PRIOR TO DISCHARGE FROM THE SITE (i.e. VIA FUNCTIONAL STORM DRAIN SYSTEM OR TO STABLE GROUND SURFACE).

22. SEDIMENT CONTROL FOR UTILITY CONSTRUCTION FOR AREAS OUTSIDE OF DESIGNED CONTROLS OR AS DIRECTED BY ENGINEER OR WMA INSPECTOR.

    (A) CALL "MISS UTILITY" AT 1–800–257–7777 AT LEAST 48 HOURS PRIOR TO THE START OF WORK.

    (B) EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH.

    (C) TRENCHES FOR UTILITY INSTALLATION SHALL BE BACKFILLED, COMPACTED AND STABILIZED AT THE END OF EACH WORKING DAY. NO MORE TRENCH SHALL BE OPENED THAN CAN BE COMPLETED THE SAME DAY, UNLESS;

    (D) TEMPORARY SILT FENCE SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF ANY DISTURBED AREA INTENDED TO REMAIN DISTURBED FOR MORE THAN ONE DAY.

23. WHERE DEEMED APPROPRIATE BY THE ENGINEER OR INSPECTOR, SEDIMENT BASINS AND TRAPS MAY NEED TO BE SURROUNDED WITH AN APPROVED SAFETY FENCE. THE FENCE MUST CONFORM TO LOCAL ORDINANCES AND REGULATIONS. THE DEVELOPER OR OWNER SHALL CHECK WITH LOCAL BUILDING OFFICIALS ON APPLICABLE SAFETY REQUIREMENTS. WHERE SAFETY FENCE IS DEEMED APPROPRIATE AND LOCAL ORDINANCES DO NOT SPECIFY FENCING SIZES AND TYPES, THE FOLLOWING SHALL BE USED AS A MINIMUM STANDARD: THE SAFETY FENCE MUST BE MADE OF WELDED WIRE AND AT LEAST 42 INCHES HIGH, HAVE POSTS SPACED NO FARTHER APART THAN 8 FEET, HAVE MESH OPENINGS NO GREATER THAN 2 INCHES IN WIDTH AND 4 INCHES IN HEIGHT WITH A MINIMUM OF 14 GAUGE WIRE. SAFETY FENCE MUST BE MAINTAINED AND IN GOOD CONDITION AT ALL TIMES.

24. OFF–SITE SPOIL OR BORROW AREAS ON STATE OR FEDERAL PROPERTY MUST HAVE PRIOR APPROVAL BY WMA AND OTHER APPLICABLE STATE, FEDERAL AND LOCAL AGENCIES OTHERWISE, APPROVAL MUST BE GRANTED BY THE LOCAL AUTHORITIES. ALL WASTE AND BORROW AREAS OFF–SITE MUST BE PROTECTED BY SEDIMENT CONTROL MEASURES AND STABILIZED.

25. SITES WHERE INFILTRATION DEVICES ARE USED FOR THE CONTROL OF STORMWATER, EXTREME CARE MUST BE TAKEN TO PREVENT RUNOFF FROM UNSTABILIZED AREAS FROM ENTERING THE STRUCTURE DURING CONSTRUCTION. SEDIMENT CONTROL DEVICES PLACED IN INFILTRATION AREAS MUST HAVE BOTTOM ELEVATIONS AT LEAST TWO (2) FEET HIGHER THAN THE FINISH GRADE BOTTOM ELEVATION OF THE INFILTRATION PRACTICE. WHEN CONVERTING A SEDIMENT TRAP TO AN INFILTRATION DEVICE, ALL ACCUMULATED SEDIMENT MUST BE REMOVED AND DISPOSED OF PRIOR TO FINAL GRADING OF INFILTRATION DEVICE.

26. WHEN A STORM DRAIN SYSTEM OUTFALL IS DIRECTED TO A SEDIMENT TRAP OR SEDIMENT BASIN AND THE SYSTEM IS TO BE USED FOR TEMPORARILY CONVEYING SEDIMENT LADEN WATER, ALL STORM DRAIN INLETS IN NON–SUMP AREAS SHALL HAVE TEMPORARY ASPHALT BERMS CONSTRUCTED AT THE TIME OF BASE PAVING TO DIRECT GUTTER FLOW INTO THE INLETS TO AVOID SURCHARGING AND OVERFLOW OF INLETS IN SUMP AREAS.

27. SITE INFORMATION:

TOTAL AREA OF PROJECT	107,314 SF±	=	2.464 AC±
AREA DISTURBED	107,314 SF±	=	2.464 AC±
AREA TO BE STRUCTURALLY STABILIZED	92,753 SF±	=	2.129 AC±
TOTAL CUT	4,860 CF±	=	180 CY±
TOTAL FILL	2,592 CF±	=	96 CY±
OFFSITE WASTE/BORROW	2,268 CF±	=	84 CY±

(THE CONTRACTOR SHALL HALL NOT USE THE QUANTITIES FOR BIDDING. THE QUANTITIES DOES NOT INCLUDE THE DEMOLITION OF THE BUILDING.)

STANDARD STABILIZATION NOTE:

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND SEVEN DAYS (7) AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

OWNER'S / DEVELOPER'S CERTIFICATION

I / WE HEREBY CERTIFY THAT ALL CLEARING, GRADING, CONSTRUCTION, AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I HEREBY AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON–SITE EVALUATION BY STATE OF MARYLAND, DEPARTMENT OF THE ENVIRONMENT, COMPLIANCE INSPECTORS.

1/20/2015	Benedict Leibowitz
DATE	OWNER / DEVELOPER SIGNATURE
35960	BENEDICT LEIBOWITZ, NCARB, R.A., ASSISTANT DIRECTOR, DESIGN
CARD No.	PRINTED NAME AND TITLE

DESIGN CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUME I & II, WITH ALL REVISIONS AND THE MARYLAND DEPARTMENT OF THE ENVIRONMENT EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT REGULATIONS.

1/20/2015	John Walker
DATE	DESIGNER'S SIGNATURE
Md. REGISTRATION No. 200931	JOHN E. WALKER
(P.E.) R.L.S., RLA, or R.A. (CIRCLE ONE)	PRINTED NAME

SEQUENCE OF CONSTRUCTION

INITIAL PHASE

1. NOTIFY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) ENFORCEMENT DIVISION TELEPHONE NO. (410) 537–3510 AT LEAST SEVEN (7) DAYS BEFORE STARTING WORK.
2. INSTALL TRAFFIC CONTROL DEVICES INCLUDING THOSE FOR PEDESTRIAN USE AND INSTALL THE TEMPORARY CONTRACTOR SECURITY FENCING.
3. INSTALL TEMPORARY PERIMETER SECURITY FENCE WITH MOVABLE PANELS TO ALLOW TRAFFIC TO PASS THROUGH FOR THE INSTITUTION ALONG FORREST STREET. THIS WORK ALSO INCLUDES THE ADDITION OF A NEW PEDESTRIAN OPENING THROUGH EXISTING PERIMETER SECURITY FENCE THAT RUNS PARALLEL TO E. EAGER STREET.
4. INSTALL PERIMETER SEDIMENT CONTROL DEVICES AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN. REMOVE PAVEMENT BENEATH ALL SCE.
5. DEMOLISH THE EXISTING BUILDING AND ALL APPURTENANCES. REMOVE ALL RUBBLE AND SPOILS TO AN APPROVED SITE.
6. INSTALL SILT FENCE AND CONSTRUCT IMPROVEMENTS ALONG FORREST STREET. A MAXIMUM OF 100–LF OF FORREST STREET SHALL BE DISTURBED AT GIVEN TIME. ANY DISTURBED SECTION OF FORREST STREET MUST BE PERMANENTLY OR TEMPORARILY STABILIZED PRIOR TO PROCEEDING WITH IMPROVEMENTS TO FORREST STREET. REMOVE AND RESET SILT FENCE AND SWITCH BETWEEN SILT FENCE AND SILT FENCE ON PAVEMENT AS NEEDED. DEWATER TRAPPED WATER IN LOW AREAS WITH PORTABLE SEDIMENT TANK(S) (PST). THIS TASK TO BE PERFORMED CONCURRENTLY WITH TASK 4.
7. INSTALL PROPOSED UTILITIES IN FORREST STREET IN ACCORDANCE WITH NOTE 22 TO THE LEFT. THIS TASK TO BE PERFORMED CONCURRENTLY WITH TASK 5.
8. CONSTRUCT STORM DRAIN SYSTEMS FROM DOWNSTREAM TO UPSTREAM. DEWATER TRAPPED WATER THROUGH A PST. INLET PROTECTION SHALL BE MAINTAINED AT ALL INLETS DURING CONSTRUCTION UNTIL THEIR RESPECTIVE DRAINAGE AREAS HAVE BEEN STABILIZED. THIS TASK TO BE PERFORMED CONCURRENTLY WITH TASK 5.
9. GRADE SITE AND CONSTRUCT FOUNDATION: DEWATER WITH A PORTABLE SEDIMENT TANK (PST). WHEN POSITIVE DRAINAGE CAN NO LONGER BE PROVIDED.
10. ROUGH GRADE AND INSTALL INFLOW PROTECTION OF BIORETENTION FACILITY TO PROVIDE POSITIVE DRAINAGE TO INLET (PR–I–106). AT NO TIME SHALL THE AREA OF BIORETENTION FACILITY BE UTILIZED AS A SEDIMENT TRAPPING DEVICE.
11. MAINTAIN, REMOVE AND RESET SEDIMENT CONTROL DEVICES AS REQUIRED TO PERFORM THE ABOVE TASKS.
12. ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED PRIOR TO PROCEEDING TO TASK 12.

FINAL PHASE:

13. VERTICAL CONSTRUCTION OF THE NEW BUILDING SHALL BEGIN. ANY SEDIMENT LADEN RUNOFF BEING COLLECTED SHALL BE DISCHARGED THROUGH A PORTABLE SEDIMENT TANK(S) PST.
14. INLET PROTECTION SHALL BE MAINTAINED AT ALL INLETS DURING CONSTRUCTION UNTIL THEIR RESPECTIVE DRAINAGE AREAS HAVE BEEN PERMANENTLY STABILIZED.
15. CONSTRUCT SIDEWALK AND OTHER OUTSIDE OF BUILDING IMPROVEMENTS. ONLY DISTURB THAT AREA WHICH CAN BE PERMANENTLY OR TEMPORARILY STABILIZED THAT SAME DAY. NO AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS THE RUNOFF IS DIRECTED TO AN MDE APPROVED SEDIMENT CONTROL DEVICE.
16. INSTALL PERMANENT PERIMETER SECURITY FENCING FOR THE INSTITUTION AS SHOWN ON THE PLANS.
17. PERMANENTLY STABILIZE ALL DISTURBED AREAS.
18. FINE GRADE AND CONSTRUCT BIORETENTION FACILITY. PERMANENTLY STABILIZE BIORETENTION FACILITY.
19. WITH THE APPROVAL OF THE MDE ENFORCEMENT DIVISION, REMOVE ANY REMAINING SEDIMENT CONTROL DEVICES AND PERMANENTLY STABILIZE ANY REMAINING DISTURBED AREAS.
20. REMOVE THE TRAFFIC CONTROL DEVICES, CONSTRUCTION TEMPORARY SECURITY FENCING AND TEMPORARY PERIMETER SECURITY FENCING. RESTORE ANY AREA DISTURBED BY THE REMOVAL OF FENCING TO PRE–DISTURBED CONDITIONS.

NOTE TO CONTRACTOR:
"EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

PROFESSIONAL CERTIFICATION

I, JOHN E. WALKER,
HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NUMBER: 200931
EXPIRATION DATE: JULY 9, 2015

STATE OF MARYLAND JOHN EDWARD WALKER No. 200931 PROFESSIONAL ENGINEER

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

TITLE

EROSION AND SEDIMENT CONTROL NOTES

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C500

SHEET NO.

STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

CONDITIONS WHERE PRACTICE APPLIES:

ON ALL DISTURBED AREAS NOT STABILIZED BY OTHER METHODS. THIS SPECIFICATION IS DIVIDED INTO SECTIONS ON INCREMENTAL STABILIZATION; SOIL PREPARATION, SOIL AMENDMENTS AND TOPSOILING; SEEDING AND MULCHING; TEMPORARY STABILIZATION; AND PERMANENT STABILIZATION.

EFFECTS ON WATER QUALITY AND QUANTITY:

STABILIZATION PRACTICES ARE USED TO PROMOTE THE ESTABLISHMENT OF VEGETATION ON EXPOSED SOIL. WHEN SOIL IS STABILIZED WITH VEGETATION, THE SOIL IS LESS LIKELY TO ERODE AND MORE LIKELY TO ALLOW INFILTRATION OF RAINFALL, THEREBY REDUCING SEDIMENT LOADS AND RUNOFF TO DOWNSTREAM AREAS.

PLANTING VEGETATION IN DISTURBED AREAS WILL HAVE AN EFFECT ON THE WATER BUDGET, ESPECIALLY ON VOLUMES AND RATES OF RUNOFF, INFILTRATION, EVAPORATION, TRANSPIRATION, PERCOLATION, AND GROUNDWATER RECHARGE. OVER TIME, VEGETATION WILL INCREASE ORGANIC MATTER CONTENT AND IMPROVE THE WATER HOLDING CAPACITY OF THE SOIL AND SUBSEQUENT PLANT GROWTH.

VEGETATION WILL HELP REDUCE THE MOVEMENT OF SEDIMENT, NUTRIENTS, AND OTHER CHEMICALS CARRIED BY RUNOFF TO RECEIVING WATERS. PLANTS WILL ALSO HELP PROTECT GROUNDWATER SUPPLIES BY ASSIMILATING THOSE SUBSTANCES PRESENT WITHIN THE ROOT ZONE.

SEDIMENT CONTROL PRACTICES MUST REMAIN IN PLACE DURING GRADING, SEEDBED PREPARATION, SEEDING, MULCHING, AND VEGETATIVE ESTABLISHMENT.

ADEQUATE VEGETATIVE ESTABLISHMENT: INSPECT SEEDED AREAS FOR VEGETATIVE ESTABLISHMENT AND MAKE NECESSARY REPAIRS, REPLACEMENTS, AND RESEEDINGS WITHIN THE PLANTING SEASON.

A. ADEQUATE VEGETATIVE STABILIZATION REQUIRES 95 PERCENT GROUNDCOVER.

B. IF AN AREA HAS LESS THAN 40 PERCENT GROUNDCOVER, RESTABILIZE FOLLOWING THE ORIGINAL RECOMMENDATIONS FOR LIME, FERTILIZER, SEEDBED PREPARATION, AND SEEDING.

C. IF AN AREA HAS BETWEEN 40 AND 94 PERCENT GROUNDCOVER, OVER-SEED AND FERTILIZE USING HALF OF THE RATES ORIGINALLY SPECIFIED.

D. MAINTENANCE FERTILIZER RATES FOR PERMANENT SEEDING ARE SHOWN IN THE TABLE AT THE RIGHT.

TEMPORARY STABILIZATION

DEFINITION: TO STABILIZE DISTURBED SOILS WITH VEGETATION FOR UP TO 6 MONTHS.

PURPOSE: TO USE FAST GROWING VEGETATION THAT PROVIDES COVER ON DISTURBED SOILS.

CONDITIONS WHERE PRACTICE APPLIES: EXPOSED SOILS WHERE GROUND COVER IS NEEDED FOR A PERIOD OF 6 MONTHS OR LESS. FOR LONGER DURATION OF TIME, PERMANENT STABILIZATION PRACTICES ARE REQUIRED.

CRITERIA:

A. SELECT ONE OR MORE OF THE SPECIES OR SEED MIXTURES LISTED IN TABLE AT THE RIGHT TITLED "TEMPORARY SEEDING SUMMARY TABLE"

B. FOR SITES HAVING SOIL TESTS PERFORMED, USE AND SHOW THE RECOMMENDED RATES BY THE TESTING AGENCY. SOIL TESTS ARE NOT REQUIRED FOR TEMPORARY SEEDING.

C. WHEN STABILIZATION IS REQUIRED OUTSIDE OF A SEEDING SEASON, APPLY SEED AND MULCH OR STRAW MULCH ALONE

SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS

CRITERIA:

A. SOIL PREPARATION

1. TEMPORARY STABILIZATION

a. SEEDBED PREPARATION CONSISTS OF LOOSENING SOIL TO A DEPTH OF 3 TO 5INCHES BY MEANS OF SUITABLE AGRICULTURAL OR CONSTRUCTION EQUIPMENT, SUCH AS DISC HARROWS OR CHISEL PLOWS OR RIPPERS MOUNTED ON CONSTRUCTION EQUIPMENT. AFTER THE SOIL IS LOOSENED, IT MUST NOT BE ROLLED OR DRAGGED SMOOTH BUT LEFT IN THE ROUGHENED CONDITION. SLOPES 3:1 OR FLATTER ARE TO BE TRACKED WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE.

b. APPLY FERTILIZER AND LIME AS PRESCRIBED ON THE PLANS.

c. INCORPORATE LIME AND FERTILIZER INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS.

2. PERMANENT STABILIZATION

a. A SOIL TEST IS REQUIRED FOR ANY EARTH DISTURBANCE OF 5 ACRES OR MORE. THE MINIMUM SOIL CONDITIONS REQUIRED FOR PERMANENT VEGETATIVE ESTABLISHMENT ARE:

i. A SOIL PH BETWEEN 6.0 AND 7.0.

ii. SOLUBLE SALTS LESS THAN 500 PARTS PER MILLION (PPM).

iii. SOIL CONTAINS LESS THAN 40 PERCENT CLAY BUT ENOUGH FINE GRAINED MATERIAL (GREATER THAN 30 PERCENT SILT PLUS CLAY) TO PROVIDE THE CAPACITY TO HOLD A MODERATE AMOUNT OF MOISTURE. AN EXCEPTION: IF LOVEGRASS WILL BE PLANTED, THEN A SANDY SOIL (LESS THAN 30 PERCENT SILT PLUS CLAY) WOULD BE ACCEPTABLE.

iv. SOIL CONTAINS 1.5 PERCENT MINIMUM ORGANIC MATTER BY WEIGHT.

v. SOIL CONTAINS SUFFICIENT PORE SPACE TO PERMIT ADEQUATE ROOT PENETRATION.

b. APPLICATION OF AMENDMENTS OR TOPSOIL IS REQUIRED IF ON-SITE SOILS DO NOT MEET THE ABOVE CONDITIONS.

c. GRADED AREAS MUST BE MAINTAINED IN A TRUE AND EVEN GRADE AS SPECIFIED ON THE APPROVED PLAN, THEN SCARIFIED OR OTHERWISE LOOSENED TO A DEPTH OF 3 TO 5 INCHES.

d. APPLY SOIL AMENDMENTS AS SPECIFIED ON THE APPROVED PLAN OR AS INDICATED BY THE RESULTS OF A SOIL TEST.

e. MIX SOIL AMENDMENTS INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS. RAKE LAWN AREAS TO SMOOTH THE SURFACE, REMOVE LARGE OBJECTS LIKE STONES AND BRANCHES, AND READY THE AREA FOR SEED APPLICATION. LOOSEN SURFACE SOIL BY DRAGGING WITH A HEAVY CHAIN OR OTHER EQUIPMENT TO ROUGHEN THE SURFACE WHERE SITE CONDITIONS WILL NOT PERMIT NORMAL SEEDBED PREPARATION. TRACK SLOPES 3:1 OR FLATTER WITH TRACKED EQUIPMENT LEAVING THE SOIL IN AN IRREGULAR CONDITION WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE. LEAVE THE TOP 1 TO 3 INCHES OF SOIL LOOSE AND FRIABLE. SEEDBED LOOSENING MAY BE UNNECESSARY ON NEWLY DISTURBED AREAS.

B. TOPSOILING

1. TOPSOIL IS PLACED OVER PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION. THE PURPOSE IS TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.

2. TOPSOIL SALVAGED FROM AN EXISTING SITE MAY BE USED PROVIDED IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOILTYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-NRCS.

3. TOPSOILING IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:

a. THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE GROWTH.

b. THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.

c. THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.

d. THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.

4. AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN.

5. TOPSOIL SPECIFICATIONS: SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING CRITERIA:

a. TOPSOIL MUST BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, OR LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. TOPSOIL MUST NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND MUST CONTAIN LESS THAN 5 PERCENT BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1½ INCHES IN DIAMETER.

b. TOPSOIL MUST BE FREE OF NOXIOUS PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACK GRASS, JOHNSON GRASS, NUT SEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.

c. TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF NATURAL TOPSOIL.

6. TOPSOIL APPLICATION

a. EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED WHEN APPLYING TOPSOIL.

b. UNIFORMLY DISTRIBUTE TOPSOIL IN A 5 TO 8 INCH LAYER AND LIGHTLY COMPACT TO A MINIMUM THICKNESS OF 4 INCHES. SPREADING IS TO BE PERFORMED IN SUCH A MANNER THAT SODDING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS MUST BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.

c. TOPSOIL MUST NOT BE PLACED IF THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.

C. SOIL AMENDMENTS (FERTILIZER AND LIME SPECIFICATIONS)

1. SOIL TESTS MUST BE PERFORMED TO DETERMINE THE EXACT RATIOS AND APPLICATION RATES FOR BOTH LIME AND FERTILIZER ON SITES HAVING DISTURBED AREAS OF 5 ACRES OR MORE. SOIL ANALYSIS MAY BE PERFORMED BY A RECOGNIZED PRIVATE OR COMMERCIAL LABORATORY. SOIL SAMPLES TAKEN FOR ENGINEERING PURPOSES MAY ALSO BE USED FOR CHEMICAL ANALYSES.

2. FERTILIZERS MUST BE UNIFORM IN COMPOSITION, FREE FLOWING AND SUITABLE FOR ACCURATE APPLICATION BY APPROPRIATE EQUIPMENT. MANURE MAY BE SUBSTITUTED FOR FERTILIZER WITH PRIOR APPROVAL FROM THE APPROPRIATE APPROVAL AUTHORITY. FERTILIZERS MUST ALL BE DELIVERED TO THE SITE FULLY LABELED ACCORDING TO THE APPLICABLE LAWS AND MUST BEAR THE NAME, TRADE NAME OR TRADEMARK AND WARRANTY OF THE PRODUCER.

3. LIME MATERIALS MUST BE GROUND LIMESTONE (HYDRATED OR BURNT LIME MAY BE SUBSTITUTED EXCEPT WHEN HYDROSEEDING) WHICH CONTAINS AT LEAST 50 PERCENT TOTAL OXIDES (CALCIUM OXIDE PLUS MAGNESIUM OXIDE). LIMESTONE MUST BE GROUND TO SUCH FINENESS THAT AT LEAST 50 PERCENT WILL PASS THROUGH A #100 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A #20 MESH SIEVE.

4. LIME AND FERTILIZER ARE TO BE EVENLY DISTRIBUTED AND INCORPORATED INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS.

5. WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, SPREAD GROUND LIMESTONE AT THE RATE OF 4 TO 8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL.

SEEDING AND MULCHING

CONDITIONS WHERE PRACTICE APPLIES:

TO THE SURFACE OF ALL PERIMETER CONTROLS, SLOPES, AND ANY DISTURBED AREA NOT UNDER ACTIVE GRADING.

CRITERIA:

A. SEEDING

1. SPECIFICATIONS

a. ALL SEED MUST MEET THE REQUIREMENTS OF THE MARYLAND STATE SEED LAW. ALL SEED MUST BE SUBJECT TO RE-TESTING BY A RECOGNIZED SEED LABORATORY. ALL SEED USED MUST HAVE BEEN TESTED WITHIN THE 6 MONTHS IMMEDIATELY PRECEDING THE DATE OF SOWING SUCH MATERIAL ON ANY PROJECT. REFER TO TABLE B.4 REGARDING THE QUALITY OF SEED. SEED TAGS MUST BE AVAILABLE UPON REQUEST TO THE INSPECTOR TO VERIFY TYPE OF SEED AND SEEDING RATE.

b. MULCH ALONE MAY BE APPLIED BETWEEN THE FALL AND SPRING SEEDING DATES ONLY IF THE GROUND IS FROZEN. THE APPROPRIATE SEEDING MIXTURE MUST BE APPLIED WHEN THE GROUND THAWS.

c. INOCULANTS: THE INOCULANT FOR TREATING LEGUME SEED IN THE SEED MIXTURES MUST BE A PURE CULTURE OF NITROGEN FIXING BACTERIA PREPARED SPECIFICALLY FOR THE SPECIES. INOCULANTS MUST NOT BE USED LATER THAN THE DATE INDICATED ON THE CONTAINER. ADD FRESH INOCULANTS AS DIRECTED ON THE PACKAGE. USE FOUR TIMES THE RECOMMENDED RATE WHEN HYDROSEEDING. NOTE: IT IS VERY IMPORTANT TO KEEP INOCULANT AS COOL AS POSSIBLE UNTIL USED. TEMPERATURES ABOVE 75 TO 80 DEGREES FAHRENHEIT CAN WEAKEN BACTERIA AND MAKE THE INOCULANT LESS EFFECTIVE.

d. SOD OR SEED MUST NOT BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS.

2. APPLICATION

a. DRY SEEDING: THIS INCLUDES USE OF CONVENTIONAL DROP OR BROADCAST SPREADERS.

i. INCORPORATE SEED INTO THE SUBSOIL AT THE RATES PRESCRIBED ON TEMPORARY SEEDING TABLE B.1, PERMANENT SEEDING TABLE B.3, OR SITE-SPECIFIC SEEDING SUMMARIES.

ii. APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER. APPLY HALF THE SEEDING RATE IN EACH DIRECTION. ROLL THE SEEDED AREA WITH A WEIGHTED ROLLER TO PROVIDE GOOD SEED TO SOIL CONTACT.

b. DRILL OR CULTIPACKER SEEDING: MECHANIZED SEEDERS THAT APPLY AND COVER SEED WITH SOIL.

i. CULTIPACKING SEEDERS ARE REQUIRED TO BURY THE SEED IN SUCH A FASHION AS TO PROVIDE AT LEAST 1/4 INCH OF SOIL COVERING. SEEDBED MUST BE FIRM AFTER PLANTING.

ii. APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER. APPLY HALF THE SEEDING RATE IN EACH DIRECTION

c. HYDROSEEDING: APPLY SEED UNIFORMLY WITH HYDROSEEDER (SLURRY INCLUDES SEED AND FERTILIZER).

i. IF FERTILIZER IS BEING APPLIED AT THE TIME OF SEEDING, THE APPLICATION RATES SHOULD NOT EXCEED THE FOLLOWING: NITROGEN, 100 POUNDS PER ACRE TOTAL OF SOLUBLE NITROGEN; P205 (PHOSPHOROUS), 200 POUNDS PER ACRE; K20 (POTASSIUM), 200 POUNDS PER ACRE.

ii. LIME: USE ONLY GROUND AGRICULTURAL LIMESTONE (UP TO 3 TONS PER ACRE MAY BE APPLIED BY HYDROSEEDING). NORMALLY, NOT MORE THAN 2 TONS ARE APPLIED BY HYDROSEEDING AT ANY ONE TIME. DO NOT USE BURNT OR HYDRATED LIME WHEN HYDROSEEDING.

iii. MIX SEED AND FERTILIZER ON SITE AND SEED IMMEDIATELY AND WITHOUT INTERRUPTION.

iv. WHEN HYDROSEEDING DO NOT INCORPORATE SEED INTO THE SOIL.

B. MULCHING

1. MULCH MATERIALS (IN ORDER OF PREFERENCE)

a. STRAW CONSISTING OF THOROUGHLY THRESHED WHEAT, RYE, OAT, OR BARLEY AND REASONABLY BRIGHT IN COLOR. STRAW IS TO BE FREE OF NOXIOUS WEED SEEDS AS SPECIFIED IN THE MARYLAND SEED LAW AND NOT MUSTY, MOLDY, CAKED, DECAYED, OR EXCESSIVELY DUSTY. NOTE: USE ONLY STERILE STRAW MULCH IN AREAS WHERE ONE SPECIES OF GRASS IS DESIRED.

b. WOOD CELLULOSE FIBER MULCH (WCFM) CONSISTING OF SPECIALLY PREPARED WOOD CELLULOSE PROCESSED INTO A UNIFORM FIBROUS PHYSICAL STATE.

i. WCFM IS TO BE DYED GREEN OR CONTAIN A GREEN DYE IN THE PACKAGE THAT WILL PROVIDE AN APPROPRIATE COLOR TO FACILITATE VISUAL INSPECTION OF THE UNIFORMLY SPREAD SLURRY.

ii. WCFM, INCLUDING DYE, MUST CONTAIN NO GERMINATION OR GROWTH INHIBITING FACTORS.

iii. WCFM MATERIALS ARE TO BE MANUFACTURED AND PROCESSED IN SUCH A MANNER THAT THE WOOD CELLULOSE FIBER MULCH WILL REMAIN IN UNIFORM SUSPENSION IN WATER UNDER AGITATION AND WILL BLEND WITH SEED, FERTILIZER AND OTHER ADDITIVES TO FORM A HOMOGENEOUS SLURRY. THE MULCH MATERIAL MUST FORM A BLOTTER-LIKE GROUND COVER, ON APPLICATION, HAVING MOISTURE ABSORPTION AND PERCOLATION PROPERTIES AND MUST COVER AND HOLD GRASS SEED IN CONTACT WITH THE SOIL WITHOUT INHIBITING THE GROWTH OF THE GRASS SEEDLINGS.

iv. WCFM MATERIAL MUST NOT CONTAIN ELEMENTS OR COMPOUNDS AT CONCENTRATION LEVELS THAT WILL BE PHYTO-TOXIC.

v. WCFM MUST CONFORM TO THE FOLLOWING PHYSICAL REQUIREMENTS: FIBER LENGTH OF APPROXIMATELY 10 MILLIMETERS, DIAMETER APPROXIMATELY 1 MILLIMETER, PH RANGE OF 4.0 TO 8.5, ASH CONTENT OF 1.6 PERCENT MAXIMUM AND WATER HOLDING CAPACITY OF 90 PERCENT MINIMUM.

2. APPLICATION

a. APPLY MULCH TO ALL SEEDED AREAS IMMEDIATELY AFTER SEEDING

b. WHEN STRAW MULCH IS USED, SPREAD IT OVER ALL SEEDED AREAS AT THE RATE OF 2 TONS PER ACRE TO A UNIFORM LOOSE DEPTH OF 1 TO 2 INCHES. APPLY MULCH TO ACHIEVE A UNIFORM DISTRIBUTION AND DEPTH SO THAT THE SOIL SURFACE IS NOT EXPOSED. WHEN USING A MULCH ANCHORING TOOL, INCREASE THE APPLICATION RATE TO 2.5 TONS PER ACRE.

c. WOOD CELLULOSE FIBER USED AS MULCH MUST BE APPLIED AT A NET DRY WEIGHT OF 1500 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER TO ATTAIN A MIXTURE WITH A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.

3. ANCHORING

a. PERFORM MULCH ANCHORING IMMEDIATELY FOLLOWING APPLICATION OF MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS (LISTED BY PREFERENCE), DEPENDING UPON THE SIZE OF THE AREA AND EROSION HAZARD:

I. A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEMENT DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE A MINIMUM OF 2 INCHES. THIS PRACTICE IS MOST EFFECTIVE ON LARGE AREAS, BUT IS LIMITED TO FLATTER SLOPES WHERE EQUIPMENT CAN OPERATE SAFELY. IF USED ON SLOPING LAND, THIS PRACTICE SHOULD FOLLOW THE CONTOUR.

II. WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. APPLY THE FIBER BINDER AT A NET DRY WEIGHT OF 750 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER AT A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.

III. SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRO-TACK), DCA-70, PETROSET, TERRA TAX II, TERRA TACK AR OR OTHER APPROVED EQUAL MAY BE USED. FOLLOW APPLICATION RATES AS SPECIFIED BY THE MANUFACTURER. APPLICATION OF LIQUID BINDERS NEEDS TO BE HEAVIER AT THE EDGES WHERE WIND CATCHES MULCH, SUCH AS IN VALLEYS AND ON CRESTS OF BANKS. USE OF ASPHALT BINDERS IS STRICTLY PROHIBITED.

IV. LIGHTWEIGHT PLASTIC NETTING MAY BE STAPLED OVER THE MULCH ACCORDING TO MANUFACTURER RECOMMENDATIONS. NETTING IS USUALLY AVAILABLE IN ROLLS 4 TO 15 FEET WIDE AND 300 TO 3,000 FEET LONG.

PERMANENT STABILIZATION

CONDITIONS WHERE PRACTICE APPLIES:

EXPOSED SOILS WHERE GROUND COVER IS NEEDED FOR 6 MONTHS OR MORE.

CRITERIA:

A. SEED MIXTURES

1. GENERAL USE

a. SELECT ONE OR MORE OF THE SPECIES OR SEED MIXTURES LISTED IN TABLE AT THE RIGHT TITLED "PERMANENT SEEDING SUMMARY TABLE"

b. ADDITIONAL PLANTING SPECIFICATIONS FOR EXCEPTIONAL SITES SUCH AS SHORELINES, STREAM BANKS, OR DUNES OR FOR SPECIAL PURPOSES SUCH AS WILDLIFE OR AESTHETIC TREATMENT MAY BE FOUND IN USDA-NRCS TECHNICAL FIELD OFFICE GUIDE, SECTION 342 - CRITICAL AREA PLANTING.

c. FOR SITES HAVING DISTURBED AREA OVER 5 ACRES, USE AND SHOW THE RATES RECOMMENDED BY THE SOIL TESTING AGENCY.

d. FOR AREAS RECEIVING LOW MAINTENANCE, APPLY UREA FORM FERTILIZER (46-0-0) AT 3 ½ POUNDS PER 1000 SQUARE FEET (150 POUNDS PER ACRE) AT THE TIME OF SEEDING IN ADDITION TO THE SOIL AMENDMENTS SHOWN IN THE PERMANENT SEEDING SUMMARY.

2. TURFGRASS MIXTURES

a. AREAS WHERE TURFGRASS MAY BE DESIRED INCLUDE LAWNS, PARKS, PLAYGROUNDS, AND COMMERCIAL SITES WHICH WILL RECEIVE A MEDIUM TO HIGH LEVEL OF MAINTENANCE.

b. SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED BELOW BASED ON THE SITE CONDITIONS OR PURPOSE. ENTER SELECTED MIXTURE(S), APPLICATION RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY. THE SUMMARY IS TO BE PLACED ON THE PLAN.

I. KENTUCKY BLUEGRASS: FULL SUN MIXTURE: FOR USE IN AREAS THAT RECEIVE INTENSIVE MANAGEMENT. IRRIGATION REQUIRED IN THE AREAS OF CENTRAL MARYLAND AND EASTERN SHORE. RECOMMENDED CERTIFIED KENTUCKY BLUEGRASS CULTIVARS SEEDING RATE: 1.5 TO 2.0 POUNDS PER 1000 SQUARE FEET. CHOOSE A MINIMUM OF THREE KENTUCKY BLUEGRASS CULTIVARS WITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY WEIGHT.

II. KENTUCKY BLUEGRASS/PERENNIAL RYE: FULL SUN MIXTURE: FOR USE IN FULL SUN AREAS WHERE RAPID ESTABLISHMENT IS NECESSARY AND WHEN TURF WILL RECEIVE MEDIUM TO INTENSIVE MANAGEMENT. CERTIFIED PERENNIAL RYEGRASS CULTIVARS/CERTIFIED KENTUCKY BLUEGRASS SEEDING RATE: 2 POUNDS MIXTURE PER 1000 SQUARE FEET. CHOOSE A MINIMUM OF THREE KENTUCKY BLUEGRASS CULTIVARS WITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY WEIGHT.

III. TALL FESCUE/KENTUCKY BLUEGRASS: FULL SUN MIXTURE: FOR USE IN DROUGHT PRONE AREAS AND/OR FOR AREAS RECEIVING LOW TO MEDIUM MANAGEMENT IN FULL SUN TO MEDIUM SHADE. RECOMMENDED MIXTURE INCLUDES; CERTIFIED TALL FESCUE CULTIVARS 95 TO 100 PERCENT, CERTIFIED KENTUCKY BLUEGRASS CULTIVARS 0 TO 5 PERCENT. SEEDING RATE: 5 TO 8 POUNDS PER 1000 SQUARE FEET. ONE OR MORE CULTIVARS MAY BE BLENDED.

IV. KENTUCKY BLUEGRASS/FINE FESCUE: SHADE MIXTURE: FOR USE IN AREAS WITH SHADE IN BLUEGRASS LAWNS. FOR ESTABLISHMENT IN HIGH QUALITY, INTENSIVELY MANAGED TURF AREA. MIXTURE INCLUDES; CERTIFIED KENTUCKY BLUEGRASS CULTIVARS 30 TO 40 PERCENT AND CERTIFIED FINE FESCUE AND 60TO 70 PERCENT. SEEDING RATE: 1½ TO 3 POUNDS PER 1000 SQUARE FEET.

C. IDEAL TIMES OF SEEDING FOR TURF GRASS MIXTURES

SOUTHERN MD, EASTERN SHORE:
MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDINESS ZONE: 7A)

D. TILL AREAS TO RECEIVE SEED BY DISKING OR OTHER APPROVED METHODS TO A DEPTH OF 2 TO 4 INCHES, LEVEL AND RAKE THE AREAS TO PREPARE A PROPER SEEDBED. REMOVE STONES AND DEBRIS OVER 1½ INCHES IN DIAMETER. THE RESULTING SEEDBED MUST BE IN SUCH CONDITION THAT FUTURE MOWING OF GRASSES WILL POSE NO DIFFICULTY.

E. IF SOIL MOISTURE IS DEFICIENT, SUPPLY NEW SEEDINGS WITH ADEQUATE WATER FOR PLANT GROWTH (½ TO 1 INCH EVERY 3 TO 4 DAYS DEPENDING ON SOIL TEXTURE) UNTIL THEY ARE FIRMLY ESTABLISHED. THIS IS ESPECIALLY TRUE WHEN SEEDINGS ARE MADE LATE IN THE PLANTING SEASON, IN ABNORMALLY DRY OR HOT SEASONS, OR ON ADVERSE SITES.

B. SOD: TO PROVIDE QUICK COVER ON DISTURBED AREAS (2:1 GRADE OR FLATTER).

1. GENERAL SPECIFICATIONS

a. CLASS OF TURFGRASS SOD MUST BE MARYLAND STATE CERTIFIED. SOD LABELS MUST BE MADE AVAILABLE TO THE JOB FOREMAN AND INSPECTOR.

b. SOD MUST BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF ¾ INCH, PLUS OR MINUS ¼ INCH, AT THE TIME OF CUTTING. MEASUREMENT FOR THICKNESS MUST EXCLUDE TOP GROWTH AND THATCH. BROKEN PADS AND TORN OR UNEVEN ENDS WILL NOT BE ACCEPTABLE.

c. STANDARD SIZE SECTIONS OF SOD MUST BE STRONG ENOUGH TO SUPPORT THEIR OWN WEIGHT AND RETAIN THEIR SIZE AND SHAPE WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP ON THE UPPER 10 PERCENT OF THE SECTION.

d. SOD MUST NOT BE HARVESTED OR TRANSPLANTED WHEN MOISTURE CONTENT (EXCESSIVELY DRY OR WET) MAY ADVERSELY AFFECT ITS SURVIVAL.

e. SOD MUST BE HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 36 HOURS. SOD NOT TRANSPLANTED WITHIN THIS PERIOD MUST BE APPROVED BY AN AGRONOMIST OR SOIL SCIENTIST PRIOR TO ITS INSTALLATION.

2. SOD INSTALLATION

a. DURING PERIODS OF EXCESSIVELY HIGH TEMPERATURE OR IN AREAS HAVING DRY SUBSOIL, LIGHTLY IRRIGATE THE SUBSOIL IMMEDIATELY PRIOR TO LAYING THE SOD.

b. LAY THE FIRST ROW OF SOD IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACED PARALLEL TO IT AND TIGHTLY WEDGED AGAINST EACH OTHER. STAGGER LATERAL JOINTS TO PROMOTE MORE UNIFORM GROWTH AND STRENGTH. ENSURE THAT SOD IS NOT STRETCHED OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE AIR DRYING OF THE ROOTS.

c. WHEREVER POSSIBLE, LAY SOD WITH THE LONG EDGES PARALLEL TO THE CONTOUR AND WITH STAGGERING JOINTS. ROLL AND TAMP, PEG OR OTHERWISE SECURE THE SOD TO PREVENT SLIPPAGE ON SLOPES. ENSURE SOLID CONTACT EXISTS BETWEEN SOD ROOTS AND THE UNDERLYING SOIL SURFACE.

d. WATER THE SOD IMMEDIATELY FOLLOWING ROLLING AND TAMPING UNTIL THE UNDERSIDE OF THE NEW SOD PAD AND SOIL SURFACE BELOW THE SOD ARE THOROUGHLY WET. COMPLETE THE OPERATIONS OF LAYING, TAMPING AND IRRIGATING FOR ANY PIECE OF SOD WITHIN EIGHT HOURS.

3. SOD MAINTENANCE

a. IN THE ABSENCE OF ADEQUATE RAINFALL, WATER DAILY DURING THE FIRST WEEK OR AS OFTEN AND SUFFICIENTLY AS NECESSARY TO MAINTAIN MOIST SOIL TO A DEPTH OF 4 INCHES. WATER SOD DURING THE HEAT OF THE DAY TO PREVENT WILTING.

b. AFTER THE FIRST WEEK, SOD WATERING IS REQUIRED AS NECESSARY TO MAINTAIN ADEQUATE MOISTURE CONTENT.

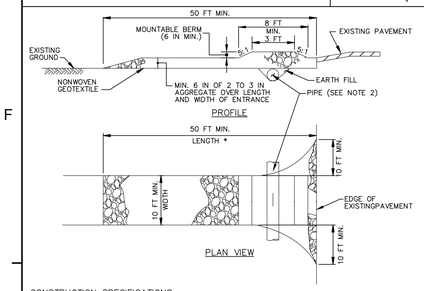
c. DO NOT MOW UNTIL THE SOD IS FIRMLY ROOTED. NO MORE THAN ⅓ OF THE GRASS LEAF MUST BE REMOVED BY THE INITIAL CUTTING OR SUBSEQUENT CUTTINGS. MAINTAIN A GRASS HEIGHT OF AT LEAST 3 INCHES UNLESS OTHERWISE SPECIFIED.

MAINTENANCE FERTILIZATION TABLE FOR PERMANENT SEEDING

SEEDING MIXTURE	TYPE	LB/AC	LB/1000 SF	TIME	MOWING
TALL FESCUE MAKES UP 70 PERCENT OR MORE OF COVER.	10-10-10 OR 30-10-10	500 400	11.5 9.2	YEARLY OR AS NEEDED. FALL	NOT CLOSER THAN 3 INCHES, IF OCCASIONAL MOWING IS DESIRED.
BIRDSFOOT TREFOIL.	0-20-0	400	9.2	SPRING, THE YEAR FOLLOWING ESTABLISHMENT, AND EVERY 4 TO 5 YEARS, THEREAFTER.	MOW NO CLOSER THAN 2 INCHES.
FAIRLY UNIFORM STAND OF TALL FESCUE OR BIRDSFOOT TREFOIL.	5-10-10	500	11.5	FALL, THE YEAR FOLLOWING ESTABLISHMENT, AND EVERY 4 TO 5 YEARS, THEREAFTER.	NOT REQUIRED, NO CLOSER THAN 4 INCHES IN THE FALL AFTER SEED HAS MATURED.
WEEPING LOVEGRASS FAIRLY UNIFORM PLANT DISTRIBUTION.	5-10-10	500	11.5	SPRING, THE YEAR FOLLOWING ESTABLISHMENT, AND EVERY 3 TO 4 YEARS, THEREAFTER.	NOT REQUIRED, NO CLOSER THAN 4 INCHES IN THE FALL AFTER SEED HAS MATURED.
RED & CHEWINGS FESCUE, KENTUCKY BLUEGRASS, HARD FESCUE MIXTURES.

DETAIL B-1 STABILIZED CONSTRUCTION ENTRANCE

STANDARD SYMBOL SCE



CONSTRUCTION SPECIFICATIONS

1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (*30 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
2. PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.
3. PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
4. PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

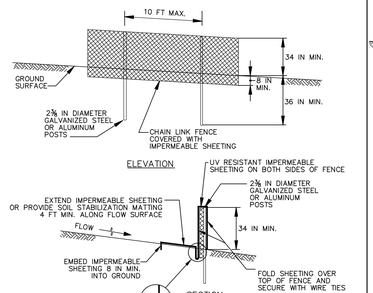
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL C-9 DIVERSION FENCE

STANDARD SYMBOL DF

MAXIMUM DRAINAGE AREA = 2 ACRES



CONSTRUCTION SPECIFICATIONS

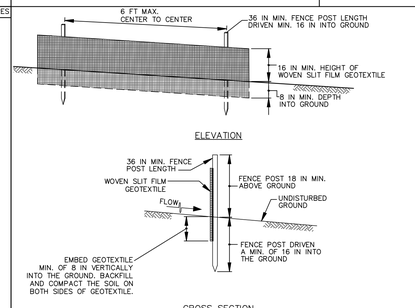
1. USE 42 INCH HIGH, 9 GAUGE OR THICKER CHAIN LINK FENCING (2⅜ INCH MAXIMUM OPENING).
2. USE 2⅜ INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. THE POSTS DO NOT NEED TO BE SET IN CONCRETE.
3. FASTEN CHAIN LINK FENCE SECURELY TO THE FENCE POSTS WITH WIRE TIES.
4. SECURE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING TO CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT TOP, MID SECTION, AND BELOW GROUND SURFACE.
5. EXTEND SHEETING A MINIMUM OF 4 FEET ALONG FLOW SURFACE AND EMBED END A MINIMUM OF 8 INCHES INTO GROUND. SOIL STABILIZATION MATTING MAY BE USED IN LIEU OF IMPERMEABLE SHEETING ALONG FLOW SURFACE.
6. WHEN TWO SECTIONS OF SHEETING ADJOIN EACH OTHER, OVERLAP BY 6 INCHES AND FOLD WITH SEAM FACING DOWNGRADE.
7. KEEP FLOW SURFACE ALONG DIVERSION FENCE AND POINT OF DISCHARGE FREE OF EROSION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. MAINTAIN POSITIVE DRAINAGE. REPLACE IMPERMEABLE SHEETING IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL E-1 SILT FENCE

STANDARD SYMBOL SF



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MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL E-1 SILT FENCE

STANDARD SYMBOL SF

CONSTRUCTION SPECIFICATIONS

1. USE WOOD POSTS 1¾ X 1¾ ± ⅛ INCH (MINIMUM) SQUARE CUT OF SOUND QUALITY HARDWOOD. AS AN ALTERNATIVE TO WOODEN POST USE STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT.
2. USE 36 INCH MINIMUM POSTS DRIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APART.
3. USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS AND FASTEN GEOTEXTILE SECURELY TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION.
4. PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
5. EMBED GEOTEXTILE A MINIMUM OF 8 INCHES VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FABRIC.
6. WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, TWIST, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL.
7. EXTEND BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE.
8. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.

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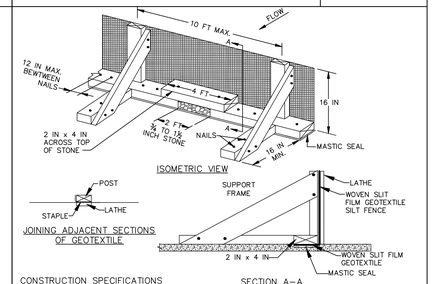
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL E-2 SILT FENCE ON PAVEMENT

STANDARD SYMBOL SFOP



CONSTRUCTION SPECIFICATIONS

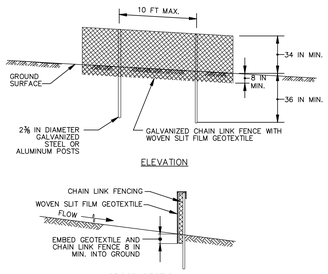
1. USE NOMINAL 2 INCH X 4 INCH LUMBER.
2. USE WOVEN SLIT FILM GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
3. PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
4. SPACE UPRIGHT SUPPORTS NO MORE THAN 10 FEET APART.
5. PROVIDE A TWO FOOT OPENING BETWEEN EVERY SET OF SUPPORTS AND PLACE STONE IN THE OPENING OVER GEOTEXTILE.
6. KEEP SILT FENCE TAUT AND SECURELY STAPLE TO THE UPSLOPE SIDE OF UPRIGHT SUPPORTS. EXTEND GEOTEXTILE UNDER 2x4.
7. WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, FOLD, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL. ATTACH LATHE.
8. PROVIDE A MASTIC SEAL BETWEEN PAVEMENT, GEOTEXTILE, AND 2x4 TO PREVENT SEDIMENT-LADEN WATER FROM ESCAPING BENEATH SILT FENCE INSTALLATION.
9. SECURE BOARDS TO PAVEMENT WITH 40D 5 INCH MINIMUM LENGTH NAILS.
10. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. MAINTAIN WATER TIGHT SEAL ALONG BOTTOM. REPLACE STONE IF DISPLACED.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL E-3 SUPER SILT FENCE

STANDARD SYMBOL SSF



CONSTRUCTION SPECIFICATIONS

1. INSTALL 2⅜ INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
2. FASTEN 9 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2⅜ INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS.
3. FASTEN WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND.
4. WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS.
5. EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE.
6. PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
7. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

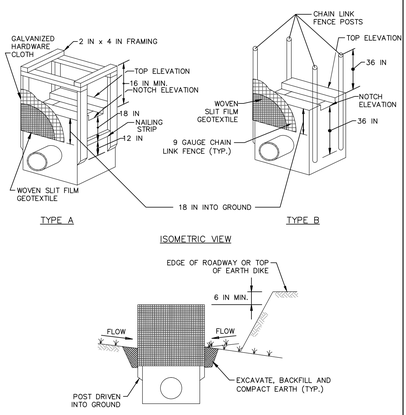
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL E-9-1 STANDARD INLET PROTECTION

STANDARD SYMBOL SIP

TYPE A MAXIMUM DRAINAGE AREA = ¾ ACRE
TYPE B MAXIMUM DRAINAGE AREA = 1 ACRE



1 OF 2

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL E-9-1 STANDARD INLET PROTECTION

STANDARD SYMBOL SIP

CONSTRUCTION SPECIFICATIONS

1. USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
2. EXCAVATE COMPLETELY AROUND THE INLET TO A DEPTH OF 18 INCHES BELOW THE NOTCH ELEVATION.
3. FOR TYPE A, USE NOMINAL 2 INCH X 4 INCH CONSTRUCTION GRADE LUMBER POSTS, DRIVEN 1 FOOT INTO THE GROUND AT EACH CORNER OF THE INLET. PLACE NAIL STRIPS BETWEEN THE POSTS ON THE ENDS OF THE INLET. ASSEMBLE THE TOP PORTION OF THE 2X4 FRAME AS SHOWN. STRETCH ½ INCH GALVANIZED HARDWARE CLOTH TIGHTLY AROUND THE FRAME AND FASTEN SECURELY. FASTEN GEOTEXTILE SECURELY TO THE HARDWARE CLOTH WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND HARDWARE CLOTH A MINIMUM OF 18 INCHES BELOW THE WEIR CREST. THE ENDS OF THE GEOTEXTILE MUST MEET AT A POST, BE OVERLAPPED AND FOLDED, THEN FASTENED TO THE POST.

   FOR TYPE B, USE 2⅜ INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND 6 FOOT LENGTH, DRIVEN A MINIMUM OF 36 INCHES BELOW THE WEIR CREST AT EACH CORNER OF THE STRUCTURE. FASTEN 9 GAUGE OR HEAVIER CHAIN LINK FENCE, 42 INCHES IN HEIGHT, SECURELY TO THE FENCE POSTS WITH WIRE TIES. FASTEN GEOTEXTILE SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 18 INCHES BELOW THE WEIR CREST.
4. BACKFILL AROUND THE INLET IN LOOSE 4 INCH LIFTS AND COMPACT UNTIL SOIL IS LEVEL WITH THE NOTCH ELEVATION ON THE ENDS AND TOP ELEVATION ON THE SIDES.
5. STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

2 OF 2

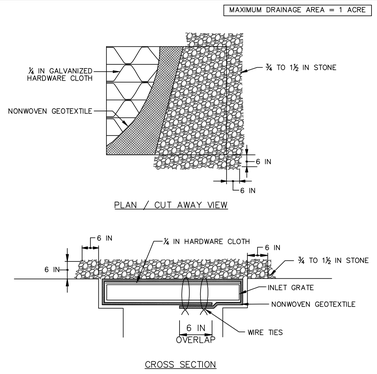
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL E-9-2 AT-GRADE INLET PROTECTION

STANDARD SYMBOL AGIP

MAXIMUM DRAINAGE AREA = 1 ACRE



CONSTRUCTION SPECIFICATIONS

1. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
2. LIFT GRATE AND WRAP WITH NONWOVEN GEOTEXTILE TO COMPLETELY COVER ALL OPENINGS. SECURE WITH WIRE TIES AND SET GRATE BACK IN PLACE.
3. PLACE CLEAN ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE 6 INCHES THICK ON THE GRATE.
4. STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

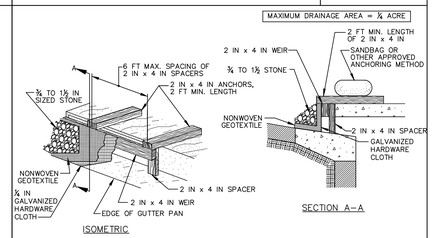
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL E-9-3 CURB INLET PROTECTION

STANDARD SYMBOL CIP

MAXIMUM DRAINAGE AREA = ¼ ACRE



CONSTRUCTION SPECIFICATIONS

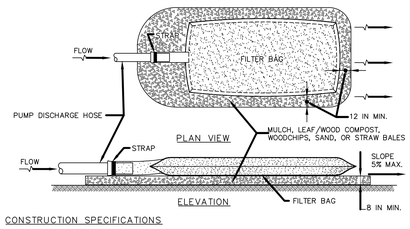
1. USE NOMINAL 2 INCH x 4 INCH LUMBER
2. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
3. NAIL THE 2x4 WEIR TO 9 INCH LONG VERTICAL SPACERS (MAXIMUM 6 FEET APART).
4. ATTACH A CONTINUOUS PIECE OF ¼ INCH GALVANIZED HARDWARE CLOTH, WITH A MINIMUM WIDTH OF 30 INCHES AND A MINIMUM LENGTH OF 4 FEET LONGER THAN THE THROAT OPENING, TO THE 2x4 WEIR, EXTENDING IT 2 FEET BEYOND THROAT ON EACH SIDE.
5. PLACE A CONTINUOUS PIECE OF NONWOVEN GEOTEXTILE OF THE SAME DIMENSIONS AS THE HARDWARE CLOTH OVER THE HARDWARE CLOTH AND SECURELY ATTACH TO THE 2x4 WEIR.
6. PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL TO 2x4 ANCHORS (MINIMUM 2 FEET LENGTH). EXTEND THE ANCHORS ACROSS THE INLET TOP AND HOLD IN PLACE BY SANDBAGS OR OTHER APPROVED ANCHORING METHOD.
7. INSTALL END SPACERS A MINIMUM OF 1 FOOT BEYOND THE ENDS OF THE THROAT OPENING.
8. FORM THE HARDWARE CLOTH AND THE GEOTEXTILE TO THE CONCRETE GUTTER AND FACE OF CURB TO SPAN THE INLET OPENING. COVER THE HARDWARE CLOTH AND GEOTEXTILE WITH CLEAN ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE.
9. AT NON-SUMP LOCATIONS, INSTALL A TEMPORARY SANDBAG OR ASPHALT BERM TO PREVENT INLET BYPASS.
10. STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL F-4 FILTER BAG

STANDARD SYMBOL FB



CONSTRUCTION SPECIFICATIONS

1. TIGHTLY SEAL SLEEVE AROUND THE PUMP DISCHARGE HOSE WITH A STRAP OR SIMILAR DEVICE.
2. PLACE FILTER BAG ON SUITABLE BASE (E.G., MULCH, LEAF/WOOD COMPOST, WOODCHIPS, SAND, OR STRAW BALES) LOCATED ON A LEVEL OR 5% MAXIMUM SLOPING SURFACE. DISCHARGE TO A STABILIZED AREA. EXTEND BASE A MINIMUM OF 12 INCHES FROM EDGES OF BAG.
3. CONTROL PUMPING RATE TO PREVENT EXCESSIVE PRESSURE WITHIN THE FILTER BAG IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. AS THE BAG FILLS WITH SEDIMENT, REDUCE PUMPING RATE.
4. REMOVE AND PROPERLY DISPOSE OF FILTER BAG UPON COMPLETION OF PUMPING OPERATIONS OR AFTER BAG HAS REACHED CAPACITY, WHICHEVER OCCURS FIRST. SPREAD THE DEWATERED SEDIMENT FROM THE BAG IN AN APPROVED UPLAND AREA AND STABILIZE WITH SEED AND MULCH BY THE END OF THE WORK DAY. RESTORE THE SURFACE AREA BENEATH THE BAG TO ORIGINAL CONDITION UPON REMOVAL OF THE DEVICE.
5. USE NONWOVEN GEOTEXTILE WITH DOUBLE STITCHED SEAMS USING HIGH STRENGTH THREAD. SIZE SLEEVE TO ACCOMMODATE A MAXIMUM 4 INCH DIAMETER PUMP DISCHARGE HOSE. THE BAG MUST BE MANUFACTURED FROM A NONWOVEN GEOTEXTILE THAT MEETS OR EXCEEDS MINIMUM AVERAGE ROLL VALUES (MARV) FOR THE FOLLOWING:

GRAB TENSILE	250 LB	ASTM D-4632
PUNCTURE	150 LB	ASTM D-4833
FLOW RATE	70 GAL/MIN/FT^2	ASTM D-4491
PERMITTIVITY (SEC^{-1})	1.2 SEC^{-1}	ASTM D-4491
UV RESISTANCE	70% STRENGTH @ 500 HOURS	ASTM D-4355
APPARENT OPENING SIZE (AOS)	0.15-0.18 MM	ASTM D-4751
SEAM STRENGTH	90%	ASTM D-4632

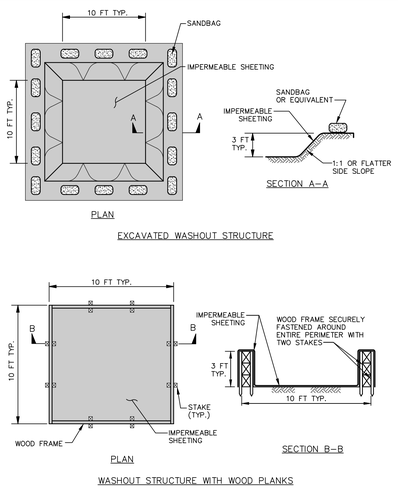
6. REPLACE FILTER BAG IF BAG CLOGS OR HAS RIPS, TEARS, OR PUNCTURES. DURING OPERATION KEEP CONNECTION BETWEEN PUMP HOSE AND FILTER BAG WATER TIGHT. REPLACE BEDDING IF IT BECOMES DISPLACED.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL H-6 ONSITE CONCRETE WASHOUT STRUCTURE

STANDARD SYMBOL CWS



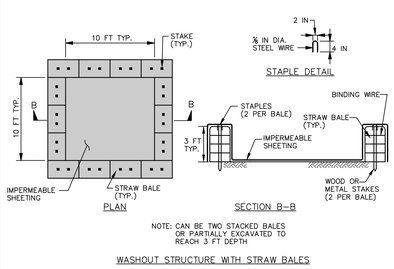
1 OF 2

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL H-6 ONSITE CONCRETE WASHOUT STRUCTURE

STANDARD SYMBOL CWS



CONSTRUCTION SPECIFICATIONS

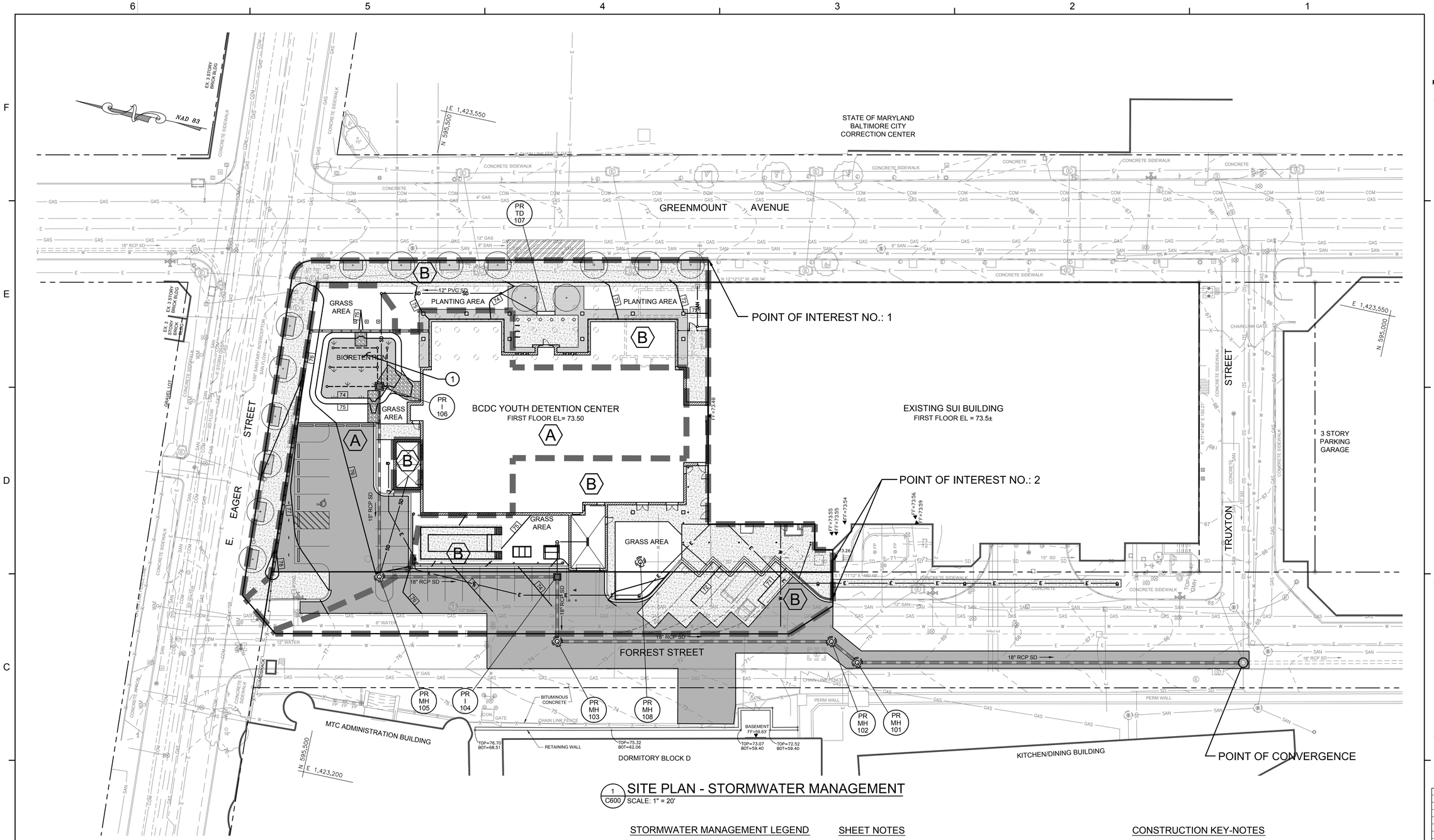
1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
2. SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
3. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
4. PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
5. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

NOTE TO CONTRACTOR:
"EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED"

A J



1 / C600 SITE PLAN - STORMWATER MANAGEMENT

SCALE: 1" = 20'

PRE-DEVELOPED DRAINAGE AREA DATA						
DA #	AREA (ac)	FLOW PATHS A-B	FLOW PATHS B-C	Tc (min)	RCN	Qp (cfs)
A&B	1.092	50' @ 1.5% SF	500' @ 5 FPS	6	98	6.96

DEVELOPED DRAINAGE AREA DATA						
DA #	AREA (ac)	FLOW PATHS A-B	FLOW PATHS B-C	Tc (min)	RCN	Qp (cfs)
A	0.458	50' @ 1.5% SF	100' @ 5 FPS	11	80	1.88
B	0.634	50' @ 1.5% SF	446' @ 5 FPS	6	93	3.80

WATER QUAILITY DRAINAGE AREA DATA			
DA #	AREA ac	RCN	BMP
A	0.458	80	BIORETENTION FACILITY

STORMWATER MANAGEMENT LEGEND

- DRAINAGE AREA DELINEATION
- (A) DRAINAGE AREA IDENTIFICATION

HATCH LEGEND

- PROP. BIORETENTION FACILITY
- PROP. CONCRETE
- PROP. BITUMINOUS CONCRETE PAVEMENT
- PROP. PERVIOUS PAVERS
- PROP. GRAVEL

SHEET NOTES

1. SEE SHEET CG000 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. SEE SHEET C201 FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.
3. ALL DEBRIS AND/OR SPOILS SHALL BE REMOVED TO AN APPROVED SITE. NO STOCKPILING SHALL BE ALLOWED ONSITE.
5. SEE SHEET C130 FOR EROSION AND SEDIMENT CONTROL DETAILS.
6. SEE SHEET C140 FOR SURFACE FEATURE DETAILS.
7. SEE SHEETS C400 AND C401 FOR STORM DRAIN PROFILES.
8. SEE SHEET C402 FOR STORM DRAIN DETAILS.
9. SEE SHEETS C601 AND C602 FOR BIORETENTION FACILITY (STORMWATER MANAGEMENT) DETAILS

CONSTRUCTION KEY-NOTES

1. NEW BIORETENTION FACILITY (SEE SHEET C601 FOR ENLARGED PLAN).

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

PROFESSIONAL CERTIFICATION

I, JOHN E. WALKER,
HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NUMBER: 200931

EXPIRATION DATE: JULY 9, 2015

STATE OF MARYLAND JOHN EDWARD WALKER No. 200931 PROFESSIONAL ENGINEER

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

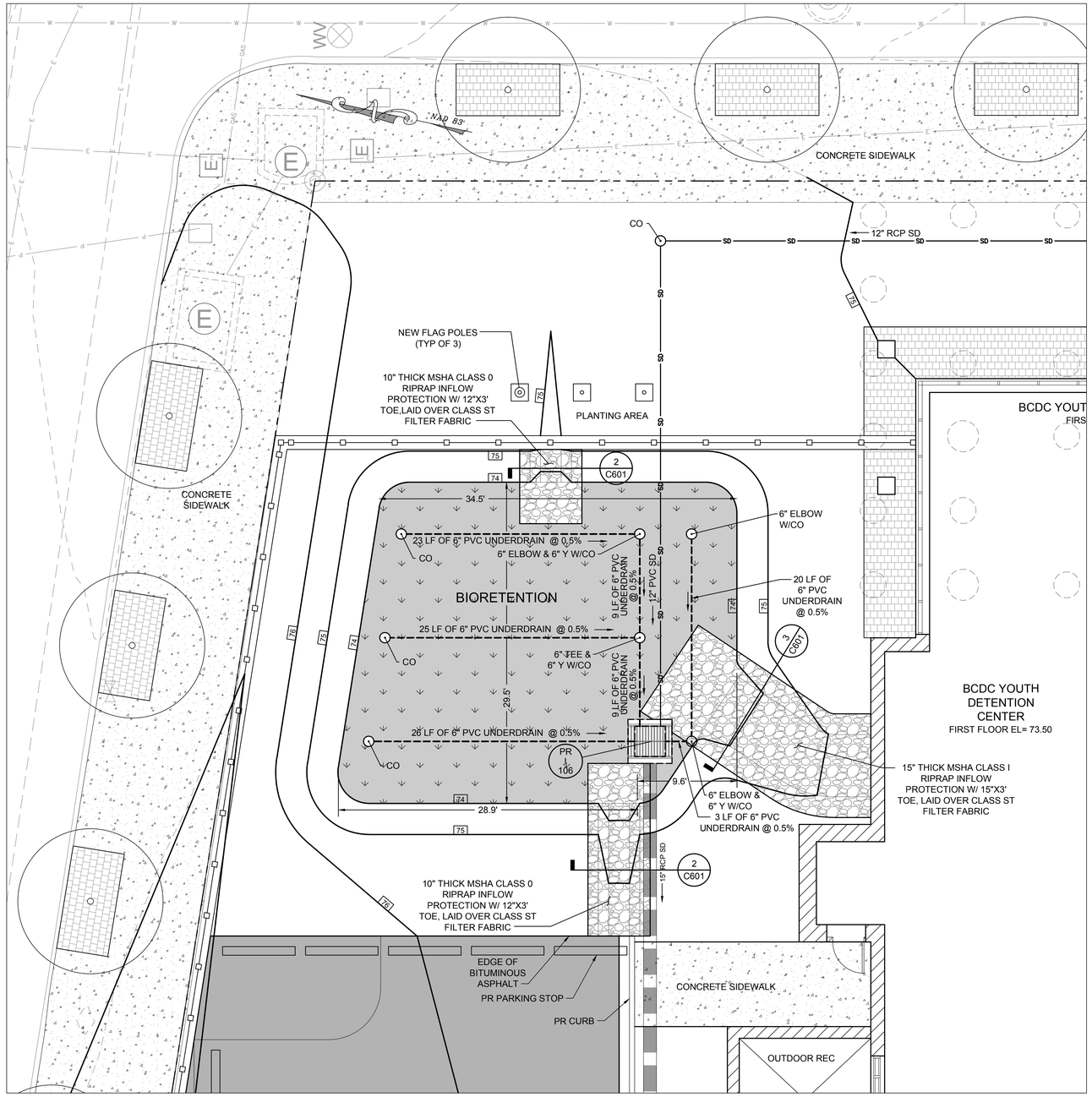
TITLE

SITE PLAN - STORMWATER MANAGEMENT

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C600

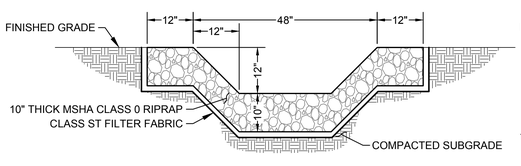
SHEET NO.



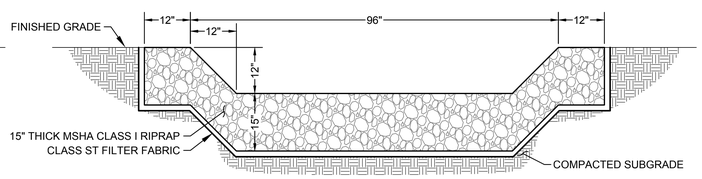
1 C601 ENLARGED PLAN - BIORETENTION #1
SCALE: 1" = 5'

HATCH LEGEND

- PROP. BIORETENTION FACILITY
- PROP. CONCRETE
- PROP. BITUMINOUS CONCRETE PAVEMENT
- PROP. PERVIOUS PAVERS
- PROP. GRAVEL



2 C601 SECTION - INFLOW PROTECTION
NOT TO SCALE



3 C601 SECTION - INFLOW PROTECTION
NOT TO SCALE

SHEET NOTES

1. SEE SHEET CG000 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. SEE C201 FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.
3. ALL DEBRIS AND/OR SPOILS SHALL BE REMOVED TO AN APPROVED SITE. NO STOCKPILING SHALL BE ALLOWED ONSITE.
5. SEE SHEET C130 FOR EROSION AND SEDIMENT CONTROL DETAILS.
6. SEE SHEET C140 FOR SURFACE FEATURE DETAILS.
7. SEE SHEETS C400 AND C401 FOR STORM DRAIN PROFILES.
8. SEE SHEET C402 FOR STORM DRAIN DETAILS.
9. SEE SHEET C602 FOR BIORETENTION FACILITY (STORMWATER MANAGEMENT) DETAILS.

GRAPHIC SCALE
5 0 2.5 5 10 20
(IN FEET)
1 inch = 5 ft.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

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SEAL

No.	Description	Date

REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

TITLE
ENLARGED SITE PLAN - STORMWATER MANAGEMENT

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C601
SHEET NO.

BIORETENTION SPECIFICATIONS

1. MATERIAL SPECIFICATIONS: THE ALLOWABLE MATERIALS TO BE USED IN BIORETENTION AREA ARE DETAILED IN TABLE B.3.2.

2. PLANTING SOIL: THE SOIL SHALL BE A UNIFORM MIX, FREE OF STONES, STUMPS, ROOTS OR OTHER SIMILAR OBJECTS LARGER THAN TWO INCHES. NO OTHER MATERIALS OR SUBSTANCES SHALL BE MIXED OR DUMPED WITHIN THE BIORETENTION AREA THAT MAY BE HARMFUL TO PLANT GROWTH, OR PROVE A HINDRANCE TO THE PLANTING OR MAINTENANCE OPERATIONS. THE PLANTING SOIL SHALL BE FREE OF BERMUDA GRASS, QUACKGRASS, JOHNSON GRASS, OR OTHER NOXIOUS WEEDS AS SPECIFIED UNDER COMAR 15.08.01.05.

   THE PLANTING SOIL SHALL BE TESTED AND SHALL MEET THE FOLLOWING CRITERIA.

PH RANGE	5.2-7.0
ORGANIC MATTER	1.5-4% (BY WEIGHT)
MAGNESIUM	35 LB./AC.
PHOSPHORUS (PHOSPHATE)	75 LB./AC.
POTASSIUM (POTASH)	85LB./AC.
SOLUBLE SALTS	NOT TO EXCEED 500 PPM

   ALL BIORETENTION AREAS SHALL HAVE A MINIMUM OF ONE TEST. EACH TEST SHALL CONSIST OF BOTH THE STANDARD SOIL TEST FOR PH, PHOSPHORUS, AND POTASSIUM AND ADDITIONAL TESTS OF ORGANIC MATTER, AND SOLUBLE SALTS. A TEXTURAL ANALYSIS IS REQUIRED FROM THE SITE STOCKPILED TOPSOIL. IF TOPSOIL IS IMPORTED, THEN A TEXTURE ANALYSIS SHALL BE PERFORMED FOR EACH LOCATION WHERE THE TOP SOIL WAS EXCAVATED.

   SINCE DIFFERENT LABS CALIBRATE THEIR TESTING EQUIPMENT DIFFERENTLY, ALL TESTING RESULTS SHALL COME FROM THE SAME TESTING FACILITY.

   SHOULD THE PH FALL OUT OF THE ACCEPTABLE RANGE, IT MAY BE MODIFIED (HIGHER) WITH LIME OR (LOWER) WITH IRON SULFATE PLUS SULFUR.

3. COMPACTION IT IS VERY IMPORTANT TO MINIMIZE COMPACTION OF BOTH THE BASE OF THE BIORETENTION AREA AND THE REQUIRED BACKFILL. WHEN POSSIBLE, USE EXCAVATION HOES TO REMOVE ORIGINAL SOIL. IF BIORETENTION AREAS ARE EXCAVATED USING A LOADER, THE CONTRACTOR SHOULD USE WIDE TRACK OR MARSH TRACK EQUIPMENT, OR LIGHT EQUIPMENT WITH TURF TYPE TIRES. USE OF EQUIPMENT WITH NARROW TRACKS OR NARROW TIRES, RUBBER TIRES WITH LARGE LUGS, OR HIGH PRESSURE TIRES WILL CAUSE EXCESSIVE COMPACTION RESULTING IN REDUCED INFILTRATION RATES AND IS NOT ACCEPTABLE. COMPACTION WILL SIGNIFICANTLY CONTRIBUTE TO DESIGN FAILURE.

   COMPACTION CAN BE ALLEVIATED AT THE BASE OF THE BIORETENTION FACILITY BY USING A PRIMARY TILLING OPERATION SUCH AS A CHISEL PLOW, RIPPER, OR SUBSOILER. THESE TILLING OPERATIONS ARE TO REFRACTURE THE SOIL PROFILE THROUGH THE 12 INCH COMPACTION ZONE. SUBSTITUTE METHODS MUST BE APPROVED BY THE ENGINEER. ROTOTILLERS TYPICALLY DO NOT TILL DEEP ENOUGH TO REDUCE THE EFFECTS OF COMPACTION FROM HEAVY EQUIPMENT.

   ROTOTILL 2 TO 3 INCHES OF SAND INTO THE BASE OF THE BIORETENTION FACILITY BEFORE BACKFILLING THE OPTIONAL SAND LAYER. PUMP ANY PONDED WATER BEFORE PREPARING (ROTOTILLING) BASE.

   WHEN BACKFILLING THE TOPSOIL OVER THE SAND LAYER, FIRST PLACE 3 TO 4 INCHES OF TOPSOIL OVER THE SAND, THEN ROTOTILL THE SAND/TOPSOIL TO CREATE A GRADATION ZONE. BACKFILL THE REMAINDER OF THE TOPSOIL TO FINAL GRADE.

   WHEN BACKFILLING THE BIORETENTION FACILITY, PLACE SOIL IN LIFTS 12" TO 18". DO NOT USE HEAVY EQUIPMENT WITHIN BIORETENTION BASIN. HEAVY EQUIPMENT CAN BE USED AROUND THE PERIMETER OF THE BASIN TO SUPPLY SOILS AND SAND. GRADE BIORETENTION MATERIALS WITH LIGHT EQUIPMENT SUCH AS A COMPACT LOADER OR A DOZER/LOADER WITH MARSH TRACKS.

4. PLANT MATERIAL: SEE LANDSCAPE PLANS FOR REQUIRED PLANTINGS IN EACH BIORETENTION FACILITY.

5. PLANT INSTALLATION: MULCH SHOULD BE PLACED TO A UNIFORM THICKNESS OF 2" TO 3". SHREDDED HARDWOOD MULCH IS THE ONLY ACCEPTABLE MULCH. PINE MULCH AND WOOD CHIPS WILL FLOAT AND MOVE TO THE PERIMETER OF THE BIORETENTION AREA DURING A STORM EVENT AND ARE NOT ACCEPTABLE. SHREDDED MULCH MUST BE WELL AGED (6 TO 12 MONTHS) FOR ACCEPTANCE.

   ROOT STOCK OF THE PLANT MATERIAL SHALL BE KEPT MOIST DURING TRANSPORT AND ON-SITE STORAGE. THE PLANT ROOT BALL SHOULD BE PLANTED SO 1/8 OF THE BALL IS ABOVE FINAL GRADE SURFACE. THE DIAMETER OF THE PLANTING PIT SHALL BE AT LEAST SIX INCHES LARGER THAN THE DIAMETER OF THE PLANTING BALL. SET AND MAINTAIN THE PLANT STRAIGHT DURING THE ENTIRE PLANTING PROCESS. THOROUGHLY WATER GROUND BED COVER AFTER INSTALLATION.

   TREES SHALL BE BRACED USING 2" BY 2" STAKES ONLY AS NECESSARY AND FOR THE FIRST GROWING SEASON ONLY. STAKES ARE TO BE EQUALLY SPACED ON THE OUTSIDE OF THE TREE BALL.

   GRASSES AND LEGUME SEED SHOULD BE DRILLED INTO THE SOIL TO A DEPTH OF AT LEAST ONE INCH. GRASS AND LEGUME PLUGS SHALL BE PLANTED FOLLOWING THE NON-GRASS GROUND COVER PLANTING SPECIFICATIONS.

   THE TOPSOIL SPECIFICATIONS PROVIDE ENOUGH ORGANIC MATERIAL TO ADEQUATELY SUPPLY NUTRIENTS FROM NATURAL CYCLING. THE PRIMARY FUNCTION OF THE BIORETENTION STRUCTURE IS TO IMPROVE WATER QUALITY. ADDING FERTILIZERS DEFEATS, OR AT A MINIMUM, IMPEDES THIS GOAL. ONLY ADD FERTILIZER IF WOOD CHIPS OR MULCH ARE USED TO AMEND THE SOIL. ROTOTILL UREA FERTILIZER AT A RATE OF 2 POUNDS PER 1,000 SQUARE FEET.

6. UNDERDRAINS: UNDERDRAINS ARE TO BE PLACED ON A 3'-0" WIDE SECTION OF FILTER CLOTH. PIPE IS PLACED NEXT, FOLLOWED BY THE GRAVEL BEDDING. THE ENDS OF UNDERDRAIN PIPES NOT TERMINATING IN AN OBSERVATION WELL SHALL BE CAPPED.

   THE MAIN COLLECTOR PIPE FOR UNDERDRAIN SYSTEMS SHALL BE CONSTRUCTED AT A MINIMUM SLOPE OF 0.5%. OBSERVATION WELLS AND/OR CLEAN-OUT PIPES MUST BE PROVIDED (ONE MINIMUM PER EVERY 1000 SQUARE FEET OF SURFACE AREA).

7. THE BIORETENTION FACILITY MAY NOT BE CONSTRUCTED UNTIL ANY CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

BIORETENTION MAINTENANCE

1. THE BIORETENTION FACILITY MUST BE INSPECTED REGULARLY. WHEN PONDING IS EVIDENT ON THE SURFACE OF THE FILTER BED FOR MORE THAN 48 HOURS, THE TOP FEW INCHES OF DISCOLORED MATERIAL SHALL BE REMOVED, DISPOSED OF PROPERLY AND THEN REPLACED WITH FRESH MATERIAL.

2. MULCH SHALL BE REMOVED AND REPLACED ON AN ANNUAL BASIS.

3. SILT/SEDIMENT REMOVAL SHALL BE PERFORMED WHEN SEDIMENT ACCUMULATES A DEPTH THAT EXCEEDS ONE INCH.

4. DEAD OR DISEASED PLANT MATERIAL SHALL BE REPLACED.

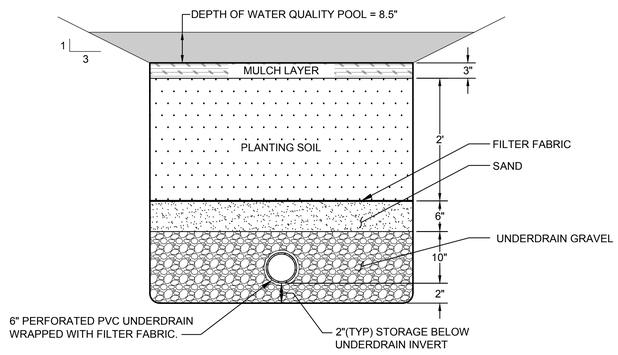
5. AREAS DEVOID OF MULCH SHOULD BE RE-MULCHED IMMEDIATELY .

6. DIRECT MAINTENANCE ACCESS TO THE FACILITY SHALL BE MAINTAINED.

7. VIGOROUS AND DENSE GROWTH SHOULD BE MAINTAINED. ANY BARE SPOTS, BURNED OUT AREAS, OR ERODED AREAS MUST BE REPLANTED IMMEDIATELY. WATERING AND/OR FERTILIZATION SHOULD BE PROVIDED DURING THE FIRST FEW MONTHS AFTER GROWTH IS ESTABLISHED AND MAY PERIODICALLY BE NEEDED DURING PERIODS OF DROUGHT.

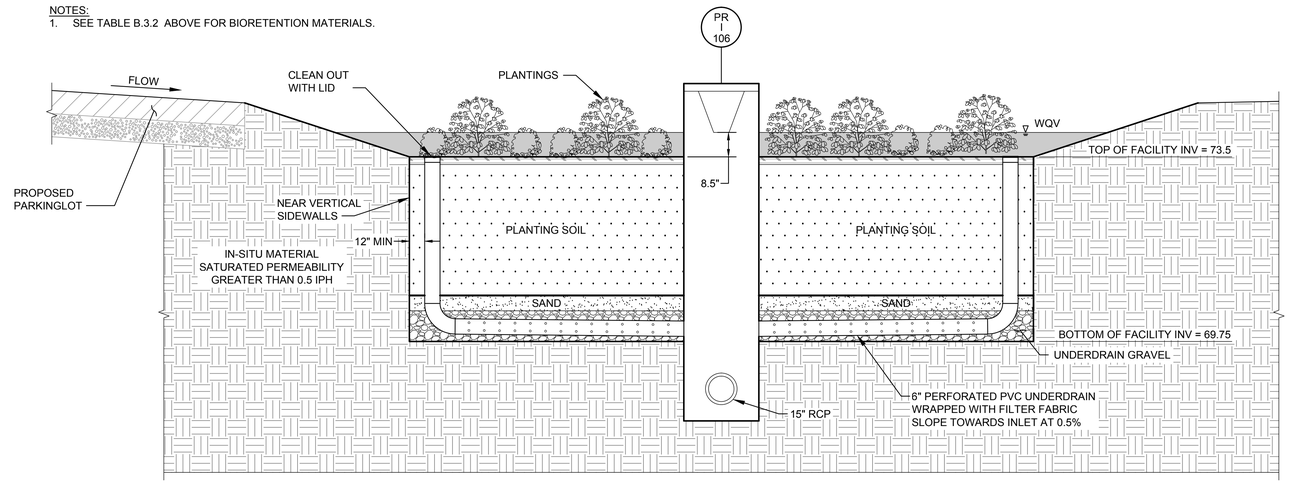
TABLE B.3.2 MATERIAL SPECIFICATIONS FOR BIORETENTION

MATERIAL	SPECIFICATION	SIZE	NOTES
PLANTINGS	SEE LANDSCAPE PLANS	N/A	PLANTINGS ARE SITE-SPECIFIC
PLANTING SOIL (2.5' TO 4' DEEP)	SAND 35-60% SILT 30-55% CLAY 10-25%	N/A	USDA SOIL TYPES LOAMY SAND, SANDY LOAM OR LOAM
MULCH	SHREDDED HARDWOOD	2" TO 3" THICK	AGED 6 MONTHS, MINIMUM
PEA GRAVEL DIAPHRAGM AND CURTAIN DRAIN (IF REQUIRED)	PEA GRAVEL: ASTM-D-448 ORNAMENTAL STONE WASHED COBBLES	PEA GRAVEL NO. 6, STONE 2" TO 5"	
GEOTEXTILE	CLASS C - APPARENT OPENING SIZE (ASTM-D-4751), GRAB TENSILE STRENGTH (ASTM-D-4632), PUNCTURE RESISTANCE (ASTM-D-4833)	N/A	FOR USE AS NECESSARY BENEATH UNDERDRAINS ONLY
UNDERDRAIN GRAVEL	#57 STONE, AASHTO M-43	0.375" TO 0.75"	
UNDERDRAIN PIPING	F 758, TYPE PS 28 OR AASHTO-M-278	RIGID SCHEDULE 40 PVC OR SDR35	3/8: PERF. @ 6" ON CENTER, 4 HOLES PER ROW, MINIMUM COVER OF 3" OF GRAVEL OVER PIPES ONLY, SEE DETAILS AND PLAN.
POURED IN PLACE CONCRETE (IF REQUIRED)	MSHA MIX NO. 6; FC=4,500 PSI @ 28 DAYS; NORMAL WEIGHT AIR-ENTRAINED, RE-INFORCING TO MEET ASTM-615-60	N/A	(ON-SITE TESTING OF POURED-IN-PLACE CONCRETE REQUIRED: 28 DAY STRENGTH AND SLUMP TEST: ALL CONCRETE DESIGN (CAST-IN-PLACE OR PRE-CAST) NOT USING PREVIOUSLY APPROVED STATE OR LOCAL STANDARDS REQUIRES DESIGN DRAWINGS SEALED AND APPROVED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF MARYLAND. DESIGN TO INCLUDE MEETING ACI CODE 350 R/89, VERTICAL LOADING (BASED ON SOIL PRESSURE) AND ANALYSIS OF POTENTIAL CRACKING
SAND (IF REQUIRED)	AASHTO-M-6 or ASTM-C-33	0.02" to 0.04"	SAND SUBSTITUTIONS SUCH AS DIABASE AND GRAYSTONE #10 ARE NOT ACCEPTABLE. NO CALCIUM CARBONATED OR DOLOMITIC SAND SUBSTITUTIONS ARE ACCEPTABLE. NO "ROCK DUST" CAN BE USED FOR SAND.



2 C602 SECTION - TYPICAL BIORETENTION FACILITY
NOT TO SCALE

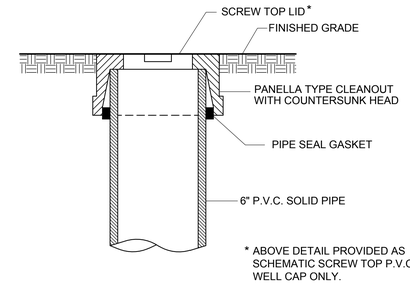
NOTES:
1. SEE TABLE B.3.2 ABOVE FOR BIORETENTION MATERIALS.



3 C602 DETAIL - TYPICAL BIORETENTION FACILITY
NOT TO SCALE

NOTES:
1. SEE TABLE B.3.2 AND SECTION 2 ABOVE FOR MORE DETAIL ON BIORETENTION MATERIALS.
2. SEE STORM DRAIN PLANS FOR MORE DETAIL ON 15" RCP.
3. SEE LANDSCAPE PLANS FOR PLANTING DETAILS.

APPENDIX D.8. MISCELLANEOUS DETAILS FOR COMPLIANCE WITH PERFORMANCE CRITERIA
DETAIL 4 OBSERVATION WELL FOR INFILTRATION PRACTICES



EACH OBSERVATION WELL/CLEANOUT SHALL INCLUDE THE FOLLOWING:

1. FOR AN UNDERGROUND FLUSH MOUNTED OBSERVATION WELL/CLEANOUT, PROVIDE A TUBE MADE OF NON-CORROSIVE MATERIAL, SCHEDULE 40 OR EQUAL, AT LEAST THREE FEET LONG WITH AN INSIDE DIAMETER OF AT LEAST 6 INCHES.

2. THE TUBE SHALL HAVE A FACTORY ATTACHED CAST IRON OR HIGH IMPACT PLASTIC COLLAR WITH RIBS TO PREVENT ROTATION WHEN REMOVING SCREW TOP LID. THE SCREW TOP LID SHALL BE CAST IRON OR HIGH IMPACT PLASTIC THAT WILL WITHSTAND ULTRA-VIOLET RAYS.

1 C602 DETAIL - TYPICAL OBSERVATION WELL/CLEANOUT
NOT TO SCALE

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11350 McCORMICK ROAD
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R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND
DESIGN DEVELOPMENT

PROFESSIONAL CERTIFICATION

I, JOHN E. WALKER,
HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NUMBER: 200931
EXPIRATION DATE: JULY 9, 2015

STATE OF MARYLAND JOHN EDWARD WALKER JR. No. 200931 PROFESSIONAL ENGINEER

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	J. WALKER
APPROVED BY	J. WALKER
CHECKED BY	H. PATEL
DATE	2-5-15

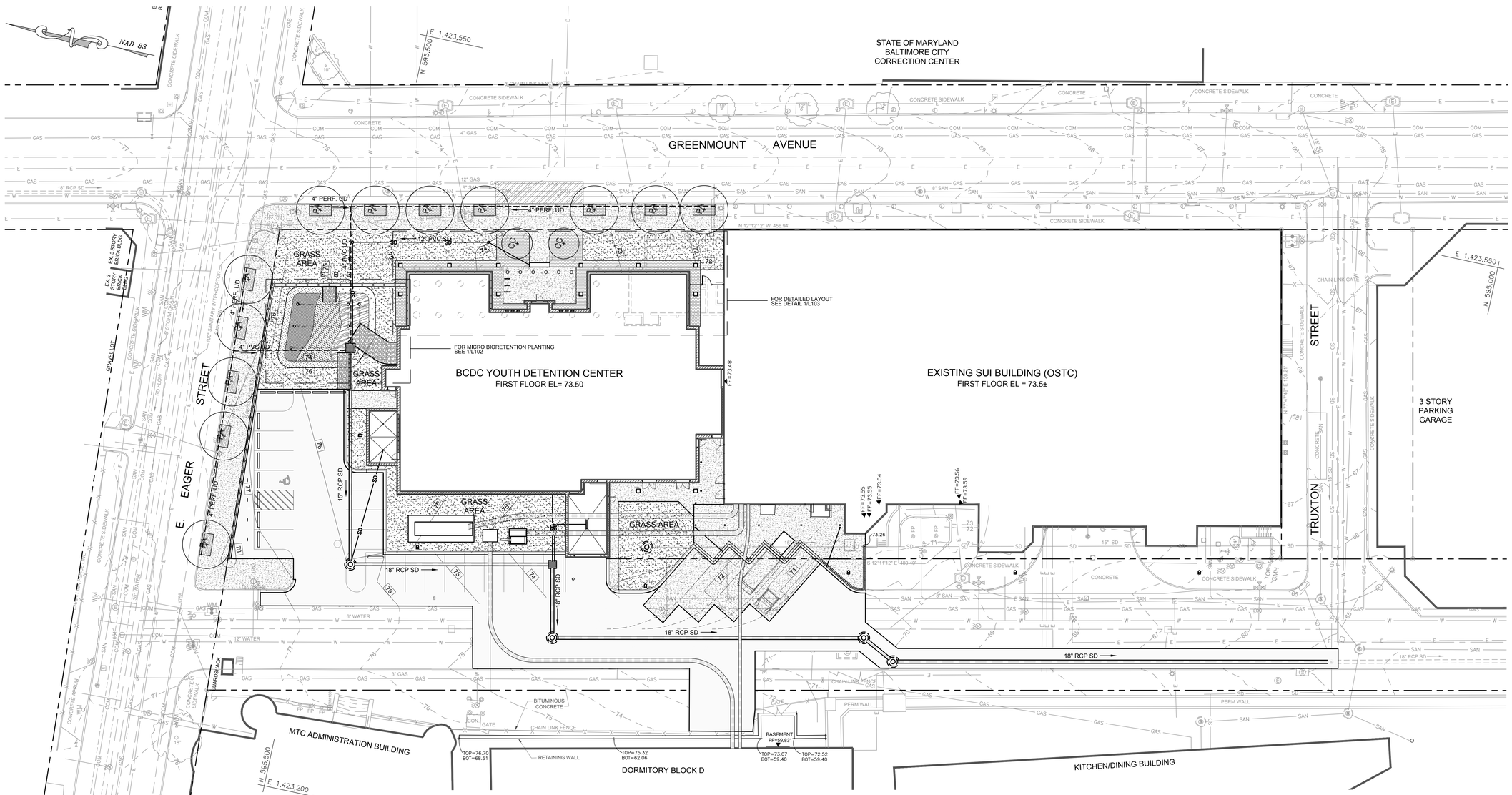
TITLE

BIORETENTION NOTES, SPECIFICATIONS, AND DETAILS

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

C602

SHEET NO.



1 L101 LANDSCAPE PLAN
SCALE: 1" = 20'

E. EAGER ST. TREE LOCATIONS

NORTHING	EASTING
595548.95	1423302.10
595551.69	1423352.02
595553.25	1423376.97
595554.53	1423401.94
595555.73	1423424.33

NOTE: LOCATION GIVEN TO CENTER OF TREE PITS

GREENMOUNT AVE. TREE LOCATIONS

NORTHING	EASTING
595530.44	1423461.98
595506.01	1423467.29
595481.58	1423472.59
595457.14	1423477.89
595408.29	1423488.54
595380.93	1423494.50
595359.44	1423499.19

NOTE: LOCATION GIVEN TO CENTER OF TREE PITS

PLANT SCHEDULE

SYMBOL	KEY	BOTANICAL/COMMON NAME	SPACING	SIZE	ROOT	QUANTITY	REMARK
+	PA	PLATINUS x ACERFOLIA 'BLOODGOOD'/ BLOODGOOD LONDON PLANE TREE	SEE PLAN	3" CAL	B&B	12	DET 1/L103
+	CC	CERCIS CANDENSIS / EASTERN REDBUD	SEE PLAN	10' HT	B&B	2	SINGLE TRUNK DET 1/L103
		TURF GRASS SODDING				763 SY	
		4" TOP SOIL				85 CY	

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

100% SCHEMATIC DESIGN SUBMISSION

SEAL

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY	N/A
APPROVED BY	L. TIEN
CHECKED BY	L. TIEN
DATE	02-05-2015

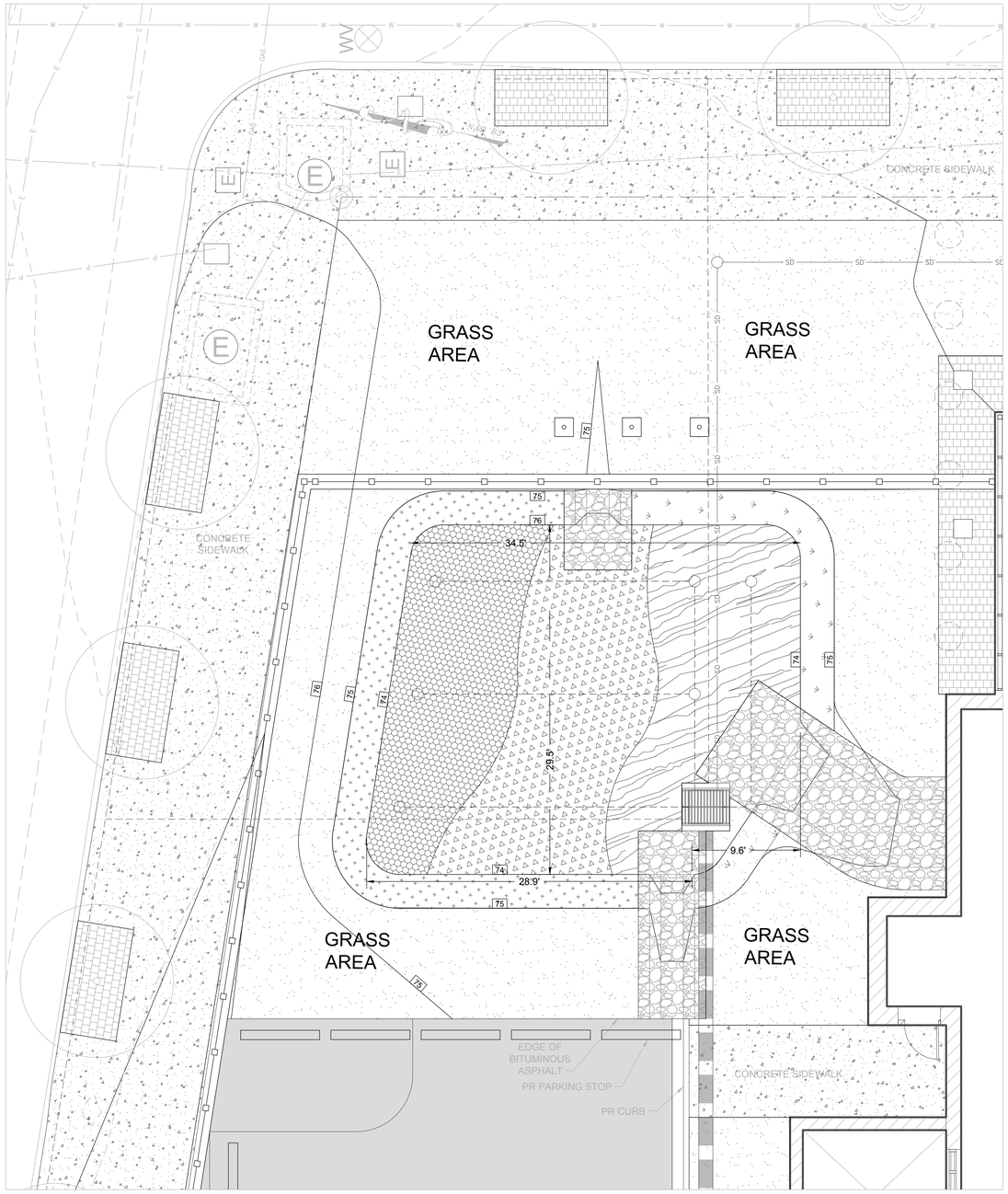
TITLE

SITE LANDSCAPE PLAN

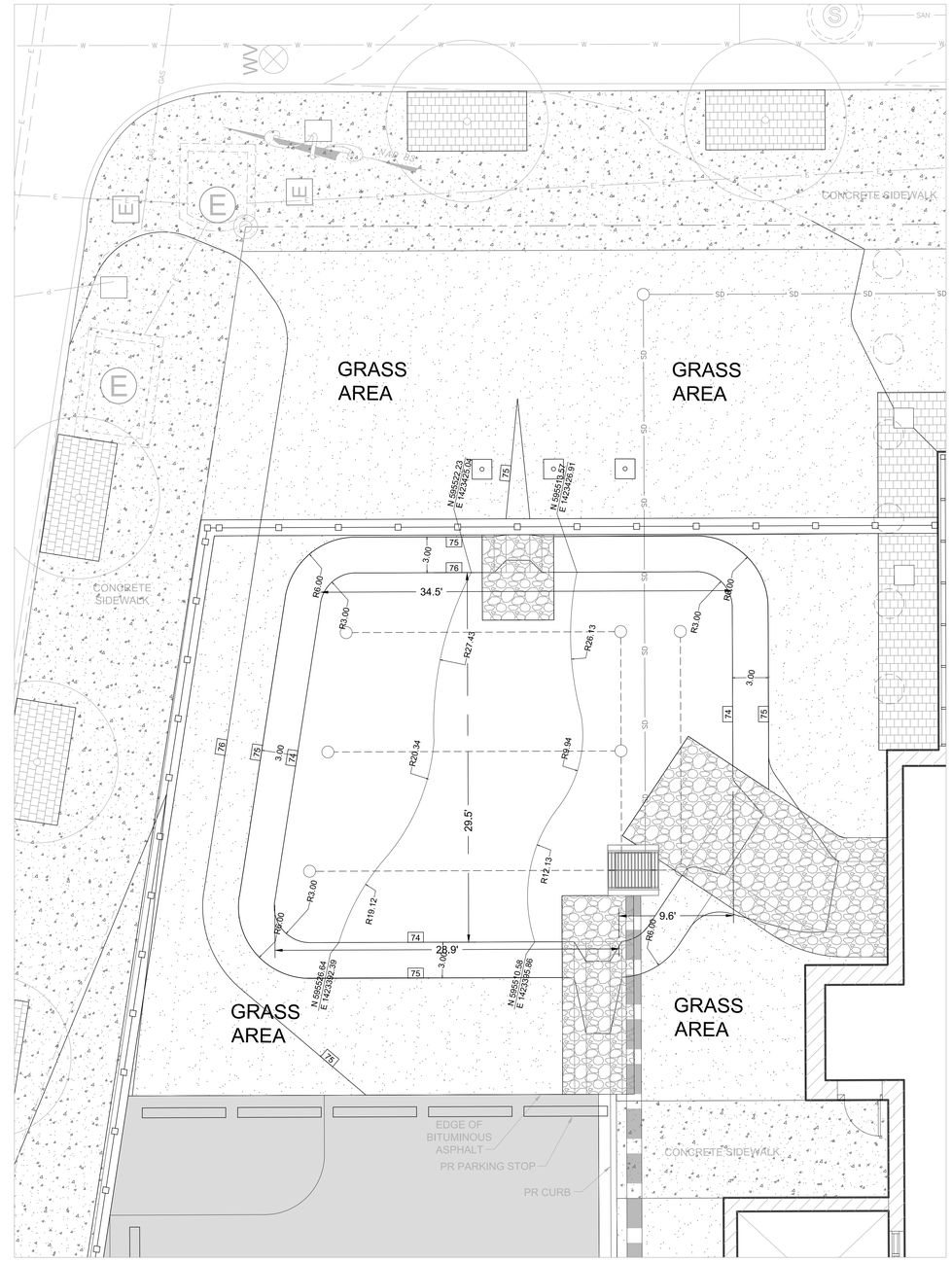
PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

L101

SHEET NO.



1 L102 MICRO BIORETENTION AREA LANDSCAPE PLAN
SCALE: 1" = 5'



2 L102 MICRO BIORETENTION AREA PLANTING BED LAYOUT PLAN
SCALE: 1" = 5'

PLANT SCHEDULE

SYMBOL	BOTANICAL/COMMON NAME	SPACING	SIZE	ROOT	QUANTITY	REMARK
	GERANIUM MACULATUM/WILD GERARIUM	12" O.C.	1 GAL.	CONT.	50	
	MERTENSIA VIRGINICA//VIRGINIA BLUE BELLS	12" O.C.	1 GAL.	CONT.	51	
	COREOPSIS LANCEOLATA 'WALTER'/LANCE-LEAVED COREOPSIS	12" O.C.	1 GAL.	CONT.	100	
	ASCLEPIAS TUBUOSA/BUTTERFLY MILKWEED	12" O.C.	1 GAL.	CONT.	84	
	ELYMUS VIRGINICUS/VIRGINIA WILD RYE	12" O.C.	1 GAL.	CONT.	162	
	LOBELIA SIPHILITICA/GREAT BLUE LOBELIA	12" O.C.	1 GAL.	CONT.	78	
	AQUILEGIA CANADENSIS/WILD COLUMBINE	12" O.C.	1 GAL.	CONT.	115	
	IRIS VERSICOLOR/WILD IRIS	24" O.C.	1 GAL.	CONT.	36	
	RUDBECKIA FULGIDA VAR. FULGIDA/ORANGE CONEFLOWER	24" O.C.	1 GAL.	CONT.	34	
	PENSTEMON DIGITALIS 'HUSKER RED'/WHITE BEARD TONGUE	12" O.C.	1 GAL.	CONT.	91	

NOTE: FOR EACH PATTERNED AREA, TWO SPECIES SHALL BE INTER-PLANTED AT SPECIFIED SPACING.

GRAPHIC SCALE
5 0 2.5 5 10 20
(IN FEET)
1 inch = 5 ft.

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BALTIMORE MARYLAND

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SEAL

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY	NIA
APPROVED BY	L. TIEN
CHECKED BY	L. TIEN
DATE	02-05-2015

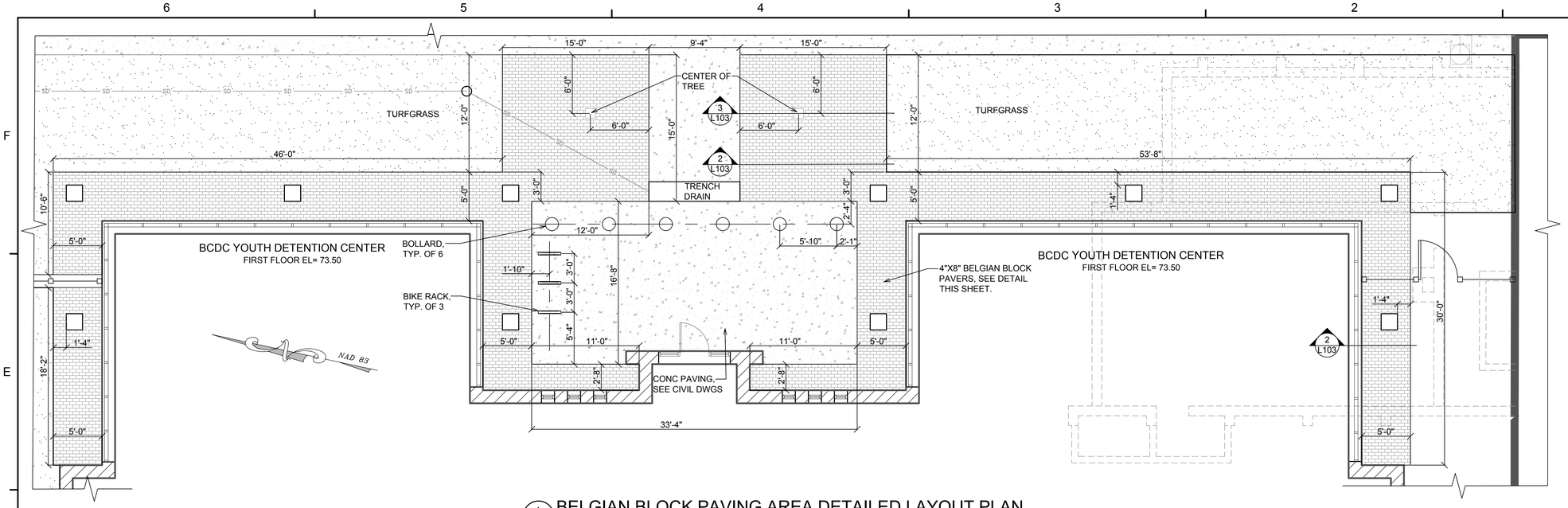
TITLE

MICRO BIORETENTION AREA LANDSCAPE PLAN

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

L102

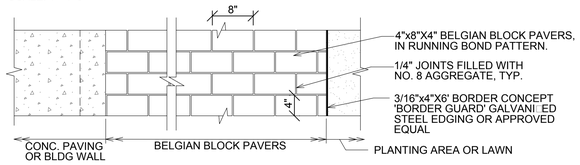
SHEET NO.



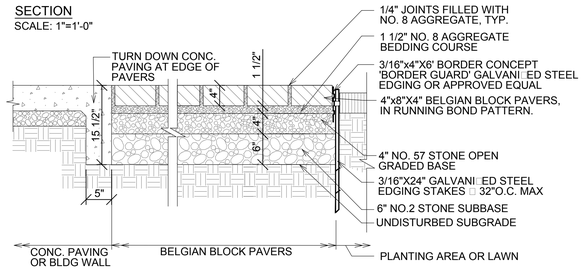
1 / L103 BELGIAN BLOCK PAVING AREA DETAILED LAYOUT PLAN

SCALE: 1" = 5'

PLAN
SCALE: 1"=1'-0"

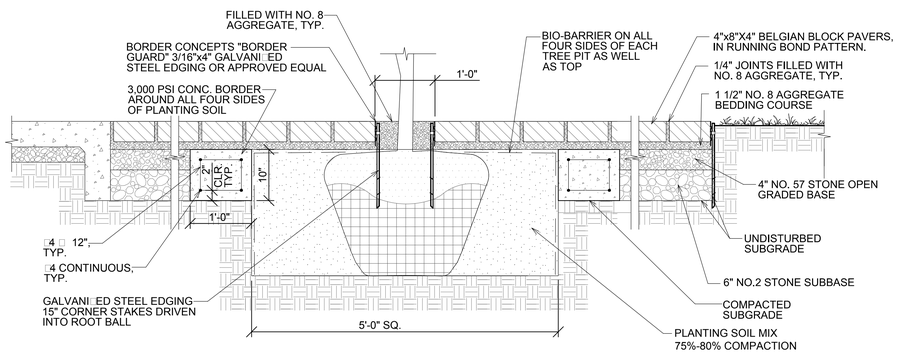


SECTION
SCALE: 1"=1'-0"



2 / L103 BELGIAN BLOCK PAVING DETAIL

NOT TO SCALE

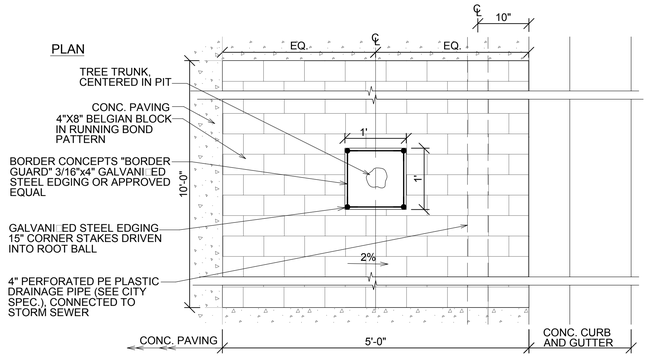


3 / L103 BELGIAN BLOCK PAVING AT TREE LOCATION DETAIL (1)

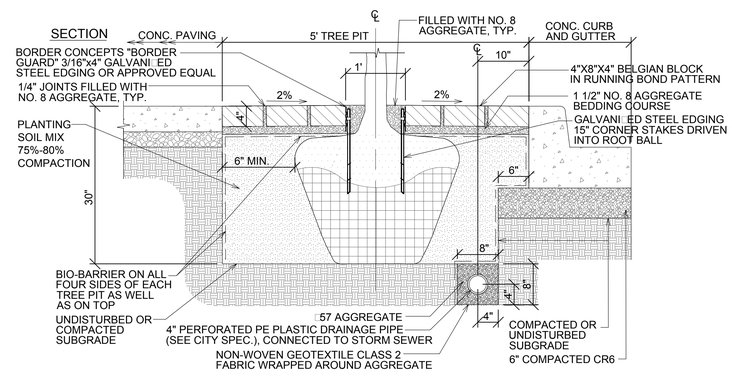
SCALE: 1" = 1'-0"

FOR TREE LOCATION AT BLDG FRONT ENTRANCE

PLAN



SECTION



4 / L103 BELGIAN BLOCK TREE PIT DETAIL (2)

SCALE: 1" = 1'-0"

FOR STREET TREES

NOTE:
BELGIAN BLOCK PAVERS IN TREE PITS ALONG THE STREET, AND AT BUILDING ENTRANCE SHALL BE INSTALLED AFTER TREE PLANTING AND PLANTING SOIL BACKFILL AND COMPACTION ARE COMPLETED.

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BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

PROFESSIONAL CERTIFICATION

I, HARISH J. PATEL, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NUMBER: 19533
EXPIRATION DATE: FEB. 05, 2016

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	S. COSTELLO
APPROVED BY	L. TIEN
CHECKED BY	L. TIEN
DATE	02-05-15

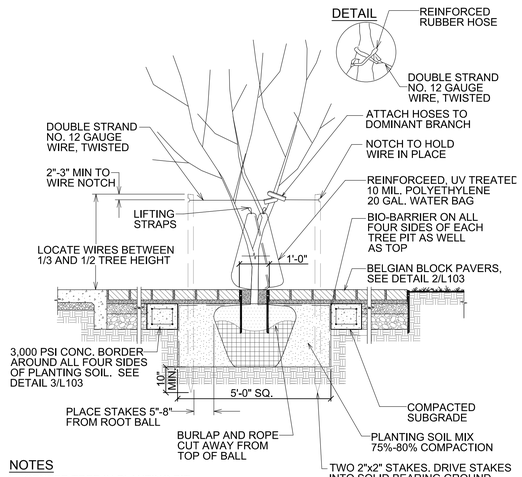
TITLE

LANDSCAPE DETAILS (1)

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

L103

SHEET NO.



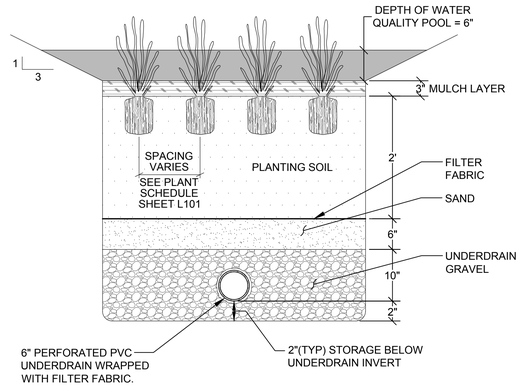
NOTES

1. CENTER TREE IN PLANTING PIT.
2. INSTALL TREE SUPPORT IMMEDIATELY AFTER THE TREE INSTALLATION. REMOVE TREE SUPPORT BEFORE THE CONSTRUCTION OF THE BELGIAN BLOCKS.
3. LOCATE STAKES PARALLEL TO NEAREST ROADWAY OR PAVEMENT AREA FOR UNIFORM APPEARANCE.

1/L104 FLOWERING TREE PLANTING DETAIL

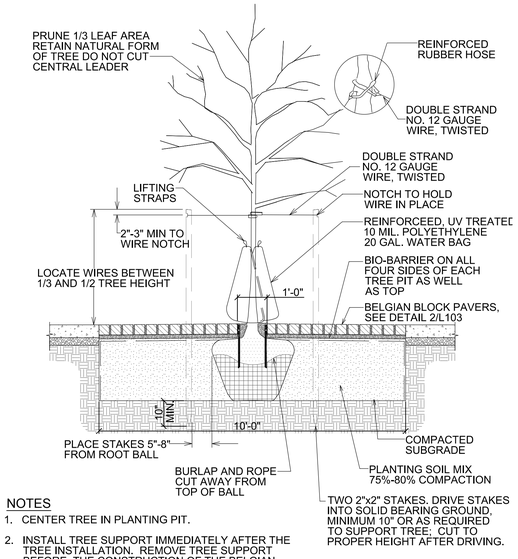
NOT TO SCALE — AT BLDG FRONT ENTRANCE

TYPICAL SPACING PLAN



2/L104 GROUNDCOVER PLANTING DETAIL

NOT TO SCALE — FOR MICRO BIO-RETENTION AREA



NOTES

1. CENTER TREE IN PLANTING PIT.
2. INSTALL TREE SUPPORT IMMEDIATELY AFTER THE TREE INSTALLATION. REMOVE TREE SUPPORT BEFORE THE CONSTRUCTION OF THE BELGIAN BLOCKS.
3. LOCATE STAKES PARALLEL TO NEAREST ROADWAY OR PAVEMENT AREA FOR UNIFORM APPEARANCE.

3/L104 STREET TREE PLANTING DETAIL

NOT TO SCALE

GENERAL TREE PLANTING NOTES

1. PLACE STAKES 120 DEGREES APART WHERE STAKES ARE REQUIRED.

2. AT BELGIAN BLOCK PAVING AREA, LOCATE TWO STAKES PARALLEL TO ROADWAY FOR UNIFORM APPEARANCE

3. CENTER TREE IN PLANTING PIT.

4. PRUNE TO REMOVE BROKEN, DEAD, AND DAMAGED BRANCHES; REMOVE BRANCHES BELOW 6'; DO NOT PRUNE CENTRAL LEADER.

5. ALL PRUNING SHALL BE AS APPROVED BY THE LANDSCAPE ARCHITECT.

6. PRUNING SHALL CONFORM WITH THE CURRENT EDITION OF THE NATIONAL ARBORIST ASSOCIATION STANDARDS.

7. THE WATERING OF TREES SHALL BEGIN IMMEDIATELY AFTER PLANTING AND CONTINUE THEREAFTER TO ENSURE SURVIVAL.

8. TREE CALIPER IS TYPICALLY MEASURED 6" ABOVE THE TREE BALL.

9. ALL PLASTIC TIES, LABELS, ETC., ARE TO BE REMOVED FROM THE BRANCHES OR TRUNK TO PREVENT GIRDLING.

10. CALL "MISS UTILITY" AT 1-800-257-7777 FOR UTILITY LOCATION 48 HOURS PRIOR TO THE PLANTING.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

P.E.L.A. DESIGN, INC.
LANDSCAPE ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

PROFESSIONAL CERTIFICATION

I, HARISH J. PATEL,
HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NUMBER: 19533
EXPIRATION DATE: FEB. 05, 2016

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

SEAL

No.	Description	Date

REVISIONS

DRAWN BY	S. COSTELLO
APPROVED BY	L. TIEN
CHECKED BY	L. TIEN
DATE	02-05-15

TITLE

LANDSCAPE DETAILS (2)

PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

L104

SHEET NO.

GENERAL
1. Dimensions and elevations shown on the structural drawings are obtained from the architectural drawings available prior to release of Contract Documents. Layout of building foundations or other items shall be based on the Architectural, Civil and Structural drawings. Any errors, inconsistencies or omissions in dimensions shall be forwarded to the Architect in writing for resolution.
2. The structural design is based only on the structure in its completed state. The Contractor and his subs shall take whatever precautions are necessary in their opinions, including but not limited to temporary bracing, shoring and needling, to withstand all horizontal and vertical loadings that may be encountered during the construction and prior to completion.
3. All written dimensions shall take precedence over the scale shown on plans, sections, and details. Do not scale the drawings.
4. Typical details and notes on these sheets shall apply unless specifically shown or noted otherwise. Construction details not fully shown or noted shall be similar to details shown for similar conditions. Typical details are not cut on drawing plan sheets, but shall apply at all applicable locations. Typical details also apply to items not shown on the structural drawings, which include but are not limited to mechanical openings for which structural typical detail framing applies and top of CMU wall bracing for CMU walls shown on the architectural drawings. Contractor shall coordinate between trades and make provision to obtain and install structural features per the typical details as required by other trades.
5. All work or construction shall comply with all applicable building codes, regulation and safety requirements.
6. Principle curbs, slabs, and openings are shown on the structural drawings. See architectural, mechanical, plumbing, and electrical drawings for sleeves, curbs, inserts, other openings, and slab depressions not shown. The contractor shall provide for all openings, curbs, and slab depressions, whether shown on the structural drawings or not. Size and location of openings shall be verified by the mechanical contractor. Any deviation from openings shown on the structural drawings shall be brought to the Engineer's attention for approval prior to fabrication or installation of structural members.
7. Where specifications and drawings contradict, the more stringent shall govern.
8. It shall be the Contractor's sole responsibility to design and provide adequate shoring, bracing, and framework, as required for the protection of life and property during the construction of this building. Excess load capacity of slab shall not exceed loads equivalent to the design superimposed loads less construction dead and live load, partition load, and any other load not in place at the time of shoring.
9. The Contractor shall be solely responsible for all excavation procedure including lagging, shoring, and protection of adjacent property, structures, streets and utilities in accordance with all local, state and federal safety regulations and practices.
10. Cantilever and basement retaining walls(s) have not been designed for surcharge loading associated with construction traffic behind the wall. The Contractor and his subs shall provide adequate temporary bracing to resist increased lateral loads on the wall(s) associated with their means and methods of construction.
11. Construction loads shall not exceed the design superimposed live load capacity of structural elements.
12. Design of crane foundations and crane openings in the structure are the responsibility of the Contractor. The design documents must bear the seal of a registered professional engineer in the state of the project and all necessary calculations shall be submitted to the Architect and Engineer for review prior to fabrication. The Architect's review is not to imply acceptance of responsibility for design adequacy. This is the Contractor's responsibility.
13. Information shown in the structural drawings that is not specifically designed by the structural engineer is shown schematically for information purposes only. The Contractor shall coordinate with the appropriate drawings for the full intent of the information referenced.

EXISTING CONDITIONS
1. All dimensions and elevations of existing structures shown on the drawings are obtained from available sources, and are not guaranteed to be true and exact. The General Contractor shall verify these dimensions and elevations by actual field measurements prior to fabrication of any materials and start of Work, and report any discrepancies to the Architect/Engineer.
2. Field verification measurements shall be completed sufficiently in advance of the fabrication and erection schedule so as not to impede the progress of Work. All delays or costs caused by improper or late field verification shall be the Contractor's sole responsibility.
3. The Engineer of Record will not review or approve shop drawings prior to the field verification of existing dimensions.
4. The structural design is based only on the structure in its completed state. The Contractor and his subs shall install any new structure in or attached to existing structure using whatever means and methods are necessary in his opinion. Because the documents show the structure in its completed state, means and methods of installation is the Contractor's sole responsibility. If the chosen installation methods require additional work not shown on the construction documents, it is the Contractor's responsibility to include it in his scope of work and/or bring it to the attention of the Architect/Engineer for review at the time of pricing the work. This includes but is not limited to additional demolition and rebuilding required in order to place new structure.
5. Existing structural framing and foundations shall not be disturbed unless specifically noted otherwise on the drawings.
6. If field conditions differ from those shown on drawings, contractor shall notify architect/engineer in writing before proceeding with installation/erection. Notification shall occur sufficiently in advance of the work to allow Engineer to review.
7. Shoring required for demolition of existing structures or installation of new structures shall be the Contractor's responsibility. Shoring calculations and drawings shall be signed and sealed by the Contractor's engineer in the state of the project and shall be submitted to the Engineer of Record for review.

DEMOLITION
1. Remove existing construction, as shown on plans, or as required to install new construction. See sections and details for extent of structure to be removed. Rebuild beam bearing, jambs, etc. to match existing, and in accordance with architect's approval.
2. Existing structural framing shall remain unless specifically noted on plan to be removed.
3. All shoring, needling, underpinning, etc. shall be as required to support the existing structure. The Contractor shall examine the existing structure to determine the extent of necessary shoring, needling, and underpinning. The shoring and method used for shoring, needling and underpinning shall be the responsibility of the contractor.
4. If field conditions differ from those shown on drawings, notify architect/engineer before proceeding with demolition. Notification shall occur sufficiently in advance of the work to allow Engineer to review.
5. Shoring required for demolition of existing structures or installation of new structures shall be the Contractor's responsibility. Shoring calculations and drawings shall be signed and sealed by the Contractor's engineer and shall be submitted to the Engineer of Record for review.

FOUNDATIONS - SPREAD FOOTINGS
1. Foundation design and bearing pressure information is based on the geotechnical report recommendations prepared by EBA Engineering, Inc. dated August,2014. Contractor shall review and comply with the recommendations in the geotechnical report, regardless of if such recommendations are explicitly stated within the documents.
2. All surface fill materials, consisting of gravel, brick fragments, concrete chips and wood chips shall be removed in the regions of all foundations in accordance with the geotechnical recommendations.
3. Slabs-on-grade shall rest on a minimum of 4" of porous fill of ASTM C33, Size No. 57 stone. Fill under the slabs-on-grade should be placed only after all unsuitable existing fill has been removed and the subgrade proof rolled under the direct supervision of the inspection agency.
4. The Contractor shall prepare the subgrade in accordance with the Geotechnical Recommendations. The Existing Fill is not suitable for support of the footings due to its variable consistency and potential for excessive settlement. Therefore, it is recommended that the Existing Fill below the proposed footings be removed and replaced with compacted aggregate fill. The Footing Subgrade Modification Detail attached depicts the soil improvement technique. As indicated in the detail, the removal of the Existing Fill should extend on a downward projection of 1H to 2V to the natural sand and clay of the Arundel Formation or a maximum depth equal to two times the least footing width. The bottom of the Existing Fill encountered in the borings ranged from elevation 65 to 70 (Feet).
5. All footings have been designed as spread footings to bear on controlled structural fill as noted above based on minimum net allowable bearing capacity of 4000 PSF. The Testing and Inspection Agency shall verify soil bearing capacity at each footing prior to installation of footing. Notify Engineer of any variation from anticipated bearing capacity for appropriate redesign or lowering of footing. The
6. The bottoms of all exterior footings shall be 2'-6" minimum below finished grade. The top of all interior footings shall 0'-8" minimum below finished floor elevation, unless noted otherwise on the drawings.
7. Edges of footings shall not be placed at a greater than 1 (vertical) to 2 (horizontal) slope with respect to any adjacent footing or excavation.
8. All adjacent column footings that abut shall be separated by a paper joint.
9. Backfilling against walls shall not be done until concrete and/or masonry has been cured to attain sufficient strength (7 days minimum) and walls are properly shored and/or braced. Backfilling against basement walls shall not be done until the floor slabs at top and bottom of walls have been placed and have cured. Backfill foundation walls with earth on both sides of the wall by alternately placing backfill on each side so that height of backfill does not differ by more than 1'-6" from other side.
10. The contractor shall safeguard and protect all excavations, and all excavations shall be kept free of accumulated water.
11. Maximum length of foundation wall placed in one operation shall not exceed 60 feet.
12. No horizontal joints shall be placed in walls except as shown on the drawings without approval of the Engineer
13. The contractor shall refer to the Architectural, Plumbing, Mechanical and Electrical Drawings for all locations of trenches, pits, conduits, etc. not shown on the Structural Drawings.

RETAINING WALLS
1. Retaining walls shall be either "Braced" or "Cantilevered" retaining walls.
2. "Braced" retaining walls are designed with lateral supports at the bottom and top of the wall. The Contractor shall provide temporary bracing as required during construction to support the wall until the final braced condition is met. The Contractor shall assume all walls are designed as "Braced" walls unless specifically noted otherwise on the Contract Documents. Backfilling against "Braced" walls shall not be done until concrete and/or masonry has been cured to attain sufficient strength (7 days minimum) and walls are properly shored and/or braced. "Braced" retaining walls have not been designed for surcharge loading associated with construction traffic behind the wall. The Contractor and his subs shall provide adequate temporary bracing to resist increased lateral loads on the walls associated with their means and methods of construction.
3. "Cantilevered" retaining walls are designed without lateral supports at the bottom or top of the wall. The Contractor is not required to provide temporary support of these walls during construction. Backfilling against "Cantilevered" walls shall not be done until concrete and/or masonry has been cured to attain sufficient strength (7 days minimum). "Cantilevered" retaining walls have not been designed for surcharge loading associated with construction traffic behind the wall. The Contractor and his subs shall provide adequate temporary bracing to resist increased lateral loads on the walls associated with their means and methods of construction.

CONCRETE MATERIALS AND PROPORTIONING
1. All concrete work shall comply with ACI 301, ACI 318, and ACI 315.
2. Cement shall comply with ASTM C 150, Type I or II.
3. Aggregates shall comply with ASTM C 33, ACI 304, and ACI 211.1.
4. Coarse Aggregates - See Specifications.
5. The water/cement ratio shall be as indicated in the Specifications.
6. All concrete shall have slumps in accordance with ACI 211.1 and the Specifications, except slabs on earth shall have a 3 1/2" maximum slump.
7. All exterior concrete shall be air entrained 4% - 6% per the Specifications. Limit entrapped air in concrete to receive hard steel trowel finish to 3% maximum for slabs on grade, superstructure concrete, and concrete on metal deck.
8. All concrete, except footings, shall contain water reducer per manufacturer's recommendations.
9. No concrete shall be placed until concrete design mixes have been submitted for each class of concrete and have been approved by the engineer. Mix designs shall indicate where each is to be used in the work.
10. Welded wire reinforcement shall conform to ASTM A185. All welded wire reinforcement shall be spliced so that the overlap between outermost cross wires of each sheet is not less than the spacing of the cross wires plus 2 inches, unless otherwise shown on drawings.
11. Reinforcing steel shall be deformed bars of intermediate grade new billet steel conforming to current requirements of ASTM A 615, Grade 60, unless noted otherwise.
12. Reinforcing steel to be welded shall conform to the current requirements of ASTM A706.
13. Splice laps for all reinforcing shall be class 'B', unless otherwise noted. Lap splices of continuous reinforcing shall be made over supports for bottom bars and at midspan for top bars, unless noted otherwise. All hooks shall be standard hooks, unless otherwise noted.
14. Refer to Architectural Drawings and/or Specifications for concrete finishes.
15. Structural normal weight concrete shall have a maximum dry unit weight of 150 PCF. Structural lightweight concrete shall have a maximum dry unit weight of 110 PCF.
16. All permanently exposed concrete shall contain DCI or DCI-S corrosion inhibitor as manufactured by W.R. Grace or approved equal.

FOUNDATION CONCRETE
1. All concrete shall be normal weight concrete having a minimum design compressive strength at 28 days as follows:
   a. Footings 4000 PSI
   b. Walls & Piers 4000 PSI
   c. Slab-on-grade 3500 PSI
2. The following welded wire reinforcement shall be used for areas specified below, unless noted otherwise on the drawings:
   4 inch slab-on-gradeXXb - W1.4XW1.4
   5 inch slab-on-gradeXXb - W2.1XW2.1
   8 inch slab-on-gradeXXb - W2.9XW2.9
3. Minimum steel protection, unless otherwise shown, shall be 1" for interior face of walls, 2" for exterior face of walls, 3" for footings and other structural concrete deposited against ground, 2" for concrete permanently exposed to earth or weather.
4. All structural members shall be poured to their full depths in one operation. Construction joints, such as daily pour joints, shall be located in the middle third of the span, main reinforcing to run through the joint, key and roughen joints to expose aggregate. Contractor shall submit drawing indicating construction joint locations for approval.
5. Excavations shall be kept free of accumulated water. No concrete shall be placed in water.
6. All slabs-on-grade shall have thickenings, depressions, openings, slopes, etc. as shown or as required by various trades.
7. Provide vertical dovetail inserts 2'-0" o.c. with anchors in all concrete surfaces faced with brick which are 1'-3" or greater in height.
8. For additional concrete work not shown on Structural Drawings, see Architectural Drawings. All concrete within the building footprint shall be reinforced, unless specifically noted otherwise. See typical details for concrete items/reinforcing not shown on structural plans. If no reinforcing detail is shown for an item, contact the Engineer for review prior to work.

SUPERSTRUCTURE CONCRETE
1. All concrete shall be normal weight (unless noted otherwise) concrete having a minimum design strength as follows:
   a. Columns 5000 PSI
   b. Slabs, Beams 5000 PSI
   c. Walls/Exterior Site Concrete 5000 PSI
2. Minimum steel protection, unless otherwise shown, shall be 3/4" for slabs, 1" for interior face of walls, 2" for exterior face of walls, 1-1/2" for beam stirrups and column ties, 2" for vertical column reinforcing.
3. All structural members shall be poured to their full depths in one operation. Construction joints, such as daily pour joints, shall be located in the middle third of the span, main reinforcing to run through the joints, key and roughen joints to expose aggregate. Contractor shall submit drawing indicating construction joint locations for approval.
4. No openings shall be made in any structural member, unless specifically shown on the drawings, without approval from the engineer. No sleeves shall be placed horizontally or vertically in beams or joists, unless specifically shown on the drawings, without approval from the engineer.
5. General contractor shall submit a coordinated drawing showing all sleeves, openings, block outs, etc., as required by all trades, for approval, prior to placing concrete in that area.
6. All slabs shall have thickenings, depressions, openings, slopes, etc. as shown herein or on Architectural, Mechanical, Electrical & Plumbing Drawings.
7. For all superstructure slabs where not otherwise specified use style 6x6-W1.4XW1.4 WWR. This includes non-structural topping slabs.
8. Provide vertical dovetail inserts 2'-0" o.c. in all concrete surfaces faced with brick which are 1'-3" or greater in height.
9. For additional concrete work not shown on Structural Drawings, see Architectural Drawings. All concrete within the building footprint shall be reinforced. See typical details for concrete items/reinf. not shown on structural plans. If no reinforcing detail is shown for an item, contact the Engineer for review prior to work.

SUPERSTRUCTURE CONCRETE
(Supported by precast concrete members)
1. All concrete topping on precast member shall be lightweight structural concrete having a minimum design compressive strength of 3000 PSI at 28 days.
2. Provide 6x6-W1.4XW1.4 welded wire reinforcement in all concrete slabs on precast members unless noted otherwise.
3. Contractor shall calculate and include all additional concrete that may be required due to deflections, camber, and alignment of precast members.
4. Contractor shall place concrete in such a manner as not to overload the precast members.
5. Provide filler strips of foamed polystyrene or other material between adjacent floor members receiving toppings.
6. All slabs shall have thickenings, depressions, openings, slopes, etc. as shown herein or on Architectural, Mechanical, Electrical & Plumbing Drawings.

SUPERSTRUCTURE CONCRETE
(Supported by Metal Deck)

1. All concrete on metal deck shall be normal weight concrete having a minimum design compressive strength of 3000 PSI at 28 days.
2. Provide reinforcing in all concrete slabs on metal deck as indicated on plan.
3. The contractor shall allow for 3/4" additional concrete during placing due to deflection of structure.
4. The contractor shall deposit all concrete, during placing in such a manner as not to overload the metal deck.
5. All slabs shall have thickenings, depressions, openings, slopes, etc. as shown herein or on Architectural, Mechanical, Electrical & Plumbing Drawings.
6. Horizontal unit of placement for concrete on metal deck shall not exceed 90 feet in any direction.

MISCELLANEOUS-CONCRETE
1. Contractor shall verify conditions in the field and immediately notify engineer or architect of any conditions not as assumed. He shall take field measurements as required and be responsible for same.
2. Contractor shall coordinate with all related trades for detailing, fabrication and erection prior to submitting shop drawings for approval.
3. All Structural work shall be coordinated with Architectural, Mechanical, Electrical, Plumbing, etc. requirements.
4. General Contractor to provide appropriate number of copies of coordinated drawings showing all sleeves, conduit boxes, duct openings, etc. as required for all trades for Structural Engineer's approval. This shall be done a minimum of two weeks prior to pouring affected slabs, beams, columns or footings.
5. No openings shall be made in any structural member unless specifically shown on the structural drawings approved by the Structural Engineer.
6. Conduits in concrete slabs must be spaced such that the distance between conduits, centerline to centerline, is a minimum of three times the outside diameter of the largest conduit.
7. No conduit may be placed in the concrete slab which has an outside diameter larger than one-third the total slab thickness.
8. Conduit shall be placed in the middle one-third of the slab thickness.
9. Conduits which cross one another in the concrete slab shall not consume a total space at the point of crossover that is greater than one third the total slab thickness.
10. Conduit embedded in slabs shall not pass thru column cages.
11. No conduits shall be run in the slab unless specifically indicated on the electrical drawings. Conduits that are to be run in the slab must collect only at an electrical panel or similar point. When conduit is to be placed in the slab, the Contractor must advise the Structural Engineer of the number of conduits to be placed and indicate proposed method of installation for the conduits. No conduit shall be placed without the Engineer's approval. Aluminum conduit is not permitted to be embedded in concrete slabs.
12. In no case shall more than two 3/4" diameter conduits or one 1" diameter conduit be run in any column of size 24"x24" or less.
13. Support details for elevator, escalator, architectural, mechanical, electrical and plumbing equipment are based upon manufacturer's information. Contractor shall coordinate requirements of actual equipment supplied with details and shall provide any additional framing.

STRUCTURAL PRECAST CONCRETE
1. The precast concrete shall develop a minimum design compressive strength at 28 days of 5000 PSI, unless higher strength is required by design.
2. All structural precast members, except walls, columns, and stairs shall be prestressed.
3. Use minimum 3,500 PSI concrete strength at release. Use ASTM A-615, Grade 60 reinforcement. Prestressing tendons shall have a minimum tensile strength of 270,000 PSI, and shall conform to ASTM A416.
4. Live load deflection of precast seating units shall be limited to the smaller of L/360 or ½".
5. Vibration criteria shall conform to the recommendations of the Prestressed Concrete Institute (PCI) Design Manual latest edition or other applicable codes.
6. Precast concrete members and their connections shall be designed to resist gravity, earthquake, and wind loads and applicable forces due to volume changes and differential movements in accordance with "PCI Design Handbook-Precast Prestressed Concrete" and local codes.
7. Connections shown are schematic only. Contractor is responsible for design of all connections.
8. Hot dip galvanize all connector assemblies. Clean and coat all field welds with two coats of cold galvanizing compound.
9. Minimum cover for all reinforcement shall be ¾ inches, and shall conform to IBC 2012. Refer to architectural drawings for fire rating of precast, which may necessitate additional concrete cover.
10. Provide 2" clear cover to reinforcing bars or prestressing tendons from the vertical surface of all seating unit risers to prevent interference between expansion bolted seating connections and reinforcing or prestressing steel.
11. Any additional connections and/or framing required for the support of the precast panels, as dictated by contractor's design, shall be designed, fabricated and erected by contractor.
12. For precast reinforcing channels, standard closures, cant strips, sump pans, finish strips, pour stops, and other accessories as shown on drawings and as required.
13. For chamfer, reveal and drip details, joint details and locations, and architectural finish of precast members, see architectural drawings.
14. For door openings, wall openings, floor openings, etc., see architectural, mechanical, plumbing, and electrical drawings.
15. No openings shall be made in structural precast members unless shown on structural drawings or with written approval of precast design engineer.
16. Provide vertical dovetail inserts 2'-0" o.c. in vertical concrete surfaces faced with brick and horizontal dovetail inserts in top of exterior spandrel beams capped with brick.
17. Seismic criteria for peak velocity, related acceleration and peak acceleration shall be used for precast member and connection design shall be in accordance with Design Criteria.
18. Use the structural and the architectural drawings to obtain the necessary information and design requirements for the precast units.
19. Shop drawings, including erection plan(s), details, and design calculations for all structural members and connections, signed and sealed by a registered engineer in the state of the project shall be submitted for review.

ARCHITECTURAL PRECAST CONCRETE
1. All architectural precast members shall develop a minimum design compressive strength of 6000 PSI at 28 days, unless a higher design strength is required by design.
2. Typical connections shown are schematic only. Contractor is responsible for design of all connections.
3. Precast concrete members and their connections shall be designed to resist gravity, earthquake and wind loads and applicable forces due to volume changes and differential movements in accordance with "PCI Manual for Structural Design of Architectural Precast Concrete", and local codes.
4. Any additional connections and/or framing required for support of the precast panels, as dictated by contractor's design, shall be designed, fabricated and erected by Contractor.
5. For chamfer, reveal and drip details, joint details and location, finish of member, and panel dimensions, see Architectural drawings.
6. For openings in precast members, see Architectural, Mechanical, Electrical and Plumbing drawings.
7. Shop drawings, including erection plan(s), details, and design calculations for all structural members and connections, signed and sealed by a registered engineer in the state of the project shall be submitted for review.

MASONRY
1. Masonry work shall comply with ACI 530.1/ASCE 6 "Specifications for Masonry Structures".
2. Hollow concrete masonry units shall be 2-cell block, conforming to ASTM C90, normal weight.
3. Reinforcement in walls shall be continuous and shall be lapped 48 bar diameters.
4. All mortar shall conform to ASTM C270, type S for typical conditions and type M at below grade or in contact with earth.
5. All reinforcing bars shall be deformed bars conforming to ASTM A615, Grade 60, with a yield strength of 60,000 PSI (design stress equal to 24,000 PSI). Provide masonry tension lap splices per ACI-530 and applicable building codes and masonry lap splice lengths in the typical details.
6. Masonry reinforcement cover shall be 2" minimum for bars within walls exposed to earth or weather and 1 ½" minimum for all other bars. Where only 1 bar per cell is specified, center bar in cell unless otherwise noted.
7. All masonry walls shall be continually reinforced with truss type horizontal joint reinforcing with a minimum wire size of 0.148" (9 gauge wire) at 16" on-center vertically (u.n.o. on drawings). Provide additional pieces immediately above and below openings, extending 2'-0" minimum beyond opening. Provide prefabricated 90° and corner pieces at all intersecting walls and corners. Lap joint reinforcing 6" minimum. All 12" CMU back-up to interior veneer, including brick or stone, shall have horizontal joint reinforcing spaced at 8" on-center vertically.
8. All mortar joints, including cross webs, shall be filled 100% solid.
9. Reinforcement grout shall be fine grout conforming to ASTM C476 with a minimum compressive strength of 3000 PSI, when tested in accordance with ASTM C1019.
10. The Contractor shall coordinate all masonry wall reinforcing and grouting with structural reinforcing and grouting requirements per schedule and sections, and with architectural reinforcing and grouting requirements for anchorage, security, etc. Both criteria shall be considered minimum and the more stringent criteria shall control. Submit coordinated shop drawings clearly noting the controlling reinforcing requirements in all CMU walls.
11. Grout walls solid at all changes in bond, unit thickness, below finished grade, at all reinforced cells, and as otherwise noted. Fill cores solid with grout a minimum 24 below bearing plates, beams, lintels, joists and at other locations where post installed anchors are required and shown on drawings. Provide 24" deep at locations where post installed anchors are required but not shown on drawings.
12. Inspection holes shall be located at the bottom inside face of all grout filled block to insure that grout has been placed throughout all masonry voids. Inspection holes shall be 1 1/2" diameter holes located at each grout pour height exceeds 6'-0".
13. Provide control joints in all above-grade exterior masonry walls at 1.5 times the wall height not to exceed 25'-0" on center, unless noted otherwise. Provide control joints in all interior masonry walls at 30'-0" on center, unless noted otherwise. See Architectural drawings for control joint details and locations.
14. All masonry walls shall be braced at the top to the structure per the structural typical details unless specifically noted otherwise. This applies to all masonry walls shown on the architectural and/or structural documents and also walls shown on the architectural but not the structural documents.
15. Where specifically designed and detailed for masonry walls, provide steel bearing plates as required such that the bearing stress does not exceed 0.35 x f'm for ACI 530-
16. All masonry shall be laid in a running bond pattern, unless otherwise noted.
17. For IBC 2012: The minimum Quality Assurance program for masonry shall Meet Level C Quality Assurance per ACI 530.

LINTELS
1. Provide lintels or sleeves at all penetrations in new 4 existing masonry walls at doors, windows, mechanical services, electrical services, equipment, etc. not specifically shown on the drawings, in accordance with the lintel schedule.
2. All lintels shall have 8" minimum bearing each end, unless noted otherwise, and shall be set on a full bed of mortar.
3. Contractor shall shore all lintels as required to prevent rotation during construction.
4. Contractor shall coordinate size and type of lintel with Architectural, Mechanical, Electrical and Plumbing Drawings.
5. All lintels on exterior walls shall be hot-dipped galvanized.
6. Contractor shall provide shoring and/or bracing of existing walls as required to install new lintels. Method of shoring and/or bracing shall be the responsibility of the contractor. See architectural drawings for locations of new openings in existing masonry walls.

LINTEL SCHEDULE

Provide one angle for each 4" of masonry thickness as follows (At Non-Bearing Walls):
Openings 3'-0" to 5'-0": L 4 X 3-1/2 X 5/16 LLV
Openings 5'-1" to 8'-0L 6 X 3-1/2 X 5/16 LLV
Openings 8'-1" to 12'-0": W8x20 with continuous 3/8" bottom plate
Provide 6" minimum bearing each end of lintel.

CMU Bond Beam Lintels (At Bearing Walls):
Openings to 6'-0": 4" Walls - 4" X 8" w/ 1-#4 TB
Openings to 12'-0": 6" Walls - 6" X 8" w/ 2-#5 TB
Openings to 6'-0": 8" Walls - 8" X 8" w/ 2-#5 TB
Provide 8" minimum bearing each end of CMU Bond Beam lintel.

Where required for architectural reasons, or as noted, provide precast concrete lintel for interior walls of same texture as adjacent masonry as follows (At Bearing or Non-Bearing Walls):
Openings to 7'-0": 4" Walls - 4" X 8" w/ 1-#4 TB
Openings to 7'-0": 6" Walls - 6" X 8" w/ 1-#5 TB
Openings to 7'-0": 8" Walls - 8" X 8" w/ 2-#4 TB
Openings to 7'-0": 12" Walls - 12" X 8" w/ 3-#4 TB
Provide 8" minimum bearing each end of precast concrete lintel.

For larger openings, see plan for lintel size. Provide 5/16" suspended plate 4" minimum below bottom flange of beam.

STRUCTURAL STEEL
1. All structural steel work shall conform to AISC specification for structural steel for buildings, and AKS D1.1, latest editions.
2. Structural steel shall conform to the following ASTM designations:
   W shapes, columns ASTM A992 or ASTM 572-50
   S, M, and HP shapes ASTM A36
   Column Base plates, Web Doubler PlateASTM A992 or ASTM 572-50
   Channels, Angles, Bars, and PlatesASTM A36
   HSS rectangular or square section ASTM A500-GR.B (Fy = 46 ksi)
   HSS round ASTM A500-GR.B (Fy = 42 ksi)
   Steel Pipe ASTM A53-GR. B (Fy= 35 ksi)
   Anchor Rods F1554, Gr. 36 typical, Gr. 55 where noted
3. Bolts shall conform to the following ASTM designations:
   High strength bolts A325
   Standard fasteners A307
4. All welding electrodes shall conform to the E-70 series of the specifications for mild steel arc welding electrodes ASTM A233, latest edition.
5. All bolts shall be 3/4" diameter, open holes 13/16" diameter, unless otherwise shown or noted.
6. All shop connections shall be high strength bolted or welded.
7. All field connections shall be high strength bolted except where details indicate welding.
8. All connections of beams to columns, beams carrying columns or struts, and main beams supporting stairs shall be bolted with high strength bolts. High strength bolted connections are to be indicated on erection drawings thus whether shown on design drawings or not.
9. All welding shall be done by licensed welders and shall be inspected by an approved testing agency which shall issue an affidavit that all welding has been inspected and found to be in conformity with details.
10. No penetrations are permitted through structural steel members unless indicated on Structural Drawings or approved by the Engineer.
11. Application of the Engineer shall be mandatory for the use of a cutting torch in the field.
12. During erection, structural steel frame shall be adequately braced in all lines, two ways.
13. Steel connections for beams, vertical trusses, moment frames, custom trusses, and column splices not detailed on the drawings shall be designed by the structural steel fabricator. Beam connections shall develop the unfactored end reactions in kips for each size group provided in the table below, unless otherwise shown thus (VxK) on the drawings. Reactions provided in the table below and on the drawings are not factored. To achieve LRFD factored values, multiply those in table or on drawings by 1.4. Note number of bolts shown are the minimum required, and do not reflect the total bolt number required to achieve the reaction capacity. Connections shall be designed per AISC.

Size Group	Shear Rxn (k)	Min # Bolts	Size Group	Shear Rxn (k)	Min # Bolts	Size Group	Shear Rxn (k)	Min # Bolts
W8,10	8	2	W18	33	3	HSS 14 4 smaller	5	2
W12	14	2	W21	42	4	HSS 16 4 larger	24	3
W14	24	3	W24	50	4			
W16	24	3	W27	60	5			

14. The structural steel fabricator shall provide certification by a professional engineer, registered in the state of the project that the connection design is in accordance with all applicable codes and specifications.
15. All steel work shall have one shop coat of paint except that steel receiving spray-on fireproofing, within 2" of weld, with machined surface, or completely encased in concrete. In these cases steel shall be left unpainted.
16. Milled or butt welded stiffeners shall be provided on girders under all column concentrations and over all columns.
17. Where web of beam cannot pass a column flange, bolts connecting plate to beam shall be designed for shear and moment and connection of plate to column shall be designed for shear only.
18. All connections of beams and girders to tops of columns shall be framed unless they are cantilevers, in which case they shall run over top of column as per typical details.
19. All grout under steel plates shall be non-shrink, "pre-mix" type and shall have minimum compressive strength per the specifications.
20. For all miscellaneous steel construction not shown on Structural Drawings, see Architectural Drawings.
21. Shop drawings shall include erection plans, erection details, fabrication details, member sizes, dimensions, plate sizes, weld symbols, bolt size and type, etc.
22. Where not indicated on plan, connection plans, connection details, and connection sizes shall be the same size as the cantilever backspan.
23. Provide framed openings in composite or roof deck material per the structural typical details where openings are indicated on the structural, architectural, and mechanical drawings.
24. All steel exposed to weather shall be hot dipped galvanized.
25. Structural steel required to frame areas to be coordinated by the Contractor shall not be considered "For Construction" until after all coordination has been completed by the Contractor. Areas that may require Contractor coordination include areas with any items that are to be coordinated or selected by the Contractor, including elevators, mechanical equipment framing, dunnage support, equipment screens, high density filing support, etc. Structural steel materials for these areas shall not be ordered until the coordination has been completed by the Contractor.

STEEL JOISTS
1. All joists shall conform to the latest edition of "Standard Specifications for Open Web Steel Joists and Joist Girders", as prepared by Steel Joist Institute and AISC.
2. The ends of K-series joists shall extend a minimum distance of 2 1/2" over bearing supports and 4" over all other supports. Fasten ends by bolting or welding.
3. All bottom chord extensions (extended bottom chords) shall have maximum l/r=200 unless indicated by P value. In such case, extensions shall have capacity P. Bottom chord extensions shall have positive attachments to support by bolting or by welding.
4. All loads, other than ceiling and light fixtures shall be supported from headers framed between panel points.
5. Provide additional bridging as required for net uplift loads indicated on drawings.
6. Provide and install bridging in accordance with Steel Joist Institute's standards. All ends of bridging lines shall terminate at steel beams and/or masonry walls and/or concrete walls and shall be anchored thereto. Provide a center row of diagonal bolted bridging for all joist spans 40 ft. and greater, bolted in place prior to slackening of hoist lines.
7. No construction loads shall be placed on the joists and/or joist girders before they are permanently fastened to supports and all bridging and anchors are completely installed.

METAL DECKING - COMPOSITE DECK
1. Fabrication and erection of all metal deck shall conform to the latest edition of Steel Deck Institute Specifications.
2. Metal decking shall be made of steel conforming to ASTM A653 SQ Grade 50 with coating designation G60 at floors and G40 at roof for galvanized deck in accordance with ASTM A924 having a minimum yield strength of 33,000 PSI
3. The Contractor shall provide shoring as required, (maximum span unshored of 9'-2') to support all the applicable construction loads.
4. Deck shall be welded to supporting steel at ends of units and at all intermediate supports in accordance with manufacturer's recommendations. Side laps shall be welded or screwed at 3'-0" o.c. maximum for spans over 5'-0".
5. Composite metal deck shall be galvanized. In no case shall unshored metal deck spans exceed the manufacturer's published recommendations or deflection criteria of span divided by 240. Metal deck shall provide the following minimum properties:
   Typical composite deck
   3" — 20 GA.
   Ip =0.153 in4/ft
   Sp = 0.593 in3/ft
   Sn = 0.512 in3/ft
6. Deck units shall be lapped only at supports.
7. Weld deck to supporting members according to manufacturer's recommendations. Deck and welds shall have a minimum design diaphragm strength of 300 plf.
8. Provide reinforcing channels, standard closures, cant strips, sump pans, finish strips, pour stops, and other accessories as shown on drawings and as required.

METAL DECKING - ACOUSTICAL CELLULAR FORM DECK AND FORM DECK AT INFILLS
1. Fabrication and erection of all metal deck shall conform to the latest edition of Steel Deck Institute Specifications.
2. Metal decking shall be made of steel conforming to ASTM A653 SQ Grade 50 with coating designation G60 at floors and G40 at roof for galvanized deck in accordance with ASTM A924 having a minimum yield strength of 33,000 PSI
3. The Contractor shall provide shoring as required, (maximum span unshored of 6'-6') to support all the applicable construction loads.
4. Deck shall be welded to supporting steel at ends of units and at all intermediate supports in accordance with manufacturer's recommendations. Side laps shall be welded or screwed at 3'-0" o.c. maximum for spans over 5'-0".
5. Composite metal deck shall be galvanized. In no case shall unshored metal deck spans exceed the manufacturer's published recommendations or deflection criteria of span divided by 240. Metal deck shall provide the following minimum properties:
   Typical acoustical deck — Typical form deck
   1 1/2" — 18 GA. Hat / 18 GA. pan — 0.6" — 22 GA.
   Ip =0.537 in4/ft — Ip =0.024 in4/ft
   Sp = 0.474 in3/ft — Sp = 0.070 in3/ft
   Sn = 0.605 in3/ft — Sn = 0.070 in3/ft
6. Deck units shall be lapped only at supports.
7. Weld deck to supporting members according to manufacturer's recommendations. Deck and welds shall have a minimum design diaphragm strength of 300 plf.
8. Provide reinforcing channels, standard closures, cant strips, sump pans, finish strips, pour stops, and other accessories as shown on drawings and as required.

METAL DECKING - ROOF DECK
1. Fabrication and erection of all metal deck shall conform to the latest edition of Steel Deck Institute Specifications.
2. Metal decking shall be made of steel conforming to ASTM A653 SQ Grade 33 with coating designation G90 at roof for galvanized deck in accordance with ASTM A924 and/or ASTM A1003, Grade 33 for painted deck having a minimum yield strength of 33,000 PSI.
3. All metal deck has been designed to be continuous over 3 spans minimum, and shall bear at least 2" on steel supports. For one or two span conditions, the contractor shall provide shoring as required, or furnish heavier gauge deck as required to support all the applicable loads. Contractor shall submit alternate for approval.
4. Deck shall be welded to supporting steel at ends of units and at all intermediate supports in accordance with manufacturer's recommendations. Side laps shall be welded or screwed at 3'-0" o.c. maximum for spans over 5'-0".
5. Deck units shall be lapped only at supports.
6. Roof deck shall be wide rib, galvanized metal roof deck. See plan for depth and locations. Provide proof deck with following minimum properties:
   1 1/2" Type B Cellular — 20 GA. — 1 1/2" Type B Cellular — 20 GA. HAT/18 GA. PAN
   Ip = 0.201 in4/ft — Ip = 0.240 in4/ft — Ip = 0.201 in4/ft
   Sp = 0.234 in3/ft — Sp = 0.501 in3/ft — Sp = 0.234 in3/ft
   Sn = 0.247 in3/ft — Sn = 0.592 in3/ft — Sn = 0.247 in3/ft
7. Weld roof deck to supporting members according to manufacturer's recommendations. Deck and welds shall have a minimum design diaphragm strength of 300 plf.
8. Provide reinforcing channels, standard closures, cant strips, sump pans, finish strips, pour stops, and other accessories as shown on drawings and as required.

COLD-FORMED METAL FRAMING
1. The engineering of all Cold-Formed Metal Framing, including their connections shall be the responsibility of the Contractor. Design and section properties shall be in accordance with AISI "Specification for the Design of Cold-Formed Steel Structural Members".
2. Shop drawings and complete calculations, signed and sealed by a registered engineer in the state of Maryland, shall be submitted for review.
3. Sizes indicated on the Contract Drawings are the minimum accepted sizes only, and the Contractor's use of them does not relieve him of the responsibility for their design.
4. All galvanized, painted or unpainted material shall conform to the following:
   Studs and joists of 12, 14 and 16 gage: ASTM A 1003, Grade ST80H, Fy=80,000 PSI minimum.
   Studs and joists of 18 and 20 gage: ASTM A 1003, Grade ST33H, Fy=33,000 PSI minimum.
5. All exterior cold-formed metal walls galvanized material shall be formed from steel having a minimum G-40 galvanized coating conforming to ASTM A653. All interior load bearing walls galvanized material shall be formed from steel having a minimum G-60 galvanized coating conforming to AS

LOADING SCHEDULE (PSF)

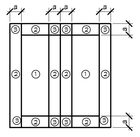
LOCATION / LOADING	FIRST FLOOR - SLAB ON GRADE	SECOND FLOOR HOUSING SLAB	SECOND FLOOR TYPICAL	MEZZANINE HOUSING SLAB	METAL ROOF DECK	THIRD FLOOR MECHANICAL	THIRD FLOOR TYPICAL	CONCRETE ROOF	MEZZANINE HOUSING ROOF	MECHANICAL ROOM ROOF	SECURITY ROOF SCREEN
SLAB ON GRADE	63	-	-	-		-	-	-	-	-	-
8" CONCRETE SLAB	-	100	100	-	-	100	100	100	-	-	-
CONC. ON METAL DECK - 8" TOTAL SLAB THICKNESS	-	-	-	85	-	-	-	-	85	-	-
METAL ROOF DECK	-	-	-	-	2	-	-	-	-	2	-
2" LW CONC. TOPPING	20	20	20	-	-	20	20	-	-	-	-
M/E/C/L	-	8	8	8	10	8	8	12	12	35	-
FLOOR FINISH	2	2	2	2	-	2	2	-	-	-	-
MEMBRANE	-	-	-	-	1	-	-	1	1	1	-
INSULATION	-	-	-	-	3	-	-	3	3	3	-
ROOFING	-	-	-	-	4	-	-	4	4	4	-
ROOF SCREEN	-	-	-	-	-	-	-	-	-	-	15
TOTAL DEAD LOAD	85	130	130	95	25	130	130	125	110	50	15
LIVE LOAD	100	40	100	40	30	150	100	30	30	30	30
TOTAL LOAD	185	170	230	135	55	280	230	155	140	80	45

NOTES:
1. ALL LIVE LOADS ARE IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE 2012 EDITION.
2. NO LIVE LOAD REDUCTION HAS BEEN TAKEN INTO ACCOUNT.
3. TOTAL DEAD LOADS DO NOT INCLUDE WEIGHT OF STEEL OR PRIMARY FRAMING MEMBERS.
4. LOADS IN SCHEDULE DO NOT INCLUDE WEIGHTS OF ROOF TOP MECHANICAL UNITS. THE PROVISION FOR THE SUPPORT OF THESE UNITS HAVE BEEN MADE ON AN INDIVIDUAL BASIS. ANY CHANGE FROM SPECIFIED MECHANICAL UNIT (SIZE, WEIGHT AND LOCATION) SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER.
5. SEE PLANS FOR LOCALIZED CONCENTRATED LOADS.
6. DRIFTED AND SLIDING SNOW LOADS ARE ACCOUNTED FOR IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE 2012 EDITION, BUT ARE NOT INCLUDED IN THE LIVE LOADS INDICATED ABOVE.

CONCRETE EXPOSURE CATEGORIES

ITEM	EXPOSURE CATEGORY AND CLASS - SEE NOTE 1.			
	F	S	P	C
CONCRETE WITHIN HEATED, ENCLOSED BUILDING FOOTPRINT, INCLUDING FOUNDATIONS & PIERS LOCATED ABOVE THE WATERTABLE.	F0	S0	P0	C0
CANOPY SUPPORT PIERS OR OTHER EXPOSED PIERS	F2	S0	P0	C2
EXPOSED CANOPY SUPPORT SUPERSTRUCTURES	F1	S0	P0	C1
INTERIOR BASEMENT/RETAINING WALLS	F0	S0	P1	C1
EXTERIOR CONCRETE SLABS, TOPPING SLABS, RAMPS, STAIRS, AND STOOPS	F3	S0	P0	C2
SITE RETAINING WALLS	F2	S0	P1	C1

NOTES:
1. EXPOSURE CATEGORIES AND CLASSES REFERENCE TABLE 318-11 TABLE 4.2.1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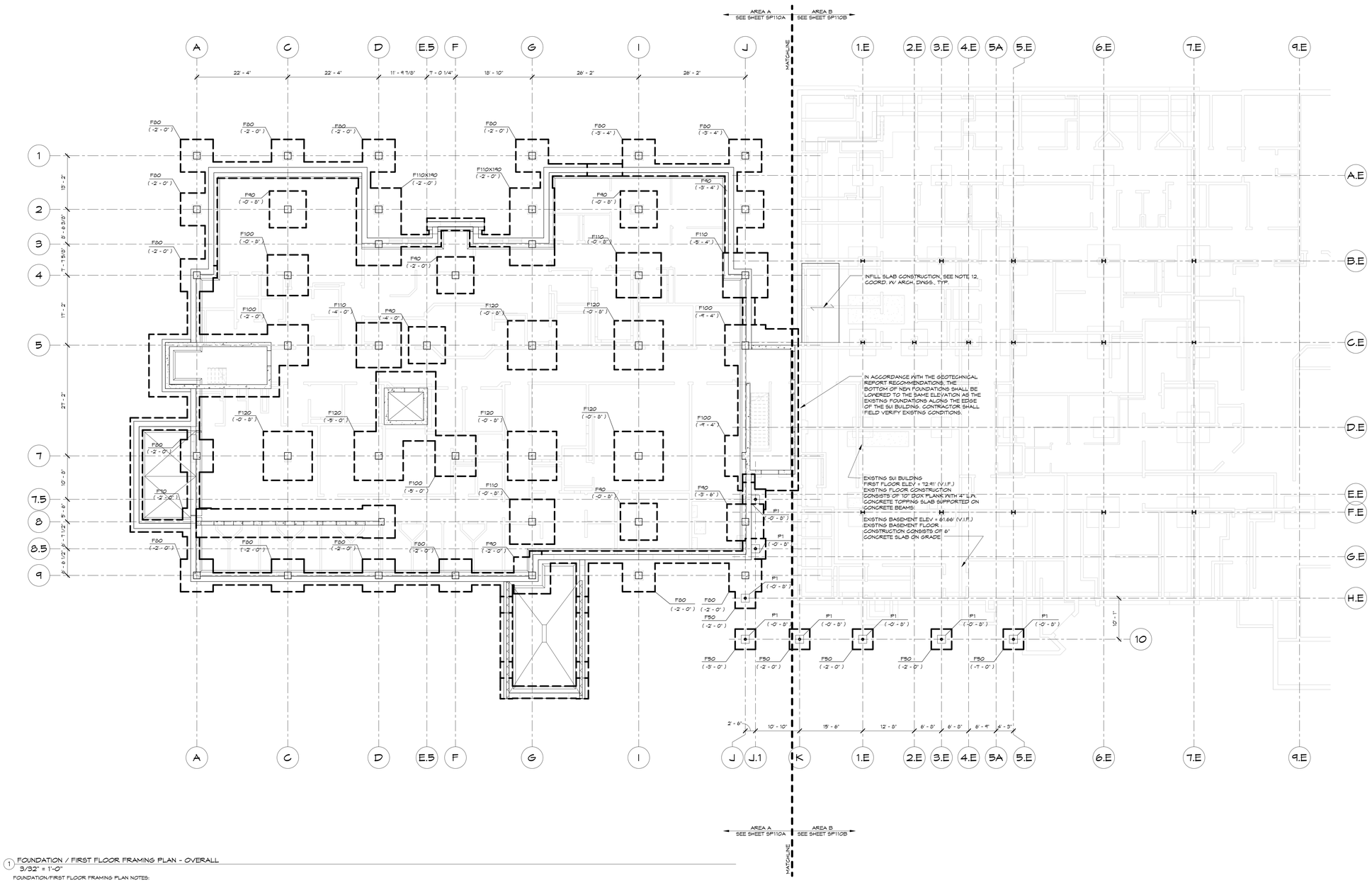

N

1 FOUNDATION / FIRST FLOOR FRAMING PLAN - OVERALL
3/32" = 1'-0"

FOUNDATION/FIRST FLOOR FRAMING PLAN NOTES:

1. ELEVATION TOP OF FINISHED FIRST FLOOR SLAB EQUALS ELEVATION OF THE ADJACENT SUI BUILDING EXISTING FIRST FLOOR, WHICH IS THE REFERENCE DATUM ELEVATION. THIS ELEVATION IS ASSUMED TO BE 73.41' WHICH SHALL BE FIELD VERIFIED.
2. ALL ELEVATIONS NOTED ON PLAN ARE WITH RESPECT TO REFERENCE DATUM ELEVATION.
3. ALL FOOTINGS SHALL BE SPREAD FOOTINGS WITH A NET ALLOWABLE BEARING CAPACITY OF 4000 PSF ON A MODIFIED SUB GRADE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND RECOMMENDATIONS.
4. ELEVATIONS NOTED THUS (-0'-0") ARE TOP OF FOOTING ELEVATIONS.
5. ELEVATION TOP OF ALL INTERIOR FOOTINGS SHALL BE (-0'-0") UNLESS NOTED OTHERWISE IN PLAN.
6. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE MINIMUM 2'-6" BELOW FINISHED GRADE.
7. FLOOR SLAB SHALL BE 5" THICK CONCRETE SLAB ON GRADE REINFORCED WITH 6 X 6 W2.1 X W2.1 WELDED WIRE REINFORCEMENT AND PLACED ON VAPOR BARRIER OVER 6" GRANULAR BASE AND A PROPERLY PROOF ROLLED SUB BASE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND RECOMMENDATIONS. PROVIDE 2" LIGHT WEIGHT NON-STRUCTURAL CONCRETE TOPPING SLAB REINFORCED WITH 6X6-W1.4XW1.4 W.W.R.; COORDINATE WITH ARCHITECTURAL DRAWINGS FOR SLOPING OR RECESSES IN NON-STRUCTURAL CONCRETE TOPPING SLAB.
8. SEE ARCHITECTURAL AND/OR MECHANICAL DRAWINGS FOR:
   A. LOCATION OF FLOOR DRAINS AND SLOPE OF FINISHED FLOOR.
   B. LOCATION AND EXTENT OF SLAB DEPRESSIONS AND RAMPS NOT SHOWN.
   C. SIZE AND LOCATION OF SLAB OPENINGS AND/OR MECHANICAL SLEEVES. SEE TYPICAL DETAILS FOR ADDITIONAL REINFORCEMENT AROUND SLAB OPENINGS.
   D. EQUIPMENT PADS AND SUPPORTS.
   E. BRICK LEDGE ELEVATION AND EXTENT.
   F. SIZE AND LOCATION OF NON-BEARING MASONRY PARTITIONS. SEE TYPICAL DETAILS FOR THICKENED SLAB AT MASONRY PARTITIONS.
9. MINIMUM SLAB ON GRADE THICKNESS OF 5 INCHES SHALL BE MAINTAINED AT ALL LOCATIONS. THIS INCLUDES BUT IS NOT LIMITED TO LOCATIONS OF DRAINS, DEPRESSIONS, FLOOR BOXES, AND EMBEDDED ITEMS PER M/E/P AND ARCHITECTURAL DRAWINGS.
10. WORK THIS DRAWING WITH:
    A. GENERAL NOTES: S0XX SERIES
    B. TYPICAL FOUNDATION NOTES, DETAILS AND SECTIONS: S4XX SERIES
    C. COLUMN SCHEDULE: S6XX SERIES
    D. CONCRETE SHEAR WALLS: S3XX SERIES
11. "SW-#" ON PLAN INDICATES A CONCRETE SHEAR WALL. COORDINATE WITH TYPICAL DETAILS AND CONCRETE SHEAR WALL ELEVATIONS. REFER TO ARCHITECTURAL DRAWING FOR EXTENT OF NEW CONSTRUCTION.
12. INFILL SLAB CONSTRUCTION SHALL BE 3-1/4" LIGHT WEIGHT CONCRETE ON 3"X20 GAUGE COMPOSITE METAL DECK (6-1/4" TOTAL THICKNESS). REINFORCE SLAB WITH 6x6-W1.4XW1.4 W.W.R. COORD. WITH DEMO DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO FABRICATION OF MATERIALS.
13. EXTERIOR 5" THICK CONCRETE SLAB ON GRADE REINFORCED WITH 6x6-W2.1xW2.1 WELDED WIRE REINFORCEMENT AND PLACED ON VAPOR BARRIER OVER 6" GRANULAR BASE AND A PROPERLY PROOF ROLLED SUB BASE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND RECOMMENDATIONS ALL CONCRETE SHALL CONTAIN A CORROSION INHIBITOR.
14. FLOOR SLAB SHALL BE 8" THICK NORMAL WEIGHT ONE-WAY CONVENTIONAL CAST-IN-PLACE CONCRETE SLAB. REINFORCE WITH A CONTINUOUS MAT OF #8@12" O.C. CENTER EACH WAY.
15. ALL DIMENSIONS ADJACENT TO EXISTING CONSTRUCTION SHALL BE VERIFIED.
16. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
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TERRALOGOS
ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

STATE OF MARYLAND
Peter Hughes Furrer
No. 10976
PROFESSIONAL ENGINEER

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

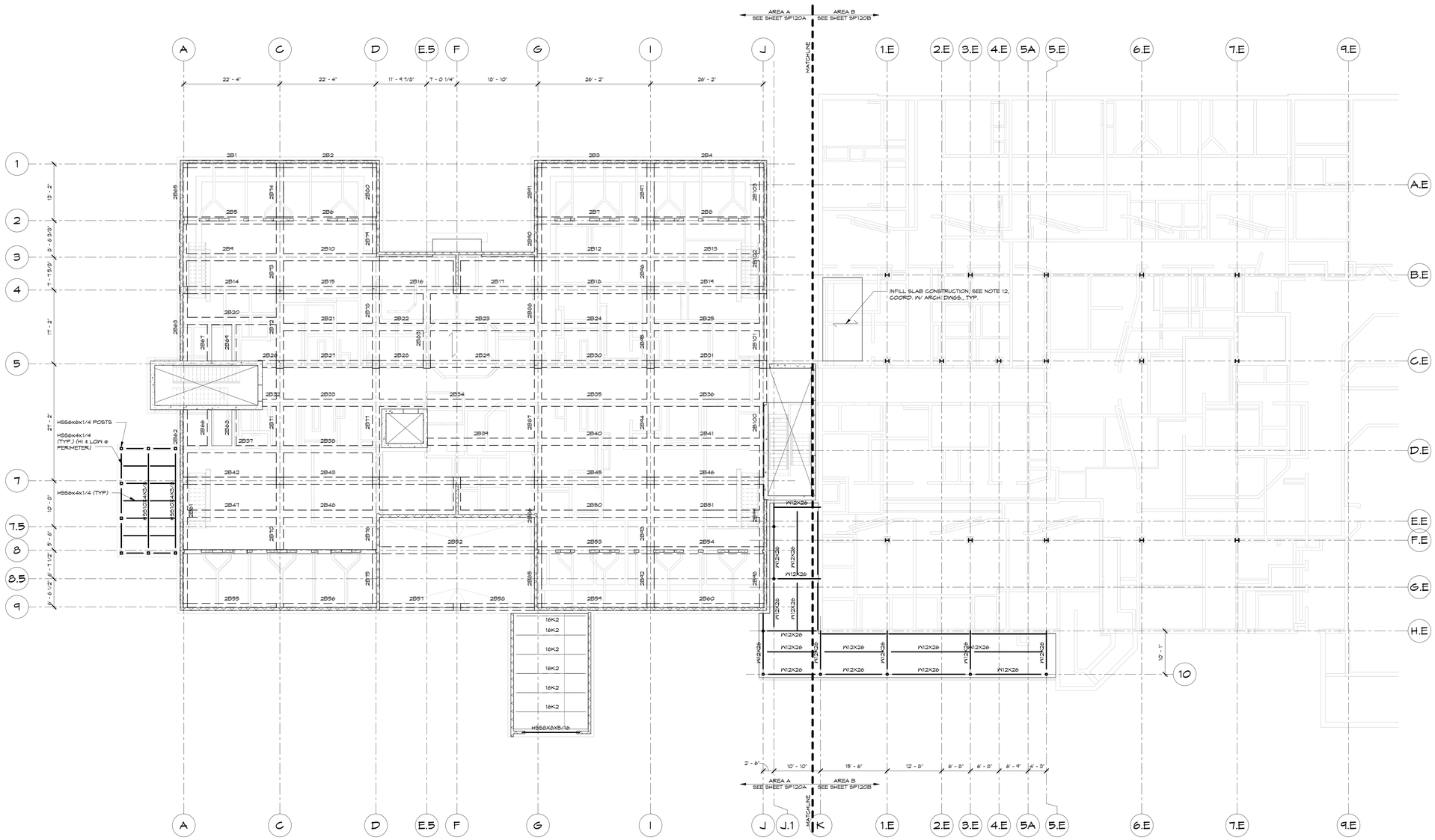
TITLE

FOUNDATION / FIRST FLOOR FRAMING PLAN - OVERALL

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

SO110

SHEET NO.



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1 SECOND FLOOR FRAMING PLAN - OVERALL
3/32" = 1'-0"

SECOND FLOOR FRAMING PLAN NOTES:

1. TOP OF SLAB ELEVATION = +14.0' AS MEASURED FROM REFERENCE DATUM.
2. ELEVATIONS NOTED THUS (-0") IN PLAN ARE MEASURED FROM TOP OF SLAB ELEVATION.
3. SLAB CONSTRUCTION SHALL BE 5" THICK NORMAL WEIGHT ONE-WAY CONVENTIONAL CAST-IN-PLACE CONCRETE SLAB. REINFORCE WITH A CONTINUOUS MAT OF #6@12" O.C. TOP AND BOTTOM EACH WAY. PROVIDE ADDITIONAL REINFORCING AS SHOWN ON PLAN. PROVIDE 2" LIGHT WEIGHT NON-STRUCTURAL CONCRETE TOPPING SLAB REINFORCED WITH 6X6-W1.4XW1.4 W.W.R.; COORDINATE WITH ARCHITECTURAL DRAWINGS FOR SLOPING OR RECESSES IN NON-STRUCTURAL CONCRETE TOPPING SLAB.
4. ROOF SHALL BE 1-1/2"X20 GA GALVANIZED TYPE 'B' METAL DECK, UNLESS NOTED OTHERWISE.
5. SEE ARCHITECTURAL AND/OR MECHANICAL DRAWINGS FOR:
   A. LOCATION OF FLOOR DRAINS AND SLOPE OF FINISHED FLOOR.
   B. LOCATION AND EXTENT OF SLAB DEPRESSIONS, SLOPES, RECESSES AND RAMPS NOT SHOWN.
   C. SIZE AND LOCATION OF SLAB OPENINGS AND/OR MECHANICAL SLEEVES. PROVIDE ADDITIONAL FRAMING IN ACCORDANCE WITH TYPICAL FLOOR OPENING DETAIL.
   D. EQUIPMENT PADS AND/OR SUPPORTS.
6. WORK THIS DRAWING WITH:
   A. GENERAL NOTES: S6XXX SERIES
   B. SUPERSTRUCTURE SECTIONS AND DETAILS: S5XX SERIES
   C. CONCRETE SHEAR WALLS AND LATERAL BRACING: S3XX SERIES
   D. COLUMN SCHEDULE: S6XX SERIES
7. COLUMNS NOTED THUS (A) IN PLAN ARE ABOVE ONLY.
8. COLUMNS NOTED THUS (B) IN PLAN ARE BELOW ONLY.
9. FILLER BEAM LAYOUT IS BASED ON EQUAL SPACING BETWEEN COLUMN LINES, UNLESS NOTED OTHERWISE. COORDINATE WITH TYPICAL DETAILS AROUND OPENINGS.
10. "SW-#" ON PLAN INDICATES A CONCRETE SHEAR WALL. COORDINATE WITH TYPICAL DETAILS AND CONCRETE SHEAR WALL ELEVATIONS.
11. REFER TO ARCHITECTURAL DRAWING FOR EXTENT OF NEW CONSTRUCTION.
12. ALL DIMENSIONS ADJACENT TO EXISTING CONSTRUCTION SHALL BE VERIFIED.
13. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW.
14. DUCT AND PIPE PENETRATIONS AS REQUIRED PER MEP DRAWINGS. FRAME SLAB PENETRATIONS PER TYPICAL DETAIL 1 & 2/S501, CONTRACTOR SHALL COORD. & SUBMIT FINAL PENETRATION LAYOUT FOR REVIEW AND APPROVAL.
15. INFILL SLAB CONSTRUCTION SHALL BE 3-1/4" LIGHT WEIGHT CONCRETE ON 3"X20 GAUGE COMPOSITE METAL DECK (6-1/4" TOTAL THICKNESS). REINFORCE SLAB WITH 6x6- W1.4xW1.4 W.W.R. COORD. WITH DEMO DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO FABRICATION OF MATERIALS.

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

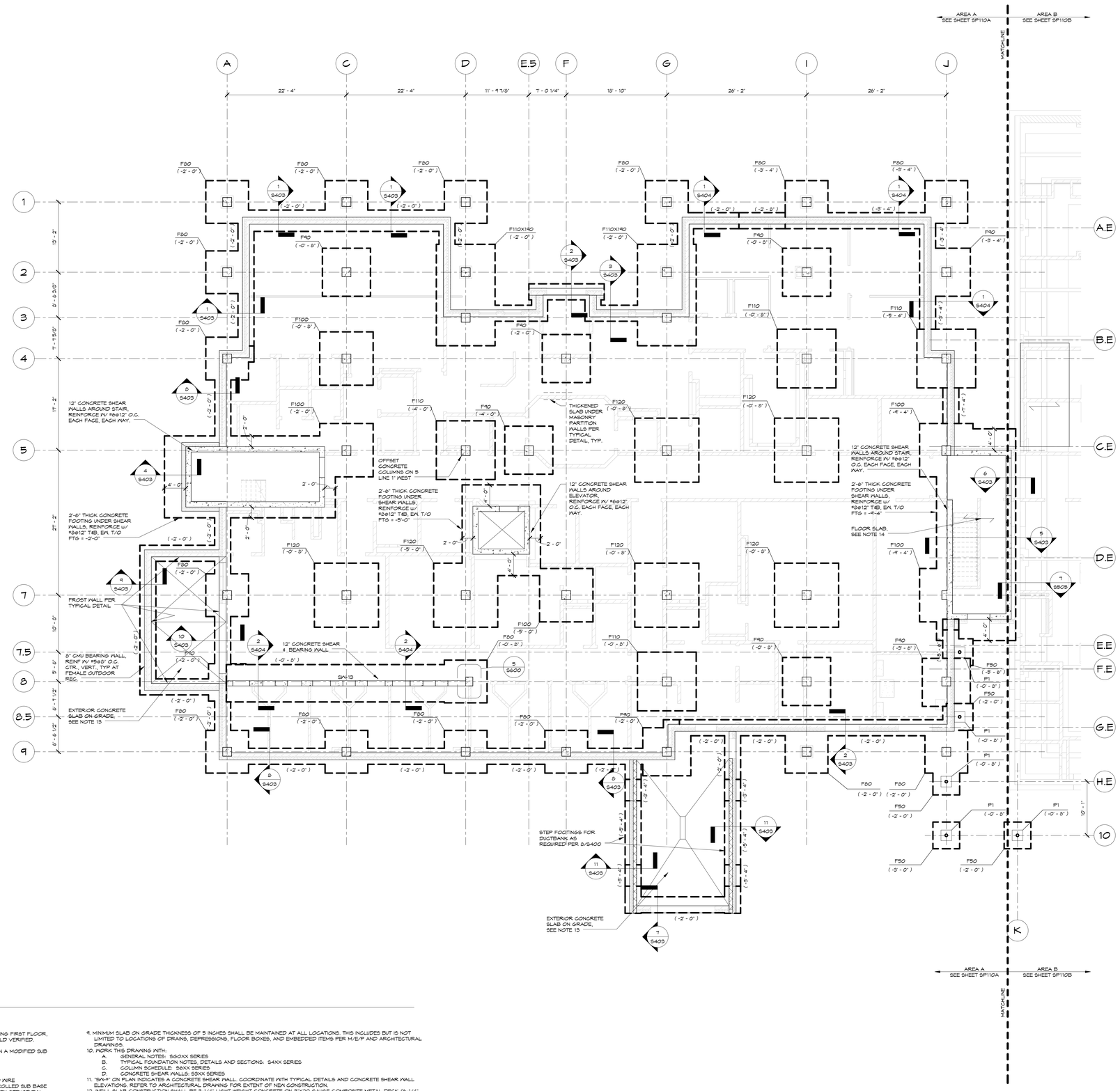
TITLE

SECOND FLOOR FRAMING PLAN - OVERALL

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

SO120

SHEET NO.



N

1 FOUNDATION / FIRST FLOOR FRAMING PLAN AREA A

1/8" = 1'-0"

FOUNDATION/FIRST FLOOR FRAMING PLAN NOTES:

1. ELEVATION TOP OF FINISHED FIRST FLOOR SLAB EQUALS ELEVATION OF THE ADJACENT SUI BUILDING EXISTING FIRST FLOOR, WHICH IS THE REFERENCE DATUM ELEVATION. THIS ELEVATION IS ASSUMED TO BE 73.41 WHICH SHALL BE FIELD VERIFIED.
2. ALL ELEVATIONS NOTED ON PLAN ARE WITH RESPECT TO REFERENCE DATUM ELEVATION.
3. ALL FOOTINGS SHALL BE SPREAD FOOTINGS WITH A NET ALLOWABLE BEARING CAPACITY OF 4000 PSF ON A MODIFIED SUB GRADE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND RECOMMENDATIONS.
4. ELEVATIONS NOTED THUS (-0'-0") ARE TOP OF FOOTING ELEVATIONS.
5. ELEVATION TOP OF ALL INTERIOR FOOTINGS SHALL BE (-0'-8") UNLESS NOTED OTHERWISE IN PLAN.
6. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE MINIMUM 2'-6" BELOW FINISHED GRADE.
7. FLOOR SLAB SHALL BE 5" THICK CONCRETE SLAB ON GRADE REINFORCED WITH 6 X 6 W2.1 X W2.1 WELDED WIRE REINFORCEMENT AND PLACED ON VAPOR BARRIER OVER 6" GRANULAR BASE AND A PROPERLY PROOF ROLLED SUB BASE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND RECOMMENDATIONS. PROVIDE 2" LIGHT WEIGHT NON-STRUCTURAL CONCRETE TOPPING SLAB REINFORCED WITH 6X6-W1.4XW1.4 W.W.R.; COORDINATE WITH ARCHITECTURAL DRAWINGS FOR SLOPING OR RECESSES IN NON-STRUCTURAL CONCRETE TOPPING SLAB.
8. SEE ARCHITECTURAL AND/OR MECHANICAL DRAWINGS FOR:
   - A. LOCATION OF FLOOR DRAINS AND SLOPE OF FINISHED FLOOR.
   - B. LOCATION AND EXTENT OF SLAB DEPRESSIONS AND RAMPS NOT SHOWN.
   - C. SIZE AND LOCATION OF SLAB OPENINGS AND/OR MECHANICAL SLEEVES. SEE TYPICAL DETAILS FOR ADDITIONAL REINFORCEMENT AROUND SLAB OPENINGS.
   - D. EQUIPMENT PADS AND SUPPORTS.
   - E. BRICK LEDGE ELEVATION AND EXTENT.
   - F. SIZE AND LOCATION OF NON-BEARING MASONRY PARTITIONS. SEE TYPICAL DETAILS FOR THICKENED SLAB AT MASONRY PARTITIONS.
9. MINIMUM SLAB ON GRADE THICKNESS OF 5 INCHES SHALL BE MAINTAINED AT ALL LOCATIONS. THIS INCLUDES BUT IS NOT LIMITED TO LOCATIONS OF DRAINS, DEPRESSIONS, FLOOR BOXES, AND EMBEDDED ITEMS PER M/E/P AND ARCHITECTURAL DRAWINGS.
10. WORK THIS DRAWING WITH:
    - A. GENERAL NOTES: S60XX SERIES
    - B. TYPICAL FOUNDATION NOTES, DETAILS AND SECTIONS: S4XX SERIES
    - C. COLUMN SCHEDULE: S6XX SERIES
    - D. CONCRETE SHEAR WALLS: S3XX SERIES
11. "SW-#" ON PLAN INDICATES A CONCRETE SHEAR WALL. COORDINATE WITH TYPICAL DETAILS AND CONCRETE SHEAR WALL ELEVATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF NEW CONSTRUCTION.
12. INFILL SLAB CONSTRUCTION SHALL BE 3-1/4" LIGHT WEIGHT CONCRETE ON 3"X20 GAUGE COMPOSITE METAL DECK (8-1/4" TOTAL THICKNESS). REINFORCE SLAB WITH 6X6-W1.4XW1.4 W.W.R. COORD. WITH DEMO DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO FABRICATION OF MATERIALS.
13. EXTERIOR 5" THICK CONCRETE SLAB ON GRADE REINFORCED WITH 6X6-W2.1XW2.1 WELDED WIRE REINFORCEMENT AND PLACED ON VAPOR BARRIER OVER 6" GRANULAR BASE AND A PROPERLY PROOF ROLLED SUB BASE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND RECOMMENDATIONS ALL CONCRETE SHALL CONTAIN A CORROSION INHIBITOR.
14. FLOOR SLAB SHALL BE 5" THICK NORMAL WEIGHT ONE-WAY CONVENTIONAL CAST-IN-PLACE CONCRETE SLAB. REINFORCE WITH A CONTINUOUS MAT OF #5@12" O.C. CENTER EACH WAY.
15. ALL DIMENSIONS ADJACENT TO EXISTING CONSTRUCTION SHALL BE VERIFIED.
16. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW.

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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Consulting Engineers
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R&R designer, inc.

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

STATE OF MARYLAND
Hope Furrer
No. 10976
PROFESSIONAL ENGINEER

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN

SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

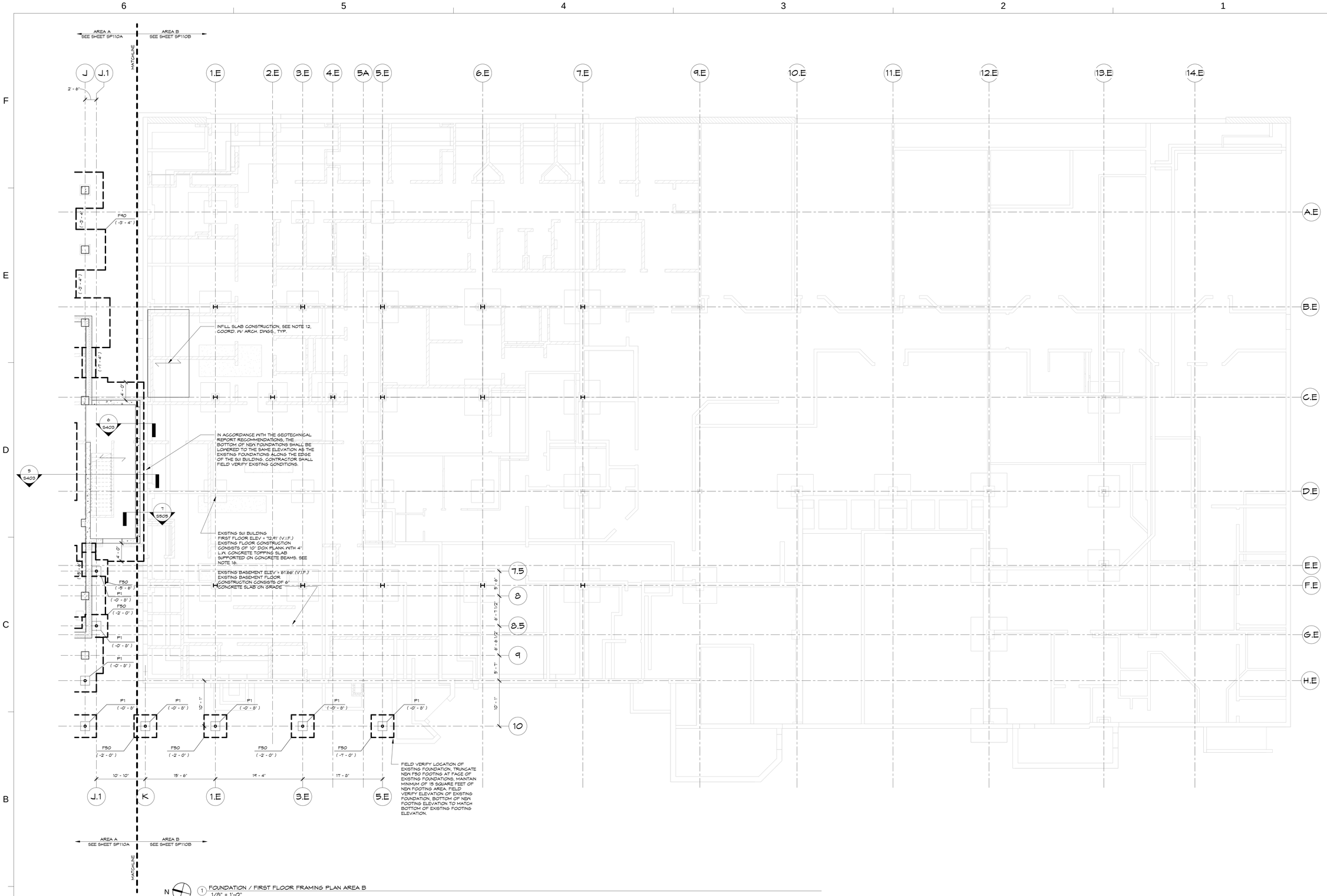
TITLE

FOUNDATION / FIRST FLOOR FRAMING PLAN AREA A

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

SP110A

SHEET NO.



N

1 FOUNDATION / FIRST FLOOR FRAMING PLAN AREA B
1/8" = 1'-0"

FOUNDATION/FIRST FLOOR FRAMING PLAN NOTES:

1. ELEVATION TOP OF FINISHED FIRST FLOOR SLAB EQUALS ELEVATION OF THE ADJACENT SJI BUILDING EXISTING FIRST FLOOR, WHICH IS THE REFERENCE DATUM ELEVATION. THIS ELEVATION IS ASSUMED TO BE 73.41' WHICH SHALL BE FIELD VERIFIED.
2. ALL ELEVATIONS NOTED ON PLAN ARE WITH RESPECT TO REFERENCE DATUM ELEVATION.
3. ALL FOOTINGS SHALL BE SPREAD FOOTINGS WITH A NET ALLOWABLE BEARING CAPACITY OF 4000 PSF ON A MODIFIED SUB GRADE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND RECOMMENDATIONS.
4. ELEVATIONS NOTED THUS (-0'-0") ARE TOP OF FOOTING ELEVATIONS.
5. ELEVATION TOP OF ALL INTERIOR FOOTINGS SHALL BE (-0'-0") UNLESS NOTED OTHERWISE IN PLAN.
6. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE MINIMUM 2'-6" BELOW FINISHED GRADE.
7. FLOOR SLAB SHALL BE 5" THICK CONCRETE SLAB ON GRADE REINFORCED WITH 6 X 6 (W2.1 X W2.1) WELDED WIRE REINFORCEMENT AND PLACED ON VAPOR BARRIER OVER 6" GRANULAR BASE AND A PROPERLY PROOF ROLLED SUB BASE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND RECOMMENDATIONS. PROVIDE 2" LIGHT WEIGHT NON-STRUCTURAL CONCRETE TOPPING SLAB REINFORCED WITH 6x6-W1.4xW1.4 M/M.R., COORDINATE WITH ARCHITECTURAL DRAWINGS FOR SLOPING OR RECESSES IN NON-STRUCTURAL CONCRETE TOPPING SLAB.
8. SEE ARCHITECTURAL AND/OR MECHANICAL DRAWINGS FOR:
   A. LOCATION OF FLOOR DRAINS AND SLOPE OF FINISHED FLOOR.
   B. LOCATION AND EXTENT OF SLAB DEPRESSIONS AND RAMPS NOT SHOWN.
   C. SIZE AND LOCATION OF SLAB OPENINGS AND/OR MECHANICAL SLEEVES. SEE TYPICAL DETAILS FOR ADDITIONAL REINFORCEMENT AROUND SLAB OPENINGS.
   D. EQUIPMENT PADS AND SUPPORTS.
   E. BRICK LEDGE ELEVATION AND EXTENT.
   F. SIZE AND LOCATION OF NON-BEARING MASONRY PARTITIONS. SEE TYPICAL DETAILS FOR THICKENED SLAB AT MASONRY PARTITIONS.
9. MINIMUM SLAB ON GRADE THICKNESS OF 5 INCHES SHALL BE MAINTAINED AT ALL LOCATIONS. THIS INCLUDES BUT IS NOT LIMITED TO LOCATIONS OF DRAINS, DEPRESSIONS, FLOOR BOXES, AND EMBEDDED ITEMS PER M/E/P AND ARCHITECTURAL DRAWINGS.
10. WORK THIS DRAWING WITH:
    A. GENERAL NOTES: S0XXX SERIES
    B. TYPICAL FOUNDATION NOTES, DETAILS AND SECTIONS: S4XXX SERIES
    C. COLUMN SCHEDULE: S6XXX SERIES
    D. CONCRETE SHEAR WALLS: S3XXX SERIES
11. "SW-#" ON PLAN INDICATES A CONCRETE SHEAR WALL. COORDINATE WITH TYPICAL DETAILS AND CONCRETE SHEAR WALL ELEVATIONS. REFER TO ARCHITECTURAL DRAWING FOR EXTENT OF NEW CONSTRUCTION.
12. INFILL SLAB CONSTRUCTION SHALL BE 3-1/4" LIGHT WEIGHT CONCRETE ON 3"X20 GAUGE COMPOSITE METAL DECK (6-1/4" TOTAL THICKNESS). REINFORCE SLAB WITH 6x6-W1.4xW1.4 M/M.R. COORD. WITH DEMO DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO FABRICATION OF MATERIALS.
13. EXTERIOR 5" THICK CONCRETE SLAB ON GRADE REINFORCED WITH 6x6-W2.1xW2.1 WELDED WIRE REINFORCEMENT AND PLACED ON VAPOR BARRIER OVER 6" GRANULAR BASE AND A PROPERLY PROOF ROLLED SUB BASE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND RECOMMENDATIONS ALL CONCRETE SHALL CONTAIN A CORROSION INHIBITOR.
14. ALL DIMENSIONS ADJACENT TO EXISTING CONSTRUCTION SHALL BE VERIFIED.
15. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW.
16. EXISTING SJI BUILDING FIRST FLOOR CONSTRUCTION CONSISTS OF 10" DOX PLANK WITH 4" L.W. CONCRETE TOPPING SLAB SUPPORTED ON CONCRETE BEAMS ACCORDING TO EXISTING DRAWINGS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONSTRUCTION AND NOTIFY THE ARCHITECT IF FIELD CONDITIONS DIFFER THAN CONDITIONS NOTED OR IN THE EXISTING DRAWINGS. EXISTING FRAMING SHALL REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE. COORDINATE WITH ARCHITECTURAL, DETENTION, FOOD SERVICE, FIRE PROTECTION, PLUMBING, MECHANICAL, ELECTRICAL, AND TECHNOLOGY DRAWINGS FOR ANY PENETRATIONS. THE CONTRACTOR SHALL ACCURATELY FIELD LOCATE ALL EXISTING REINFORCING, INCLUDING MILD STEEL, BONDED OR UN-BONDED POST TENSIONED CABLES, AND PROVIDE DIMENSIONED DRAWING INDICATING THE PROPOSED PENETRATIONS AND THE RELATIONSHIP TO ADJACENT EXISTING REINFORCING FOR REVIEW. THE ARCHITECT SHALL REVIEW THE PROPOSED FIELD VERIFIED LOCATIONS AND PROVIDE ANY MODIFICATIONS IF REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT NO EXISTING REINFORCING SHALL BE CUT OR DAMAGED.

0' 4' 8' 16' 32'
SCALE: 1/8" = 1' - 0"

A JOINT-VENTURE BETWEEN
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EBA ENGINEERING

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KEY PLAN

SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

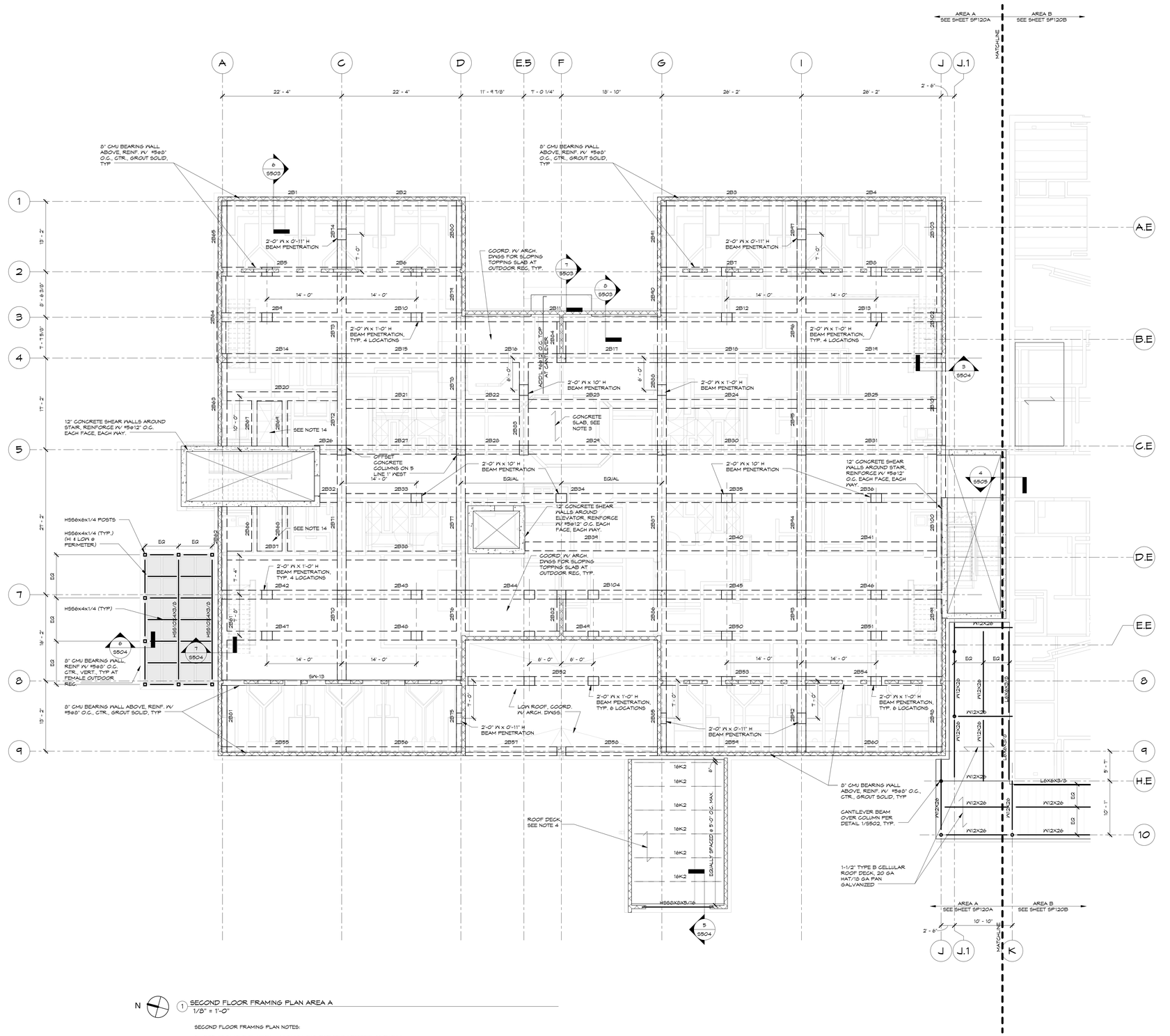
TITLE

FOUNDATION / FIRST FLOOR FRAMING PLAN AREA B

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

SP110B

SHEET NO.



N

1 SECOND FLOOR FRAMING PLAN AREA A
1/8" = 1'-0"

SECOND FLOOR FRAMING PLAN NOTES:

1. TOP OF SLAB ELEVATION = +14.0' AS MEASURED FROM REFERENCE DATUM.
2. ELEVATIONS NOTED THUS (-0') IN PLAN ARE MEASURED FROM TOP OF SLAB ELEVATION.
3. SLAB CONSTRUCTION SHALL BE 5" THICK NORMAL WEIGHT ONE-WAY CONVENTIONAL CAST-IN-PLACE CONCRETE SLAB. REINFORCE WITH A CONTINUOUS MAT OF #4@12" O.C. TOP AND BOTTOM EACH WAY. PROVIDE ADDITIONAL REINFORCING AS SHOWN ON PLAN. PROVIDE 2" LIGHT WEIGHT NON-STRUCTURAL CONCRETE TOPPING SLAB REINFORCED WITH 6X6-W1.4XW1.4 W.W.R.; COORDINATE WITH ARCHITECTURAL DRAWINGS FOR SLOPING OR RECESSES IN NON-STRUCTURAL CONCRETE TOPPING SLAB.
4. ROOF SHALL BE 1-1/2"X20 GA GALVANIZED TYPE 'B' METAL DECK, UNLESS NOTED OTHERWISE.
5. SEE ARCHITECTURAL AND/OR MECHANICAL DRAWINGS FOR:
   A. LOCATION OF FLOOR DRAINS AND SLOPE OF FINISHED FLOOR.
   B. LOCATION AND EXTENT OF SLAB DEPRESSIONS, SLOPES, RECESSES AND RAMPS NOT SHOWN.
   C. SIZE AND LOCATION OF SLAB OPENINGS AND/OR MECHANICAL SLEEVES. PROVIDE ADDITIONAL FRAMING IN ACCORDANCE WITH 'TYPICAL FLOOR OPENING' DETAIL.
   D. EQUIPMENT PADS AND/OR SUPPORTS.
6. WORK THIS DRAWING WITH:
   A. GENERAL NOTES: S0XX SERIES
   B. SUPERSTRUCTURE SECTIONS AND DETAILS: S5XX SERIES
   C. CONCRETE SHEAR WALLS AND LATERAL BRACING: S3XX SERIES
   D. COLUMN SCHEDULE: S6XX SERIES
7. COLUMNS NOTED THUS (A) IN PLAN ARE ABOVE ONLY.
8. COLUMNS NOTED THUS (B) IN PLAN ARE BELOW ONLY.
9. FILLER BEAM LAYOUT IS BASED ON EQUAL SPACING BETWEEN COLUMN LINES, UNLESS NOTED OTHERWISE. COORDINATE WITH TYPICAL DETAILS AROUND OPENINGS.
10. "SW-#" ON PLAN INDICATES A CONCRETE SHEAR WALL. COORDINATE WITH TYPICAL DETAILS AND CONCRETE SHEAR WALL ELEVATIONS.
11. REFER TO ARCHITECTURAL DRAWING FOR EXTENT OF NEW CONSTRUCTION.
12. ALL DIMENSIONS ADJACENT TO EXISTING CONSTRUCTION SHALL BE VERIFIED.
13. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW.
14. DUCT AND PIPE PENETRATIONS AS REQUIRED PER MEP DRAWINGS. FRAME SLAB PENETRATIONS PER TYPICAL DETAIL 1 & 2/S501, CONTRACTOR SHALL COORD. & SUBMIT FINAL PENETRATION LAYOUT FOR REVIEW AND APPROVAL.
15. INFILL SLAB CONSTRUCTION SHALL BE 3-1/4" LIGHT WEIGHT CONCRETE ON 3"X20 GAUGE COMPOSITE METAL DECK (6-1/4" TOTAL THICKNESS). REINFORCE SLAB WITH 6x6- W1.4xW1.4 W.W.R. COORD. WITH DEMO DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO FABRICATION OF MATERIALS.

0' 4' 8' 16' 32'
SCALE: 1/8" = 1' - 0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
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TERRALOGOS
ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

STATE OF MARYLAND
Hope Hughes Furrer
No. 10976
PROFESSIONAL ENGINEER

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KEY PLAN

SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

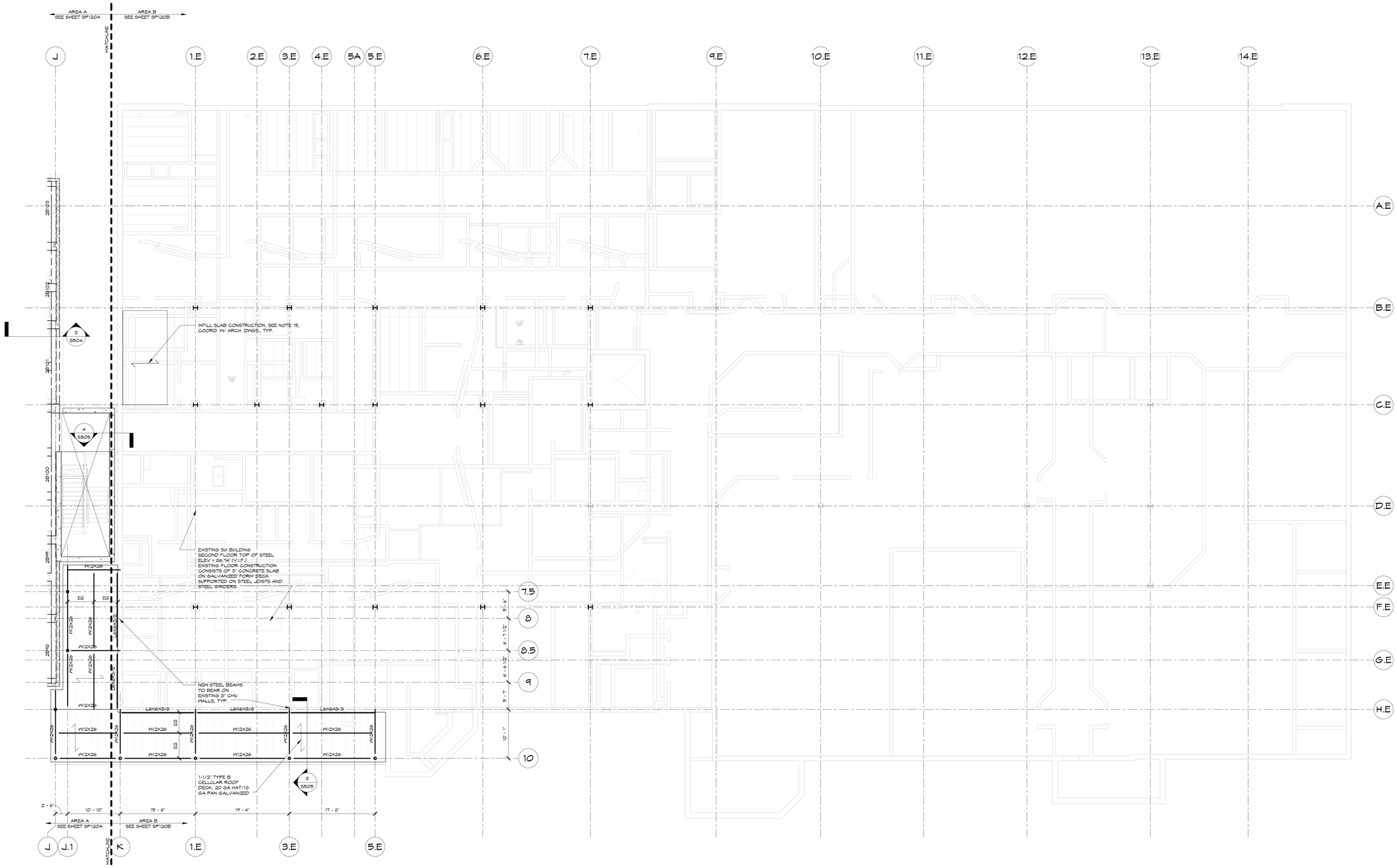
TITLE

SECOND FLOOR FRAMING PLAN AREA A

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

SP120A

SHEET NO.



N ① SECOND FLOOR FRAMING PLAN AREA B

1/8" = 1'-0"

SECOND FLOOR FRAMING PLAN NOTES:

1. TOP OF SLAB ELEVATION = +14.0' AS MEASURED FROM REFERENCE DATUM.
2. ELEVATIONS NOTED THUS (-0") IN PLAN ARE MEASURED FROM TOP OF SLAB ELEVATION.
3. SLAB CONSTRUCTION SHALL BE 5" THICK NORMAL WEIGHT ONE-WAY CONVENTIONAL CAST-IN-PLACE CONCRETE SLAB. REINFORCE WITH A CONTINUOUS MAT OF #4@12" O.C. TOP AND BOTTOM EACH WAY. PROVIDE ADDITIONAL REINFORCING AS SHOWN ON PLAN. PROVIDE 2" LIGHT WEIGHT NON-STRUCTURAL CONCRETE TOPPING SLAB REINFORCED WITH 6X6-W1.4XW1.4 W.W.R.; COORDINATE WITH ARCHITECTURAL DRAWINGS FOR SLOPING OR RECESSES IN NON-STRUCTURAL CONCRETE TOPPING SLAB.
4. ROOF SHALL BE 1-1/2"X20 GA GALVANIZED TYPE 'B' METAL DECK, UNLESS NOTED OTHERWISE.
5. SEE ARCHITECTURAL AND/OR MECHANICAL DRAWINGS FOR:
   A. LOCATION OF FLOOR DRAINS AND SLOPE OF FINISHED FLOOR.
   B. LOCATION AND EXTENT OF SLAB DEPRESSIONS, SLOPES, RECESSES AND RAMPS NOT SHOWN.
   C. SIZE AND LOCATION OF SLAB OPENINGS AND/OR MECHANICAL SLEEVES. PROVIDE ADDITIONAL FRAMING IN ACCORDANCE WITH TYPICAL FLOOR OPENING DETAIL.
   D. EQUIPMENT PADS AND/OR SUPPORTS.
6. WORK THIS DRAWING WITH:
   A. GENERAL NOTES: 5600XX SERIES
   B. SUPERSTRUCTURE SECTIONS AND DETAILS: 5800XX SERIES
   C. CONCRETE SHEAR WALLS AND LATERAL BRACING: 5300XX SERIES
   D. COLUMN SCHEDULE: 5600XX SERIES
7. COLUMNS NOTED THUS (A) IN PLAN ARE ABOVE ONLY.
8. COLUMNS NOTED THUS (B) IN PLAN ARE BELOW ONLY.
9. FILLER BEAM LAYOUT IS BASED ON EQUAL SPACING BETWEEN COLUMN LINES, UNLESS NOTED OTHERWISE. COORDINATE WITH TYPICAL DETAILS AROUND OPENINGS.
10. "SW-#" ON PLAN INDICATES A CONCRETE SHEAR WALL. COORDINATE WITH TYPICAL DETAILS AND CONCRETE SHEAR WALL ELEVATIONS.
11. REFER TO ARCHITECTURAL DRAWING FOR EXTENT OF NEW CONSTRUCTION.
12. ALL DIMENSIONS ADJACENT TO EXISTING CONSTRUCTION SHALL BE VERIFIED.
13. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW.
14. DUCT AND PIPE PENETRATIONS AS REQUIRED PER MEP DRAWINGS. FRAME SLAB PENETRATIONS PER TYPICAL DETAIL 7 & 8/S501, CONTRACTOR SHALL COORD. & SUBMIT FINAL PENETRATION LAYOUT FOR REVIEW AND APPROVAL.
15. INFILL SLAB CONSTRUCTION SHALL BE 3-1/4" LIGHT WEIGHT CONCRETE ON 3"X20 GAUGE COMPOSITE METAL DECK (6-1/4" TOTAL THICKNESS). REINFORCE SLAB WITH 6X6- W1.4XW1.4 W.W.R. COORD. WITH DEMO DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO FABRICATION OF MATERIALS.

0' 4' 8' 16' 32'

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KEY PLAN

SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

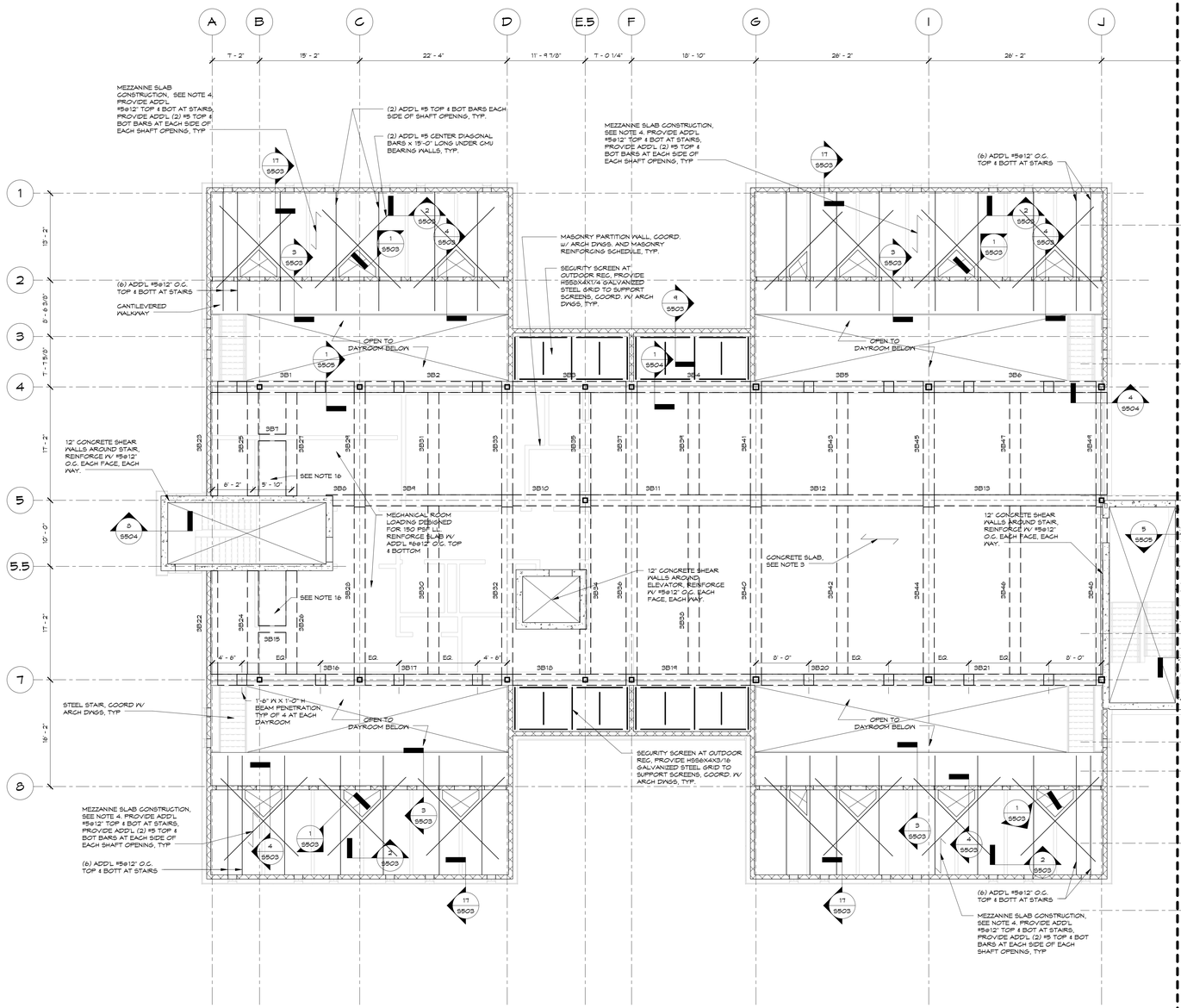
TITLE

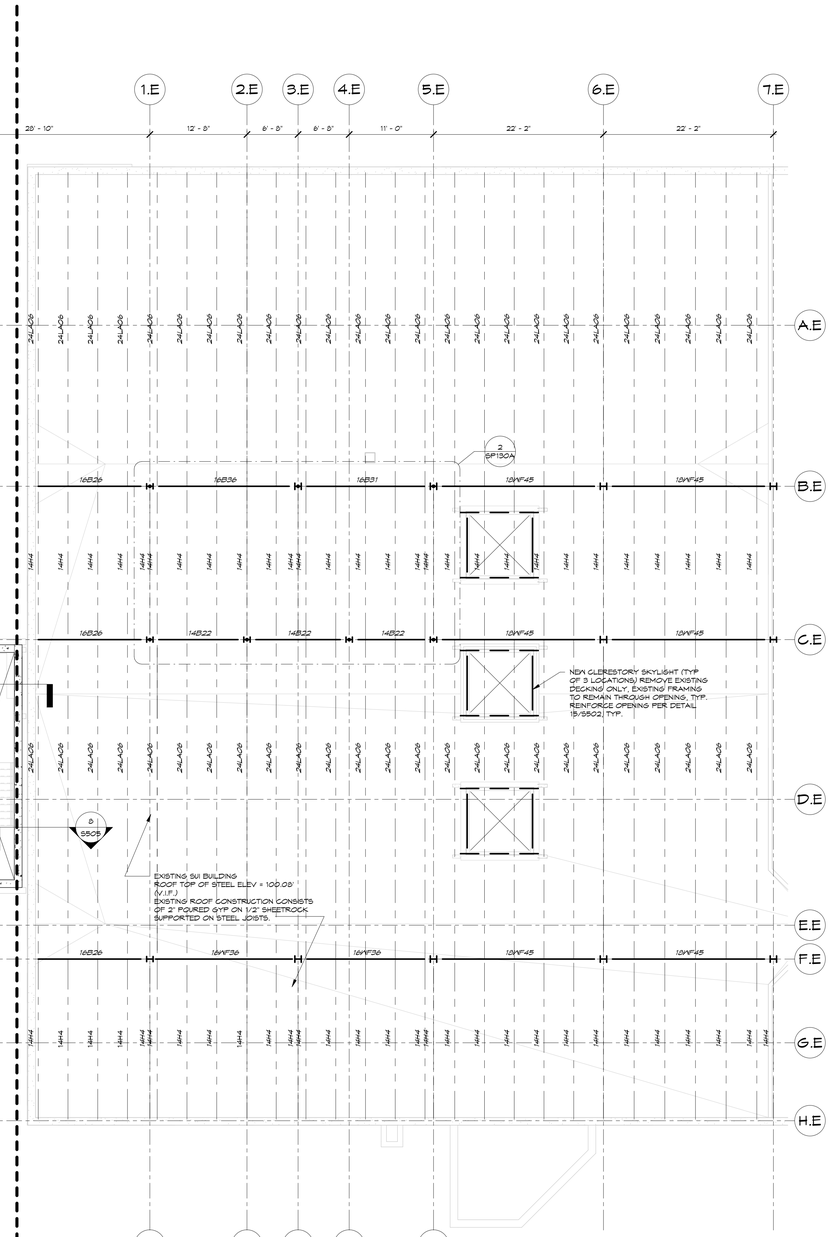
SECOND FLOOR FRAMING PLAN AREA B

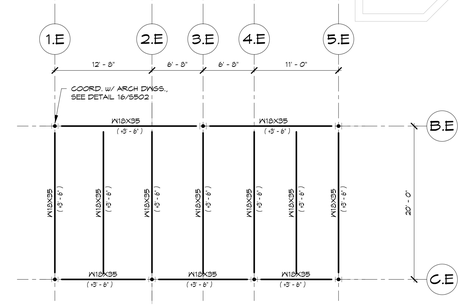
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

SP120B

SHEET NO.







N

1 THIRD FLOOR AND MEZZANINE FRAMING PLAN
1/8" = 1'-0"

THIRD FLOOR & MEZZANINE FRAMING PLAN NOTES:

1. TOP OF SLAB ELEVATION = +28.0' AS MEASURED FROM REFERENCE DATUM.
2. ELEVATIONS NOTED THUS (-0') IN PLAN ARE MEASURED FROM TOP OF SLAB ELEVATION.
3. UNLESS NOTED OTHERWISE, SLAB CONSTRUCTION SHALL BE 5" THICK NORMAL WEIGHT ONE-WAY CONVENTIONAL CAST-IN-PLACE CONCRETE SLAB. REINFORCE WITH A CONTINUOUS MAT OF #5@12" O.C. TOP AND BOTTOM EACH WAY. PROVIDE ADDITIONAL REINFORCING AS SHOWN ON PLAN. PROVIDE 2" LIGHT WEIGHT NON-STRUCTURAL CONCRETE TOPPING SLAB REINFORCED WITH 6X6 W1.4XW1.4 W.W.R.; COORDINATE WITH ARCHITECTURAL DRAWINGS FOR SLOPING OR RECESSES IN NON-STRUCTURAL CONCRETE TOPPING SLAB.
4. MEZZANINE SLAB CONSTRUCTION SHALL BE 6-1/2" NORMAL WEIGHT CONCRETE ON 1-1/2" (16 GA HAT / 18 GA PAN) ACOUSTICAL CELLULAR FORM DECK (5" TOTAL THICKNESS). REINFORCE SLAB WITH A CONTINUOUS MAT OF #5@12" O.C. TOP AND BOTTOM EACH WAY. PROVIDE ADDITIONAL REINFORCING AS SHOWN ON PLAN. CONTRACTOR SHALL SHORE DECK DURING CONSTRUCTION AS REQUIRED BY DECK MANUFACTURER.
5. ALL STEEL SHALL BE ASTM A992, UNLESS NOTED OTHERWISE.
6. SEE ARCHITECTURAL AND/OR MECHANICAL DRAWINGS FOR:
   A. LOCATION OF FLOOR DRAINS AND SLOPE OF FINISHED FLOOR.
   B. SIZE AND LOCATION OF SLAB OPENINGS AND/OR MECHANICAL SLEEVES. PROVIDE ADDITIONAL FRAMING IN ACCORDANCE WITH TYPICAL FLOOR OPENING DETAIL.
   C. EQUIPMENT PADS AND/OR SUPPORTS.
7. WORK THIS DRAWING WITH:
   A. GENERAL NOTES: S6XXX SERIES
   B. SUPERSTRUCTURE SECTIONS AND DETAILS: S5XX SERIES
   C. CONCRETE SHEAR WALLS AND LATERAL BRACING: S3XX SERIES
   D. COLUMN SCHEDULE: S6XX SERIES
8. COLUMNS NOTED THUS (A) IN PLAN ARE ABOVE ONLY.
9. COLUMNS NOTED THUS (B) IN PLAN ARE BELOW ONLY.
10. FILLER BEAM LAYOUT IS BASED ON EQUAL SPACING BETWEEN COLUMN LINES, UNLESS NOTED OTHERWISE. COORDINATE WITH TYPICAL DETAILS AROUND OPENINGS.
11. "SW-#" ON PLAN INDICATES A CONCRETE SHEAR WALL. COORDINATE WITH TYPICAL DETAILS AND CONCRETE SHEAR WALL ELEVATIONS.
12. ▶— ON PLAN INDICATES A MOMENT CONNECTION. COORDINATE WITH TYPICAL DETAILS.
13. REFER TO ARCHITECTURAL DRAWING FOR EXTENT OF NON CONSTRUCTION.
14. ALL DIMENSIONS ADJACENT TO EXISTING CONSTRUCTION SHALL BE VERIFIED.
15. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW.
16. DUCT AND PIPE PENETRATIONS AS REQUIRED PER MEP DRAWINGS. FRAME SLAB PENETRATIONS PER TYPICAL DETAIL 7 & 8/S501. CONTRACTOR SHALL COORD. & SUBMIT FINAL PENETRATION LAYOUT FOR REVIEW AND APPROVAL.

2 DUNNAGE PART PLAN
1/8" = 1'-0"

DUNNAGE FRAMING PLAN NOTES:

1. TOP OF STEEL ELEVATION = +31.0' AS MEASURED FROM REFERENCE DATUM.
2. ELEVATIONS NOTED THUS (-0') IN PLAN ARE MEASURED FROM TOP OF STEEL ELEVATION.
3. ALL STEEL SHALL BE GALVANIZED.
4. COORDINATE WITH MECHANICAL AND ARCHITECTURAL DRAWINGS FOR EQUIPMENT.
5. ALL DIMENSIONS ADJACENT TO EXISTING CONSTRUCTION SHALL BE VERIFIED.

0' 4' 8' 16' 32'
SCALE: 1/8" = 1' - 0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND
DESIGN DEVELOPMENT

SEAL
STATE OF MARYLAND
Hope Hughes Furrer
No. 10976
PROFESSIONAL ENGINEER

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN

SCALE
1/8" = 1'-0"

No.	Description	Date

REVISIONS

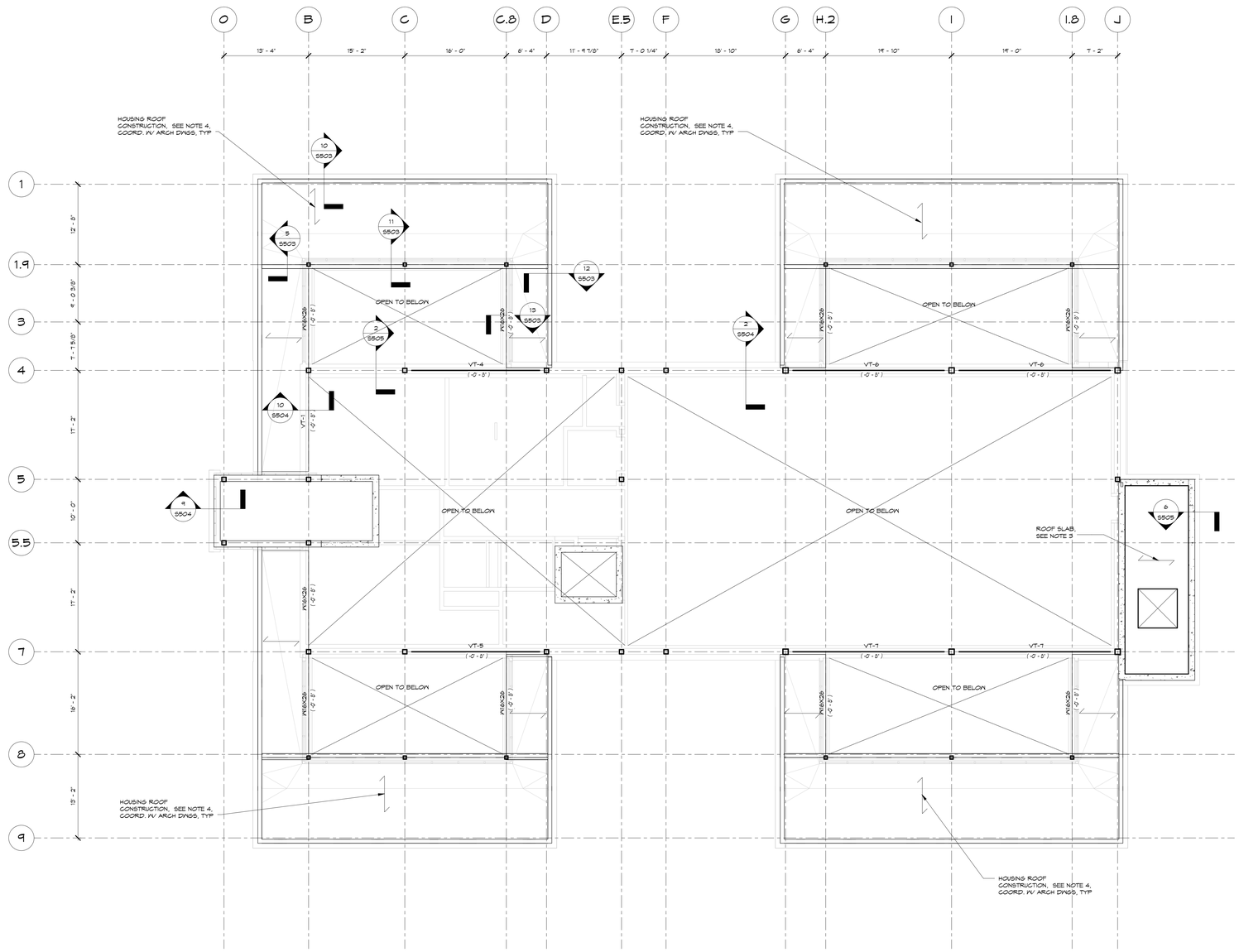
DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

TITLE
THIRD FLOOR & MEZZANINE FRAMING PLAN

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

SP130A

SHEET NO.



1 ROOF AND CLERESTORY FRAMING PLAN
1/8" = 1'-0"

ROOF & CLERESTORY FRAMING PLAN NOTES:

1. TOP OF STEEL ELEVATION = +38.67 AS MEASURED FROM REFERENCE DATUM.
2. ELEVATIONS NOTED THUS (-0") IN PLAN ARE MEASURED FROM TOP OF STEEL ELEVATION. SLOPE STEEL UNIFORMLY BETWEEN HIGH AND LOW POINTS.
3. ROOF SHALL BE 5" THICK NORMAL WEIGHT ONE-WAY CONVENTIONAL CAST-IN-PLACE CONCRETE SLAB. REINFORCE WITH A CONTINUOUS MAT OF #6@12" O.C. CENTER EACH WAY.
4. HOUSING ROOF CONSTRUCTION SHALL BE 6-1/2" NORMAL WEIGHT CONCRETE ON 1-1/2" (16 GA HAT / 18 GA PAN) ACOUSTICAL CELLULAR FORM DECK (8" TOTAL THICKNESS). REINFORCE SLAB WITH A CONTINUOUS MAT OF #5@12" O.C. TOP AND BOTTOM EACH WAY. PROVIDE ADDITIONAL REINFORCING AS SHOWN ON PLAN. CONTRACTOR SHALL SHORE DECK DURING CONSTRUCTION AS REQUIRED BY DECK MANUFACTURER.
5. ALL STEEL SHALL BE ASTM A992, UNLESS NOTED OTHERWISE.
6. ROOF JOISTS SHALL BE DESIGNED FOR NET UPLIFT OF 20 PSF.
7. ▶— IN PLAN INDICATES MOMENT CONNECTION.
8. "SW-#" ON PLAN INDICATES A CONCRETE SHEAR WALL. COORDINATE WITH TYPICAL DETAILS AND CONCRETE SHEAR WALL ELEVATIONS.
9. "VT-#" ON PLAN INDICATES A VERTICAL TRUSS. COORDINATE WITH TYPICAL DETAILS AND VERTICAL TRUSS ELEVATIONS.
10. SEE ARCHITECTURAL AND/OR MECHANICAL DRAWINGS FOR:
    A. LOCATION OF FLOOR DRAINS AND SLOPE OF FINISHED FLOOR.
    B. SIZE AND LOCATION OF SLAB OPENINGS AND/OR MECHANICAL SLEEVES.
11. WORK THIS DRAWING WITH:
    A. GENERAL NOTES: 5500XX SERIES
    B. SUPERSTRUCTURE SECTIONS AND DETAILS: 55XX SERIES
    C. LATERAL BRACING: 53XX SERIES
    D. COLUMN SCHEDULE: 56XX SERIES
12. COLUMNS NOTED THUS (A) IN PLAN ARE ABOVE ONLY.
13. COLUMNS NOTED THUS (B) IN PLAN ARE BELOW ONLY.
14. FILLER BEAM/JOIST LAYOUT IS BASED ON EQUAL SPACING BETWEEN COLUMN LINES, UNLESS NOTED OTHERWISE. COORDINATE WITH TYPICAL DETAILS AROUND OPENINGS.
15. REFER TO ARCHITECTURAL DRAWING FOR EXTENT OF NEW CONSTRUCTION.
16. ALL DIMENSIONS ADJACENT TO EXISTING CONSTRUCTION SHALL BE VERIFIED.
17. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW.

0' 4' 8' 16' 32'
SCALE: 1/8" = 1' - 0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
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R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

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KEY PLAN

SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

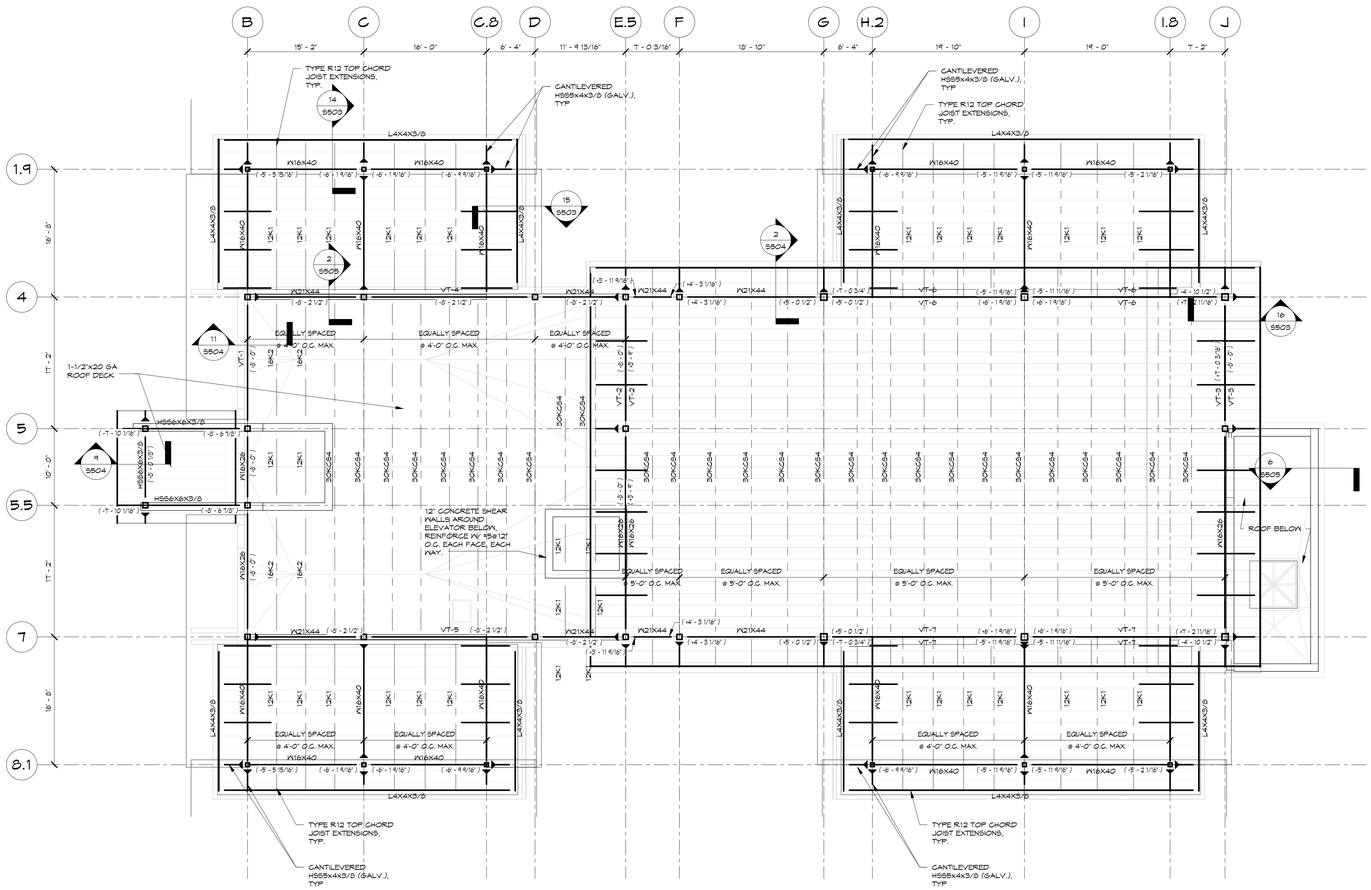
TITLE

ROOF & CLERESTORY FRAMING PLAN

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

SP140A

SHEET NO.



N

1 CLERESTORY ROOF FRAMING PLAN
1/8" = 1'-0"

CLERESTORY ROOF FRAMING PLAN NOTES:

1. TOP OF STEEL ELEVATION = +51.0' AS MEASURED FROM REFERENCE DATUM.
2. ELEVATIONS NOTED THUS (-0") IN PLAN ARE MEASURED FROM TOP OF STEEL ELEVATION. SLOPE STEEL UNIFORMLY BETWEEN HIGH AND LOW POINTS.
3. ROOF SHALL BE 1"X20 GA GALVANIZED TYPE 'A' ACOUSTICAL METAL DECK, UNLESS NOTED OTHERWISE.
4. HOUSING ROOF CONSTRUCTION SHALL BE 3"X20 GA GALVANIZED TYPE 'A' ACOUSTICAL METAL DECK.
5. ALL STEEL SHALL BE ASTM A992, UNLESS NOTED OTHERWISE.
6. ROOF JOISTS SHALL BE DESIGNED FOR NET UPLIFT OF 20 PSF.
7. ▶ IN PLAN INDICATES MOMENT CONNECTION.
8. "VT-#" ON PLAN INDICATES A VERTICAL TRUSS. COORDINATE WITH TYPICAL DETAILS AND VERTICAL TRUSS ELEVATIONS.
9. SEE ARCHITECTURAL AND/OR MECHANICAL DRAWINGS FOR:
   A. LOCATION OF FLOOR DRAINS AND SLOPE OF FINISHED FLOOR.
   B. SIZE AND LOCATION OF SLAB OPENINGS AND/OR MECHANICAL SLEEVES.
10. WORK THIS DRAWING WITH:
   A. GENERAL NOTES: S60XX SERIES
   B. SUPERSTRUCTURE SECTIONS AND DETAILS: S5XX SERIES
   C. LATERAL BRACING: S3XX SERIES
   D. COLUMN SCHEDULE: S6XX SERIES
11. COLUMNS NOTED THUS (B) IN PLAN ARE BELOW ONLY.
12. FILLER BEAM/JOIST LAYOUT IS BASED ON EQUAL SPACING BETWEEN COLUMN LINES, UNLESS NOTED OTHERWISE. COORDINATE WITH TYPICAL DETAILS AROUND OPENINGS.
13. REFER TO ARCHITECTURAL DRAWING FOR EXTENT OF NON CONSTRUCTION.
14. ALL DIMENSIONS ADJACENT TO EXISTING CONSTRUCTION SHALL BE VERIFIED.
15. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW.
16. COORDINATE JOIST LAYOUT AND BRIDGING WITH DUCT LOCATIONS AND SPECIFICATIONS. PERMANENT BRIDGING AND BRIDGING FOR GYM EQUIPMENT SHALL BE HORIZONTAL AT DUCTWORK LOCATIONS.

0' 4' 8' 16' 32'
SCALE: 1/8" = 1' - 0"

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KEY PLAN

SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

TITLE

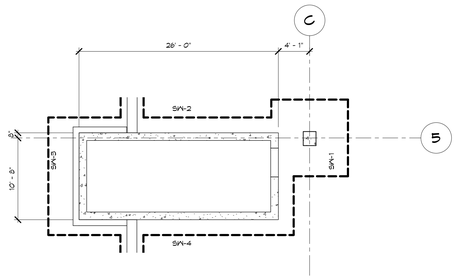
CLERESTORY ROOF FRAMING PLAN

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

SP150A

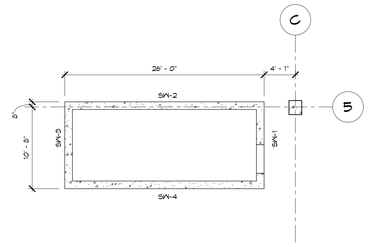
SHEET NO.

NOTE: CONTRACTOR SHALL COORDINATE ALL SHEAR WALL GEOMETRY AND OPENING DIMENSIONS, ELEVATIONS, LOCATIONS AND QUANTITY WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, IT, ETC. PROVIDE SHOP DRAWINGS SHOWING AND DIMENSIONING ALL PROPOSED SHEAR WALL PENETRATIONS. REINFORCE ALL OPENINGS PER TYPICAL DETAILS.



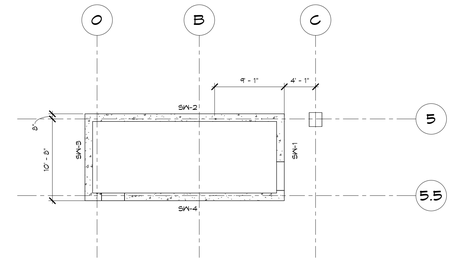
1 STAIR A FIRST FLOOR
1/8" = 1'-0"

CONCRETE SHEAR WALL NOTES:
1. COORDINATE WITH CONCRETE SHEAR WALL ELEVATIONS FOR REINFORCING AND OPENINGS.
2. COORDINATE WITH ARCHITECTURAL AND MEP DRAWINGS FOR ADDITIONAL OPENING LOCATIONS AND DIMENSIONS.
3. REINFORCE OPENINGS PER TYPICAL SHEAR WALL OPENING REINFORCING DETAIL.



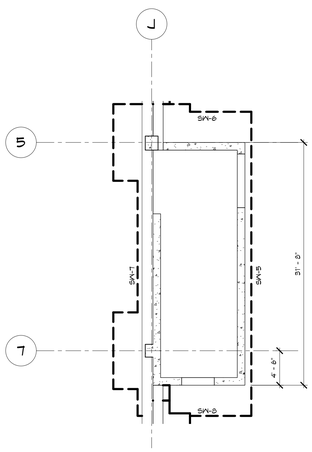
2 STAIR A SECOND FLOOR
1/8" = 1'-0"

CONCRETE SHEAR WALL NOTES:
1. COORDINATE WITH CONCRETE SHEAR WALL ELEVATIONS FOR REINFORCING AND OPENINGS.
2. COORDINATE WITH ARCHITECTURAL AND MEP DRAWINGS FOR ADDITIONAL OPENING LOCATIONS AND DIMENSIONS.
3. REINFORCE OPENINGS PER TYPICAL SHEAR WALL OPENING REINFORCING DETAIL.



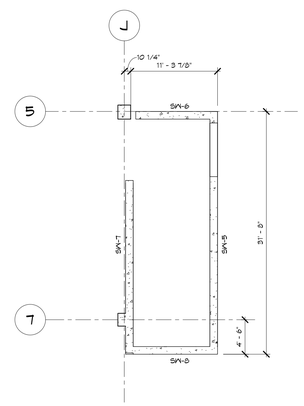
3 STAIR A THIRD FLOOR
1/8" = 1'-0"

CONCRETE SHEAR WALL NOTES:
1. COORDINATE WITH CONCRETE SHEAR WALL ELEVATIONS FOR REINFORCING AND OPENINGS.
2. COORDINATE WITH ARCHITECTURAL AND MEP DRAWINGS FOR ADDITIONAL OPENING LOCATIONS AND DIMENSIONS.
3. REINFORCE OPENINGS PER TYPICAL SHEAR WALL OPENING REINFORCING DETAIL.



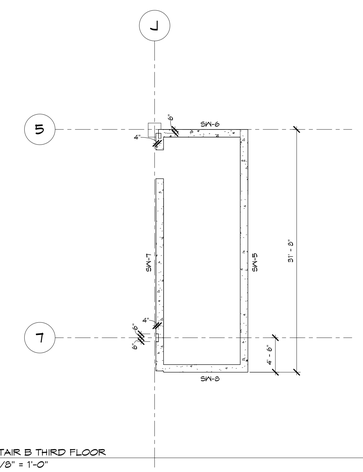
4 STAIR B FIRST FLOOR
1/8" = 1'-0"

CONCRETE SHEAR WALL NOTES:
1. COORDINATE WITH CONCRETE SHEAR WALL ELEVATIONS FOR REINFORCING AND OPENINGS.
2. COORDINATE WITH ARCHITECTURAL AND MEP DRAWINGS FOR ADDITIONAL OPENING LOCATIONS AND DIMENSIONS.
3. REINFORCE OPENINGS PER TYPICAL SHEAR WALL OPENING REINFORCING DETAIL.



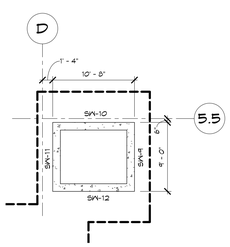
5 STAIR B SECOND FLOOR
1/8" = 1'-0"

CONCRETE SHEAR WALL NOTES:
1. COORDINATE WITH CONCRETE SHEAR WALL ELEVATIONS FOR REINFORCING AND OPENINGS.
2. COORDINATE WITH ARCHITECTURAL AND MEP DRAWINGS FOR ADDITIONAL OPENING LOCATIONS AND DIMENSIONS.
3. REINFORCE OPENINGS PER TYPICAL SHEAR WALL OPENING REINFORCING DETAIL.



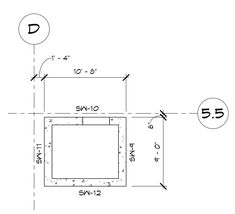
6 STAIR B THIRD FLOOR
1/8" = 1'-0"

CONCRETE SHEAR WALL NOTES:
1. COORDINATE WITH CONCRETE SHEAR WALL ELEVATIONS FOR REINFORCING AND OPENINGS.
2. COORDINATE WITH ARCHITECTURAL AND MEP DRAWINGS FOR ADDITIONAL OPENING LOCATIONS AND DIMENSIONS.
3. REINFORCE OPENINGS PER TYPICAL SHEAR WALL OPENING REINFORCING DETAIL.



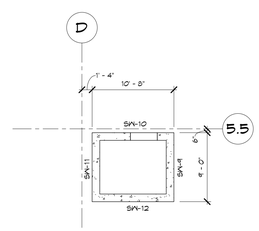
7 ELEVATOR FIRST FLOOR
1/8" = 1'-0"

CONCRETE SHEAR WALL NOTES:
1. COORDINATE WITH CONCRETE SHEAR WALL ELEVATIONS FOR REINFORCING AND OPENINGS.
2. COORDINATE WITH ARCHITECTURAL AND MEP DRAWINGS FOR ADDITIONAL OPENING LOCATIONS AND DIMENSIONS.
3. REINFORCE OPENINGS PER TYPICAL SHEAR WALL OPENING REINFORCING DETAIL.



8 ELEVATOR SECOND FLOOR
1/8" = 1'-0"

CONCRETE SHEAR WALL NOTES:
1. COORDINATE WITH CONCRETE SHEAR WALL ELEVATIONS FOR REINFORCING AND OPENINGS.
2. COORDINATE WITH ARCHITECTURAL AND MEP DRAWINGS FOR ADDITIONAL OPENING LOCATIONS AND DIMENSIONS.
3. REINFORCE OPENINGS PER TYPICAL SHEAR WALL OPENING REINFORCING DETAIL.



9 ELEVATOR THIRD FLOOR
1/8" = 1'-0"

CONCRETE SHEAR WALL NOTES:
1. COORDINATE WITH CONCRETE SHEAR WALL ELEVATIONS FOR REINFORCING AND OPENINGS.
2. COORDINATE WITH ARCHITECTURAL AND MEP DRAWINGS FOR ADDITIONAL OPENING LOCATIONS AND DIMENSIONS.
3. REINFORCE OPENINGS PER TYPICAL SHEAR WALL OPENING REINFORCING DETAIL.

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DESIGN DEVELOPMENT

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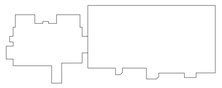
KEY PLAN



SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

TITLE

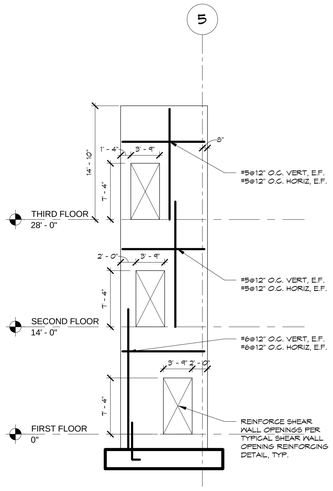
CONCRETE SHEAR WALL PLANS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

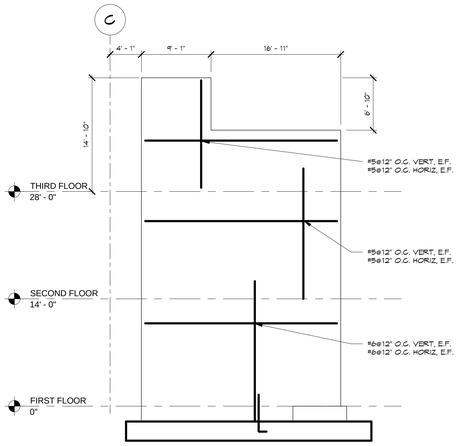
S300

SHEET NO.

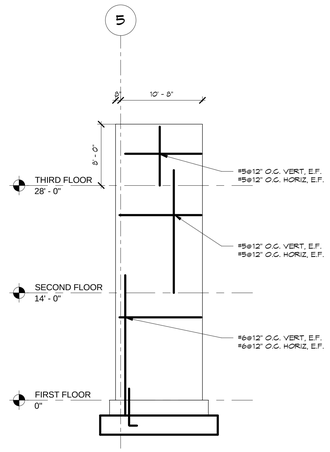
NOTE: CONTRACTOR SHALL COORDINATE ALL SHEAR WALL GEOMETRY AND OPENING DIMENSIONS, ELEVATIONS, LOCATIONS AND QUANTITY WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL PLUMBING, IT, ETC. PROVIDE SHOP DRAWINGS SHOWING AND DIMENSIONING ALL PROPOSED SHEAR WALL PENETRATIONS. REINFORCE ALL OPENINGS PER TYPICAL DETAILS.



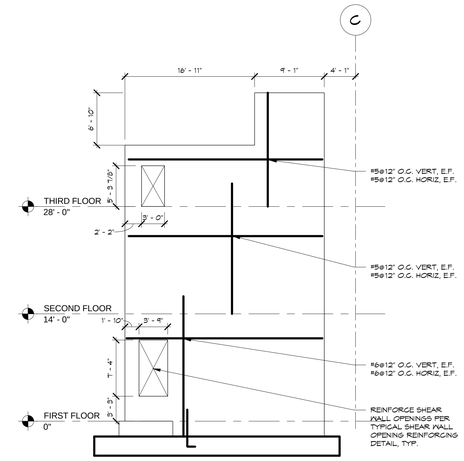
1 SW-1
1/8" = 1'-0"



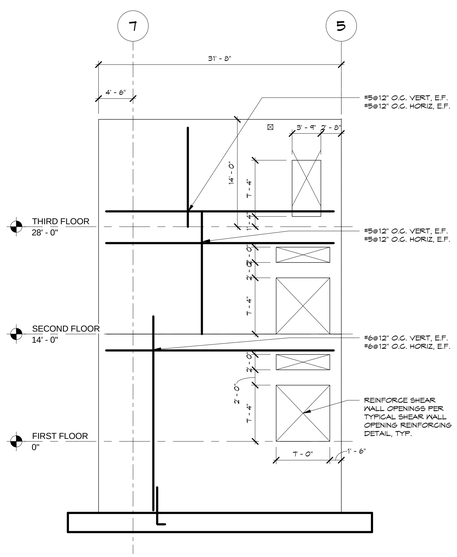
2 SW-2
1/8" = 1'-0"



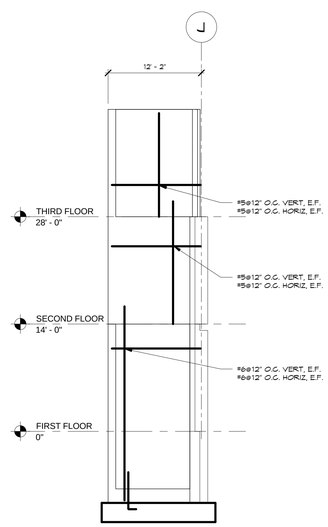
3 SW-3
1/8" = 1'-0"



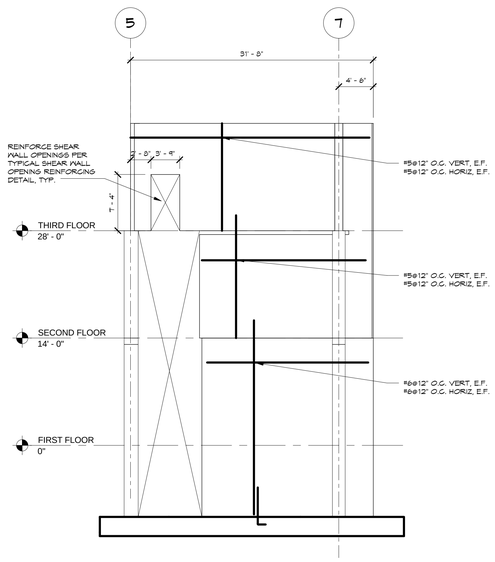
4 SW-4
1/8" = 1'-0"



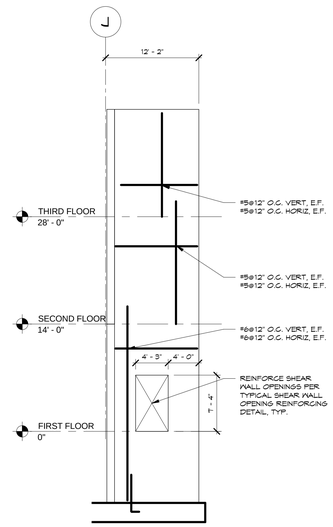
5 SW-5
1/8" = 1'-0"



6 SW-6
1/8" = 1'-0"



7 SW-7
1/8" = 1'-0"



8 SW-8
1/8" = 1'-0"

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PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

STATE OF MARYLAND
Hope Hughes Furrer
No. 10976
PROFESSIONAL ENGINEER

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN

SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

TITLE

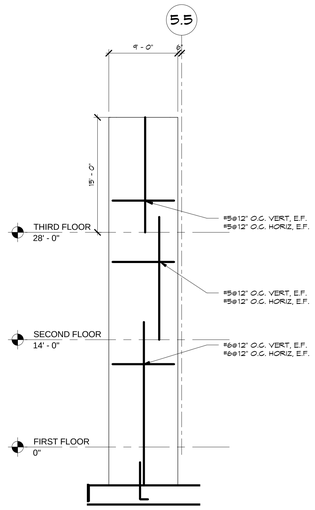
CONCRETE SHEAR WALL ELEVATIONS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

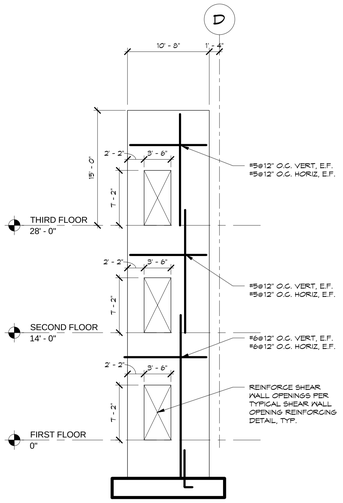
S301

SHEET NO.

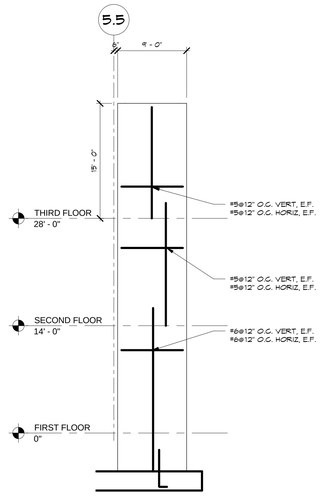
NOTE: CONTRACTOR SHALL COORDINATE ALL SHEAR WALL GEOMETRY AND OPENING DIMENSIONS, ELEVATIONS, LOCATIONS AND QUANTITY WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL PLUMBING, IT, ETC. PROVIDE SHOP DRAWINGS SHOWING AND DIMENSIONING ALL PROPOSED SHEAR WALL PENETRATIONS. REINFORCE ALL OPENINGS PER TYPICAL DETAILS.



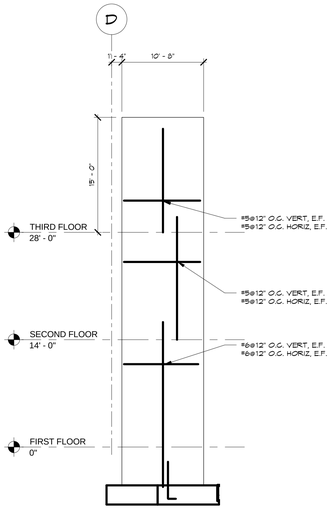
1 SW-9
1/8" = 1'-0"



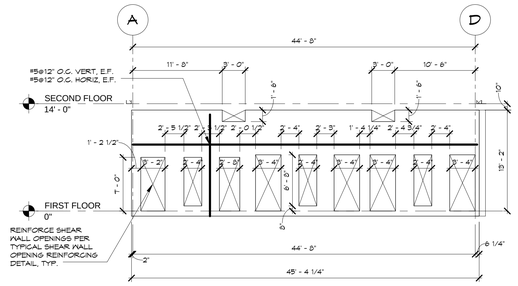
2 SW-10
1/8" = 1'-0"



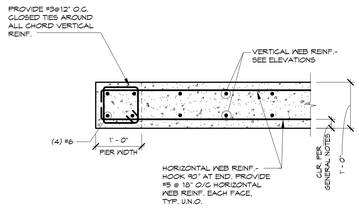
3 SW-11
1/8" = 1'-0"



4 SW-12
1/8" = 1'-0"



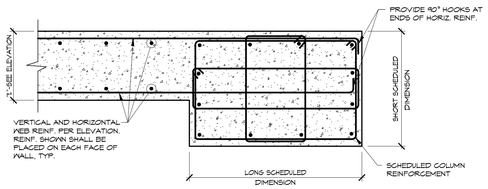
10 SW-13
1/8" = 1'-0"



NOTE:
1. ALL VERTICAL BAR CHORD AND WEB REINF. SPLICE TO BE A CLASS 'B' SPLICE.
2. PROVIDE 90° HOOKS AT ALL DISCONTINUOUS BAR ENDS.
3. PROVIDE END PIER REINFORCING AT ALL CORNERS AND END CONDITIONS, FULL HEIGHT.

DETAIL 5/S302 3/4" = 1'-0"

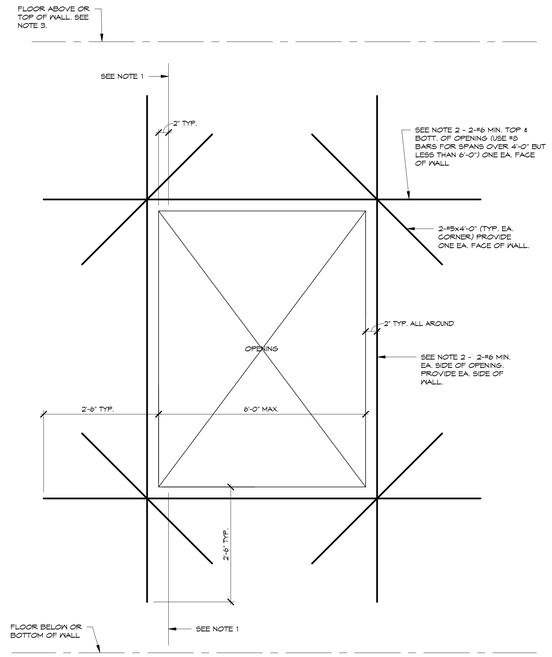
TYPICAL SHEARWALL REINFORCING PLAN



NOTE:
1. ALL VERTICAL BAR CHORD AND WEB REINF. SPLICE TO BE A CLASS 'B' SPLICE.
2. PROVIDE 90° HOOKS AT ALL DISCONTINUOUS BAR ENDS.
3. WEB REINFORCEMENT SHOWN IN ELEVATION IS REQUIRED IN EACH FACE (I.E. THERE ARE TWO LAYERS REINF.), TYP. U.N.O.
4. WHERE TIES IN CHORDS ARE NOT SHOWN, PROVIDE #3@12" O/C.
5. AT (SIM.) CONDITION, ORIANTATION OF WALL VERIES FROM THAT SHOWN.

DETAIL 6/S302 3/4" = 1'-0"

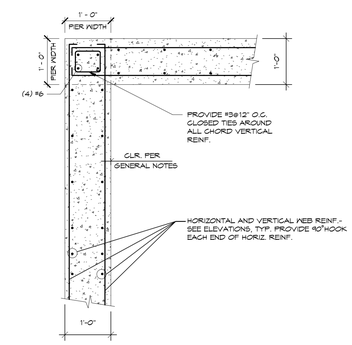
SHEARWALL REINFORCING AT COLUMN



NOTE:
1. WHERE EDGE OF OPENING IS 2'-6" OR LESS FROM TOP OR BOTTOM OF WALL, PROVIDE #3 @ 12" CLOSED STIRRUPS [ ]. HEIGHT OF STIRRUP SHALL EXTEND FROM TOP OF FLOOR SLAB TO TOP/BOTTOM OF OPENING FOR THE FULL LENGTH OF OPENING PLUS 1'-0" ON EITHER SIDE.
2. PROVIDE VERTICAL AND HORIZONTAL REINFORCING OF SAME SIZE + NUMBER AS BARS INTERUPTED BY OPENING. (PLACE 1/2 EA. SIDE OF OPENING).
3. BARS TERMINATING AT TOP OF WALL SHALL HAVE 90° HOOKS.

DETAIL 7/S302 3/4" = 1'-0"

TYPICAL SHEAR WALL OPENING REINFORCING DETAIL



1. ALL VERTICAL BAR CHORD AND WEB REINF. SPLICE TO BE A CLASS 'B' SPLICE.
2. PROVIDE 90° HOOKS AT ALL DISCONTINUOUS BAR ENDS.
3. PROVIDE END PIER REINFORCING AT ALL CORNERS AND END CONDITIONS, FULL HEIGHT.

DETAIL 8/S302 3/4" = 1'-0"

TYPICAL REINFORCING AT WALL CORNER

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

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BCDC YOUTH DETENTION CENTER

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

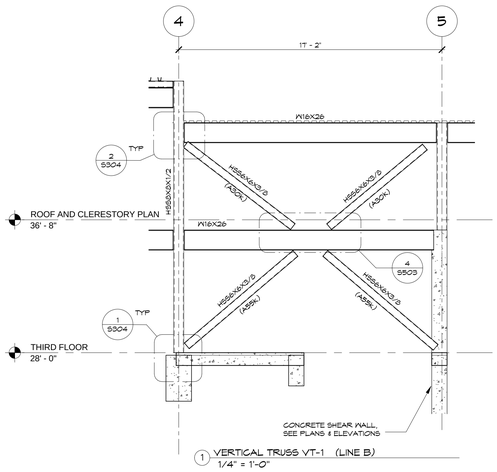
TITLE

CONCRETE SHEAR WALL ELEVATIONS AND TYPICAL DETAILS

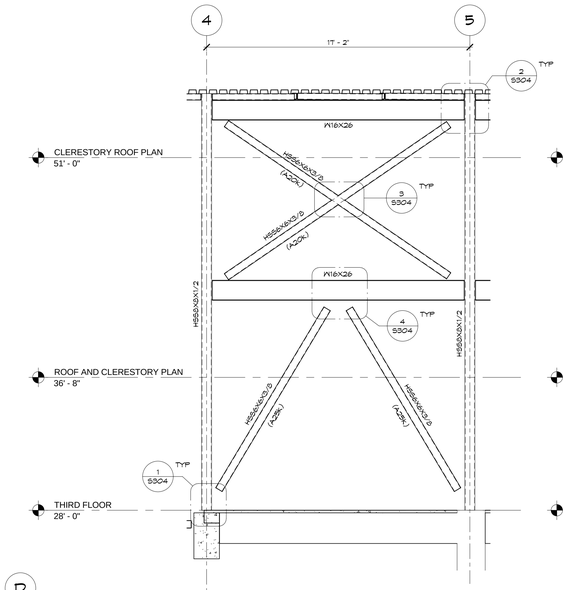
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

S302

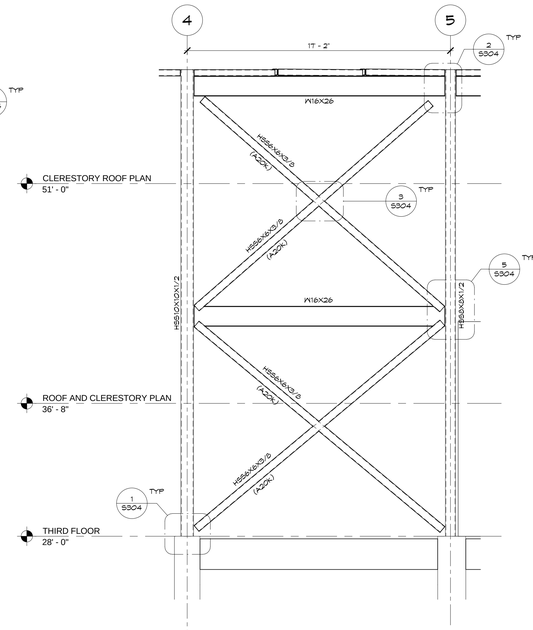
SHEET NO.



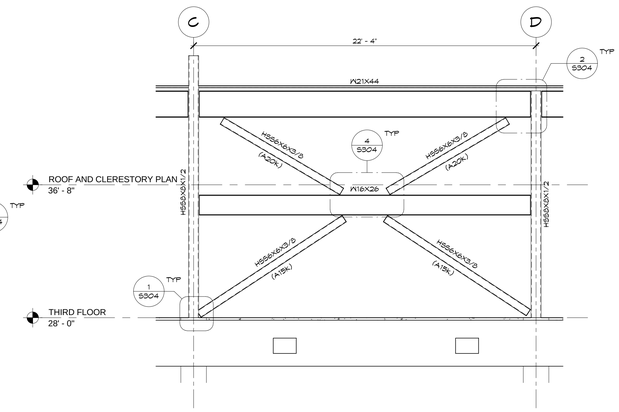
1 VERTICAL TRUSS VT-1 (LINE B)
1/4" = 1'-0"



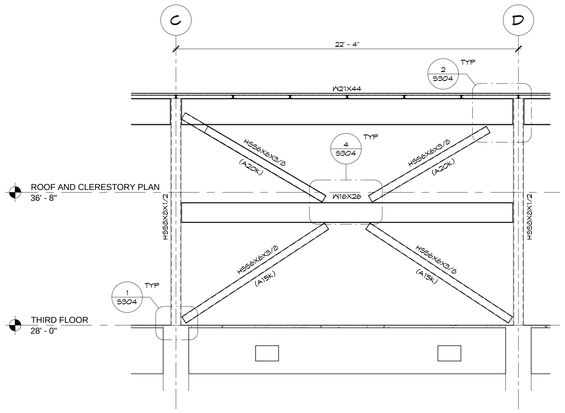
2 VERTICAL TRUSS VT-2 (LINE E.5)
1/4" = 1'-0"



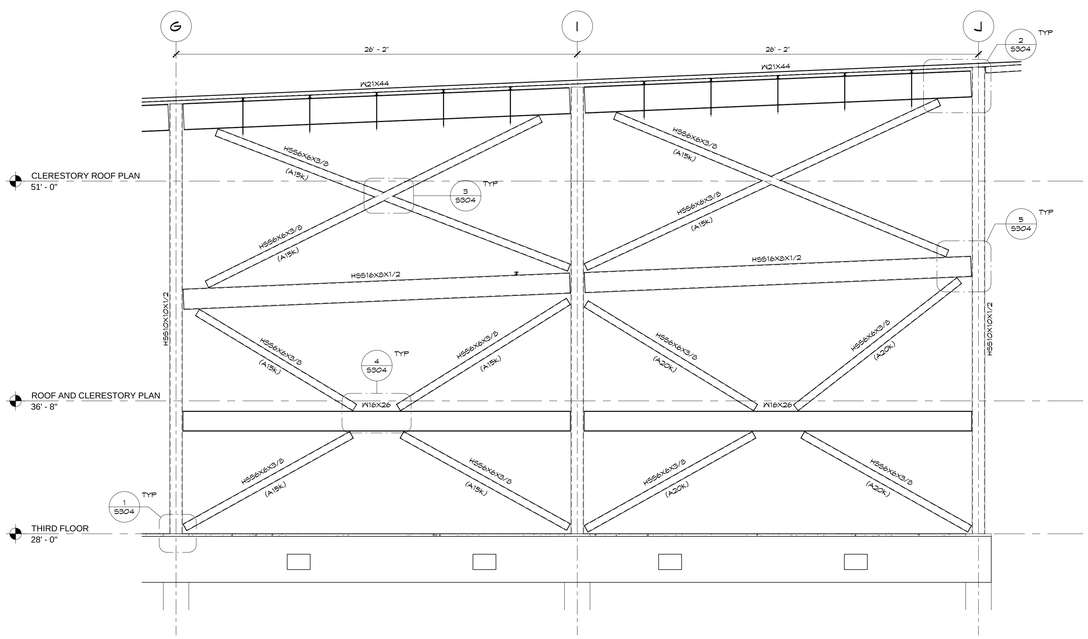
3 VERTICAL TRUSS VT-3 (LINE J)
1/4" = 1'-0"



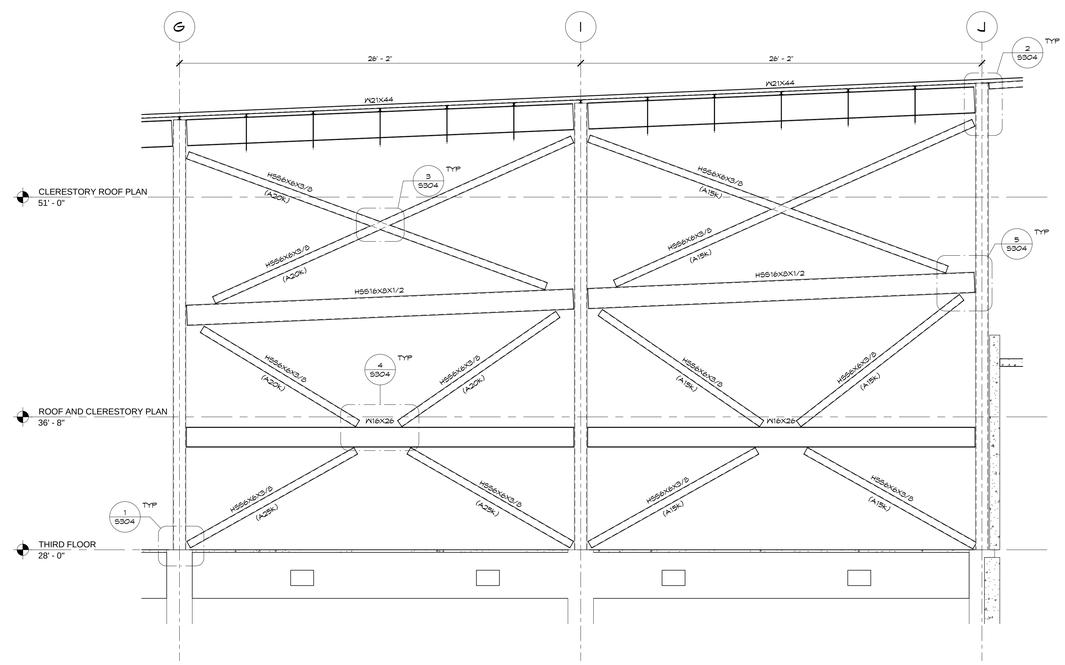
4 VERTICAL TRUSS VT-4 (LINE 4)
1/4" = 1'-0"



5 VERTICAL TRUSS VT-5 (LINE 7)
1/4" = 1'-0"



6 VERTICAL TRUSS VT-6 (LINE 4)
1/4" = 1'-0"



7 VERTICAL TRUSS VT-7 (LINE 7)
1/4" = 1'-0"

LATERAL BRACING NOTES:

1. BRACING CONNECTIONS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MARYLAND FOR THE FORCES NOTED ON ELEVATIONS AND DETAILS. SIGNED AND SEALED CALCULATIONS SHALL BE SUBMITTED WITH THE SHOP DRAWINGS FOR REVIEW. VERTICAL TRUSS SHOP DRAWINGS WILL NOT BE REVIEWED PRIOR TO THE RECEIPT OF SIGNED AND SEALED BRACING CALCULATIONS.
2. FORCES SHOWN IN THE PLANS, ELEVATIONS, AND DETAILS ARE MAXIMUM LOADS FROM LRFD LOAD COMBINATIONS IN SECTION 1605.2.1 OF THE INTERNATIONAL BUILDING CODE. ALL APPROPRIATE LOAD COMBINATIONS HAVE BEEN ACCOUNTED FOR IN THE DETERMINATION OF THESE LOADS. STRESS INCREASES FOR LOAD COMBINATIONS INCLUDING WIND AND GRAVITY ARE NOT PERMITTED UNLESS ALLOWED PER CODE. ASSUME LOADS ACT IN EITHER TENSION OR COMPRESSION. CONNECTIONS OF HORIZONTAL MEMBERS MUST ALSO BE DESIGNED FOR SHEAR PER THE GENERAL NOTES.
3. BOLT SIZE SHALL MATCH THAT SHOWN ON THE GENERAL NOTES. PROVIDE ONLY ONE GRADE OF BOLT FOR EACH BOLT DIAMETER TO BE USED IN THE CONNECTIONS.
4. THE NET AREA (REFER TO AISC MANUAL OF STEEL CONSTRUCTION, CHAPTER B) AT THE CONNECTION OF ANY BRACING MEMBER SHALL NOT BE LESS THAN 85 PERCENT OF THE GROSS CROSS SECTIONAL AREA OF THE MEMBER. ADDITIONAL PLATES SHALL BE ADDED AS REQUIRED TO MAINTAIN THE MINIMUM NET CROSS SECTIONAL AREA. PLATES SHALL EXTEND A MINIMUM DISTANCE EQUAL TO THE DEPTH OF THE MEMBER PAST THE LAST ROW OF BOLTS.
5. CONNECTIONS SHALL BE SYMMETRICAL ABOUT THE AXIS OF THE MEMBER CONNECTED.
6. STRENGTH OF BEAM CONNECTIONS SHALL BE DETAILED PER S9.001, UNLESS NOTED (Vxx) ON THE ELEVATION. BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM AXIAL FORCE OF 10 KIPS, UNLESS NOTED (Axx) ON ELEVATION.
7. FORCES SHOWN IN ELEVATIONS SHALL APPLY TO CONNECTIONS AT EACH END OF MEMBER.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

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Peter Stephen Farrar
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KEY PLAN

SCALE

1/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

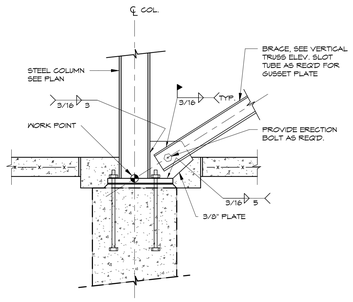
TITLE

VERTICAL TRUSS ELEVATIONS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

S303

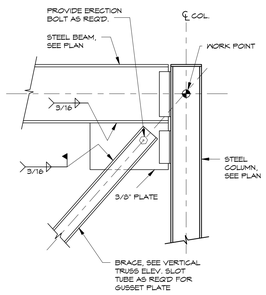
SHEET NO.



NOTE: COORDINATE WITH VERTICAL TRUSS ELEVATIONS FOR ACTUAL GEOMETRY. DETAIL MAY BE MIRRORED.

DETAIL 1/S304 3/4" = 1'-0"

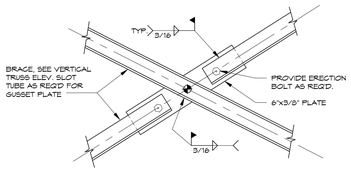
X-BRACING CONNECTION AT COLUMN BASE



NOTE: COORDINATE WITH VERTICAL TRUSS ELEVATIONS FOR ACTUAL GEOMETRY. DETAIL MAY BE MIRRORED.

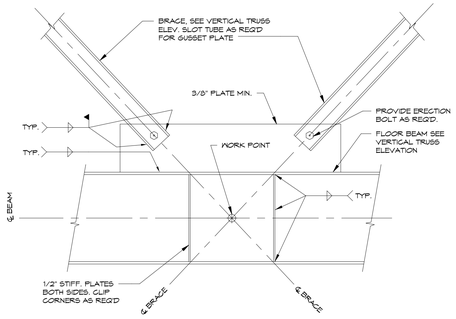
DETAIL 2/S304 3/4" = 1'-0"

X-BRACING CONNECTION AT ROOF BEAM (GIRDER OMITTED FOR CLARITY)



DETAIL 3/S304 3/4" = 1'-0"

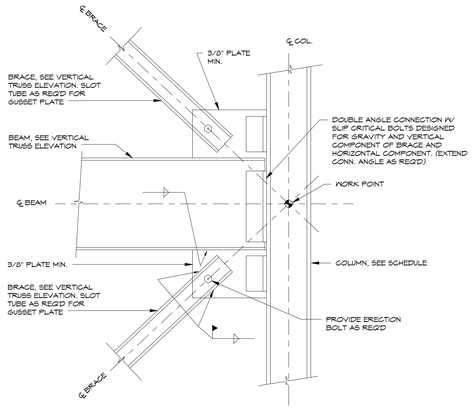
X-BRACING CONNECTION AT INTERSECTION



NOTE: COORDINATE WITH VERTICAL TRUSS ELEVATIONS FOR ACTUAL GEOMETRY. DETAIL MAY BE MIRRORED.

DETAIL 4/S304 3/4" = 1'-0"

CONCENTRIC K-BRACING CONNECTION



NOTE: COORDINATE WITH VERTICAL TRUSS ELEVATIONS FOR ACTUAL GEOMETRY. DETAIL MAY BE MIRRORED AND/OR ONE BRACE MAY NOT BE REQUIRED.

DETAIL 5/S304 3/4" = 1'-0"

CONCENTRIC K-BRACING CONNECTION

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

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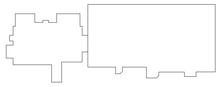


SCALE

3/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

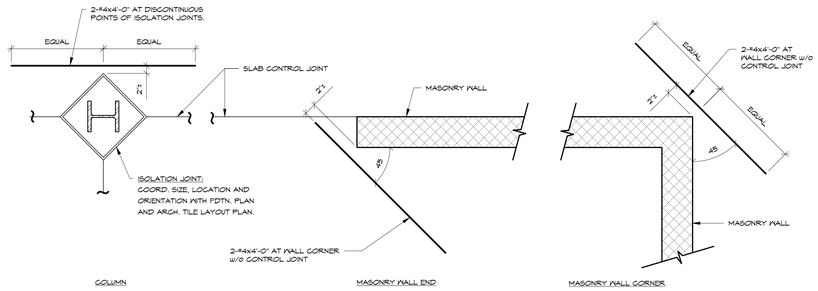
TITLE

VERTICAL TRUSS TYPICAL DETAILS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

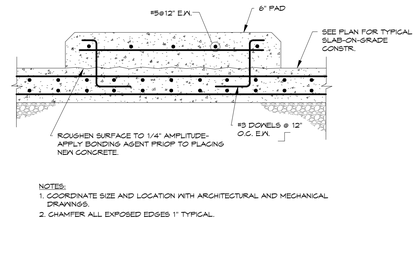
S304

SHEET NO.



DETAIL 1/S400 3/4" = 1'-0"

TYPICAL SLAB-ON-GRADE CRACK CONTROL BARS



NOTES:
1. COORDINATE SIZE AND LOCATION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
2. CHAMFER ALL EXPOSED EDGES 1" TYPICAL.

DETAIL 2/S400 3/4" = 1'-0"

EQUIPMENT PAD

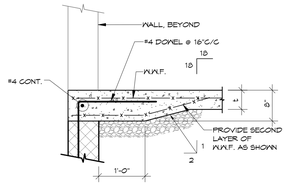
FOOTING SCHEDULE

TYPE	WIDTH	LENGTH	FOOTING THICKNESS	REINFORCING
F50	5' - 0"	5' - 0"	1'-6"	(5)-#5 BOTTOM EA. WAY
F70	7' - 0"	7' - 0"	1'-6"	(4)-#5 BOTTOM EA. WAY
F80	8' - 0"	8' - 0"	1'-8"	(4)-#7 BOTTOM EA. WAY
F90	9' - 0"	9' - 0"	2'-0"	(10)-#7 BOTTOM EA. WAY
F100	10' - 0"	10' - 0"	2'-0"	(11)-#7 BOTTOM EA. WAY
F110	11' - 0"	11' - 0"	2'-0"	(12)-#7 BOTTOM EA. WAY
F110X190	11' - 0"	19' - 0"	2' 0"	(13)-#7 LONG TOP & BOTTOM, (42)-#7 SHORT
F120	12' - 0"	12' - 0"	2'-0"	(13)-#7 BOTTOM EA. WAY

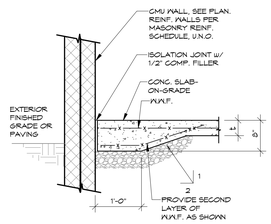
NON LOAD-BEARING WALL MASONRY REINFORCING REINFORCING SCHEDULE

HEIGHT	THICKNESS	REINFORCING			REMARKS
		INTERIOR	EXTERIOR		
			ZONE 4 (TYP WALL)	ZONE 5 (CORNERS)	
< 9 ft.	6"	#4 @ 48"	NOT PERMITTED	NOT PERMITTED	
	8"	NONE REQ'D	#4 @ 48"	#4 @ 48"	
	12"	NONE REQ'D	#4 @ 48"	#4 @ 48"	
9 ft. TO 12 ft.	6"	#4 @ 48"	NOT PERMITTED	NOT PERMITTED	
	8"	#4 @ 48"	#4 @ 48"	#4 @ 32"	
	12"	#4 @ 48"	#4 @ 48"	#4 @ 48"	
12 ft. TO 16 ft.	6"	#4 @ 24"	NOT PERMITTED	NOT PERMITTED	
	8"	#5 @ 48"	#5 @ 32"	#5 @ 24"	
	12"	#4 @ 48"	#4 @ 48"	#4 @ 32"	
16 ft. TO 20 ft.	8"	#4 @ 24"	NOT PERMITTED	NOT PERMITTED	
	12"	#5 @ 48"	#5 @ 48"	#5 @ 32"	
20 ft. TO 24 ft.	8"	#5 @ 24"	NOT PERMITTED	NOT PERMITTED	
	12"	#4 @ 24"	#5 @ 24"	#5 @ 16"	

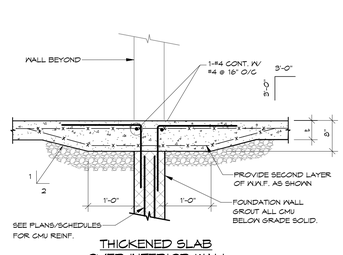
NOTES:
1. PROVIDE REINF. IN ALL MASONRY WALLS PER ABOVE SCHEDULE, UNLESS NOTED OTHERWISE IN PLAN OR SECTION. REINFORCING NOTED ON PLANS IS IN ADDITION TO MASONRY REINFORCING PER THE SCHEDULE UNLESS SPECIFICALLY NOTED OTHERWISE.
2. PROVIDE DOWELS TO FOOTING/FDTN. WALL OF SAME SIZE AND SPACING AS VERT. REINF. REFER TO "MASONRY LAP SPLICE LENGTH" SCHEDULE FOR LAP SPLICES.
3. REFER TO TYPICAL DETAILS FOR ADDITIONAL REINFORCING REQUIREMENTS, I.E. JAMB REINFORCING ADJACENT TO OPENINGS IN WALLS, ADDITIONAL CORNER REINFORCING, ETC.
4. GROUT CELLS WITH REINFORCING SOLID.
5. PROVIDE LAPS IN VERTICAL REINFORCING AS REQ'D. REFER TO "MASONRY LAP SPLICE LENGTH" SCHEDULE FOR REQ'D. SPLICE LENGTH.
6. ALL REINFORCING INDICATED IS TO BE CENTERED IN MASONRY WALL UNLESS NOTED OTHERWISE.
7. HEIGHT OF MASONRY IN TABLE REFERS TO THE VERTICAL CENTER TO CENTER DIMENSION BETWEEN LATERAL SUPPORTS FOR THE MASONRY. REFER TO THE PLANS & SECTIONS FOR ADDITIONAL INFORMATION.
8. ZONE 4 AND ZONE 5 NOTED IN SCHEDULE REFER TO INTERIOR ZONE AND END ZONES OF WALLS RESPECTIVELY AS DEFINED BY THE BUILDING CODE. SEE GENERAL NOTES FOR END ZONES DIMENSIONS, (ZONE 5) EXTENDS 15 FEET MINIMUM FROM BUILDING CORNERS, TYP.



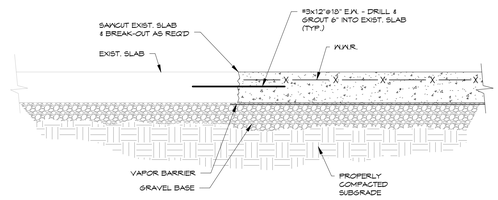
THICKENED SLAB AT EXTERIOR DOOR



THICKENED SLAB AT WALL



THICKENED SLAB OVER INTERIOR WALL



DETAIL 4/S400 3/4" = 1'-0"

TYPICAL SLAB ON GRADE REPAIR DETAIL

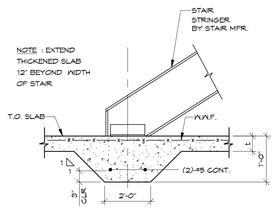
MASONRY LAP SPLICE LENGTH (in.)

Fy = 60,000 psi

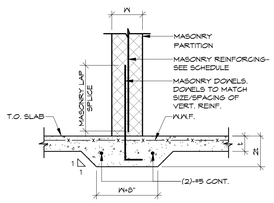
IBC 2107

BAR SIZE	NOMINAL CMU SIZE							
	6"		8"		10"		12"	
	GEN.	I.F.	GEN.	I.F.	GEN.	I.F.	GEN.	I.F.
f'm = 1,500 PSI								
3	16	19	16	19	16	19	16	19
4	21	34	21	34	21	34	21	34
5	32	53	26	53	16	53	26	53
6	M.S.	M.S.	43	M.S.	40	M.S.	63	M.S.
7	N/A	N/A	M.S.	M.S.	M.S.	M.S.	M.S.	M.S.
8	N/A	N/A	M.S.	M.S.	M.S.	M.S.	M.S.	M.S.
9	N/A	N/A	N/A	N/A	M.S.	M.S.	M.S.	M.S.

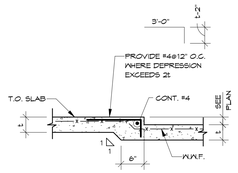
NOTES:
GEN. = BARS CENTERED IN THE WALL.
I.F. = BARS ON INSIDE OR OUTSIDE FACE OF WALL.
M.S. = MECHANICAL SPLICE.
1. MECHANICAL SPLICES MAY BE SUBSTITUTED FOR THE ABOVE, PROVIDED BARS ARE CONNECTED TO DEVELOP TENSION OR COMPRESSION, AS REQUIRED, AT LEAST 125% OF THE SPECIFIED YIELD STRENGTH.
2. MASONRY LAP SPLICE LENGTHS INDICATED IN THE SCHEDULE ARE BASED ON THE FOLLOWING:
   A. 2009 INTERNATIONAL BUILDING CODE.
   B. ACI 530 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES".
   C. ASTM C-90 CONCRETE MASONRY DIMENSIONS, MINIMUM FACE SHELL, AND MINIMUM WEB THICKNESS.
   D. MAXIMUM OF ONE BAR PER CELL, AND CELLS GROUTED AT REINFORCEMENT LOCATIONS ONLY.
3. COMPLY WITH ACI 530 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" FOR REINFORCING PLACEMENT, COVER, AND GROUTING REQUIREMENTS.
4. LAP LENGTH SHALL BE BASED ON THE LARGER BAR DIAMETER BEING LAPPED.



THICKENED SLAB UNDER STAIRS



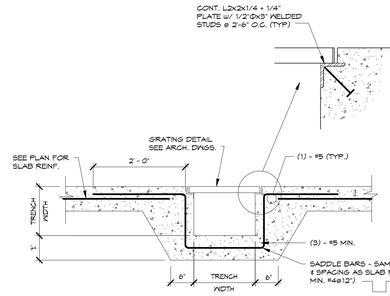
THICKENED SLAB UNDER MASONRY PARTITION WALLS



SLAB DEPRESSION

DETAIL 3/S400 3/4" = 1'-0"

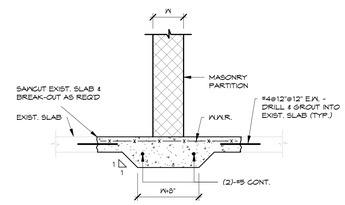
TYPICAL SLAB-ON-GRADE DETAILS



NOTE: SEE PLAN FOR SIZE & LOCATION

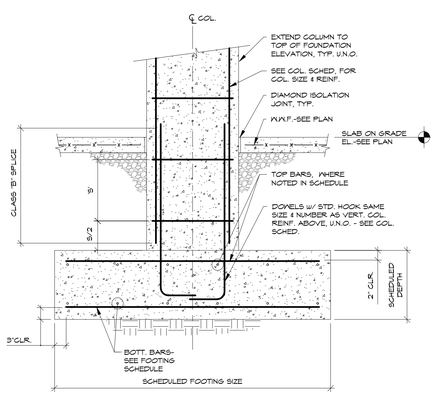
DETAIL 5/S400 3/4" = 1'-0"

TYPICAL TRENCH DRAIN



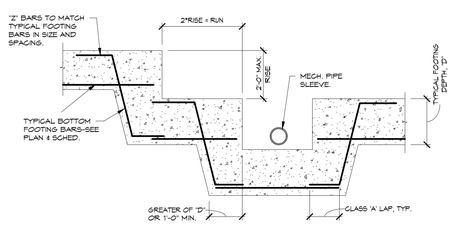
DETAIL 6/S400 3/4" = 1'-0"

THICKENED SLAB UNDER MASONRY PARTITION WALLS AT EXISTING SLAB ON GRADE



DETAIL 7/S400 3/4" = 1'-0"

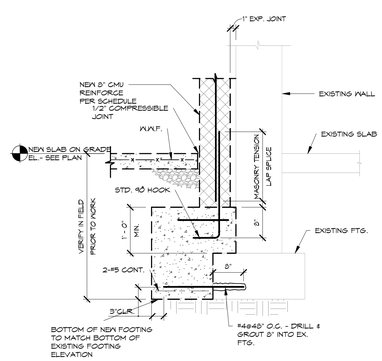
TYPICAL CONCRETE COLUMN & FOOTING



NOTES:
1. TYP. STEP FOOTING AS INDICATED IN PLAN AND AS REQ'D TO PASS UNDER MECH. PIPES. COORD. LOCATION w/ CIVIL & MECH. DRAWINGS.
2. TRANSVERSE BARS NOT SHOWN FOR CLARITY.
3. TOP BARS ARE NOT SHOWN, WHERE TOP BARS OCCUR, PROVIDE "Z" TOP BARS AT STEP IN ADDITION TO THAT SHOWN.

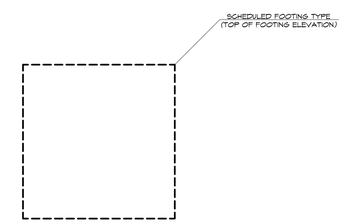
DETAIL 8/S400 3/4" = 1'-0"

TYPICAL STEP FOOTING DETAIL



DETAIL 9/S400 3/4" = 1'-0"

NEW FOUNDATION AT EXISTING WALL



DETAIL 10/S400 3/4" = 1'-0"

TYPICAL SPREAD FOOTING DESIGNATION

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 MCCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115
TERRALOGOS ECO ARCHITECTURE.PC
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND
DESIGN DEVELOPMENT

SEAL

STATE OF MARYLAND
Hope Hughes Furrer
No. 10976
PROFESSIONAL ENGINEER

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN

SCALE

3/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

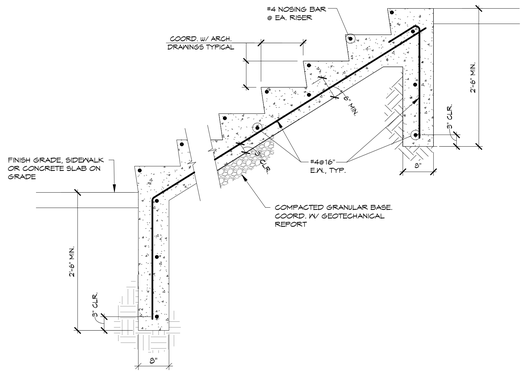
TITLE

FOUNDATION TYPICAL DETAILS

PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

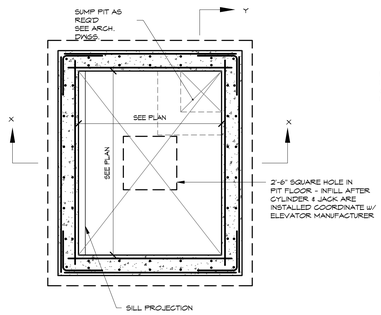
S400

SHEET NO.

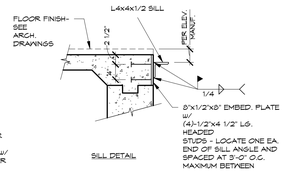


DETAIL 1/S401 3/4" = 1'-0"

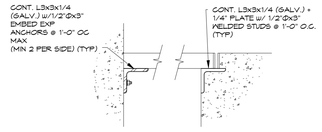
TYPICAL EXTERIOR STAIR-ON-GRADE



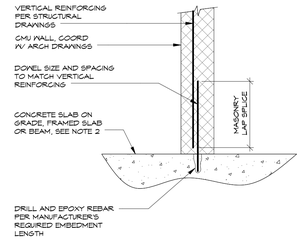
PLAN



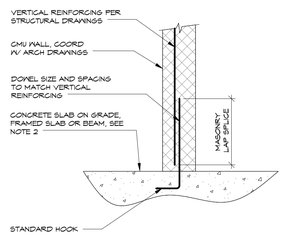
SILL DETAIL



GRATE DETAIL



EPOXY INSTALLATION

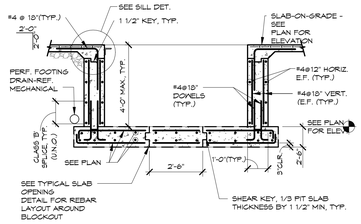


HOOKED BAR INSTALLATION

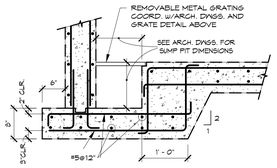
NOTE:
1. INSTALLATION METHODS SHOWN ARE BOTH ACCEPTABLE AND SHALL BE AT CONTRACTOR'S OPTION AT NEW SLAB CONSTRUCTION. SUBMIT SHOP DRAWINGS TO CLEARLY INDICATE WHICH METHOD IS BEING INSTALLED. EPOXY INSTALLATION METHOD IS REQUIRED AT NEW CMU WALLS ON EXISTING SLAB CONSTRUCTION.
2. FOR EPOXY INSTALLATION, BASE MATERIAL DEPTH SHALL BE A MINIMUM OF 1.5x REQUIRED EMBED DEPTH, OR AS REQUIRED BY THE MANUFACTURER, WHEN BASE MATERIAL DEPTH DOES NOT MEET THIS CRITERIA, CONTRACTOR MUST INSTALL PER HOOKED BAR INSTALLATION.

DETAIL 3/S401 3/4" = 1'-0"

TYPICAL CMU WALL DOWELS



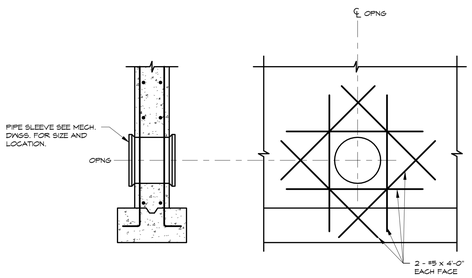
SECTION X-X



SECTION Y

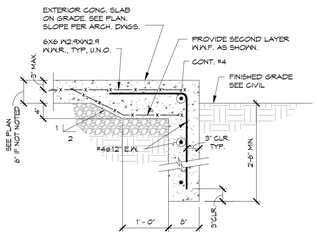
DETAIL 2/S401 3/4" = 1'-0"

HYDRAULIC ELEVATOR PIT



DETAIL 4/S401 3/4" = 1'-0"

UTILITY PIPE THROUGH WALL



DETAIL 5/S401 3/4" = 1'-0"

TYPICAL FROST WALL DETAIL

TENSION LAP SPLICE & TENSION DEVELOPMENT LENGTH SCHEDULE
Fy = 60 KSI

(ACI 318-05)

	BAR SIZE	VERTICAL & BOTTOM BARS			TOP BARS *		
		L_D	L_A	L_B	L_{DT}	L_{AT}	L_{BT}
f'c = 3,000 PSI	3	25	25	32	32	32	42
	4	33	33	43	43	43	56
	5	41	41	54	54	54	70
	6	50	50	64	64	64	84
	7	72	72	94	94	94	122
	8	82	82	107	107	107	138
	9	93	93	121	121	121	157
	10	105	105	136	136	136	177
	11	116	116	151	151	151	196
	14	138	--	--	181	--	--
	18	186	--	--	241	--	--
f'c = 4,000 PSI OR GREATER	3	22	22	28	28	28	36
	4	29	29	37	37	37	48
	5	36	36	47	47	47	60
	6	43	43	56	56	56	72
	7	63	63	81	81	81	106
	8	71	71	93	93	93	121
	9	81	81	105	105	105	136
	10	91	91	118	118	118	153
	11	101	101	131	131	131	170
	14	121	--	--	157	--	--
	18	161	--	--	209	--	--

* HORIZONTAL BARS WITH MORE THAN 12" OF CONC. BELOW

NOTES:

1. ALL LAP SPLICES SHALL BE L OR L_A , U.N.O.
2. L DL DT STRAIGHT TENSION DEV. LENGTH IN INCHES.
   L A L AT CLASS A TENSION LAP SPLICE LENGTH IN INCHES.
   L B L BT CLASS B TENSION LAP SPLICE LENGTH IN INCHES.
3. SPLICE AND DEVELOPMENT LENGTHS INDICATED ARE FOR WORST CASE SITUATIONS, WITH NO LIMITS ON COVER OR BAR SPACING.
4. CONTRACTOR MAY REDUCE SCHEDULED LENGTHS IN ACCORDANCE WITH CH. 12 OF ACI 318 CODE TO ACCOUNT FOR ACTUAL BAR SPACING, AMOUNT OF COVER, AND ENCLOSING TRANSVERSE REINFORCEMENT. THE SHOP DRAWINGS SHALL CLEARLY SHOW ALL SPLICE AND DEVELOPMENT LENGTHS WHICH DIFFER FROM THIS SCHED.
5. INCREASE LENGTHS 30% FOR LIGHTWEIGHT CONCRETE.
6. INCREASE LENGTHS 50% FOR EPOXY COATED REINF., EXCEPT FOR TOP BARS, INCREASE 30%.
7. LAP LENGTH SHALL BE BASED ON THE LARGER BAR DIAMETER BEING LAPPED.
8. IF THE REQ'D f'c IS NOT INCLUDED IN THE ABOVE SCHEDULE, USE THE NEXT LOWEST f'c TO DETERMINE BAR DEVELOPMENT LENGTH.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
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HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

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KEY PLAN

SCALE

3/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

TITLE

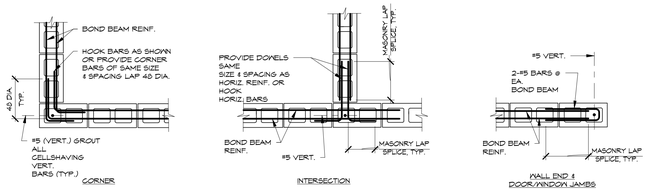
FOUNDATION TYPICAL DETAILS

PSA-DEWBERRY PROJECT NO. 50061725

DPSCS CONTRACT NO. KT-000-150-C01

S401

SHEET NO.

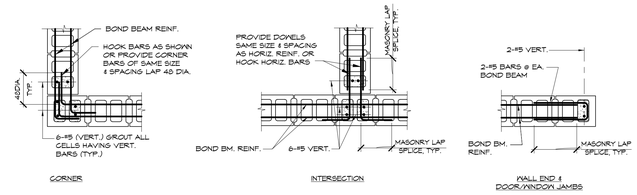


NOTES:
1. CORNERS AND INTERSECTIONS
UNLESS OTHERWISE NOTED OR SPECIFIED, AT POINTS WHERE CONCRETE MASONRY WALLS MEET OR INTERSECT, LAY 50% OF
UNITS IN MASONRY BOND WITH ALTERNATE UNITS HAVING A BEARING ON NOT LESS THAN 4 INCHES ON THE UNIT BELOW

2. DOWELS
UNLESS OTHERWISE NOTED OR SPECIFIED, PROVIDE DOWELS FROM CONCRETE FOOTING OR WALL BELOW WITH SAME SIZE AND SPACING AS VERTICAL BARS AT LEVEL BELOW. LAP 48 BAR DIAMETERS MINIMUM U.N.O.

DETAIL 1/S402 3/4" = 1'-0"

TYPICAL 6", 8" & 10" MASONRY WALL DETAILS



NOTES:
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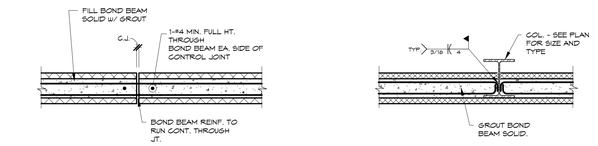
2. DOWELS
UNLESS OTHERWISE NOTED OR SPECIFIED, PROVIDE DOWELS FROM CONCRETE FOOTING OR WALL BELOW WITH SAME SIZE AND SPACING AS VERTICAL BARS AT LEVEL BELOW. LAP 48 BAR DIAMETERS MINIMUM U.N.O.

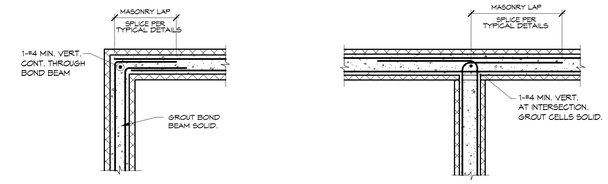
DETAIL 2/S402 3/4" = 1'-0"

TYPICAL 12", 14" & 16" MASONRY WALL DETAILS



TYPICAL BOND BEAM CONTROL JOINT

TYPICAL BOND BEAM AT COLUMN

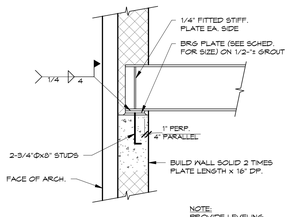


TYPICAL BOND BEAM CORNER

TYPICAL BOND BEAM INTERSECTION

DETAIL 3/S402 3/4" = 1'-0"

TYPICAL BOND BEAM DETAILS



NOTE:
PROVIDE LEVELING PLATE AS REQUIRED

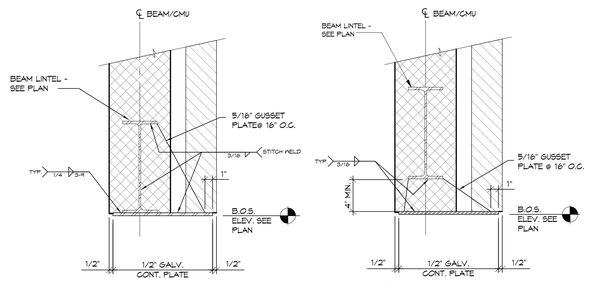
BEARING PL SCHEDULE	
TYPE	SIZE
BP-1	6"x1/2"x6"
BP-2	6"x3/4"x10"
BP-3	7"x3/4"x1'-0"
BP-4	10"x1"x1'-2"
BP-5	7"x1"x1'-4"

NOTE:
PROVIDE BEARING PLATE BP-1 FOR ALL STEEL BEAMS BRG. ON MASONRY, INCLUDING BEAM LINTELS, U.N.O. IN PLAN OR SECTION.

NOTES:
1. WHERE BEAM IS PERPENDICULAR TO WALL, PROVIDE BOND BEAM IMMEDIATELY BELOW BEARING ELEVATION (CONTINUOUS), REINF. W/(2)-#5 CONT. + GROUT SOLID.

DETAIL 4/S402 3/4" = 1'-0"

TYPICAL BEAM BEARING ON MASONRY WALL



NOTE:
PROVIDE GUSSET PLATE'S WHEN PLATE CANTILEVER EXCEEDS 3".

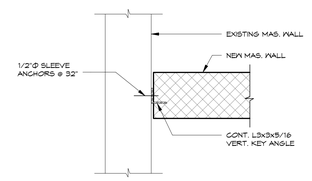
UNRATED WALL/PARTITION

NOTE:
PROVIDE GUSSET PLATE'S WHEN PLATE CANTILEVER EXCEEDS 3".

FIRE RATED WALL

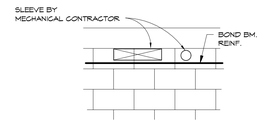
DETAIL 5/S402 3/4" = 1'-0"

TYPICAL BEAM LINTEL

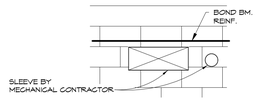


DETAIL 6/S402 3/4" = 1'-0"

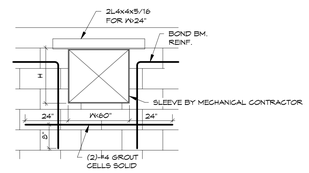
TYPICAL KEY ANGLE AT EXISTING MASONRY WALL



DUCT OR PIPE SLEEVE ABOVE BOND BM. REINF.



DUCT OPENING BELOW BOND BEAM, W< 30"



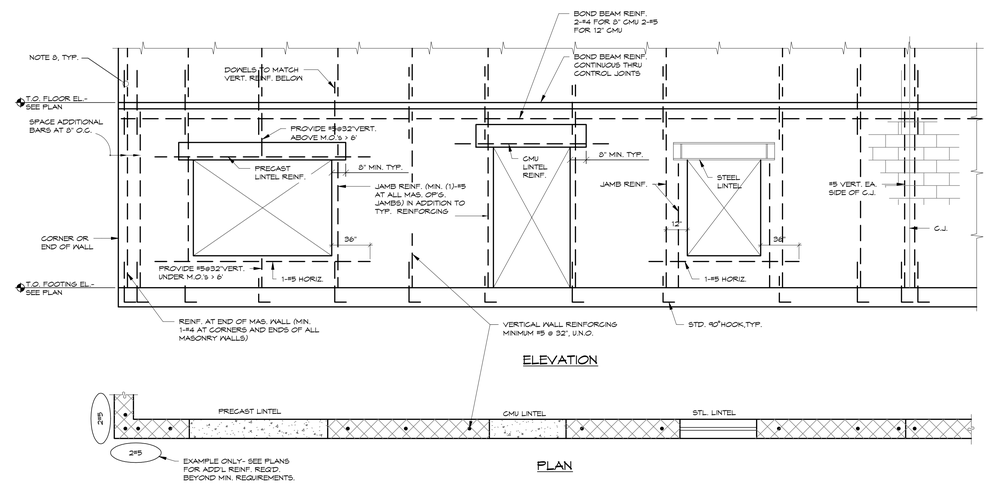
DUCT OPENING THRU BOND BEAM, W< 60"

PIPE & DUCT PENETRATIONS THRU MASONRY WALLS

NOTE:
1. PROVIDE 12" OF MASONRY BETWEEN ADJACENT DUCT PENETRATIONS.
2. MECHANICAL OPENINGS IN MASONRY WALLS LARGER THAN 60" NOT SHOWN ON THE STRUCTURAL DRAWINGS, SHALL NOT BE PLACED WITHOUT WRITTEN PERMISSION/FRAMING RECOMMENDATIONS FROM THE STRUCTURAL ENGINEER NOT SHOWN ON THE STRUCTURAL DRAWINGS.

DETAIL 10/S402 3/4" = 1'-0"

TYPICAL MASONRY WALL REINFORCING AT OPENINGS

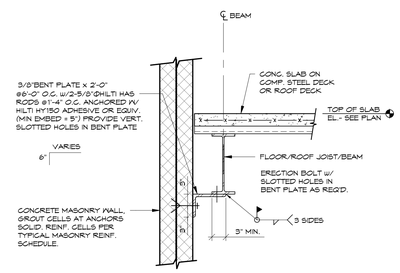


TYPICAL MASONRY WALL REINFORCING DETAILS

1. PROVIDE HORIZONTAL JOINT REINFORCING AT 8" O.C. IN FOUNDATION WALLS AND PARAPET WALLS. PROVIDE HORIZONTAL JOINT REINFORCING AT 16" O.C. IN ALL OTHER WALLS, U.N.O. SEE GENERAL NOTES ON DRAWING S0.1 FOR ADDITIONAL INFORMATION.
2. GROUT CELLS AT REINFORCING ONLY, U.N.O. IN ARCH. DRAWINGS
3. GROUT JAMBS OF MASONRY OPENINGS SOLID FOR FULL HEIGHT BENEATH LINTELS AND BEAMS.
4. PROVIDE FOOTING DOWELS TO MATCH VERTICAL WALL REINF.
5. WHERE NOT NOTED, PROVIDE 2-#5 CONT. BOND BEAM REINF.
6. WHERE REINF. IS NOT NOTED ON PLAN OR SECTION, REINF. PER " MASONRY REINFORCING SCHEDULE"
7. ALL CELLS WITH REINFORCING SHALL BE GROUTED SOLID.
8. LAP BARS PER MASONRY LAP SCHEDULE.

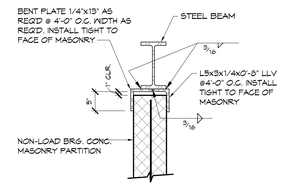
DETAIL 7/S402 3/4" = 1'-0"

M 13



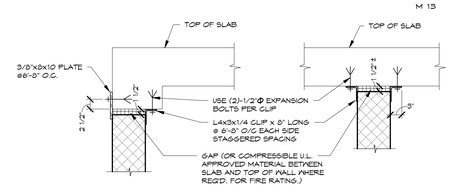
DETAIL 8/S402 3/4" = 1'-0"

TYPICAL STEEL JOIST/BEAM PARALLEL TO MASONRY WALL DETAIL



DETAIL 9/S402 3/4" = 1'-0"

TYPICAL MASONRY PARTITION BRACING AT STEEL BEAM DETAIL

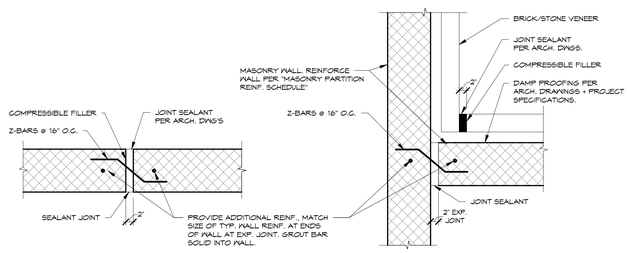


AT EXTERIOR

AT INTERIOR

DETAIL 11/S402 3/4" = 1'-0"

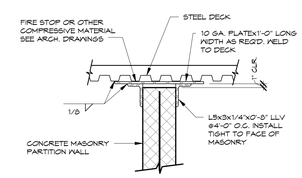
PARTITION WALL BRACING TO SLAB



NOTE:
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND CONFIGURATION OF EXPANSION JOINTS IN MASONRY.

DETAIL 12/S402 3/4" = 1'-0"

TYPICAL MASONRY EXPANSION JOINT DETAIL



DETAIL 13/S402 3/4" = 1'-0"

TYPICAL MASONRY PARTITION BRACING AT ROOF DECK DETAIL

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

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BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

STATE OF MARYLAND
Hope Hughes Furrer
No. 10976
PROFESSIONAL ENGINEER

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN

SCALE

3/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

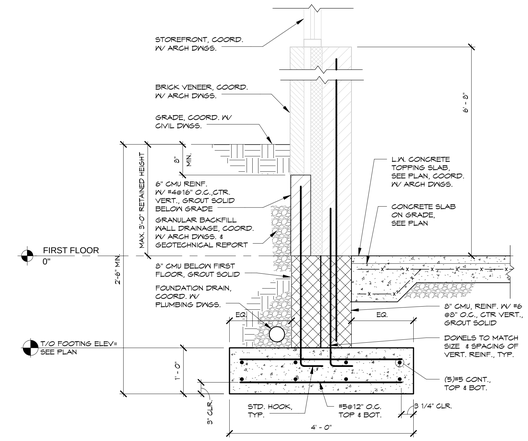
TITLE

MASONRY TYPICAL DETAILS

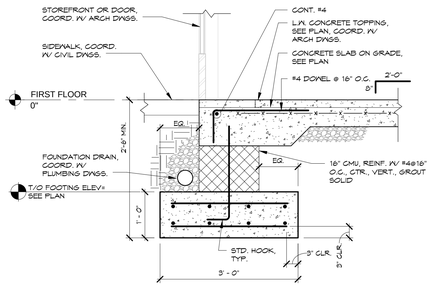
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

S402

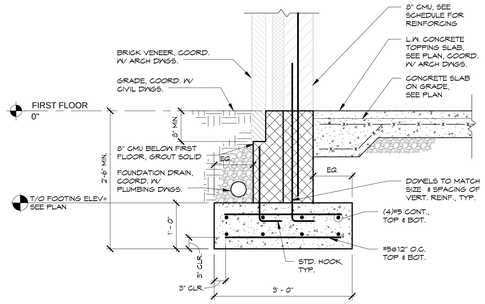
SHEET NO.



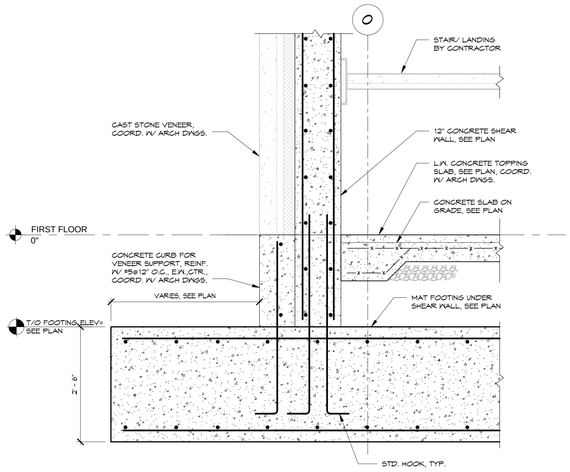
SECTION 1/S403 3/4" = 1'-0"



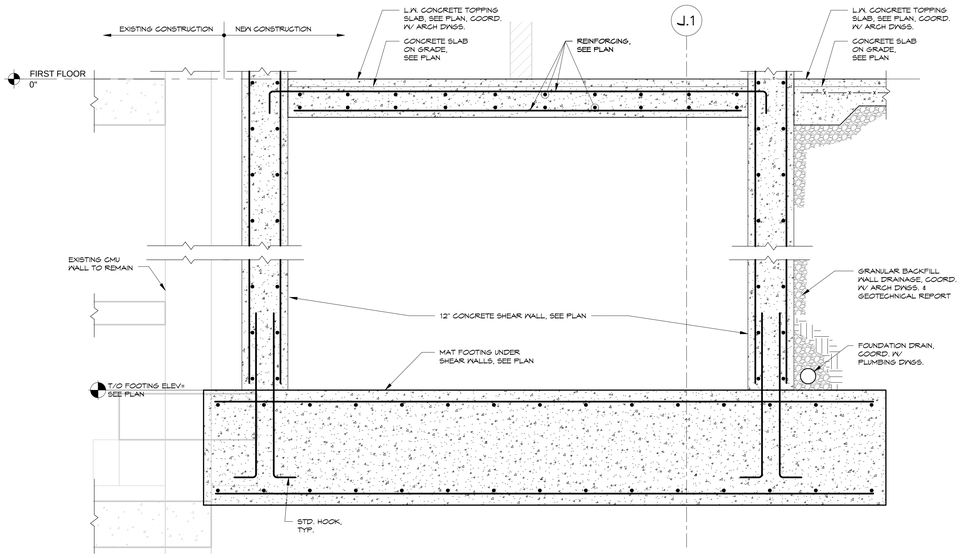
SECTION 2/S403 3/4" = 1'-0"



SECTION 3/S403 3/4" = 1'-0"

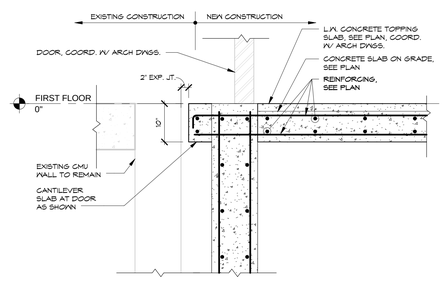


SECTION 4/S403 3/4" = 1'-0"

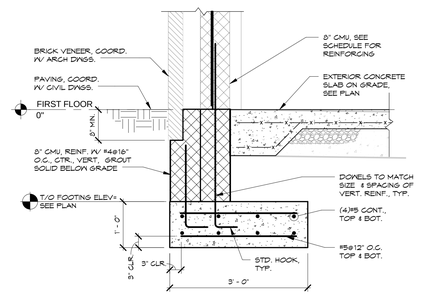


NOTE:
FIELD VERIFY LOCATION, DEPTH AND ELEVATION OF EXISTING FOUNDATIONS FOR REVIEW BY ENGINEER PRIOR TO FABRICATION OF REINFORCING. MODIFICATIONS TO NEW FOOTING AND/OR EXISTING FOOTING MAY BE REQUIRED BASED ON FIELD VERIFICATION.

SECTION 5/S403 3/4" = 1'-0"

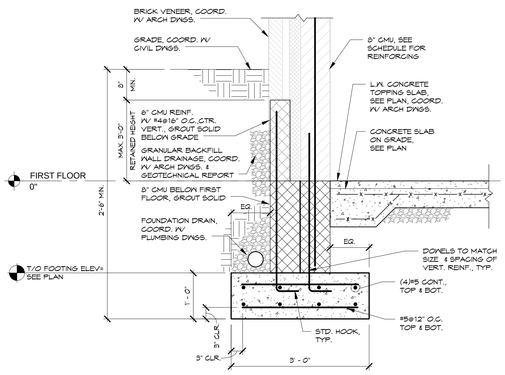


SECTION 6/S403 3/4" = 1'-0"

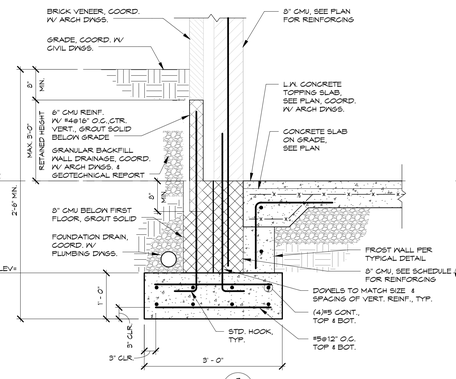


NOTES:
1. SLOPE SLAB ON GRADE PER ARCH DRAWINGS.
2. COORDINATE WITH CIVIL DRAWINGS FOR PROPERTY LINE LOCATION.

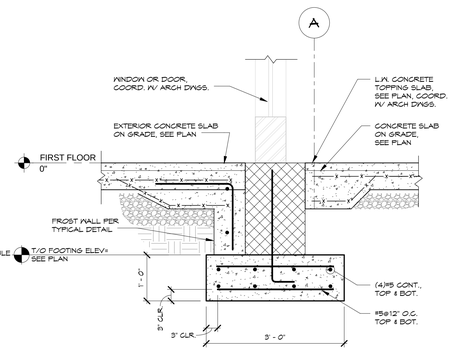
SECTION 7/S403 3/4" = 1'-0"



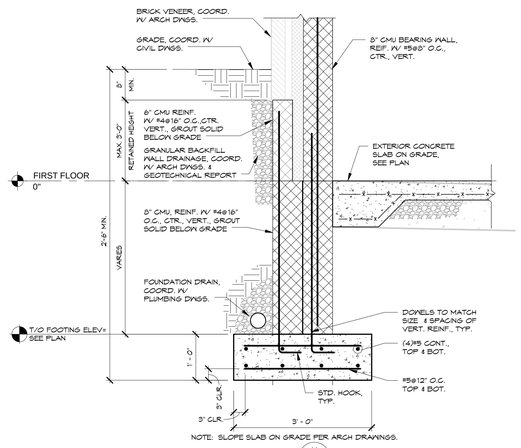
SECTION 8/S403 3/4" = 1'-0"



SECTION 9/S403 3/4" = 1'-0"



SECTION 10/S403 3/4" = 1'-0"



NOTE: SLOPE SLAB ON GRADE PER ARCH DRAWINGS.

SECTION 11/S403 3/4" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

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TERRALOGOS
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R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

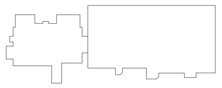
BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN



SCALE

3/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

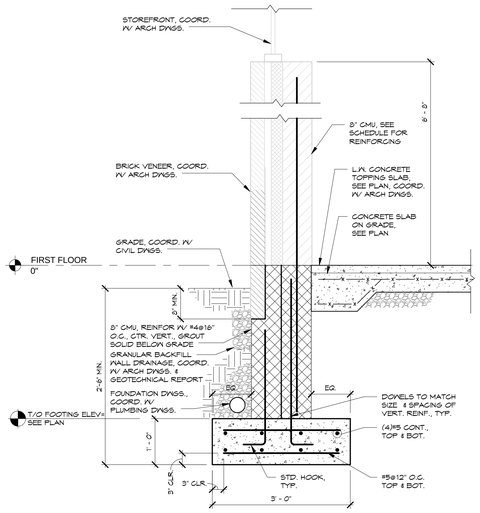
TITLE

FOUNDATION SECTIONS

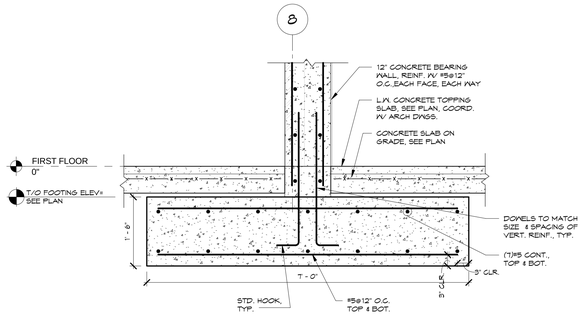
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

S403

SHEET NO.



SECTION 1 S404 3/4" = 1'-0"



SECTION 2 S404 3/4" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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DESIGN DEVELOPMENT

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STATE OF MARYLAND
Hyde Hughes Furrer
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KEY PLAN

SCALE

3/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

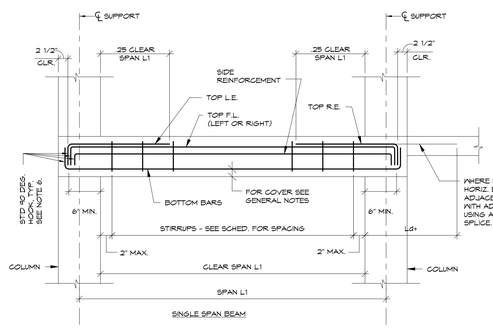
TITLE

FOUNDATION SECTIONS

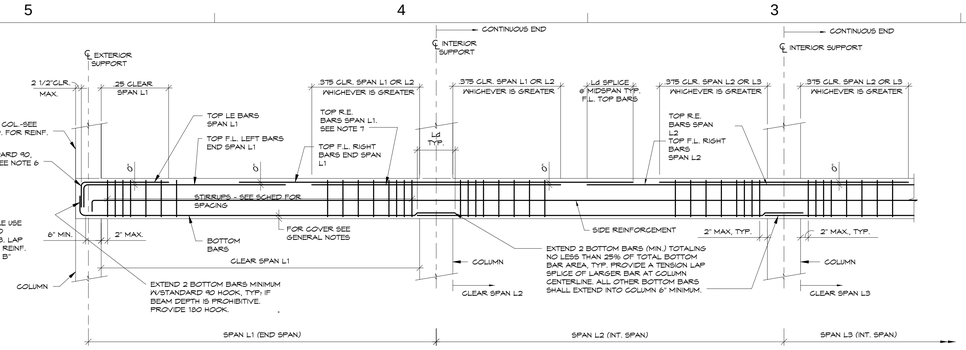
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

S404

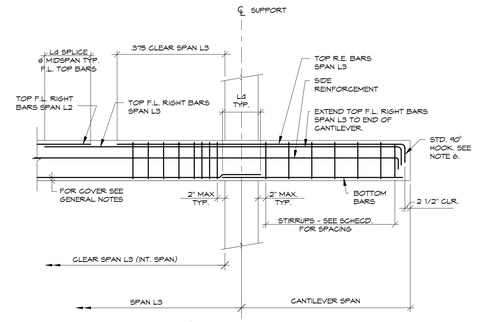
SHEET NO.



SINGLE SPAN BEAM



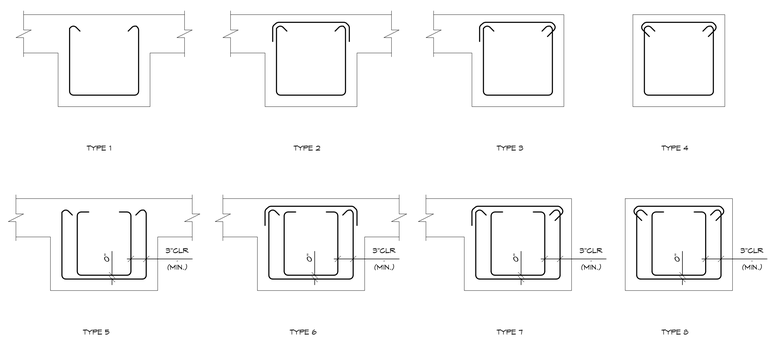
CONTINUOUS SPAN BEAM



CANTILEVER SPAN BEAM

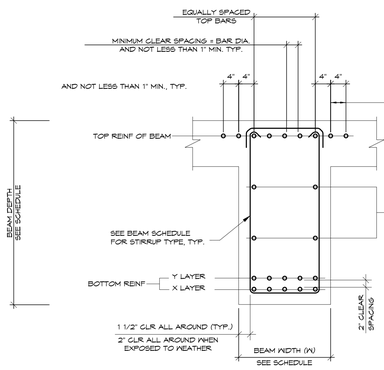
NOTES:
1. F.L. = FULL LENGTH
   C.E. = CONTINUOUS END
   D.E. = DISCONTINUOUS END
   L.E. = LEFT END
   R.E. = RIGHT END
   E.E. = EACH END
   R. = REMAINDER
   Ld= TENSION DEVELOPMENT LENGTH
2. ORIENTATION OF BEAM MARK ON PLAN DEFINES
   RIGHT END & LEFT END OF BEAM.
   (L.E.) ⟵ BXX ⟶ (R.E.)
3. WHERE CANTILEVER SPAN IS NOT SCHEDULED SEPARATELY, EXTEND ALL SCHEDULED BARS, INCLUDING STIRRUPS, FROM ADJACENT SPAN TO END OF CANTILEVER.
4. WHETHER OR NOT DISCONTINUOUS END OF THE BEAM OCCURS ON THE LEFT OR RIGHT, THE REBAR IS TO BE DETAILED PER THE DISCONTINUOUS END NOTED ABOVE.
5. WHETHER OR NOT THE CANTILEVER OCCURS ON THE LEFT OR RIGHT, THE REBAR IS TO BE DETAILED PER THE CANTILEVER END NOTED ABOVE.
6. WHERE BEAM DEPTH IS PROHIBITIVE, PROVIDE A STANDARD 180 HOOK IN LIEU OF A 90° HOOK.
7. WHERE TOP RE BARS IN ONE SPAN AND TOP LE BARS OF THE NEXT ADJACENT SPAN CONFLICT, PROVIDE THE BARS WITH THE LARGER AREA OF STEEL.

CONCRETE BEAM BAR BENDING AND PLACEMENT DETAIL



STIRRUP TYPES

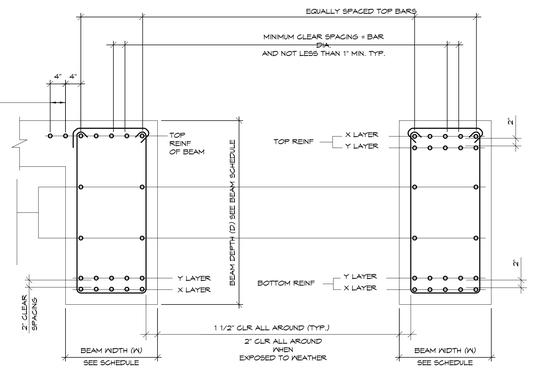
CONCRETE BEAM STIRRUP TYPES



INTERIOR BEAM WITH SLAB ON BOTH SIDES

IF CLEARANCES CAN NOT BE MET, REMAINDER OF TOP REINF. SHALL BE PLACED OUTSIDE OF BEAM WIDTH AS INDICATED

SIDE REINFORCING:
1. PROVIDE WHERE INDICATED IN BEAM SCHEDULE.
2. WHEN BEAM DEPTH EXCEEDS 3'-0" PROVIDE #4 @ (BEAM DEPTH/6) EACH FACE, BUT NOT MORE THAN 12" O.C.(UNO)
3. SHALL BE EVENLY SPACED BETWEEN INNERMOST LAYERS OF BEAM TOP AND BOTTOM REINFORCEMENT.



EXTERIOR BEAM AND INTERIOR BEAMS WITH SLAB ON ONE SIDE ONLY

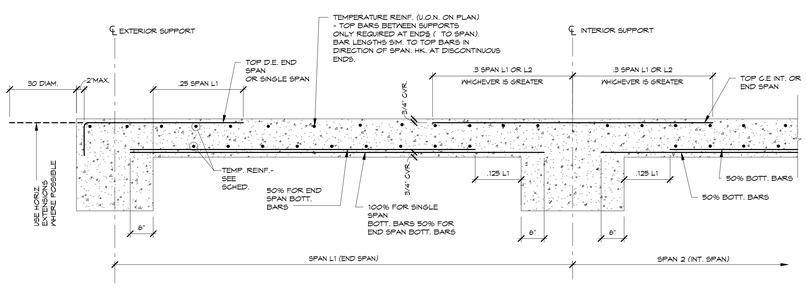
ISOLATED BEAM

NOTES:
1. ALL REINFORCING SHALL BE PLACED IN A SINGLE LAYER IN THE X LAYER LOCATION, UNLESS OTHERWISE NOTED IN THE BEAM SCHEDULE. WHERE BARS ARE NOTED IN THE SCHEDULE TO BE PLACED IN A SECOND LAYER, BARS SHALL BE PLACED AT Y LOCATION AS SHOWN ABOVE.

CONCRETE BEAM BAR PLACEMENT

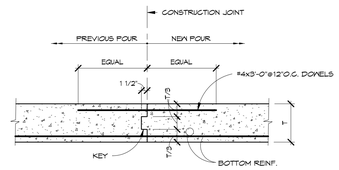
DETAIL 1/S500 3/4" = 1'-0"

TYPICAL CONCRETE BEAM REINFORCING DETAIL



DETAIL 2/S500 3/4" = 1'-0"

ONE-WAY SLAB BAR BENDING & PLACING

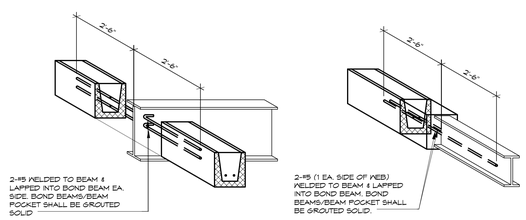


FRAMED SLAB CONSTRUCTION JOINT

NOTES:
1. LOCATE CONSTRUCTION JOINT IN MIDDLE 1/3 OF SLAB OR BEAM SPAN. JOINTS SHALL BE PLACED PERPENDICULAR TO BEAMS.
2. SUBMIT CONSTRUCTION JOINT LOCATIONS TO STRUCTURAL ENGINEER FOR REVIEW PRIOR TO WORK.
3. CLEAN JOINT OF LAITANCE, WET CONCRETE SURFACE & REMOVE STANDING WATER PRIOR TO PLACING NEW CONCRETE.
4. CONSTRUCTION JOINT PLACEMENT SHALL NOT EXCEED 40'-0" IN ANY PLAN DIRECTION.

DETAIL 4/S500 3/4" = 1'-0"

ELEVATED CONCRETE SLAB AND BEAM CONSTRUCTION JOINT DETAIL



STEEL BEAM PERPENDICULAR TO BOND BEAM

STEEL BEAM ON LINE WITH BOND BEAM

DETAIL 3/S500 3/4" = 1'-0"

TYPICAL STEEL BEAM FRAMING INTO BOND BEAM

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND
DESIGN DEVELOPMENT

SEAL

STATE OF MARYLAND
Hope Hughes Furrer
No. 10976
PROFESSIONAL ENGINEER

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN

SCALE

3/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

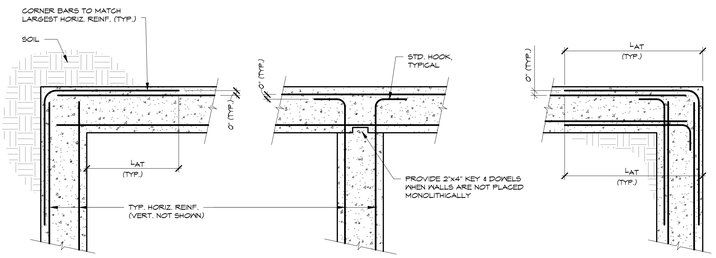
TITLE

SUPERSTRUCTURE TYPICAL DETAILS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

S500

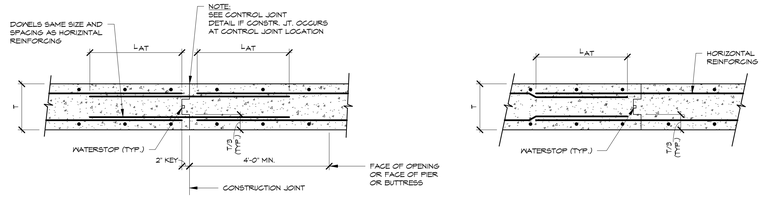
SHEET NO.



OUTSIDE CORNER — INTERSECTION — INSIDE CORNER

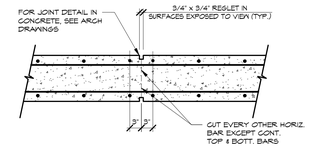
NOTE:
FOR LAT SEE TENSION LAP SPLICE SCHEDULE.

DETAIL 1/S501 3/4" = 1'-0"
TYPICAL CONCRETE WALL BAR BENDING



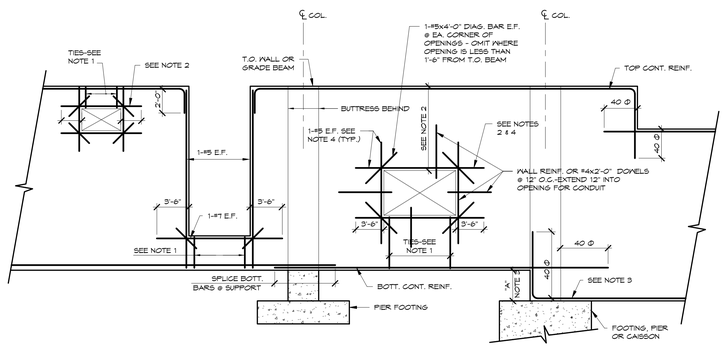
NOTE: FOR LAT SEE TENSION LAP SPLICE SCHEDULE

DETAIL 2/S501 3/4" = 1'-0"
TYPICAL VERTICAL CONSTRUCTION JOINT IN CONCRETE WALL



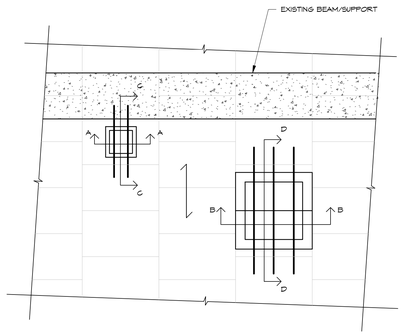
NOTE:
PROVIDE CONTROL JOINTS @ LOCATIONS INDICATED CJ ON PLAN AND/OR ARCH. DRAWINGS. PROVIDE AT 30'-0" O/C MAXIMUM WHERE NOT SHOWN.

DETAIL 3/S501 3/4" = 1'-0"
TYPICAL VERTICAL CONTROL JOINT IN CONCRETE WALL

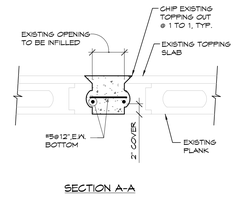


NOTES:
1. WHERE EDGE OF OPENING IS 2'-6" OR LESS FROM TOP OR BOTTOM OF WALL OR GRADE BEAM, ADD #3 ▯ @ 12" O.C.
2. WHERE EDGE OF OPENINGS IS 2'-6" OR LESS FROM TOP OF WALL OR GRADE BEAM ADD 1-#7 E.F. OVER OPENING. (INSTEAD OF 1-#5 E.F.) PROVIDE #3 ▯ TIES @ 12" O.C.
3. WHERE DIMENSION 'A' EXCEEDS 1'-6", BOTTOM BARS MAY BE HOOKED 180 DEGREES.
4. ADD #5 BARS EACH SIDE OF OPENING EQUAL IN AREA TO 1/2 OF INTERRUPTED BARS, MIN. 1-#5 E.F.

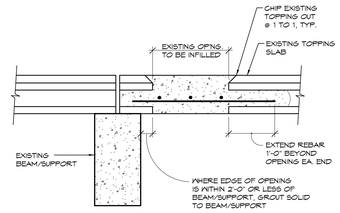
DETAIL 4/S501 3/4" = 1'-0"
TYPICAL ELEVATION OF ADDITIONAL REINFORCING REQ'D. AT OPENINGS & OTHER CONDITIONS IN A CONCRETE WALL

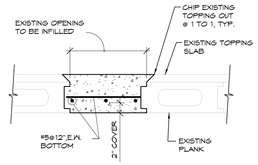


PARTIAL PLAN DETAIL



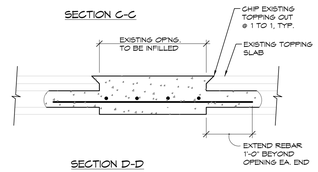
SECTION A-A





SECTION B-B

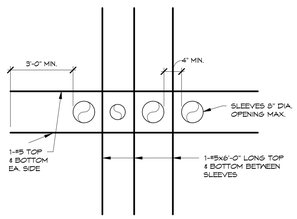
SECTION C-C



SECTION D-D

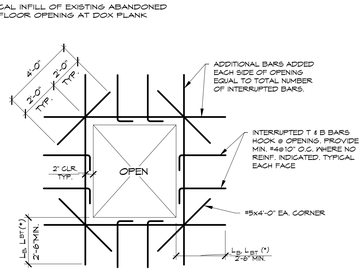
NOTES:
1. COORDINATE WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS FOR LOCATIONS OF KNOWN ABANDONED OPENINGS.
2. ALL ABANDONED OPENINGS SHALL BE INFILLED.
3. INFILLING OPENINGS LESS THAN 6"x6" OR 6" DIA.: OPENINGS SHALL BE INFILLED WITH UNREINFORCED CONCRETE. EXTEND CONCRETE 4" EACH SIDE OF OPENING FOR KEY.
4. CONTRACTOR SHALL FIELD LOCATE ALL ABANDONED OPENINGS TO BE INFILLED. VERIFY ALL EXISTING FRAMING ADJACENT TO OPENINGS AND SUBMIT DIMENSIONED SHOP DRAWINGS FOR REVIEW AND APPROVAL.

DETAIL 5/S501 3/4" = 1'-0"
TYPICAL INFILL OF EXISTING ABANDONED FLOOR OPENING AT DOX PLANK



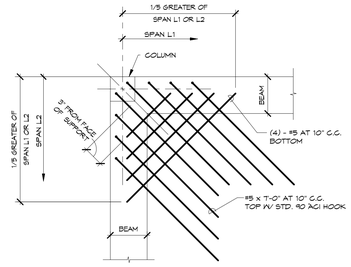
NOTES:
1. ABOVE DETAIL APPLIES WHEN CENTER TO CENTER SPACING OF SLEEVES IS LESS THAN 3 TIMES SLEEVE DIAMETER.
2. SUBMIT SHOP DRAWING OF SLEEVE LAYOUTS TO STRUCTURAL ENGINEER FOR APPROVAL.

DETAIL 6/S501 3/4" = 1'-0"
REINFORCING AROUND SLEEVES THROUGH SLABS



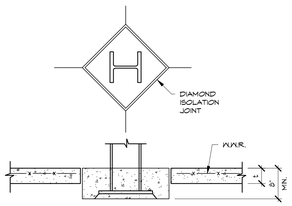
NOTES:
1. MAXIMUM OPENING SIZE 4'-0"x4'-0" U.N.O. ON PLAN.
2. SUBMIT ALL SLAB OPENINGS TO ENGINEER FOR REVIEW. SHOW ALL SLAB OPENINGS ON REINF. STEEL SHOP DRAWINGS.
3. (*) SEE TENSION LAP SPLICE & TENSION DEVELOPMENT LENGTH SCHEDULE.

DETAIL 7/S501 3/4" = 1'-0"
TYPICAL ONE-WAY SLAB OPENING REINFORCING DETAIL

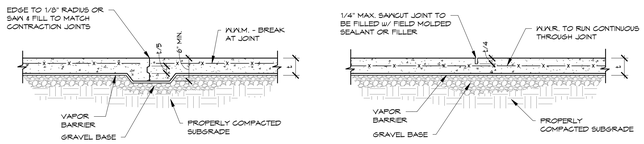


ADDITIONAL CORNER REINFORCING

DETAIL 8/S501 3/4" = 1'-0"
ADDITIONAL CORNER REINFORCING



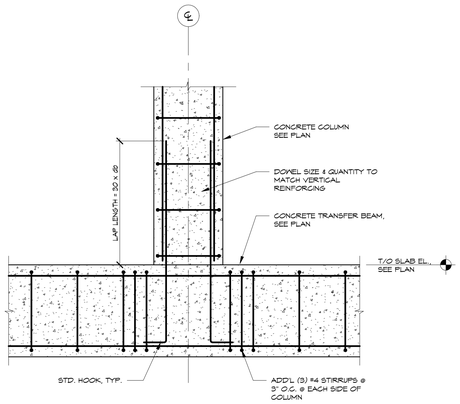
ISOLATION JOINT AT COLUMN



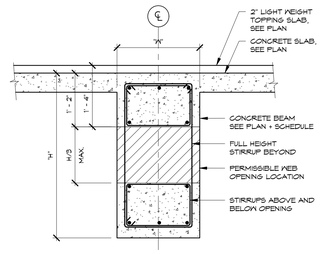
CONSTRUCTION JOINT — CONTRACTION JOINT

NOTE:
CONTRACTOR IS RESPONSIBLE FOR IN-PLACE QUALITY OF SLAB-ON-GRADE. CONSTRUCTION JOINTS SHALL BE PLACED IN THE SLAB WHERE THE CONTRACTORS CONCRETING OPERATIONS ARE TO CONCLUDE OR BE INTERUPTED. CONSTRUCTION JOINT LOCATION SHOULD CONFORM TO PREDETERMINED CONTRACTION JOINT LAYOUT, SUBMITTED BY THE CONTRACTOR. CONTRACTION JOINTS SHALL BE LOCATED ON COLUMN CENTERLINES WITH INTERMEDIATE JOINTS LOCATED BETWEEN COLUMN LINES AS REQUIRED TO PROVIDE A MAXIMUM DISTANCE BETWEEN JOINTS OF 15'±. WITH A MAXIMUM RECOMMENDED PANEL LENGTH RATIO OF 1.5:1. ISOLATION JOINT SHOULD BE LOCATED AT JUNCTIONS WITH WALLS, COLUMNS, ETC., UNLESS NOTED OTHERWISE.

DETAIL 9/S501 3/4" = 1'-0"
TYPICAL SLAB-ON-GRADE JOINT DETAILS

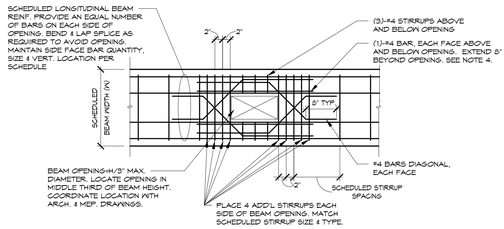


DETAIL 10/S501 3/4" = 1'-0"
TYPICAL CONCRETE TRANSFER COLUMN



NOTES:
1. CONTRACTOR TO SUBMIT ALL OPENING LOCATIONS FOR REVIEW & APPROVAL BY THE ENGINEER PRIOR TO STEEL FABRICATION & CONC. PLACEMENT. ADD'L REINF OR REVISIONS TO BEAM MAY BE REQUIRED TO ACCOMMODATE OPENING.
2. ALL OPENINGS SHALL BE LOCATED WITHIN THE MIDDLE THIRD OF BEAM SPAN.
3. FOR MULTIPLE OPENINGS IN ONE BEAM, MAINTAIN 12" CLEAR BETWEEN OPENINGS.
4. OPENING SHALL NOT INTERFERE WITH ANY REINF. SHOWN ON THE BEAM SCHEDULE, UNLESS SPECIFICALLY PERMITTED BY THE ENGINEER.
5. MAINTAIN MINIMUM CONCRETE COVER OF STEEL REINFORCING AT OPENING LOCATIONS.
6. PROVIDE (4) ADD'L STIRRUPS @ 2" OC EACH SIDE OF OPENING. MATCH SCHEDULED STIRRUP SIZE & TYPE. AND (3)-#4 STIRRUPS ABOVE AND BELOW OPENING.
7. ALL OPENINGS SHALL BE FORMED PRIOR TO CONCRETE PLACEMENT. DRILLING IN BEAMS AFTER CONCRETE PLACEMENT IS NOT PERMITTED.

DETAIL 11/S501 3/4" = 1'-0"
PERMISSIBLE BEAM SLEEVE LOCATION DETAIL SECTION VIEW - HORIZONTAL SLEEVES



ELEVATION VIEW OF BEAM

NOTES:
1. CONTRACTOR SHALL SUBMIT OPENING LOCATION DIAGRAMS FOR REVIEW AND APPROVAL PRIOR TO WORK.
2. ALL OPENINGS, INCLUDING OPENINGS, SHALL BE FORMED PRIOR TO CONCRETE PLACEMENT. DRILLING IN BEAMS AFTER CONCRETE PLACEMENT IS NOT PERMITTED.
3. CONTINUE ADDITIONAL STIRRUPS BEYOND FIRST SCHEDULED STIRRUP AS REQUIRED.
4. CONTRACTOR MAY USE BEAM FACE BARS IN LIEU OF #4 STIRRUP HOLD BARS.

DETAIL 12/S501 3/4" = 1'-0"
CONCRETE BEAM SLEEVE REINFORCING LAYOUT

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 MCCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115
TERRALOGOS ECO ARCHITECTURE.PC
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND
DESIGN DEVELOPMENT

SEAL
STATE OF MARYLAND — Mike Hughes Farmer — No. 10976 — PROFESSIONAL ENGINEER

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN

SCALE
3/4" = 1'-0"

No.	Description	Date

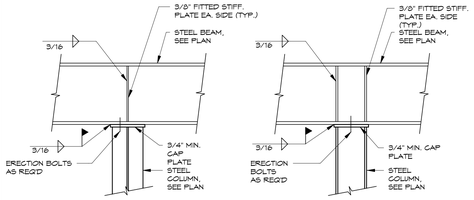
REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

TITLE
SUPERSTRUCTURE TYPICAL DETAILS

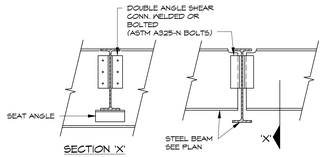
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

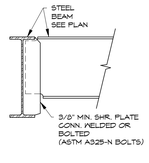
S501
SHEET NO.

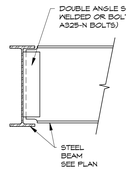


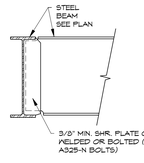
DETAIL 1/S502 3/4" = 1'-0"

TYPICAL BEAM CANTILEVER ACROSS A STEEL COLUMN



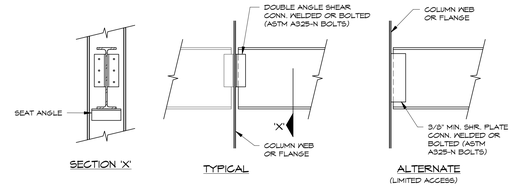






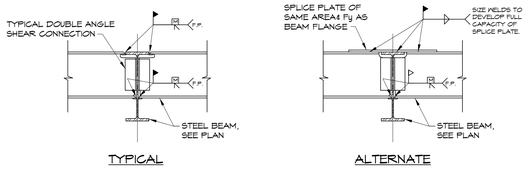
DETAIL 2/S502 3/4" = 1'-0"

BEAM TO BEAM SHEAR CONNECTIONS



DETAIL 3/S502 3/4" = 1'-0"

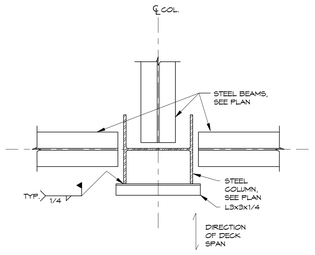
BEAM TO COLUMN SHEAR CONNECTION



NOTES:
1. FOR CANTILEVER BEAMS MARKED THUS ◄ IN PLAN.
2. F.P. = FULL PENETRATION GROOVE WELD.

DETAIL 4/S502 3/4" = 1'-0"

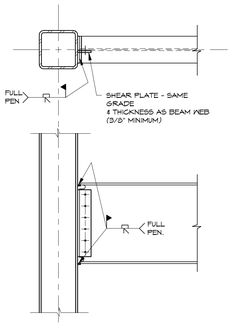
TYPICAL CANTILEVER BEAM AT GIRDER



NOTE:
DECK SUPPORT ANGLES ARE REQUIRED AT COLUMN FACES WHERE THERE IS NO BEAM OR OTHER SUPPORT FOR THE DECK.

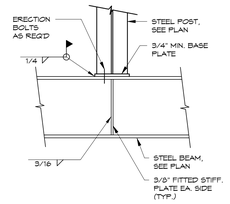
DETAIL 5/S502 3/4" = 1'-0"

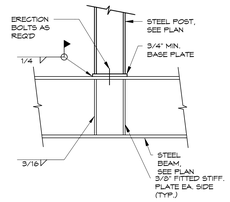
TYPICAL METAL DECK SUPPORT AT INTERIOR COLUMN



DETAIL 6/S502 3/4" = 1'-0"

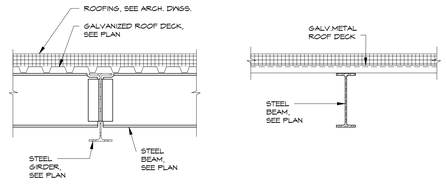
TYPICAL MOMENT CONNECTION TO TUBE COLUMN





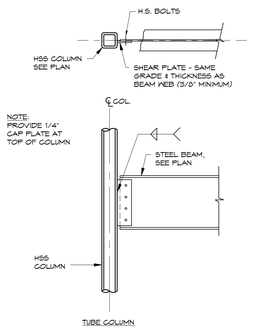
DETAIL 7/S502 3/4" = 1'-0"

TYPICAL POST ON BEAM



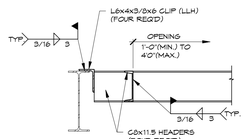
DETAIL 8/S502 3/4" = 1'-0"

TYPICAL ROOF CONSTRUCTION



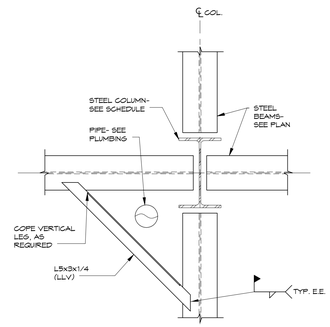
DETAIL 9/S502 3/4" = 1'-0"

BEAM TO COLUMN SHEAR CONNECTION



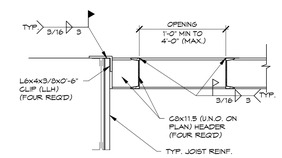
DETAIL 10/S502 3/4" = 1'-0"

TYPICAL ROOF OPENING AT BEAMS



DETAIL 11/S502 3/4" = 1'-0"

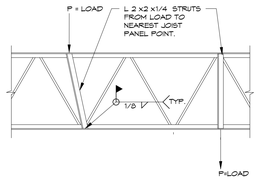
WET COLUMN DETAIL



NOTE:
MECHANICAL EQUIPMENT SUPPORT SIMILAR, SEE PLAN FOR CHANNEL SIZE (U.N.O.).

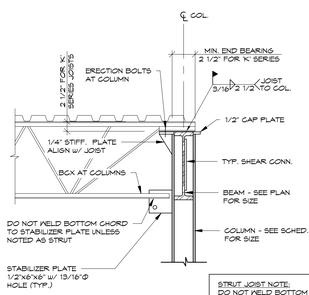
DETAIL 12/S502 3/4" = 1'-0"

TYPICAL ROOF OPENING AT JOISTS

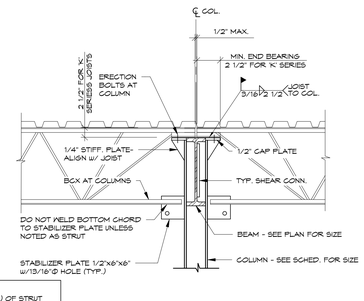


DETAIL 13/S502 3/4" = 1'-0"

TYPICAL JOIST REINFORCEMENT AT CONCENTRATED LOADS



JOISTS BEARING ON ONE SIDE OF COLUMN

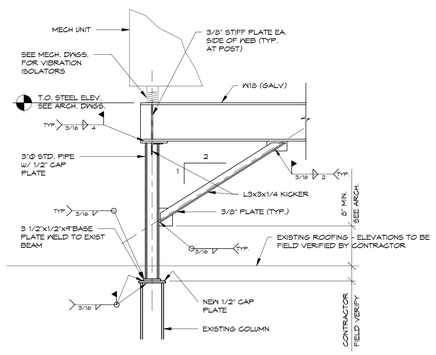


STRUT JOIST NOTE:
DO NOT WELD BOTTOM CHORD EXTENSION (BCX) OF STRUT JOISTS UNTIL ALL DEAD LOADS INCLUDING PARTITIONS HAVE BEEN APPLIED.

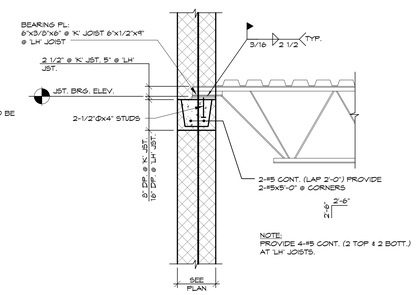
JOISTS BEARING ON BOTH SIDES OF COLUMN

DETAIL 14/S502 3/4" = 1'-0"

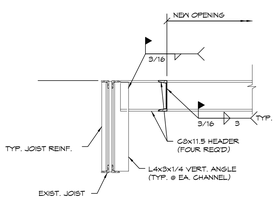
JOIST BEARING ON TUBE SECTION COLUMN



TYPICAL ROOFTOP DUNNAGE SECTION AT EXISTING BUILDING



NOTE:
PROVIDE 4-#5 CONT. (2 TOP & 2 BOTT.) AT 'LH' JOISTS.

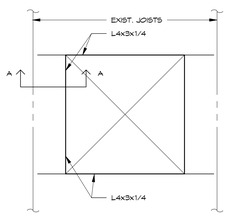


DETAIL 15/S502 3/4" = 1'-0"

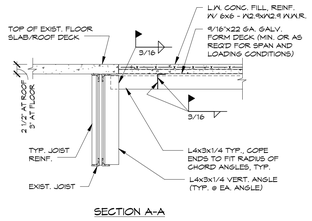
TYPICAL OPENING IN EXISTING ROOF

DETAIL 16/S502 3/4" = 1'-0"

TYPICAL ROOFTOP DUNNAGE SECTION



PLAN DETAIL



SECTION A-A

NOTES:
1. COORDINATE WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS FOR LOCATIONS OF KNOWN ABANDONED OPENINGS.
2. ALL ABANDONED OPENINGS SHALL BE INFILLED.
3. CONTRACTOR SHALL FIELD LOCATE ALL ABANDONED OPENINGS TO BE INFILLED, VERIFY ALL EXISTING FRAMING ADJACENT TO OPENINGS AND SUBMIT DIMENSIONED SHOP DRAWINGS FOR REVIEW AND APPROVAL.

DETAIL 18/S502 3/4" = 1'-0"

TYPICAL INFILL OF EXISTING ABANDONED ROOF AND FLOOR OPENING

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

STATE OF MARYLAND
Hope Furrer
No. 10976
PROFESSIONAL ENGINEER

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN

SCALE

3/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

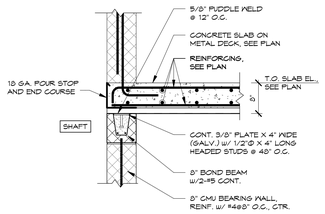
TITLE

SUPERSTRUCTURE TYPICAL DETAILS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

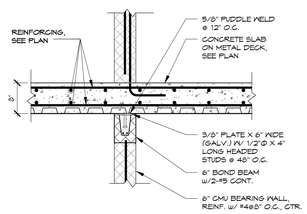
S502

SHEET NO.



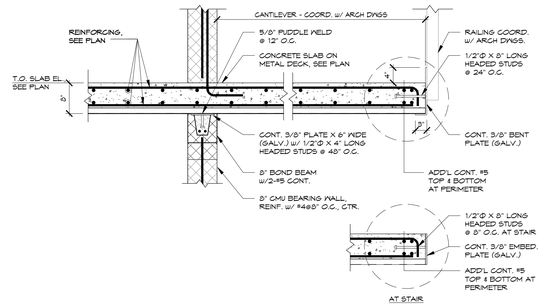
DETAIL 1/S503 3/4" = 1'-0"

CONCRETE SLAB ON METAL DECK BEARING ON ONE SIDE OF MASONRY WALL AT SHAFT



DETAIL 2/S503 3/4" = 1'-0"

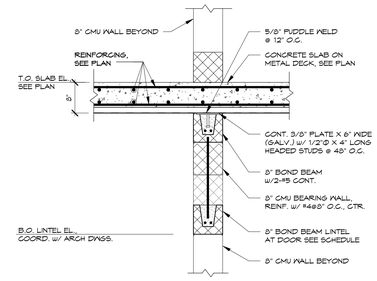
CONCRETE SLAB ON METAL DECK PARALLEL TO INTERIOR MASONRY WALL



NOTES:
1. COORD. W/ ARCH DRAWINGS AND SPECIFICATIONS FOR STAIR.
2. SEE PLAN FOR ADDITIONAL REINFORCING AT STAIR.

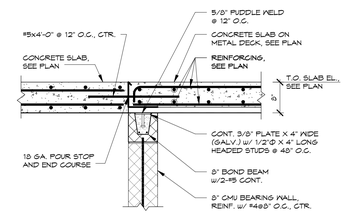
DETAIL 3/S503 3/4" = 1'-0"

CONCRETE SLAB ON METAL DECK CANTILEVERED OVER INTERIOR MASONRY WALL

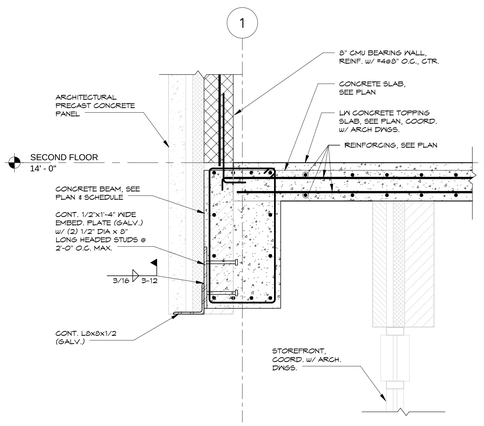


DETAIL 4/S503 3/4" = 1'-0"

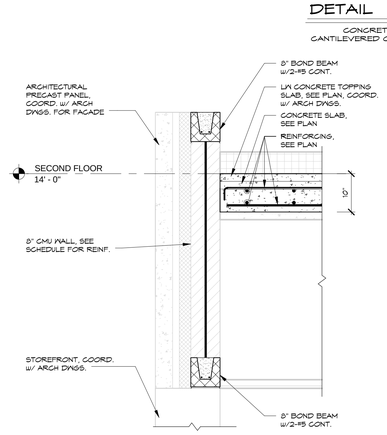
CONCRETE SLAB ON METAL DECK AT BOND BEAM LINTEL



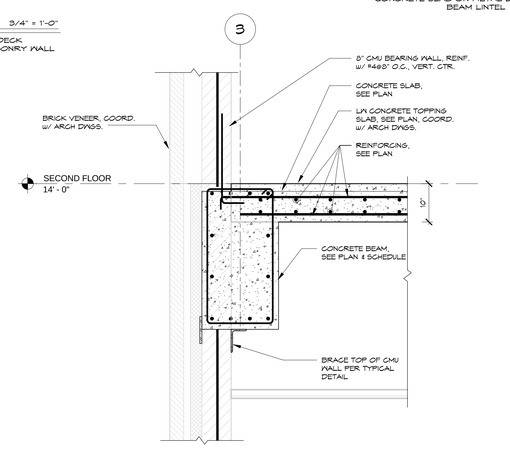
DETAIL 5/S503 3/4" = 1'-0"



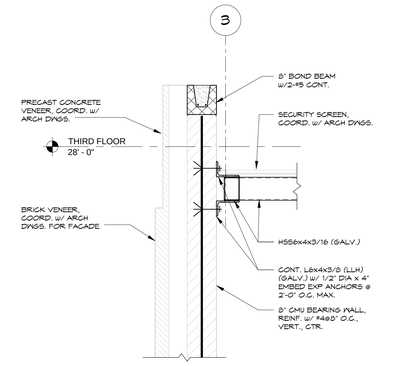
SECTION 6/S503 3/4" = 1'-0"



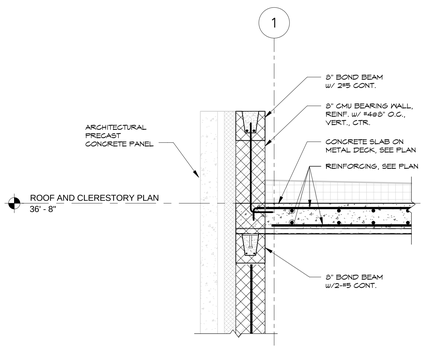
SECTION 7/S503 3/4" = 1'-0"



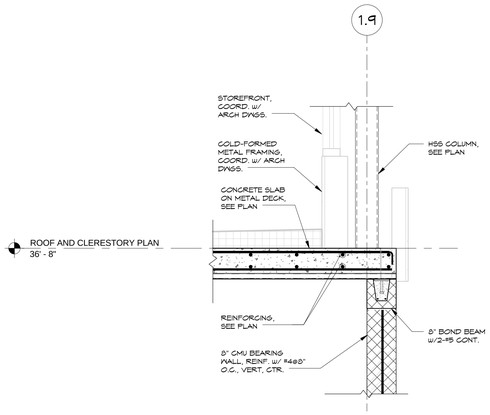
SECTION 8/S503 3/4" = 1'-0"



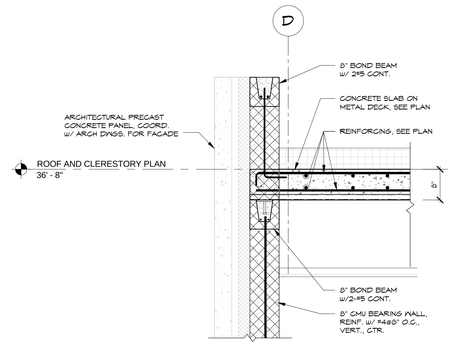
SECTION 9/S503 3/4" = 1'-0"



SECTION 10/S503 3/4" = 1'-0"



SECTION 11/S503 3/4" = 1'-0"



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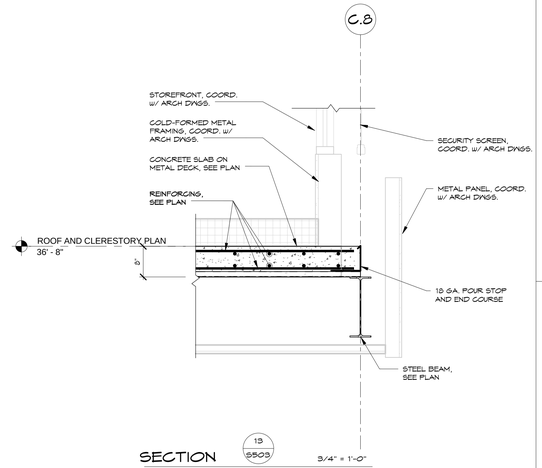
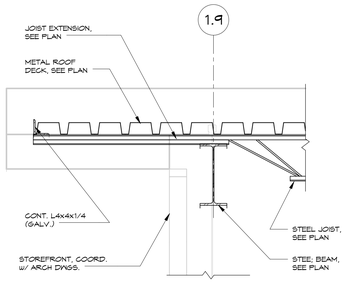
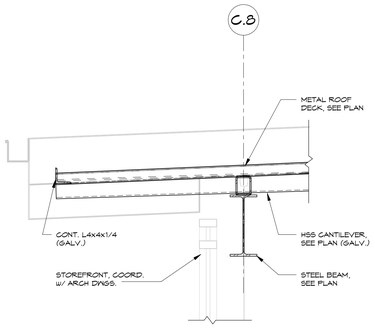


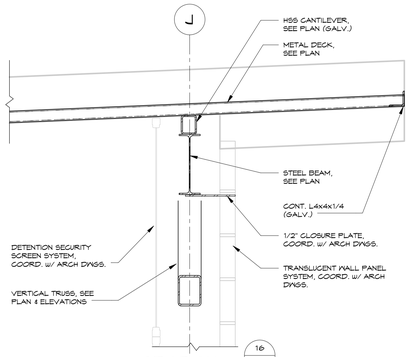
SECTION 13/S503 3/4" = 1'-0"



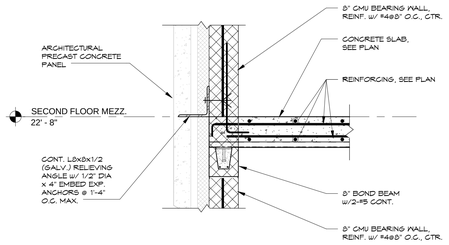
SECTION 14/S503 3/4" = 1'-0"



SECTION 15/S503 3/4" = 1'-0"



SECTION 16/S503 3/4" = 1'-0"



SECTION 17/S503 3/4" = 1'-0"

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PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 MCCORMICK ROAD
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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

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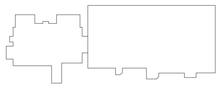
KEY PLAN



SCALE

3/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

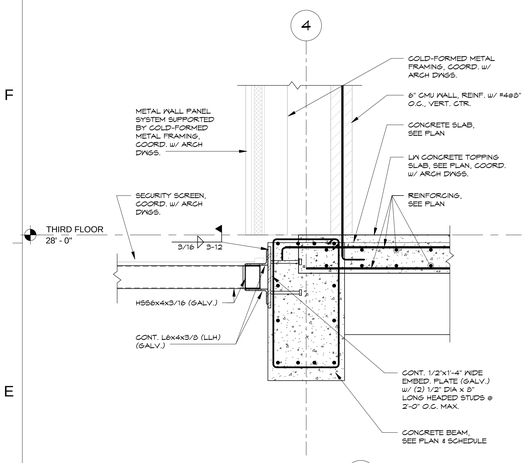
TITLE

SUPERSTRUCTURE SECTIONS

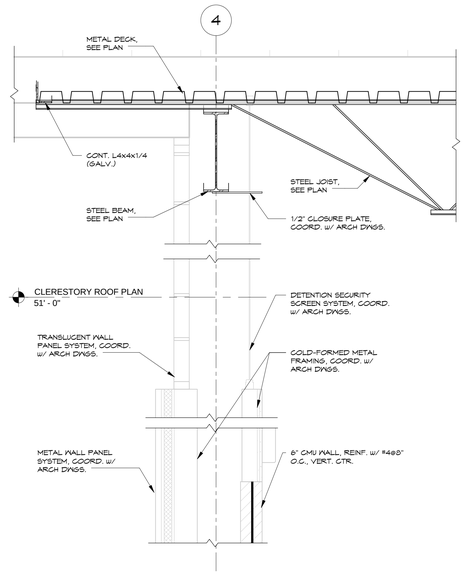
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

S503

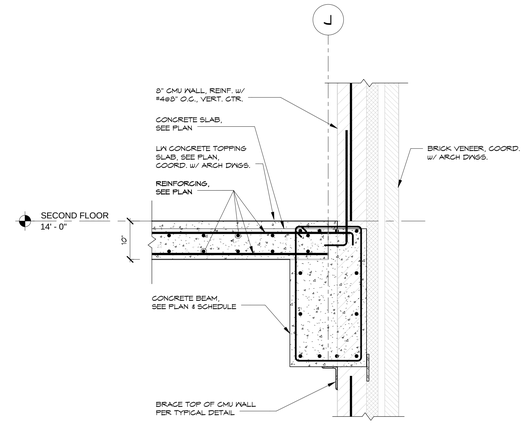
SHEET NO.



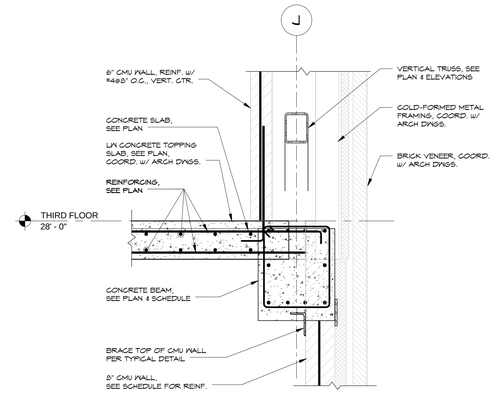
SECTION 1/S504 3/4" = 1'-0"



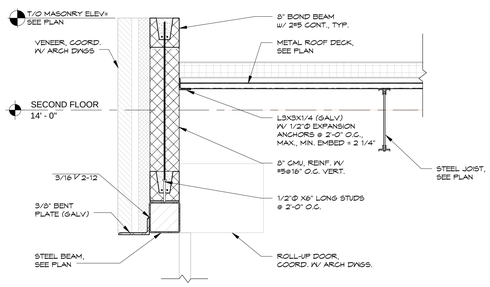
SECTION 2/S504 3/4" = 1'-0"



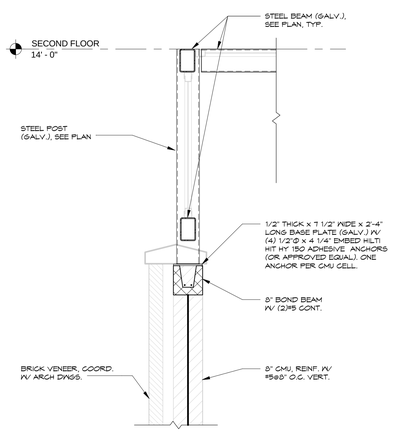
SECTION 3/S504 3/4" = 1'-0"



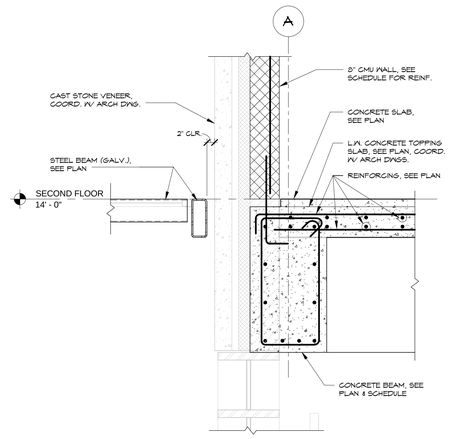
SECTION 4/S504 3/4" = 1'-0"



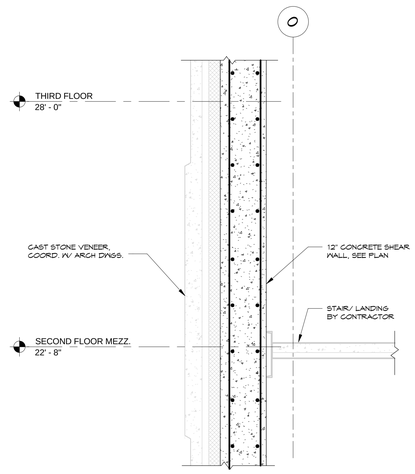
SECTION 5/S504 3/4" = 1'-0"



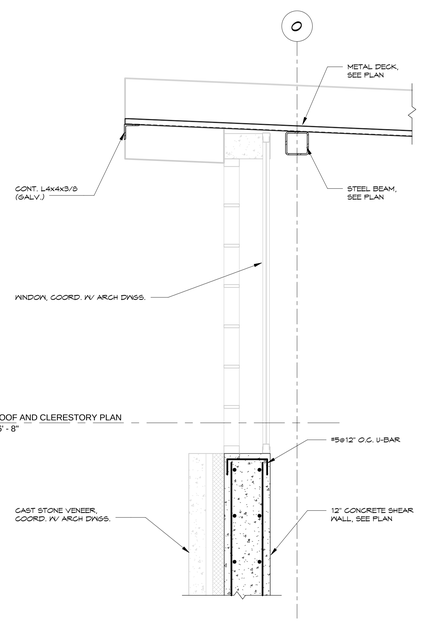
SECTION 6/S504 3/4" = 1'-0"



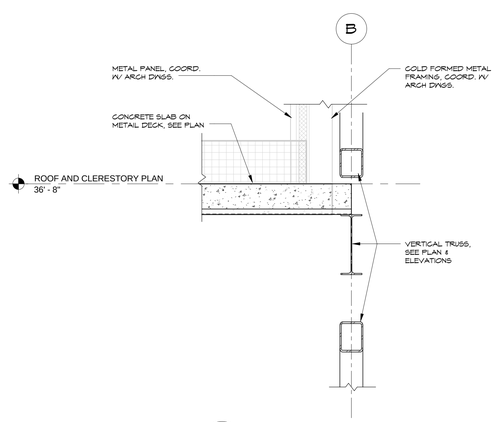
SECTION 7/S504 3/4" = 1'-0"



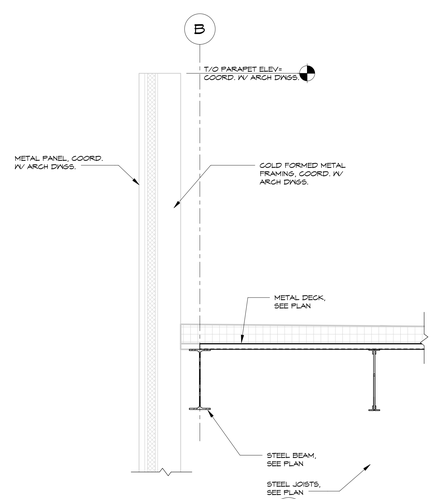
SECTION 8/S504 3/4" = 1'-0"



SECTION 9/S504 3/4" = 1'-0"



SECTION 10/S504 3/4" = 1'-0"



SECTION 11/S504 3/4" = 1'-0"

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KEY PLAN

SCALE

3/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

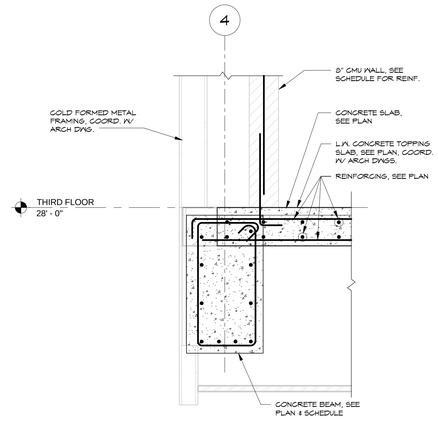
TITLE

SUPERSTRUCTURE SECTIONS

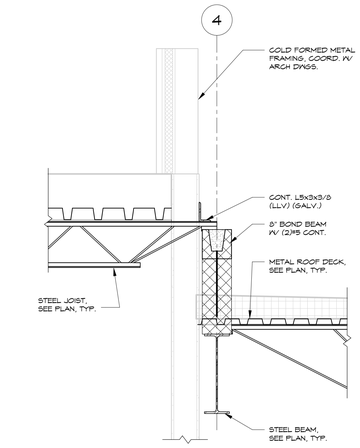
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

S504

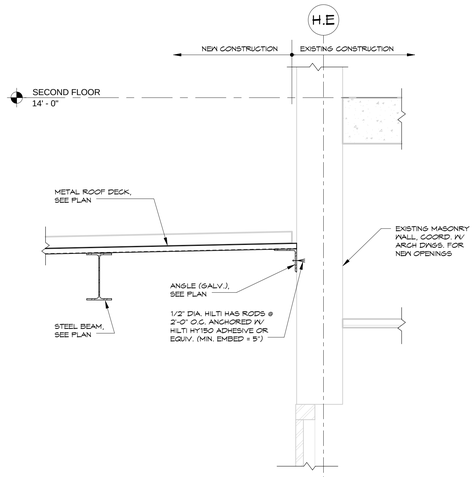
SHEET NO.



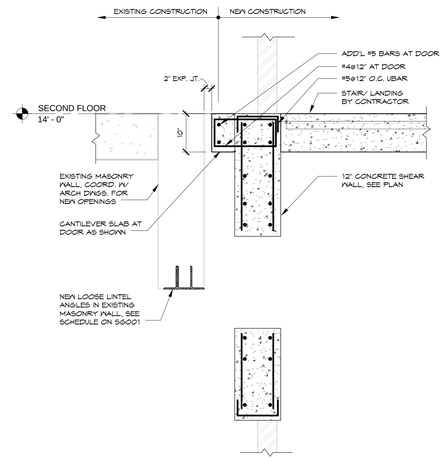
SECTION 1 S505 3/4" = 1'-0"



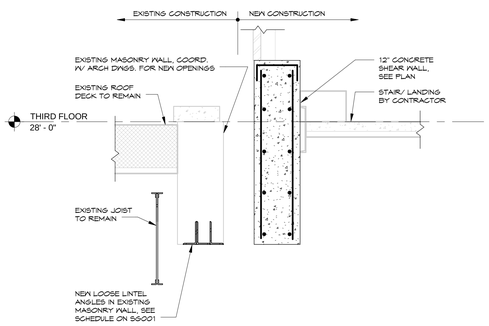
SECTION 2 S505 3/4" = 1'-0"



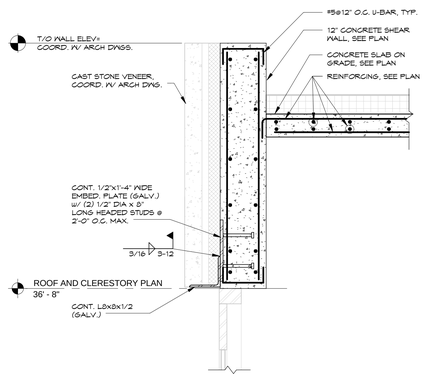
SECTION 3 S505 3/4" = 1'-0"



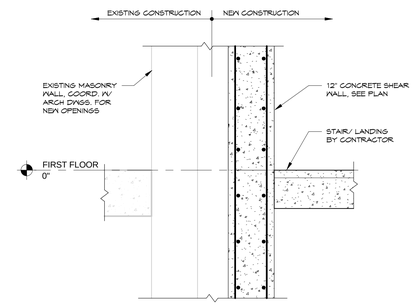
SECTION 4 S505 3/4" = 1'-0"



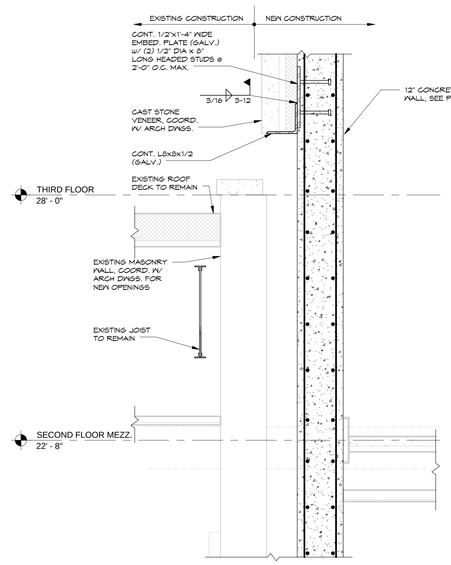
SECTION 5 S505 3/4" = 1'-0"



SECTION 6 S505 3/4" = 1'-0"



SECTION 7 S505 3/4" = 1'-0"



SECTION 8 S505 3/4" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS
ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

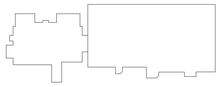
BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN



SCALE

3/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	Author
APPROVED BY	Approver
CHECKED BY	Checker
DATE	2-5-2015

TITLE

SUPERSTRUCTURE SECTIONS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

S505

SHEET NO.

CONCRETE BEAM SCHEDULE

MARK	SIZE		REINFORCING					STIRRUPS				ADD'L HORIZ. REINFORCING EACH FACE	REMARKS
	WIDTH (IN)	DEPTH (IN)	BOTTOM	TOP				TYPE	SIZE	SPACING (IN)	END		
				L.E.	F.L.		R.E.						
					LEFT	RIGHT							
2B1	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		--
2B2	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B3	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B4	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B5	20	36	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B6	20	36	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B7	20	36	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B8	20	36	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B9	20	36	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@15	--	PER DETAIL	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B10	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--	PER DETAIL	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B11	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B12	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--	PER DETAIL	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B13	20	36	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@15	--	PER DETAIL	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B14	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B15	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B16	20	30	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@12	--		
2B17	20	24	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@9	--		
2B18	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B19	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B20	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B21	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B22	20	24	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@9	--		
2B23	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B24	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B25	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B26	20	24	(3)-#8	--	--	(3)-#8	--	4	#4	@3, BAL@4	--	(4)-#4 E.F.	
2B27	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B28	20	24	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@9	--		
2B29	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B30	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B31	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B32	20	30	(3)-#8	--	--	(3)-#8	--	4	#4	@3, BAL@5	--	(5)-#4 E.F.	
2B33	20	30	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@12	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B34	20	30	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@12	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B35	20	30	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@12	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B36	20	30	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@12	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B37	20	24	(3)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@9	--	(1)-#8 E.F.	
2B38	20	24	(3)-#8	(4)-#8	--	--	(4)-#8	4	#4	@3, BAL@9	--		
2B39	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B40	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B41	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
2B42	20	36	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B43	20	36	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B44	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B45	20	36	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B46	20	36	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B47	20	36	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@15	--	PER DETAIL	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B48	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--	PER DETAIL	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B49	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--	PER DETAIL	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B50	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--	PER DETAIL	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B51	20	36	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@15	--	PER DETAIL	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B52	20	42	(3)-#8	(4)-#8	--	--	(4)-#8	4	#4	@3, BAL@10	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B53	20	42	(3)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@10	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B54	20	42	(3)-#8	(4)-#8	--	--	(4)-#8	4	#4	@3, BAL@10	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B55	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B56	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B57	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B58	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B59	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B60	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B61	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B62	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B63	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B64	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B65	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@6	--	(5)-#4 E.F.	
2B66	12	24	(2)-#8	--	(2)-#8	(2)-#8	--	4	#4	@3, BAL@10	--		
2B67	12	24	(2)-#8	--	(2)-#8	(2)-#8	--	4	#4	@3, BAL@10	--		
2B68	12	24	(2)-#8	--	(2)-#8	(2)-#8	--	4	#4	@3, BAL@10	--		
2B69	12	24	(2)-#8	--	(2)-#8	(2)-#8	--	4	#4	@3, BAL@10	--		
2B70	20	36	(3)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@15	--	PER DETAIL	
2B71	20	36	(3)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@15	--	PER DETAIL	
2B72	20	36	(3)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@12	--	(2)-#8 E.F.	
2B73	20	36	(3)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@15	--	PER DETAIL	
2B74	20	34	(3)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@6	--	(5)-#4 E.F.	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B75	20	34	(4)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BAL@6	--	(5)-#4 E.F.	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL

NOTES:

1. STIRRUP SPACING IS DENOTED AS FOLLOWS:
   EE = STIRRUPS TO BE PLACED EACH END OF BEAM.
   LE = STIRRUPS TO BE PLACED LEFT END OF BEAM.
   RE = STIRRUPS TO BE PLACED RIGHT END OF BEAM.
   FL = STIRRUPS TO BE PLACED FULL BEAM LENGTH.
   R = REMAINDER OF STIRRUPS NOT DESIGNATED EE,LE,OR RE TO BE PLACED AT SPACING SHOWN.
2. REFER TO TYPICAL DETAILS FOR STIRRUP TYPES.
3. EXTEND TOP & BOTTOM REINFORCING FULL LENGTH OF CANTILEVER.

CONCRETE BEAM SCHEDULE

MARK	SIZE		REINFORCING					STIRRUPS				ADD'L HORIZ. REINFORCING EACH FACE	REMARKS
	WIDTH (IN)	DEPTH (IN)	BOTTOM	TOP				TYPE	SIZE	SPACING (IN)	END		
				L.E.	F.L.		R.E.						
					LEFT	RIGHT							
2B76	20	36	(4)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BAL@15	--	PER DETAIL	
2B77	20	36	(4)-#8	(5)-#8	--	--	(5)-#8	4	#4	@3, BAL@6	--	(2)-#8 E.F.	
2B78	20	36	(4)-#8	(5)-#8	--	--	(5)-#8	4	#4	@3, BAL@15	--		
2B79	20	28	(4)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BAL@5	--	(4)-#4 E.F.	
2B80	20	28	(4)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BAL@12	--		
2B81	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@6	--	(5)-#4 E.F.	
2B82	20	30	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@5	--	(5)-#4 E.F.	
2B83	20	30	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@10	--	(1)-#8 E.F.	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B84	20	30	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@5	--	(5)-#4 E.F.	
2B85	20	34	(4)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@6	--	(5)-#4 E.F.	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B86	20	36	(4)-#8	--	(3)-#8	(6)-#8	--	4	#4	@3, BAL@15	--		
2B87	20	36	(4)-#8	(6)-#8	--	--	(6)-#8	4	#4	@3, BAL@6	--	(2)-#8 E.F.	
2B88	20	36	(4)-#8	--	(6)-#8	(3)-#8	--	4	#4	@3, BAL@6	--	(2)-#8 E.F.	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B89	NOT USED												
2B90	20	28	(4)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@5	--	(4)-#4 E.F.	
2B91	20	28	(4)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@12	--		
2B92	20	34	(4)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BAL@6	--	(5)-#4 E.F.	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B93	20	36	(4)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BAL@15	--	PER DETAIL	
2B94	20	36	(4)-#8	(5)-#8	--	--	(5)-#8	4	#4	@3, BAL@12	--	(2)-#8 E.F.	
2B95	20	36	(4)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BAL@12	--	(2)-#8 E.F.	
2B96	20	36	(4)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BAL@15	--		
2B97	20	34	(4)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BA@6	--	(5)-#4 E.F.	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
2B98	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@6	--	(5)-#4 E.F.	
2B99	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@6	--	(5)-#8 E.F.	
2B100	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B101	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@6	--	(2)-#8 E.F.	
2B102	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
2B103	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@6	--	(5)-#4 E.F.	
3B1	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
3B2	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
3B3	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
3B4	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		
3B5	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
3B6	20	36	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@15	--		WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
3B7	12	24	(2)-#8	--	(2)-#8	(2)-#8	--	4	#4	@3, BAL@4	--	(4)-#4 E.F.	
3B8	20	36	(4)-#8	--	--	(5)-#8	--	4	#4	@3, BAL@6	--	(5)-#4 E.F.	
3B9	20	36	(4)-#8	(5)-#8	--	--	(5)-#8	4	#4	@3, BAL@6	--	(2)-#8 E.F.	
3B10	20	36	(4)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BAL@6	--	(5)-#8 E.F.	
3B11	20	36	(4)-#8	(5)-#8	--	--	(5)-#8	4	#4	@3, BAL@6	--	(2)-#8 E.F.	
3B12	20	36	(4)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BAL@6	--	(2)-#8 E.F.	
3B13	20	36	(4)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BAL@6	--	(2)-#8 E.F.	
3B14	NOT USED												
3B15	12	24	(2)-#8	--	(2)-#8	(2)-#8	--	4	#4	@3, BAL@4	--	(4)-#4 E.F.	
3B16	20	36	(4)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@6	--	(2)-#8 E.F.	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
3B17	20	36	(4)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@6	--	(2)-#8 E.F.	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
3B18	20	36	(4)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@6	--	(2)-#8 E.F.	
3B19	20	36	(4)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@6	--	(2)-#8 E.F.	
3B20	20	36	(4)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@6	--	(2)-#8 E.F.	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
3B21	20	36	(4)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@6	--	(2)-#8 E.F.	WEB OPENING, SEE PLAN, REINF. PER TYP. DETAIL
3B22	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@10	--		
3B23	20	24	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@10	--		
3B24	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@10	--		
3B25	20	24	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@10	--		
3B26	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
3B27	20	24	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@9	--		
3B28	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
3B29	20	24	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@9	--		
3B30	20	24	(4)-#8	(4)-#8	--	--	(4)-#8	4	#4	@3, BAL@9	--		
3B31	20	24	(4)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@9	--		
3B32	20	24	(5)-#8	(5)-#8	--	--	(5)-#8	4	#4	@3, 10@ 6, BAL@9	--		
3B33	20	24	(5)-#8	--	(5)-#8	(5)-#8	--	4	#4	@3, BAL@9	--		
3B34	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
3B35	20	24	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@9	--		
3B36	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
3B37	20	24	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@9	--		
3B38	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
3B39	20	24	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@9	--		
3B40	20	24	(3)-#8	(3)-#8	--	--	(3)-#8	4	#4	@3, BAL@9	--		
3B41	20	24	(3)-#8	--	(3)-#8	(3)-#8	--	4	#4	@3, BAL@9	--		
3B42	20	24	(4)-#8	(4)-#8	--	--	(4)-#8	4	#4	@3, BAL@9	--		
3B43	20	24	(4)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@9	--		
3B44	20	24	(3)-#8	(4)-#8	--	--	(4)-#8	4	#4	@3, BAL@9	--		
3B45	20	24	(3)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@9	--		
3B46	20	24	(3)-#8	(4)-#8	--	--	(4)-#8	4	#4	@3, BAL@9	--		
3B47	20	24	(3)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@9	--		
3B48	20	24	(3)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@9	--		
3B49	20	24	(3)-#8	--	(4)-#8	(4)-#8	--	4	#4	@3, BAL@9	--		

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

STATE OF MARYLAND
Mike Hughes Farrar
No. 10976
PROFESSIONAL ENGINEER

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN

SCALE

3/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

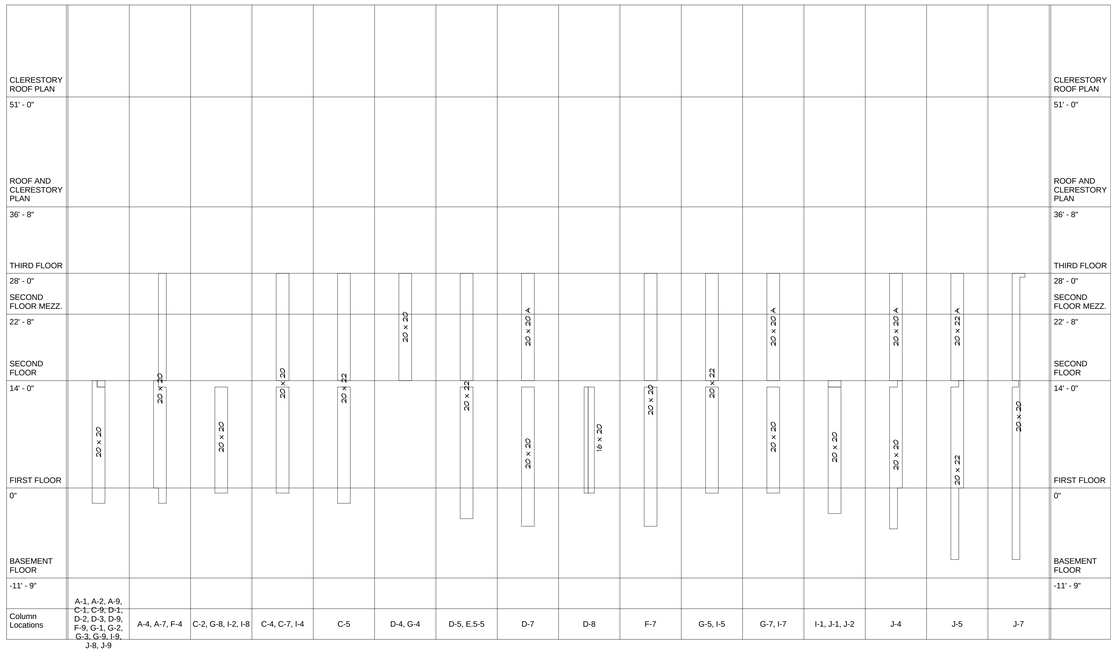
TITLE

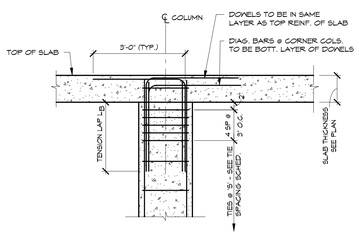
SUPERSTRUCTURE SCHEDULES

PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

S506

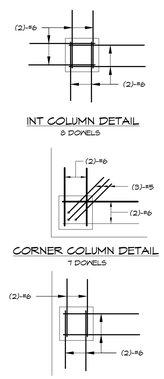
SHEET NO.





REINFORCING DETAIL AT TOP OF CONCRETE COLUMN

DESIGNER'S NOTE:
TENSION LAP SHOWN ASSUMES TENSION (USUALLY CAUSED BY UNBALANCED MOMENTS) OCCURS IN BARS. IF THERE IS COMPRESSION ONLY IN THE COLUMNS, THE TENSION LAP CAN BE REVISED TO 30ØB.

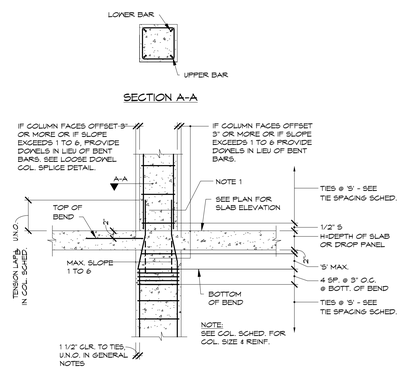


INT COLUMN DETAIL
8 DOWELS

CORNER COLUMN DETAIL
7 DOWELS

EDGE COLUMN DETAIL
6 DOWELS

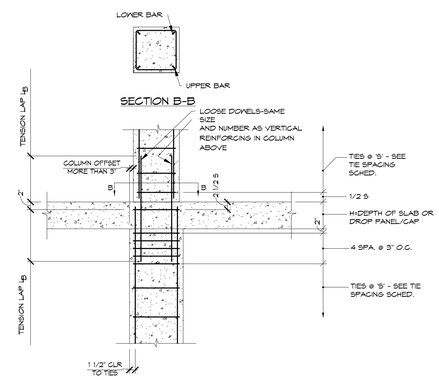
DETAIL 1/S600 3/4" = 1'-0"
TYPICAL COLUMN REINFORCING DETAILS



DETAIL AT FRAMED FLOOR

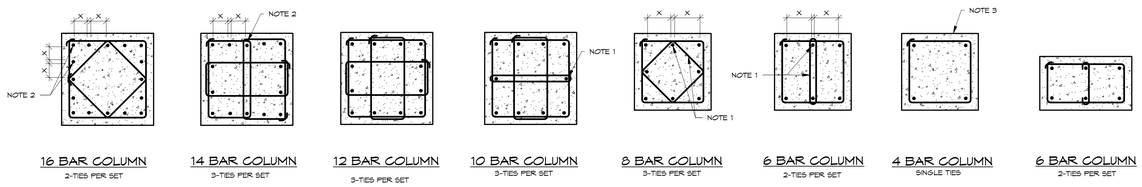
NOTES:
1. LAP AT LEAST THE SAME NUMBER OF VERTICAL BARS FROM COLUMN BELOW WITH VERTICAL BARS IN COLUMN ABOVE.

DETAIL 2/S600 3/4" = 1'-0"
TYPICAL CONCRETE COLUMN SPLICE DETAIL



NOTE:
1. TIE LOOSE DOWELS IN PLACE PRIOR TO POURING COLUMN BELOW. USE THIS DETAIL WHEN COLUMN OFFSET IS MORE THAN 3" OR WHEN SLOPE OF BENT BARS EXCEEDS 1 TO 6.

DETAIL 3/S600 3/4" = 1'-0"
LOOSE DOWEL CONCRETE COLUMN SPLICE DETAIL



16 BAR COLUMN
2-TIES PER SET

14 BAR COLUMN
3-TIES PER SET

12 BAR COLUMN
3-TIES PER SET

10 BAR COLUMN
3-TIES PER SET

8 BAR COLUMN
3-TIES PER SET

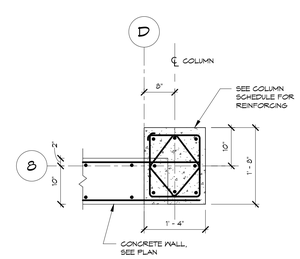
6 BAR COLUMN
2-TIES PER SET

4 BAR COLUMN
SINGLE TIES

6 BAR COLUMN
2-TIES PER SET

NOTES:
1. THESE BARS MUST BE TIED AS SHOWN BY DASHED LINES WHEN X DISTANCE IS OVER 6".
2. THESE BARS NEED NOT BE TIED WHEN X DISTANCE EQUALS 6" OR LESS.
3. 1 1/2" MIN. COVER TO TIES (TYPICAL).
4. FOR SIZE OF VERTICAL BARS, SEE COLUMN SCHEDULE.
5. FOR SIZE AND SPACING OF TIES, SEE TIE SPACING SCHEDULE.
6. ALTERNATE LOCATIONS OF TIE HOOKS WHEN PLACING SUCCESSIVE SETS OF TIES.
7. USE MECHANICAL SPLICE FOR SPLICING #14 BARS ONLY.

DETAIL 4/S600 3/4" = 1'-0"
TYPICAL COLUMN BAR LAYOUT



DETAIL 5/S600 3/4" = 1'-0"
PLAN DETAIL AT D/8

CONCRETE COLUMN REINFORCING SCHEDULE

MARK	WIDTH	LENGTH	VERTICAL REINFORCING	TIE SIZE	TIE SPACING	COMMENT
16x20	16"	20"	(8)-#9	#4	12"	OFFSET PER PLAN
20x20	20"	20"	(8)-#9	#4	12"	
20x20A	20"	20"	(8)-#9	#4	6"	
20x22	20"	22"	(8)-#9	#4	12"	OFFSET 1" WEST
20x22A	20"	22"	(8)-#9	#4	6"	OFFSET 1" WEST

CONCRETE COLUMN TIE SPACING SCHEDULE, "S"

VERTICAL BAR SIZE	TIE SIZE	MINIMUM COLUMN DIMENSION OR COLUMN DIAMETER					
		10"	12"	16"	18"	20"	24" OR MORE
#6	#3	10" o.c.	12" o.c.	12" o.c.	12" o.c.	12" o.c.	12" o.c.
#7	#3	10" o.c.	12" o.c.	14" o.c.	14" o.c.	14" o.c.	14" o.c.
#8	#3	10" o.c.	12" o.c.	16" o.c.	16" o.c.	16" o.c.	16" o.c.
#9	#3	10" o.c.	12" o.c.	16" o.c.	18" o.c.	18" o.c.	18" o.c.
#10	#3	10" o.c.	12" o.c.	16" o.c.	18" o.c.	18" o.c.	18" o.c.
#11	#4	——	12" o.c.	16" o.c.	18" o.c.	18" o.c.	22" o.c.
#14	#4	——	——	——	——	20" o.c.	24" o.c.
#18	#4	——	——	——	——	20" o.c.	24" o.c.

CODE REFERENCE: ACI, 318-08, SECTION 7.10.5.2

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

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BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

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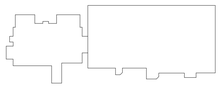
KEY PLAN



SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

TITLE

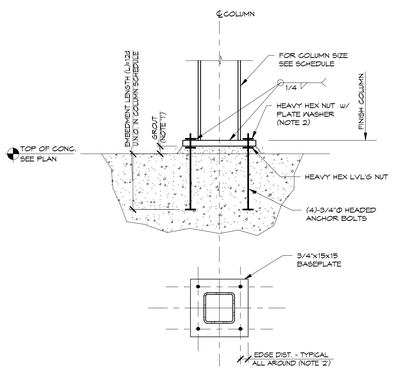
CONCRETE COLUMN SCHEDULES AND DETAILS

PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

S600

SHEET NO.

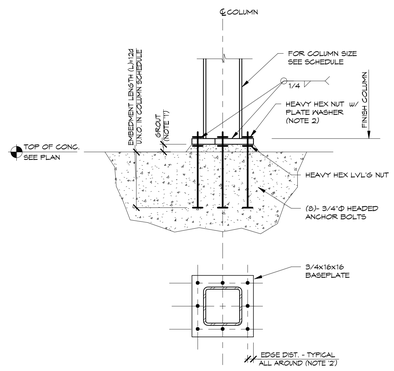
CLERESTORY ROOF PLAN																				CLERESTORY ROOF PLAN
51' - 0" ROOF AND CLERESTORY PLAN	HSS6x6x3/8	HSS8x8x1/2		HSS6x6x1/2	HSS6x6x3/8	HSS8x8x1/2	HSS6x6x1/2	HSS6x6x3/8	HSS8x8x1/2	HSS8x8x1/2	HSS10x10x1/2	HSS6x6x3/8	HSS10x10x1/2	HSS6x6x3/8	HSS10x10x1/2	HSS6x6x1/2				51' - 0" ROOF AND CLERESTORY PLAN
36' - 8" THIRD FLOOR																				36' - 8" THIRD FLOOR
28' - 0" SECOND FLOOR MEZZ.																				28' - 0" SECOND FLOOR MEZZ.
22' - 8" SECOND FLOOR																				22' - 8" SECOND FLOOR
14' - 0" FIRST FLOOR																HSS8x8x3/8	HSS8x8x3/8	HSS8x8x3/8	HSS8x8x3/8	14' - 0" FIRST FLOOR
0" BASEMENT FLOOR																				0" BASEMENT FLOOR
-11' - 9"																				-11' - 9"
Column Locations	B-1.9, B-8.1	B-4	B-5, B-5.5, 0-5, 0-5.5	B-7	C-1.9, C-8.1	C-4	C-7, D-4, D-7	C.8-1.9, C.8-8.1, H.2-1.9, H.2-8.1	E.5-4, E.5-5, E.5-7	F-4, F-7	G-4, G-7	I-1.9, I-8.1	I-4, I-7	I.8-1.9, I.8-8.1	J-4, J-7	J-5	J-10, K-10, 1.E-10, 3.E-10, 5.E-10	J.1-7.5	J.1-8.5	H.E-J	



NOTES:
1. PROVIDE 2" GROUT TYPICAL. FOR BASEPLATES LESS THAN 24" SQUARE 3/4" GROUT AND 1/4" STEEL LEVELING PLATE MAY BE SUBSTITUTED. COORDINATE COLUMN CUTOFF LENGTHS AS REQUIRED.
2. REFER TO BASEPLATE DETAILING SCHEDULE FOR THE BASEPLATE HOLE DIAMETERS, PLATE WASHER DIMENSIONS AND ANCHOR BOLT EDGE DISTANCE.
3. FOR BASE PLATES 18" OR GREATER IN EITHER DIRECTION, PROVIDE A 2" DIAMETER GROUT HOLE.
4. 'd' IS THE ANCHOR BOLT DIAMETER AS DEFINED IN THE COLUMN SCHEDULE.
5. UNHEADED ANCHOR BOLTS WITH DOUBLE HEAVY HEX NUTS MAY BE SUBSTITUTED FOR HEADED ANCHOR BOLTS.
6. THE LAST DIMENSION OF THE COLUMN BASEPLATE SIZE, NOTED IN THE COLUMN SCHEDULE, IS PARALLEL TO THE COLUMN WEB.
7. WIDE FLANGE COLUMN SHOWN, TUBE COLUMN SIMILAR.

DETAIL 1/S601 3/4" = 1'-0"

TYPICAL HSS8x8 COLUMN BASE DETAIL



NOTES:
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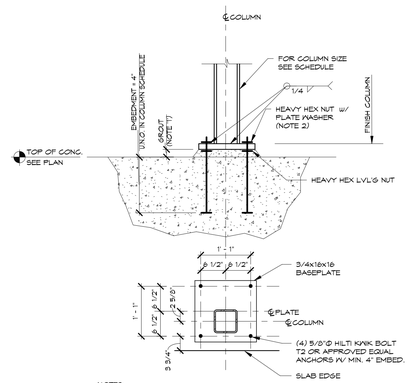
6. THE LAST DIMENSION OF THE COLUMN BASEPLATE SIZE, NOTED IN THE COLUMN SCHEDULE, IS PARALLEL TO THE COLUMN WEB.
7. WIDE FLANGE COLUMN SHOWN, TUBE COLUMN SIMILAR.

DETAIL 2/S601 3/4" = 1'-0"

TYPICAL HSS10x10 COLUMN BASE DETAIL



NOTES:
1. PROVIDE 2" GROUT TYPICAL. FOR BASEPLATES LESS THAN 24" SQUARE 3/4" GROUT AND 1/4" STEEL LEVELING PLATE MAY BE SUBSTITUTED. COORDINATE COLUMN CUTOFF LENGTHS AS REQUIRED.
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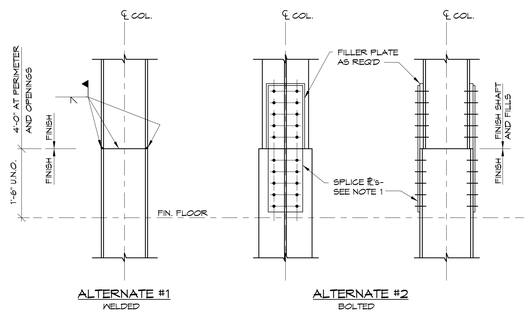
6. THE LAST DIMENSION OF THE COLUMN BASEPLATE SIZE, NOTED IN THE COLUMN SCHEDULE, IS PARALLEL TO THE COLUMN WEB.
7. WIDE FLANGE COLUMN SHOWN, TUBE COLUMN SIMILAR.

DETAIL 3/S601 3/4" = 1'-0"

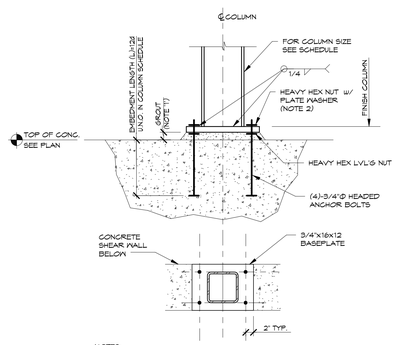
TYPICAL HSS6x6 COLUMN BASE PLATE



NOTES:
1. FLANGE SPLICE TO DEVELOP 50% OF TENSILE CAPACITY OF SMALLER COLUMN FLANGES, U.N.O. IN COLUMN SCHEDULE.
2. FLANGE SPLICE TO DEVELOP 100% OF TENSILE CAPACITY OF SMALLER COLUMN IN VERTICAL TRUSSES & MOMENT FRAMES.

DETAIL 4/S601 3/4" = 1'-0"

COLUMN SPLICE DETAIL



NOTES:
1. PROVIDE 2" GROUT TYPICAL. FOR BASEPLATES LESS THAN 24" SQUARE 3/4" GROUT AND 1/4" STEEL LEVELING PLATE MAY BE SUBSTITUTED. COORDINATE COLUMN CUTOFF LENGTHS AS REQUIRED.
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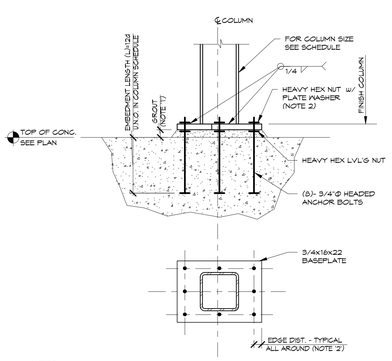
7. WIDE FLANGE COLUMN SHOWN, TUBE COLUMN SIMILAR.

DETAIL 5/S601 3/4" = 1'-0"

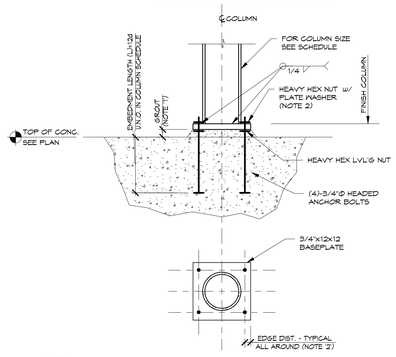
COLUMN B/5 BASE PLATE ON CONCRETE SHEAR WALL



NOTES:
1. PROVIDE 2" GROUT TYPICAL. FOR BASEPLATES LESS THAN 24" SQUARE 3/4" GROUT AND 1/4" STEEL LEVELING PLATE MAY BE SUBSTITUTED. COORDINATE COLUMN CUTOFF LENGTHS AS REQUIRED.
2. REFER TO BASEPLATE DETAILING SCHEDULE FOR THE BASEPLATE HOLE DIAMETERS, PLATE WASHER DIMENSIONS AND ANCHOR BOLT EDGE DISTANCE.
3. FOR BASE PLATES 18" OR GREATER IN EITHER DIRECTION, PROVIDE A 2" DIAMETER GROUT HOLE.
4. 'd' IS THE ANCHOR BOLT DIAMETER AS DEFINED IN THE COLUMN SCHEDULE.
5. UNHEADED ANCHOR BOLTS WITH DOUBLE HEAVY HEX NUTS MAY BE SUBSTITUTED FOR HEADED ANCHOR BOLTS.
6. THE LAST DIMENSION OF THE COLUMN BASEPLATE SIZE, NOTED IN THE COLUMN SCHEDULE, IS PARALLEL TO THE COLUMN WEB.
7. WIDE FLANGE COLUMN SHOWN, TUBE COLUMN SIMILAR.

DETAIL 6/S601 3/4" = 1'-0"

COLUMN G/4 & G/7 BASEPLATE



NOTES:
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DETAIL 7/S601 3/4" = 1'-0"

TYPICAL ROUND HSS COLUMN BASE DETAIL

TYPICAL STEEL COLUMN BASEPLATE SCHEDULE

COLUMN SIZE	BASEPLATE	ANCHOR RODS
HSS8x8x1/2	3/4"x16x16"	(4)-3/4"Ø
HSS8x8x5/8	1"x16x16"	(8)-3/4"Ø

BASEPLATE DETAILING SCHEDULE

ANCHOR ROD DIAMETER (d)	BASEPLATE HOLE DIAMETER	PLATE WASHER		ANCHOR ROD EDGE DISTANCE (U.N.O.)
		DIAMETER	THICKNESS (U.N.O.)	
3/4"	1 5/16"	2"	1/4"	1 1/2"
1"	1 13/16"	3"	3/8"	1 1/2"
1 1/4"	2 1/16"	3"	1/2"	1 3/4"
1 1/2"	2 5/16"	3 1/2"	1/2"	2"
1 3/4"	2 3/4"	4"	5/8"	2 1/2"
2"	3 1/4"	5"	3/4"	2 3/4"
2 1/2"	3 3/4"	5 1/2"	7/8"	3 1/4"

NOTES:
1. SEE COLUMN SCHEDULE FOR ANCHOR BOLT DIAMETER.
2. PLATE WASHERS SHALL HAVE STANDARD HOLES.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

DESIGN DEVELOPMENT

SEAL

STATE OF MARYLAND
Kyle Stephen Farmer
No. 10976
PROFESSIONAL ENGINEER

"PROFESSIONAL CERTIFICATION. I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10976, EXPIRATION DATE 06-09-16."

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	P.F.
APPROVED BY	H.F.
CHECKED BY	M.A.H.
DATE	2-5-2015

TITLE

STEEL COLUMN SCHEDULES AND DETAILS

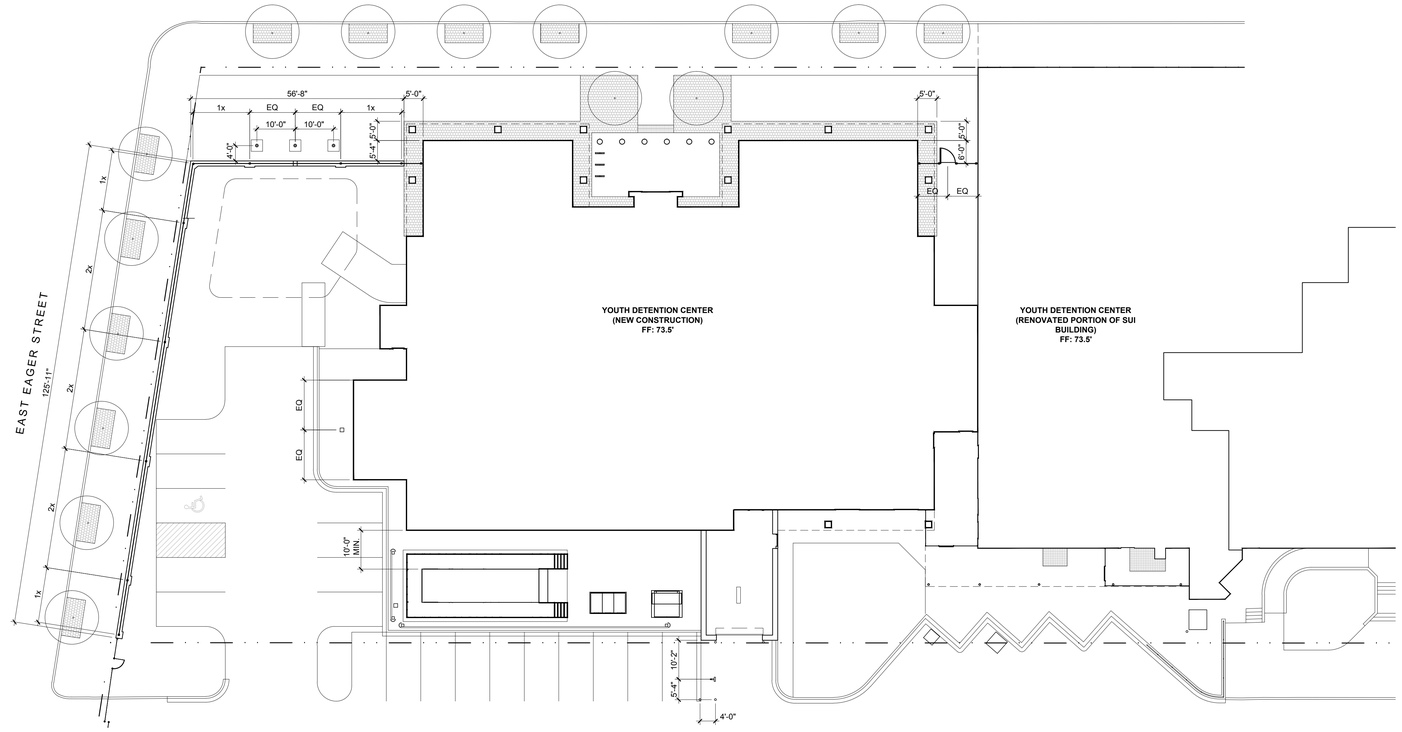
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

S601

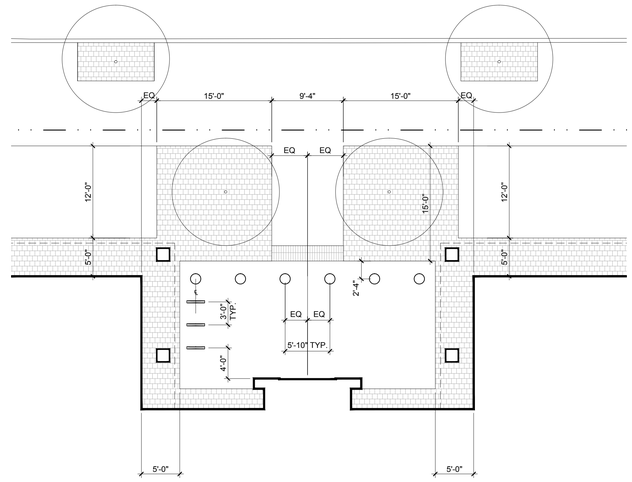
SHEET NO.

GENERAL NOTES

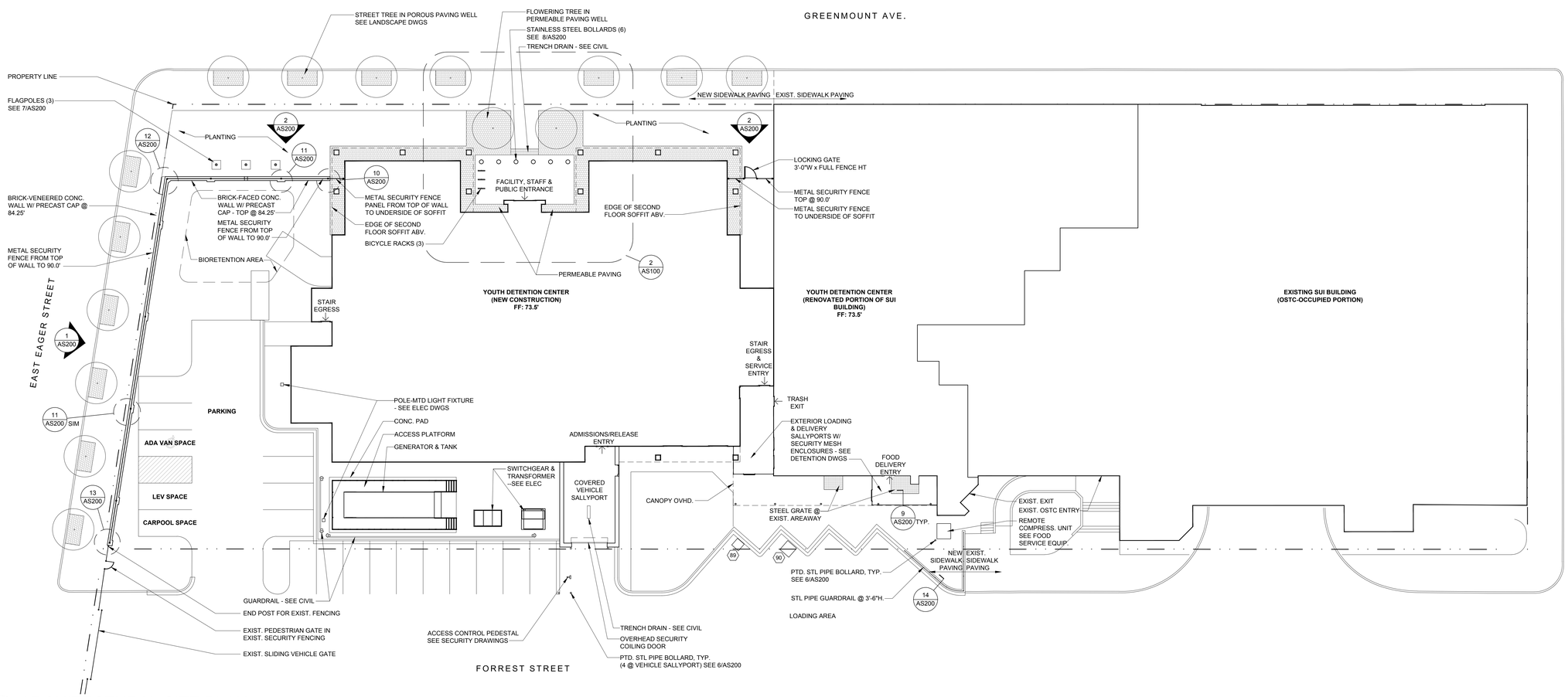
1. SEE FF&E PLANS FOR IDENTIFICATION OF SYMBOLS INDICATED THUS: (X)
2. SEE CIVIL, LANDSCAPE & ELEC. DWGS. FOR ADD'L SITE WORK NOT DETAILED HERE, INCLUDING PLANTING, UTILITIES, & LIGHTING.



3 AS100 ARCHITECTURAL SITE DIMENSION PLAN
1/16" = 1'-0"



2 AS100 ARCHITECTURAL SITE DIMENSION ENLARGED PLAN
1/8" = 1'-0"



1 AS100 ARCHITECTURAL SITE PLAN
1/16" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION NO. 6928-R - DANIEL LEROY BAILEY - STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.

Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

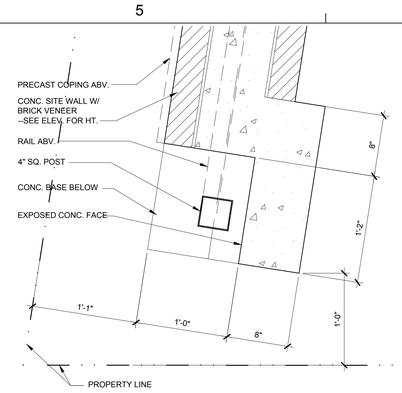
TITLE

ARCHITECTURAL SITE PLAN

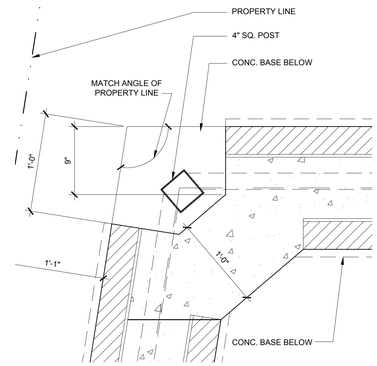
PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

AS100

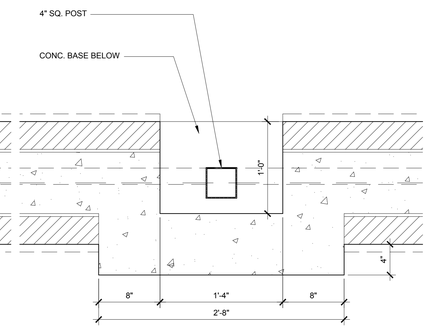
SHEET NO. XXX



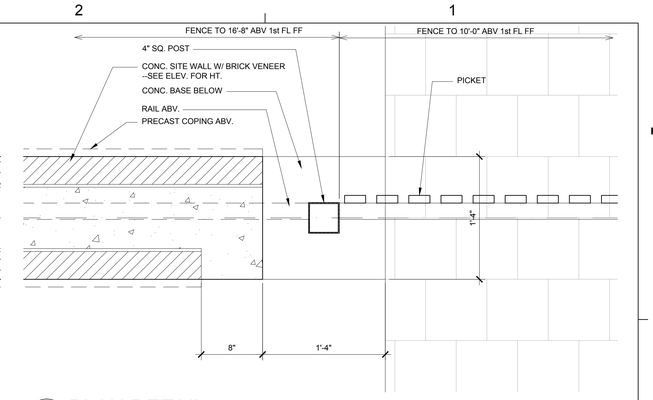
13 AS200 PLAN DETAIL
1-1/2" = 1'-0"



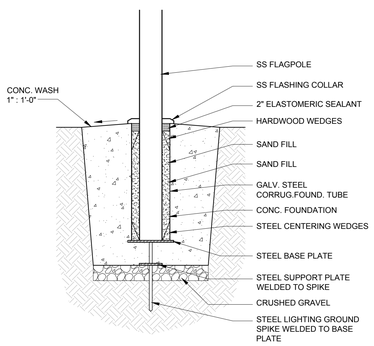
12 AS200 PLAN DETAIL
1-1/2" = 1'-0"



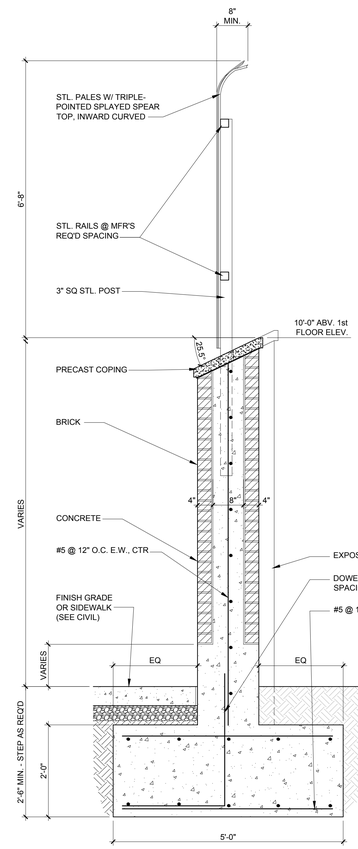
11 AS200 PLAN DETAIL
1-1/2" = 1'-0"



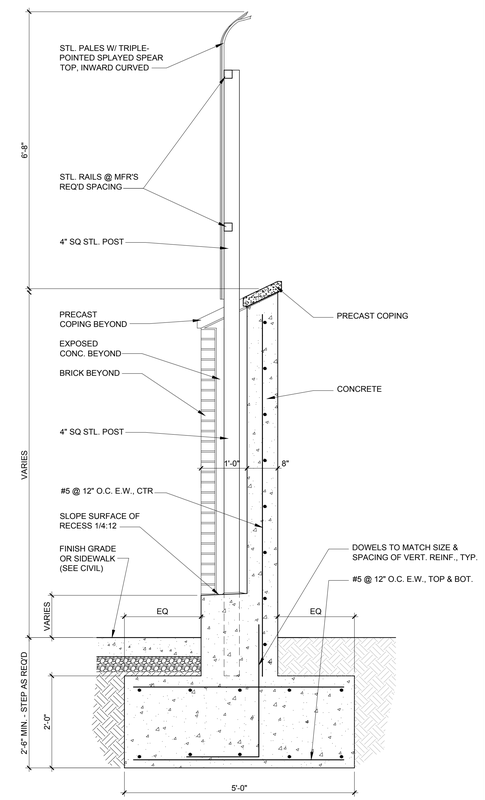
10 AS200 PLAN DETAIL
1-1/2" = 1'-0"



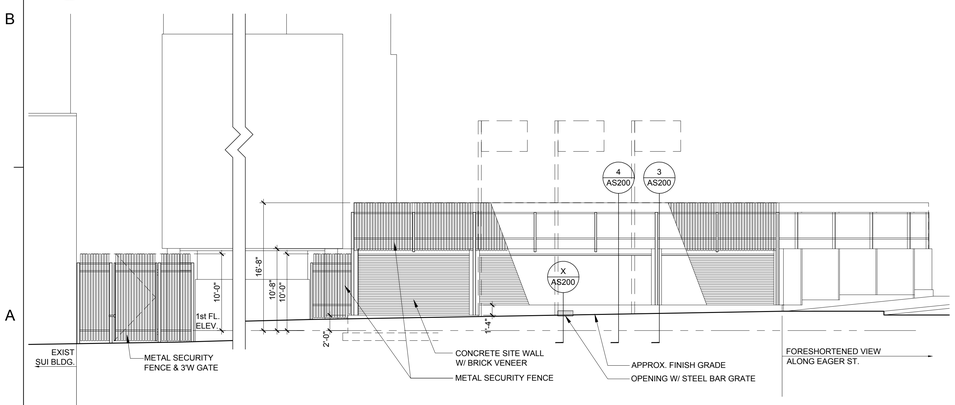
7 AS200 FLAGPOLE BASE DETAIL
3/4" = 1'-0"



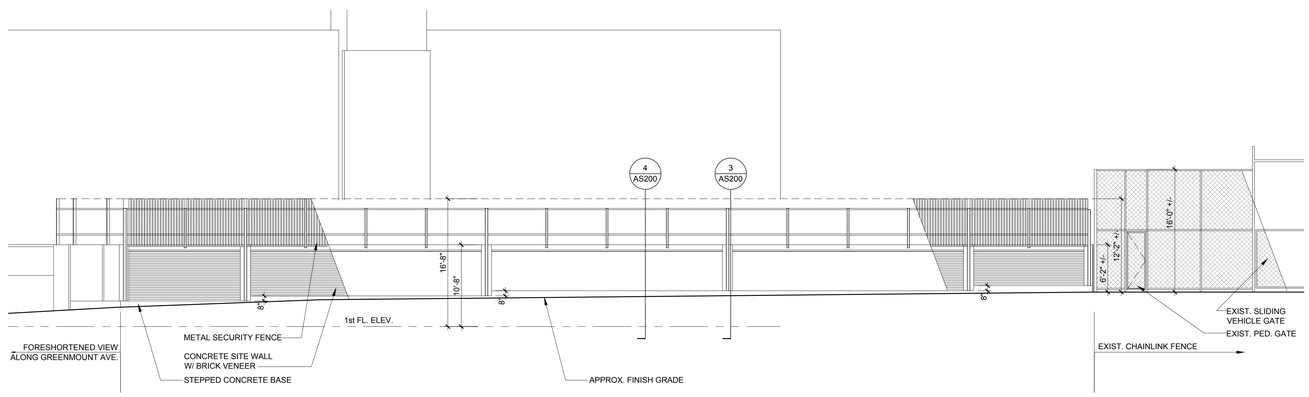
4 AS200 WALL SECTION
3/4" = 1'-0"



3 AS200 WALL SECTION
3/4" = 1'-0"



2 AS200 EAST WALL SITE FENCE / WALL ELEVATION
1/8" = 1'-0"



1 AS200 NORTH WALL SITE FENCE / WALL ELEVATION
1/8" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY +
PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION NO. 6928-R
DANIEL LEROY BAILEY
STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.

Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

TITLE

ARCHITECTURAL SITE DETAILS

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

AS200

SHEET NO. XXX

LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING WALLS AND ELEMENTS TO BE REMOVED
- MASONRY INFILL AT EXISTING OPENINGS RECONFIGURED OR ELIMINATED
- MASONRY TO BE REMOVED AT NEW EXTERIOR OPENINGS
- PORTION OF CONCRETE WALL TO BE REMOVED

KEY NOTES

1. REMOVE ROOF DECK AND STRUCTURE FOR SKYLIGHT. COORDINATE WITH NEW WORK DRAWINGS FOR LOCATION. SEE STRUCTURAL FOR MODIFICATON TO ROOF STRUCTURE AT OPENING.
2. REMOVE ROOFTOP EQUIPMENT. INFILL ROOF OPENINGS PER STRUCT. DWGS.
3. EXIST ROOF DRAIN TO REMAIN.
4. MAINTAIN EXISTING CONSTRUCTION SEPARATING YDC WORK AREA FROM OSTC-OCCUPIED AREA ALONG ENTIRE LENGTH OF SEPARATION: PATCH OR REPAIR EXISTING CMU TO MATCH EXISTING THICKNESS, CONTINUOUS TO STRUCTURE ABOVE.
5. MASONRY INFILL AT EXIST. OPENING. SEE GENERAL NOTES 12 & 13.

GENERAL NOTES

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2. DRAWINGS OF EXISTING BUILDINGS ARE AVAILABLE, AS NOTED IN SPECIFICATIONS
3. SEE SECTION 01 10 00 FOR REQUIREMENTS FOR ACCESS TO OSTC-OCCUPIED AREA OF SUI BUILDING, INCLUDING INTERRUPTION OF UTILITIES, & AREAS OF SITE OUTSIDE PROJECT AREA.
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5. SEE CIVIL SPECIFICATIONS FOR REQUIREMENTS FOR BACKFILL OF EXCAVATION AREA.
6. SEE STRUCTURAL GENERAL NOTES FOR REQUIREMENTS FOR SUPPORT OF EXISTING STRUCTURE, INCLUDING BUT NOT LIMITED TO SHORING, NEEDLING, UNDERPINNING, & SUBMISSIONS OF CALCULATIONS AND DRAWINGS FOR REVIEW.
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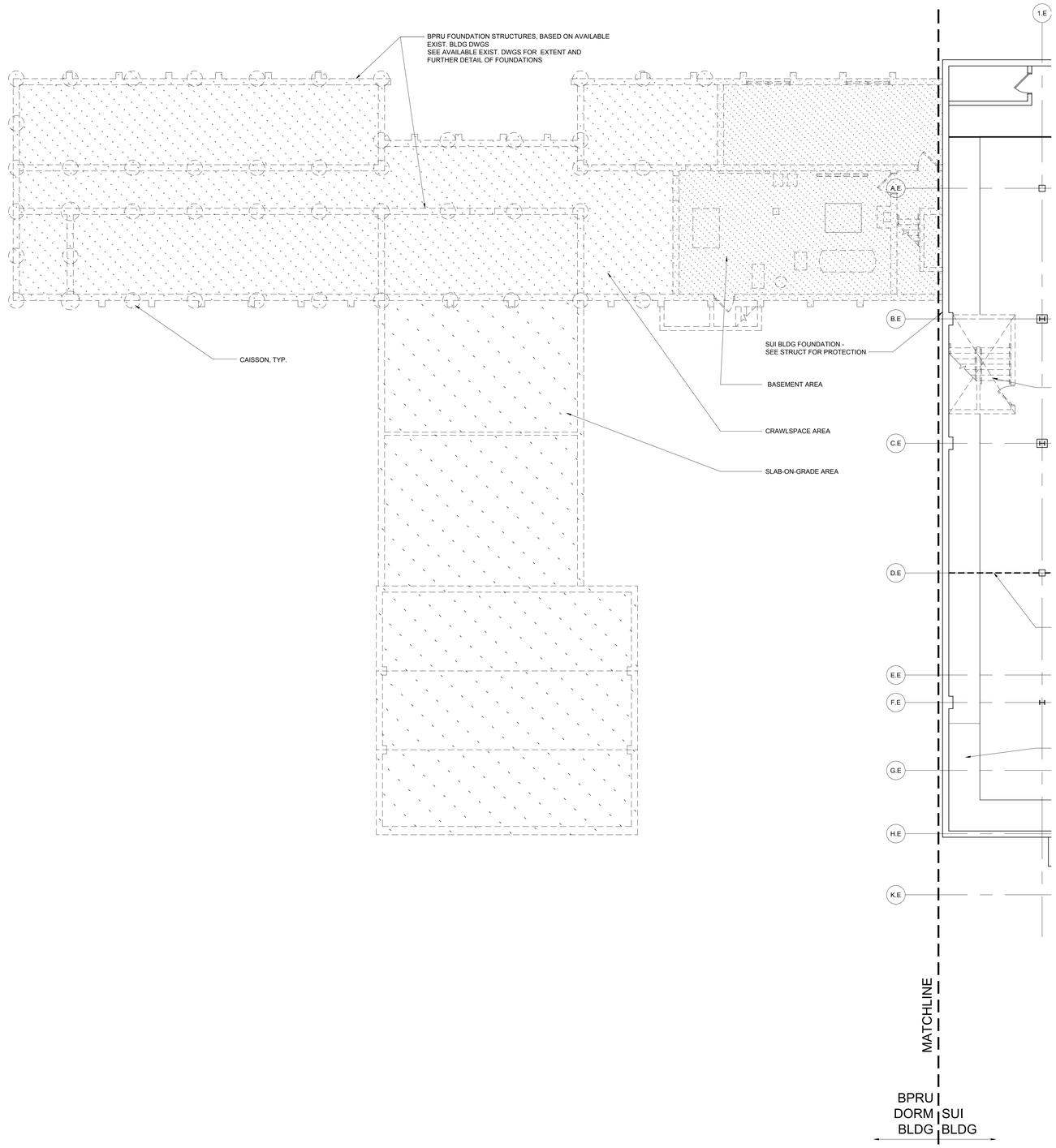
12. AT EXISTING MASONRY WALLS WHERE PARTIAL DEMOLITION IS INDICATED, REMOVE MASONRY IN WHOLE UNITS BY CUTTING ALONG MORTAR JOINTS TO RETAIN INTEGRITY OF EXISTING MASONRY CONSTRUCTION. PROVIDE LINTELS PER STRUCT. DWGS. AT NEW & RECONFIGURED OPGS.
13. WHERE EXISTING EXTERIOR WALL OPENINGS ARE SHOWN TO BE INFILLED, PROVIDE MASONRY UNITS TO MATCH EXISTING ADJACENT UNITS. REMOVE PARTIAL UNITS AT SIDES OF EXIST. OPG & TOOTH NEW UNITS INTO EXISTING, MATCHING JOINT SIZE, MORTAR COLOR & TOOLING. PROVIDE HORIZ. JOINT REINF. @ 8" O.C. AND VERT #4 REINF. BARS AT 8" O.C.
14. COORDINATE WITH DETENTION DRAWINGS FOR EXTENT OF DEMOLITION REQUIRED TO INSTALL DETENTION WINDOWS AND DOORS, AND FOR REQUIREMENTS FOR INFILL AT JAMBS, INCLUDING BUT NOT LIMITED TO ANCHORS SET INTO INFILL CMU AND SOLID GROUTING OF CMU.
15. AT EXISTING ROOFING TO BE DEMOLISHED, REMOVE EXISTING BUILT-UP ROOFNG WITH CARE TO AVOID DAMAGE TO EXISTING GYPSUM ROOF DECK.
16. COORDINATE WITH MEP DWGS FOR ROOF PENETRATIONS REQUIRED FOR NEW EQUIPMENT. PROVIDE SUPPORT FOR NEW OPENINGS IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
17. SEE STRUCT. DWGS FOR INFILL OF OPENINGS AT EXISTING FLOOR CONSTRUCTION.



N

1 AD100A BASEMENT FLOOR PLAN - DEMOLITION AREA A
1/8" = 1'-0"

0' 8' 16'

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION NO. 6928-R
DANIEL LEROY BAILEY
STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.

Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

TITLE

BASEMENT FLOOR PLAN - DEMOLITION AREA A

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

AD100A

SHEET NO. XXX

LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING WALLS AND ELEMENTS TO BE REMOVED
- MASONRY INFILL AT EXISTING OPENINGS RECONFIGURED OR ELIMINATED
- MASONRY TO BE REMOVED AT NEW EXTERIOR OPENINGS
- PORTION OF CONCRETE WALL TO BE REMOVED

KEY NOTES

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2. REMOVE ROOFTOP EQUIPMENT. INFILL ROOF OPENINGS PER STRUCT. DWGS.
3. EXIST ROOF DRAIN TO REMAIN.
4. MAINTAIN EXISTING CONSTRUCTION SEPARATING YDC WORK AREA FROM OSTC-OCCUPIED AREA ALONG ENTIRE LENGTH OF SEPARATION: PATCH OR REPAIR EXISTING CMU TO MATCH EXISTING THICKNESS, CONTINUOUS TO STRUCTURE ABOVE.
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GENERAL NOTES

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9. COORDINATE WITH MEP DWGS FOR EXTENT OF DEMOLITION OF MECH, ELEC, & PLUMBING ELEMENTS.
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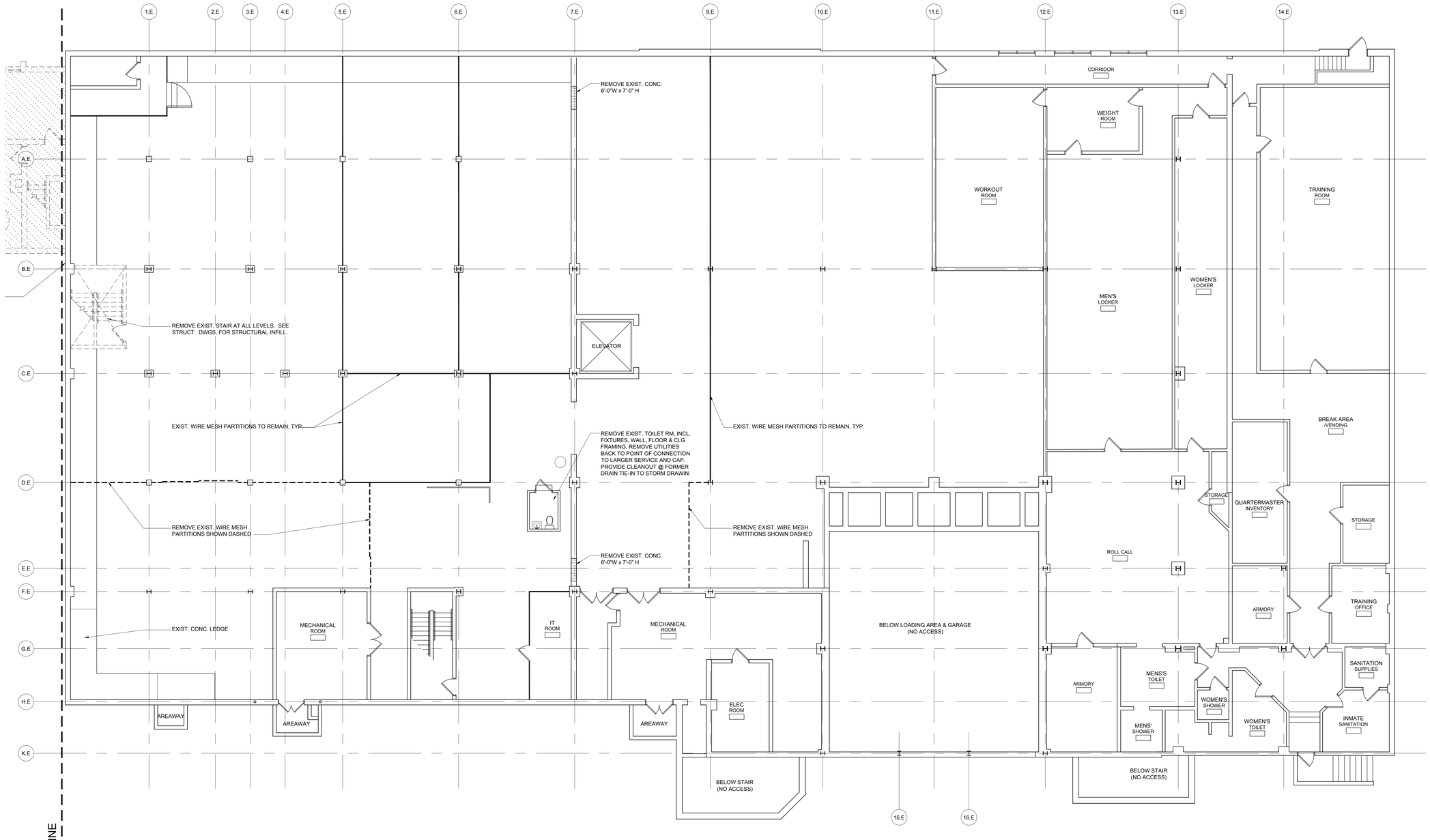
17. SEE STRUCT. DWGS FOR INFILL OF OPENINGS AT EXISTING FLOOR CONSTRUCTION.



1 BASEMENT FLOOR PLAN - DEMOLITION AREA B
AD100B 1/8" = 1'-0"

0' 8' 16'

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION BOARD 6928-R DANIEL LEROY BAILEY STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.

Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

TITLE

BASEMENT FLOOR PLAN - DEMOLITION AREA B

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

AD100B

SHEET NO. XXX

LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING WALLS AND ELEMENTS TO BE REMOVED
- MASONRY INFILL AT EXISTING OPENINGS RECONFIGURED OR ELIMINATED
- MASONRY TO BE REMOVED AT NEW EXTERIOR OPENINGS
- PORTION OF CONCRETE WALL TO BE REMOVED

KEY NOTES

1. REMOVE ROOF DECK AND STRUCTURE FOR SKYLIGHT. COORDINATE WITH NEW WORK DRAWINGS FOR LOCATION. SEE STRUCTURAL FOR MODIFICATON TO ROOF STRUCTURE AT OPENING.
2. REMOVE ROOFTOP EQUIPMENT. INFILL ROOF OPENINGS PER STRUCT. DWGS.
3. EXIST ROOF DRAIN TO REMAIN.
4. MAINTAIN EXISTING CONSTRUCTION SEPARATING YDC WORK AREA FROM OSTC-OCCUPIED AREA ALONG ENTIRE LENGTH OF SEPARATION: PATCH OR REPAIR EXISTING CMU TO MATCH EXISTING THICKNESS, CONTINUOUS TO STRUCTURE ABOVE.
6. MASONRY INFILL AT EXIST. OPENING. SEE GENERAL NOTES 12 & 13.

GENERAL NOTES

1. EXISTING CONDITIONS SHOWN ARE BASED ON AVAILABLE INFORMATION. VERIFY ALL EXISTING CONDITIONS AS THEY RELATE TO THE WORK AND NOTIFY ARCHITECT OF ANY DISCREPANCIES OR UNFORESEEN OR UNEXPECTED CONDITIONS.
2. DRAWINGS OF EXISTING BUILDINGS ARE AVAILABLE, AS NOTED IN SPECIFICATIONS
3. SEE SECTION 01 10 00 FOR REQUIREMENTS FOR ACCESS TO OSTC-OCCUPIED AREA OF SUI BUILDING, INCLUDING INTERRUPTION OF UTILITIES, & AREAS OF SITE OUTSIDE PROJECT AREA.
4. DEMOLISH EXISTING BPRU DORM BUILDING IN ITS ENTIRETY. REMOVE CONCRETE SLABS, FOOTINGS, GRADE BEAMS, PILE CAPS AND UTILITIES WITHIN THE DEMOLISHED BUILDING AREA. CUT CAISSONS TO A MINIMUM OF 2 FEET BELOW NEW SLABS, FOUNDATIONS & PIPING. BASEMENT WALLS & FLOOR SLABS MAY REMAIN IN PLACE, PROVIDED BASEMENT FLOOR SLAB IS BROKEN INTO PIECES LESS THAN 9 SF IN AREA. VAILABLE EXISTING BUILDING DRAWINGS SHOW EXTENT OF FOUNDATION CONSTRUCTION TO BE DEMOLISHED.
5. SEE CIVIL SPECIFICATIONS FOR REQUIREMENTS FOR BACKFILL OF EXCAVATION AREA.
6. SEE STRUCTURAL GENERAL NOTES FOR REQUIREMENTS FOR SUPPORT OF EXISTING STRUCTURE, INCLUDING BUT NOT LIMITED TO SHORING, NEEDLING, UNDERPINNING, & SUBMISSIONS OF CALCULATIONS AND DRAWINGS FOR REVIEW.
7. PERFORM SELECTIVE DEMOLITION AS INDICATED IN SUI BUILDING. DEMOLITION SCOPE IN THE YDC WORK AREA OF THE SUI BUILDING INCLUDES DEMOLITION OF ALL INTERIOR PARTITIONS, CEILINGS, ROOM FINISHES, DOORS AND WINDOW, PLUMBING & LIGHTING FIXTURES, MECHANICAL EQUIPMENT. DEMOLITION WITHIN THE OSTC-OCCUPIED AREA IS LIMITED TO WORK NECESSARY FOR INSTALLATION OF FIRE ALARM, SPRINKLERS, AND UTILITY & MEP COMPONENTS AS IDENTIFIED ON MEP DWGS.
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12. AT EXISTING MASONRY WALLS WHERE PARTIAL DEMOLITION IS INDICATED, REMOVE MASONRY IN WHOLE UNITS BY CUTTING ALONG MORTAR JOINTS TO RETAIN INTEGRITY OF EXISTING MASONRY CONSTRUCTION. PROVIDE LINTELS PER STRUCT. DWGS. AT NEW & RECONFIGURED OPGS.
13. WHERE EXISTING EXTERIOR WALL OPENINGS ARE SHOWN TO BE INFILLED, PROVIDE MASONRY UNITS TO MATCH EXISTING ADJACENT UNITS. REMOVE PARTIAL UNITS AT SIDES OF EXIST. OPG & TOOTH NEW UNITS INTO EXISTING, MATCHING JOINT SIZE, MORTAR COLOR & TOOLING. PROVIDE HORIZ. JOINT REINF. @ 8" O.C. AND VERT #4 REINF. BARS AT 8" O.C.
14. COORDINATE WITH DETENTION DRAWINGS FOR EXTENT OF DEMOLITION REQUIRED TO INSTALL DETENTION WINDOWS AND DOORS, AND FOR REQUIREMENTS FOR INFILL AT JAMBS, INCLUDING BUT NOT LIMITED TO ANCHORS SET INTO INFILL CMU AND SOLID GROUTING OF CMU.
15. AT EXISTING ROOFING TO BE DEMOLISHED, REMOVE EXISTING BUILT-UP ROOFNG WITH CARE TO AVOID DAMAGE TO EXISTING GYPSUM ROOF DECK.
16. COORDINATE WITH MEP DWGS FOR ROOF PENETRATIONS REQUIRED FOR NEW EQUIPMENT. PROVIDE SUPPORT FOR NEW OPENINGS IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
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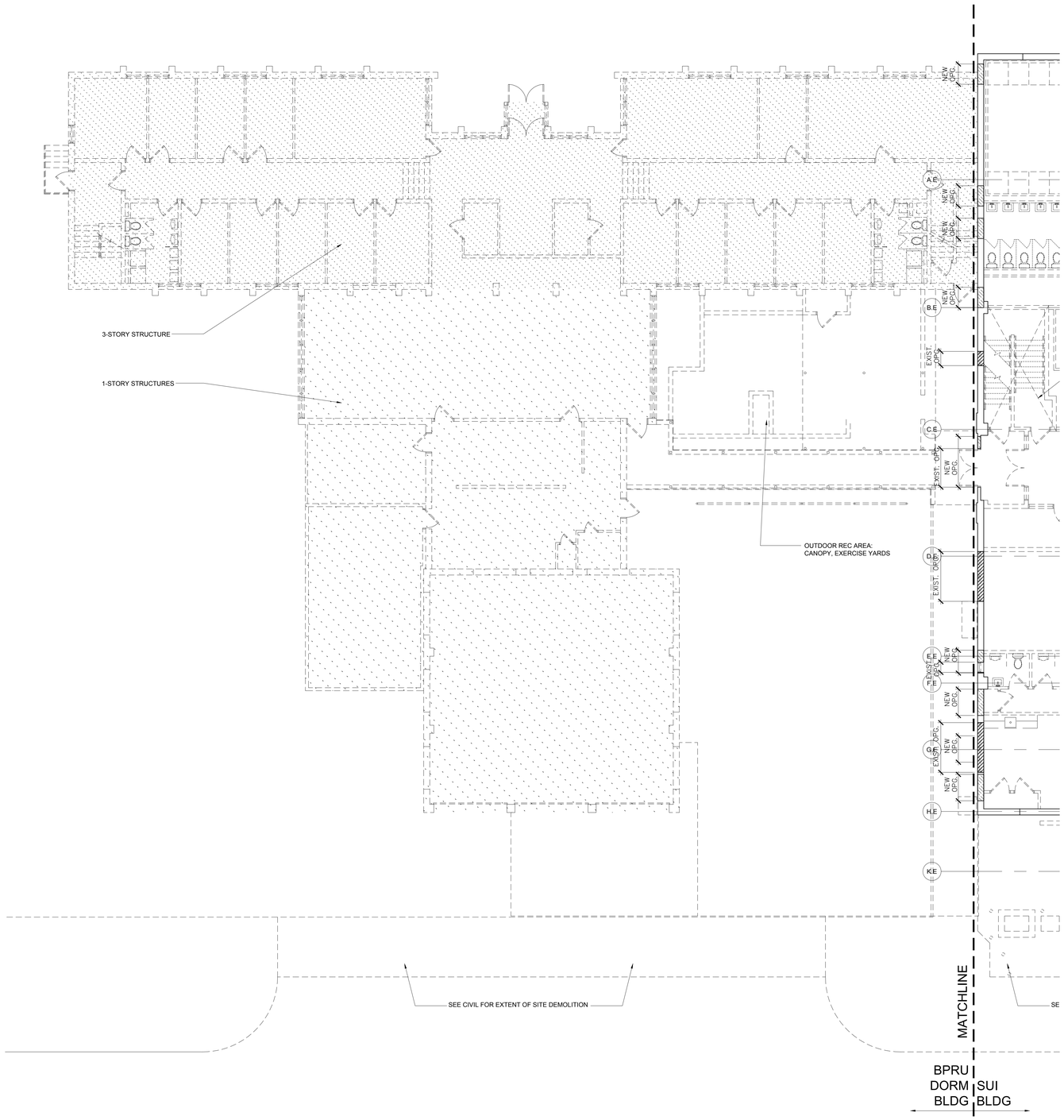

N

1 AD110A FIRST FLOOR PLAN - DEMOLITION AREA A
1/8" = 1'-0"

0' 8' 16'

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

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DANIEL LEROY BAILEY
STATE OF MARYLAND

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License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

TITLE

FIRST FLOOR PLAN - DEMOLITION AREA A

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

AD110A

SHEET NO. XXX

LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING WALLS AND ELEMENTS TO BE REMOVED
- MASONRY INFILL AT EXISTING OPENINGS RECONFIGURED OR ELIMINATED
- MASONRY TO BE REMOVED AT NEW EXTERIOR OPENINGS
- PORTION OF CONCRETE WALL TO BE REMOVED

KEY NOTES

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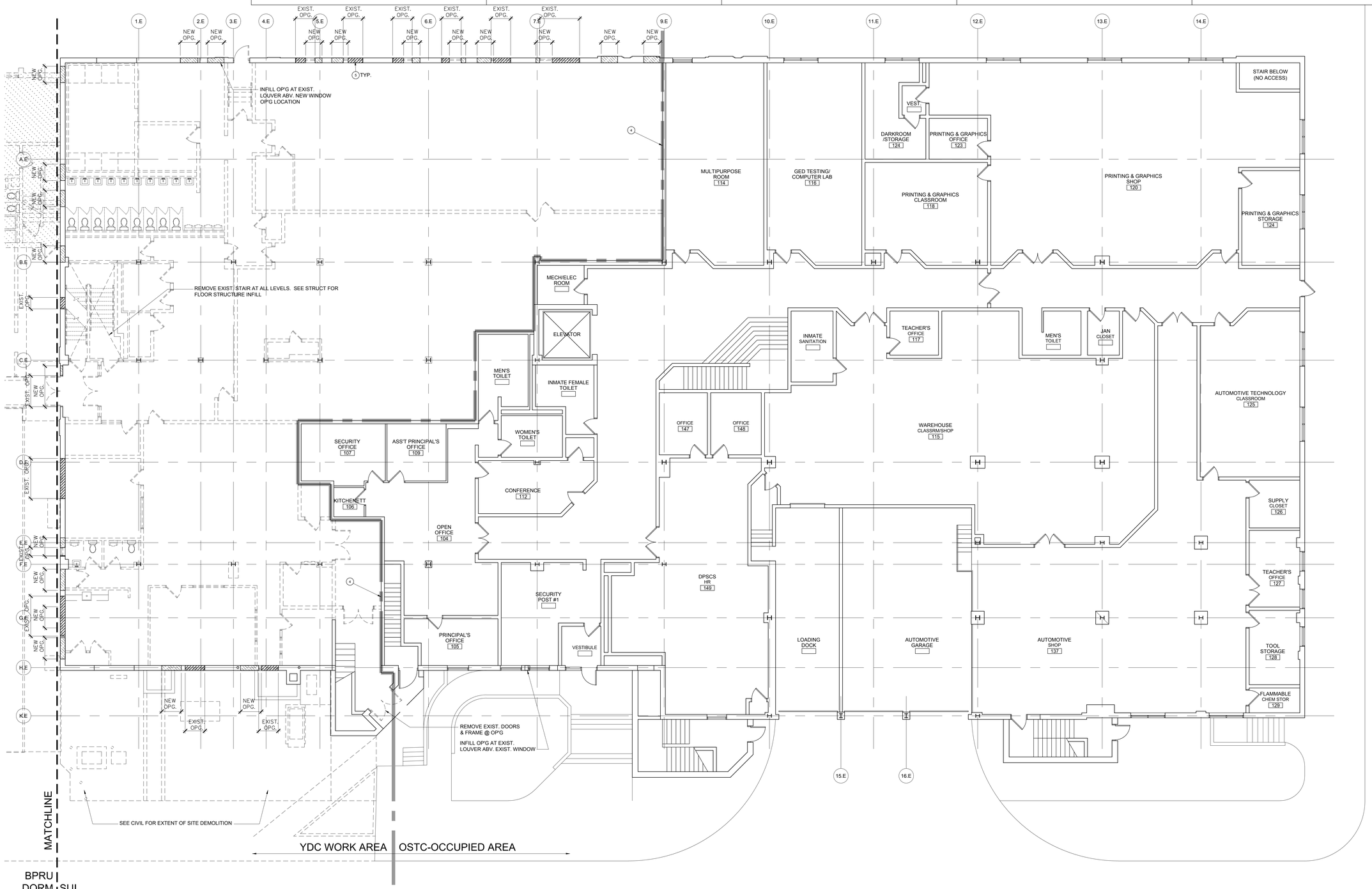

1 FIRST FLOOR PLAN - DEMOLITION AREA B
AD110B 1/8" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION 6928-R DANIEL LEROY BAILEY STATE OF MARYLAND

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License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

TITLE

FIRST FLOOR PLAN - DEMOLITION AREA B

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

AD110B

SHEET NO. XXX

LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING WALLS AND ELEMENTS TO BE REMOVED
- MASONRY INFILL AT EXISTING OPENINGS RECONFIGURED OR ELIMINATED
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KEY NOTES

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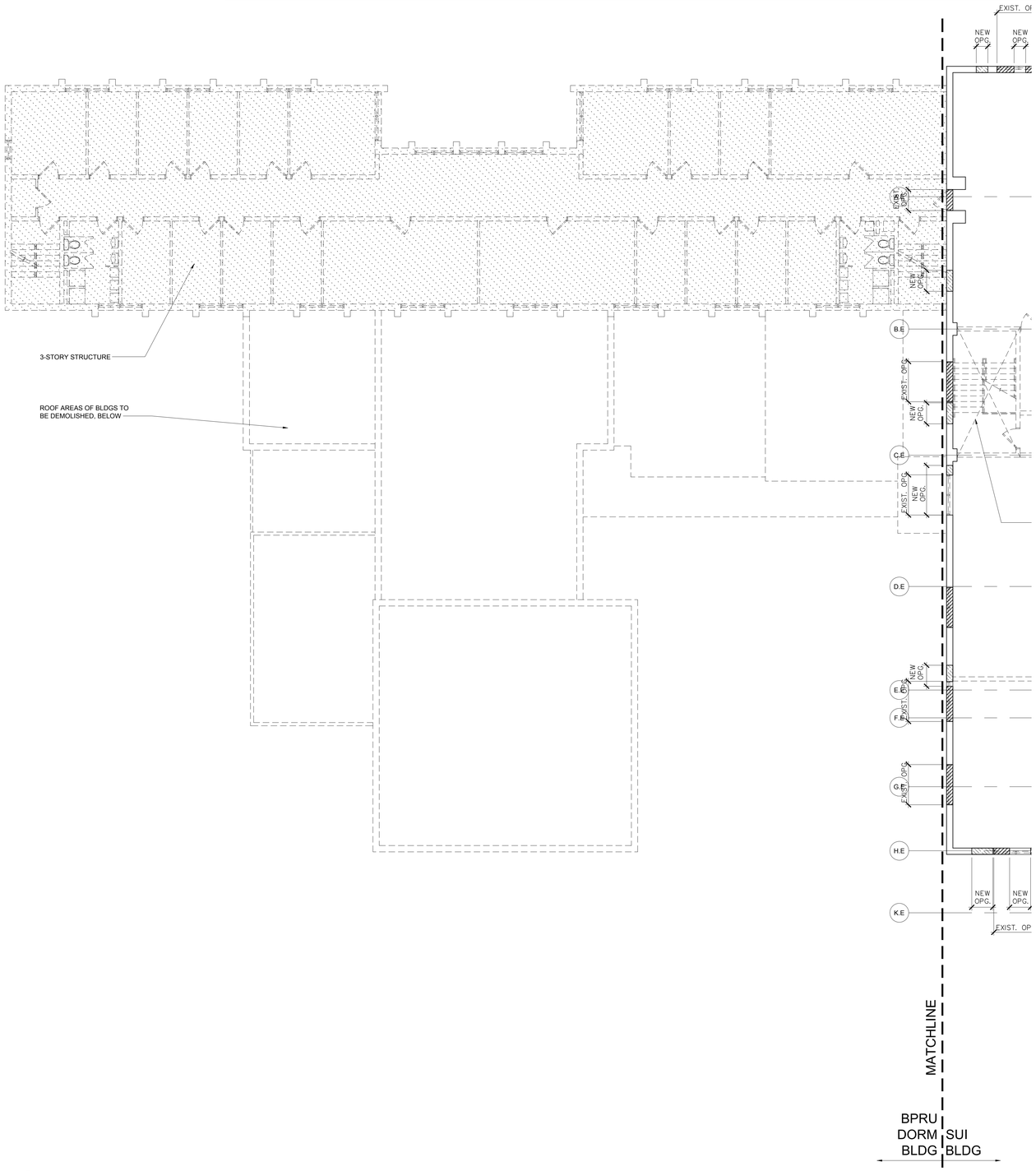

N

1 AD120A SECOND FLOOR PLAN - DEMOLITION AREA A
1/8" = 1'-0"

0" 8" 16"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

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License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

TITLE

SECOND FLOOR PLAN - DEMOLITION AREA A

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

AD120A

SHEET NO. XXX

LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING WALLS AND ELEMENTS TO BE REMOVED
- MASONRY INFILL AT EXISTING OPENINGS RECONFIGURED OR ELIMINATED
- MASONRY TO BE REMOVED AT NEW EXTERIOR OPENINGS
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KEY NOTES

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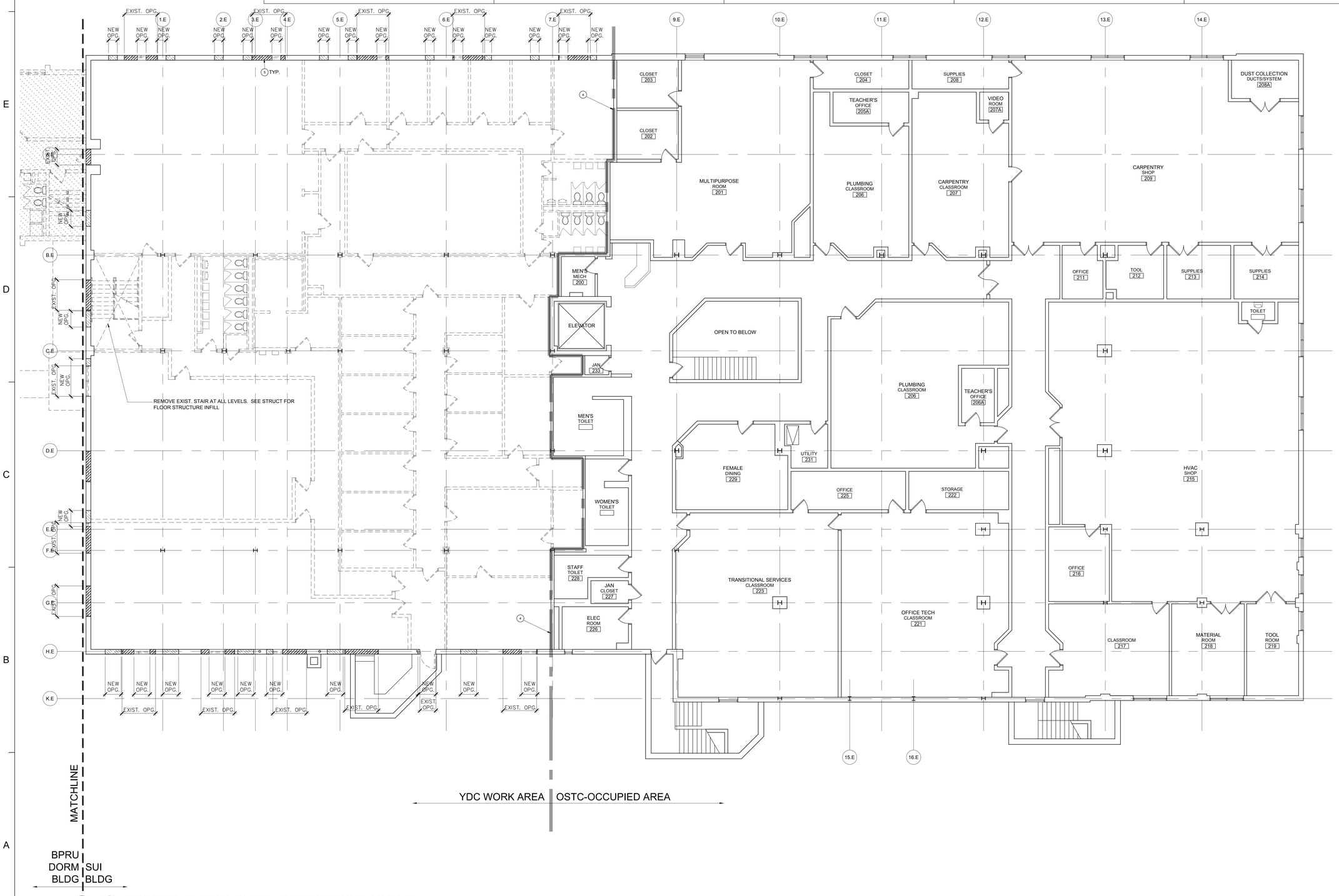
14. COORDINATE WITH DETENTION DRAWINGS FOR EXTENT OF DEMOLITION REQUIRED TO INSTALL DETENTION WINDOWS AND DOORS, AND FOR REQUIREMENTS FOR INFILL AT JAMBS, INCLUDING BUT NOT LIMITED TO ANCHORS SET INTO INFILL CMU AND SOLID GROUTING OF CMU.
15. AT EXISTING ROOFING TO BE DEMOLISHED, REMOVE EXISTING BUILT-UP ROOFNG WITH CARE TO AVOID DAMAGE TO EXISTING GYPSUM ROOF DECK.
16. COORDINATE WITH MEP DWGS FOR ROOF PENETRATIONS REQUIRED FOR NEW EQUIPMENT. PROVIDE SUPPORT FOR NEW OPENINGS IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
17. SEE STRUCT. DWGS FOR INFILL OF OPENINGS AT EXISTING FLOOR CONSTRUCTION.



N

1 AD120B SECOND FLOOR PLAN - DEMOLITION AREA B
1/8" = 1'-0"

0' 8' 16'

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION 6928-R DANIEL LEROY BAILEY STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.

Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

TITLE

SECOND FLOOR PLAN - DEMOLITION AREA B

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

AD120B

SHEET NO. XXX

LEGEND

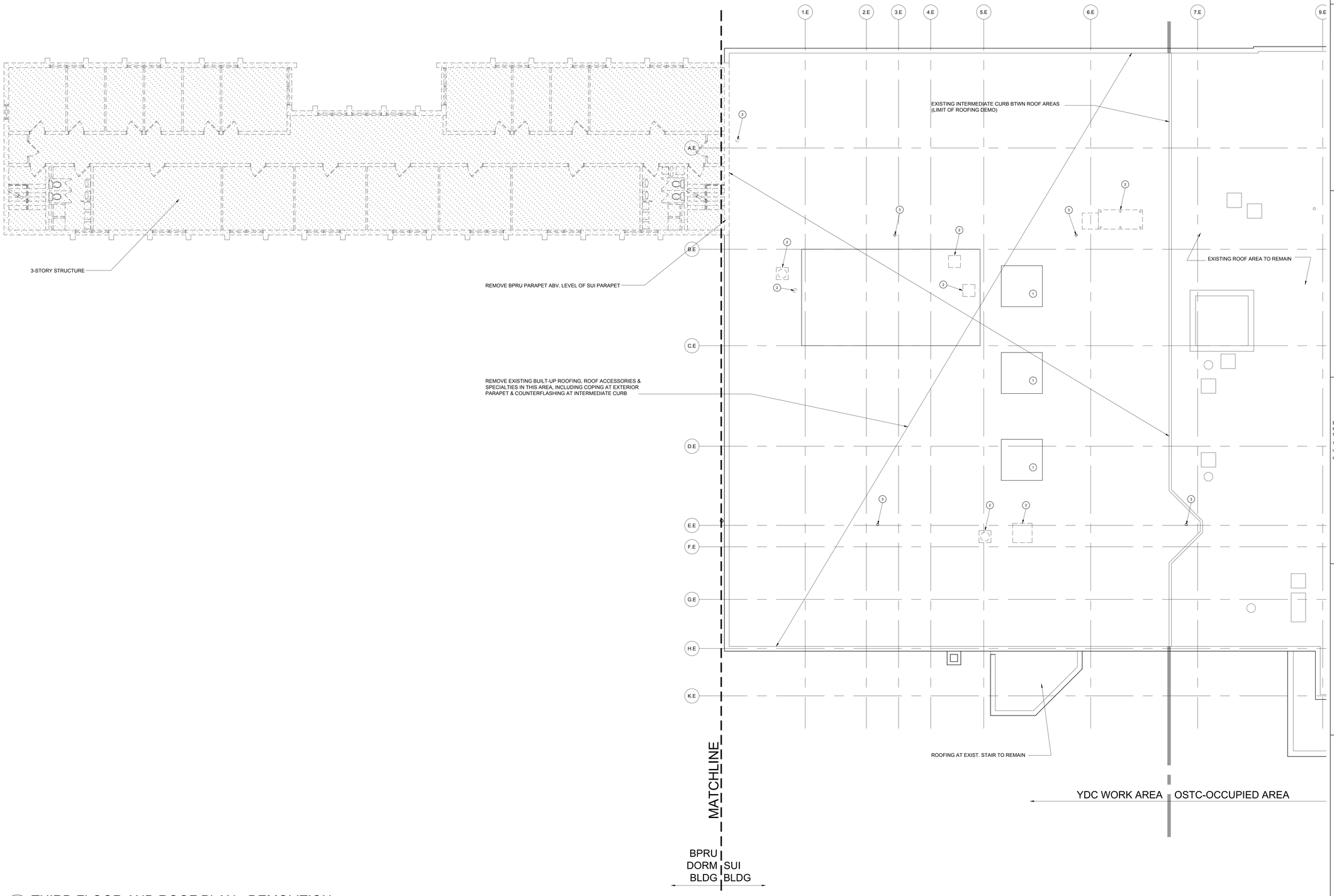
- EXISTING WALLS TO REMAIN
- EXISTING WALLS AND ELEMENTS TO BE REMOVED
- MASONRY INFILL AT EXISTING OPENINGS RECONFIGURED OR ELIMINATED
- MASONRY TO BE REMOVED AT NEW EXTERIOR OPENINGS
- PORTION OF CONCRETE WALL TO BE REMOVED

KEY NOTES

1. REMOVE ROOF DECK AND STRUCTURE FOR SKYLIGHT. COORDINATE WITH NEW WORK DRAWINGS FOR LOCATION. SEE STRUCTURAL FOR MODIFICATON TO ROOF STRUCTURE AT OPENING.
2. REMOVE ROOFTOP EQUIPMENT. INFILL ROOF OPENINGS PER STRUCT. DWGS.
3. EXIST ROOF DRAIN TO REMAIN.
4. MAINTAIN EXISTING CONSTRUCTION SEPARATING YDC WORK AREA FROM OSTC-OCCUPIED AREA ALONG ENTIRE LENGTH OF SEPARATION: PATCH OR REPAIR EXISTING CMU TO MATCH EXISTING THICKNESS, CONTINUOUS TO STRUCTURE ABOVE.
5. MASONRY INFILL AT EXIST. OPENING. SEE GENERAL NOTES 12 & 13.

GENERAL NOTES

1. EXISTING CONDITIONS SHOWN ARE BASED ON AVAILABLE INFORMATION. VERIFY ALL EXISTING CONDITIONS AS THEY RELATE TO THE WORK AND NOTIFY ARCHITECT OF ANY DISCREPANCIES OR UNFORESEEN OR UNEXPECTED CONDITIONS.
2. DRAWINGS OF EXISTING BUILDINGS ARE AVAILABLE, AS NOTED IN SPECIFICATIONS
3. SEE SECTION 01 10 00 FOR REQUIREMENTS FOR ACCESS TO OSTC-OCCUPIED AREA OF SUI BUILDING, INCLUDING INTERRUPTION OF UTILITIES, & AREAS OF SITE OUTSIDE PROJECT AREA.
4. DEMOLISH EXISTING BPRU DORM BUILDING IN ITS ENTIRETY. REMOVE CONCRETE SLABS, FOOTINGS, GRADE BEAMS, PILE CAPS AND UTILITIES WITHIN THE DEMOLISHED BUILDING AREA. CUT CAISSONS TO A MINIMUM OF 2 FEET BELOW NEW SLABS, FOUNDATIONS & PIPING. BASEMENT WALLS & FLOOR SLABS MAY REMAIN IN PLACE, PROVIDED BASEMENT FLOOR SLAB IS BROKEN INTO PIECES LESS THAN 9 SF IN AREA. VAILABLE EXISTING BUILDING DRAWINGS SHOW EXTENT OF FOUNDATION CONSTRUCTION TO BE DEMOLISHED.
5. SEE CIVIL SPECIFICATIONS FOR REQUIREMENTS FOR BACKFILL OF EXCAVATION AREA.
6. SEE STRUCTURAL GENERAL NOTES FOR REQUIREMENTS FOR SUPPORT OF EXISTING STRUCTURE, INCLUDING BUT NOT LIMITED TO SHORING, NEEDLING, UNDERPINNING, & SUBMISSIONS OF CALCULATIONS AND DRAWINGS FOR REVIEW.
7. PERFORM SELECTIVE DEMOLITION AS INDICATED IN SUI BUILDING. DEMOLITION SCOPE IN THE YDC WORK AREA OF THE SUI BUILDING INCLUDES DEMOLITION OF ALL INTERIOR PARTITIONS, CEILINGS, ROOM FINISHES, DOORS AND WINDOW, PLUMBING & LIGHTING FIXTURES, MECHANICAL EQUIPMENT. DEMOLITION WITHIN THE OSTC-OCCUPIED AREA IS LIMITED TO WORK NECESSARY FOR INSTALLATION OF FIRE ALARM, SPRINKLERS, AND UTILITY & MEP COMPONENTS AS IDENTIFIED ON MEP DWGS.
8. DASHED LINES INDICATE ELEMENTS TO BE REMOVED, UNLESS NOTED OTHERWISE. COORDINATE EXTENT OF REMOVAL WITH NEW WORK.
9. COORDINATE WITH MEP DWGS FOR EXTENT OF DEMOLITION OF MECH, ELEC, & PLUMBING ELEMENTS.
10. COORDINATE WITH CIVIL DRAWINGS FOR EXTENT OF REMOVAL OF SITE ELEMENTS, INCLUDING UTILITIES TO BE SHUT OFF, CAPPED OFF OR SEALED, & ABANDONED IN PLACE OR PROTECTED FOR REUSE.
11. REMOVAL OF A PARTICULAR ITEM, E.G. WALLS, DOORS, ETC., IS TO INCLUDE ALL RELATED ITEMS, ELECTRICAL, MECHANICAL, PLUMBING AND HARDWARE, CONTAINED THEREIN. IT IS ALSO TO INCLUDE PATCHING OF ANY DAMAGE OR HOLES IN THE EXISTING TO REMAIN AS A RESULT OF REMOVAL. CAP ALL LINES CAUSED BY REMOVED FIXTURES. DO NOT REMOVE MORE THAN IS NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.
12. AT EXISTING MASONRY WALLS WHERE PARTIAL DEMOLITION IS INDICATED, REMOVE MASONRY IN WHOLE UNITS BY CUTTING ALONG MORTAR JOINTS TO RETAIN INTEGRITY OF EXISTING MASONRY CONSTRUCTION. PROVIDE LINTELS PER STRUCT. DWGS. AT NEW & RECONFIGURED OPGS.
13. WHERE EXISTING EXTERIOR WALL OPENINGS ARE SHOWN TO BE INFILLED, PROVIDE MASONRY UNITS TO MATCH EXISTING ADJACENT UNITS. REMOVE PARTIAL UNITS AT SIDES OF EXIST. OPG & TOOTH NEW UNITS INTO EXISTING, MATCHING JOINT SIZE, MORTAR COLOR & TOOLING. PROVIDE HORIZ. JOINT REINF. @ 8" O.C. AND VERT #4 REINF. BARS AT 8" O.C.
14. COORDINATE WITH DETENTION DRAWINGS FOR EXTENT OF DEMOLITION REQUIRED TO INSTALL DETENTION WINDOWS AND DOORS, AND FOR REQUIREMENTS FOR INFILL AT JAMBS, INCLUDING BUT NOT LIMITED TO ANCHORS SET INTO INFILL CMU AND SOLID GROUTING OF CMU.
15. AT EXISTING ROOFING TO BE DEMOLISHED, REMOVE EXISTING BUILT-UP ROOFNG WITH CARE TO AVOID DAMAGE TO EXISTING GYPSUM ROOF DECK.
16. COORDINATE WITH MEP DWGS FOR ROOF PENETRATIONS REQUIRED FOR NEW EQUIPMENT. PROVIDE SUPPORT FOR NEW OPENINGS IN ACCORDANCE WITH STRUCTURAL DRAWINGS.
17. SEE STRUCT. DWGS FOR INFILL OF OPENINGS AT EXISTING FLOOR CONSTRUCTION.



N

1 AD130 THIRD FLOOR AND ROOF PLAN - DEMOLITION
1/8" = 1'-0"

0' 8' 16'

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION 6928-R DANIEL LEROY BAILEY STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.

Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

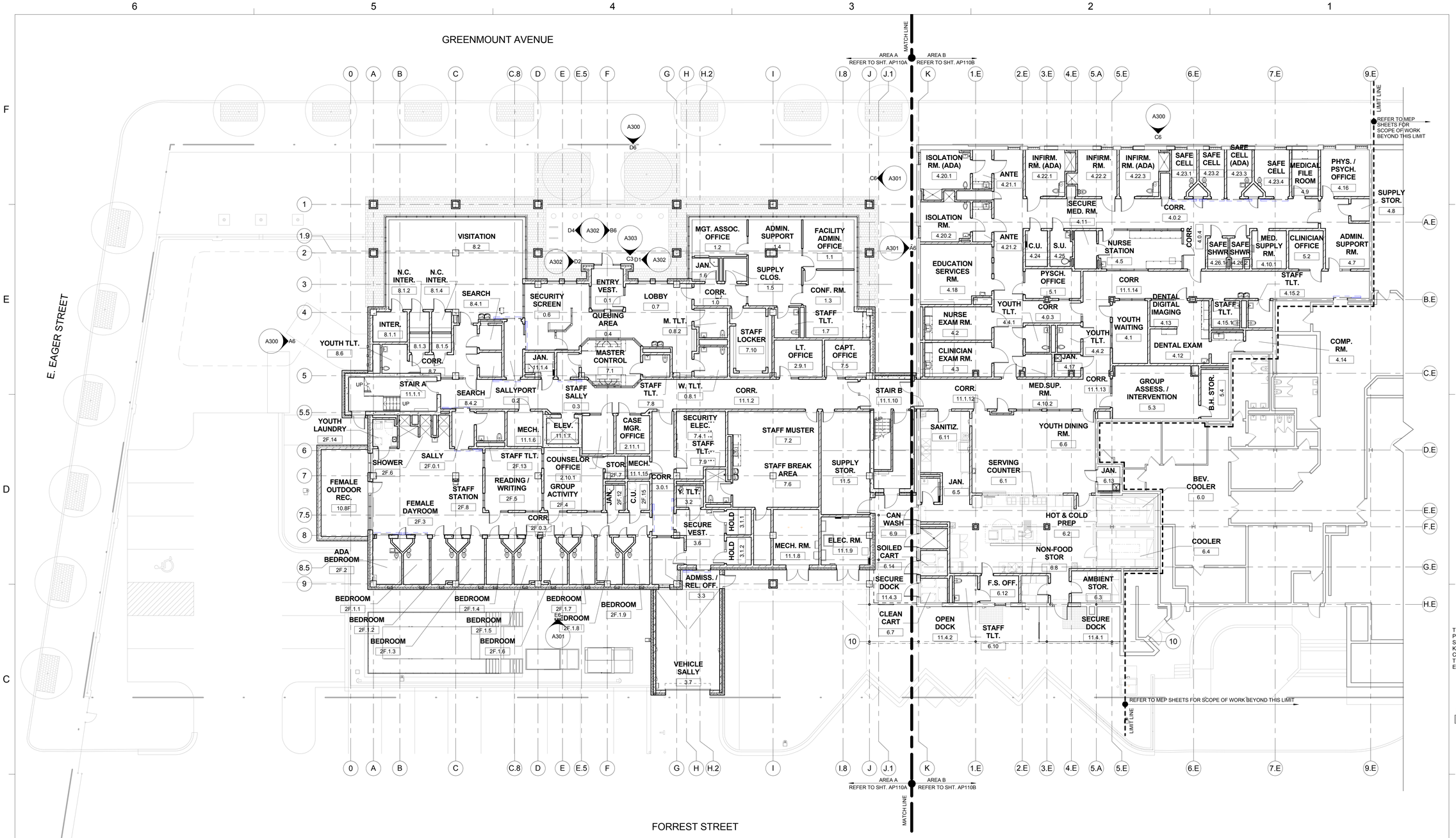
TITLE

THIRD FLOOR & ROOF PLAN - DEMOLITION

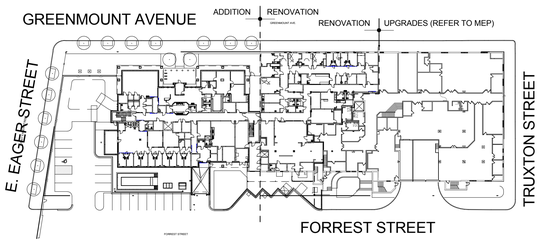
PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

AD130

SHEET NO. XXX



1 FIRST FLOOR PLAN - OVERALL
Scale: 3/32" = 1'-0"



2 PROJECT EXTENTS - FIRST FLOOR
Scale: 1/64" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

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Consulting Engineers
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BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

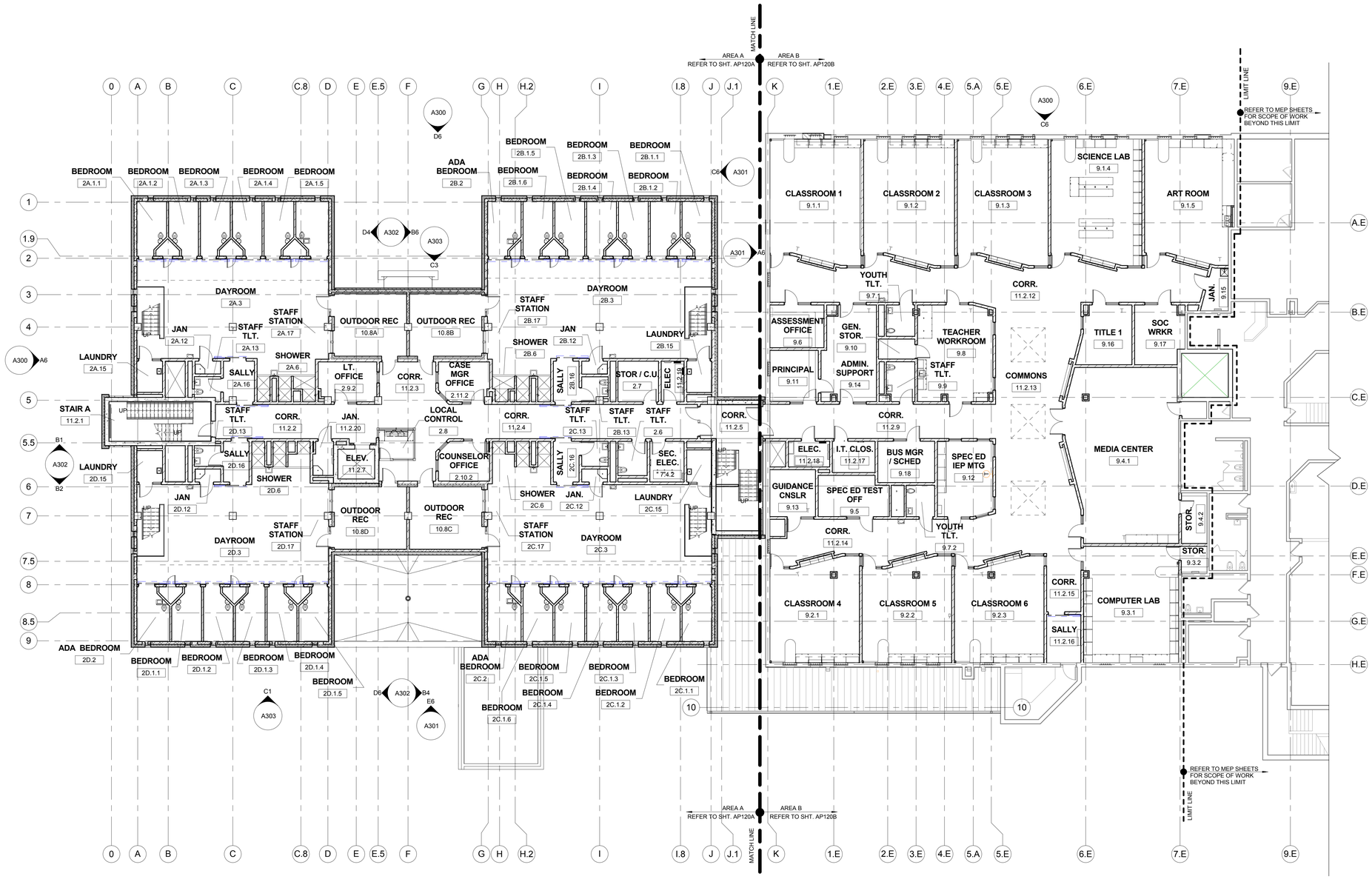
TITLE

FIRST FLOOR PLAN - OVERALL

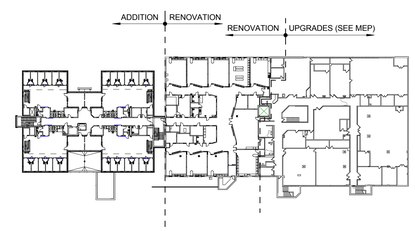
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AO110

SHEET NO.



N 1 SECOND FLOOR PLAN - OVERALL
Scale: 3/32" = 1'-0"



N 2 PROJECT EXTENTS - OVERALL
Scale: 1/64" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
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SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

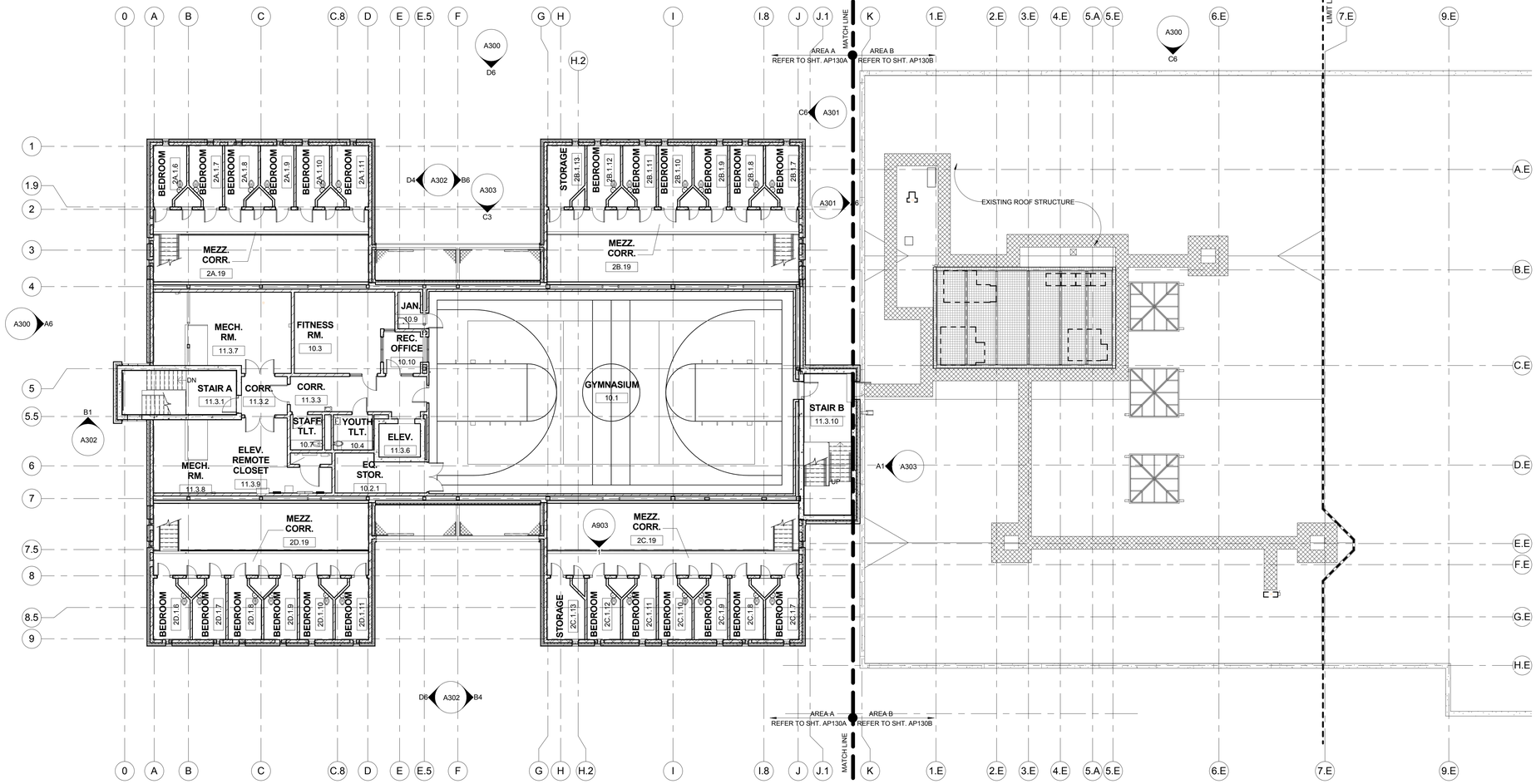
TITLE

SECOND FLOOR PLAN - OVERALL

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

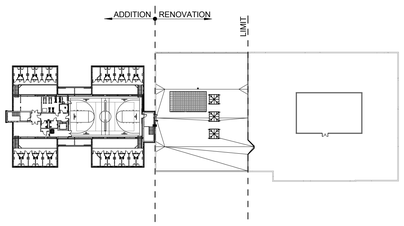
AO120

SHEET NO.



1 THIRD FLOOR - OVERALL

Scale: 3/32" = 1'-0"



2 PROJECT EXTENTS - THIRD FLOOR

Scale: 1/64" = 1'-0"

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EBA ENGINEERING

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

THIRD FLOOR PLAN - OVERALL

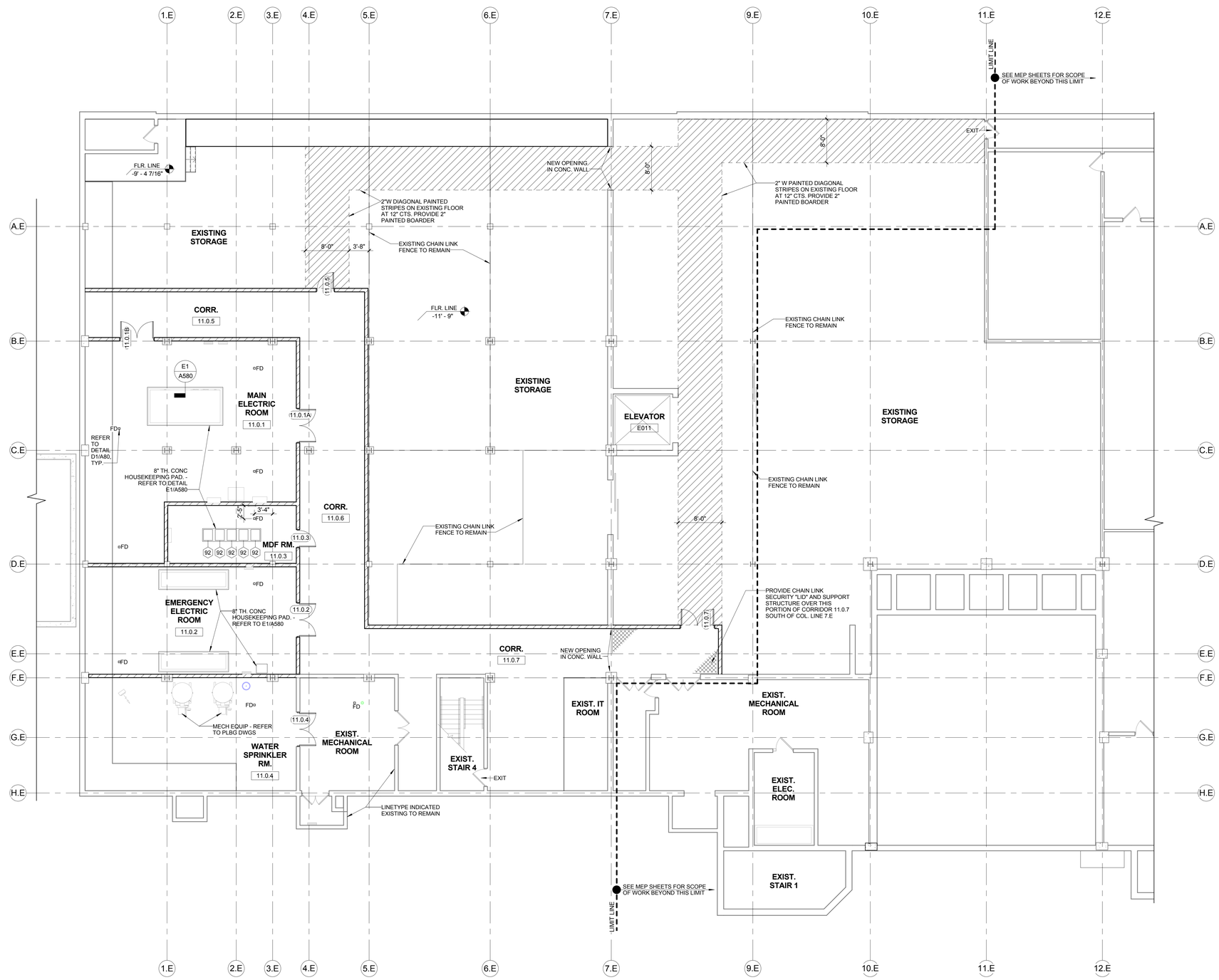
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AO130

SHEET NO.

GENERAL NOTES

1. PROVIDE TAMPER-PROOF METAL FASTENERS PER PROJECT MANUAL SPECIFICATIONS.
2. PROVIDE SECURITY JOINT SEALANTS PER PROJECT MANUAL SPECIFICATIONS.
3. REFER TO EQUIPMENT SCHEDULE ON FE SHEET SERIES FOR REQUIREMENTS RELATED TO EQUIPMENT TAGGED (#) HERE.
4. SET FLOOR DRAINS FLUSH WITH FINISH FLOORING, UNLESS NOTED OR DETAILED OTHERWISE. SEE RM FINISH SCHEDULE FOR FLOOR FINISH REQUIREMENTS.
5. REFER TO A600 SHTS FOR ADDITIONAL REQUIREMENTS RELATED TO ARCHITECTURAL DOORS AND GLAZED FRAMES TAGGED HERE.
6. REFER TO DETENTION DRAWINGS FOR ADDITIONAL REQUIREMENTS RELATED TO DETENTION WINDOWS, DOORS, AND GLAZED FRAMES TAGGED HERE.
7. REFER TO DETENTION DWGS FOR ADDITIONAL REQUIREMENTS RELATED TO METAL SECURITY MESH ENCLOSURES SHOWN HERE.
8. REFER TO ARCH SITE PLANS AND CIVIL DWGS FOR ADDITIONAL REQUIREMENTS RELATED TO SITE WORK REFERENCED HERE.
9. REFER TO THE A200 SERIES DRAWINGS - LARGE SCALE FLOOR PLANS FOR ADDITIONAL CONSTRUCTION DETAIL INDICATORS ASSOCIATED TO THESE FLOOR PLANS.
10. SET FLOOR DRAINS (FD) FLUSH WITH FINISH FLOOR UNLESS NOTED OTHERWISE.



N

1 BASEMENT FLOOR PLAN - AREA B

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

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Consulting Engineers
INDUSTRY PARK DR. SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

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SEAL

ARCHITECT 13814 JAMES L. BEIGH STATE OF MARYLAND

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

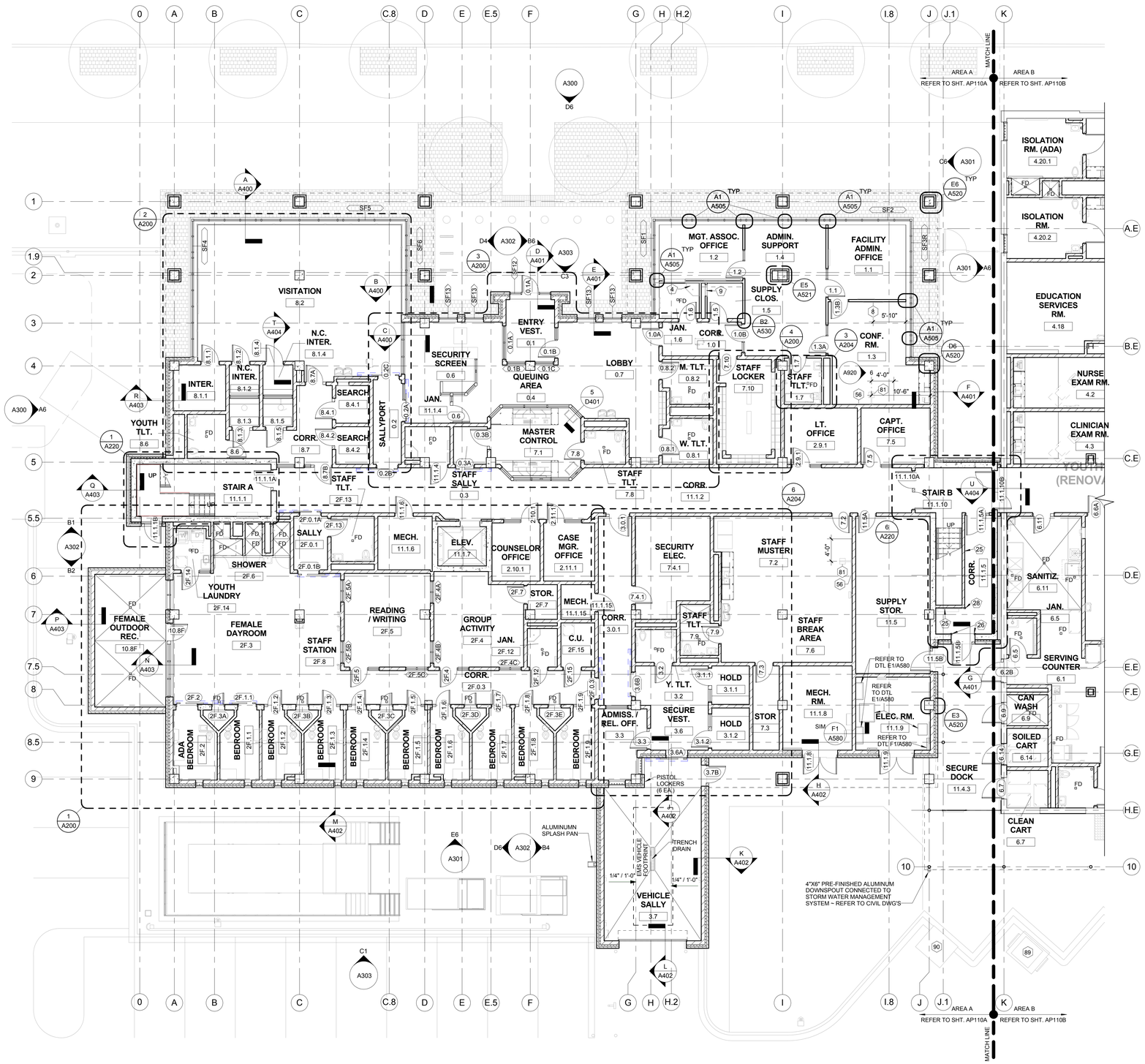
TITLE

BASEMENT FLOOR PLAN - AREA B

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AP100B

SHEET NO.



1 FIRST FLOOR PLAN - AREA A

Scale: 1/8" = 1'-0"

GENERAL NOTES

1. PROVIDE TAMPER-PROOF METAL FASTENERS PER PROJECT MANUAL SPECIFICATIONS.
2. PROVIDE SECURITY JOINT SEALANTS PER PROJECT MANUAL SPECIFICATIONS.
3. REFER TO EQUIPMENT SCHEDULE ON FE SHEET SERIES FOR REQUIREMENTS RELATED TO EQUIPMENT TAGGED (#) HERE.
4. SET FLOOR DRAINS FLUSH WITH FINISH FLOORING, UNLESS NOTED OR DETAILED OTHERWISE. SEE RM FINISH SCHEDULE FOR FLOOR FINISH REQUIREMENTS.
5. REFER TO A600 SHTS FOR ADDITIONAL REQUIREMENTS RELATED TO ARCHITECTURAL DOORS AND GLAZED FRAMES TAGGED HERE.
6. REFER TO DETENTION DRAWINGS FOR ADDITIONAL REQUIREMENTS RELATED TO DETENTION WINDOWS, DOORS, AND GLAZED FRAMES TAGGED HERE.
7. REFER TO DETENTION DWGS FOR ADDITIONAL REQUIREMENTS RELATED TO METAL SECURITY MESH ENCLOSURES SHOWN HERE.
8. REFER TO ARCH SITE PLANS AND CIVIL DWGS FOR ADDITIONAL REQUIREMENTS RELATED TO SITE WORK REFERENCED HERE.
9. REFER TO THE A200 SERIES DRAWINGS - LARGE SCALE FLOOR PLANS FOR ADDITIONAL CONSTRUCTION DETAIL INDICATORS ASSOCIATED TO THESE FLOOR PLANS.
10. SET FLOOR DRAINS (FD) FLUSH WITH FINISH FLOOR UNLESS NOTED OTHERWISE.

KEYED PLAN # NOTES

NO.	DESCRIPTION
1	WALL MOUNTED LAV (ADA) - REFER TO PLBG DWGS
2	WALL MOUNTED WC (ADA) - REFER TO PLBG DWGS
3	ELECTRIC WATER COOLER (ADA) - REFER TO PLBG DWGS
4	MOP SINK BASIN - REFER TO PLBG DWGS
5	DETENTION COMBINATION UNIT (ADA) - REFER TO DET AND PLBG DWGS
6	DETENTION COMBINATION UNIT - REFER TO DET AND PLBG DWGS
7	18"W x 18"H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
8	18"W x 18"H DETENTION ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION - REFER TO DET. DWG D.501
9	24"W X 24" H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
10	15"W x 15"H ACCESS PANEL - COORD. EXACT LOCATION
11	DETENTION SHOWER FIXTURE - REFER TO PLBG DWGS
12	DETENTION WATER FOUNTAIN - REFER TO PLBG DWGS
13	DETENTION LAV (ADA) - REFER TO PLBG DWGS
14	DETENTION WC (ADA) - REFER TO PLBG DWGS
15	SINK WITH FOOT PEDAL CONTROLS - REFER TO PLBG DWGS
16	NOT USED
17	DETENTION SHOWER FIXTURE (ADA) - REFER TO PLBG DWGS
18	WALL MTD 3-TIER OPEN SHELVING - REFER TO DETENTION DWGS
19	DETENTION DESK - REFER TO DETENTION DWGS
20	WALL MTD OPEN SHELF, LOCATED OVER DESK - REFER TO DETENTION DWGS
21	FLOOR MTD DETENTION STOOL, CENTER ON DESK - REFER TO DETENTION DWGS
22	FLOOR MTD DETENTION BED - REFER TO DETENTION DWGS
23	WALL MTD DETENTION MIRROR - REFER TO DETENTION DWGS
24	HDPE WALL GUARD - TYPE A - DTL A6/A581
25	HDPE WALL GUARD - TYPE B - DTL A6/A581
26	HDPE 3 1/2" CORNER GUARD - TYPE A - DTL A6/A581
27	HDPE 3 1/2" CORNER GUARD - TYPE B - DTL A6/A581
28	HDPE 3 1/2" CORNER GUARD - TYPE C - DTL A6/A581
29	PAINTED MTL STAIRS, STL BAR GRATE TREADS, PIPE GUARDRAIL AND HANDRAILS, TYP IN HOUSING UNITS
30	MOP RACK

A JOINT-VENTURE BETWEEN
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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

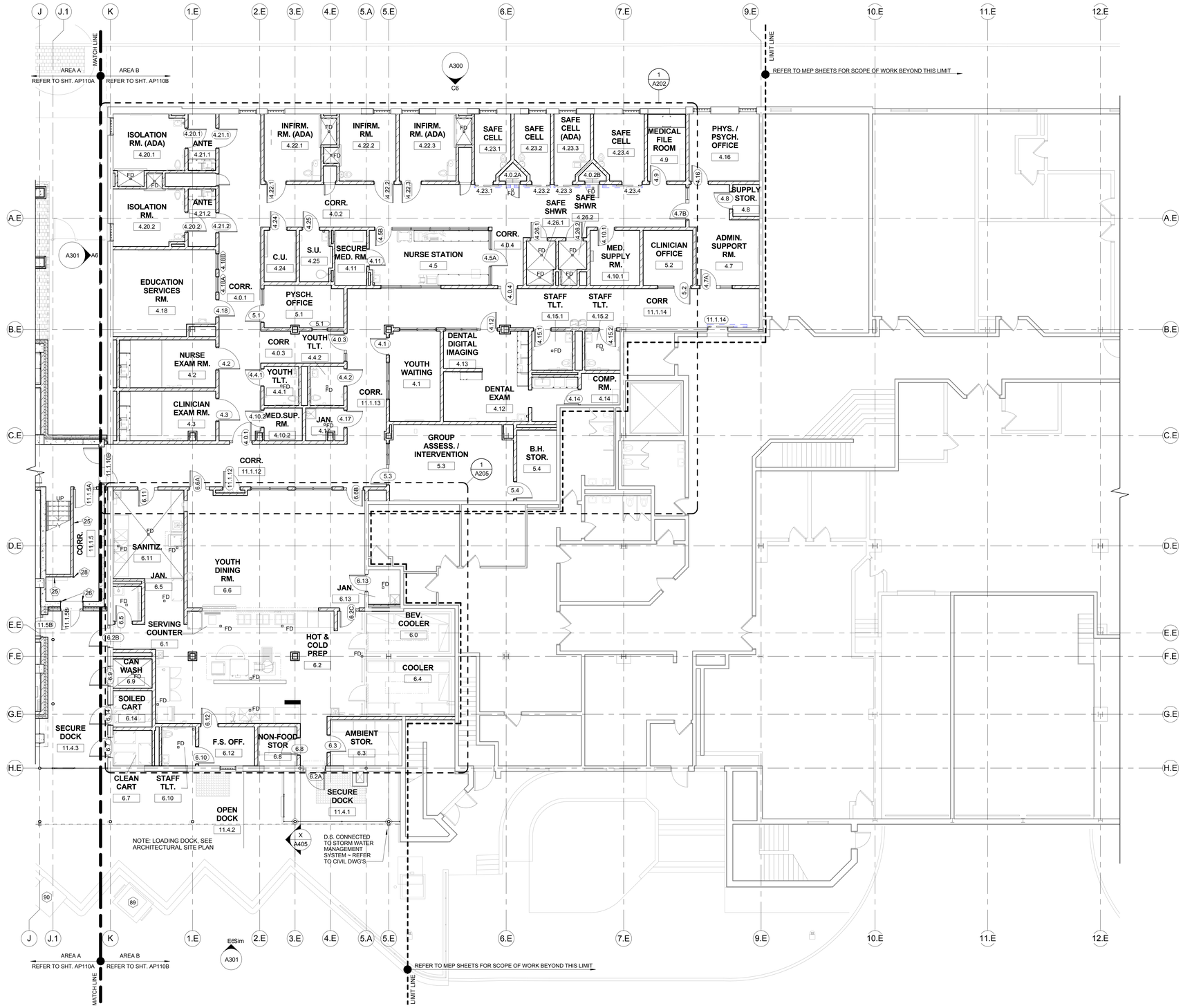
TITLE

FIRST FLOOR PLAN AREA A

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AP110A

SHEET NO.



1 FIRST FLOOR PLAN - AREA B

Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"

GENERAL NOTES

1. PROVIDE TAMPER-PROOF METAL FASTENERS PER PROJECT MANUAL SPECIFICATIONS.
2. PROVIDE SECURITY JOINT SEALANTS PER PROJECT MANUAL SPECIFICATIONS.
3. REFER TO EQUIPMENT SCHEDULE ON FE SHEET SERIES FOR REQUIREMENTS RELATED TO EQUIPMENT TAGGED (#) HERE.
4. SET FLOOR DRAINS FLUSH WITH FINISH FLOORING, UNLESS NOTED OR DETAILED OTHERWISE. SEE RM FINISH SCHEDULE FOR FLOOR FINISH REQUIREMENTS.
5. REFER TO A600 SHTS FOR ADDITIONAL REQUIREMENTS RELATED TO ARCHITECTURAL DOORS AND GLAZED FRAMES TAGGED HERE.
6. REFER TO DETENTION DRAWINGS FOR ADDITIONAL REQUIREMENTS RELATED TO DETENTION WINDOWS, DOORS, AND GLAZED FRAMES TAGGED HERE.
7. REFER TO DETENTION DWGS FOR ADDITIONAL REQUIREMENTS RELATED TO METAL SECURITY MESH ENCLOSURES SHOWN HERE.
8. REFER TO ARCH SITE PLANS AND CIVIL DWGS FOR ADDITIONAL REQUIREMENTS RELATED TO SITE WORK REFERENCED HERE.
9. REFER TO THE A200 SERIES DRAWINGS - LARGE SCALE FLOOR PLANS FOR ADDITIONAL CONSTRUCTION DETAIL INDICATORS ASSOCIATED TO THESE FLOOR PLANS.
10. SET FLOOR DRAINS (FD) FLUSH WITH FINISH FLOOR UNLESS NOTED OTHERWISE.

KEYED PLAN (#) NOTES

NO.	DESCRIPTION
1	WALL MOUNTED LAV (ADA) - REFER TO PLBG DWGS
2	WALL MOUNTED WC (ADA) - REFER TO PLBG DWGS
3	ELECTRIC WATER COOLER (ADA) - REFER TO PLBG DWGS
4	MOP SINK BASIN - REFER TO PLBG DWGS
5	DETENTION COMBINATION UNIT (ADA) - REFER TO DET AND PLBG DWGS
6	DETENTION COMBINATION UNIT - REFER TO DET AND PLBG DWGS
7	18"W x 18"H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
8	18"W x 18"H DETENTION ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION - REFER TO DET. DWG D 501
9	24"W X 24" H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
10	15"W x 15"H ACCESS PANEL - COORD. EXACT LOCATION
11	DETENTION SHOWER FIXTURE - REFER TO PLBG DWGS
12	DETENTION WATER FOUNTAIN - REFER TO PLBG DWGS
13	DETENTION LAV (ADA) - REFER TO PLBG DWGS
14	DETENTION WC (ADA) - REFER TO PLBG DWGS
15	SINK WITH FOOT PEDAL CONTROLS - REFER TO PLBG DWGS
16	NOT USED
17	DETENTION SHOWER FIXTURE (ADA) - REFER TO PLBG DWGS
18	WALL MTD 3-TIER OPEN SHELVING - REFER TO DETENTION DWGS
19	DETENTION DESK - REFER TO DETENTION DWGS
20	WALL MTD OPEN SHELF, LOCATED OVER DESK - REFER TO DETENTION DWGS
21	FLOOR MTD DETENTION STOOL, CENTER ON DESK - REFER TO DETENTION DWGS
22	FLOOR MTD DETENTION BED - REFER TO DETENTION DWGS
23	WALL MTD DETENTION MIRROR - REFER TO DETENTION DWGS
24	HDPE WALL GUARD - TYPE A - DTL A6/A581
25	HDPE WALL GUARD - TYPE B - DTL A6/A581
26	HDPE 3 1/2" CORNER GUARD - TYPE A - DTL A6/A581
27	HDPE 3 1/2" CORNER GUARD - TYPE B - DTL A6/A581
28	HDPE 3 1/2" CORNER GUARD - TYPE C - DTL A6/A581
29	PAINTED MTL STAIRS, STL BAR GRATE TREADS, PIPE GUARDRAIL AND HANDRAILS, TYP IN HOUSING UNITS
30	MOP RACK

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

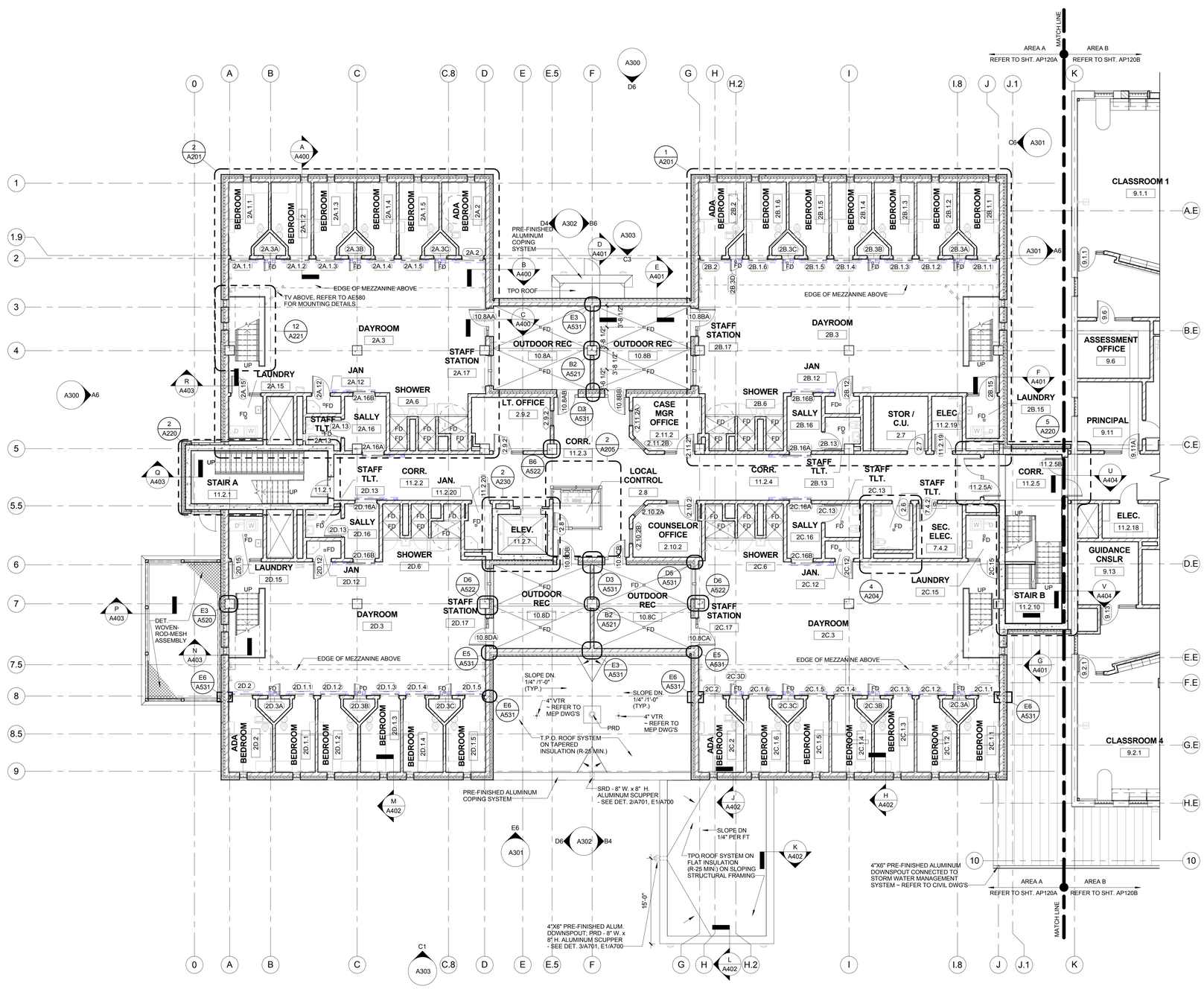
TITLE

FIRST FLOOR PLAN AREA B

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AP110B

SHEET NO.



1 SECOND FLOOR PLAN - AREA A

Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"

GENERAL NOTES

1. PROVIDE TAMPER-PROOF METAL FASTENERS PER PROJECT MANUAL SPECIFICATIONS.
2. PROVIDE SECURITY JOINT SEALANTS PER PROJECT MANUAL SPECIFICATIONS.
3. REFER TO EQUIPMENT SCHEDULE ON FE SHEET SERIES FOR REQUIREMENTS RELATED TO EQUIPMENT TAGGED (#) HERE.
4. SET FLOOR DRAINS FLUSH WITH FINISH FLOORING, UNLESS NOTED OR DETAILED OTHERWISE. SEE RM FINISH SCHEDULE FOR FLOOR FINISH REQUIREMENTS.
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KEYED PLAN # NOTES

NO.	DESCRIPTION
1	WALL MOUNTED LAV (ADA) - REFER TO PLBG DWGS
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9	24"W X 24" H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
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30	MOP RACK

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

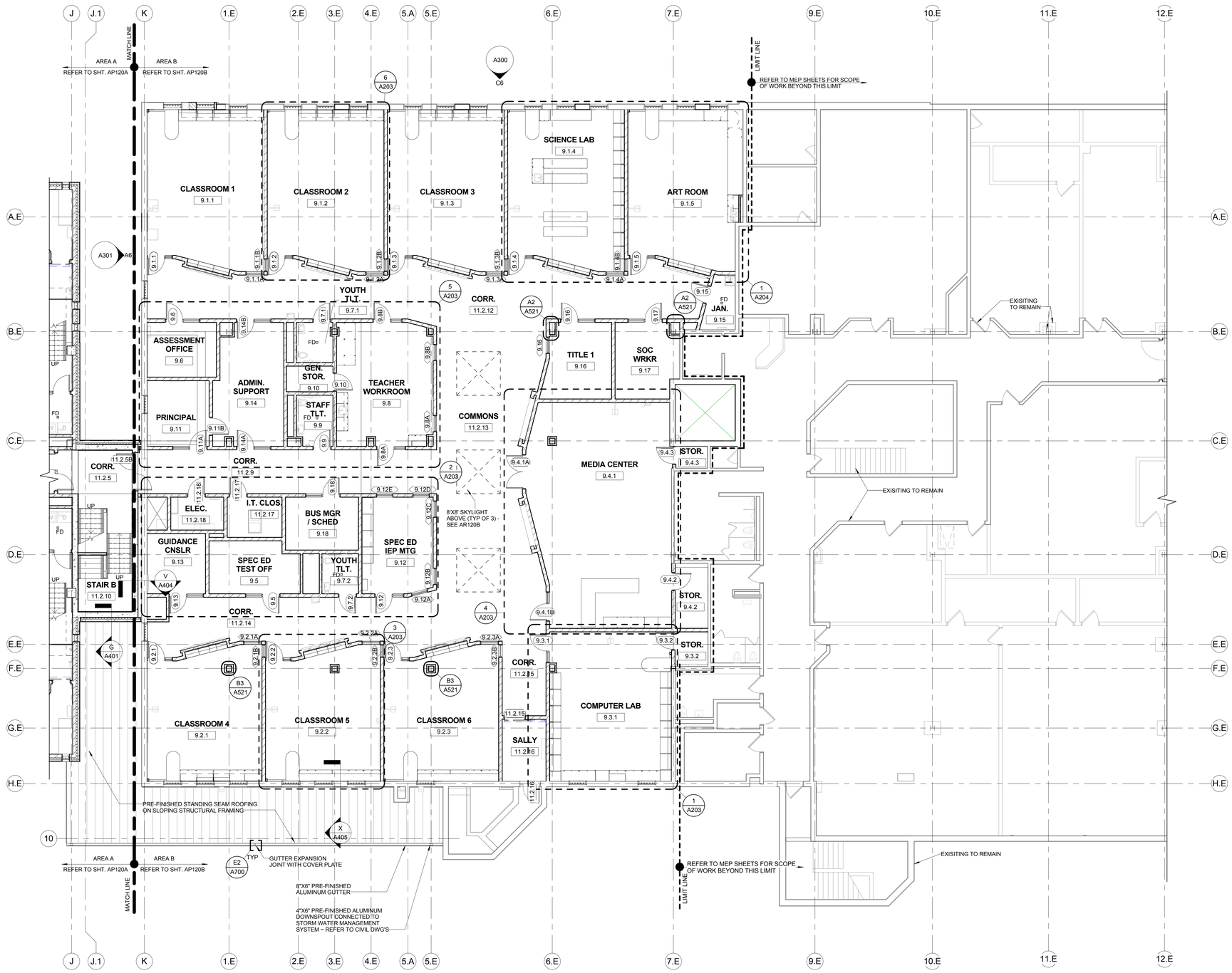
TITLE

SECOND FLOOR PLAN AREA A

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AP120A

SHEET NO.



N 1 SECOND FLOOR PLAN - AREA B

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

GENERAL NOTES

1. PROVIDE TAMPER-PROOF METAL FASTENERS PER PROJECT MANUAL SPECIFICATIONS.
2. PROVIDE SECURITY JOINT SEALANTS PER PROJECT MANUAL SPECIFICATIONS.
3. REFER TO EQUIPMENT SCHEDULE ON FE SHEET SERIES FOR REQUIREMENTS RELATED TO EQUIPMENT TAGGED (#) HERE.
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KEYED PLAN (#) NOTES

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8	18"W x 18"H DETENTION ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION - REFER TO DET. DWG D 501
9	24"W X 24" H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
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22	FLOOR MTD DETENTION BED - REFER TO DETENTION DWGS
23	WALL MTD DETENTION MIRROR - REFER TO DETENTION DWGS
24	HDPE WALL GUARD - TYPE A - DTL A6/A581
25	HDPE WALL GUARD - TYPE B - DTL A6/A581
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29	PAINTED MTL STAIRS, STL BAR GRATE TREADS, PIPE GUARDRAIL AND HANDRAILS, TYP IN HOUSING UNITS
30	MOP RACK

ROOF PLAN GENERAL NOTES

1. REFER TO DEMOLITION DRAWINGS FOR SELECTIVE DEMOLITION OF EXISTING ROOF STRUCTURE, ROOF INSULATION, ROOFING MEMBRANE SYSTEM, AND ROOF EDGE ASSEMBLY.
2. LOCATE, DOCUMENT, AND REPORT ALL EXISTING ROOF PENETRATIONS TO REMAIN WITHIN LIMITS OF WORK.
3. TAPERED INSULATION (TAPERED, CRICKETS, SADDLES) TO BE 1/4" PER FOOT MINIMUM TO ROOF DRAINS OR SCUPPERS, AS INDICATED.
4. COORDINATE WITH STRUCTURAL DRAWINGS FOR SLOPED STRUCTURE.
5. SHOP DRAWINGS OF TAPERED INSULATION SHALL ACCOUNT FOR CAMBER IN STRUCTURE TO INSURE POSITIVE DRAINAGE.
6. PROVIDE TAPERED INSULATION CRICKETS FOR POSITIVE DRAINAGE AROUND ROOF PENETRATIONS AND EQUIPMENT CURBS.
7. PROVIDE PRECAST CONCRETE SPLASH BLOCKS WHERE DOWNSPOUTS OR SECONDARY DRAIN LAMBS TOUNGUES OUTFLOW ONTO GRADE.
8. PROVIDE STAINLESS STEEL SPLASH PANS WHERE DOWNSPOUTS OUTFLOW ONTO ROOFS BELOW. SEE A700 SHTS FOR TYPICAL STAINLESS STEEL SPLASH PAN DETAILS.
9. ROOF WALKWAY PADS SHALL BE SPACED TO NOT INTERUPT DRAINAGE.
10. PROVIDE ROOF WALKWAY PADS AT TOP AND BOTTOM OF ROOF LADDERS AND ROOF ACCESS DOORS.

A JOINT-VENTURE BETWEEN
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EBA ENGINEERING

HOPE FURRER Associates, Inc.

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10810 TWO RIVERS RD. SUITE 1000
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HUNT VALLEY, MARYLAND 21031
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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

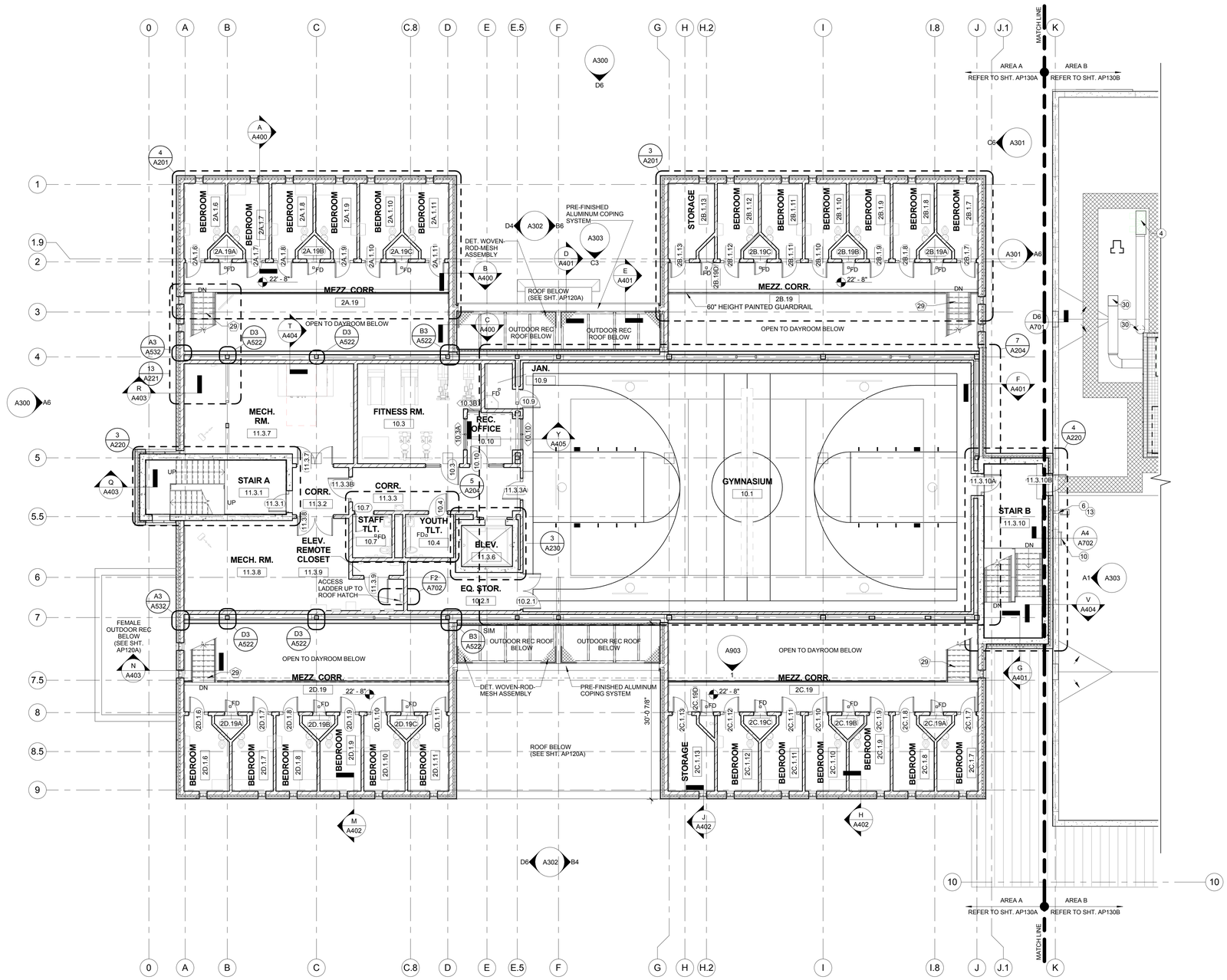
TITLE

SECOND FLOOR PLAN AREA B

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AP120B

SHEET NO.



1 THIRD FLOOR AND MEZZ. PLAN

Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"

GENERAL NOTES

1. PROVIDE TAMPER-PROOF METAL FASTENERS PER PROJECT MANUAL SPECIFICATIONS.
2. PROVIDE SECURITY JOINT SEALANTS PER PROJECT MANUAL SPECIFICATIONS.
3. REFER TO EQUIPMENT SCHEDULE ON FE SHEET SERIES FOR REQUIREMENTS RELATED TO EQUIPMENT TAGGED (#) HERE.
4. SET FLOOR DRAINS FLUSH WITH FINISH FLOORING, UNLESS NOTED OR DETAILED OTHERWISE. SEE RM FINISH SCHEDULE FOR FLOOR FINISH REQUIREMENTS.
5. REFER TO A600 SHTS FOR ADDITIONAL REQUIREMENTS RELATED TO ARCHITECTURAL DOORS AND GLAZED FRAMES TAGGED HERE.
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10. SET FLOOR DRAINS (FD) FLUSH WITH FINISH FLOOR UNLESS NOTED OTHERWISE.

KEYED PLAN # NOTES

NO.	DESCRIPTION
1	WALL MOUNTED LAV (ADA) - REFER TO PLBG DWGS
2	WALL MOUNTED WC (ADA) - REFER TO PLBG DWGS
3	ELECTRIC WATER COOLER (ADA) - REFER TO PLBG DWGS
4	MOP SINK BASIN - REFER TO PLBG DWGS
5	DETENTION COMBINATION UNIT (ADA) - REFER TO DET AND PLBG DWGS
6	DETENTION COMBINATION UNIT - REFER TO DET AND PLBG DWGS
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8	18"W x 18"H DETENTION ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION - REFER TO DET. DWG D 501
9	24"W X 24" H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
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29	PAINTED MTL STAIRS, STL BAR GRATE TREADS, PIPE GUARDRAIL AND HANDRAILS, TYP IN HOUSING UNITS
30	MOP RACK

ROOF PLAN GENERAL NOTES

1. REFER TO DEMOLITION DRAWINGS FOR SELECTIVE DEMOLITION OF EXISTING ROOF STRUCTURE, ROOF INSULATION, ROOFING MEMBRANE SYSTEM, AND ROOF EDGE ASSEMBLY.
2. LOCATE, DOCUMENT, AND REPORT ALL EXISTING ROOF PENETRATIONS TO REMAIN WITHIN LIMITS OF WORK.
3. TAPERED INSULATION (TAPERED, CRICKETS, SADDLES) TO BE 1/4" PER FOOT MINIMUM TO ROOF DRAINS OR SCUPPERS, AS INDICATED.
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7. PROVIDE PRECAST CONCRETE SPLASH BLOCKS WHERE DOWNSPOUTS OR SECONDARY DRAIN LAMBS TOUNGUES OUTFLOW ONTO GRADE.
8. PROVIDE STAINLESS STEEL SPLASH PANS WHERE DOWNSPOUTS OUTFLOW ONTO ROOFS BELOW. SEE A700 SHTS FOR TYPICAL STAINLESS STEEL SPLASH PAN DETAILS.
9. ROOF WALKWAY PADS SHALL BE SPACED TO NOT INTERUPT DRAINAGE.
10. PROVIDE ROOF WALKWAY PADS AT TOP AND BOTTOM OF ROOF LADDERS AND ROOF ACCESS DOORS.

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

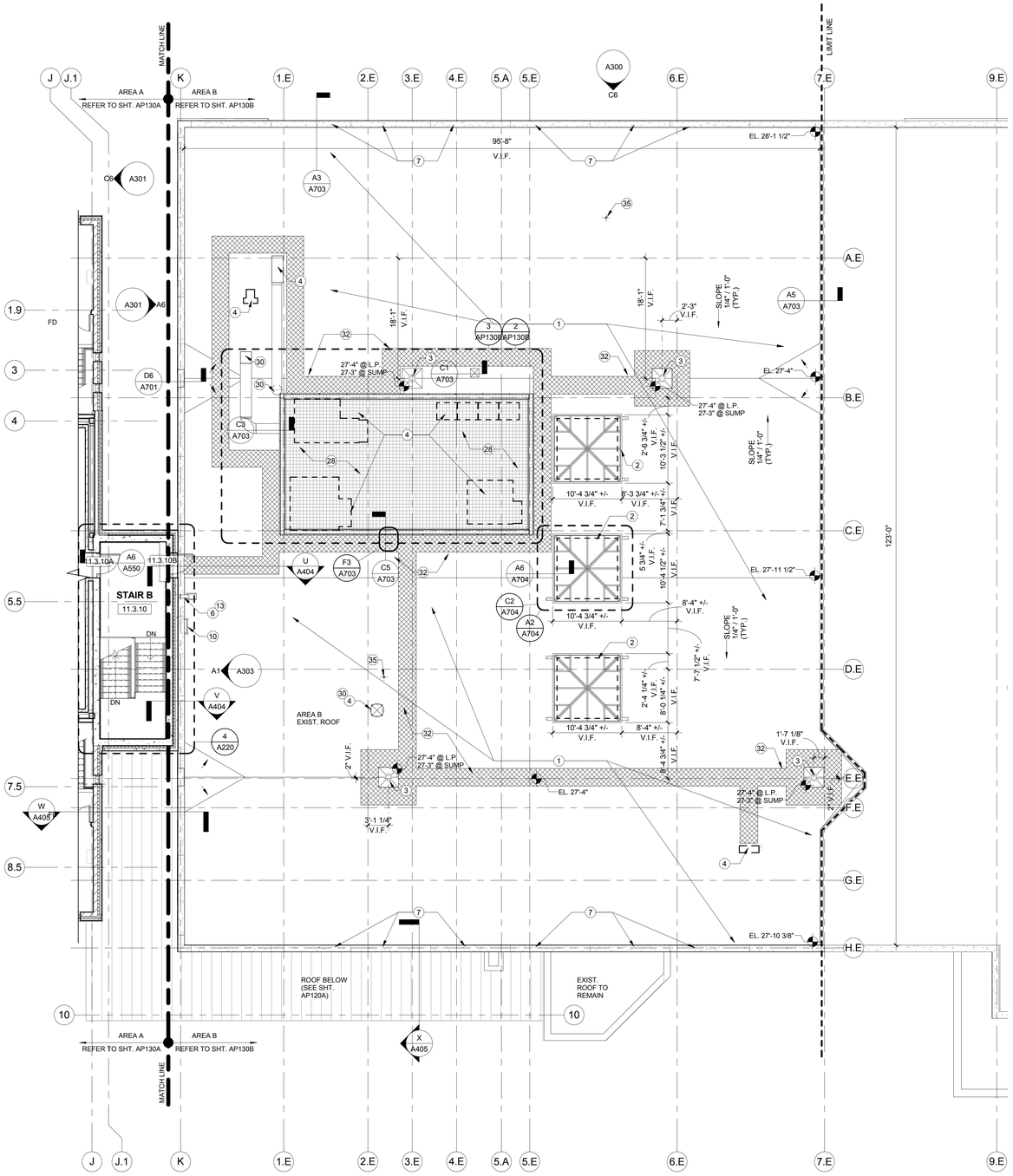
TITLE

THIRD FLOOR AND MEZZ. PLAN

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AP130A

SHEET NO.



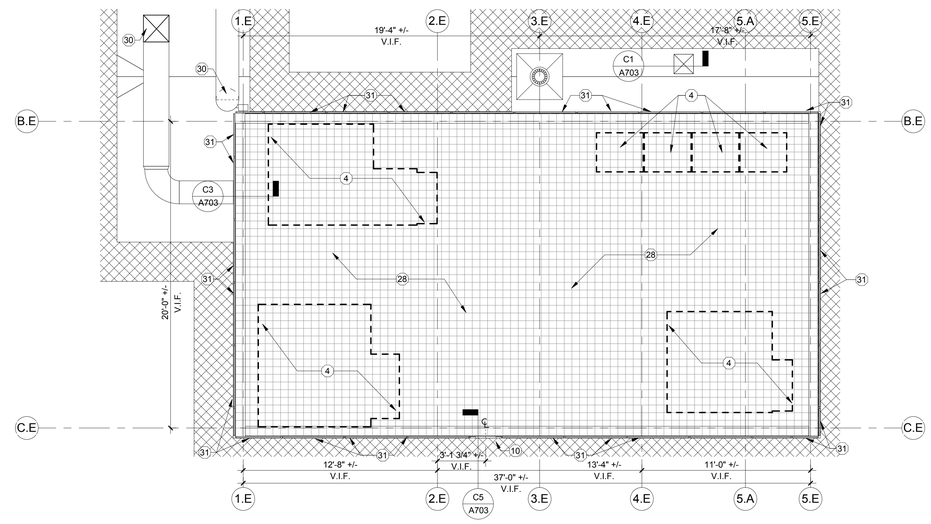
1 ROOF PLAN
Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"

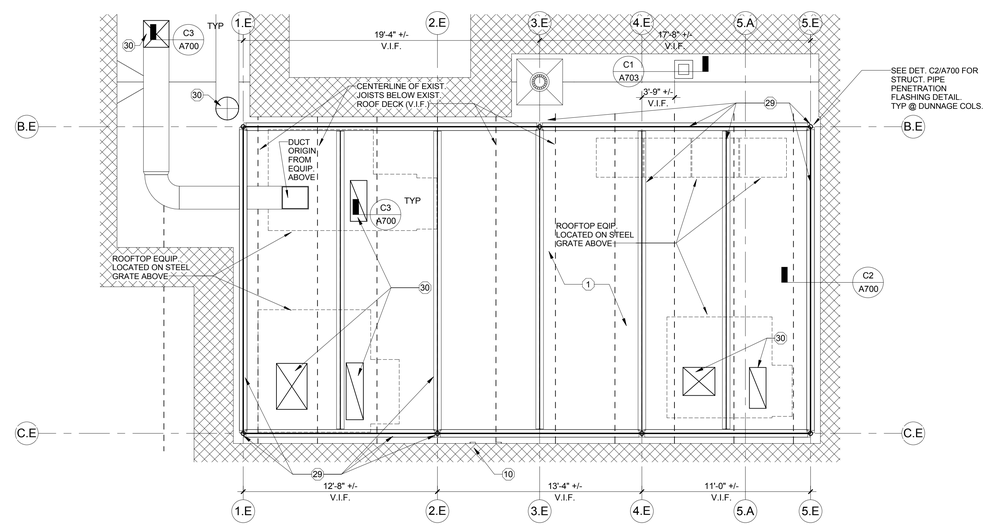
KEYED ROOF # NOTES	
Note Number	Note Description
1	T.P.O. ROOF SYSTEM ON TAPERED INSULATION (R-25 MIN.) ON FLAT STRUCTURAL FRAMING
2	METAL FRAMED SKYLIGHT-PORTION OF ROOF DECK TO BE REMOVED
3	EXIST. ROOF DRAIN TO REMAIN
4	ROOFTOP EQUIPMENT (SEE MECH. DWG'S)
5	8"x6" PRE-FINISHED ALUM. GUTTER
6	4"x6" PRE-FINISHED ALUM. DOWNSPOUT
7	PRE-FINISHED ALUMINUM COPING SYSTEM
8	CLERESTORY CLEAR ANODIZED THERMALLY BROKEN ALUMINUM STOREFRONT SYSTEM
10	PAINTED GALV. MTL. ACCESS LADDER
11	PRE-FINISHED STANDING SEAM ROOFING AND RIGID INSUL. ON SLOPING STRUCTURAL FRAMING
12	SECONDARY ROOF DRAIN - 8" W. x 8" H. ALUMINUM SCUPPER - SEE DET. 1/A701
13	ALUMINUM SPLASH PAN
14	ROOF ACCESS HATCH
15	PRE-FINISHED DETENTION ACCESS PANEL
16	PRIMARY ROOF DRAIN (SEE PLBG. DWG'S)
19	DETENTION WOVEN-ROD-MESH ASSEMBLY
20	PRE-FINISHED ALUM. CONDUCTOR HEAD
21	SECONDARY ROOF DRAIN - 24" W. x 8"H. ALUMINUM SCUPPER - SEE DET. 4/A701
22	PRIMARY ROOF DRAIN - 8" W. x 8" H. ALUMINUM SCUPPER - SEE DET. 5/A701
26	GUTTER EXPANSION JOINT WITH COVER PLATE
27	SEAM-MOUNTED, RAIL-TYPE SNOW GUARD (LOCATED AND INSTALLED AS PER MANUFACTURER REQUIREMENTS
28	STEEL GRATE DECK
29	DUNNAGE BEAMS AND COLUMNS ~ REFER TO STRUCTURAL DWG'S
30	PROVIDE DUCT TRANSITIONS AT ROOF PENETRATION AS NECESSARY PER MEP DRW'S
31	REMOVEABLE GALVANIZED GUARDRAIL PANEL
32	FLEXIBLE WALKWAY
34	ANTENNA EQUIPMENT (NON-PENETRATING MOUNT) ~ COORDINATE WITH ELEC. DWG'S
35	4" VENT THROUGH ROOF ~ REFER TO PLBG DWG'S

ROOF PLAN GENERAL NOTES

1. REFER TO DEMOLITION DRAWINGS FOR SELECTIVE DEMOLITION OF EXISTING ROOF STRUCTURE, ROOF INSULATION, ROOFING MEMBRANE SYSTEM, AND ROOF EDGE ASSEMBLY.
2. LOCATE, DOCUMENT, AND REPORT ALL EXISTING ROOF PENETRATIONS TO REMAIN WITHIN LIMITS OF WORK.
3. TAPERED INSULATION (TAPERED, CRICKETS, SADDLES) TO BE 1/4" PER FOOT MINIMUM TO ROOF DRAINS OR SCUPPERS, AS INDICATED.
4. COORDINATE WITH STRUCTURAL DRAWINGS FOR SLOPED STRUCTURE.
5. SHOP DRAWINGS OF TAPERED INSULATION SHALL ACCOUNT FOR CAMBER IN STRUCTURE TO INSURE POSITIVE DRAINAGE.
6. PROVIDE TAPERED INSULATION CRICKETS FOR POSITIVE DRAINAGE AROUND ROOF PENETRATIONS AND EQUIPMENT CURBS.
7. PROVIDE PRECAST CONCRETE SPLASH BLOCKS WHERE DOWNSPOUTS OR SECONDARY DRAIN LAMBS TOUNGUES OUTFLOW ONTO GRADE.
8. PROVIDE STAINLESS STEEL SPLASH PANS WHERE DOWNSPOUTS OUTFLOW ONTO ROOFS BELOW. SEE A700 SHTS FOR TYPICAL STAINLESS STEEL SPLASH PAN DETAILS.
9. ROOF WALKWAY PADS SHALL BE SPACED TO NOT INTERUPT DRAINAGE.
10. PROVIDE ROOF WALKWAY PADS AT TOP AND BOTTOM OF ROOF LADDERS AND ROOF ACCESS DOORS.



2 ENLARGED ROOF PLAN - 5'-0" ABOVE ROOF DECK (1/AP130B)
Scale: 1/4" = 1'-0"



3 ENLARGED ROOF PLAN - 3'-0" ABOVE ROOF DECK (1/AP130B)
Scale: 1/4" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
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LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGIE STATE OF MARYLAND

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

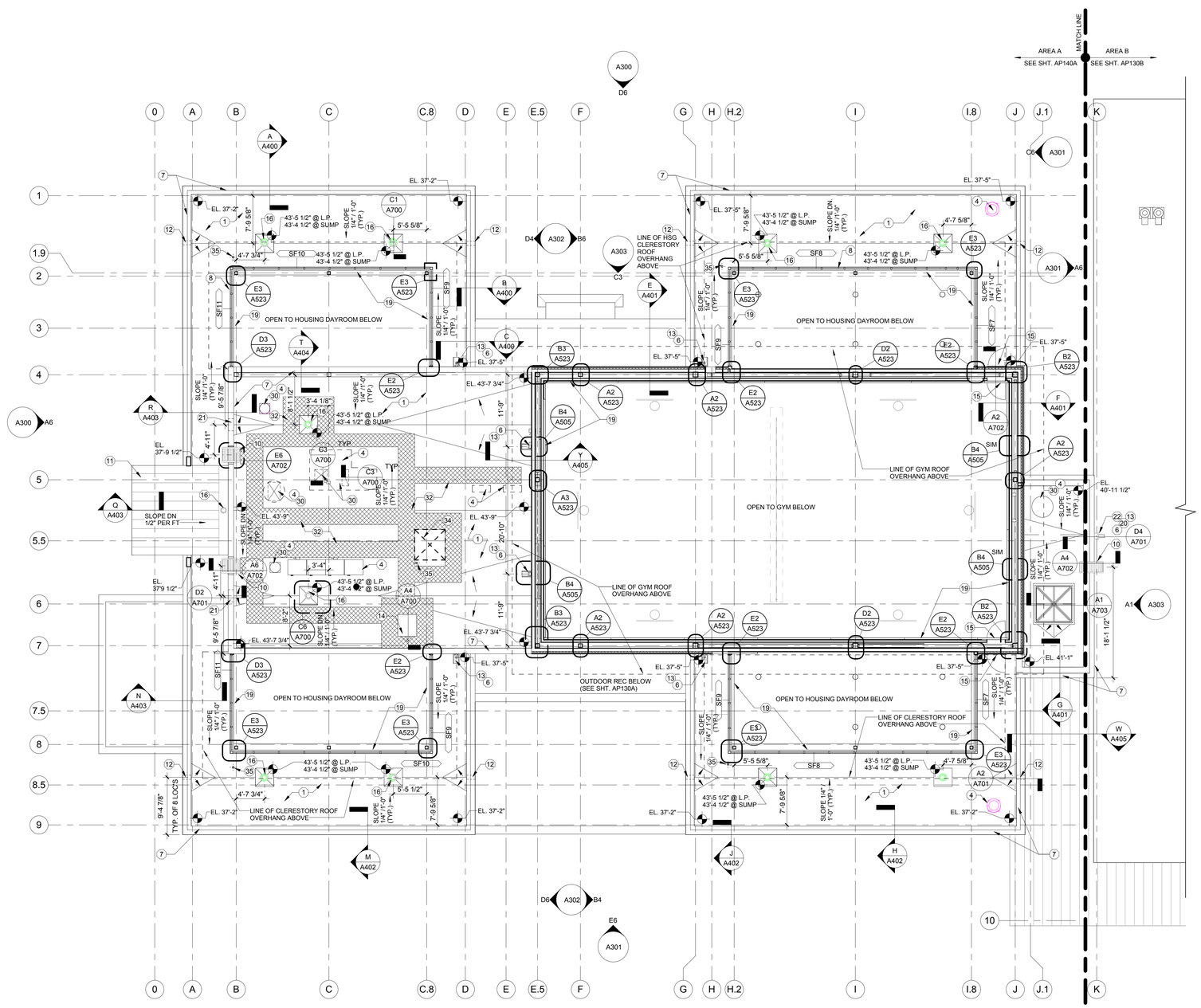
TITLE

ROOF PLAN AREA B

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AP130B

SHEET NO.



1 ROOF AND CLERESTORY PLAN

Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"

GENERAL NOTES

1. PROVIDE TAMPER-PROOF METAL FASTENERS PER PROJECT MANUAL SPECIFICATIONS.
2. PROVIDE SECURITY JOINT SEALANTS PER PROJECT MANUAL SPECIFICATIONS.
3. REFER TO EQUIPMENT SCHEDULE ON FE SHEET SERIES FOR REQUIREMENTS RELATED TO EQUIPMENT TAGGED (@) HERE.
4. SET FLOOR DRAINS FLUSH WITH FINISH FLOORING, UNLESS NOTED OR DETAILED OTHERWISE. SEE RM FINISH SCHEDULE FOR FLOOR FINISH REQUIREMENTS.
5. REFER TO A600 SHTS FOR ADDITIONAL REQUIREMENTS RELATED TO ARCHITECTURAL DOORS AND GLAZED FRAMES TAGGED HERE.
6. REFER TO DETENTION DRAWINGS FOR ADDITIONAL REQUIREMENTS RELATED TO DETENTION WINDOWS, DOORS, AND GLAZED FRAMES TAGGED HERE.
7. REFER TO DETENTION DWGS FOR ADDITIONAL REQUIREMENTS RELATED TO METAL SECURITY MESH ENCLOSURES SHOWN HERE.
8. REFER TO ARCH SITE PLANS AND CIVIL DWGS FOR ADDITIONAL REQUIREMENTS RELATED TO SITE WORK REFERENCED HERE.
9. REFER TO THE A200 SERIES DRAWINGS - LARGE SCALE FLOOR PLANS FOR ADDITIONAL CONSTRUCTION DETAIL INDICATORS ASSOCIATED TO THESE FLOOR PLANS.
10. SET FLOOR DRAINS (FD) FLUSH WITH FINISH FLOOR UNLESS NOTED OTHERWISE.

ROOF PLAN GENERAL NOTES

1. REFER TO DEMOLITION DRAWINGS FOR SELECTIVE DEMOLITION OF EXISTING ROOF STRUCTURE, ROOF INSULATION, ROOFING MEMBRANE SYSTEM, AND ROOF EDGE ASSEMBLY.
2. LOCATE, DOCUMENT, AND REPORT ALL EXISTING ROOF PENETRATIONS TO REMAIN WITHIN LIMITS OF WORK.
3. TAPERED INSULATION (TAPERED, CRICKETS, SADDLES) TO BE 1/4" PER FOOT MINIMUM TO ROOF DRAINS OR SCUPPERS, AS INDICATED.
4. COORDINATE WITH STRUCTURAL DRAWINGS FOR SLOPED STRUCTURE.
5. SHOP DRAWINGS OF TAPERED INSULATION SHALL ACCOUNT FOR CAMBER IN STRUCTURE TO INSURE POSITIVE DRAINAGE.
6. PROVIDE TAPERED INSULATION CRICKETS FOR POSITIVE DRAINAGE AROUND ROOF PENETRATIONS AND EQUIPMENT CURBS.
7. PROVIDE PRECAST CONCRETE SPLASH BLOCKS WHERE DOWNSPOUTS OR SECONDARY DRAIN LAMBS TOUNGUES OUTFLOW ONTO GRADE.
8. PROVIDE STAINLESS STEEL SPLASH PANS WHERE DOWNSPOUTS OUTFLOW ONTO ROOFS BELOW. SEE A700 SHTS FOR TYPICAL STAINLESS STEEL SPLASH PAN DETAILS.
9. ROOF WALKWAY PADS SHALL BE SPACED TO NOT INTERUPT DRAINAGE.
10. PROVIDE ROOF WALKWAY PADS AT TOP AND BOTTOM OF ROOF LADDERS AND ROOF ACCESS DOORS.

KEYED ROOF (@) NOTES

Note Number	Note Description
1	T.P.O. ROOF SYSTEM ON TAPERED INSULATION (R-25 MIN.) ON FLAT STRUCTURAL FRAMING
2	METAL FRAMED SKYLIGHT-PORTION OF ROOF DECK TO BE REMOVED
3	EXIST. ROOF DRAIN TO REMAIN
4	ROOFTOP EQUIPMENT (SEE MECH. DWG'S)
5	8"x6" PRE-FINISHED ALUM. GUTTER
6	4"x6" PRE-FINISHED ALUM. DOWNSPOUT
7	PRE-FINISHED ALUMINUM COPING SYSTEM
8	CLERESTORY CLEAR ANODIZED THERMALLY BROKEN ALUMINUM STOREFRONT SYSTEM
10	PAINTED GALV. MTL. ACCESS LADDER
11	PRE-FINISHED STANDING SEAM ROOFING AND RIGID INSUL. ON SLOPING STRUCTURAL FRAMING
12	SECONDARY ROOF DRAIN - 8" W. x 8" H. ALUMINUM SCUPPER - SEE DET. 1/A701
13	ALUMINUM SPLASH PAN
14	ROOF ACCESS HATCH
15	PRE-FINISHED DETENTION ACCESS PANEL
16	PRIMARY ROOF DRAIN (SEE PLBG. DWG'S)
19	DETENTION WOVEN-ROD-MESH ASSEMBLY
20	PRE-FINISHED ALUM. CONDUCTOR HEAD
21	SECONDARY ROOF DRAIN - 24" W. x 8"H. ALUMINUM SCUPPER - SEE DET. 4/A701
22	PRIMARY ROOF DRAIN - 8" W. x 8" H. ALUMINUM SCUPPER - SEE DET. 5/A701
26	GUTTER EXPANSION JOINT WITH COVER PLATE
27	SEAM-MOUNTED, RAIL-TYPE SNOW GUARD (LOCATED AND INSTALLED AS PER MANUFACTURER REQUIREMENTS
28	STEEL GRATE DECK
29	DUNNAGE BEAMS AND COLUMNS ~ REFER TO STRUCTURAL DWG'S
30	PROVIDE DUCT TRANSITIONS AT ROOF PENETRATION AS NECESSARY PER MEP DRWS
31	REMOVEABLE GALVANIZED GUARDRAIL PANEL
32	FLEXIBLE WALKWAY
34	ANTENNA EQUIPMENT (NON-PENETRATING MOUNT) ~ COORDINATE WITH ELEC. DWG'S
35	4" VENT THROUGH ROOF – REFER TO PLBG DWG'S

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EBA ENGINEERING

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BALTIMORE MARYLAND

SEAL

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

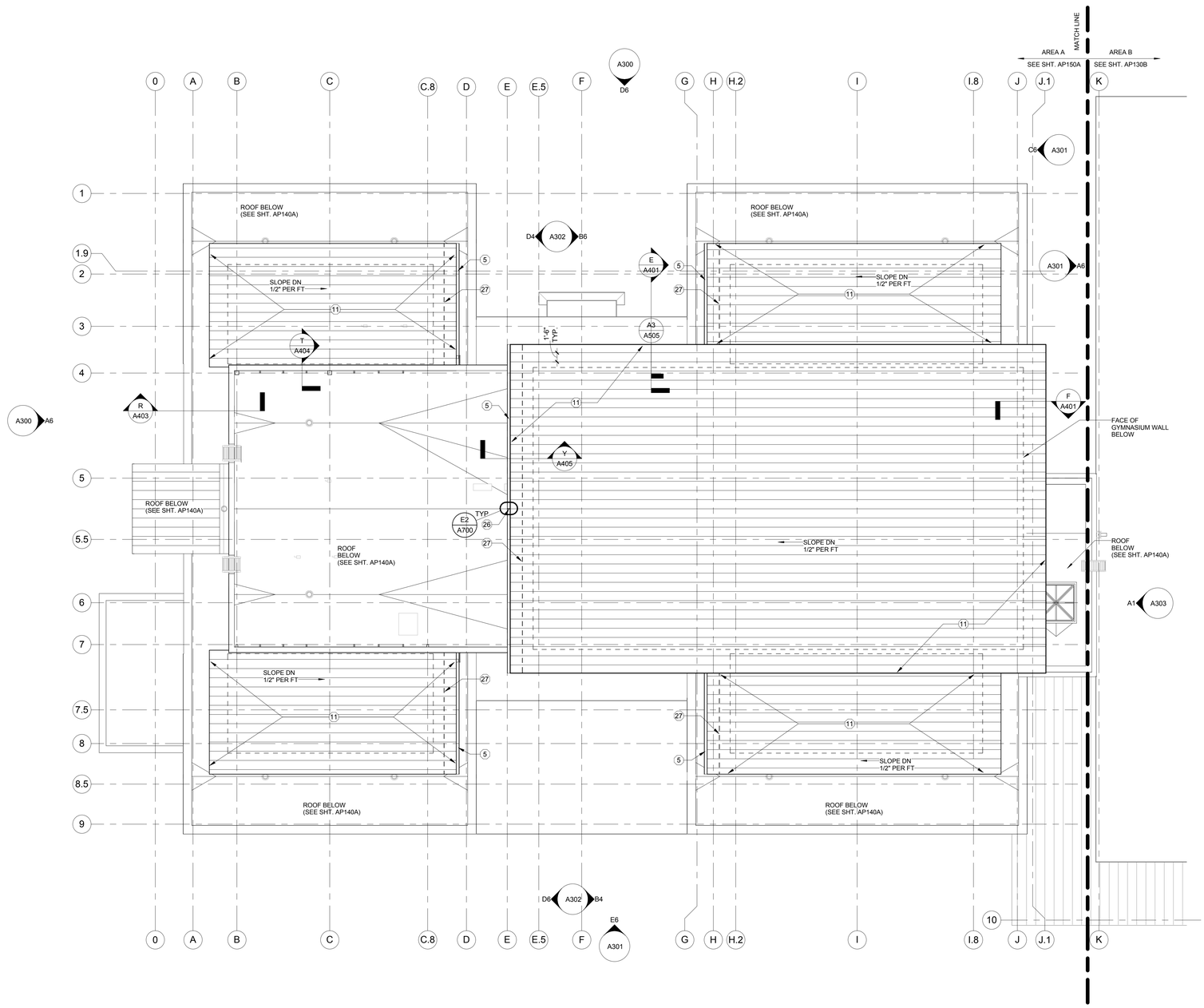
TITLE

ROOF AND CLERESTORY PLAN

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AP140A

SHEET NO.



1 CLERESTORY ROOF PLAN

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

ROOF PLAN GENERAL NOTES

1. REFER TO DEMOLITION DRAWINGS FOR SELECTIVE DEMOLITION OF EXISTING ROOF STRUCTURE, ROOF INSULATION, ROOFING MEMBRANE SYSTEM, AND ROOF EDGE ASSEMBLY.
2. LOCATE, DOCUMENT, AND REPORT ALL EXISTING ROOF PENETRATIONS TO REMAIN WITHIN LIMITS OF WORK.
3. TAPERED INSULATION (TAPERED, CRICKETS, SADDLES) TO BE 1/4" PER FOOT MINIMUM TO ROOF DRAINS OR SCUPPERS, AS INDICATED.
4. COORDINATE WITH STRUCTURAL DRAWINGS FOR SLOPED STRUCTURE.
5. SHOP DRAWINGS OF TAPERED INSULATION SHALL ACCOUNT FOR CAMBER IN STRUCTURE TO INSURE POSITIVE DRAINAGE.
6. PROVIDE TAPERED INSULATION CRICKETS FOR POSITIVE DRAINAGE AROUND ROOF PENETRATIONS AND EQUIPMENT CURBS.
7. PROVIDE PRECAST CONCRETE SPLASH BLOCKS WHERE DOWNSPOUTS OR SECONDARY DRAIN LAMBS TOUNGUES OUTFLOW ONTO GRADE.
8. PROVIDE STAINLESS STEEL SPLASH PANS WHERE DOWNSPOUTS OUTFLOW ONTO ROOFS BELOW. SEE A700 SHTS FOR TYPICAL STAINLESS STEEL SPLASH PAN DETAILS.
9. ROOF WALKWAY PADS SHALL BE SPACED TO NOT INTERUPT DRAINAGE.
10. PROVIDE ROOF WALKWAY PADS AT TOP AND BOTTOM OF ROOF LADDERS AND ROOF ACCESS DOORS.

KEYED ROOF (#) NOTES

Note Number	Note Description
1	T.P.O. ROOF SYSTEM ON TAPERED INSULATION (R-25 MIN.) ON FLAT STRUCTURAL FRAMING
2	METAL FRAMED SKYLIGHT-PORTION OF ROOF DECK TO BE REMOVED
3	EXIST. ROOF DRAIN TO REMAIN
4	ROOFTOP EQUIPMENT (SEE MECH. DWG'S)
5	8"x6" PRE-FINISHED ALUM. GUTTER
6	4"x6" PRE-FINISHED ALUM. DOWNSPOUT
7	PRE-FINISHED ALUMINUM COPING SYSTEM
8	CLERESTORY CLEAR ANODIZED THERMALLY BROKEN ALUMINUM STOREFRONT SYSTEM
10	PAINTED GALV. MTL. ACCESS LADDER
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21	SECONDARY ROOF DRAIN - 24" W. x 8"H. ALUMINUM SCUPPER - SEE DET. 4/A701
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35	4" VENT THROUGH ROOF ~ REFER TO PLBG DWG'S

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
10810/VIC PLAZA DR. SUITE 1000
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R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

TITLE

CLERESTORY ROOF PLAN

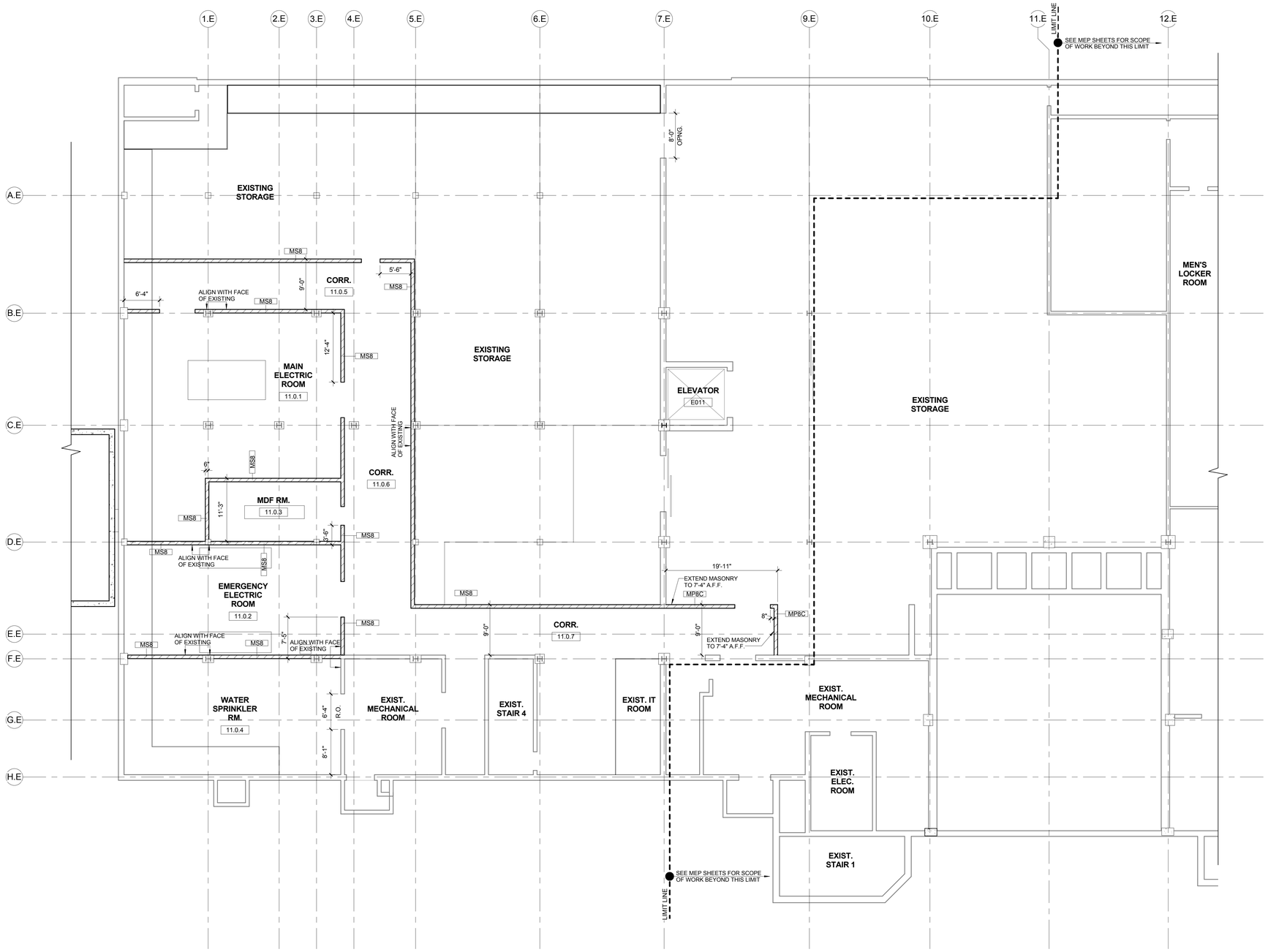
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AP150A

SHEET NO.

GENERAL NOTES

1. FIELD VERIFY EXISTING CONDITIONS DIMENSIONS AND NOTIFY ARCHITECT OF DISCREPANCIES.
2. DIMENSIONS ARE TO FACE OF MASONRY BLOCK, BRICK, METAL STUD, AND EXISTING MATERIALS UNLESS SHOWN TO A CENTERLINE OR OTHERWISE NOTED.
3. REFER TO AW160 SERIES DWGS FOR WALL TYPE REQUIREMENTS.
4. REFER TO CODE PLANS FOR REQUIRED LOCATIONS AND EXTENTS OF FIRE RATED WALLS, PARTITIONS, BARRIERS, AND SMOKE BARRIERS. PENETRATIONS AND JOINTS IN RATED WALLS SHALL BE RATED.
5. REFER TO CODE PLANS FOR LOCATIONS AND EXTENTS OF SMOKE-TIGHT PARTITIONS.
6. ALL METAL STUD FRAMING TO BE ENGINEERED PER PROJECT MANUAL SPECIFICATIONS. ALL METAL STUD FRAMING SIZES AND GAGES INDICATED ON DOCUMENTS ARE MINIMUMS COORDINATED FOR ARCHITECTURAL DESIGN INTENT. FRAMING SPACING INDICATED IS MAXIMUM COORDINATED FOR ARCHITECTURAL DESIGN INTENT. ANY REVISIONS TO SIZES, GAGES, AND SPACING REQUIRED BY FRAMING ENGINEER MUST BE COORDINATED WITH RELATED SYSTEMS AND MATERIALS BY CONTRACTOR.



N

1 BASEMENT FLOOR DIMENSION PLAN

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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SIDHU ASSOCIATES, INC.
Consulting Engineers
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PHONE (410) 329-1115

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

BASEMENT FLOOR PLAN - DIMENSIONS AND WALL TYPES

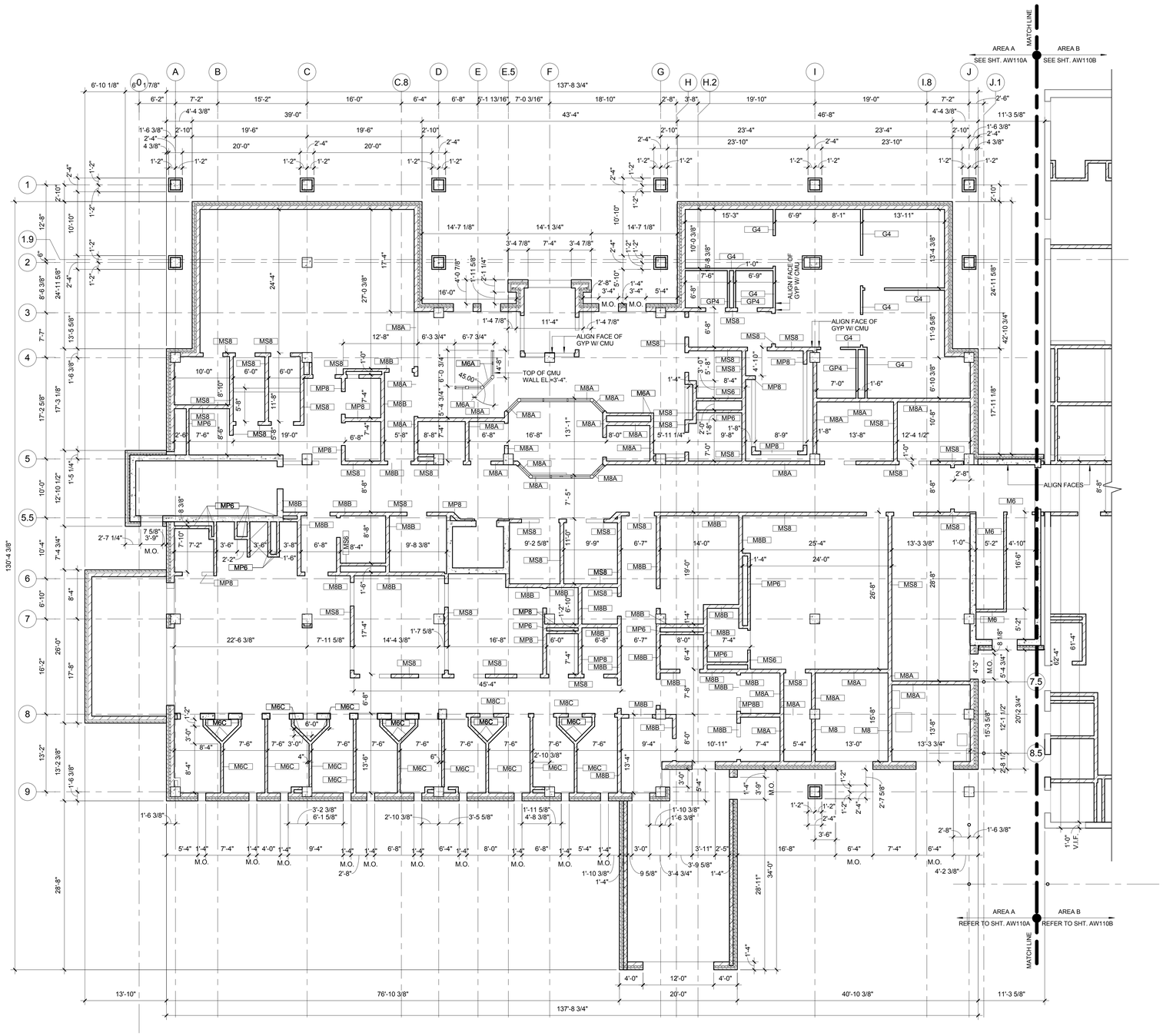
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AW100B

SHEET NO.

GENERAL NOTES

1. FIELD VERIFY EXISTING CONDITIONS DIMENSIONS AND NOTIFY ARCHITECT OF DISCREPANCIES.
2. DIMENSIONS ARE TO FACE OF MASONRY BLOCK, BRICK, METAL STUD, AND EXISTING MATERIALS UNLESS SHOWN TO A CENTERLINE OR OTHERWISE NOTED.
3. REFER TO AW160 SERIES DWGS FOR WALL TYPE REQUIREMENTS.
4. REFER TO CODE PLANS FOR REQUIRED LOCATIONS AND EXTENTS OF FIRE RATED WALLS, PARTITIONS, BARRIERS, AND SMOKE BARRIERS. PENETRATIONS AND JOINTS IN RATED WALLS SHALL BE RATED.
5. REFER TO CODE PLANS FOR LOCATIONS AND EXTENTS OF SMOKE-TIGHT PARTITIONS.
6. ALL METAL STUD FRAMING TO BE ENGINEERED PER PROJECT MANUAL SPECIFICATIONS. ALL METAL STUD FRAMING SIZES AND GAGES INDICATED ON DOCUMENTS ARE MINIMUMS COORDINATED FOR ARCHITECTURAL DESIGN INTENT. FRAMING SPACING INDICATED IS MAXIMUM COORDINATED FOR ARCHITECTURAL DESIGN INTENT. ANY REVISIONS TO SIZES, GAGES, AND SPACING REQUIRED BY FRAMING ENGINEER MUST BE COORDINATED WITH RELATED SYSTEMS AND MATERIALS BY CONTRACTOR.



1 FIRST FLOOR DIMENSION PLAN - AREA A

Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

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11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
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R&R designer, inc.

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

FIRST FLOOR PLAN - DIMENSIONS AND WALL TYPES - AREA A

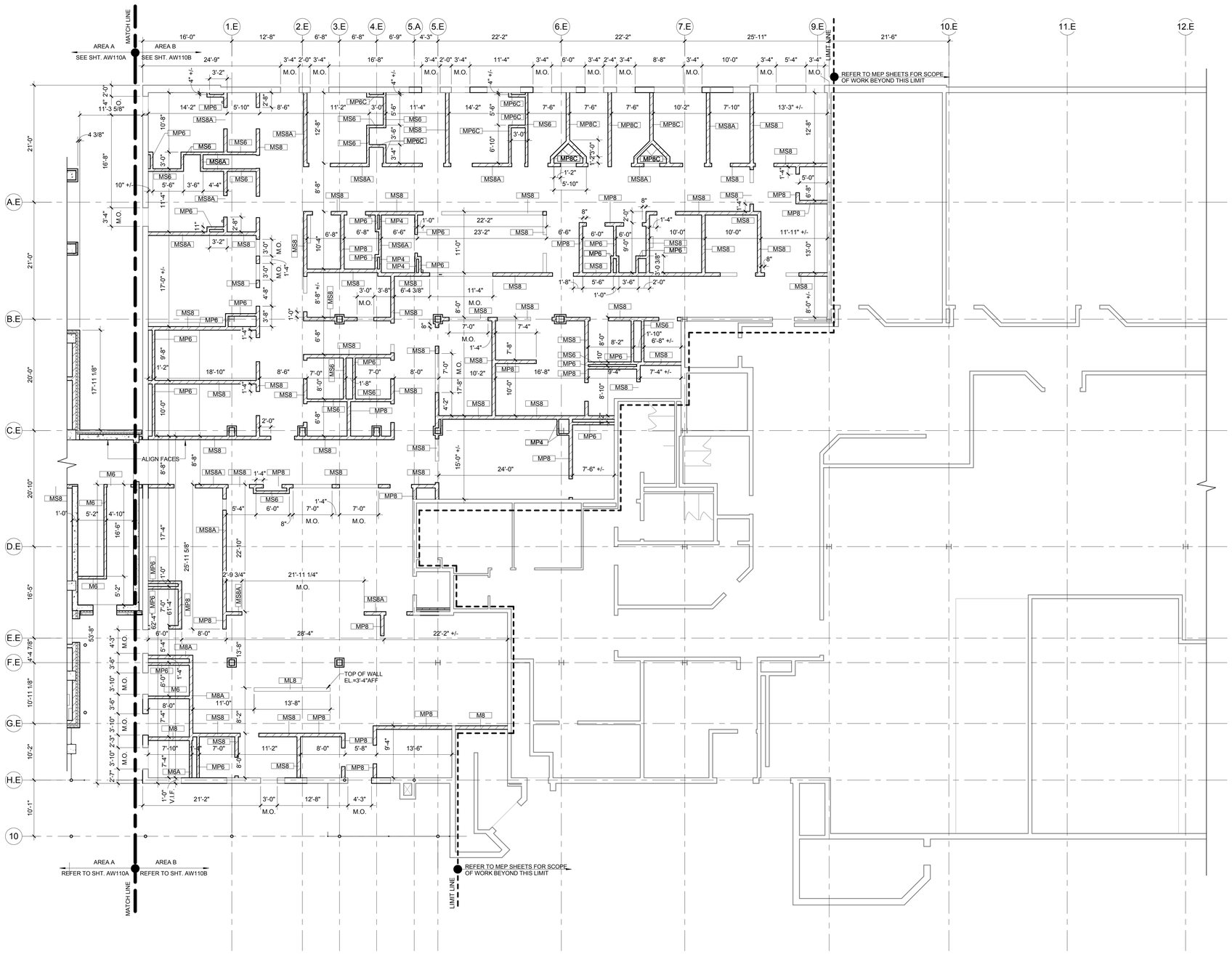
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AW110A

SHEET NO.

GENERAL NOTES

1. FIELD VERIFY EXISTING CONDITIONS DIMENSIONS AND NOTIFY ARCHITECT OF DISCREPANCIES.
2. DIMENSIONS ARE TO FACE OF MASONRY BLOCK, BRICK, METAL STUD, AND EXISTING MATERIALS UNLESS SHOWN TO A CENTERLINE OR OTHERWISE NOTED.
3. REFER TO AW160 SERIES DWGS FOR WALL TYPE REQUIREMENTS.
4. REFER TO CODE PLANS FOR REQUIRED LOCATIONS AND EXTENTS OF FIRE RATED WALLS, PARTITIONS, BARRIERS, AND SMOKE BARRIERS. PENETRATIONS AND JOINTS IN RATED WALLS SHALL BE RATED.
5. REFER TO CODE PLANS FOR LOCATIONS AND EXTENTS OF SMOKE-TIGHT PARTITIONS.
6. ALL METAL STUD FRAMING TO BE ENGINEERED PER PROJECT MANUAL SPECIFICATIONS. ALL METAL STUD FRAMING SIZES AND GAGES INDICATED ON DOCUMENTS ARE MINIMUMS COORDINATED FOR ARCHITECTURAL DESIGN INTENT. FRAMING SPACING INDICATED IS MAXIMUM COORDINATED FOR ARCHITECTURAL DESIGN INTENT. ANY REVISIONS TO SIZES, GAGES, AND SPACING REQUIRED BY FRAMING ENGINEER MUST BE COORDINATED WITH RELATED SYSTEMS AND MATERIALS BY CONTRACTOR.



N

1 FIRST FLOOR DIMENSION PLAN - AREA B

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

FIRST FLOOR PLAN - DIMENSIONS AND WALL TYPES - AREA B

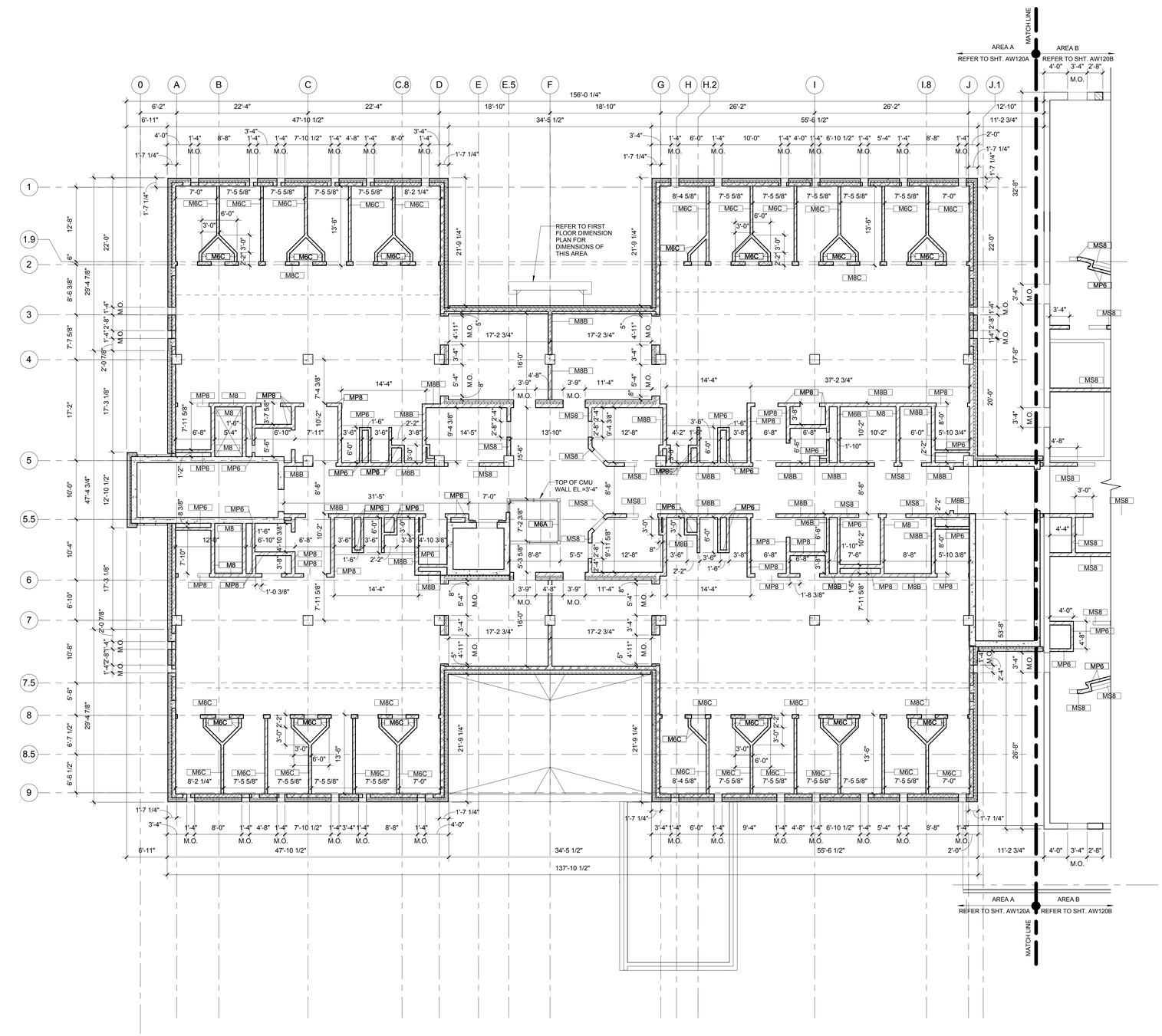
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AW110B

SHEET NO.

GENERAL NOTES

1. FIELD VERIFY EXISTING CONDITIONS DIMENSIONS AND NOTIFY ARCHITECT OF DISCREPANCIES.
2. DIMENSIONS ARE TO FACE OF MASONRY BLOCK, BRICK, METAL STUD, AND EXISTING MATERIALS UNLESS SHOWN TO A CENTERLINE OR OTHERWISE NOTED.
3. REFER TO AW160 SERIES DWGS FOR WALL TYPE REQUIREMENTS.
4. REFER TO CODE PLANS FOR REQUIRED LOCATIONS AND EXTENTS OF FIRE RATED WALLS, PARTITIONS, BARRIERS, AND SMOKE BARRIERS. PENETRATIONS AND JOINTS IN RATED WALLS SHALL BE RATED.
5. REFER TO CODE PLANS FOR LOCATIONS AND EXTENTS OF SMOKE-TIGHT PARTITIONS.
6. ALL METAL STUD FRAMING TO BE ENGINEERED PER PROJECT MANUAL SPECIFICATIONS. ALL METAL STUD FRAMING SIZES AND GAGES INDICATED ON DOCUMENTS ARE MINIMUMS COORDINATED FOR ARCHITECTURAL DESIGN INTENT. FRAMING SPACING INDICATED IS MAXIMUM COORDINATED FOR ARCHITECTURAL DESIGN INTENT. ANY REVISIONS TO SIZES, GAGES, AND SPACING REQUIRED BY FRAMING ENGINEER MUST BE COORDINATED WITH RELATED SYSTEMS AND MATERIALS BY CONTRACTOR.



N

1 SECOND FLOOR DIMENSION PLAN - AREA A

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
ENERGYSE PLAZA SE, SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS
ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

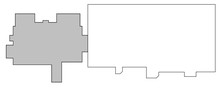
BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN



SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

SECOND FLOOR PLAN - DIMENSION AND WALL TYPES - AREA A

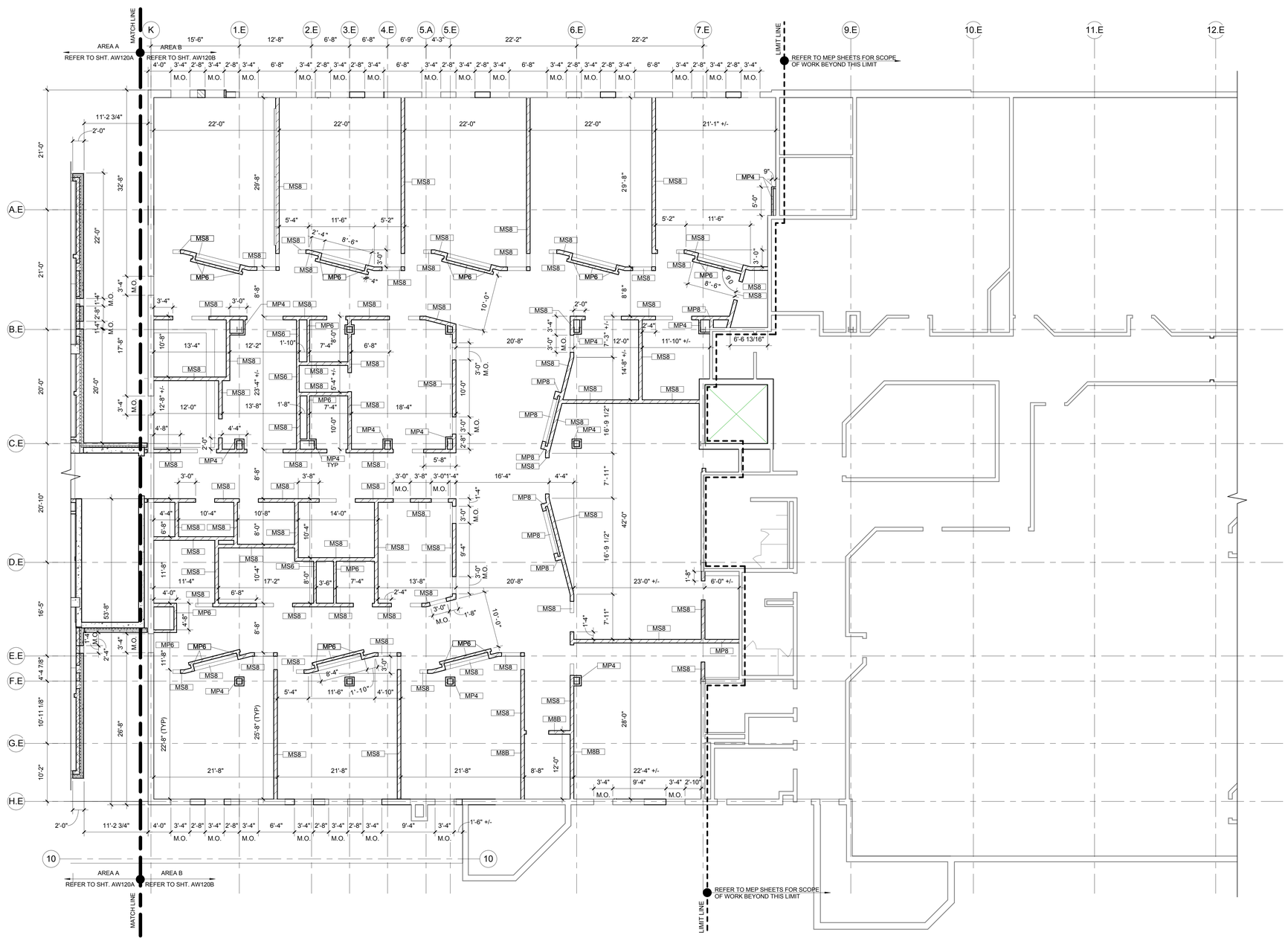
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AW120A

SHEET NO.

GENERAL NOTES

1. FIELD VERIFY EXISTING CONDITIONS DIMENSIONS AND NOTIFY ARCHITECT OF DISCREPANCIES.
2. DIMENSIONS ARE TO FACE OF MASONRY BLOCK, BRICK, METAL STUD, AND EXISTING MATERIALS UNLESS SHOWN TO A CENTERLINE OR OTHERWISE NOTED.
3. REFER TO AW160 SERIES DWGS FOR WALL TYPE REQUIREMENTS.
4. REFER TO CODE PLANS FOR REQUIRED LOCATIONS AND EXTENTS OF FIRE RATED WALLS, PARTITIONS, BARRIERS, AND SMOKE BARRIERS. PENETRATIONS AND JOINTS IN RATED WALLS SHALL BE RATED.
5. REFER TO CODE PLANS FOR LOCATIONS AND EXTENTS OF SMOKE-TIGHT PARTITIONS.
6. ALL METAL STUD FRAMING TO BE ENGINEERED PER PROJECT MANUAL SPECIFICATIONS. ALL METAL STUD FRAMING SIZES AND GAGES INDICATED ON DOCUMENTS ARE MINIMUMS COORDINATED FOR ARCHITECTURAL DESIGN INTENT. FRAMING SPACING INDICATED IS MAXIMUM COORDINATED FOR ARCHITECTURAL DESIGN INTENT. ANY REVISIONS TO SIZES, GAGES, AND SPACING REQUIRED BY FRAMING ENGINEER MUST BE COORDINATED WITH RELATED SYSTEMS AND MATERIALS BY CONTRACTOR.



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1 SECOND FLOOR DIMENSION PLAN - AREA B

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
EMPORIUM PLAZA BD. SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS
ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

SECOND FLOOR PLAN - DIMENSIONS AND WALL TYPES - AREA B

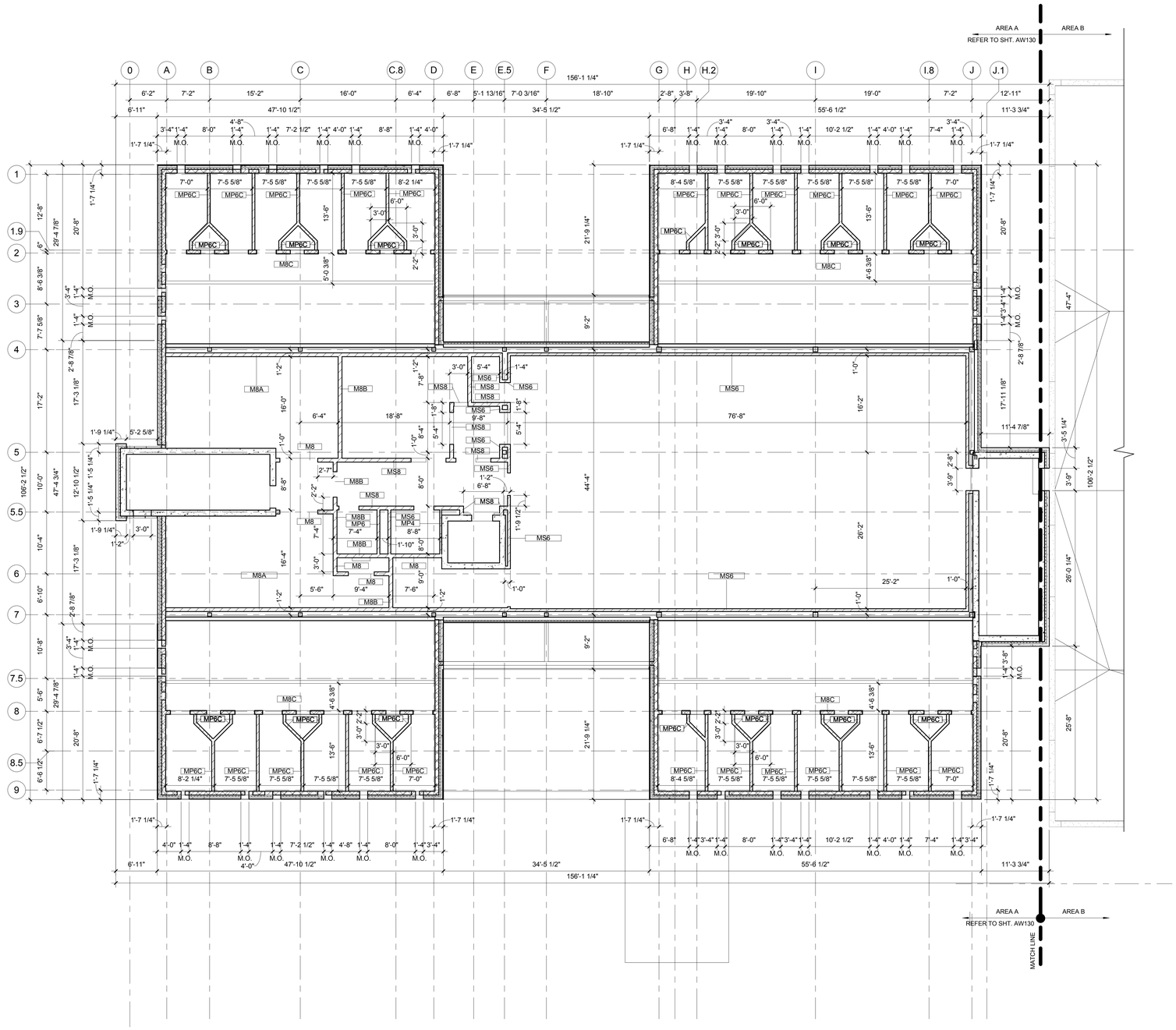
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AW120B

SHEET NO.

GENERAL NOTES

1. FIELD VERIFY EXISTING CONDITIONS DIMENSIONS AND NOTIFY ARCHITECT OF DISCREPANCIES.
2. DIMENSIONS ARE TO FACE OF MASONRY BLOCK, BRICK, METAL STUD, AND EXISTING MATERIALS UNLESS SHOWN TO A CENTERLINE OR OTHERWISE NOTED.
3. REFER TO AW160 SERIES DWGS FOR WALL TYPE REQUIREMENTS.
4. REFER TO CODE PLANS FOR REQUIRED LOCATIONS AND EXTENTS OF FIRE RATED WALLS, PARTITIONS, BARRIERS, AND SMOKE BARRIERS. PENETRATIONS AND JOINTS IN RATED WALLS SHALL BE RATED.
5. REFER TO CODE PLANS FOR LOCATIONS AND EXTENTS OF SMOKE-TIGHT PARTITIONS.
6. ALL METAL STUD FRAMING TO BE ENGINEERED PER PROJECT MANUAL SPECIFICATIONS. ALL METAL STUD FRAMING SIZES AND GAGES INDICATED ON DOCUMENTS ARE MINIMUMS COORDINATED FOR ARCHITECTURAL DESIGN INTENT. FRAMING SPACING INDICATED IS MAXIMUM COORDINATED FOR ARCHITECTURAL DESIGN INTENT. ANY REVISIONS TO SIZES, GAGES, AND SPACING REQUIRED BY FRAMING ENGINEER MUST BE COORDINATED WITH RELATED SYSTEMS AND MATERIALS BY CONTRACTOR.



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1 THIRD FLOOR DIMENSION PLAN

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
INDUSTRY PLAZA BL SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

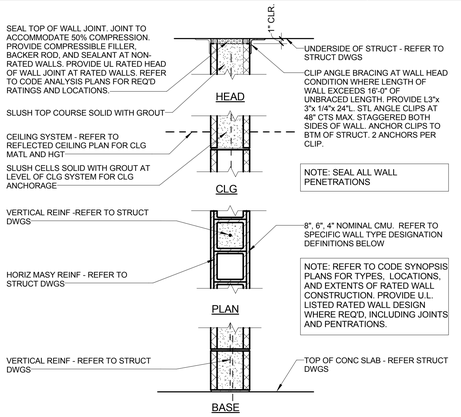
TITLE

THIRD FLOOR AND MEZZ. PLAN - DIMENSIONS AND WALL TYPES

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AW130

SHEET NO.

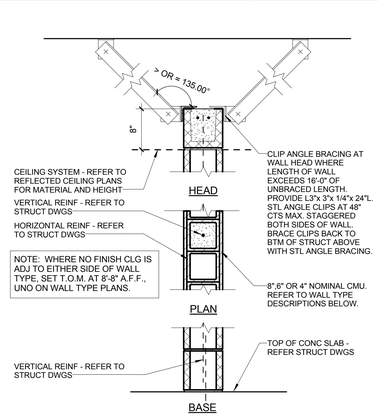


STANDARD - FULL HGT. CMU WALL TYPES:

M4 - 4" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINFORMENT AND GROUTING PER STRUCTURAL DRAWINGS. EXTEND MASONRY TO BOTTOM SIDE OF STRUCTURE.

M6 - 6" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINFORCEMENT AND GROUTING PER STRUCTURAL DRAWINGS. EXTEND MASONRY TO BOTTOM SIDE OF STRUCTURE.

M8 - 8" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINFORCEMENT AND GROUTING PER STRUCTURAL DRAWINGS. EXTEND MASORY TO BOTTOM SIDE OF STRUCTURE.

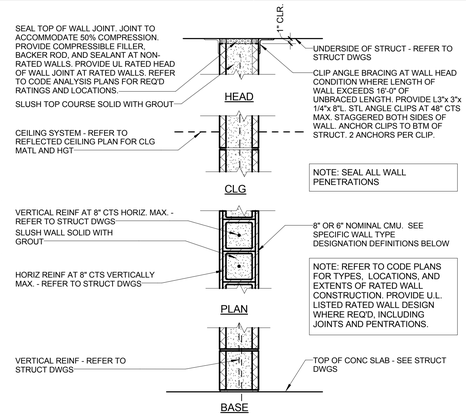


STANDARD - PARTIAL HGT. CMU WALL TYPES:

MP4 - 4" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINFORCEMENT AND GROUTING PER STRUCTURAL DRAWINGS. EXTEND MASONRY TO 8" ABOVE HIGHEST ADJACENT FINISH CEILING.

MP6 - 6" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINFORCEMENT AND GROUTING PER STRUCT DRAWINGS. EXTEND MASONRY TO 8" ABOVE HIGHEST ADJACENT FINISH CEILING.

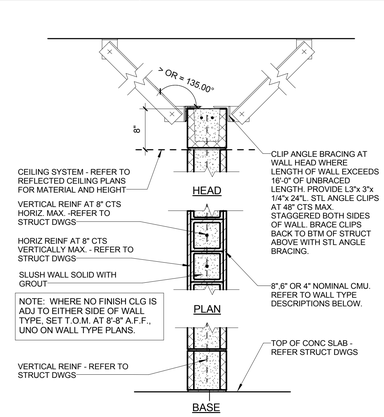
MP8 - 8" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINFORCEMENT AND GROUTING PER STRUCT DRAWINGS. EXTEND MASORY TO 8" ABOVE HIGHEST ADJACENT FINISH CEILING.



TYPE 'A' SECURITY BARRIER - FULL HGT. CMU WALL TYPES:

M6A - 6" CMU LAID IN RUNNING BOND. REFER TO STRUCT DWGS FOR REINF REQUIREMENTS. PROVIDE REINF AT THE FOLLOW SPACING: HORIZ REINF AT 8" CTS. MAX. VERTICALLY AND VERT REINF AT 8" CTS. MAX. HORIZONTALLY. SLUSH ENTIRE WALL SOLID WITH 3,000 PSI GROUT. EXTEND WALL TO BOTTOM SIDE OF STRUCTURE, UNLESS NOTED OTHERWISE ON WALL TYPE PLANS.

M8A - 8" CMU LAID IN RUNNING BOND. REFER TO STRUCT DWGS FOR REINF REQ'S. PROVIDE REINF AT THE FOLLOWING SPACING: HORIZ REINF AT 8" CTS. MAX VERTICALLY AND VERT REINF AT 8" CTS. MAX. HORIZONTALLY. SLUSH ENTIRE WALL SOLID WITH 3,000 PSI GROUT. EXTEND MASONRY TO BOTTOM SIDE OF STRUCTURE.

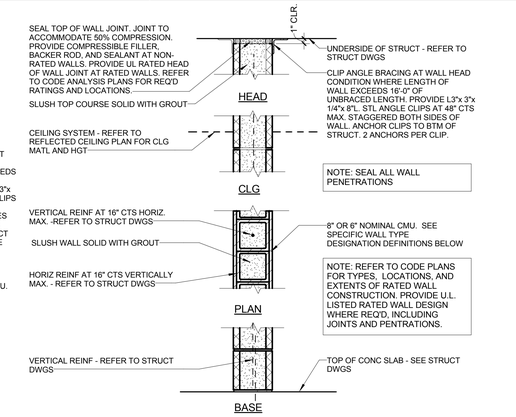


TYPE 'A' SECURITY BARRIER - PARTIAL HGT. CMU WALL TYPES:

MP4A - 4" CMU LAID IN RUNNING BOND. REFER TO STRUCT DWGS FOR REINF REQ'S. PROVIDE REINF AT THE FOLLOWING SPACING: HORIZ REINF AT 8" CTS MAX. VERTICALLY AND VERT REINF AT 8" CTS. MAX. HORIZONTALLY. SLUSH ENTIRE WALL SOLID WITH 3000 PSI GROUT. EXTEND MASONRY TO 8" ABOVE HIGHEST ADJACENT FINISH CEILING.

MP6A - 6" CMU LAID IN RUNNING BOND. REFER TO STRUCT DWGS FOR REINF REQ'S. PROVIDE REINF AT THE FOLLOWING SPACING: HORIZ REINF AT 8" CTS MAX. VERTICALLY AND VERT REINF AT 8" CTS. MAX HORIZONTALLY. SLUSH ENTIRE WALL SOLID WITH 3000 PSI GROUT. EXTEND MASONRY TO 8" ABOVE HIGHTEST ADJACENT FINISH CEILING.

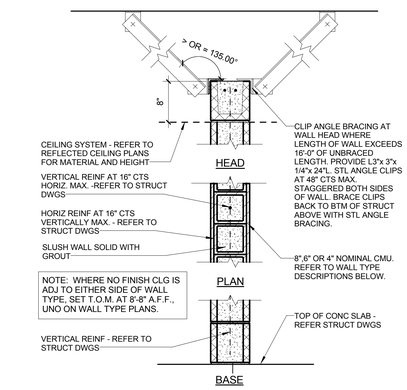
MP8A - 8" CMU LAID IN RUNNING BOND. REFER TO STRUCT DWGS FOR REINF REQ'S. PROVIDE REINF AT THE FOLLOWING SPACING: HORIZ REINF AT 8" CTS MAX VERTICALLY AND VERT REINF AT 8" CTS. MAX HORIZONTALLY. SLUSH ENTIRE WALL SOLID WITH 3000 PSI GROUT. EXTEND MASORY TO 8" ABOVE HIGHEST ADJACENT FINISH CEILING.



TYPE 'B' SECURITY BARRIER - FULL HGT. CMU WALL TYPES:

M6B - 6" CMU LAID IN RUNNING BOND. REFER TO STRUCT DWGS FOR REINF REQ'S. PROVIDE REINF AT THE FOLLOWING SPACING: HORIZ REINF AT 16" CTS. MAX. VERTICALLY AND VERT REINF AT 16" CTS. MAX. HORIZONTALLY. SLUSH ENTIRE WALL SOLID WITH 3,000 PSI GROUT. EXTEND WALL TO BOTTOM SIDE OF STRUCTURE.

M8B - 8" CMU LAID IN RUNNING BOND. REFER TO STRUCT DWGS FOR REINF REQ'S. PROVIDE REINF AT THE FOLLOWING SPACING: HORIZ REINF AT 16" CTS. MAX VERTICALLY AND VERT REINF AT 16" CTS. MAX. HORIZONTALLY. SLUSH ENTIRE WALL SOLID WITH 3,000 PSI GROUT. EXTEND MASONRY TO BOTTOM SIDE OF STRUCTURE.

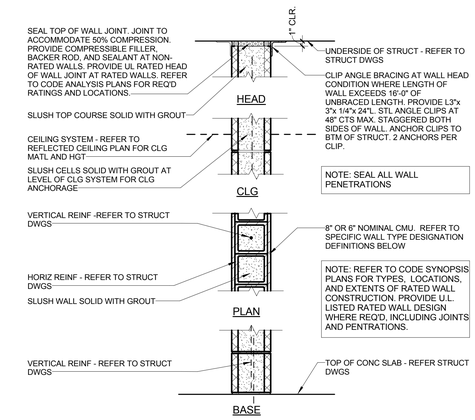


TYPE 'B' SECURITY BARRIER - PARTIAL HGT CMU WALL TYPES:

MP4B - 4" CMU LAID IN RUNNING BOND. REFER TO STRUCT DWGS FOR REINF REQ'S. PROVIDE REINF AT THE FOLLOWING SPACING: HORIZ REINF AT 16" CTS MAX. VERTICALLY AND VERT REINF AT 16" CTS. MAX. HORIZONTALLY. SLUSH ENTIRE WALL SOLID WITH 3000 PSI GROUT. EXTEND MASONRY TO 8" ABOVE HIGHEST ADJACENT FINISH CEILING.

MP6B - 6" CMU LAID IN RUNNING BOND. REFER TO STRUCT DWGS FOR REINF REQ'S. PROVIDE REINF AT THE FOLLOWING SPACING: HORIZ REINF AT 16" CTS MAX VERTICALLY AND VERT REINF AT 16" CTS. MAX HORIZONTALLY. SLUSH ENTIRE WALL SOLID WITH 3000 PSI GROUT. EXTEND MASONRY TO 8" ABOVE HIGHTEST ADJACENT FINISH CEILING. FROM TOP OF CMU TO BOTTOM SIDE OF STUCTURE PROVIDE METAL STUD AND GYP BD WALL CONSTRUCTION WITH BARRIER MESH.

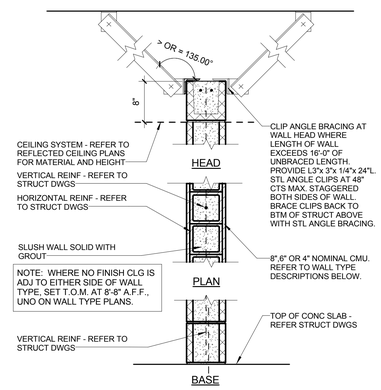
MP8B - 8" CMU LAID IN RUNNING BOND. REFER TO STRUCT DWGS FOR REINF REQ'S. PROVIDE REINF AT THE FOLLOWING SPACING: HORIZ REINF AT 16" CTS MAX VERTICALLY AND VERT REINF AT 16" CTS. MAX HORIZONTALLY. SLUSH ENTIRE WALL SOLID WITH 3000 PSI GROUT. EXTEND MASORY TO 8" ABOVE HIGHEST ADJACENT FINISH CEILING.



TYPE 'C' SECURITY BARRIER - FULL HGT CMU WALL TYPES:

M6C - 6" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINFORCEMENT PER STRUCTURAL DRAWINGS. SLUSH WALL SOLID WITH 3,000 PSI GROUT. EXTEND MASONRY TO BOTTOM SIDE OF STRUCTURE

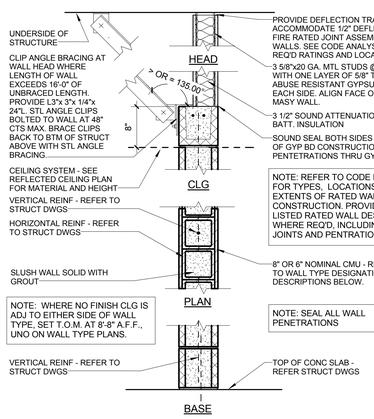
M8C - 8" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINFORCEMENT PER STRUCTURAL DRAWINGS. SLUSH WALL SOLID WITH 3,000 PSI GROUT. EXTEND MASONRY TO BOTTOM SIDE OF STRUCTURE.



TYPE 'C' SECURITY BARRIER - PARTIAL HGT CMU WALL TYPES:

MP6C - 6" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINFORCEMENT PER STRUCTURAL DRAWINGS. SLUSH WALL SOLID WITH 3,000 PSI GROUT. EXTEND MASONRY TO 8" ABOVE ADJACENT FINISH CEILING.

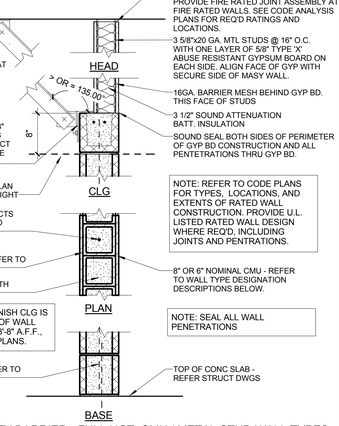
MP8C - 8" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINFORCEMENT PER STRUCTURAL DRAWINGS. SLUSH WALL SOLID WITH 3,000 PSI GROUT. EXTEND MASONRY TO 8" ABOVE ADJACENT FINISH CEILING.



STANDARD - FULL HGT. CMU / METAL STUD WALL TYPES:

MS6 - 6" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINFORCEMENT AND GROUTING PER STRUCTURAL DRAWINGS. EXTEND MASONRY TO 8" ABOVE HIGHTEST ADJACENT FINISH CEILING. FROM TOP OF THE CMU TO BOTTOM SIDE OF STUCTURE PROVIDE METAL STUD AND GYP BD WALL CONSTRUCTION.

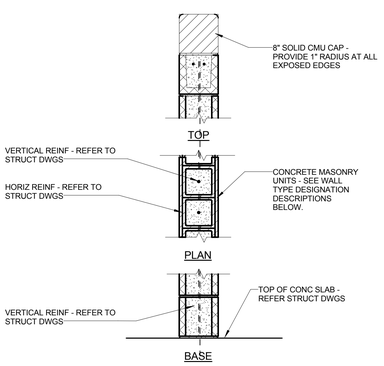
MS8 - 8" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINFORCEMENT AND GROUTING PER STRUCTURAL DRAWINGS. EXTEND MASONRY TO 8" ABOVE HIGHTEST ADJACENT FINISH CEILING. FROM TOP OF THE CMU TO BOTTOM SIDE OF STUCTURE PROVIDE METAL STUD AND GYP BD WALL CONSTRUCTION.



TYPE 'A' SECURITY BARRIER - FULL HGT. CMU / METAL STUD WALL TYPES:

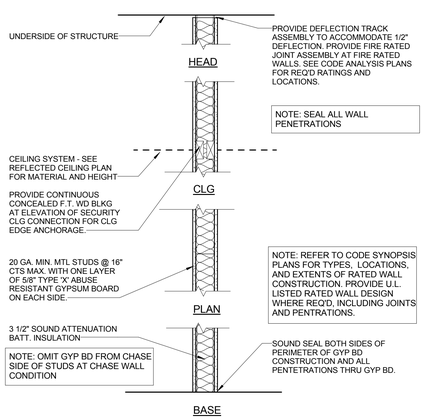
MS6A - 6" CMU LAID IN RUNNING BOND. REFER TO STRUCT DWGS FOR REINF REQ'S. PROVIDE REINF AT THE FOLLOWING SPACING: HORIZ REINF AT 8" CTS. MAX. VERTICALLY AND VERT REINF AT 8" CTS. MAX. HORIZONTALLY. SLUSH ENTIRE MASY PORTION OF WALL SOLID WITH 3000 PSI GROUT. EXTEND MASONRY TO 8" ABOVE HIGHTEST ADJACENT FINISH CEILING. FROM TOP OF CMU TO BOTTOM SIDE OF STUCTURE PROVIDE METAL STUD AND GYP BD WALL CONSTRUCTION WITH BARRIER MESH.

MS8A - 8" CMU LAID IN RUNNING BOND. REFER TO STRUCT DWGS FOR REINF REQ'S. PROVIDE REINF AT THE FOLLOWING SPACING: HORIZ REINF AT 8" CTS. MAX. VERTICALLY AND VERT REINF AT 8" CTS. MAX. HORIZONTALLY. SLUSH ENTIRE MASY PORTION OF WALL SOLID WITH 3000 PSI GROUT. EXTEND MASONRY TO 8" ABOVE HIGHTEST ADJACENT FINISH CEILING. FROM TOP OF CMU TO BOTTOM SIDE OF STUCTURE PROVIDE METAL STUD AND GYP BD WALL CONSTRUCTION WITH BARRIER MESH.



STANDARD - LOW WALL CMU WALL TYPES:

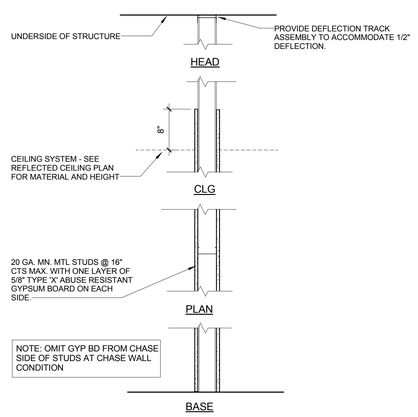
ML8 - 8" CMU LAID IN RUNNING BOND WITH HORIZONTAL AND VERTICAL REINF PER STRUCT DWGS. SET TOP OF MAS'Y AS INDICATED ON WALL TYPE PLANS.



STANDARD - FULL HGT. MTL STUD WALL TYPES:

G4 - 3 5/8"X20 GA. METAL STUDS AT 16" O.C. WITH ONE LAYER OF 5/8" TYPE 'X' HI-ABUSE GYPSUM BOARD ON EACH SIDE OF STUD PARTITION. EXTEND STUDS AND GYPSUM BOARD TO BOTTOM SIDE OF STRUCTURE.

G6 - 6"x20 GA. METAL STUDS AT 16" O.C. WITH ONE LAYER OF 5/8" TYPE 'X' HI-ABUSE GYPSUM BOARD ON EACH SIDE OF STUD PARITION. EXTEND STUDS AND GYPSUM BOARD TO BOTTOM SIDE OF STRUCTURE.



STANDARD - PARTIALLY SHEATHED MTL STUD WALL TYPES:

GP4 - 3 5/8"X20 GA. METAL STUDS AT 16" O.C. WITH ONE LAYER OF 5/8" TYPE 'X' HI-ABUSE GYPSUM BOARD ON EACH SIDE OF STUD PARTITION. EXTEND STUDS TO BOTTOM SIDE OF STRUCTURE. TERMINATE GYP BD 8" ABOVE ADJACENT FINISH CEILINGS.

GENERAL NOTES

1. PROVIDE SECURITY JOINT SEALANTS PER PROJECT MANUAL SPECIFICATIONS.
2. REFER TO CODE SYNOPSIS PLANS FOR REQUIRED LOCATIONS OF FIRE RATED WALLS, PARTITIONS, BARRIERS, AND SMOKE BARRIERS. PROVIDE U.L. LISTED RATED CONSTRUCTION ASSEMBLY MEETING OR EXCEEDING THE REQUIRED RATINGS. PENETRATIONS AND JOINTS IN RATED CONSTRUCTION SHALL BE RATED TO MATCH REQUIRED WALL RATING.
3. REFER TO CODE PLANS FOR REQUIRED LOCATIONS OF SMOKE-TIGHT PARTITIONS. SEAL ALL PENETRATIONS AND JOINTS IN SMOKE-TIGHT CONSTRUCTION.
4. REFER TO ROOM FINISH PLANS AND SCHEDULES FOR GOUND FACE BLOCK AND WALL FINISH REQUIREMENTS.
5. REFER TO STRUCT DWGS FOR ADDITIONAL WALL TYPE REQUIREMENTS.

1 WALL PARTITION TYPES

Scale: 1" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

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BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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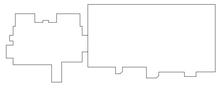
KEY PLAN



SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN

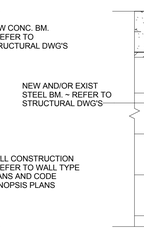
GENERAL NOTES

1. PROVIDE TAMPER-PROOF METAL FASTENERES PER PROJECT MANUAL SPECIFICATIONS.
2. PROVIDE SECURITY JOINT SEALANTS PER PROJECT MANUAL SPECIFICATIONS.
3. REFER TO CODE SYNOPSIS PLANS FOR REQUIRED LOCATIONS OF FIRE RATED WALLS, PARTITIONS, BARRIERS, AND SMOKE BARRIERS. PROVIDE U.L. LISTED RATED CONSTRUCTION ASSEMBLY MEETING OR EXCEEDING THE REQUIRED RATINGS, PENETRATIONS AND JOINTS IN RATED CONSTRUCTION SHALL BE RATED TO MATCH REQUIRED WALL RATING.
4. REFER TO CODE PLANS FOR REQUIRED LOCATIONS OF SMOKE-TIGHT PARTITIONS. SEAL ALL PENETRATIONS AND JOINTS IN SMOKE-TIGHT CONSTRUCTION.

NOTE: PROVIDE METAL STUD FRAMING AROUND PERIMETER OF STRUCTURAL PENETRATION OPENINGS IN MTL. STUD AND GYP BD. WALLS

NOTE: FILL METAL DECK FLUTES WITH ACOUSTIC INSUL. @ INTERSECTIONS WITH WALL CONST. INSUL. TO MATCH WIDTH OF WALL CONSTRUCTION.

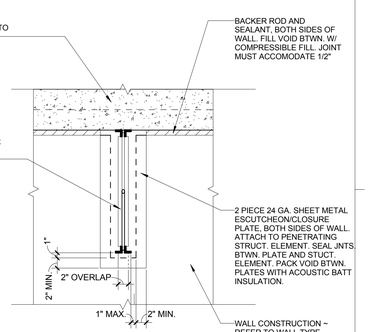
D3 NON-RATED AND SMOKE PARTITION STRUCTURAL PENETRATIONS
Scale: 1" = 1'-0"



NOTE: PROVIDE METAL STUD FRAMING AROUND PERIMETER OF STRUCTURAL PENETRATION OPENINGS IN MTL. STUD AND GYP BD. WALLS

NOTE: FILL METAL DECK FLUTES WITH ACOUSTIC INSUL. @ INTERSECTIONS WITH WALL CONST. INSUL. TO MATCH WIDTH OF WALL CONSTRUCTION.

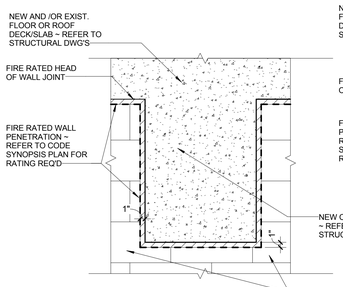
D2 NON-RATED AND SMOKE PARTITION STRUCTURAL PENETRATIONS
Scale: 1" = 1'-0"



NOTE: PROVIDE METAL STUD FRAMING AROUND PERIMETER OF STRUCTURAL PENETRATION OPENINGS IN MTL. STUD AND GYP BD. WALLS

NOTE: FILL METAL DECK FLUTES WITH ACOUSTIC INSUL. @ INTERSECTIONS WITH WALL CONST. INSUL. TO MATCH WIDTH OF WALL CONSTRUCTION.

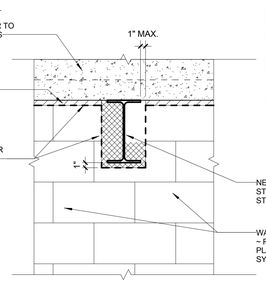
D1 NON-RATED AND SMOKE PARTITION STRUCTURAL PENETRATIONS
Scale: 1" = 1'-0"



NOTE: PROVIDE METAL STUD AND GYP BD. CASED OPENING AROUND PERIMETER OF STRUCTURAL PENETRATION OPENING IN RATED METAL STUD AND GYP BD. WALLS

NOTE: FIREBLOCK METAL DECK FLUTES WITH RATED SYSTEM @ RATED WALL CONSTRUCTION TO PROVIDE A CONTINUOUS RATED WALL ASSEMBLY EXTENDING INTO METAL DECK FLUTES

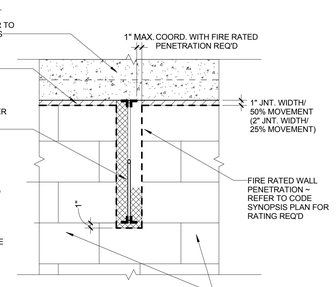
B5 TYPICAL RATED STRUCT. PENETRATION
Scale: 1" = 1'-0"



NOTE: PROVIDE METAL STUD AND GYP BD. CASED OPENING AROUND PERIMETER OF STRUCTURAL PENETRATION OPENING IN RATED METAL STUD AND GYP BD. WALLS

NOTE: FIREBLOCK METAL DECK FLUTES WITH RATED SYSTEM @ RATED WALL CONSTRUCTION TO PROVIDE A CONTINUOUS RATED WALL ASSEMBLY EXTENDING INTO METAL DECK FLUTES

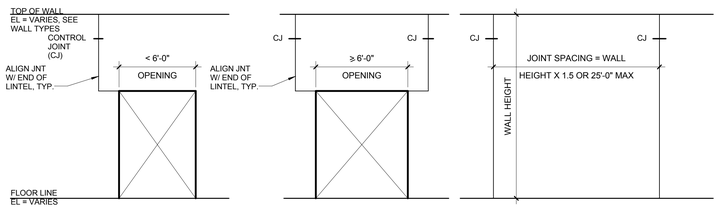
B4 TYPICAL RATED STRUCT. PENETRATION
Scale: 1" = 1'-0"



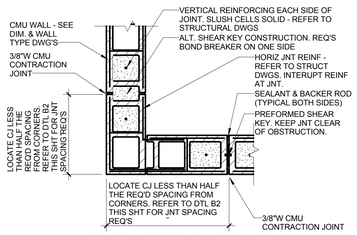
NOTE: PROVIDE METAL STUD AND GYP BD. CASED OPENING AROUND PERIMETER OF STRUCTURAL PENETRATION OPENING IN RATED METAL STUD AND GYP BD. WALLS

NOTE: FIREBLOCK METAL DECK FLUTES WITH RATED SYSTEM @ RATED WALL CONSTRUCTION TO PROVIDE A CONTINUOUS RATED WALL ASSEMBLY EXTENDING INTO METAL DECK FLUTES

B3 TYPICAL RATED STRUCT. PENETRATION
Scale: 1" = 1'-0"

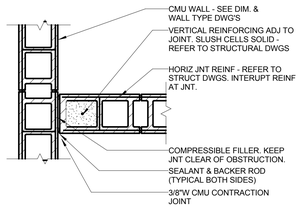


B2 TYP CMU CONTROL JOINT LOCATIONS
Scale: N.T.S.



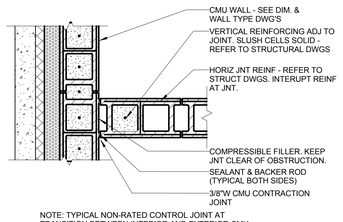
NOTE: TYPICAL REQ'S FOR CMU CONTROL JOINT SPACING FROM CORNERS, UNLESS OTHERWISE DETAILED ON CONSTRUCTION DETAILS SHEETS.

A6 TYP. CMU CONTROL JNT
Scale: 1" = 1'-0"



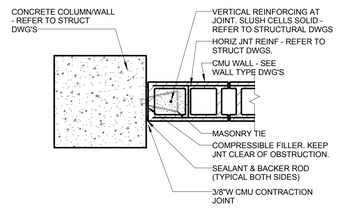
NOTE: TYPICAL NON-RATED CONTROL JOINT AT INTERSECTION OF INTERIOR CMU WALLS, UNLESS OTHERWISE DETAILED ON CONSTRUCTION DETAIL SHEETS.

A5 TYP. CMU CONTROL JNT
Scale: 1" = 1'-0"



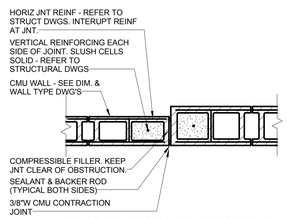
NOTE: TYPICAL NON-RATED CONTROL JOINT AT TRANSITION BETWEEN INTERIOR AND EXTERIOR CMU WALL, UNLESS OTHERWISE DETAILED ON CONSTRUCTION DETAILS SHEETS.

A4 TYP. CMU CONTROL JNT
Scale: 1" = 1'-0"



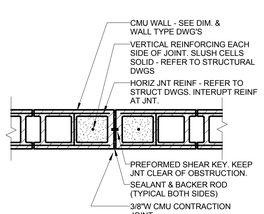
NOTE: TYPICAL CONTROL JOINT AT TRANSITION BETWEEN CMU AND CONCRETE WALLS AND COLUMNS, UNLESS OTHERWISE DETAILED ON CONSTRUCTION DETAILS SHEETS.

A3 TYP. CMU CONTROL JNT
Scale: 1" = 1'-0"



NOTE: TYPICAL JOINT AT TRANSITION IN CMU WIDTH, UNLESS OTHERWISE DETAILED ON CONSTRUCTION DETAILS SHEETS.

A2 TYP. CMU CONTROL JNT
Scale: 1" = 1'-0"



NOTE: REFER TO DTL B2 THIS SHT FOR INTERIOR CMU WALL CONTROL JOINT SPACING REQ'S

A1 TYP. CMU CONTROL JNT
Scale: 1" = 1'-0"

A JOINT-VENTURE BETWEEN
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BALTIMORE MARYLAND

SEAL

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

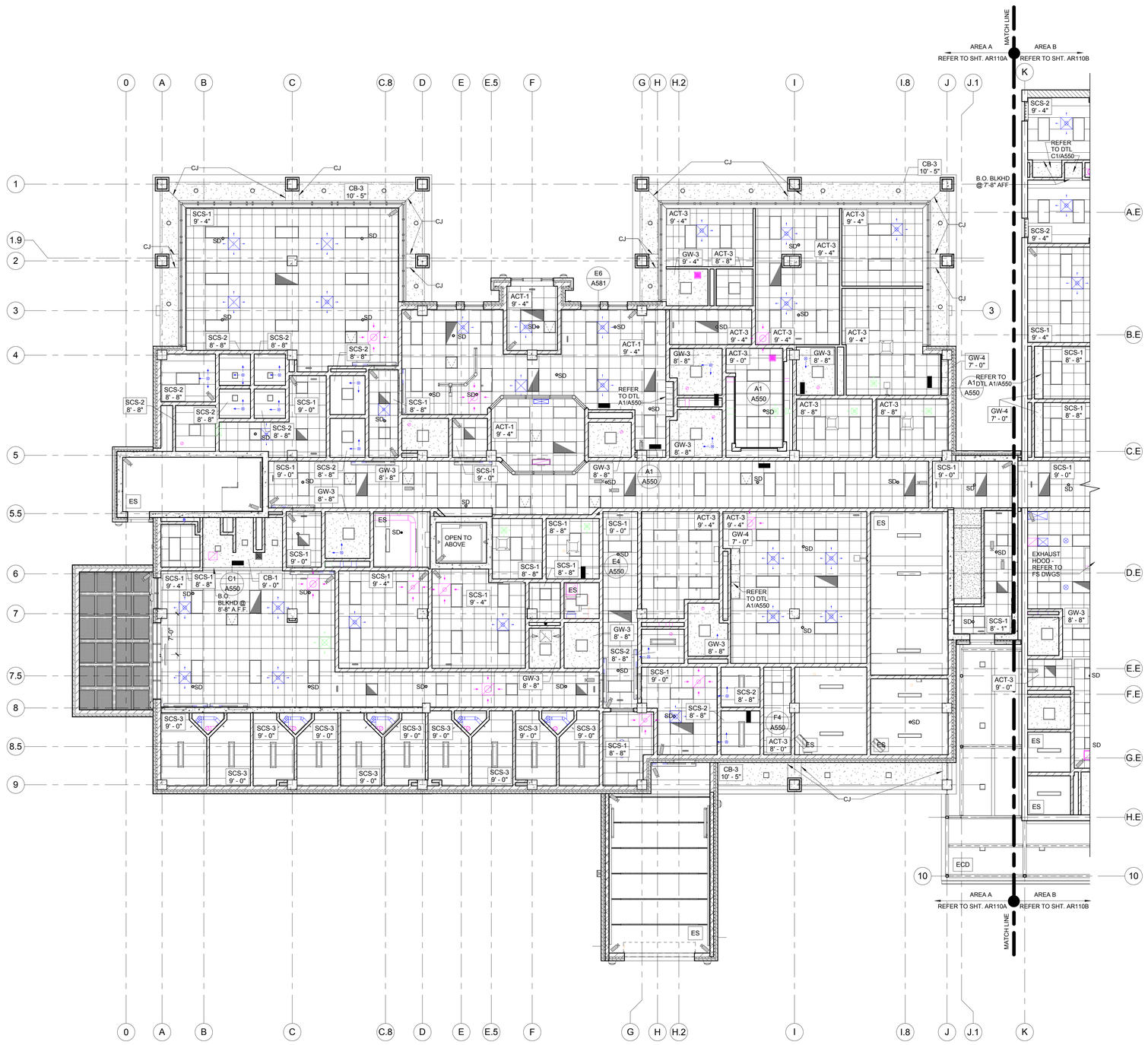
TITLE

TYPICAL WALL DETAILS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AW161

SHEET NO.



1 FIRST FLOOR REFLECTED CEILING PLAN - AREA A

Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"

GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE CEILING FIXTURES LOCATIONS WITH ABOVE CEILING WORK TO AVOID CONFLICTS.
2. ALL GYPSUM BOARD AND PLASTER CEILINGS SHALL BE PAINTED AS DESIGNATED PER ROOM FINISH SCHEDULE.
3. ALL SUSPENDED CEILINGS SHALL BE CENTERED IN ROOM AS SHOWN ON PLANS UNLESS OTHERWISE NOTED.
4. U.N.O. CONTROL JOINTS (CJ) IN GYPSUM BOARD SHALL BE SPACED NO MORE THAN 30'-0" O.C., ARCHITECT TO VERIFY ALL JOINT LOCATIONS PRIOR TO INSTALLATION.
5. COORDINATE WITH M.E.P. AND F.P. DRAWINGS FOR LIGHT FIXTURE TYPES, MECHANICAL SUPPLY/ RETURN AIR, EXHAUST GRILLS, SPRINKLER HEADS AND ACCESSORIES.
6. CONTRACTOR SHALL PROVIDE CONCEALED IN-CEILING FRAMING AND BLOCKING FOR ALL CEILING MOUNTED EQUIPMENT.
7. REFER TO EQUIPMENT SCHEDULE ON DWG. FE001 FOR CEILING MOUNTED EQUIPMENT NOTED ON THIS DWG.
8. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS AND MATERIALS NOT SHOWN HERE. HEIGHTS AND MATERIALS SHOWN HERE ARE TO CLARIFY AREAS THAT HAVE MULTIPLE CEILING HEIGHTS AND FINISHES.
9. REFER TO DETENTION DRAWINGS FOR CEILING MOUNTED DETENTION ACCESS PANEL REQUIREMENTS AND OTHER CEILING MOUNTED DETENTION EQUIPMENT DETAILS.
10. REFER TO SECURITY ELECTRONICS DRAWINGS FOR CEILING MOUNTED SECURITY FIXTURES.
11. ALL METAL SOFFIT AND CEILING FRAMING ASSEMBLIES TO BE ENGINEERED PER PROJECT MANUAL SPECIFICATIONS. ALL METAL FRAMING SIZES AND GAUGES DETAILED ARE MINIMUMS FOR ARCHITECTURAL DESIGN INTENT. FRAMING SPACING INDICATED IS MAXIMUM FOR ARCHITECTURAL DESIGN INTENT.

REFLECTED CEILING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	DETENTION WOVEN ROD MESH ASSEMBLY
	CEILING MOUNTED EXIT LIGHTS
	SECURITY LIGHT FIXTURES
	LIGHT FIXTURES
	LIGHT FIXTURES
	FLUORESCENT EMERGENCY LIGHT FIXTURES
	MECHANICAL GRILLES AND DIFFUSERS
SD HD	SMOKE DETECTOR, HEAT DETECTOR
	SECURITY CAMERA - REFER TO TECHNOLOGY DWGS
ACT-1	SUSPENDED 2 x 2 LAY-IN TEGULAR ACOUSTIC CEILING PANEL WITH HOLD DOWN CLIPS
ACT-2	SUSPENDED WASHABLE 2 X 2 LAY-IN ACOUSTIC CEILING TILE WITH ALUMINUM SUSPENSION SYSTEM AND HOLD DOWN CLIPS.
ACT-3	SUSPENDED 2 x 2 LAY-IN ACOUSTIC CEILING PANEL
ACT-4	1' x 1' ACOUSTIC CEILING TILE GLUED TO 5/8" HI-ABUSE GYPSUM WALLBOARD CEILING WITH SECURITY MESH ON SUSPENSION SYSTEM WITH #8 HANGER WIRE AT 3'-0" O.C.
CB-1	SUSPENDED CEMENT BOARD 5/8" CLG. CONSTRUCTION WITH VENEER PORTLAND CEMENT SMOOTH FINISH OVER 16 GA. EXPANDED MTL. MESH SECURITY BARRIER
CB-2	SUSPENDED 5/8" TH. CEMENT BOARD CLG. CONSTRUCTION WITH VENEER PORTLAND CEMENT SMOOTH FINISH.
CB-3	SUSPENDED 5/8" TH. CEMENT BOARD CLG. CONSTRUCTION W/ SYNTHETIC PLASTER BASE AND FINISH COATS WITH TEXTURED FINISH.
DAP	CEILING DETENTION ACCESS PANEL W/ SAFETY CHAIN - REFER TO DET DWG D501 (COORDINATE EXACT LOCATION WITH MECH)
ECD	EXPOSED STRUCTURAL PRE-FINISHED CELLULAR ACOUSTIC DECK
ES	EXPOSED STRUCTURE
GW-1	SUSPENDED 5/8" TH. GYP. BD. CLG. CONSTURCTION
GW-2	SUSPENDED 5/8" TH HIGH IMPACT GYP. BD. CLG. BACKED W/ 16 GA. EXPANDED MTL. MESH SECURTY BARRIER
GW-3	SUSPENDED 5/8" TH. HIGH ABUSE GYP. BD. CLG. CONSTRUCTION
GW-4	5/8" HIGH ABUSE GYP. BD. SOFFIT CONSTRUCTION
GW-5	5/8" TH. HIGH IMPACT GYP. BD SOFFIT BACKED W/ 16 GA EXPANDED MTL. MESH SECURITY BARRIER
GW-6	SUSPENDED 5/8" TH. HIGH ABUSE GYP. BD. BULKHEAD CONSTRUCTION
GW-7	SUSPENDED 5/8" TH. HIGH IMPACT GYP. BD. BULKHEAD BACKED WITH 16 GA. EXPANDED MTL. MESH SECURITY BARRIER
SCS-1	2'x2' METAL PAN SECURITY CEILING, PERFORATED W/ ACOUS. BATTS
SCS-2	24" SINGLE SKIN METAL PLANK SECURITY CEILING, PERFORATED W/ ACOUS. BATTS
SCS-3	24" DOUBLE SKIN METAL PLANK SECURITY CEILING

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SEAL

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

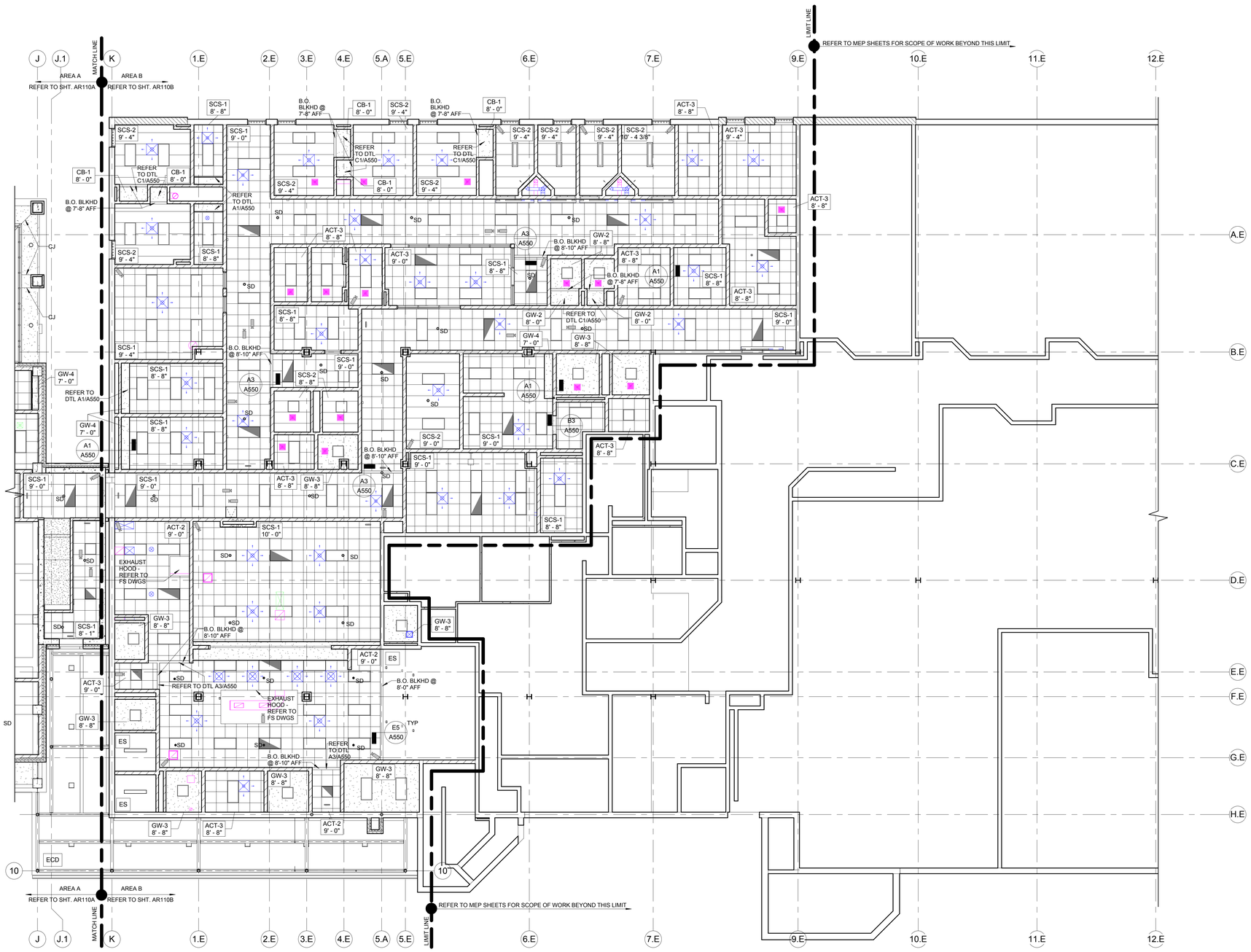
TITLE

FIRST FLOOR REFLECTED CEILING PLAN - AREA A

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AR110A

SHEET NO.



1 FIRST FLOOR REFLECTED CEILING PLAN - AREA B

Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"

GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE CEILING FIXTURES LOCATIONS WITH ABOVE CEILING WORK TO AVOID CONFLICTS.
2. ALL GYPSUM BOARD AND PLASTER CEILINGS SHALL BE PAINTED AS DESIGNATED PER ROOM FINISH SCHEDULE.
3. ALL SUSPENDED CEILINGS SHALL BE CENTERED IN ROOM AS SHOWN ON PLANS UNLESS OTHERWISE NOTED.
4. U.N.O.,CONTROL JOINTS (CJ) IN GYPSUM BOARD SHALL BE SPACED NO MORE THAN 30'-0" O.C., ARCHITECT TO VERIFY ALL JOINT LOCATIONS PRIOR TO INSTALLATION.
5. COORDINATE WITH M.E.P. AND F.P. DRAWINGS FOR LIGHT FIXTURE TYPES, MECHANICAL SUPPLY/ RETURN AIR, EXHAUST GRILLS, SPRINKLER HEADS AND ACCESSORIES.
6. CONTRACTOR SHALL PROVIDE CONCEALED IN-CEILING FRAMING AND BLOCKING FOR ALL CEILING MOUNTED EQUIPMENT.
7. REFER TO EQUIPMENT SCHEDULE ON DWG. FE001 FOR CEILING MOUNTED EQUIPMENT NOTED ON THIS DWG.
8. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS AND MATERIALS NOT SHOWN HERE. HEIGHTS AND MATERIALS SHOWN HERE ARE TO CLARIFY AREAS THAT HAVE MULTIPLE CEILING HEIGHTS AND FINISHES.
9. REFER TO DETENTION DRAWINGS FOR CEILING MOUNTED DETENTION ACCESS PANEL REQUIREMENTS AND OTHER CEILING MOUNTED DETENTION EQUIPMENT DETAILS.
10. REFER TO SECURITY ELECTRONICS DRAWINGS FOR CEILING MOUNTED SECURITY FIXTURES.
11. ALL METAL SOFFIT AND CEILING FRAMING ASSEMBLIES TO BE ENGINEERED PER PROJECT MANUAL SPECIFICATIONS. ALL METAL FRAMING SIZES AND GAUGES DETAILED ARE MINIMUMS FOR ARCHITECTURAL DESIGN INTENT. FRAMING SPACING INDICATED IS MAXIMUM FOR ARCHITECTURAL DESIGN INTENT.

REFLECTED CEILING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	DETENTION WOVEN ROD MESH ASSEMBLY
	CEILING MOUNTED EXIT LIGHTS
	SECURITY LIGHT FIXTURES
	LIGHT FIXTURES
	LIGHT FIXTURES
	FLUORESCENT EMERGENCY LIGHT FIXTURES
	MECHANICAL GRILLES AND DIFFUSERS
SD HD	SMOKE DETECTOR, HEAT DETECTOR
	SECURITY CAMERA - REFER TO TECHNOLOGY DWGS
ACT-1	SUSPENDED 2 x 2 LAY-IN TEGULAR ACOUSTIC CEILING PANEL WITH HOLD DOWN CLIPS
ACT-2	SUSPENDED WASHABLE 2 X 2 LAY-IN ACOUSTIC CEILING TILE WITH ALUMINUM SUSPENSION SYSTEM AND HOLD DOWN CLIPS.
ACT-3	SUSPENDED 2 x 2 LAY-IN ACOUSTIC CEILING PANEL
ACT-4	1" x 1" ACOUSTIC CEILING TILE GLUED TO 5/8" HI-ABUSE GYPSUM WALLBOARD CEILING WITH SECURITY MESH ON SUSPENSION SYSTEM WITH #8 HANGER WIRE AT 3'-0" O.C..
CB-1	SUSPENDED CEMENT BOARD 5/8" CLG. CONSTRUCTION WITH VENEER PORTLAND CEMENT SMOOTH FINISH OVER 16 GA. EXPANDED MTL. MESH SECURITY BARRIER
CB-2	SUSPENDED 5/8" TH. CEMENT BOARD CLG. CONSTRUCTION WITH VENEER PORTLAND CEMENT SMOOTH FINISH.
CB-3	SUSPENDED 5/8" TH. CEMENT BOARD CLG. CONSTRUCTION W/ SYNTHETIC PLASTER BASE AND FINISH COATS WITH TEXTURED FINISH.
DAP	CEILING DETENTION ACCESS PANEL W/ SAFETY CHAIN - REFER TO DET DWG D501 (COORDINATE EXACT LOCATION WITH MECH)
ECD	EXPOSED STRUCTURAL PRE-FINISHED CELLULAR ACOUSTIC DECK
ES	EXPOSED STRUCTURE
GW-1	SUSPENDED 5/8" TH. GYP. BD. CLG. CONSTURCTION
GW-2	SUSPENDED 5/8" TH HIGH IMPACT GYP. BD. CLG. BACKED W/ 16 GA. EXPANDED MTL. MESH SECURITY BARRIER
GW-3	SUSPENDED 5/8" TH. HIGH ABUSE GYP. BD. CLG. CONSTRUCTION
GW-4	5/8" HIGH ABUSE GYP. BD. SOFFIT CONSTRUCTION
GW-5	5/8" TH. HIGH IMPACT GYP. BD SOFFIT BACKED W/ 16 GA EXPANDED MTL. MESH SECURITY BARRIER
GW-6	SUSPENDED 5/8" TH. HIGH ABUSE GYP. BD. BULKHEAD CONSTRUCTION
GW-7	SUSPENDED 5/8" TH. HIGH IMPACT GYP. BD. BULKHEAD BACKED WITH 16 GA. EXPANDED MTL. MESH SECURITY BARRIER
SCS-1	2'x2' METAL PAN SECURITY CEILING, PERFORATED W/ ACOUS. BATTS
SCS-2	24" SINGLE SKIN METAL PLANK SECURITY CEILING, PERFORATED W/ ACOUS. BATTS
SCS-3	24" DOUBLE SKIN METAL PLANK SECURITY CEILING

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SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

FIRST FLOOR REFLECTED CEILING PLAN - AREA B

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AR110B

SHEET NO.

1 SECOND FLOOR REFLECTED CEILING PLAN - AREA A

Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"

GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE CEILING FIXTURES LOCATIONS WITH ABOVE CEILING WORK TO AVOID CONFLICTS.
2. ALL GYPSUM BOARD AND PLASTER CEILINGS SHALL BE PAINTED AS DESIGNATED PER ROOM FINISH SCHEDULE.
3. ALL SUSPENDED CEILINGS SHALL BE CENTERED IN ROOM AS SHOWN ON PLANS UNLESS OTHERWISE NOTED.
4. U.N.O.,CONTROL JOINTS (CJ) IN GYPSUM BOARD SHALL BE SPACED NO MORE THAN 30'-0" O.C., ARCHITECT TO VERIFY ALL JOINT LOCATIONS PRIOR TO INSTALLATION.
5. COORDINATE WITH M.E.P. AND F.P. DRAWINGS FOR LIGHT FIXTURE TYPES, MECHANICAL SUPPLY/ RETURN AIR, EXHAUST GRILLS, SPRINKLER HEADS AND ACCESSORIES.
6. CONTRACTOR SHALL PROVIDE CONCEALED IN-CEILING FRAMING AND BLOCKING FOR ALL CEILING MOUNTED EQUIPMENT.
7. REFER TO EQUIPMENT SCHEDULE ON DWG. FE001 FOR CEILING MOUNTED EQUIPMENT NOTED ON THIS DWG.
8. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS AND MATERIALS NOT SHOWN HERE. HEIGHTS AND MATERIALS SHOWN HERE ARE TO CLARIFY AREAS THAT HAVE MULTIPLE CEILING HEIGHTS AND FINISHES.
9. REFER TO DETENTION DRAWINGS FOR CEILING MOUNTED DETENTION ACCESS PANEL REQUIREMENTS AND OTHER CEILING MOUNTED DETENTION EQUIPMENT DETAILS.
10. REFER TO SECURITY ELECTRONICS DRAWINGS FOR CEILING MOUNTED SECURITY FIXTURES.
11. ALL METAL SOFFIT AND CEILING FRAMING ASSEMBLIES TO BE ENGINEERED PER PROJECT MANUAL SPECIFICATIONS. ALL METAL FRAMING SIZES AND GAUGES DETAILED ARE MINIMUMS FOR ARCHITECTURAL DESIGN INTENT. FRAMING SPACING INDICATED IS MAXIMUM FOR ARCHITECTURAL DESIGN INTENT.

REFLECTED CEILING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	DETENTION WOVEN ROD MESH ASSEMBLY
	CEILING MOUNTED EXIT LIGHTS
	SECURITY LIGHT FIXTURES
	LIGHT FIXTURES
	LIGHT FIXTURES
	FLUORESCENT EMERGENCY LIGHT FIXTURES
	MECHANICAL GRILLES AND DIFFUSERS
SD HD	SMOKE DETECTOR, HEAT DETECTOR
	SECURITY CAMERA - REFER TO TECHNOLOGY DWGS
ACT-1	SUSPENDED 2 x 2 LAY-IN TEGULAR ACOUSTIC CEILING PANEL WITH HOLD DOWN CLIPS
ACT-2	SUSPENDED WASHABLE 2 X 2 LAY-IN ACOUSTIC CEILING TILE WITH ALUMINUM SUSPENSION SYSTEM AND HOLD DOWN CLIPS.
ACT-3	SUSPENDED 2 x 2 LAY-IN ACOUSTIC CEILING PANEL
ACT-4	1" x 1" ACOUSTIC CEILING TILE GLUED TO 5/8" HI-ABUSE GYPSUM WALLBOARD CEILING WITH SECURITY MESH ON SUSPENSION SYSTEM WITH #8 HANGER WIRE AT 3'-0" O.C..
CB-1	SUSPENDED CEMENT BOARD 5/8" CLG. CONSTRUCTION WITH VENEER PORTLAND CEMENT SMOOTH FINISH OVER 16 GA. EXPANDED MTL. MESH SECURITY BARRIER
CB-2	SUSPENDED 5/8" TH. CEMENT BOARD CLG. CONSTRUCTION WITH VENEER PORTLAND CEMENT SMOOTH FINISH.
CB-3	SUSPENDED 5/8" TH. CEMENT BOARD CLG. CONSTRUCTION W/ SYNTHETIC PLASTER BASE AND FINISH COATS WITH TEXTURED FINISH.
DAP	CEILING DETENTION ACCESS PANEL W/ SAFETY CHAIN - REFER TO DET DWG D501 (COORDINATE EXACT LOCATION WITH MECH)
ECD	EXPOSED STRUCTURAL PRE-FINISHED CELLULAR ACOUSTIC DECK
ES	EXPOSED STRUCTURE
GW-1	SUSPENDED 5/8" TH. GYP. BD. CLG. CONSTURCTION
GW-2	SUSPENDED 5/8" TH HIGH IMPACT GYP. BD. CLG. BACKED W/ 16 GA. EXPANDED MTL. MESH SECURITY BARRIER
GW-3	SUSPENDED 5/8" TH. HIGH ABUSE GYP. BD. CLG. CONSTRUCTION
GW-4	5/8" HIGH ABUSE GYP. BD. SOFFIT CONSTRUCTION
GW-5	5/8" TH. HIGH IMPACT GYP. BD SOFFIT BACKED W/ 16 GA EXPANDED MTL. MESH SECURITY BARRIER
GW-6	SUSPENDED 5/8" TH. HIGH ABUSE GYP. BD. BULKHEAD CONSTRUCTION
GW-7	SUSPENDED 5/8" TH. HIGH IMPACT GYP. BD. BULKHEAD BACKED WITH 16 GA. EXPANDED MTL. MESH SECURITY BARRIER
SCS-1	2'x2' METAL PAN SECURITY CEILING, PERFORATED W/ ACOUS. BATTS
SCS-2	24" SINGLE SKIN METAL PLANK SECURITY CEILING, PERFORATED W/ ACOUS. BATTS
SCS-3	24" DOUBLE SKIN METAL PLANK SECURITY CEILING

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

SECOND FLOOR REFLECTED CEILING PLAN - AREA A

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AR120A

SHEET NO.

1 SECOND FLOOR REFLECTED CEILING PLAN - AREA B

Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"

GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE CEILING FIXTURES LOCATIONS WITH ABOVE CEILING WORK TO AVOID CONFLICTS.
2. ALL GYPSUM BOARD AND PLASTER CEILINGS SHALL BE PAINTED AS DESIGNATED PER ROOM FINISH SCHEDULE.
3. ALL SUSPENDED CEILINGS SHALL BE CENTERED IN ROOM AS SHOWN ON PLANS UNLESS OTHERWISE NOTED.
4. U.N.O.,CONTROL JOINTS (CJ) IN GYPSUM BOARD SHALL BE SPACED NO MORE THAN 30'-0" O.C., ARCHITECT TO VERIFY ALL JOINT LOCATIONS PRIOR TO INSTALLATION.
5. COORDINATE WITH M.E.P. AND F.P. DRAWINGS FOR LIGHT FIXTURE TYPES, MECHANICAL SUPPLY/ RETURN AIR, EXHAUST GRILLS, SPRINKLER HEADS AND ACCESSORIES.
6. CONTRACTOR SHALL PROVIDE CONCEALED IN-CEILING FRAMING AND BLOCKING FOR ALL CEILING MOUNTED EQUIPMENT.
7. REFER TO EQUIPMENT SCHEDULE ON DWG. FE001 FOR CEILING MOUNTED EQUIPMENT NOTED ON THIS DWG.
8. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS AND MATERIALS NOT SHOWN HERE. HEIGHTS AND MATERIALS SHOWN HERE ARE TO CLARIFY AREAS THAT HAVE MULTIPLE CEILING HEIGHTS AND FINISHES.
9. REFER TO DETENTION DRAWINGS FOR CEILING MOUNTED DETENTION ACCESS PANEL REQUIREMENTS AND OTHER CEILING MOUNTED DETENTION EQUIPMENT DETAILS.
10. REFER TO SECURITY ELECTRONICS DRAWINGS FOR CEILING MOUNTED SECURITY FIXTURES.
11. ALL METAL SOFFIT AND CEILING FRAMING ASSEMBLIES TO BE ENGINEERED PER PROJECT MANUAL SPECIFICATIONS. ALL METAL FRAMING SIZES AND GAUGES DETAILED ARE MINIMUMS FOR ARCHITECTURAL DESIGN INTENT. FRAMING SPACING INDICATED IS MAXIMUM FOR ARCHITECTURAL DESIGN INTENT.

REFLECTED CEILING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	DETENTION WOVEN ROD MESH ASSEMBLY
	CEILING MOUNTED EXIT LIGHTS
	SECURITY LIGHT FIXTURES
	LIGHT FIXTURES
	LIGHT FIXTURES
	FLUORESCENT EMERGENCY LIGHT FIXTURES
	MECHANICAL GRILLES AND DIFFUSERS
SD HD	SMOKE DETECTOR, HEAT DETECTOR
	SECURITY CAMERA - REFER TO TECHNOLOGY DWGS
ACT-1	SUSPENDED 2 x 2 LAY-IN TEGULAR ACOUSTIC CEILING PANEL WITH HOLD DOWN CLIPS
ACT-2	SUSPENDED WASHABLE 2 X 2 LAY-IN ACOUSTIC CEILING TILE WITH ALUMINUM SUSPENSION SYSTEM AND HOLD DOWN CLIPS.
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CB-1	SUSPENDED CEMENT BOARD 5/8" CLG. CONSTRUCTION WITH VENEER PORTLAND CEMENT SMOOTH FINISH OVER 16 GA. EXPANDED MTL. MESH SECURITY BARRIER
CB-2	SUSPENDED 5/8" TH. CEMENT BOARD CLG. CONSTRUCTION WITH VENEER PORTLAND CEMENT SMOOTH FINISH.
CB-3	SUSPENDED 5/8" TH. CEMENT BOARD CLG. CONSTRUCTION W/ SYNTHETIC PLASTER BASE AND FINISH COATS WITH TEXTURED FINISH.
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GW-1	SUSPENDED 5/8" TH. GYP. BD. CLG. CONSTURCTION
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PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

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Consulting Engineers
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11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

SECOND FLOOR REFLECTED CEILING PLAN - AREA B

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AR120B

SHEET NO.

THIRD FLOOR AND MEZZ. REFLECTED CEILING PLAN - AREA A

Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"

GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE CEILING FIXTURES LOCATIONS WITH ABOVE CEILING WORK TO AVOID CONFLICTS.
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	SECURITY LIGHT FIXTURES
	LIGHT FIXTURES
	LIGHT FIXTURES
	FLUORESCENT EMERGENCY LIGHT FIXTURES
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GW-3	SUSPENDED 5/8" TH. HIGH ABUSE GYP. BD. CLG. CONSTRUCTION
GW-4	5/8" HIGH ABUSE GYP. BD. SOFFIT CONSTRUCTION
GW-5	5/8" TH. HIGH IMPACT GYP. BD SOFFIT BACKED W/ 16 GA EXPANDED MTL. MESH SECURITY BARRIER
GW-6	SUSPENDED 5/8" TH. HIGH ABUSE GYP. BD. BULKHEAD CONSTRUCTION
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SCS-3	24" DOUBLE SKIN METAL PLANK SECURITY CEILING

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

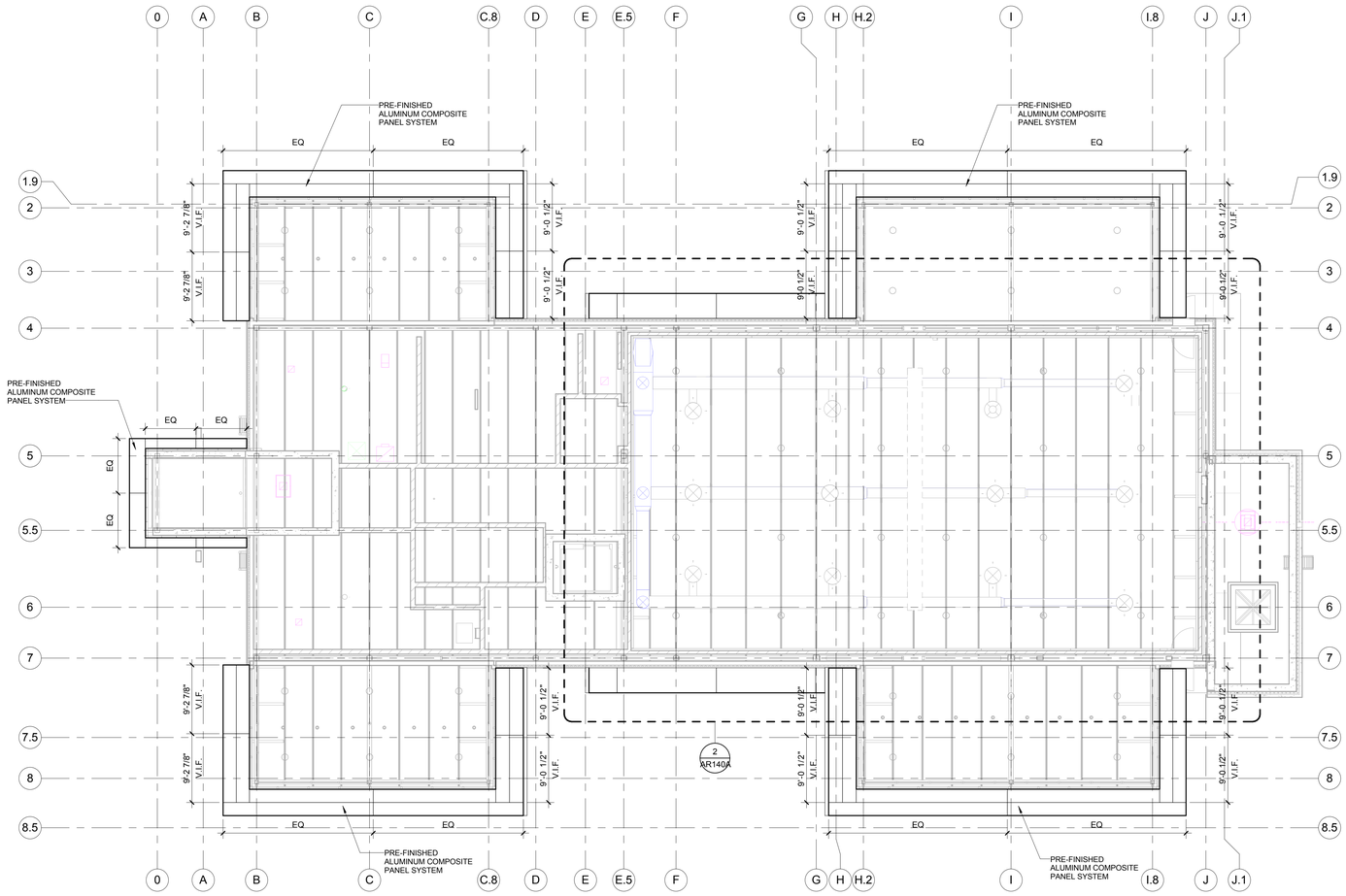
TITLE

THIRD FLOOR AND MEZZ. REFLECTED CEILING PLAN

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

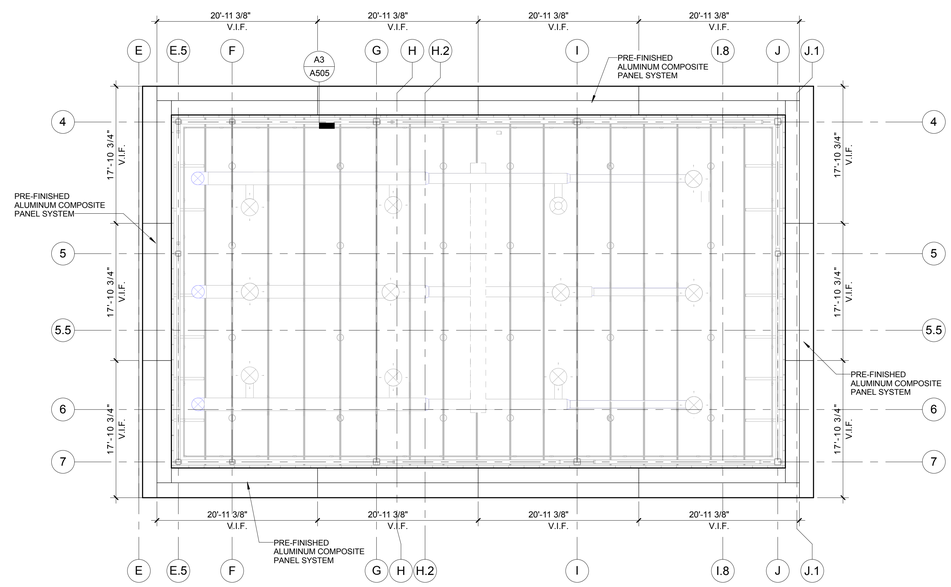
AR130A

SHEET NO.



N 1 REFLECTED DAYROOM SOFFIT PLAN
Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"



N 2 REFLECTED GYM SOFFIT PLAN
Scale: 1/8" = 1'-0"

SCALE: 1/8" = 1' - 0"

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KEY PLAN

SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

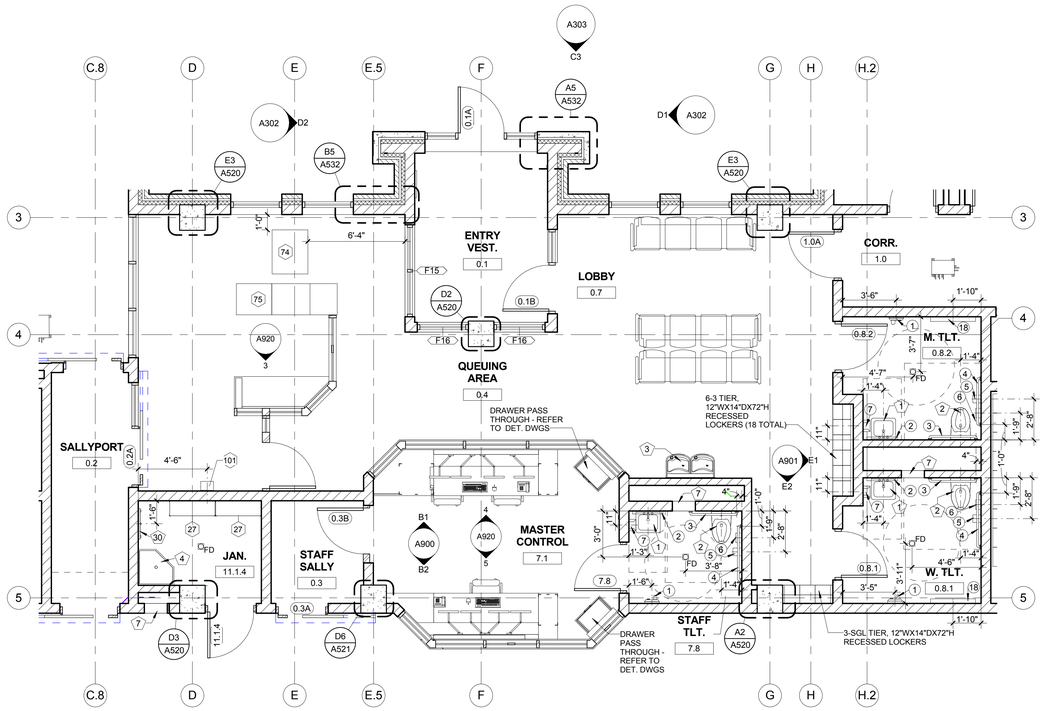
TITLE

REFLECTED SOFFIT PLANS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

AR140A

SHEET NO.



3 ENTRY AND CONTROL
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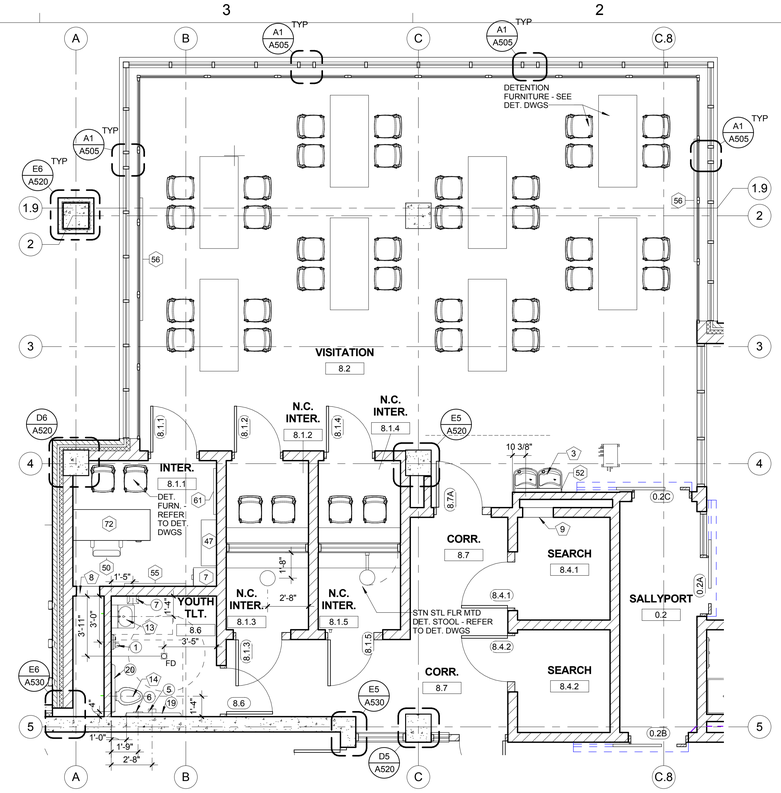
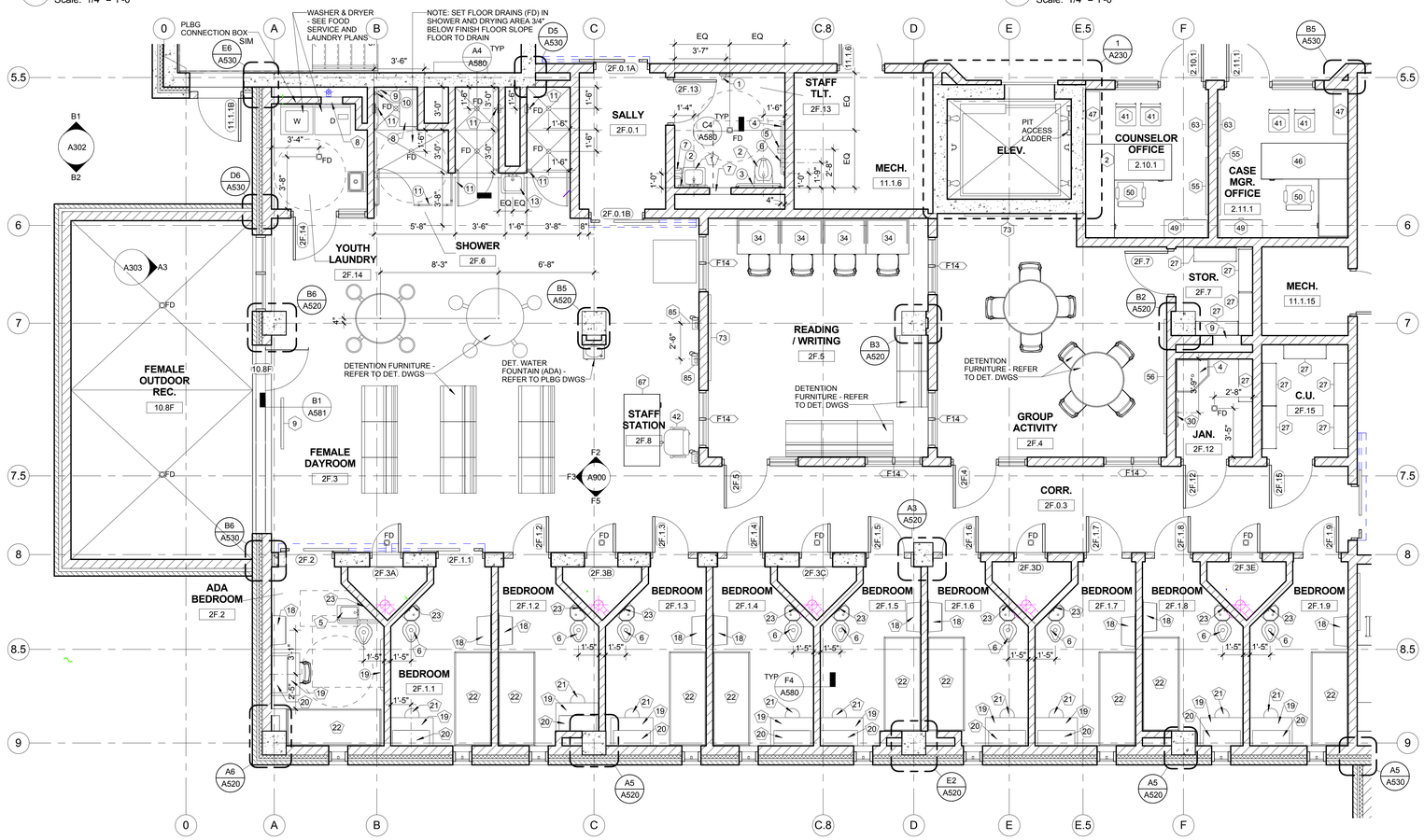
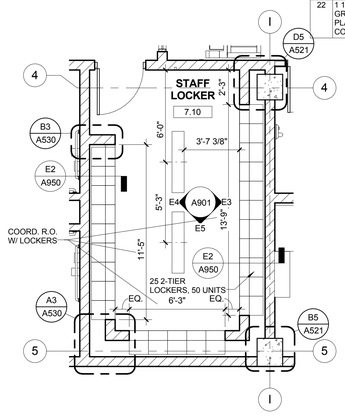


2 VISITATION
Scale: 1/4" = 1'-0"



1 FEMALE HOUSING UNIT
Scale: 1/4" = 1'-0"



4 STAFF LOCKER
Scale: 1/4" = 1'-0"

GENERAL NOTES

1. REFER TO DWGS FE DRAWINGS FOR FURNITURE, FIXTURE, AND EQUIPMENT TAGGED (X)
2. REFER TO DETENTION SHEETS FOR DETENTION FURNITURE, FIXTURES, EQUIPMENT, DOORS, MOUNTING HEIGHTS, AND GLAZED FRAMES NOT NOTED HERE.
3. SET FLOOR DRAINS FLUSH WITH FINISH FLOORING, UNLESS NOTED OR DETAILED OTHERWISE. SEE ROOM FINISH SCHEDULE FOR FLOORING FINISH REQUIREMENTS.
4. ALL DIMENSIONS SHOWN ARE FROM FACE OF FINISHED WALL CONSTRUCTION OR THE CENTERLINE OF A PLUMBING FIXTURE, TOILET ACCESSORY, OR TOILET PARTITION.
5. PROVIDE TAMPER-PROOF METAL FASTENERS PER PROJECT MANUAL SPECIFICATION SECTION 111900.
6. PROVIDE SECURITY JOINT SEALANTS PER PROJECT MANUAL SPECIFICATION SECTION 111900.
7. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL PIPING ACCESS REQUIREMENTS. COORDINATE EXACT LOCATIONS OF ACCESS PANELS WITH PLBG INSTALLATION.
8. REFER TO SHEET A610 FOR TAGGED(_XX_)HM FRAME ELEVATIONS.
9. REFER TO SHEET A620 FOR TAGGED(_XX_)ALUMINUM FRAME ELEVATIONS.
10. REFER TO DETENTION SHEETS FOR TAGGED(_XX_)DETENTION FRAME ELEVATIONS.

KEYED PLAN (#) NOTES

NO.	DESCRIPTION
1	WALL MOUNTED LAV (ADA) - REFER TO PLBG DWGS
2	WALL MOUNTED WC (ADA) - REFER TO PLBG DWGS
3	ELECTRIC WATER COOLER (ADA) - REFER TO PLBG DWGS
4	MOP SINK BASIN - REFER TO PLBG DWGS
5	DETENTION COMBINATION UNIT (ADA) - REFER TO DET AND PLBG DWGS
6	DETENTION COMBINATION UNIT - REFER TO DET AND PLBG DWGS
7	18"W x 18"H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
8	18"W x 18"H DETENTION ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION - REFER TO DET. DWG D 501
9	24"W X 24" H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
10	15"W x 15"H ACCESS PANEL - COORD. EXACT LOCATION
11	DETENTION SHOWER FIXTURE - REFER TO PLBG DWGS
12	DETENTION WATER FOUNTAIN - REFER TO PLBG DWGS
13	DETENTION LAV (ADA) - REFER TO PLBG DWGS
14	DETENTION WC (ADA) - REFER TO PLBG DWGS
15	SINK WITH FOOT PEDAL CONTROLS - REFER TO PLBG DWGS
16	NOT USED
17	DETENTION SHOWER FIXTURE (ADA) - REFER TO PLBG DWGS
18	WALL MTD 3-TIER OPEN SHELVING - REFER TO DETENTION DWGS
19	DETENTION DESK - REFER TO DETENTION DWGS
20	WALL MTD OPEN SHELF, LOCATED OVER DESK - REFER TO DETENTION DWGS
21	FLOOR MTD DETENTION STOOL, CENTER ON DESK - REFER TO DETENTION DWGS
22	FLOOR MTD DETENTION BED - REFER TO DETENTION DWGS
23	WALL MTD DETENTION MIRROR - REFER TO DETENTION DWGS
24	HDPE WALL GUARD - TYPE A - DTL A6/A581
25	HDPE WALL GUARD - TYPE B - DTL A6/A581
26	HDPE 3 1/2" CORNER GUARD - TYPE A - DTL A6/A581
27	HDPE 3 1/2" CORNER GUARD - TYPE B - DTL A6/A581
28	HDPE 3 1/2" CORNER GUARD - TYPE C - DTL A6/A581
29	PAINTED MTL STAIRS, STL BAR GRATE TREADS, PIPE GUARDRAIL AND HANDRAILS, TYP IN HOUSING UNITS
30	MOP RACK

TOILET ACCESSORIES SCHEDULE (#)

NO.	DESCRIPTION	MANUFACTURER	MODEL NO.	MOUNTING HEIGHT
1	SURFACE MOUNTED ELECTRIC HAND DRYER	BOBRICK	XLERATOR	XL-SERIES	41" TO BOTTOM OF DRYER
2	WALL MIRROR - 24"W X 36"H, CENTER OVER SINK	BOBRICK	B-290 SERIES	40" TO BTM. OF REFLECTIVE SURFACE
3	1 1/2" O.D. STAINLESS STEEL GRAB BAR / 36" L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
4	1 1/2" O.D. STAINLESS STEEL GRAB BAR / 42"L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
5	SURFACE MOUNTED TOILET TISSUE DISPENSER	BOBRICK	B-2888	19" TO BOTTOM OF UNIT
6	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK	B-254	28" TO TOP OF UNIT
7	WALL MOUNTED SOAP DISPENSER	--	OWNER PROVIDED	42" TO BOTTOM OF UNIT
8	FOLD UP SHOWER SEAT	BOBRICK	B-517 (OR B-518)	18" TO TOP OF SEAT
9	1 1/2" O.D. STAINLESS STEEL SHOWER GRAB BAR/ 18"X32" L-SHAPED W/ UNDER SLUNG PLATE HAVING WEEPS IN CORNERS	--	REFER TO DET. SPECS	REFER TO DET. SPECS
10	STAINLESS STEEL VERTICAL SHOWER GRAB BAR	BOBRICK	B-6806 SERIES	34" TO TOP OF BAR
11	PHENOLIC RESIN TOILET PARTITION	GENERAL PARTITIONS	COLOR-THRU PHENOLIC - 30 SERIES	FLOOR MOUNTED
12	1 1/2" O.D. STAINLESS STEEL GRAB BAR /48" L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
13	1 1/2" O.D. STAINLESS STEEL GRAB BAR /24"L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
14	RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE	BOBRICK	B-3944	60" TO TOP OF UNIT
15	SURFACE MOUNTED PAPER TOWEL DISPENSER	BOBRICK	B-262	54" TO TOP OF UNIT
16	60" HEAVY DUTY SHOWER CURTAIN ROD WITH CONCEALED MOUNTING	BOBRICK	B-207	7'-0" A.F.F.
17	36" HEAVY DUTY SHOWER CURTAIN ROD WITH CONCEALED MOUNTING	BOBRICK	B-207	7'-0" A.F.F.
18	WALL MOUNTED FOLD-DOWN BABY CHANGING TABLE	BOBRICK	KB200	41" TO BOTTOM OF DRYER
19	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS/ 42"L	--	REFER TO DET. SPECS	REFER TO DET. SPECS
20	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS/ 36" L	--	REFER TO DET. SPECS	REFER TO DET. SPECS
21	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS /48" L	--	REFER TO DET. SPECS	REFER TO DET. SPECS
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STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
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SEAL
ARCHITECT 13814 JAMES L. BEGIC STATE OF MARYLAND

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KEY PLAN

SCALE
As indicated

No.	Description	Date

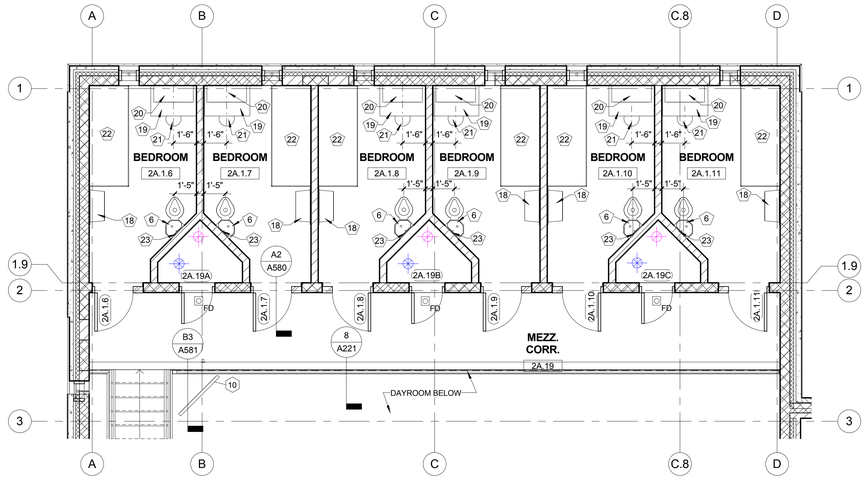
REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

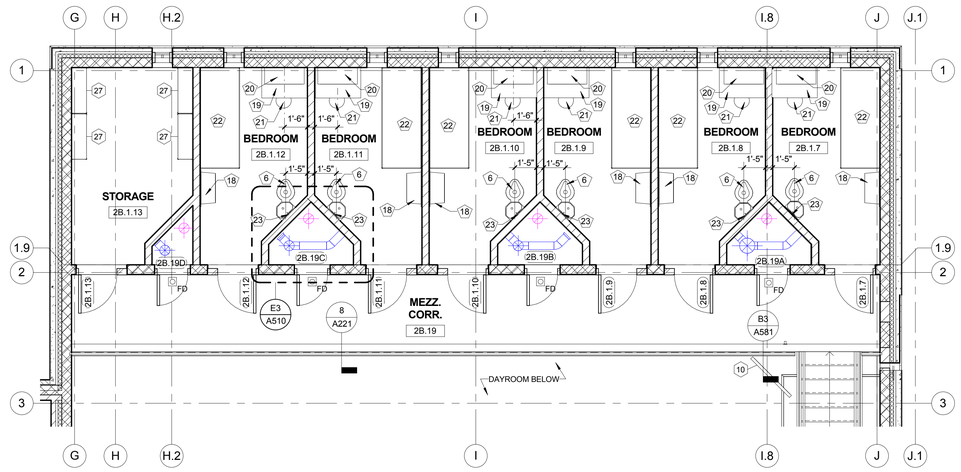
TITLE
LARGE SCALE FLOOR PLANS

PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

A200
SHEET NO.



4 12 BED MALE HSG MEZZ (TYPICAL OF 2)
Scale: 1/4" = 1'-0" 1/AP130A



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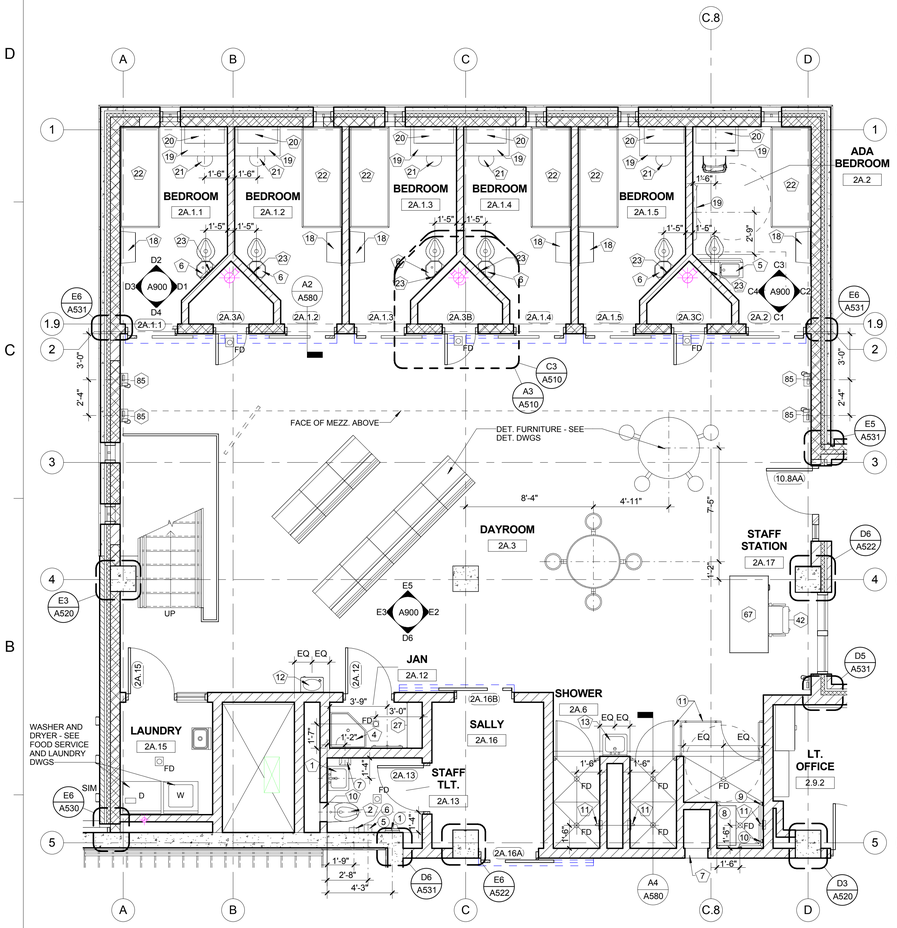
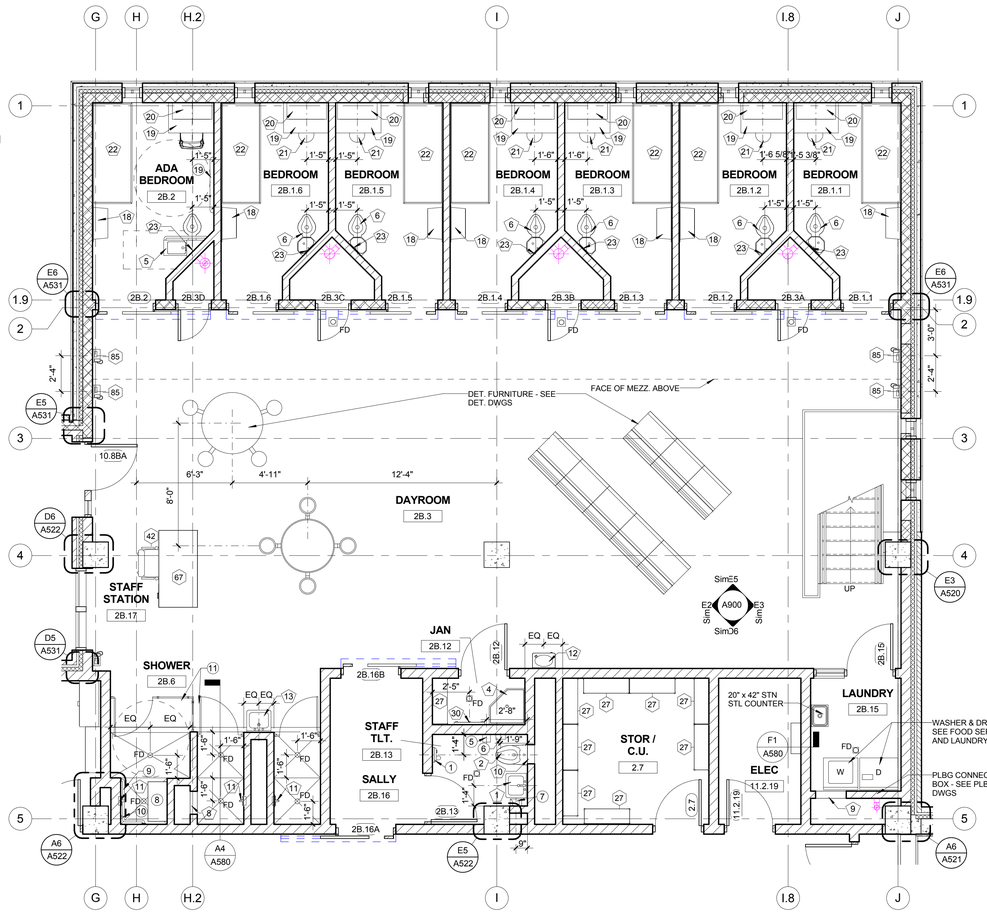


2 12 BED MALE HSG UNIT (TYPICAL OF 2)
Scale: 1/4" = 1'-0" 1/AP120A



1 13 BED MALE HSG UNIT (TYPICAL OF 2)
Scale: 1/4" = 1'-0" 1/AP120A

N

0' 2' 4' 8'

GENERAL NOTES

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2. REFER TO DETENTION SHEETS FOR DETENTION FURNITURE, FIXTURES, EQUIPMENT, DOORS, MOUNTING HEIGHTS, AND GLAZED FRAMES NOT NOTED HERE.
3. SET FLOOR DRAINS FLUSH WITH FINISH FLOORING, UNLESS NOTED OR DETAILED OTHERWISE. SEE ROOM FINISH SCHEDULE FOR FLOORING FINISH REQUIREMENTS.
4. ALL DIMENSIONS SHOWN ARE FROM FACE OF FINISHED WALL CONSTRUCTION OR THE CENTERLINE OF A PLUMBING FIXTURE, TOILET ACCESSORY, OR TOILET PARTITION.
5. PROVIDE TAMPER-PROOF METAL FASTENERS PER PROJECT MANUAL SPECIFICATION SECTION 111900.
6. PROVIDE SECURITY JOINT SEALANTS PER PROJECT MANUAL SPECIFICATION SECTION 111900.
7. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL PIPING ACCESS REQUIREMENTS. COORDINATE EXACT LOCATIONS OF ACCESS PANELS WITH PLBG INSTALLATION.
8. REFER TO SHEET A610 FOR TAGGED (XX) HM FRAME ELEVATIONS.
9. REFER TO SHEET A620 FOR TAGGED (XX) ALUMINUM FRAME ELEVATIONS.
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KEYED PLAN (#) NOTES

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7	18"W x 18"H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
8	18"W x 18"H DETENTION ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION - REFER TO DET. DWG D.501
9	24"W X 24" H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
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3	1 1/2" O.D. STAINLESS STEEL GRAB BAR / 36" L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
4	1 1/2" O.D. STAINLESS STEEL GRAB BAR / 42"L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
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ARCHITECT 13814 JAMES L. BEGGS STATE OF MARYLAND

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

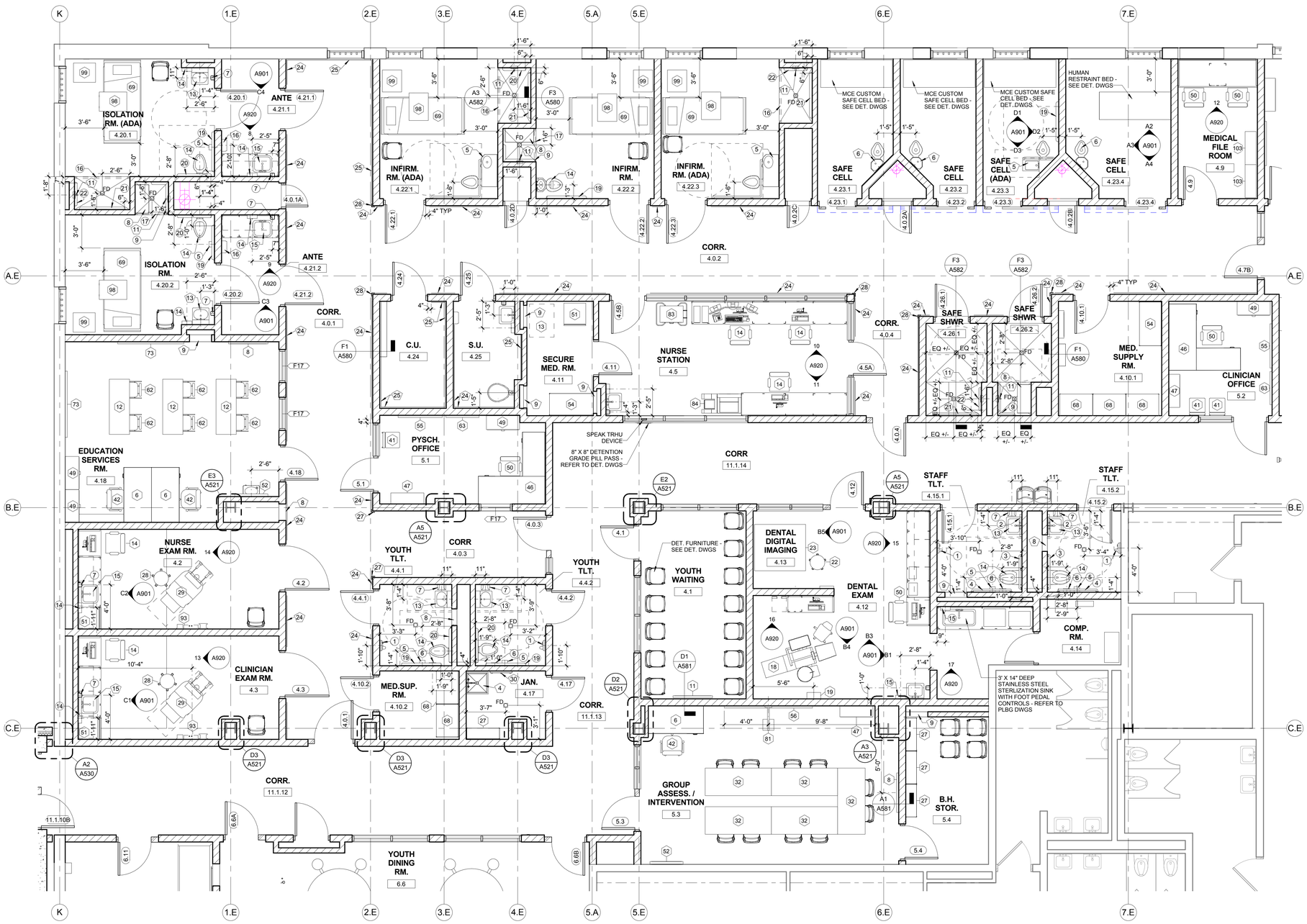
TITLE

LARGE SCALE FLOOR PLANS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A201

SHEET NO.



1 MEDICAL AND BEHAVIORAL HEALTH
Scale: 1/4" = 1'-0"

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SCALE

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DRAWN BY	TJM
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TITLE

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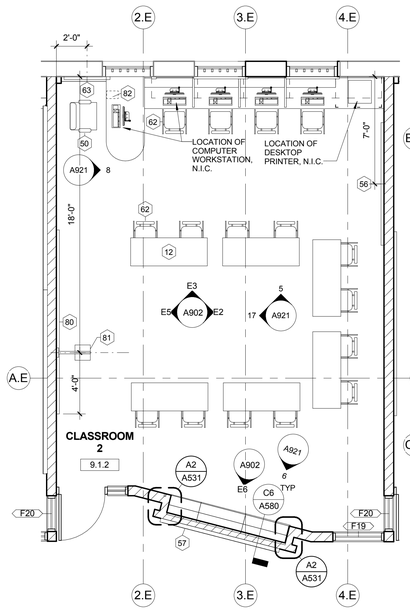
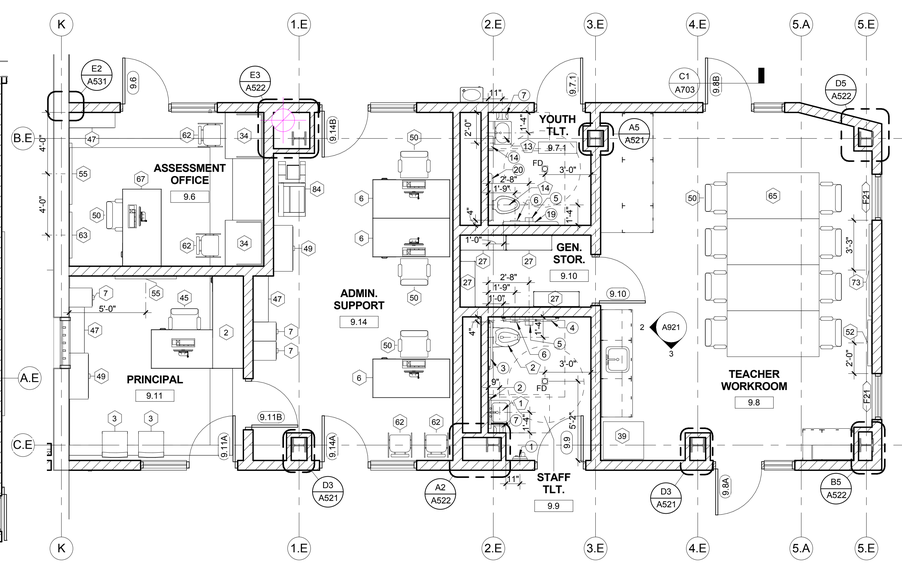
DPSCS CONTRACT NO.	KT-000-150-C01

A202

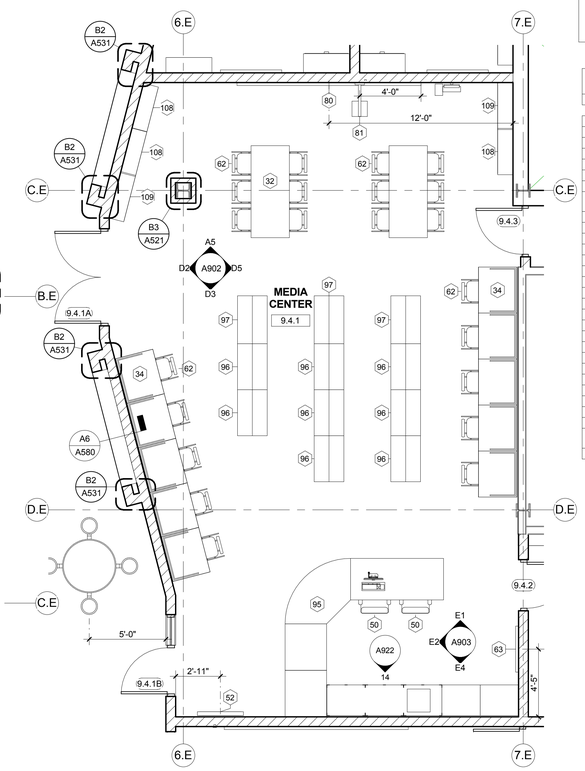
SHEET NO.



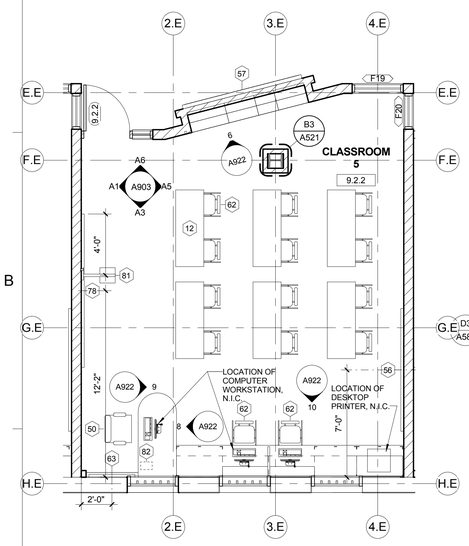
6 CLASSROOM
Scale: 1/4" = 1'-0" 1/AP120B



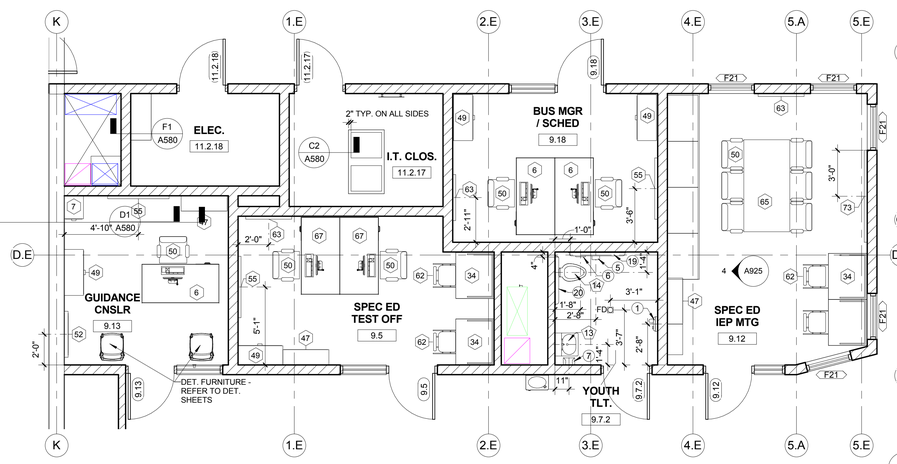
5 EDUCATION SUPPORT (ADA)
Scale: 1/4" = 1'-0" 1/AP120B



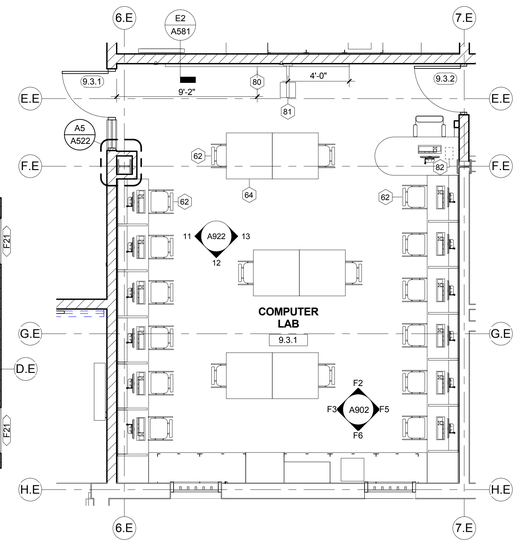
4 MEDIA CENTER
Scale: 1/4" = 1'-0" 1/AP120B



3 SM. CLASSROOM
Scale: 1/4" = 1'-0" 1/AP120B



2 SPECIAL EDUC. SUPPORT (ADA)
Scale: 1/4" = 1'-0" 1/AP120B



1 COMPUTER LAB
Scale: 1/4" = 1'-0" 1/AP120B

GENERAL NOTES

1. REFER TO DWGS FE DRAWINGS FOR FURNITURE, FIXTURE, AND EQUIPMENT TAGGED (X)
2. REFER TO DETENTION SHEETS FOR DETENTION FURNITURE, FIXTURES, EQUIPMENT, DOORS, MOUNTING HEIGHTS, AND GLAZED FRAMES NOT NOTED HERE.
3. SET FLOOR DRAINS FLUSH WITH FINISH FLOORING, UNLESS NOTED OR DETAILED OTHERWISE. SEE ROOM FINISH SCHEDULE FOR FLOORING FINISH REQUIREMENTS.
4. ALL DIMENSIONS SHOWN ARE FROM FACE OF FINISHED WALL CONSTRUCTION OR THE CENTERLINE OF A PLUMBING FIXTURE, TOILET ACCESSORY, OR TOILET PARTITION.
5. PROVIDE TAMPER-PROOF METAL FASTENERS PER PROJECT MANUAL SPECIFICATION SECTION 111900.
6. PROVIDE SECURITY JOINT SEALANTS PER PROJECT MANUAL SPECIFICATION SECTION 111900.
7. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL PIPING ACCESS REQUIREMENTS. COORDINATE EXACT LOCATIONS OF ACCESS PANELS WITH PLBG INSTALLATION.
8. REFER TO SHEET A610 FOR TAGGED (XX) HM FRAME ELEVATIONS.
9. REFER TO SHEET A620 FOR TAGGED (XX) ALUMINUM FRAME ELEVATIONS.
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KEYED PLAN (#) NOTES

NO.	DESCRIPTION
1	WALL MOUNTED LAV (ADA) - REFER TO PLBG DWGS
2	WALL MOUNTED WC (ADA) - REFER TO PLBG DWGS
3	ELECTRIC WATER COOLER (ADA) - REFER TO PLBG DWGS
4	MOP SINK BASIN - REFER TO PLBG DWGS
5	DETENTION COMBINATION UNIT (ADA) - REFER TO DET AND PLBG DWGS
6	DETENTION COMBINATION UNIT - REFER TO DET AND PLBG DWGS
7	18"W x 18"H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
8	18"W x 18"H DETENTION ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION - REFER TO DET. DWG D 501
9	24"W X 24"H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
10	15"W x 15"H ACCESS PANEL - COORD. EXACT LOCATION
11	DETENTION SHOWER FIXTURE - REFER TO PLBG DWGS
12	DETENTION WATER FOUNTAIN - REFER TO PLBG DWGS
13	DETENTION LAV (ADA) - REFER TO PLBG DWGS
14	DETENTION WC (ADA) - REFER TO PLBG DWGS
15	SINK WITH FOOT PEDAL CONTROLS - REFER TO PLBG DWGS
16	NOT USED
17	DETENTION SHOWER FIXTURE (ADA) - REFER TO PLBG DWGS
18	WALL MTD 3-TIER OPEN SHELVING - REFER TO DETENTION DWGS
19	DETENTION DESK - REFER TO DETENTION DWGS
20	WALL MTD OPEN SHELF, LOCATED OVER DESK - REFER TO DETENTION DWGS
21	FLOOR MTD DETENTION STOOL, CENTER ON DESK - REFER TO DETENTION DWGS
22	FLOOR MTD DETENTION BED - REFER TO DETENTION DWGS
23	WALL MTD DETENTION MIRROR - REFER TO DETENTION DWGS
24	HDPE WALL GUARD - TYPE A - DTL A6/A581
25	HDPE WALL GUARD - TYPE B - DTL A6/A581
26	HDPE 3 1/2" CORNER GUARD - TYPE A - DTL A6/A581
27	HDPE 3 1/2" CORNER GUARD - TYPE B - DTL A6/A581
28	HDPE 3 1/2" CORNER GUARD - TYPE C - DTL A6/A581
29	PAINTED MTL STAIRS, STL BAR GRATE TREADS, PIPE GUARDRAIL AND HANDRAILS, TYP IN HOUSING UNITS
30	MOP RACK

TOILET ACCESSORIES SCHEDULE (#)

NO.	DESCRIPTION	MANUFACTURER	MODEL NO.	MOUNTING HEIGHT
1	SURFACE MOUNTED ELECTRIC HAND DRYER	XLERATOR	XL-SERIES	41" TO BOTTOM OF DRYER
2	WALL MIRROR - 24"W X 36"H, CENTER OVER SINK	BOBRICK	B-290 SERIES	40" TO BTM. OF REFLECTIVE SURFACE
3	1 1/2" O.D. STAINLESS STEEL GRAB BAR / 36" L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
4	1 1/2" O.D. STAINLESS STEEL GRAB BAR / 42"L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
5	SURFACE MOUNTED TOILET TISSUE DISPENSER	BOBRICK	B-2888	19" TO BOTTOM OF UNIT
6	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK	B-254	28" TO TOP OF UNIT
7	WALL MOUNTED SOAP DISPENSER	--	OWNER PROVIDED	42" TO BOTTOM OF UNIT
8	FOLD UP SHOWER SEAT	BOBRICK	B-517 (OR B-518)	18" TO TOP OF SEAT
9	1 1/2" O.D. STAINLESS STEEL SHOWER GRAB BAR/ 18"X32" L-SHAPED W/ UNDER SLUNG PLATE HAVING WEEPS IN CORNERS	--	REFER TO DET. SPECS	REFER TO DET. SPECS
10	STAINLESS STEEL VERTICAL SHOWER GRAB BAR	BOBRICK	B-6806 SERIES	34" TO TOP OF BAR
11	PHENOLIC RESIN TOILET PARTITION	GENERAL PARTITIONS	COLOR-THRU PHENOLIC - 30 SERIES	FLOOR MOUNTED
12	1 1/2" O.D. STAINLESS STEEL GRAB BAR /48" L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
13	1 1/2" O.D. STAINLESS STEEL GRAB BAR /24"L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
14	RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE	BOBRICK	B-3944	60" TO TOP OF UNIT
15	SURFACE MOUNTED PAPER TOWEL DISPENSER	BOBRICK	B-262	54" TO TOP OF UNIT
16	60" HEAVY DUTY SHOWER CURTAIN ROD WITH CONCEALED MOUNTING	BOBRICK	B-207	7'-0" A.F.F.
17	36" HEAVY DUTY SHOWER CURTAIN ROD WITH CONCEALED MOUNTING	BOBRICK	B-207	7'-0" A.F.F.
18	WALL MOUNTED FOLD-DOWN BABY CHANGING TABLE	BOBRICK	KB200	41" TO BOTTOM OF DRYER
19	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS/ 42"L	--	REFER TO DET. SPECS	REFER TO DET. SPECS
20	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS/ 36" L	--	REFER TO DET. SPECS	REFER TO DET. SPECS
21	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS /48" L	--	REFER TO DET. SPECS	REFER TO DET. SPECS
22	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS/24"L	--	REFER TO DET. SPECS	REFER TO DET. SPECS

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115
TERRALOGOS ECO ARCHITECTURE
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

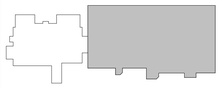
BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN



SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

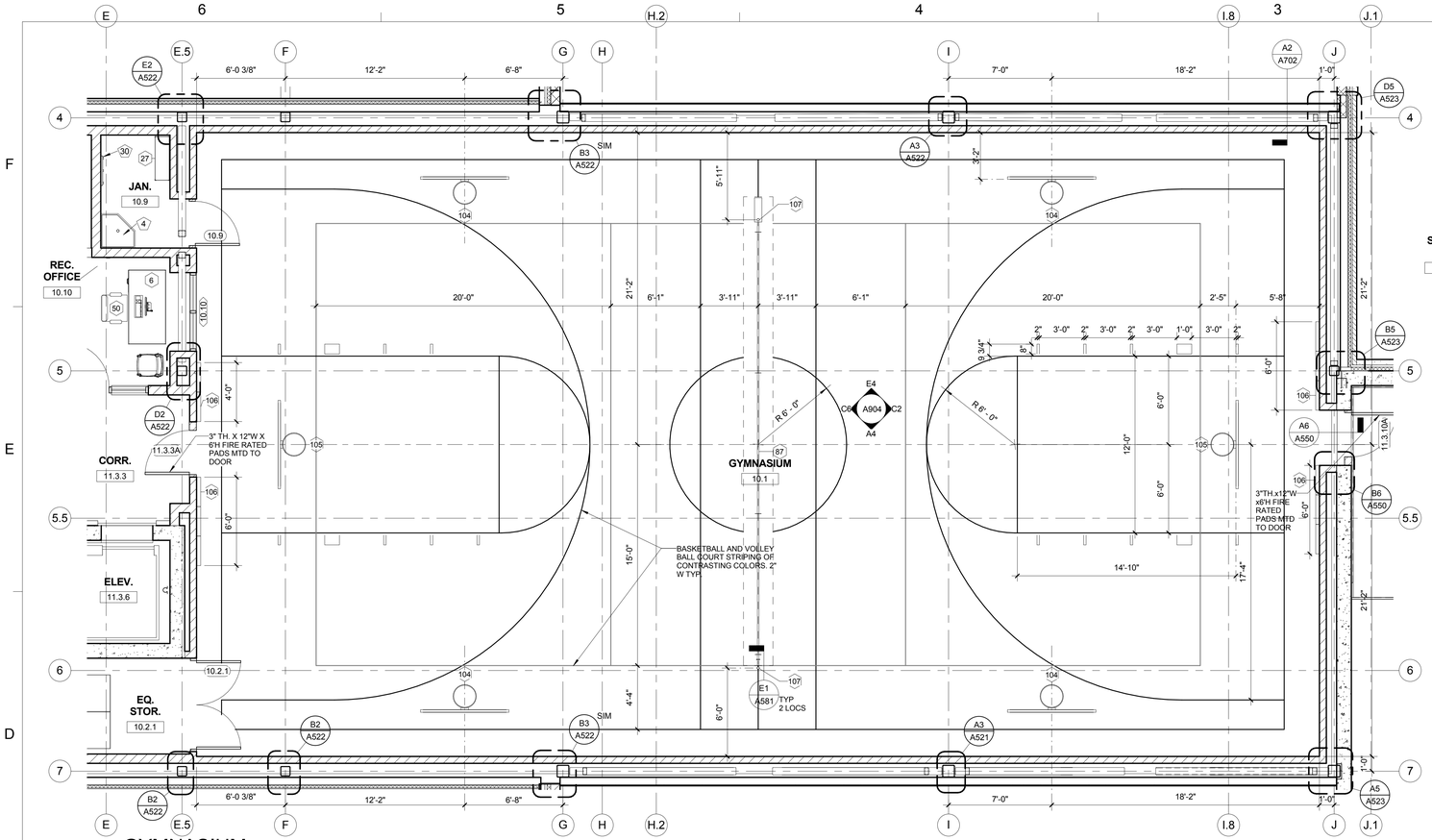
TITLE

LARGE SCALE FLOOR PLANS

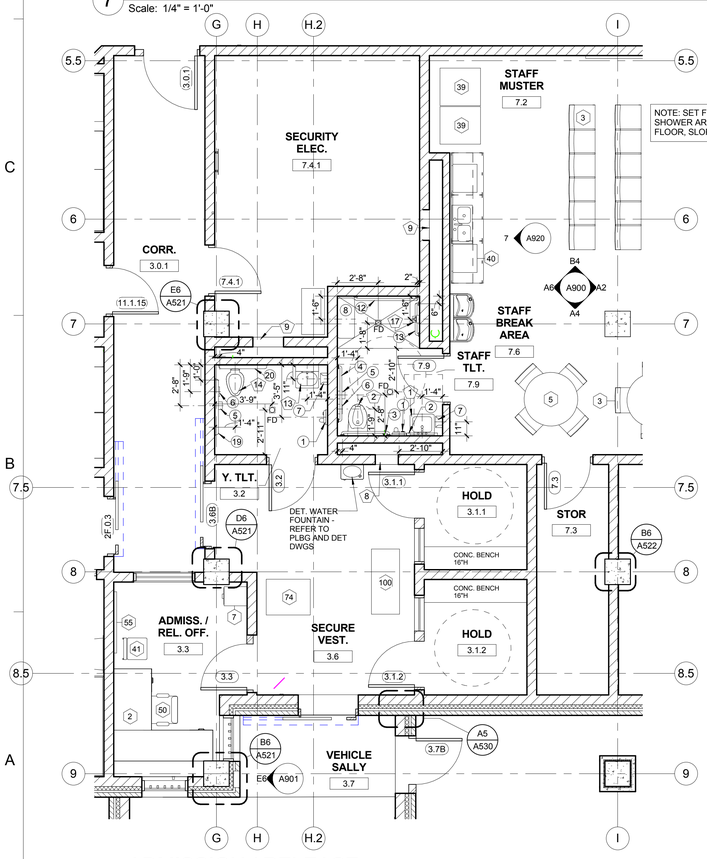
PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

A203

SHEET NO.

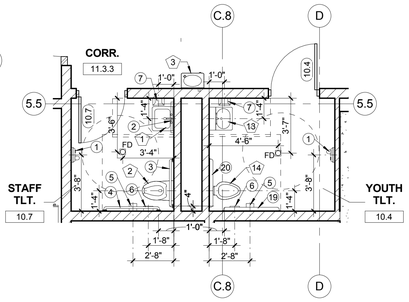


7 GYMNASIUM
Scale: 1/4" = 1'-0"

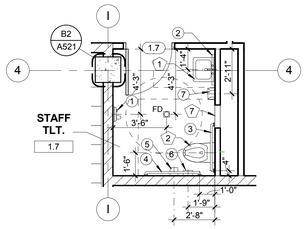


NOTE: SET FLOOR DRAINS (FD) IN SHOWER AREA 3/4" BELOW FINISH FLOOR, SLOPE FLOOR TO DRAIN

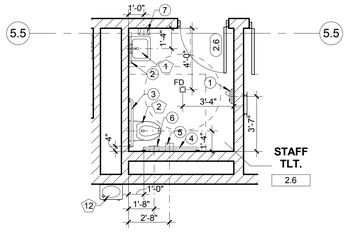
6 ADMISSION / RELEASE
Scale: 1/4" = 1'-0"



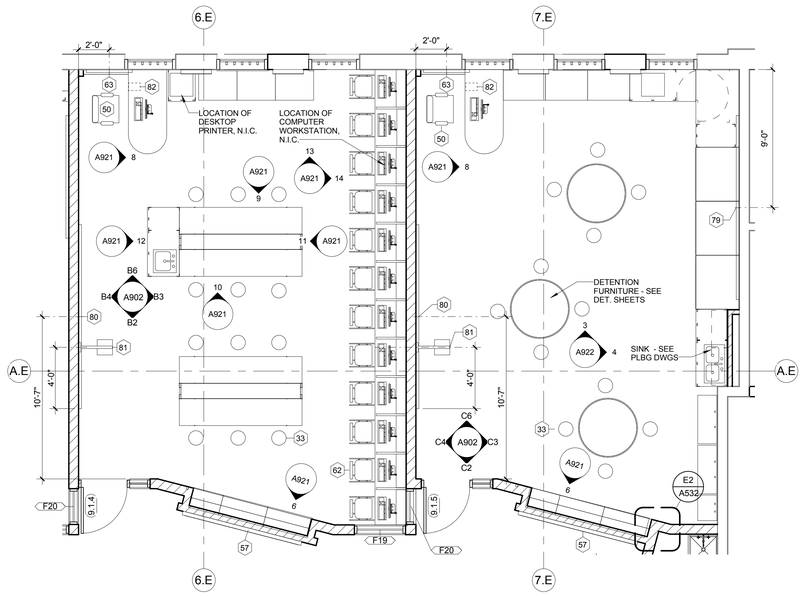
5 RECREATION TOILETS (ADA)
Scale: 1/4" = 1'-0"



3 ADMINISTRATIVE TOILET (ADA)
Scale: 1/4" = 1'-0"



4 HOUSING STAFF TOILET (ADA)
Scale: 1/4" = 1'-0"



1 CLASSROOM - SCIENCE AND ART ROOM
Scale: 1/4" = 1'-0"

GENERAL NOTES

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KEYED PLAN (#) NOTES

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4	MOP SINK BASIN - REFER TO PLBG DWGS
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6	DETENTION COMBINATION UNIT - REFER TO DET AND PLBG DWGS
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8	18"W x 18"H DETENTION ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION - REFER TO DET. DWG D 501
9	24"W X 24" H ACCESS PANEL, 8" MIN. A.F.F. - COORD. EXACT LOCATION
10	15"W x 15"H ACCESS PANEL - COORD. EXACT LOCATION
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12	DETENTION WATER FOUNTAIN - REFER TO PLBG DWGS
13	DETENTION LAV (ADA) - REFER TO PLBG DWGS
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15	SINK WITH FOOT PEDAL CONTROLS - REFER TO PLBG DWGS
16	NOT USED
17	DETENTION SHOWER FIXTURE (ADA) - REFER TO PLBG DWGS
18	WALL MTD 3-TIER OPEN SHELVING - REFER TO DETENTION DWGS
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TOILET ACCESSORIES SCHEDULE (#)

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3	1 1/2" O.D. STAINLESS STEEL GRAB BAR / 36" L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
4	1 1/2" O.D. STAINLESS STEEL GRAB BAR / 42"L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
5	SURFACE MOUNTED TOILET TISSUE DISPENSER	BOBRICK	B-2888	19" TO BOTTOM OF UNIT
6	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK	B-254	28" TO TOP OF UNIT
7	WALL MOUNTED SOAP DISPENSER	--	OWNER PROVIDED	42" TO BOTTOM OF UNIT
8	FOLD UP SHOWER SEAT	BOBRICK	B-517 (OR B-518)	18" TO TOP OF SEAT
9	1 1/2" O.D. STAINLESS STEEL SHOWER GRAB BAR/ 18"X32" L-SHAPED W/ UNDER SLUNG PLATE HAVING WEEPS IN CORNERS	--	REFER TO DET. SPECS	REFER TO DET. SPECS
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16	60" HEAVY DUTY SHOWER CURTAIN ROD WITH CONCEALED MOUNTING	BOBRICK	B-207	7'-0" A.F.F.
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20	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS/ 36" L	--	REFER TO DET. SPECS	REFER TO DET. SPECS
21	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS /48" L	--	REFER TO DET. SPECS	REFER TO DET. SPECS
22	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS/24"L	--	REFER TO DET. SPECS	REFER TO DET. SPECS

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PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

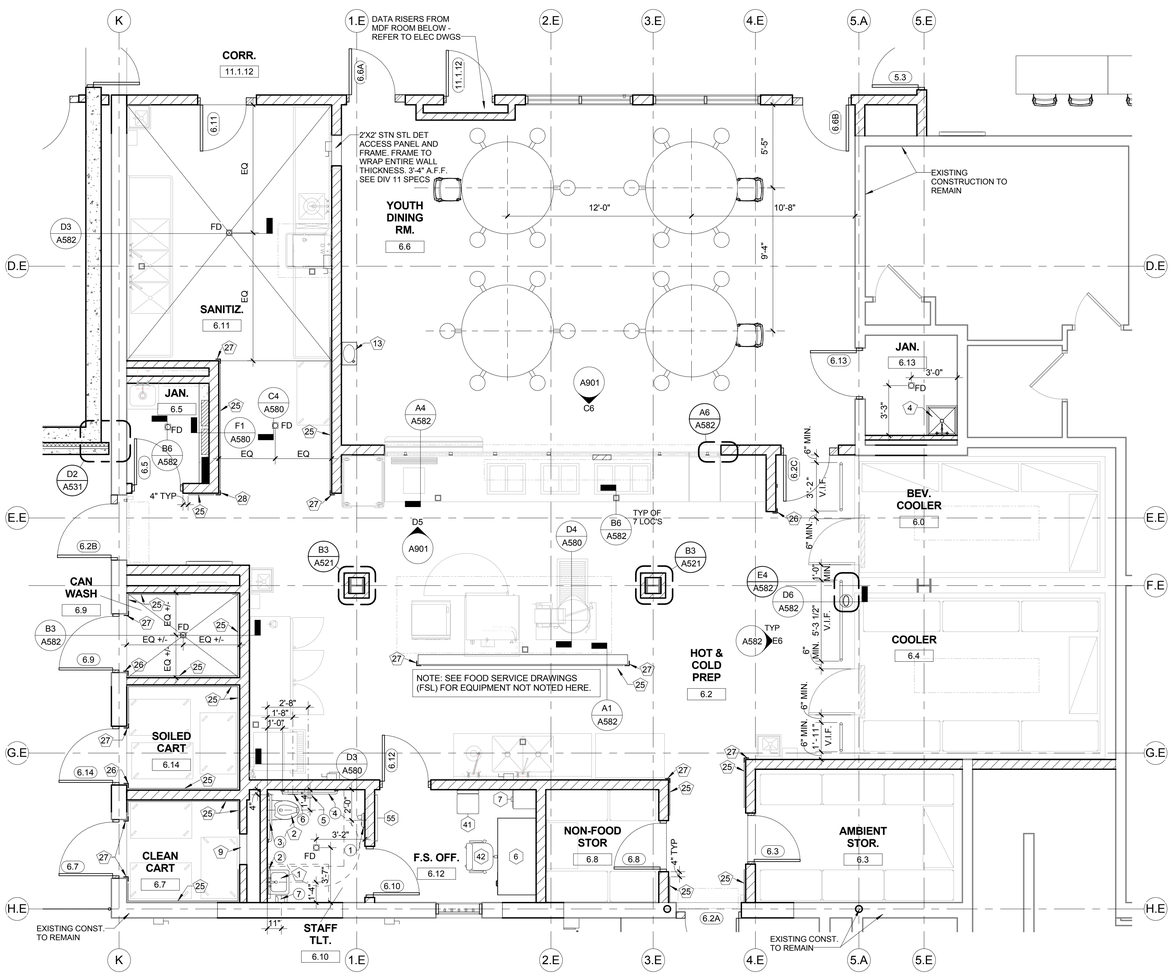
TITLE

LARGE SCALE FLOOR PLANS

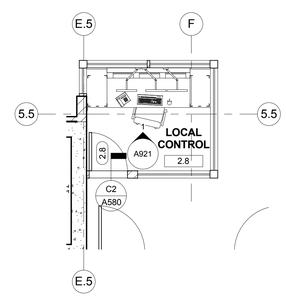
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A204

SHEET NO.



1 FOOD SERVICE
Scale: 1/4" = 1'-0"



2 LOCAL CONTROL
Scale: 1/4" = 1'-0"

GENERAL NOTES

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10	15"W x 15"H ACCESS PANEL - COORD. EXACT LOCATION
11	DETENTION SHOWER FIXTURE - REFER TO PLBG DWGS
12	DETENTION WATER FOUNTAIN - REFER TO PLBG DWGS
13	DETENTION LAV (ADA) - REFER TO PLBG DWGS
14	DETENTION WC (ADA) - REFER TO PLBG DWGS
15	SINK WITH FOOT PEDAL CONTROLS - REFER TO PLBG DWGS
16	NOT USED
17	DETENTION SHOWER FIXTURE (ADA) - REFER TO PLBG DWGS
18	WALL MTD 3-TIER OPEN SHELVING - REFER TO DETENTION DWGS
19	DETENTION DESK - REFER TO DETENTION DWGS
20	WALL MTD OPEN SHELF, LOCATED OVER DESK - REFER TO DETENTION DWGS
21	FLOOR MTD DETENTION STOOL, CENTER ON DESK - REFER TO DETENTION DWGS
22	FLOOR MTD DETENTION BED - REFER TO DETENTION DWGS
23	WALL MTD DETENTION MIRROR - REFER TO DETENTION DWGS
24	HDPE WALL GUARD - TYPE A - DTL A6/A581
25	HDPE WALL GUARD - TYPE B - DTL A6/A581
26	HDPE 3 1/2" CORNER GUARD - TYPE A - DTL A6/A581
27	HDPE 3 1/2" CORNER GUARD - TYPE B - DTL A6/A581
28	HDPE 3 1/2" CORNER GUARD - TYPE C - DTL A6/A581
29	PAINTED MTL STAIRS, STL BAR GRATE TREADS, PIPE GUARDRAIL AND HANDRAILS, TYP IN HOUSING UNITS
30	MOP RACK

TOILET ACCESSORIES SCHEDULE (#)

NO.	DESCRIPTION	MANUFACTURER	MODEL NO.	MOUNTING HEIGHT
1	SURFACE MOUNTED ELECTRIC HAND DRYER	XLERATOR	XL-SERIES	41" TO BOTTOM OF DRYER
2	WALL MIRROR - 24"W X 36"H, CENTER OVER SINK	BOBRICK	B-290 SERIES	40" TO BTM. OF REFLECTIVE SURFACE
3	1 1/2" O.D. STAINLESS STEEL GRAB BAR / 36" L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
4	1 1/2" O.D. STAINLESS STEEL GRAB BAR / 42"L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
5	SURFACE MOUNTED TOILET TISSUE DISPENSER	BOBRICK	B-2888	19" TO BOTTOM OF UNIT
6	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK	B-254	28" TO TOP OF UNIT
7	WALL MOUNTED SOAP DISPENSER	--	OWNER PROVIDED	42" TO BOTTOM OF UNIT
8	FOLD UP SHOWER SEAT	BOBRICK	B-517 (OR B-518)	18" TO TOP OF SEAT
9	1 1/2" O.D. STAINLESS STEEL SHOWER GRAB BAR/ 18"X32" L-SHAPED W/ UNDER SLUNG PLATE HAVING WEEPS IN CORNERS	--	REFER TO DET. SPECS	REFER TO DET. SPECS
10	STAINLESS STEEL VERTICAL SHOWER GRAB BAR	BOBRICK	B-6806 SERIES	34" TO TOP OF BAR
11	PHENOLIC RESIN TOILET PARTITION	GENERAL PARTITIONS	COLOR-THRU PHENOLIC - 30 SERIES	FLOOR MOUNTED
12	1 1/2" O.D. STAINLESS STEEL GRAB BAR /48" L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
13	1 1/2" O.D. STAINLESS STEEL GRAB BAR /24"L	BOBRICK	B-6806 SERIES	36" TO TOP OF BAR
14	RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE	BOBRICK	B-3944	60" TO TOP OF UNIT
15	SURFACE MOUNTED PAPER TOWEL DISPENSER	BOBRICK	B-262	54" TO TOP OF UNIT
16	60" HEAVY DUTY SHOWER CURTAIN ROD WITH CONCEALED MOUNTING	BOBRICK	B-207	7'-0" A.F.F.
17	36" HEAVY DUTY SHOWER CURTAIN ROD WITH CONCEALED MOUNTING	BOBRICK	B-207	7'-0" A.F.F.
18	WALL MOUNTED FOLD-DOWN BABY CHANGING TABLE	BOBRICK	KB200	41" TO BOTTOM OF DRYER
19	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS/ 42"L	--	REFER TO DET. SPECS	REFER TO DET. SPECS
20	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS/ 36" L	--	REFER TO DET. SPECS	REFER TO DET. SPECS
21	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS /48" L	--	REFER TO DET. SPECS	REFER TO DET. SPECS
22	1 1/2" O.D. STAINLESS STEEL GRAB BAR WITH UNDERSLUNG PLATE HAVING WEEPS IN CORNERS/24"L	--	REFER TO DET. SPECS	REFER TO DET. SPECS

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SEAL

ARCHITECT 13814 JAMES L. BEGIN STATE OF MARYLAND

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

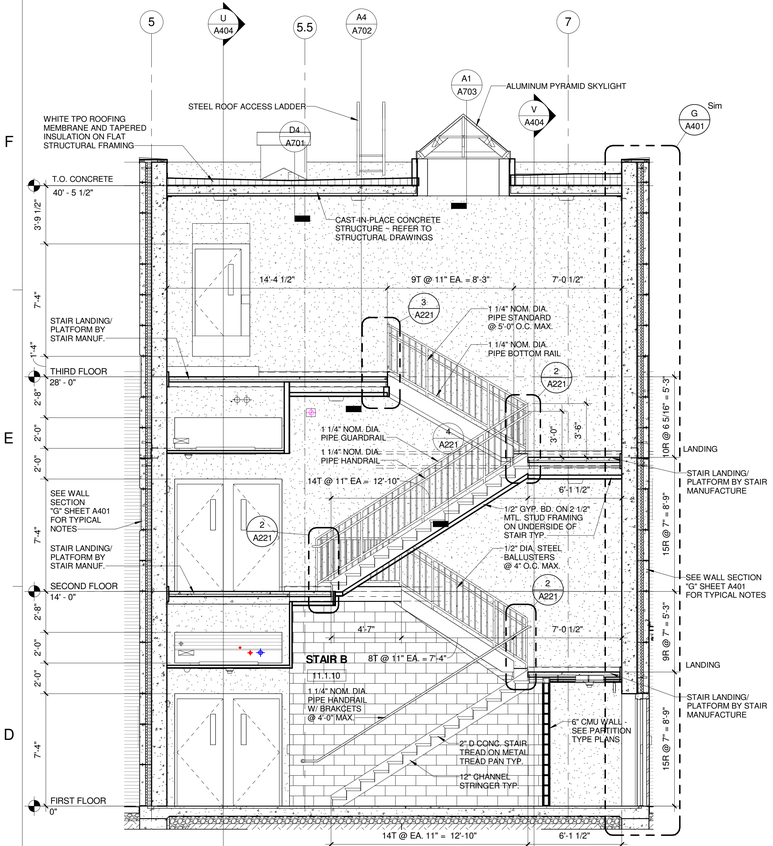
TITLE

LARGE SCALE FLOOR PLANS

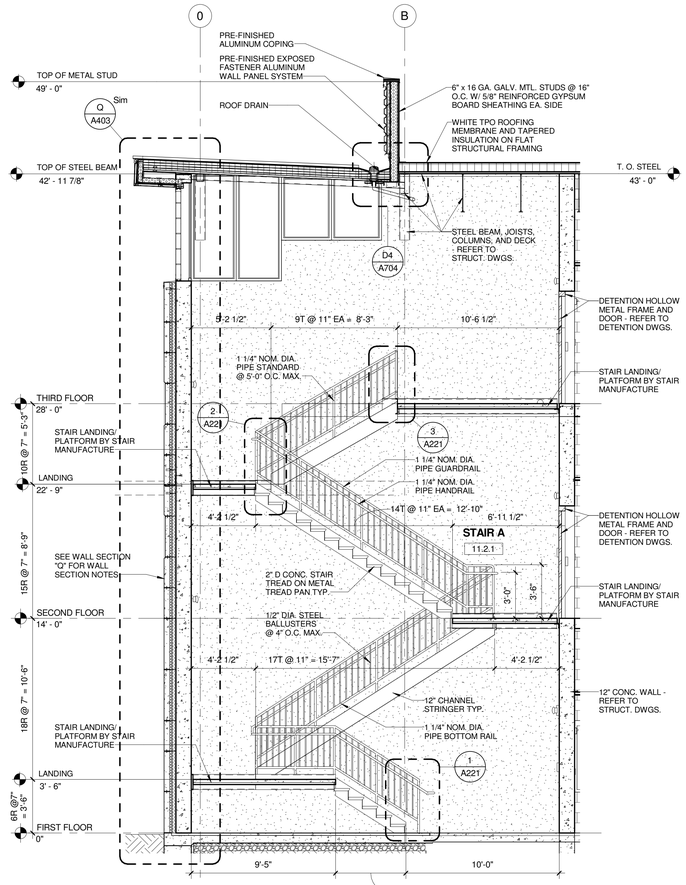
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A205

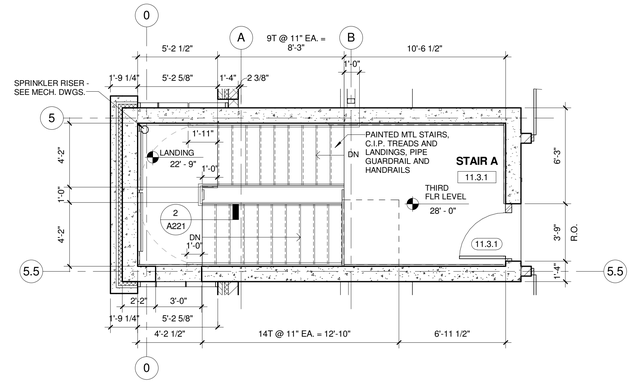
SHEET NO.



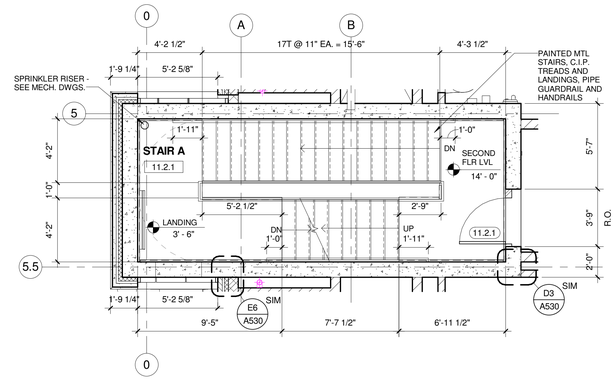
8 SECTION - STAIR B
Scale: 1/4" = 1'-0" 4/A220



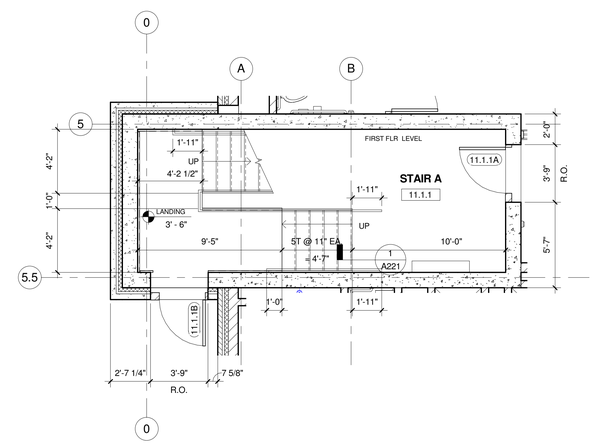
7 SECTION - STAIR A
Scale: 1/4" = 1'-0" 4/A322



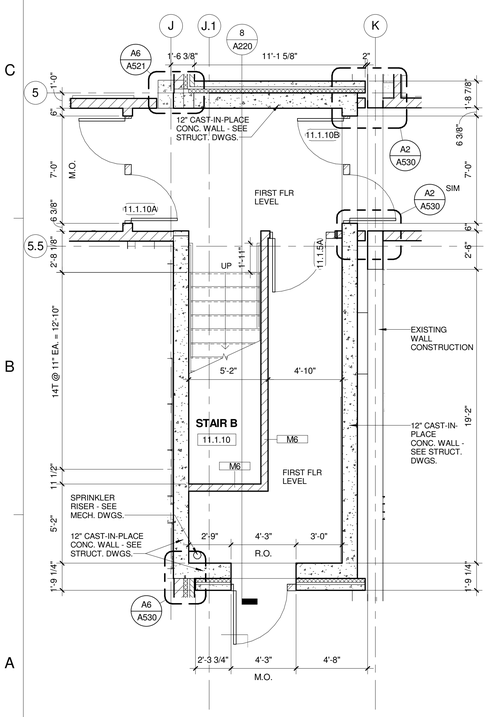
3 THIRD FLOOR - STAIR A ENLARGED PLAN
Scale: 1/4" = 1'-0" 1/AP130A



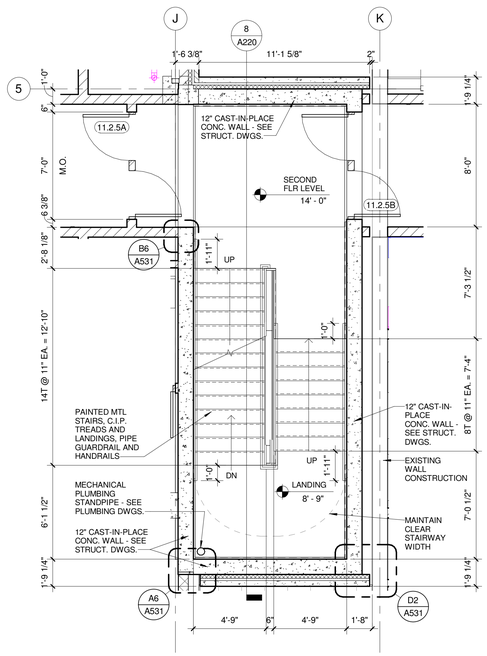
2 SECOND FLOOR - STAIR A ENLARGED PLAN
Scale: 1/4" = 1'-0" 1/AP120A



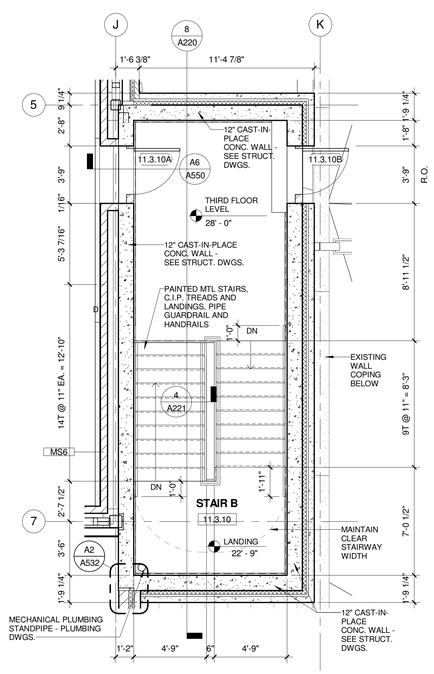
1 FIRST FLOOR - STAIR A ENLARGED PLAN
Scale: 1/4" = 1'-0" 1/AP110A



6 FIRST FLOOR - STAIR B ENLARGED PLAN
Scale: 1/4" = 1'-0" 1/AP110A



5 SECOND FLOOR - STAIR B ENLARGED PLAN
Scale: 1/4" = 1'-0" 1/AP120A



4 THIRD FLOOR - STAIR B ENLARGED PLAN
Scale: 1/4" = 1'-0" 1/AP130A

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KEY PLAN

SCALE
1/4" = 1'-0"

No.	Description	Date

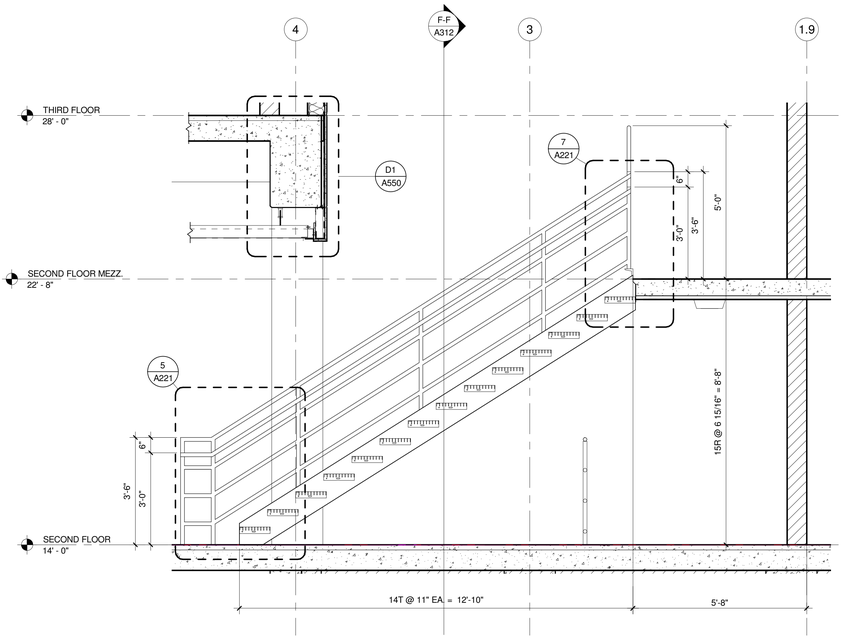
REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

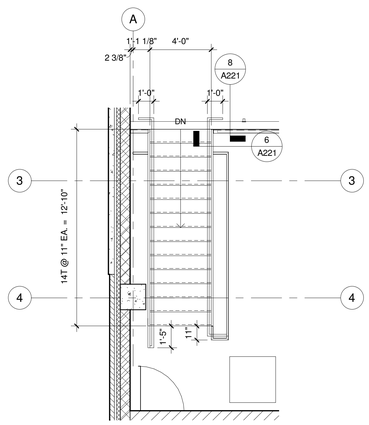
TITLE
LARGE SCALE PLANS AND SECTIONS - STAIRS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

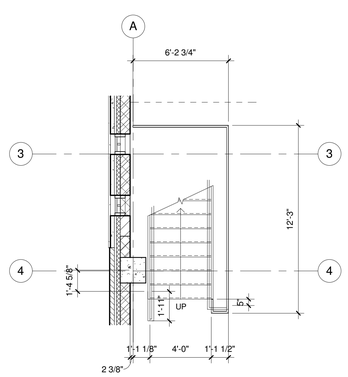
A220
SHEET NO.



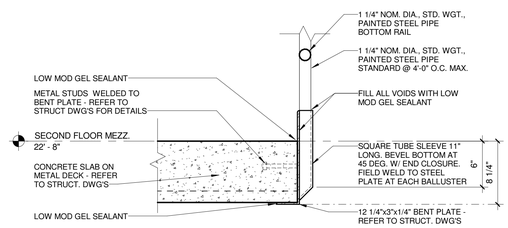
14 TYPICAL DAYROOM STAIR SECTION
Scale: 1/2" = 1'-0"



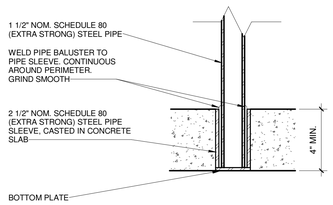
13 MEZZ. FLOOR TYPICAL DAYROOM STAIR ENLARGED PLAN
Scale: 1/4" = 1'-0" 1/AP130A



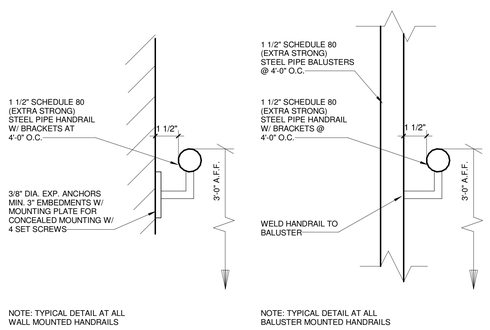
12 SECOND FLOOR TYPICAL DAYROOM STAIR ENLARGED PLAN
Scale: 1/4" = 1'-0" 1/AP120A



11 GUARDRAIL BASE @ MEZZ.
Scale: 1 1/2" = 1'-0"



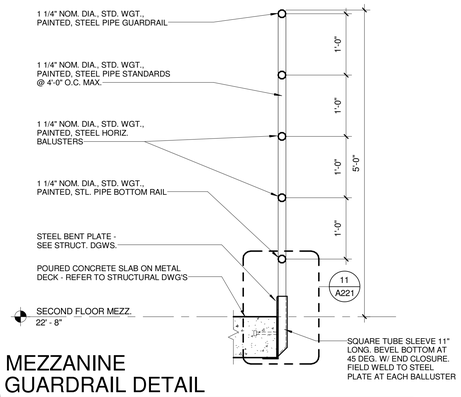
10 TYP. BALUSTER DETAIL
Scale: 3" = 1'-0"



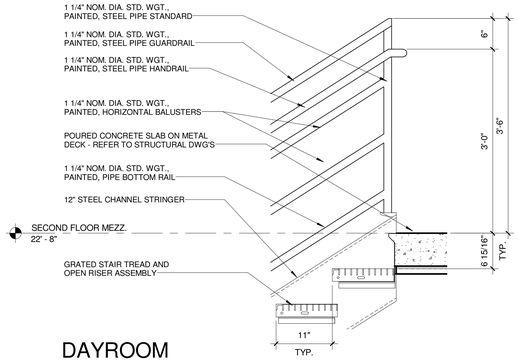
NOTE: TYPICAL DETAIL AT ALL WALL MOUNTED HANDRAILS

NOTE: TYPICAL DETAIL AT ALL BALUSTER MOUNTED HANDRAILS

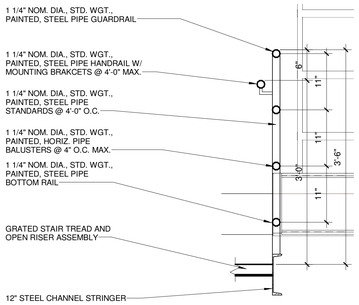
9 TYP. HANDRAIL DETAIL
Scale: 3" = 1'-0"



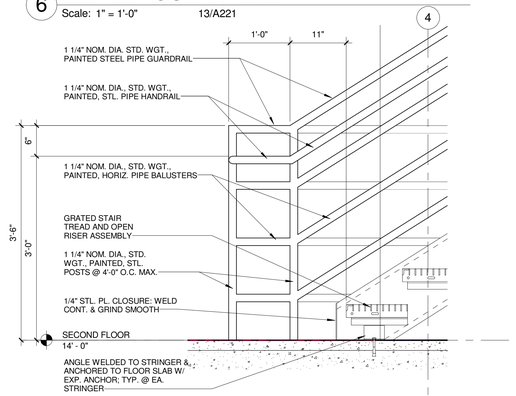
8 MEZZANINE GUARDRAIL DETAIL
Scale: 1" = 1'-0" 3/A201



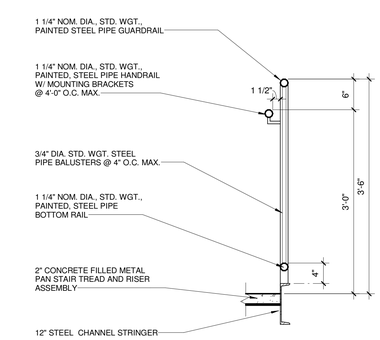
7 DAYROOM DETAIL - STAIR TOP
Scale: 1" = 1'-0" 14/A221



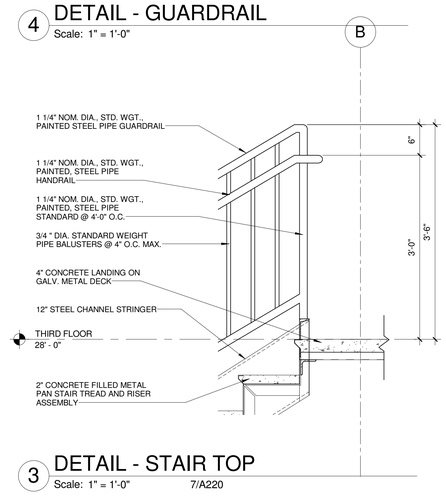
6 DAYROOM DETAIL - GUARDRAIL
Scale: 1" = 1'-0" 13/A221



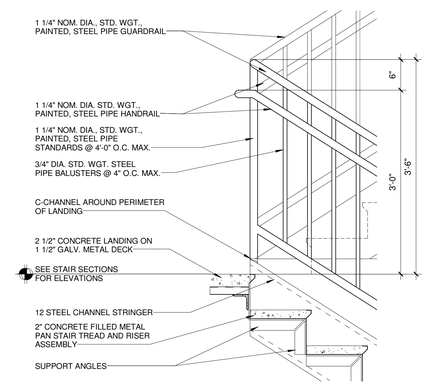
5 DAYROOM DETAIL - STAIR BOTTOM
Scale: 1" = 1'-0" 14/A221



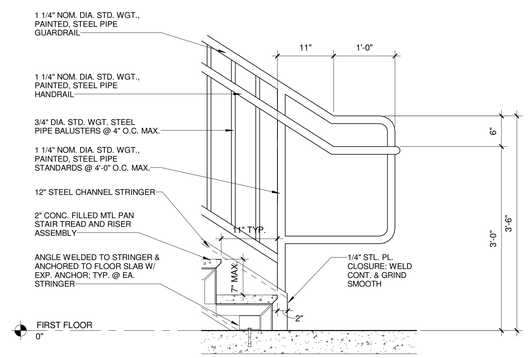
4 DETAIL - GUARDRAIL
Scale: 1" = 1'-0"



3 DETAIL - STAIR TOP
Scale: 1" = 1'-0" 7/A220



2 DETAIL - STIAR LANDING
Scale: 1" = 1'-0" 3/A220



1 DETAIL - STAIR BOTTOM
Scale: 1" = 1'-0" 1/A220

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

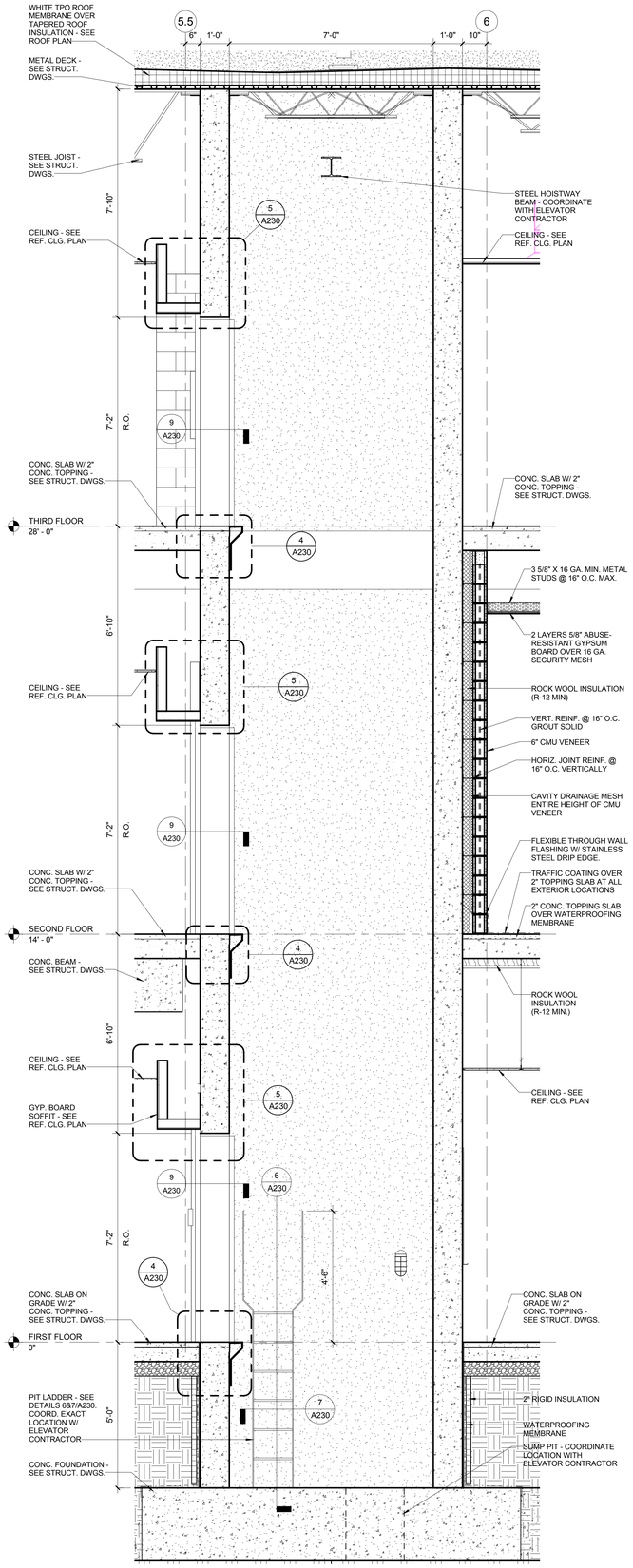
TITLE

LARGE SCALE PLANS AND SECTIONS - STAIRS

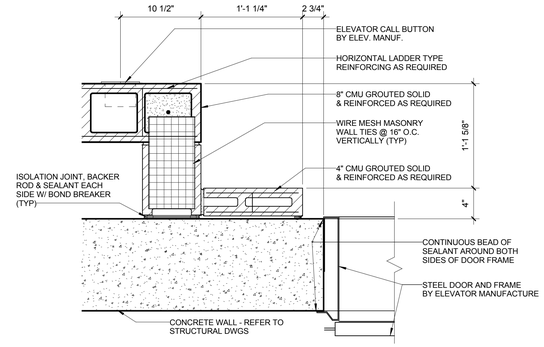
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A221

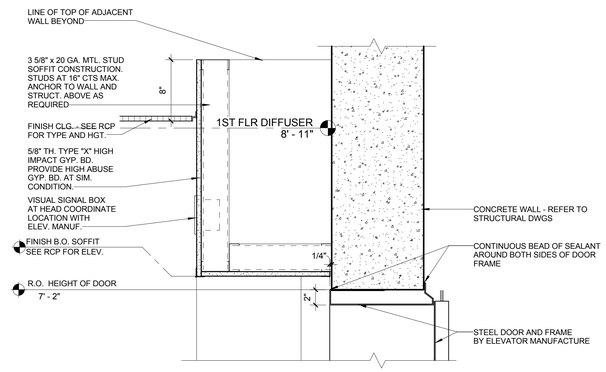
SHEET NO.



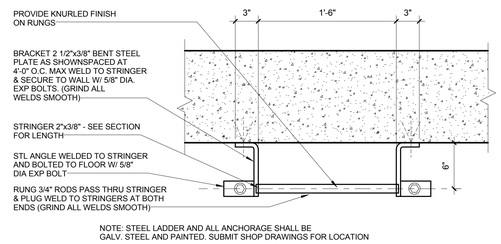
8 SECTION - ELEVATOR
Scale: 1/2" = 1'-0"



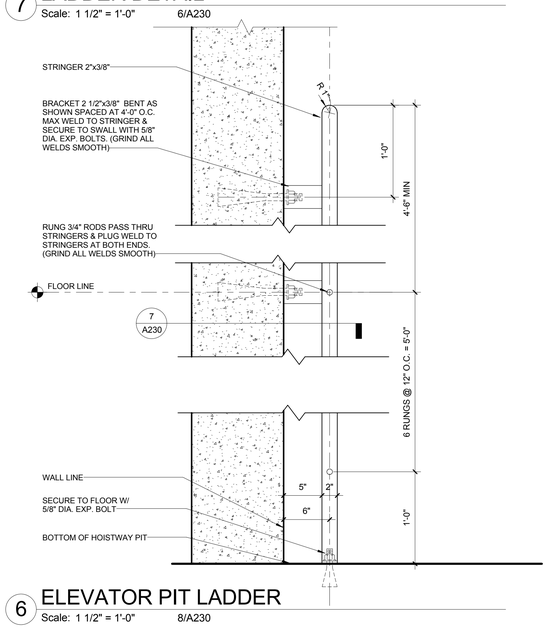
9 ELEVATOR - JAMB DETAIL
Scale: 1 1/2" = 1'-0"



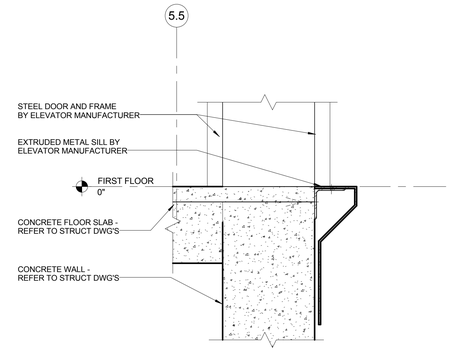
5 ELEVATOR DOOR - HEAD
Scale: 1 1/2" = 1'-0" 8/A230



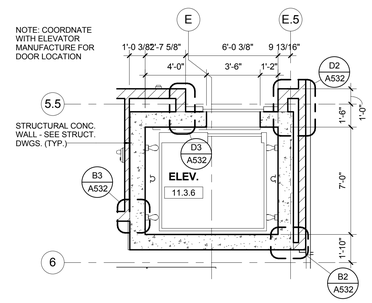
7 LADDER DETAIL
Scale: 1 1/2" = 1'-0" 6/A230



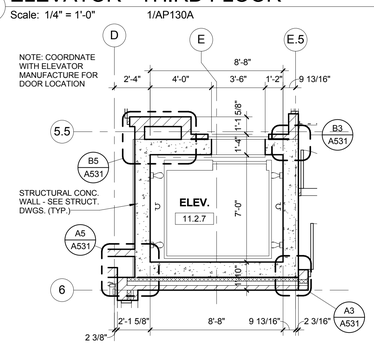
6 ELEVATOR PIT LADDER
Scale: 1 1/2" = 1'-0" 8/A230



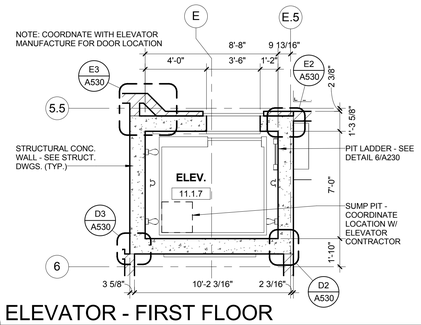
4 ELEVATOR - DOOR SILL
Scale: 1 1/2" = 1'-0" 8/A230



N 3 ELEVATOR - THIRD FLOOR
Scale: 1/4" = 1'-0" 1/AP130A



N 2 ELEVATOR - SECOND FLOOR
Scale: 1/4" = 1'-0" 1/AP120A



N 1 ELEVATOR - FIRST FLOOR
Scale: 1/4" = 1'-0" 1/A200

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EMPLOYEE PLAZA BE, SUITE 1000
11350 McCORMICK ROAD
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STATE OF MARYLAND - DPSCS

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BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEGGS STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

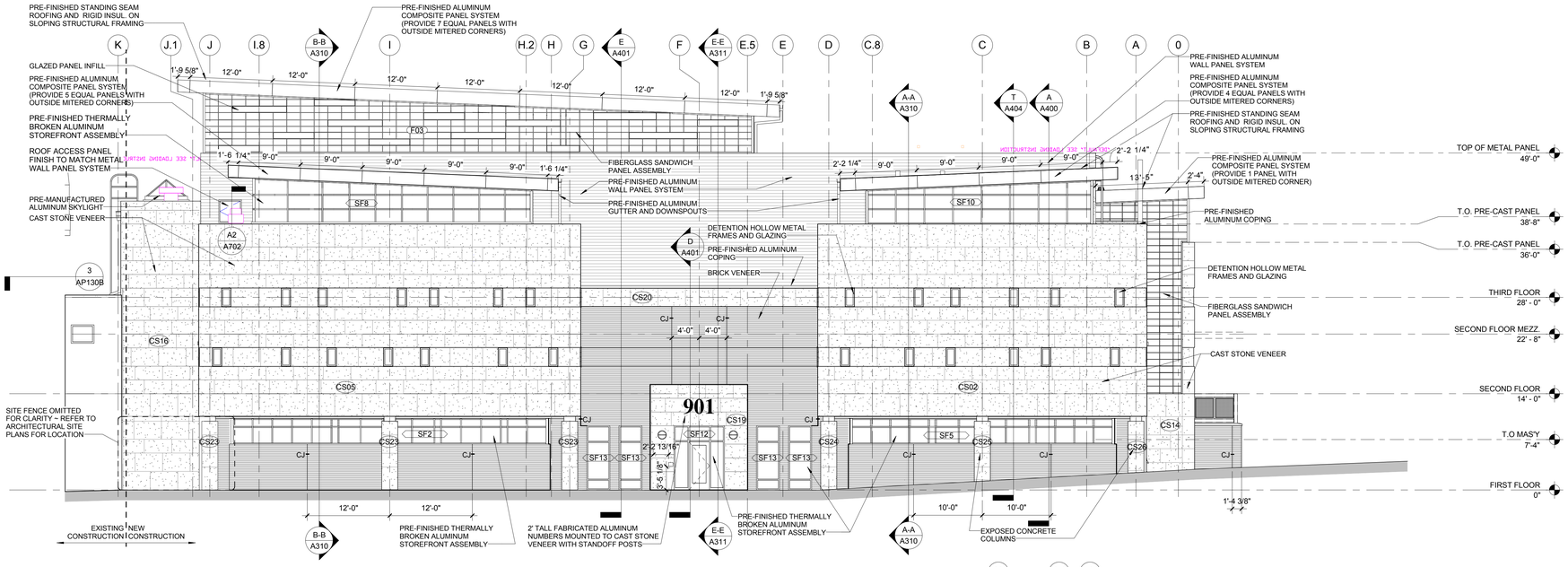
TITLE

ELEVATOR PLANS, SECTIONS, AND DETAILS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

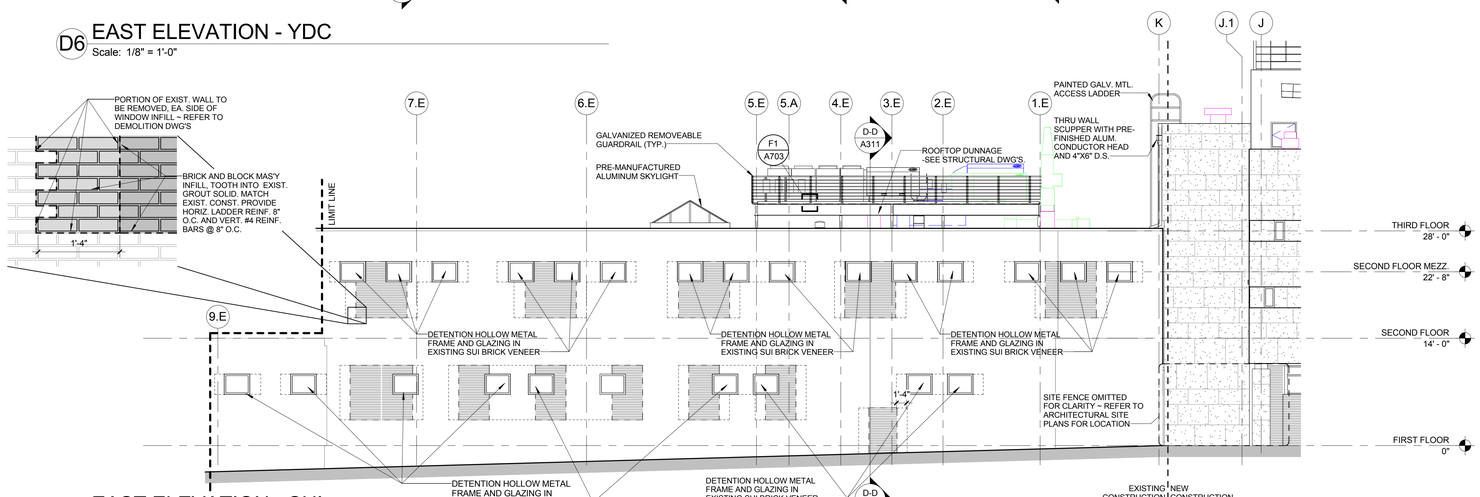
A230

SHEET NO.



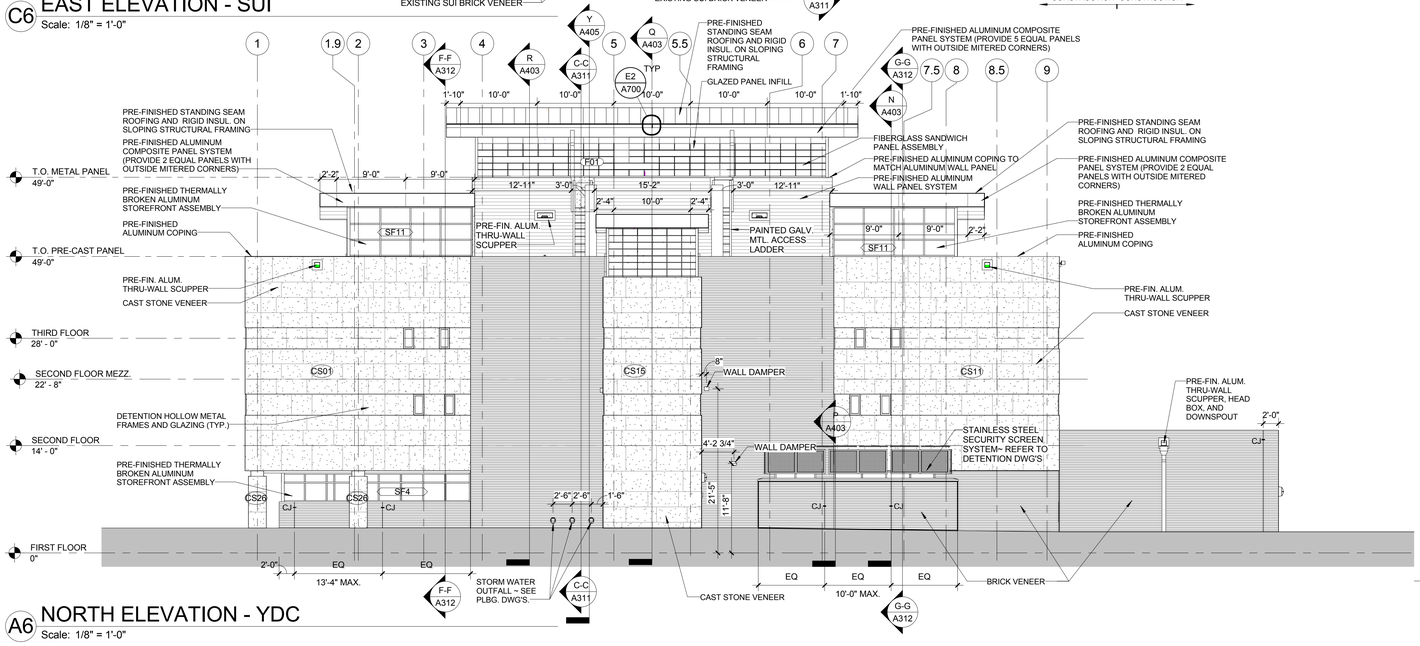
D6 EAST ELEVATION - YDC

Scale: 1/8" = 1'-0"



C6 EAST ELEVATION - SUI

Scale: 1/8" = 1'-0"



A6 NORTH ELEVATION - YDC

Scale: 1/8" = 1'-0"

GENERAL NOTES - BUILDING ELEVATIONS

1. SEE SHEET SERIES A320 FOR ARCHITECTURAL CAST STONE (CS##) ELEVATIONS
2. SEE SHEET A620 FOR ALUMINUM FRAME (SF##) ELEVATIONS
3. SEE SHEET F3/A532 FOR CJ (CONTROL JOINT) DETAIL
4. SEE SHEET A620 FOR FIBERGLASS SANDWICH PANEL ASSEMBLY (F##) ELEVATIONS

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
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SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	KAF,DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

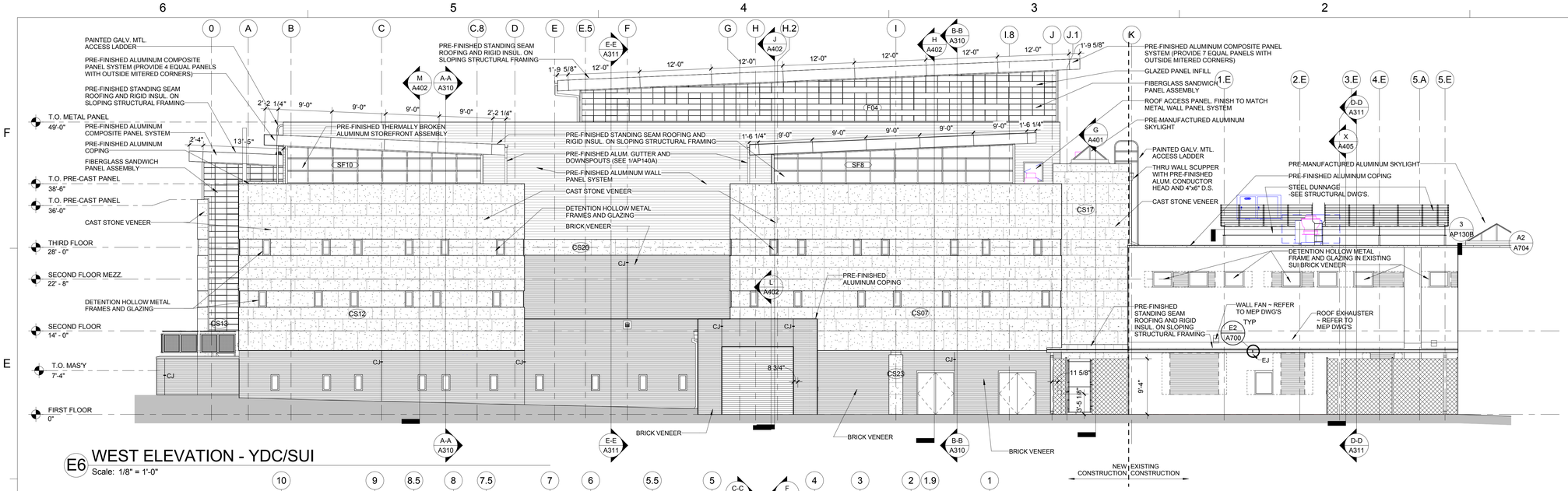
TITLE

EXTERIOR ELEVATIONS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

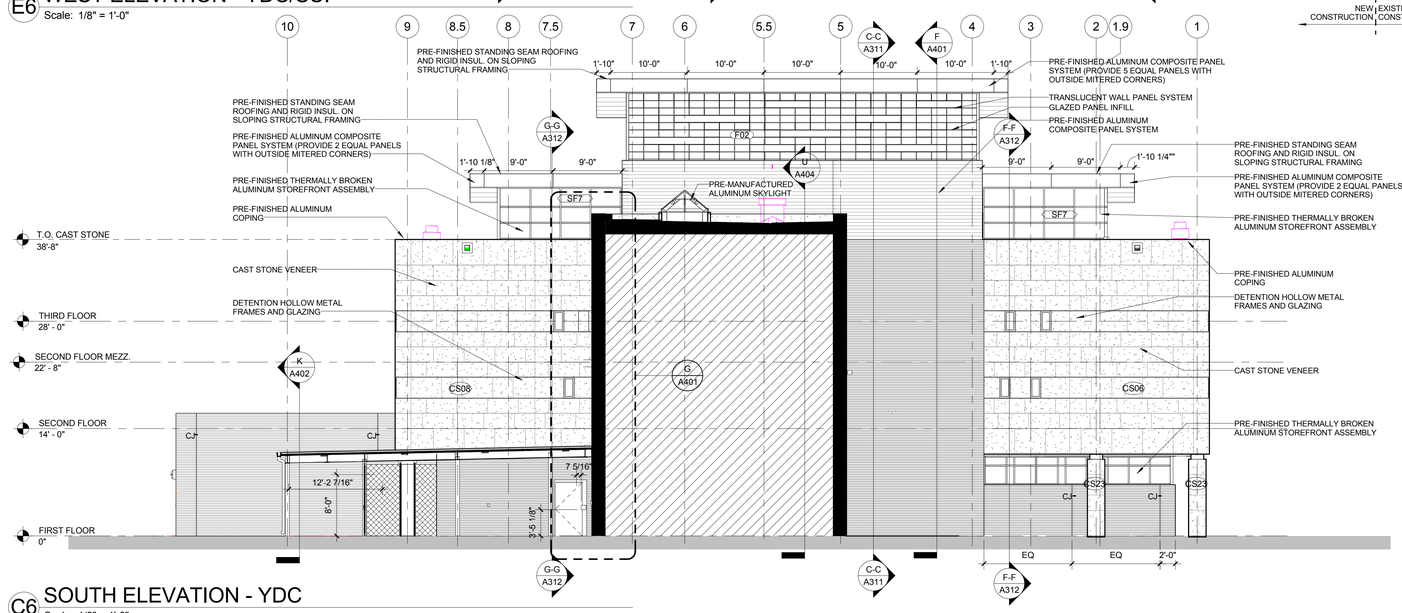
A300

SHEET NO.



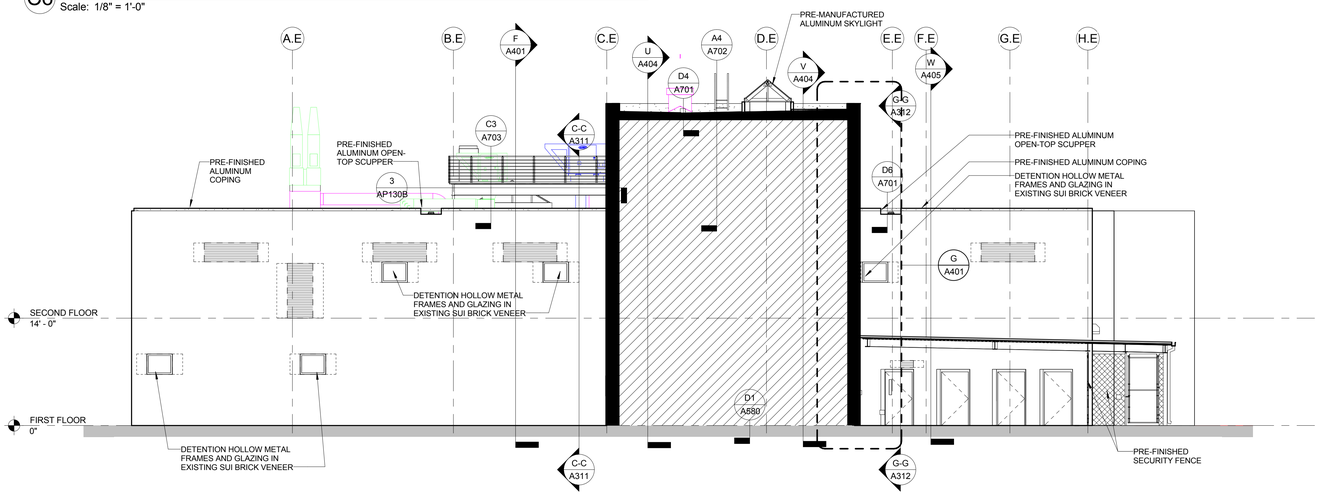
E6 WEST ELEVATION - YDC/SUI

Scale: 1/8" = 1'-0"



C6 SOUTH ELEVATION - YDC

Scale: 1/8" = 1'-0"



A6 NORTH ELEVATION - SUI

Scale: 1/8" = 1'-0"

GENERAL NOTES - BUILDING ELEVATIONS

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3. SEE SHEET F3/A532 FOR CJ (CONTROL JOINT) DETAIL
4. SEE SHEET A620 FOR FIBERGLASS SANDWICH PANEL ASSEMBLY (F##) ELEVATIONS

A JOINT-VENTURE BETWEEN
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EBA ENGINEERING

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	KAF, DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

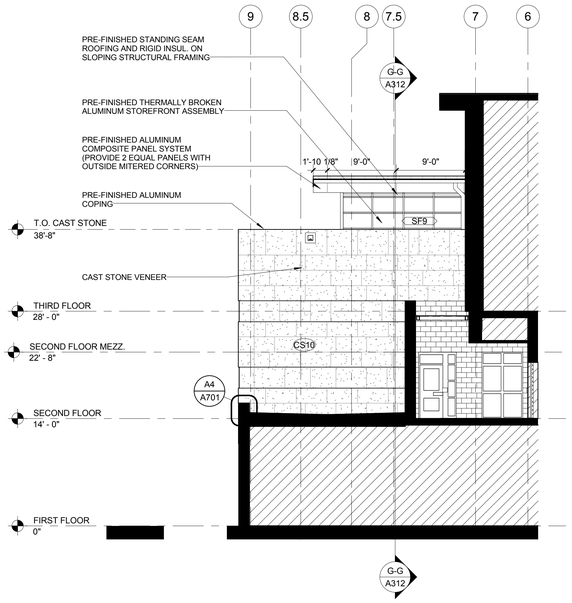
TITLE

EXTERIOR ELEVATIONS

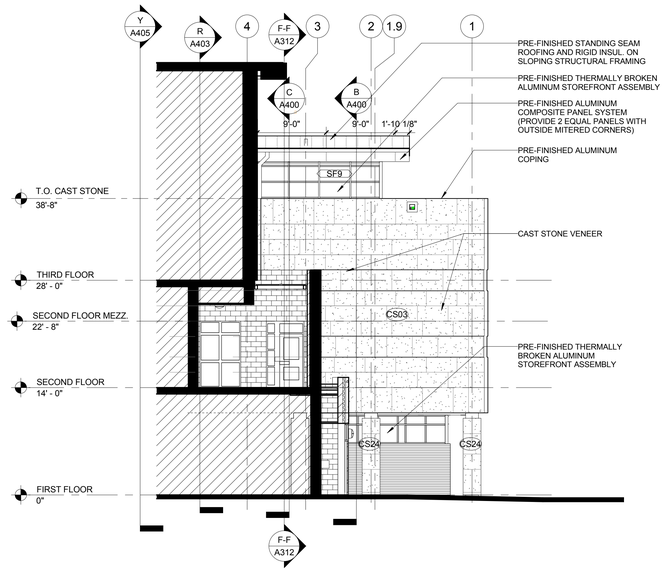
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A301

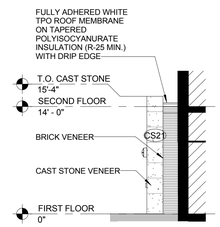
SHEET NO.



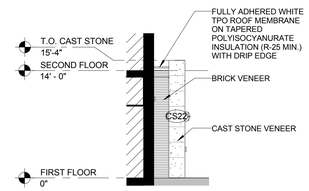
D6 1/AP110A
Scale: 1/8" = 1'-0"



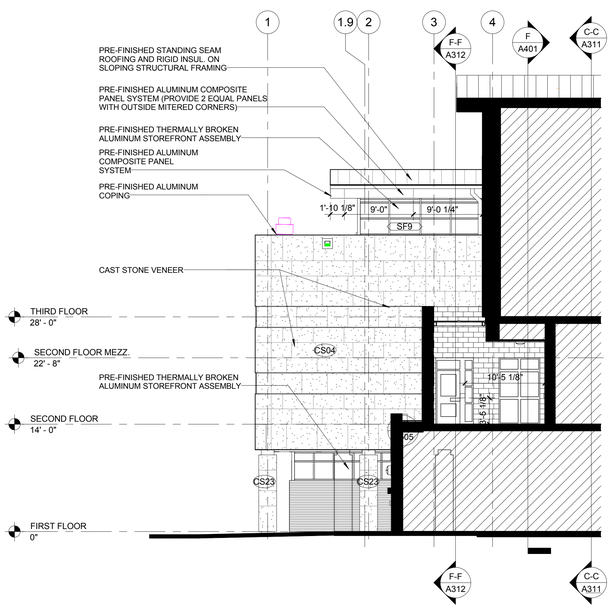
D4 1/AP110A
Scale: 1/8" = 1'-0"



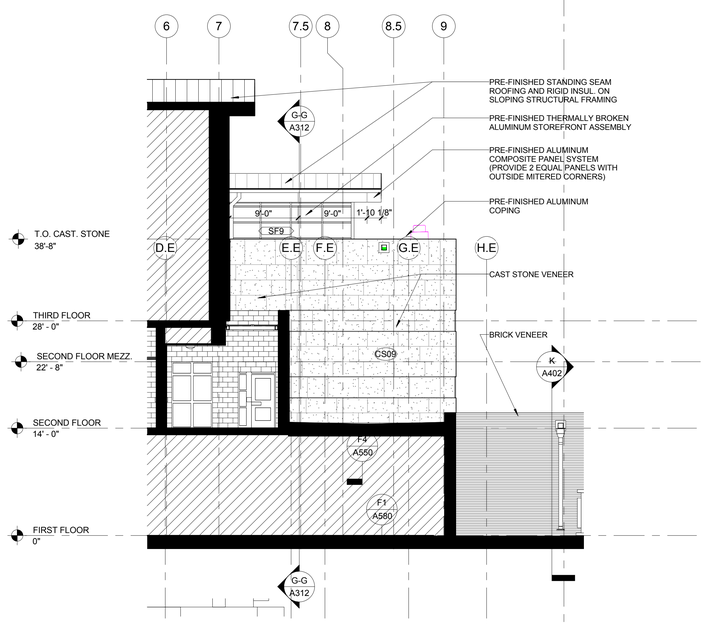
D2 3/A200
Scale: 1/8" = 1'-0"



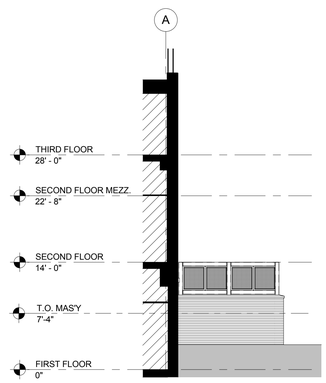
D1 3/A200
Scale: 1/8" = 1'-0"



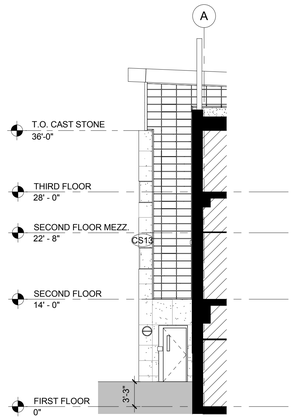
B6 1/AP110A
Scale: 1/8" = 1'-0"



B4 1/AP110A
Scale: 1/8" = 1'-0"



B2 1/A200
Scale: 1/8" = 1'-0" 1/A200



B1 1/A200
Scale: 1/8" = 1'-0"

GENERAL NOTES - BUILDING ELEVATIONS

1. SEE SHEET SERIES A320 FOR ARCHITECTURAL CAST STONE CS## ELEVATIONS
2. SEE SHEET A620 FOR ALUMINUM FRAME SF## ELEVATIONS
3. SEE SHEET F3/A532 FOR CJ (CONTROL JOINT) DETAIL
4. SEE SHEET A620 FOR FIBERGLASS SANDWICH PANEL ASSEMBLY F## ELEVATIONS

A JOINT-VENTURE BETWEEN
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SIDHU ASSOCIATES, INC. Consulting Engineers
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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	KAF, DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

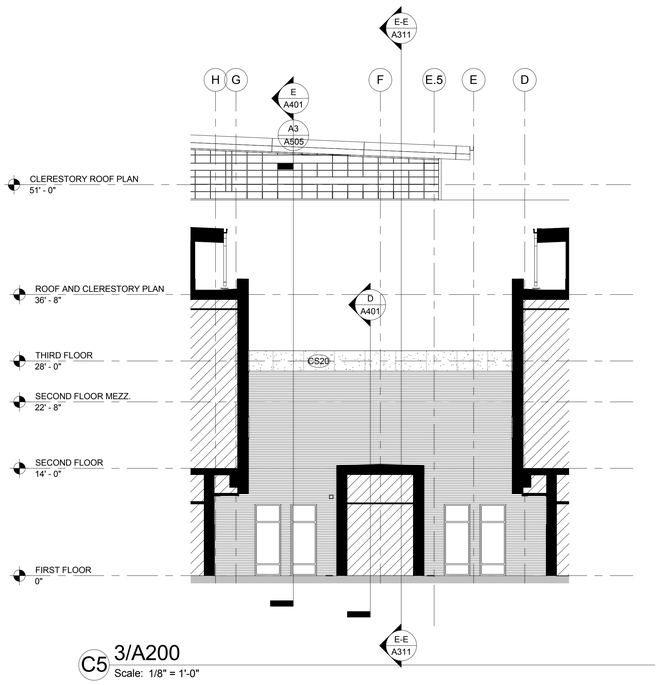
TITLE

EXTERIOR ELEVATIONS

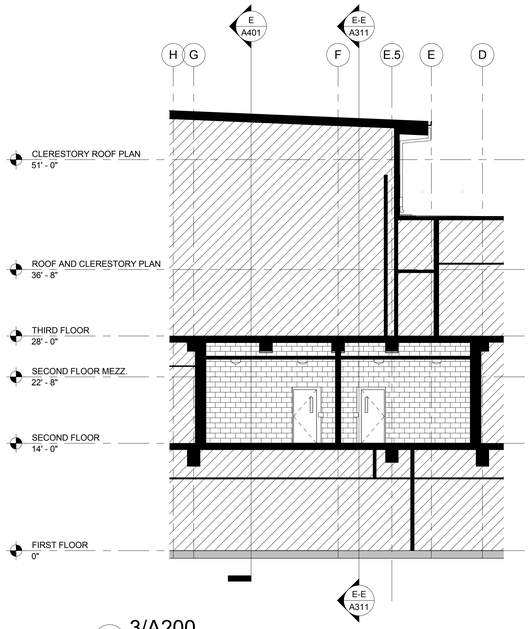
PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

A302

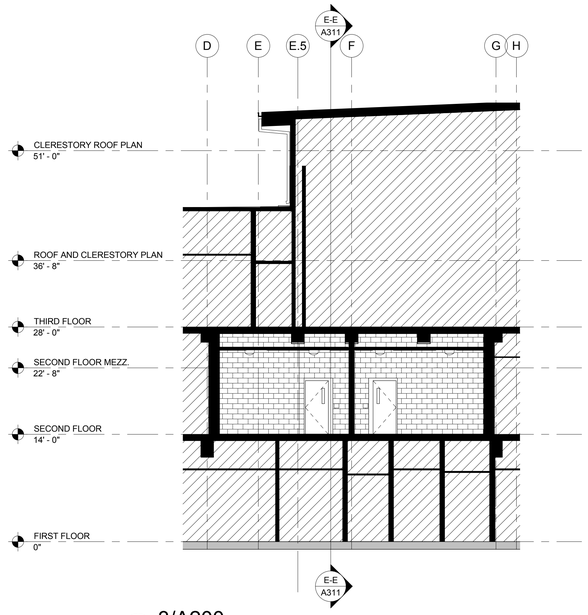
SHEET NO.



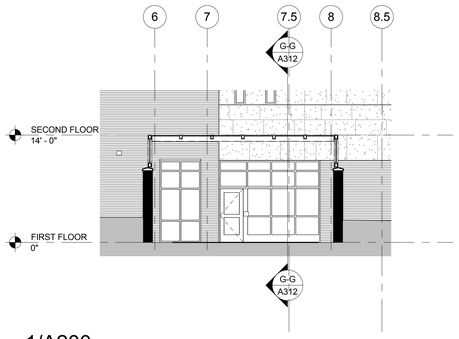
C5 3/A200
Scale: 1/8" = 1'-0"



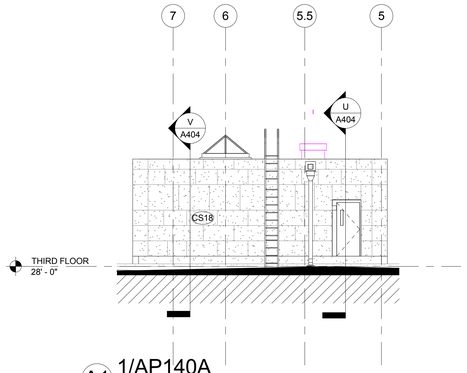
C3 3/A200
Scale: 1/8" = 1'-0"



C1 3/A200
Scale: 1/8" = 1'-0"



A3 1/A200
Scale: 1/8" = 1'-0"



A1 1/AP140A
Scale: 1/8" = 1'-0"

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EBA ENGINEERING

HOPE FURRER Associates, Inc.

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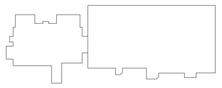
KEY PLAN



SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

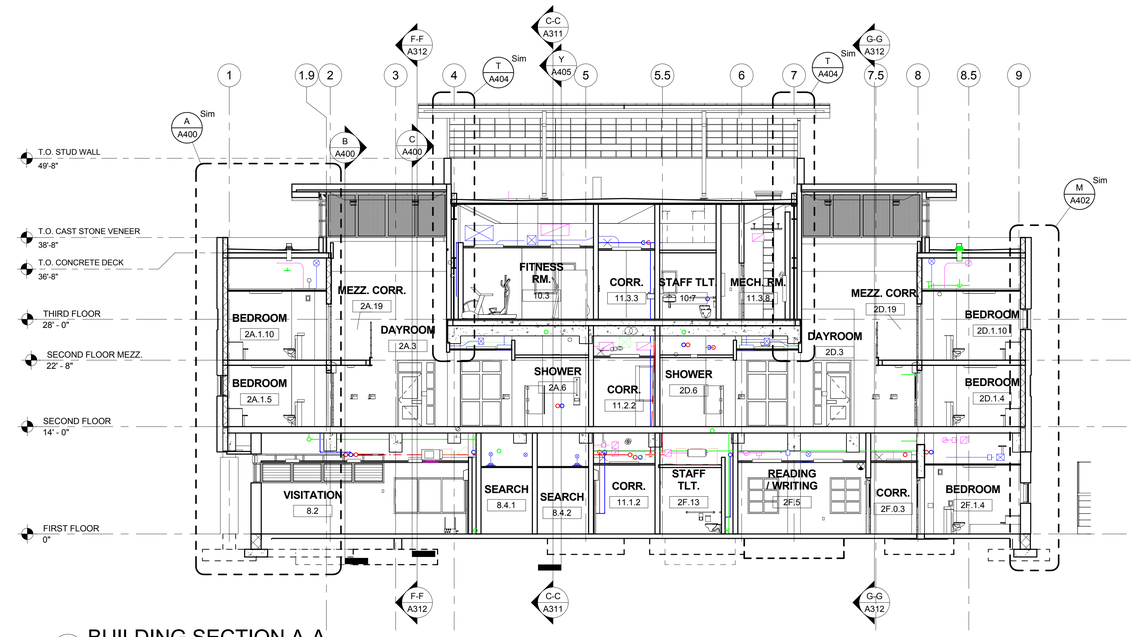
TITLE

EXTERIOR ELEVATIONS

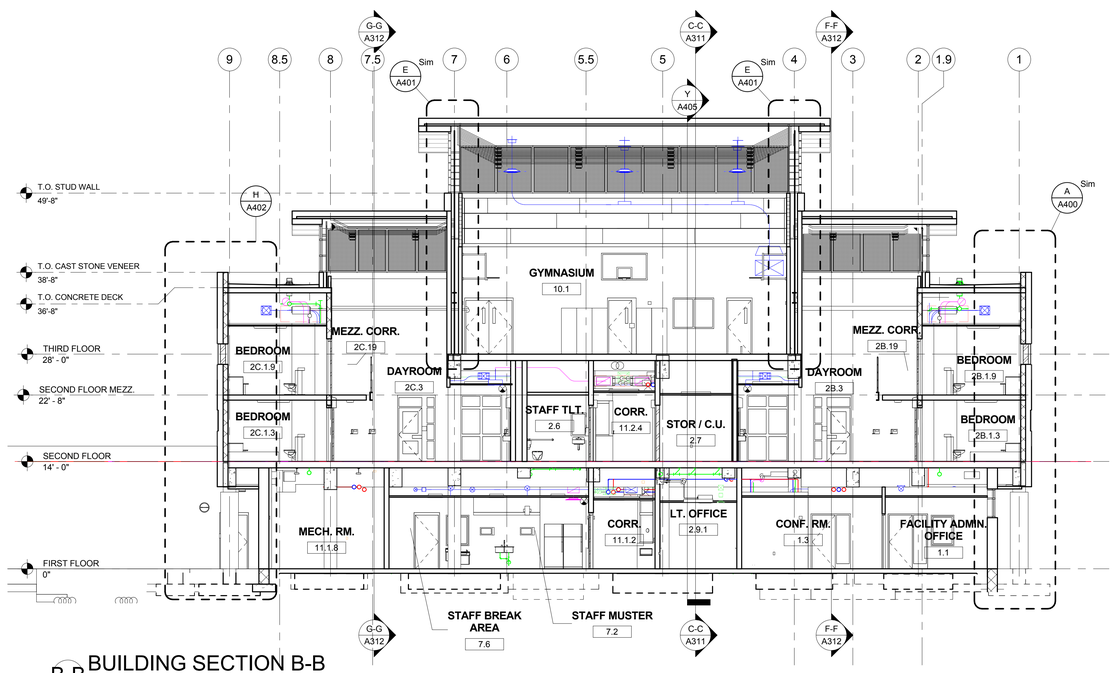
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A303

SHEET NO.



A-A BUILDING SECTION A-A
Scale: 1/8" = 1'-0"



B-B BUILDING SECTION B-B
Scale: 1/8" = 1'-0"

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PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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KEY PLAN

SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	MDR
APPROVED BY	CRD
CHECKED BY	KAF
DATE	2-5-2015

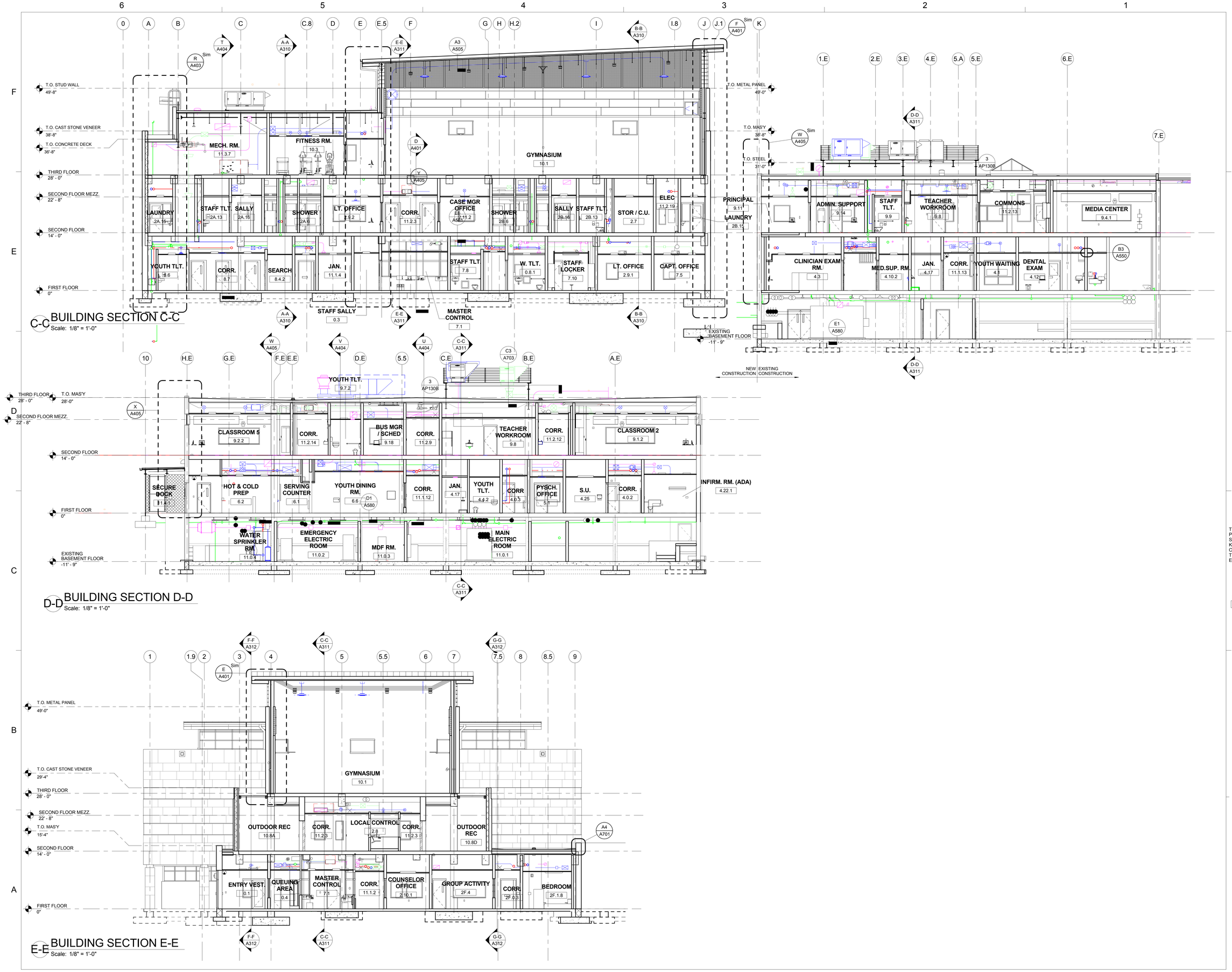
TITLE

BUILDING SECTIONS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A310

SHEET NO.



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EBA ENGINEERING

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SIDHU ASSOCIATES, INC.
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KEY PLAN

SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	MDR
APPROVED BY	CRD
CHECKED BY	KAF
DATE	2-5-2015

TITLE

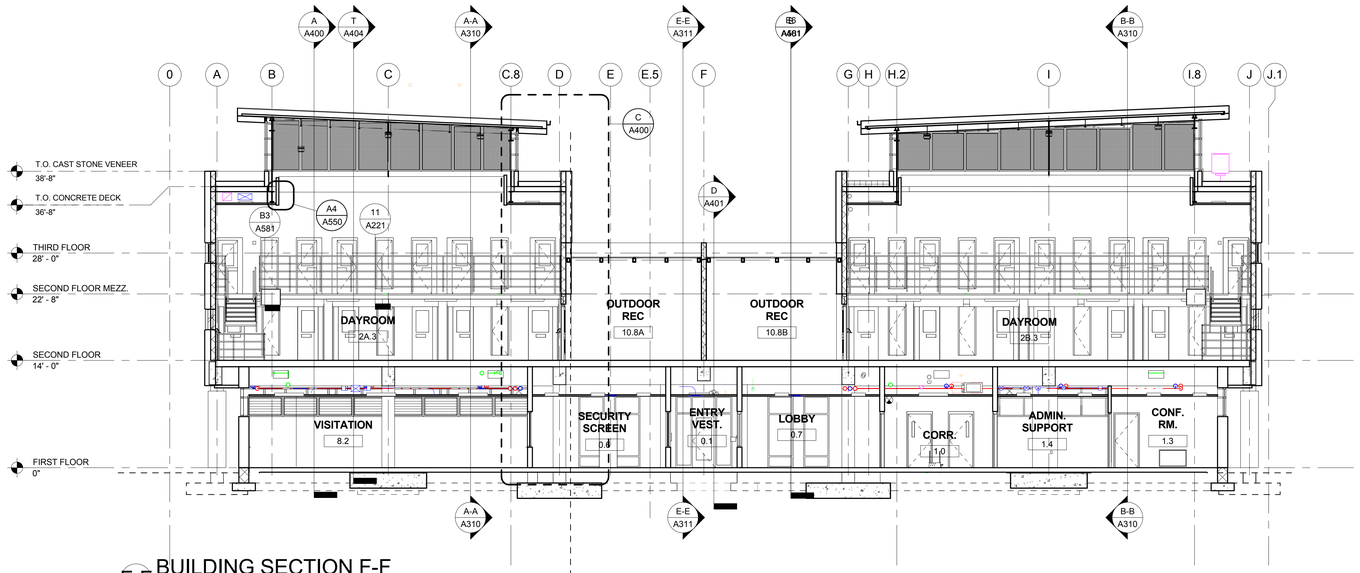
BUILDING SECTIONS

PSA-DEWBERRY PROJECT NO. 50061725

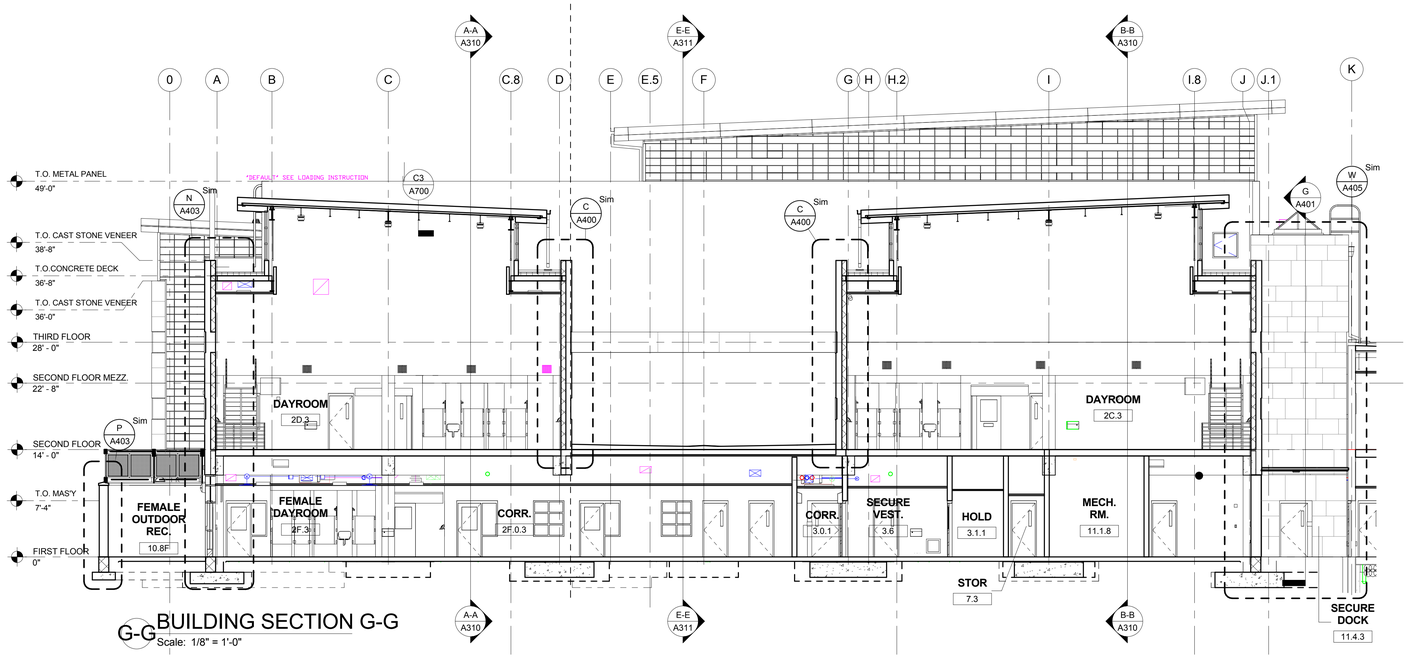
DPSCS CONTRACT NO. KT-000-150-C01

A311

SHEET NO.



F-F BUILDING SECTION F-F
Scale: 1/8" = 1'-0"



G-G BUILDING SECTION G-G
Scale: 1/8" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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KEY PLAN

SCALE

1/8" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	MDR
APPROVED BY	CRD
CHECKED BY	KAF
DATE	2-5-2015

TITLE

BUILDING SECTIONS

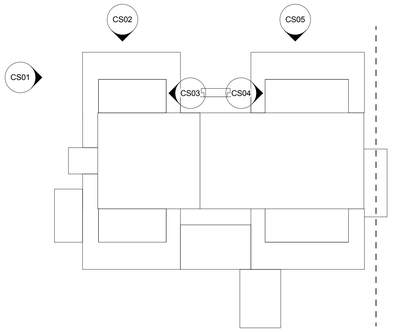
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A312

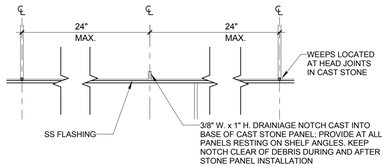
SHEET NO.

GENERAL NOTES - CAST STONE ELEVATIONS

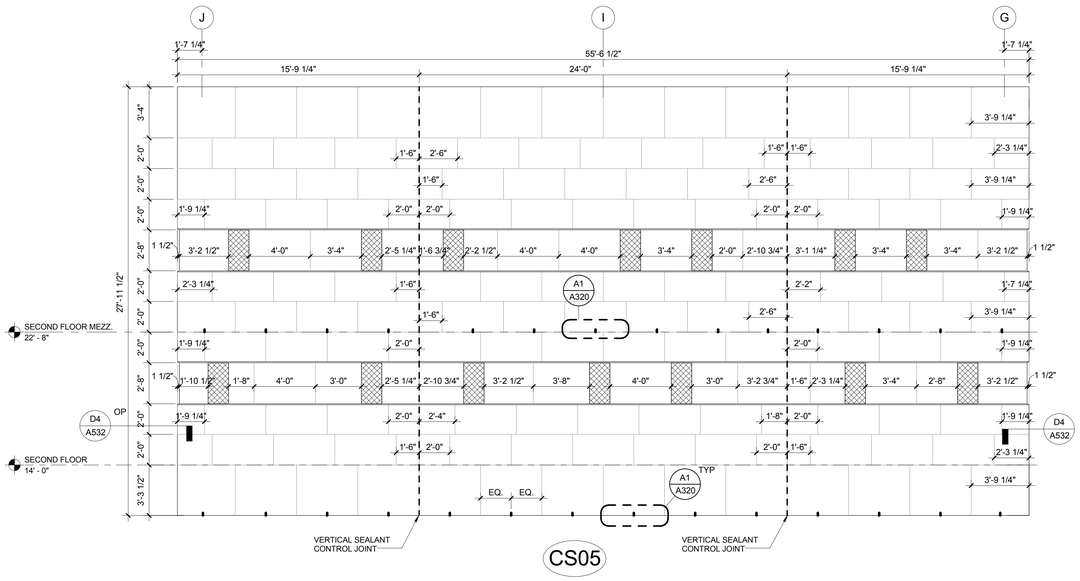
1. SEE SHEET SERIES A300 FOR ARCHITECTURAL CAST STONE ELEVATION LOCATIONS
2. ALL PANELS 4'-0" W. UNLESS OTHERWISE DIMENSIONED
3. FIELD VERIFY ALL DIMENSION PRIOR TO ORDER AND INSTALLATION
4. CONTROL JOINTS SHOWN ARE FOR INTENT ONLY; CAST STONE MANUFACTURER SHALL PROVIDE SHOP DRAWINGS SHOWING DETAILS OF ALL CONTROL JOINT CONDITIONS AND LOCATE CONTROL JOINTS IN CAST STONE ELEVATIONS PER CAST STONE INSTITUTE RECOMMNEDATIONS



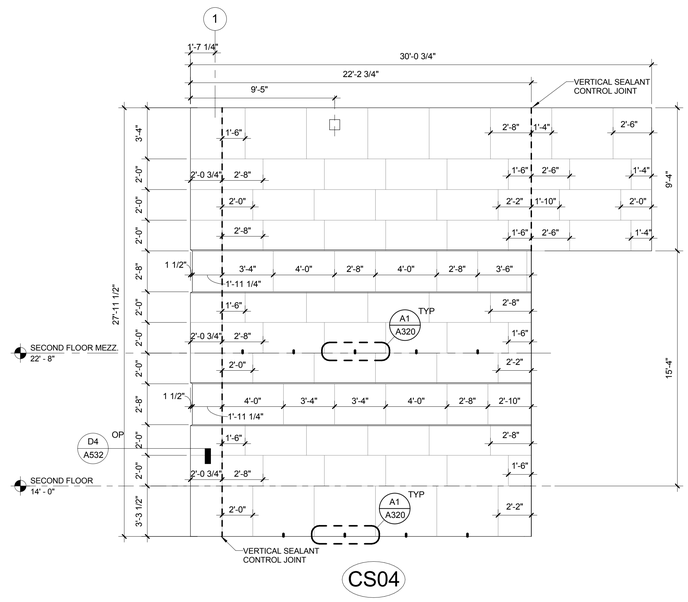
2 KEY PLAN
Scale: N.T.S.



A1 DRAINAGE NOTCH DETAIL
Scale: 1 1/2" = 1'-0"



CS05



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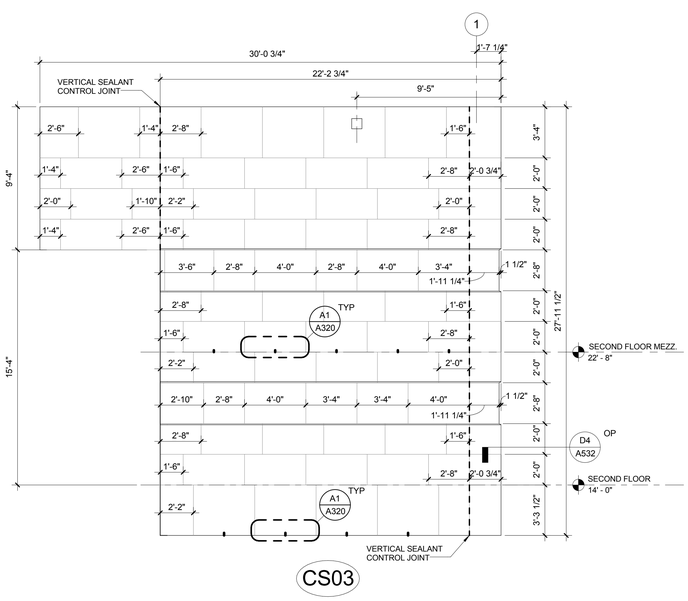

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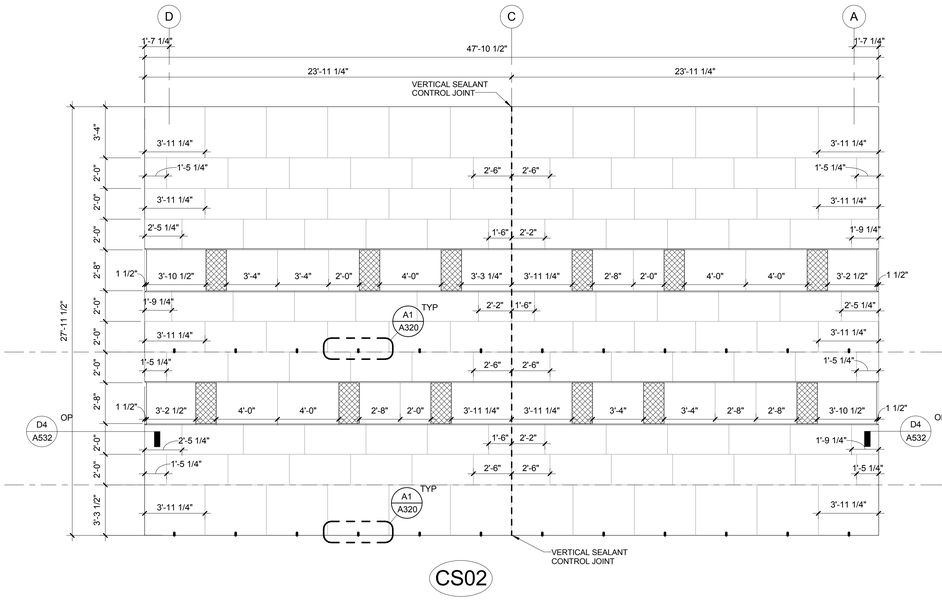

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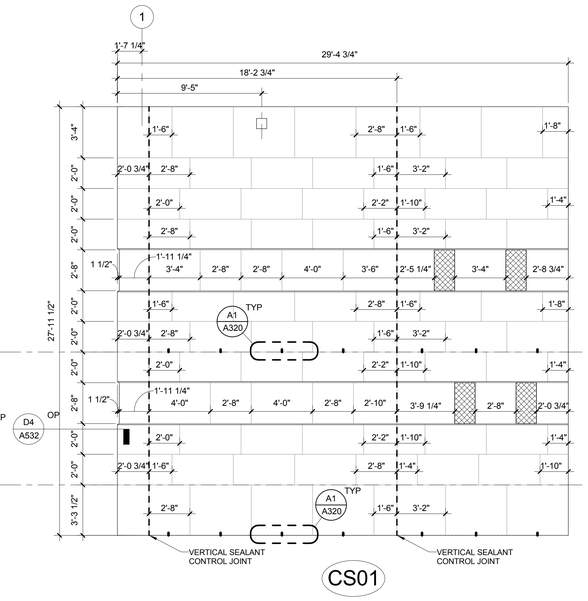

CS01

1 CAST STONE ELEVATIONS
Scale: 1/4" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

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INDUSTRY PARK DR. SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
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BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGIE STATE OF MARYLAND

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	CRD
CHECKED BY	KAF
DATE	2-5-2015

TITLE

CAST STONE ELEVATIONS

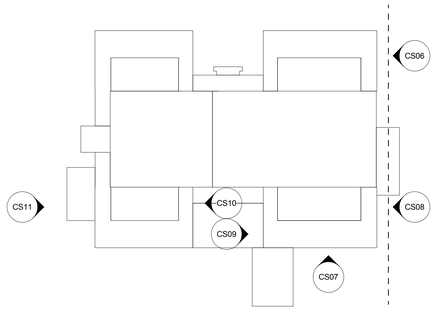
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A320

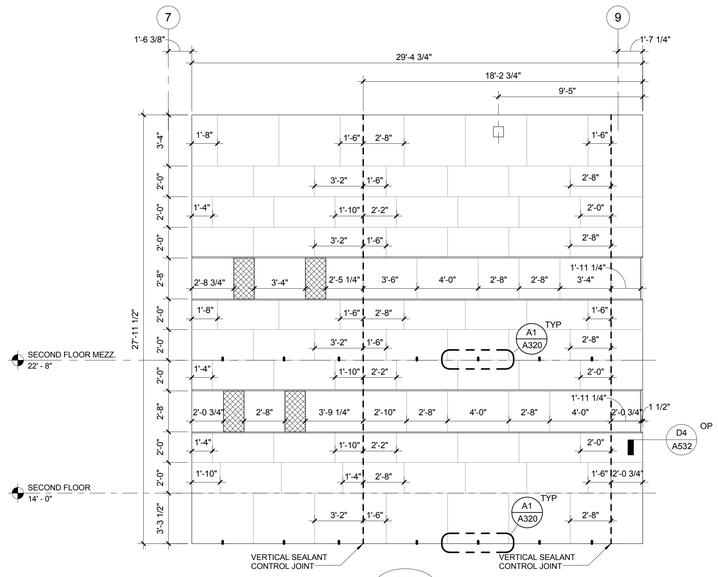
SHEET NO.

GENERAL NOTES - CAST STONE ELEVATIONS

1. SEE SHEET SERIES A300 FOR ARCHITECTURAL CAST STONE ELEVATION LOCATIONS
2. ALL PANELS 4'-0" W. UNLESS OTHERWISE DIMENSIONED
3. FIELD VERIFY ALL DIMENSION PRIOR TO ORDER AND INSTALLATION
4. CONTROL JOINTS SHOWN ARE FOR INTENT ONLY; CAST STONE MANUFACTURER SHALL PROVIDE SHOP DRAWINGS SHOWING DETAILS OF ALL CONTROL JOINT CONDITIONS AND LOCATE CONTROL JOINTS IN CAST STONE ELEVATIONS PER CAST STONE INSTITUTE RECOMMNEDATIONS



2 KEY PLAN
Scale: N.T.S.



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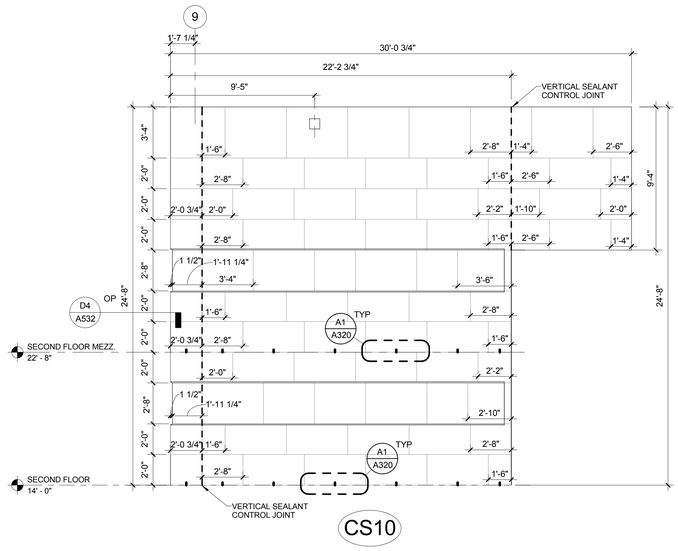

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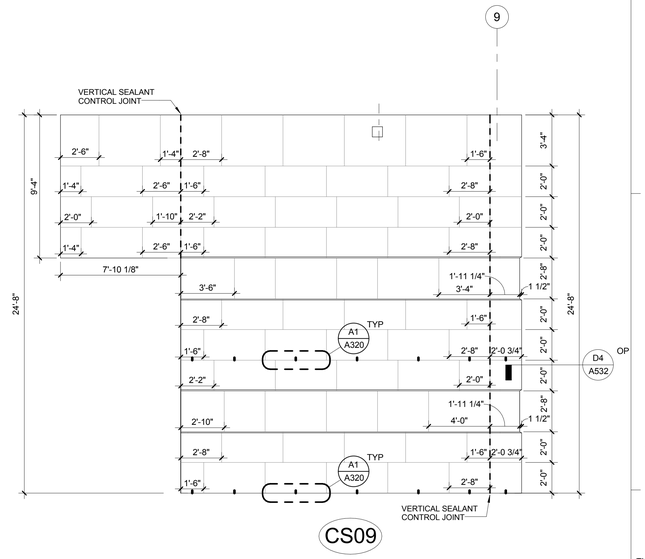

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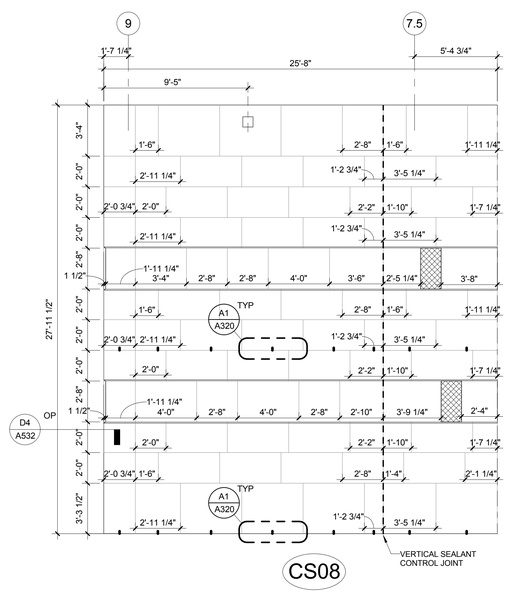

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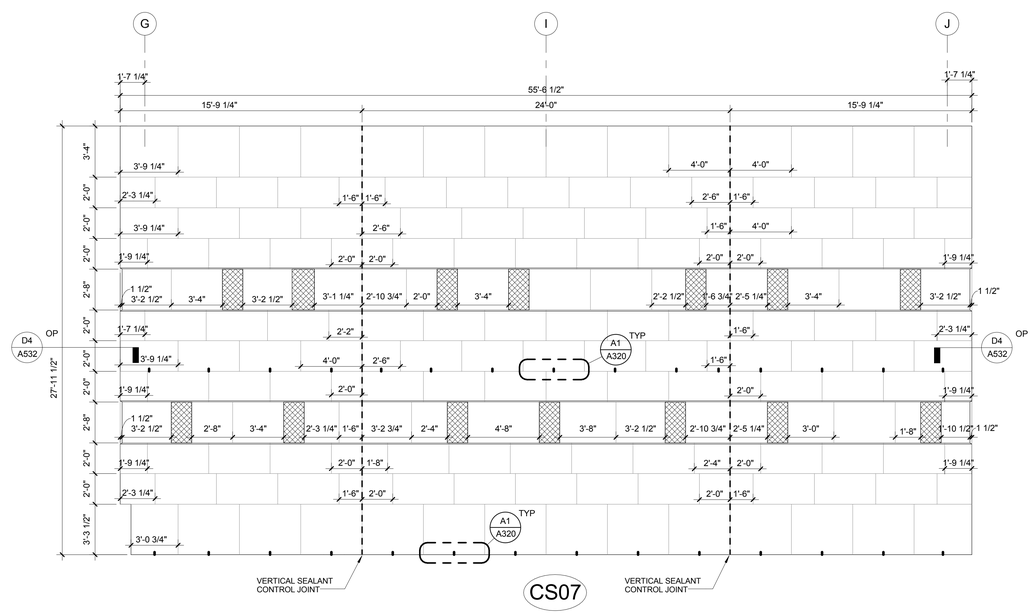

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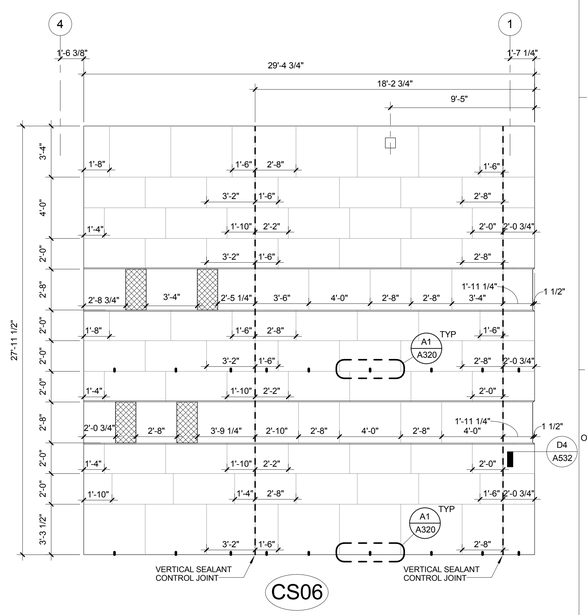

CS06

1 CAST STONE ELEVATIONS
Scale: 1/4" = 1'-0"

A JOINT-VENTURE BETWEEN
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EBA ENGINEERING

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HUNT VALLEY, MARYLAND 21031
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TERRALOGOS ECO ARCHITECTURE PC

R&R designer, inc.

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SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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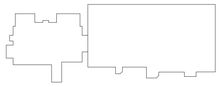
KEY PLAN



SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	CRD
CHECKED BY	KAF
DATE	2-5-2015

TITLE

CAST STONE ELEVATIONS

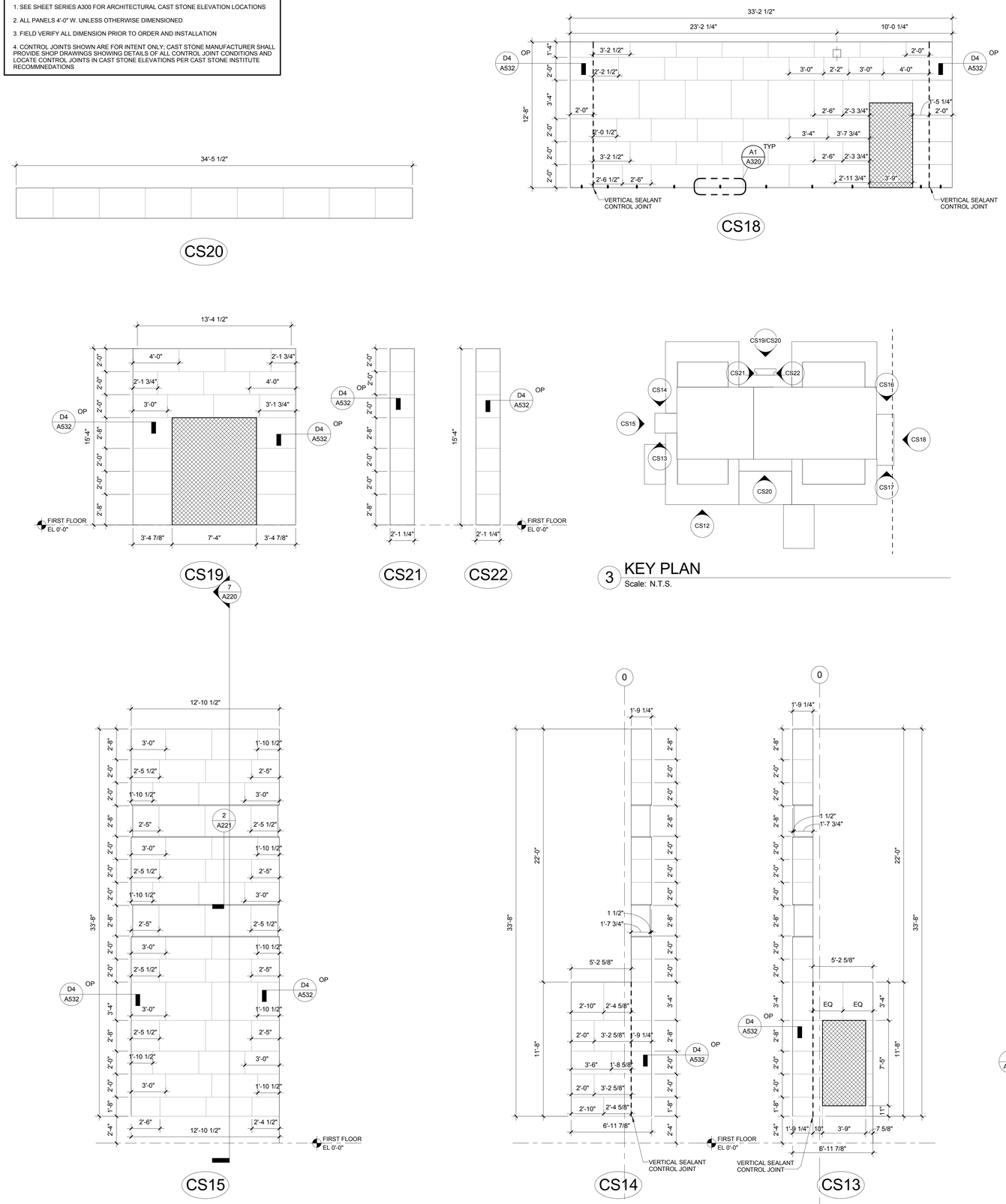
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A321

SHEET NO.

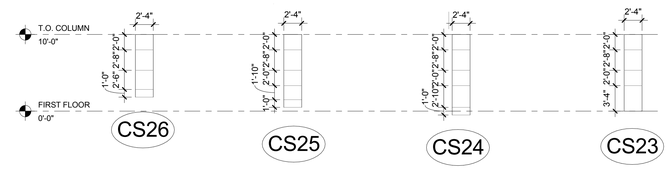
GENERAL NOTES - CAST STONE ELEVATIONS

1. SEE SHEET SERIES A300 FOR ARCHITECTURAL CAST STONE ELEVATION LOCATIONS
2. ALL PANELS 4'-0" W. UNLESS OTHERWISE DIMENSIONED
3. FIELD VERIFY ALL DIMENSION PRIOR TO ORDER AND INSTALLATION
4. CONTROL JOINTS SHOWN ARE FOR INTENT ONLY; CAST STONE MANUFACTURER SHALL PROVIDE SHOP DRAWINGS SHOWING DETAILS OF ALL CONTROL JOINT CONDITIONS AND LOCATE CONTROL JOINTS IN CAST STONE ELEVATIONS PER CAST STONE INSTITUTE RECOMMNEDATIONS



1 CAST STONE ELEVATIONS
Scale: 1/4" = 1'-0"

3 KEY PLAN
Scale: N.T.S.



2 CAST STONE COLUMN ELEVATIONS
Scale: 1/8" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
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STATE OF MARYLAND - DPSCS
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KEY PLAN

SCALE
As indicated

No.	Description	Date

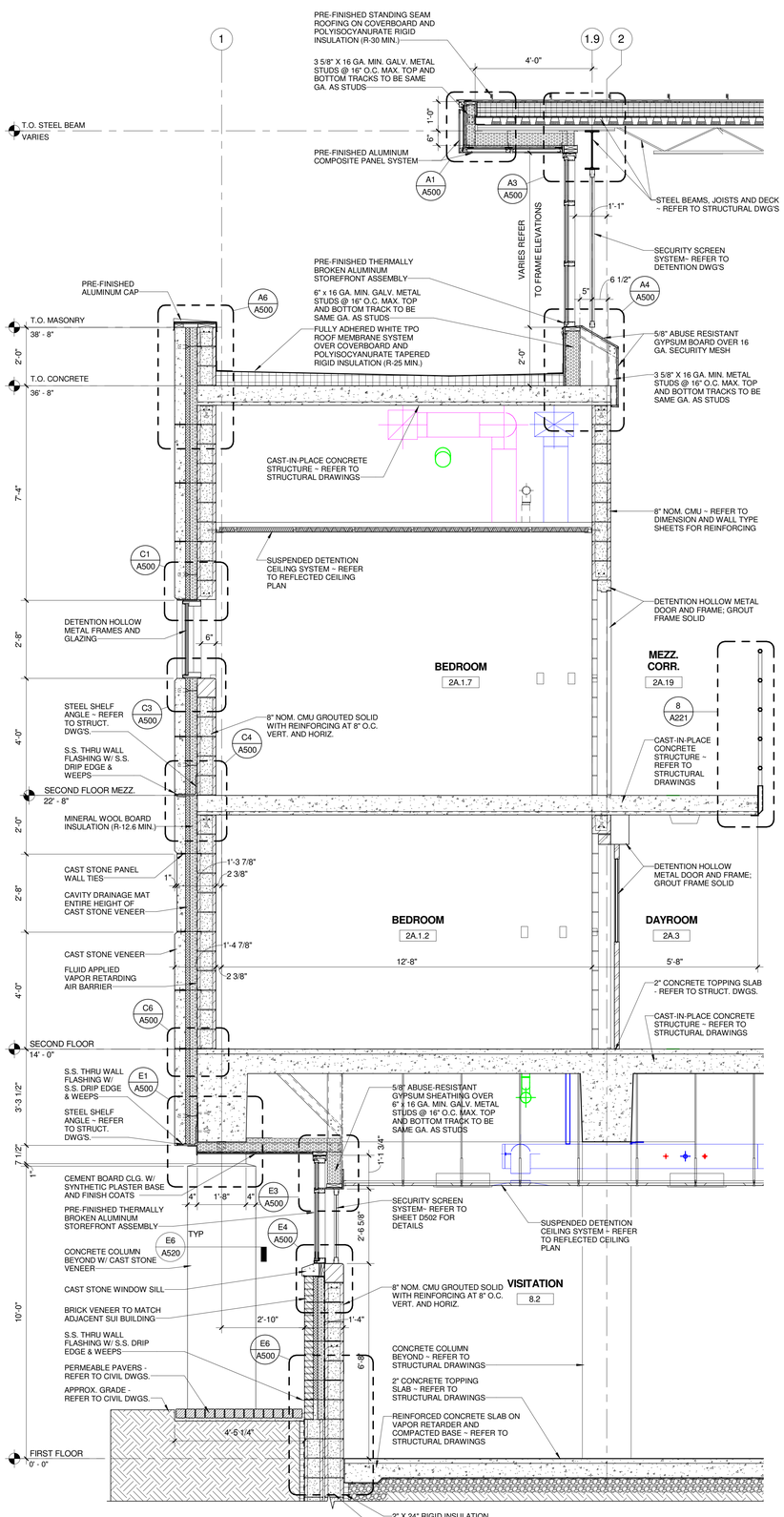
REVISIONS

DRAWN BY	DEW
APPROVED BY	CRD
CHECKED BY	KAF
DATE	2-5-2015

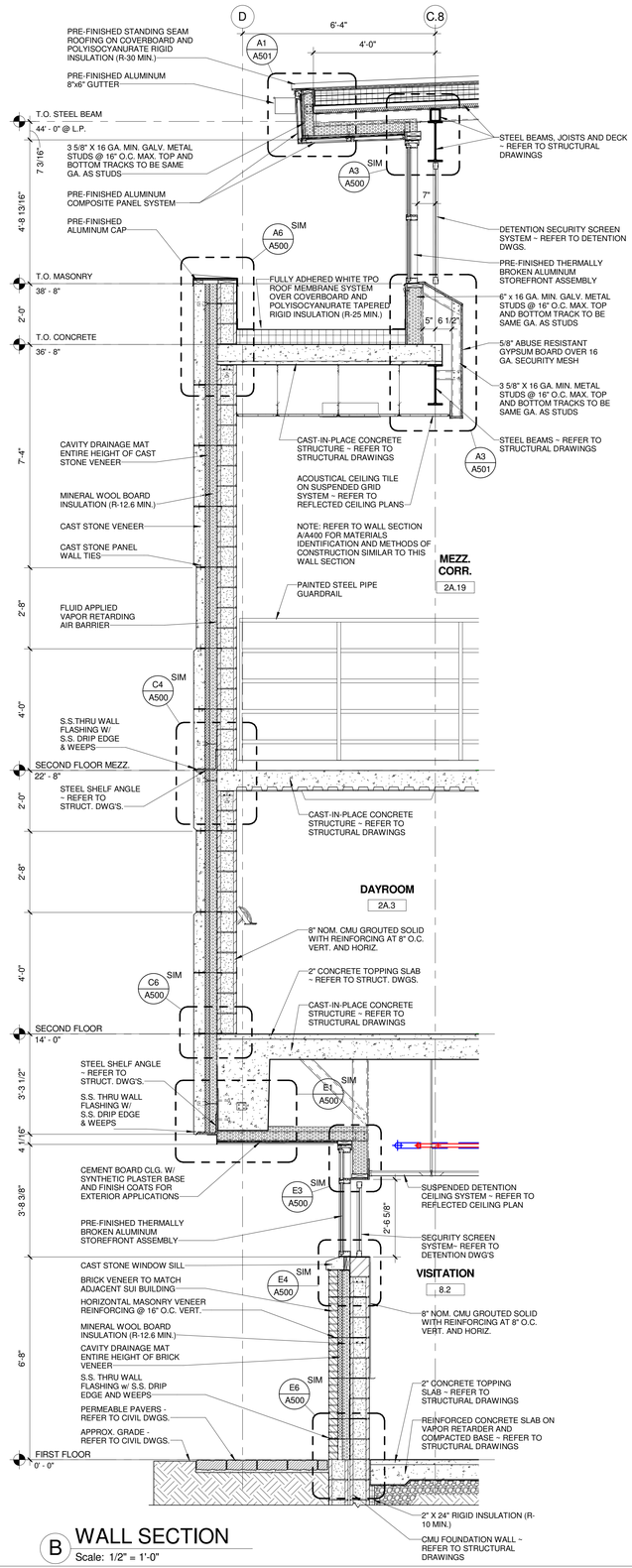
TITLE
CAST STONE ELEVATIONS

PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

A322
SHEET NO.



A WALL SECTION
Scale: 1/2" = 1'-0"



B WALL SECTION
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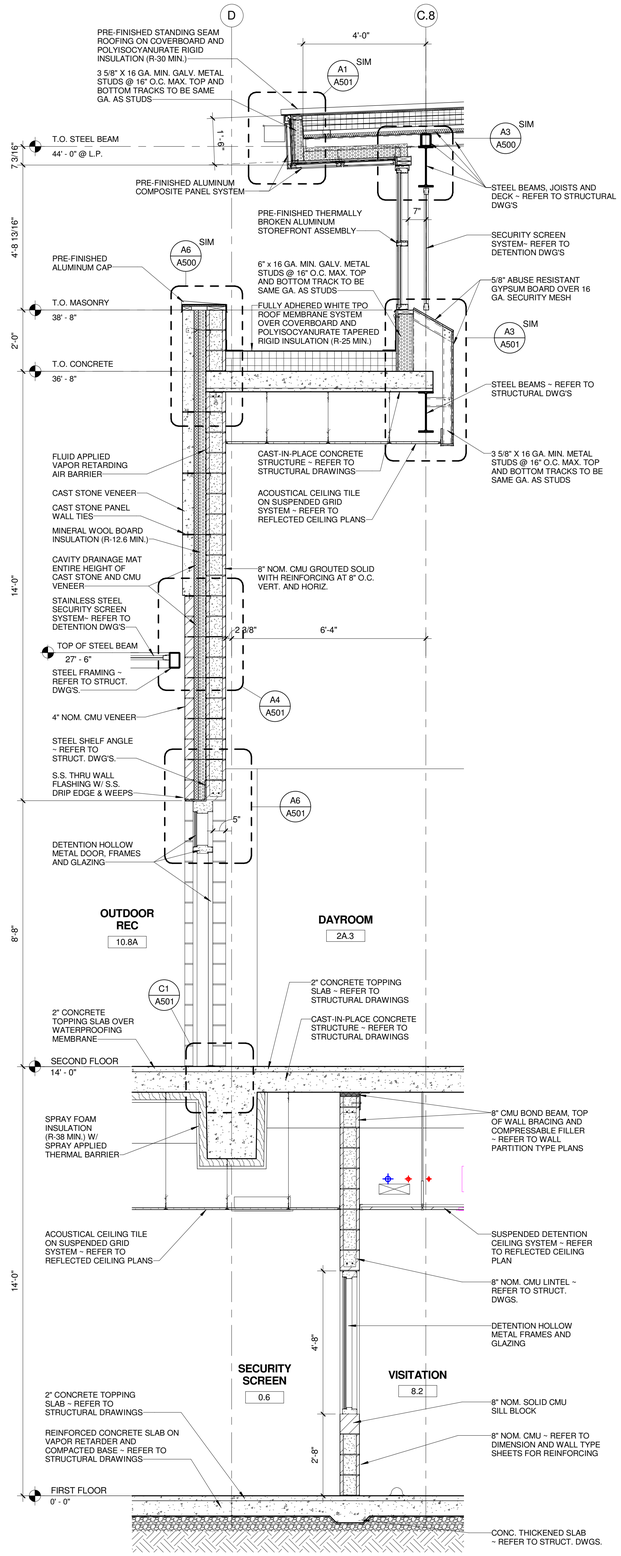

C WALL SECTION
Scale: 1/2" = 1'-0"

A JOINT-VENTURE BETWEEN
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KEY PLAN

SCALE

1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	KAF
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

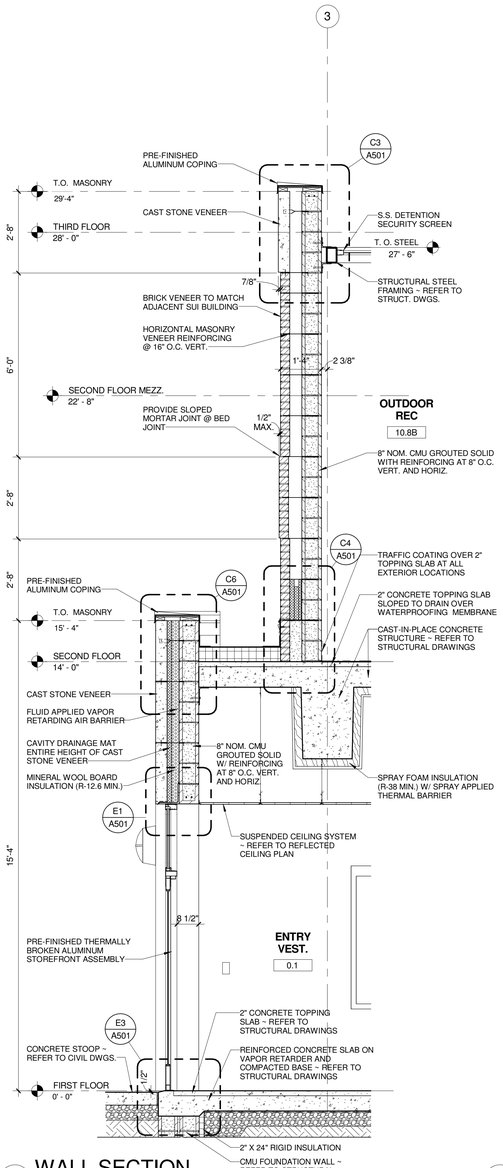
TITLE

WALL SECTIONS

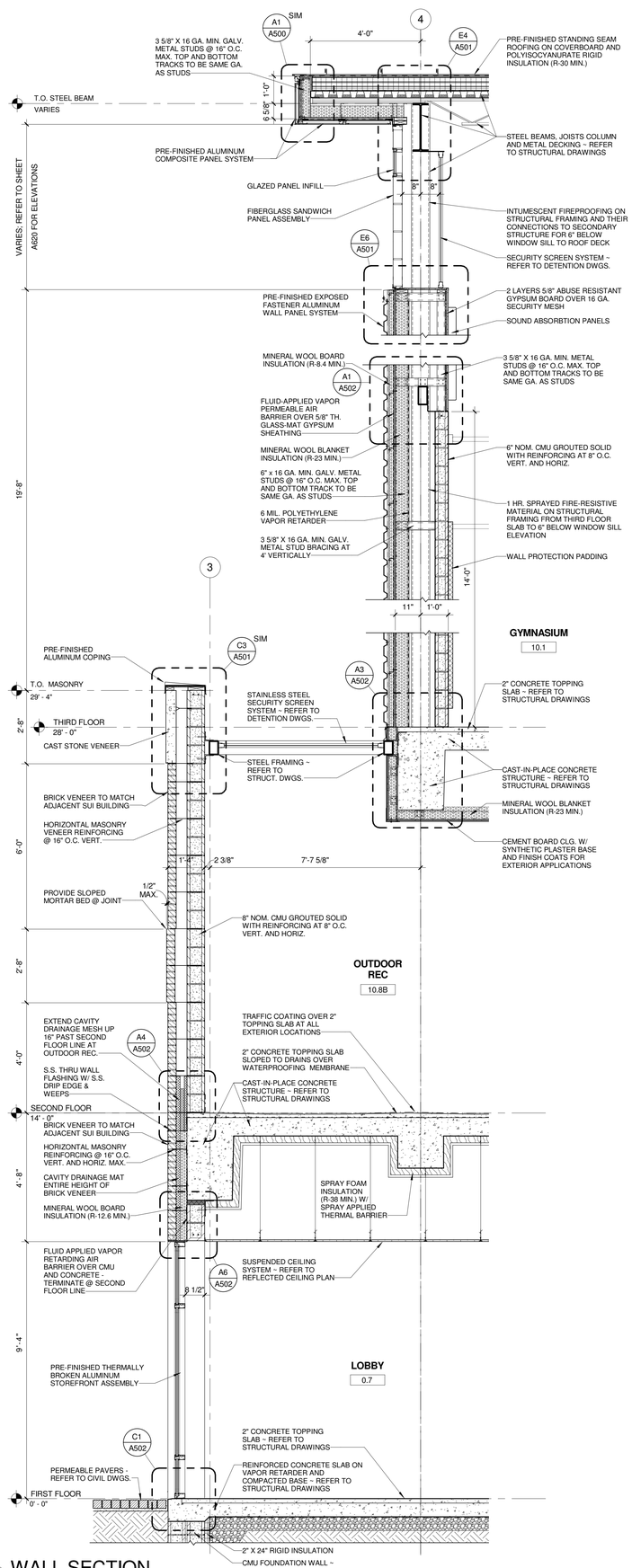
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A400

SHEET NO.



D WALL SECTION
Scale: 1/2" = 1'-0"



E WALL SECTION
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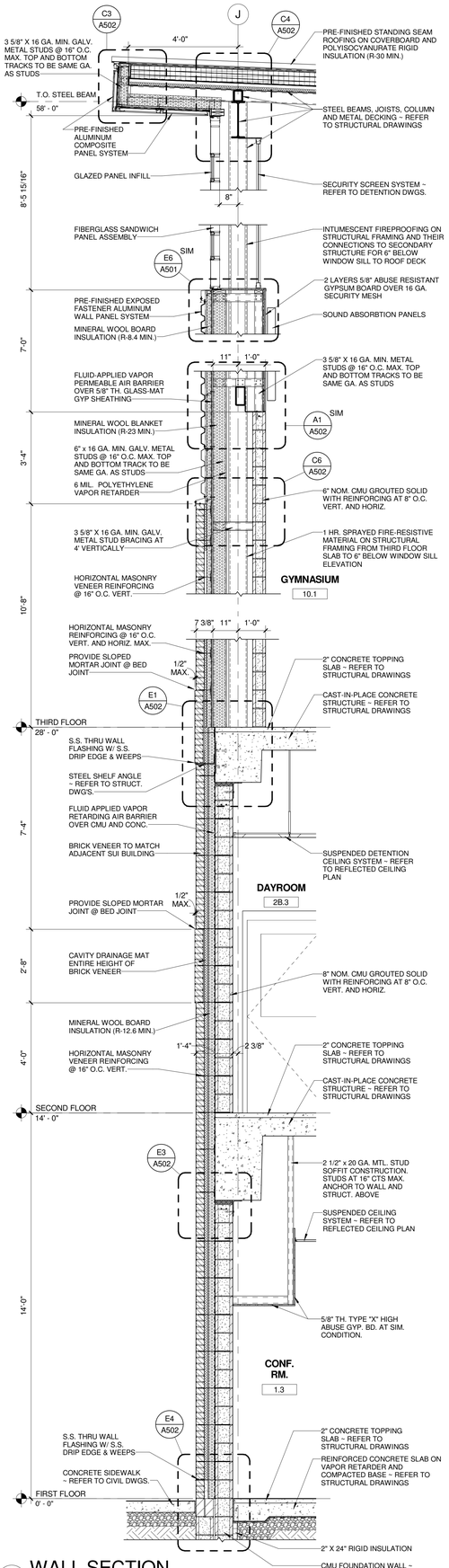

F WALL SECTION
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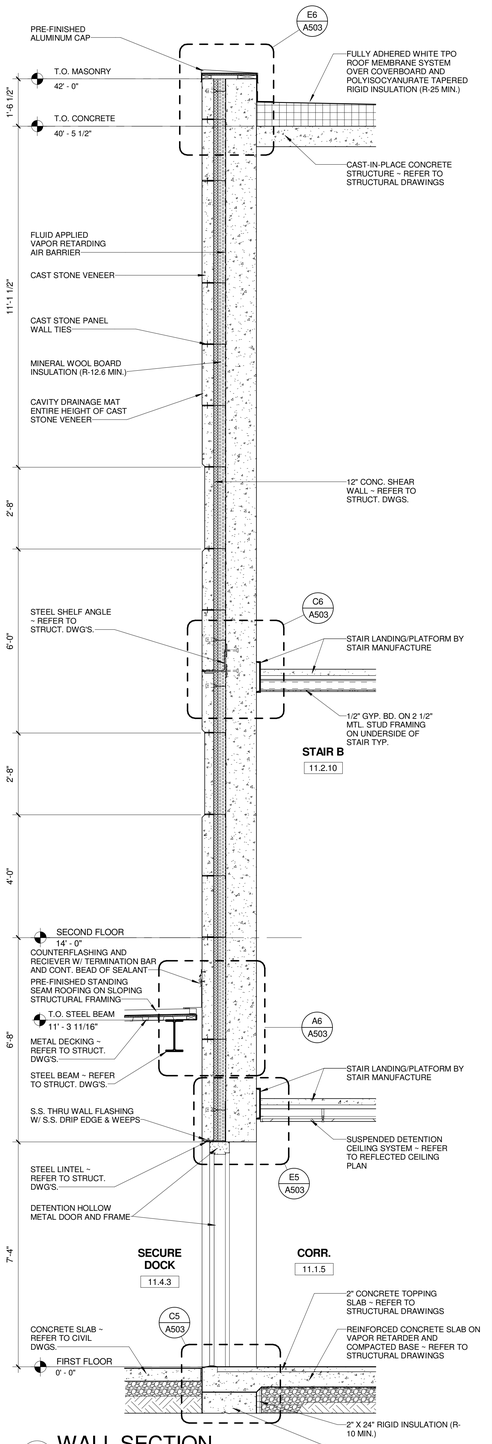

G WALL SECTION
Scale: 1/2" = 1'-0"

A JOINT-VENTURE BETWEEN
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EBA ENGINEERING

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BALTIMORE MARYLAND

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KEY PLAN

SCALE

1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	KAF
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

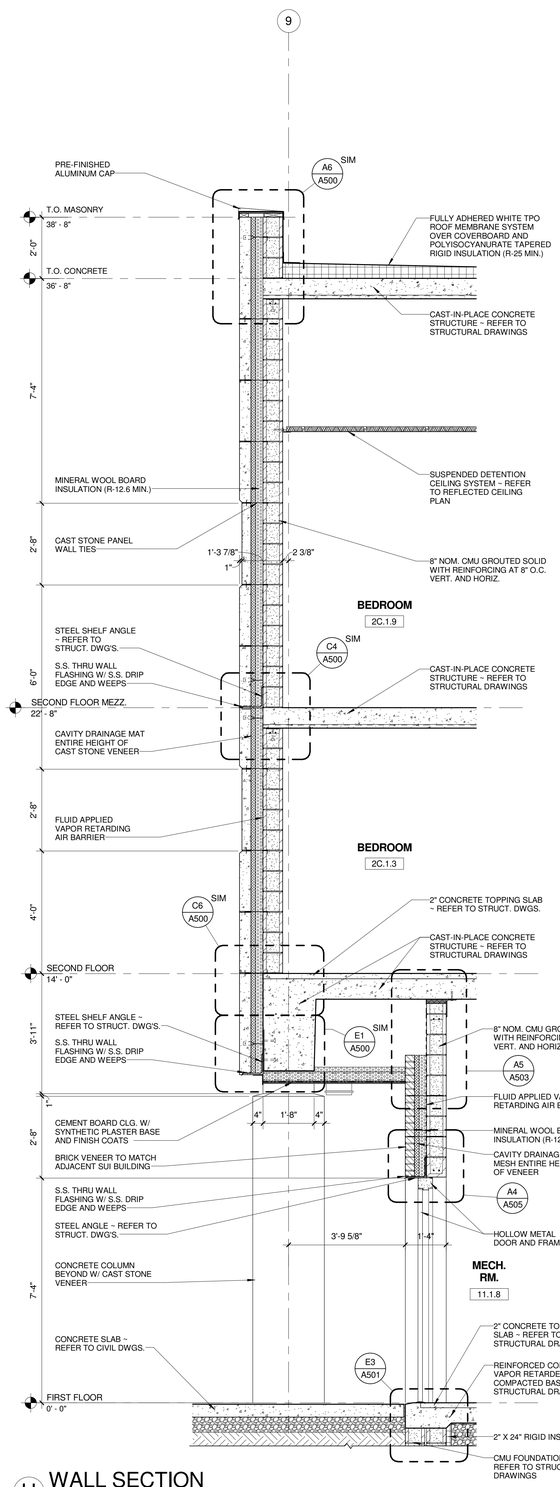
TITLE

WALL SECTIONS

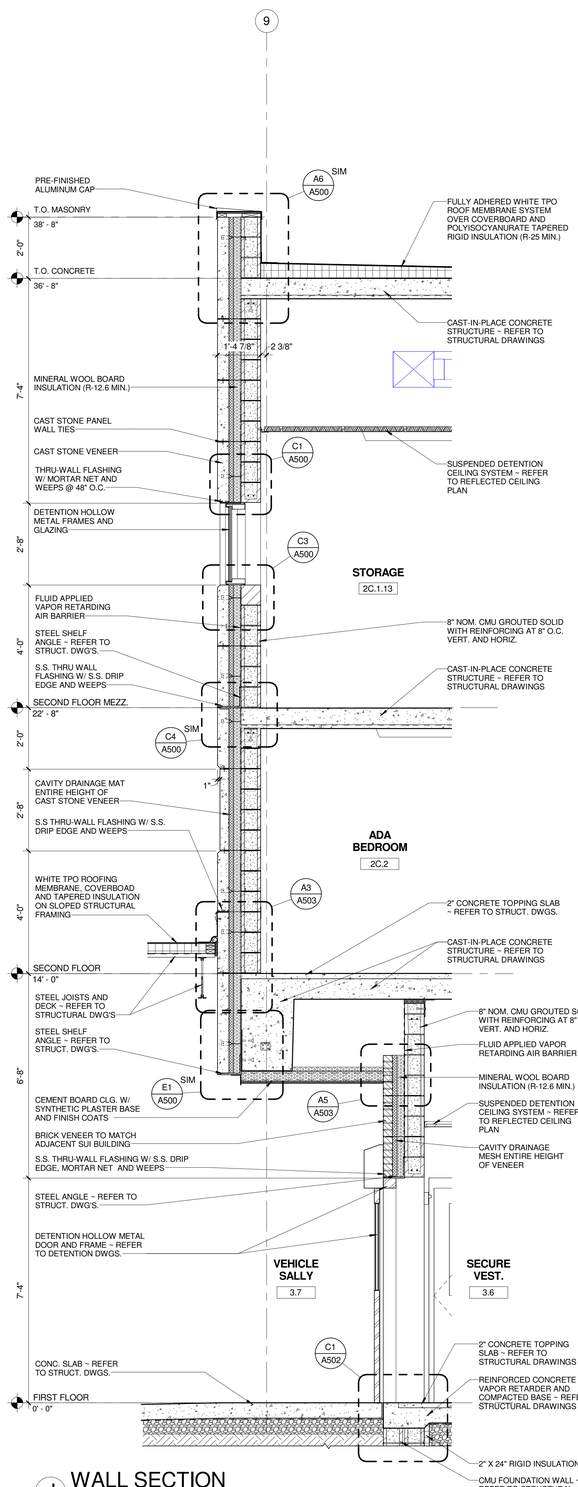
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A401

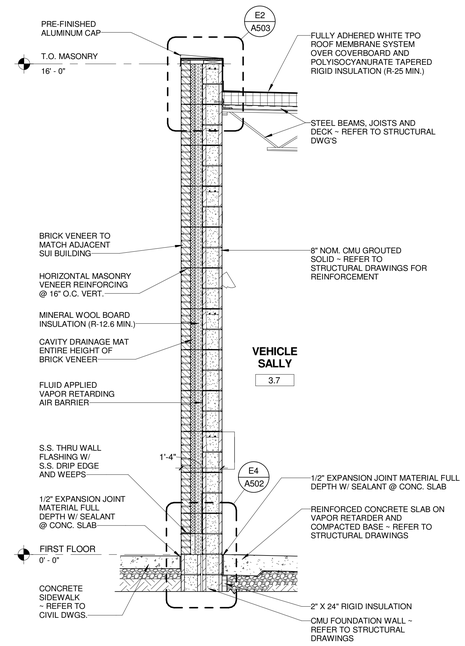
SHEET NO.



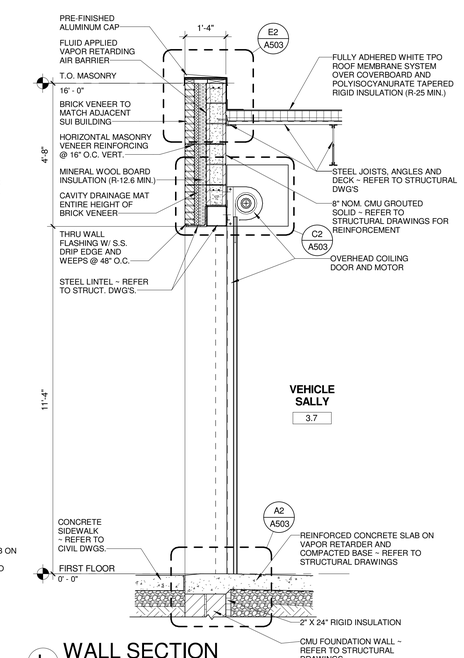
H WALL SECTION
Scale: 1/2" = 1'-0"



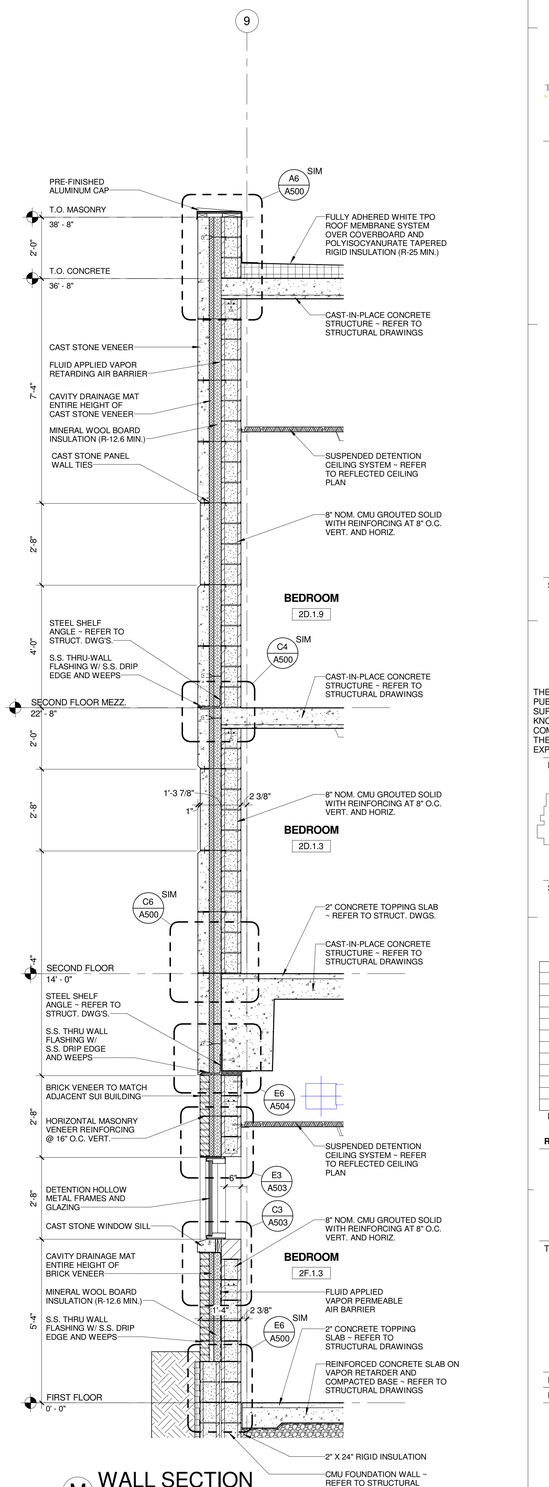
J WALL SECTION
Scale: 1/2" = 1'-0"



K WALL SECTION
Scale: 1/2" = 1'-0"



L WALL SECTION
Scale: 1/2" = 1'-0"



M WALL SECTION
Scale: 1/2" = 1'-0"

A JOINT-VENTURE BETWEEN
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EBA ENGINEERING
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SIDHU ASSOCIATES, INC. Consulting Engineers
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KEY PLAN

SCALE
1/2" = 1'-0"

No.	Description	Date

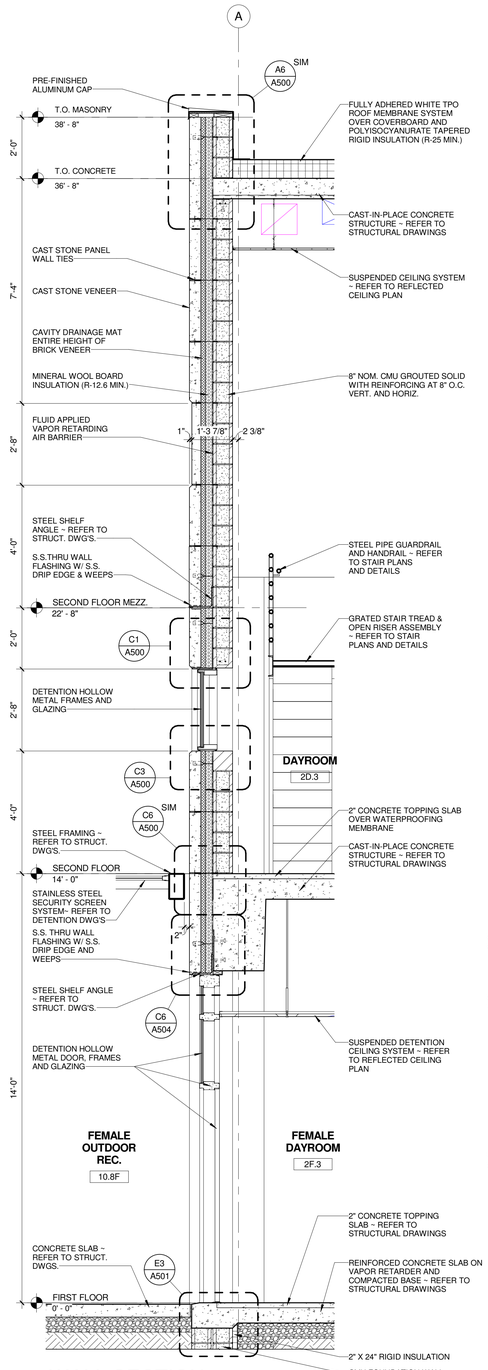
REVISIONS

DRAWN BY	KAF
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

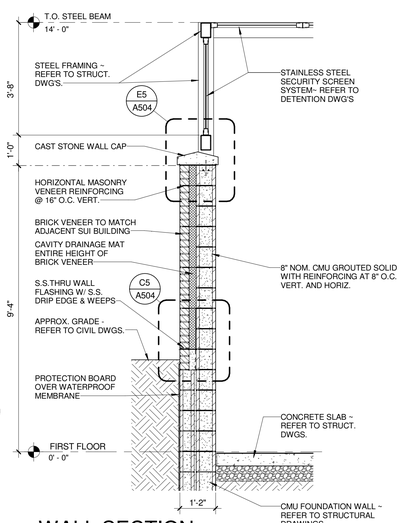
TITLE
WALL SECTIONS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

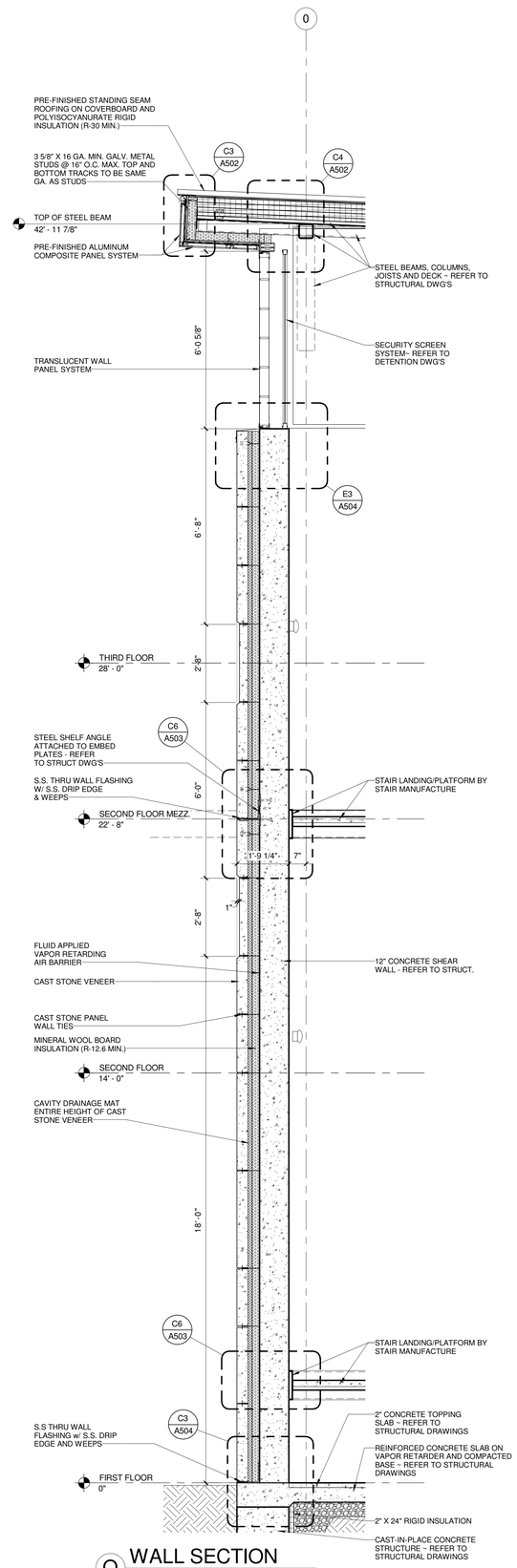
A402
SHEET NO.



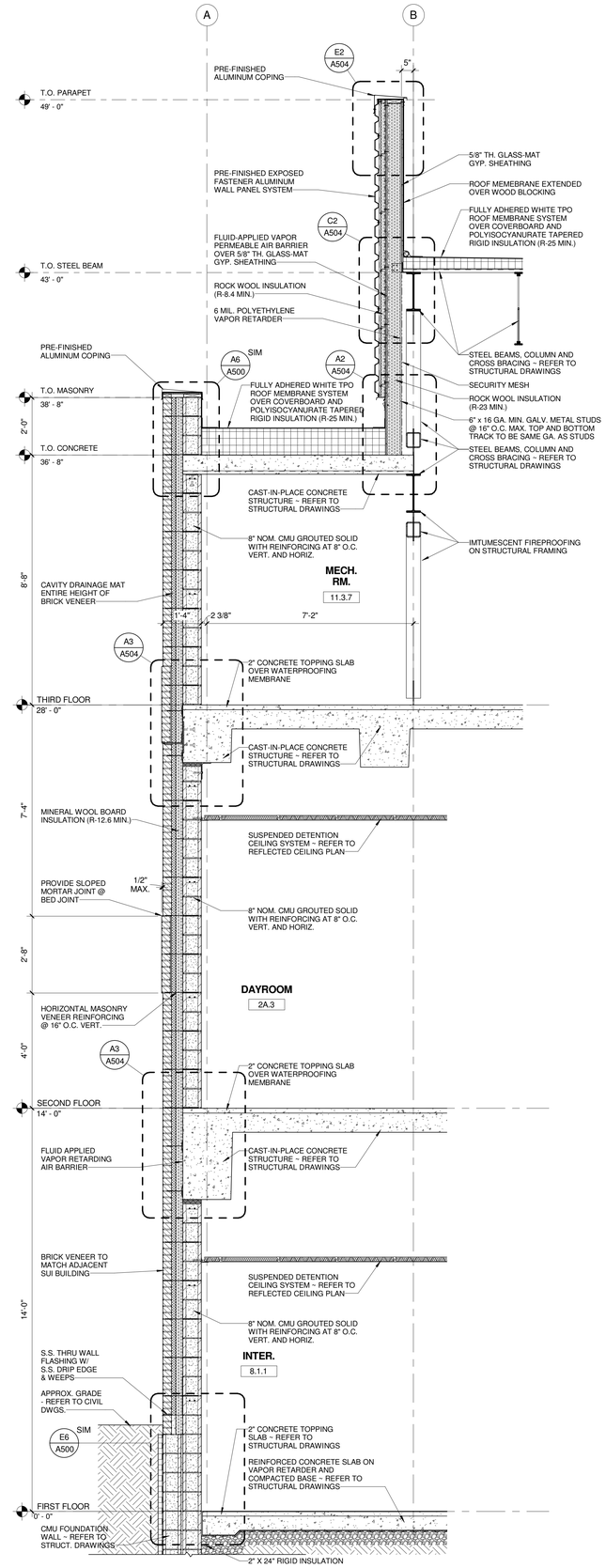
N WALL SECTION
Scale: 1/2" = 1'-0"



P WALL SECTION
Scale: 1/2" = 1'-0"



Q WALL SECTION
Scale: 1/2" = 1'-0"



R WALL SECTION
Scale: 1/2" = 1'-0"

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EBA ENGINEERING

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KEY PLAN

SCALE

1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	KAF
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

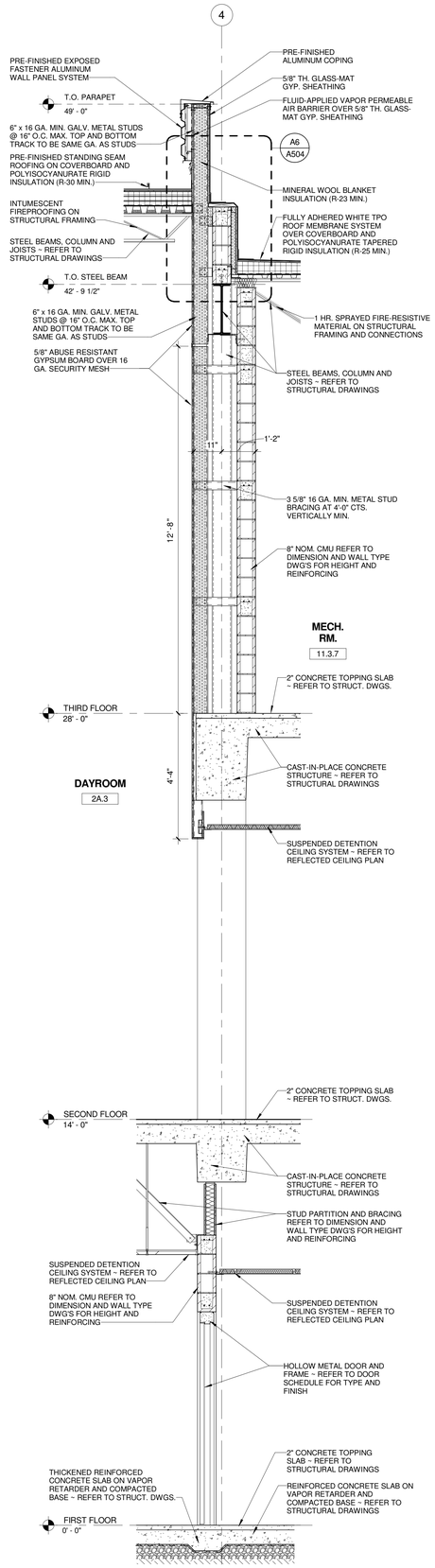
TITLE

WALL SECTIONS

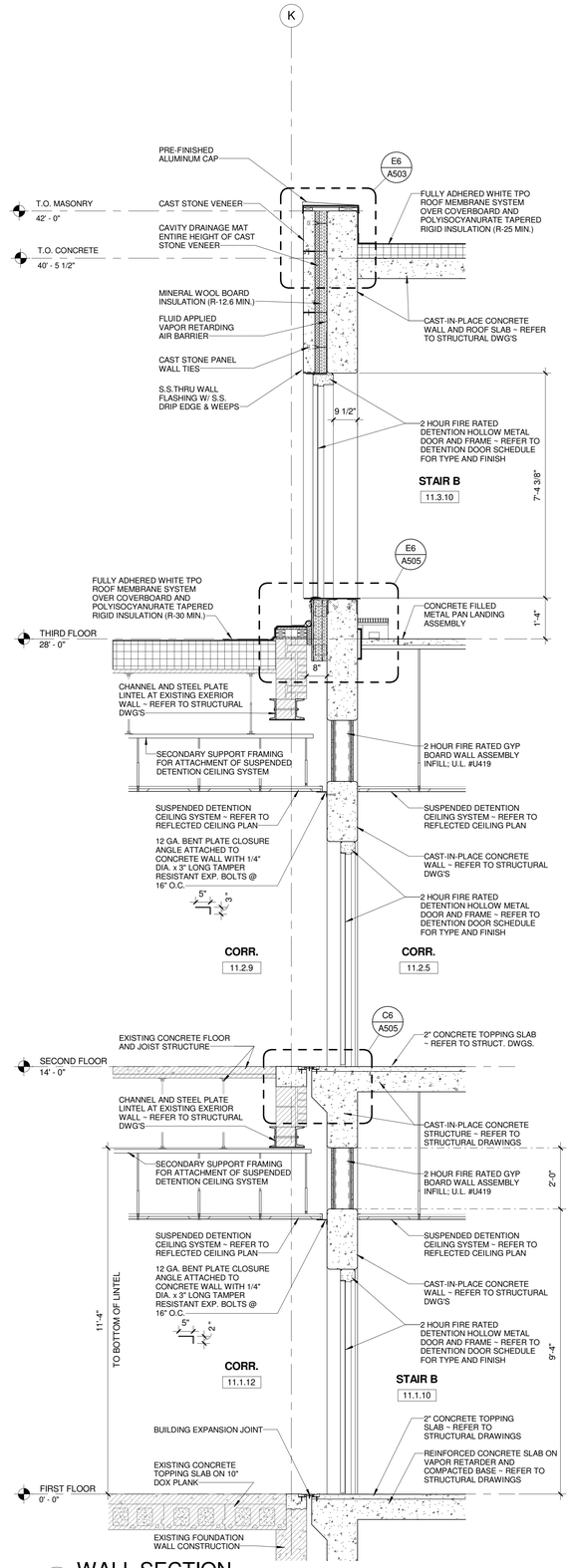
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A403

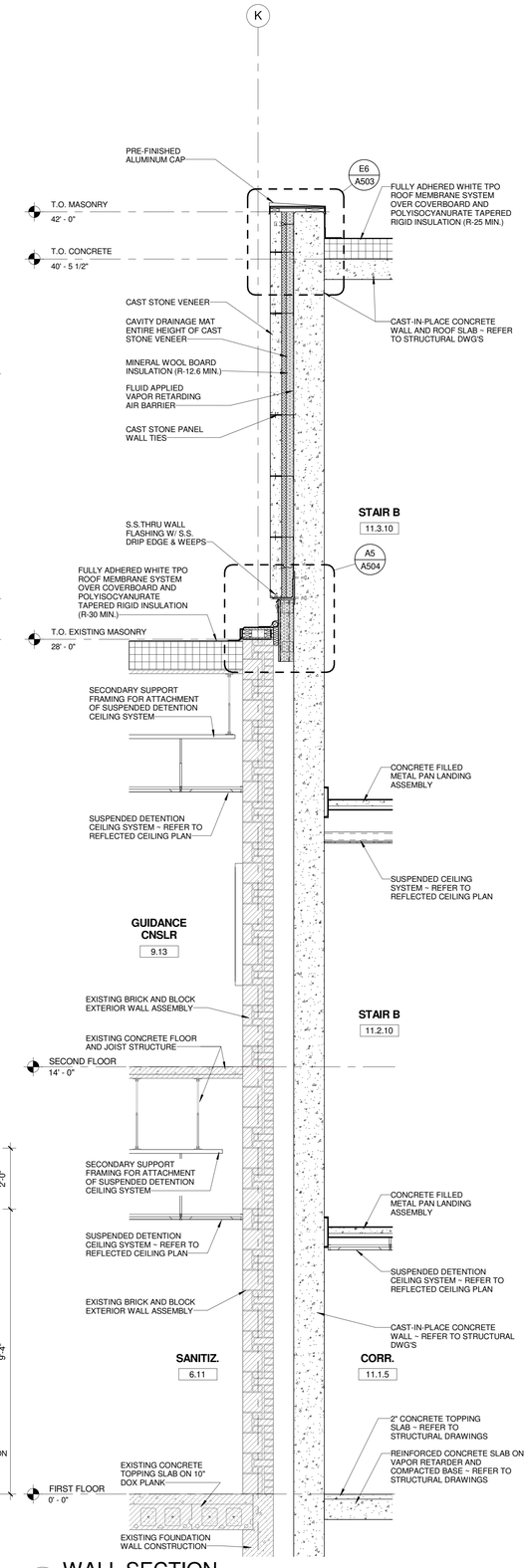
SHEET NO.



T WALL SECTION
Scale: 1/2" = 1'-0"



U WALL SECTION
Scale: 1/2" = 1'-0"



V WALL SECTION
Scale: 1/2" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS
ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	KAF
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

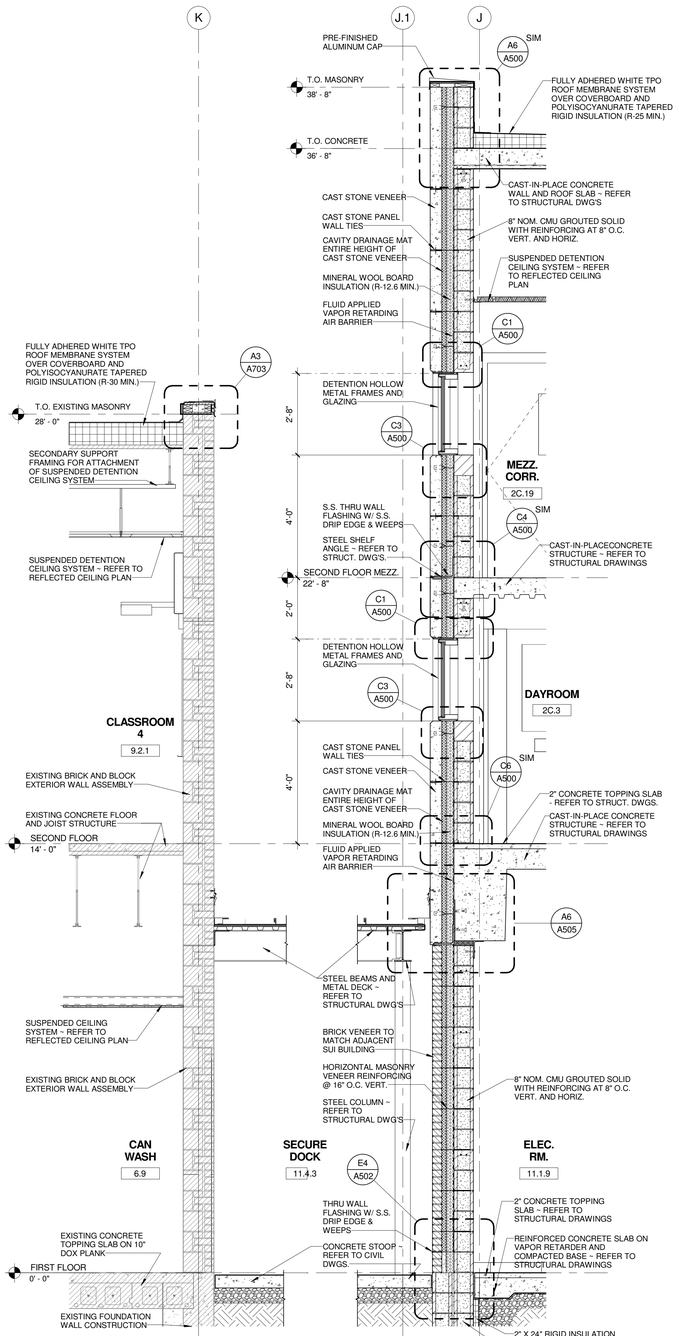
TITLE

WALL SECTIONS

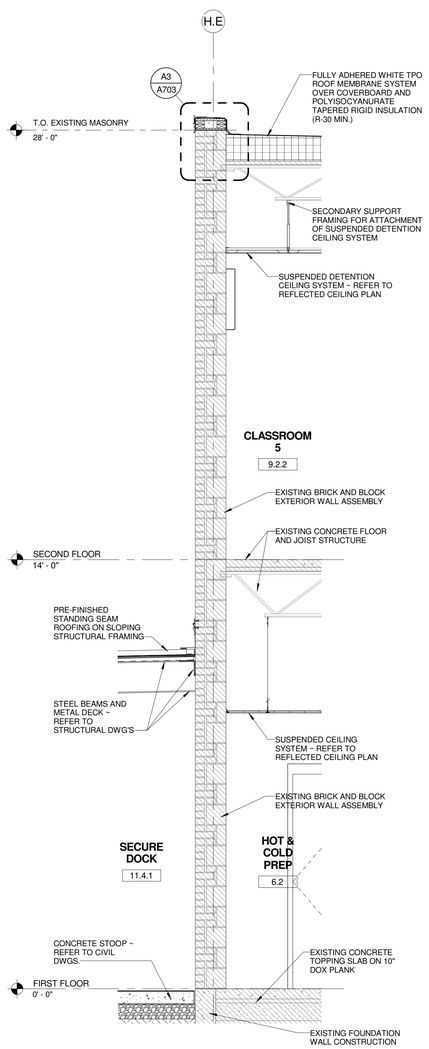
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A404

SHEET NO.



W WALL SECTION
Scale: 1/2" = 1'-0"



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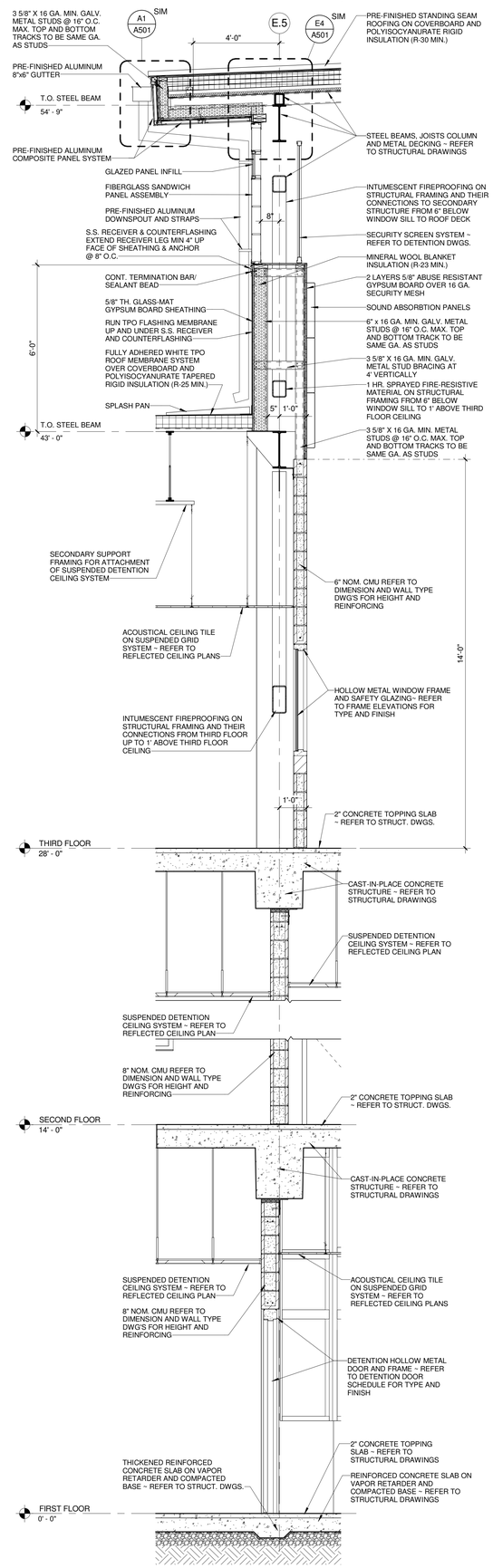
Scale: 1/2" = 1'-0"



Y WALL SECTION
Scale: 1/2" = 1'-0"

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KEY PLAN

SCALE

1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	KAF
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

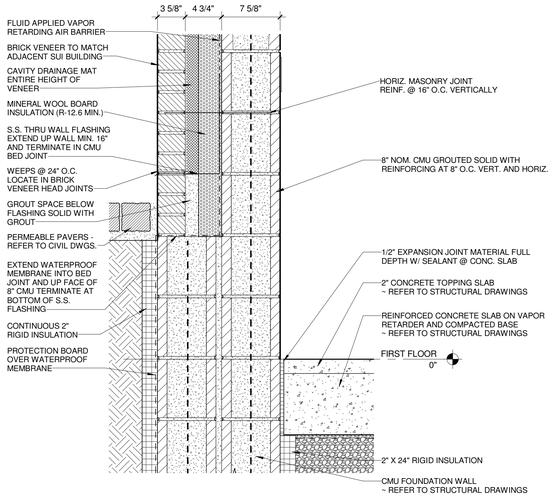
TITLE

WALL SECTIONS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A405

SHEET NO.



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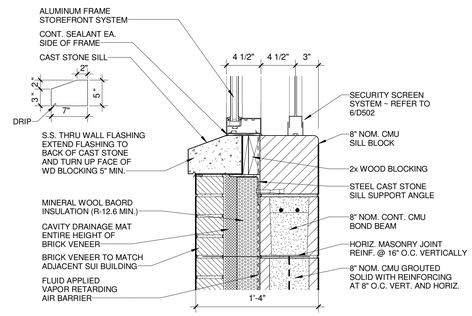

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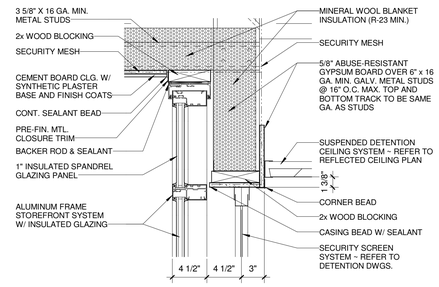

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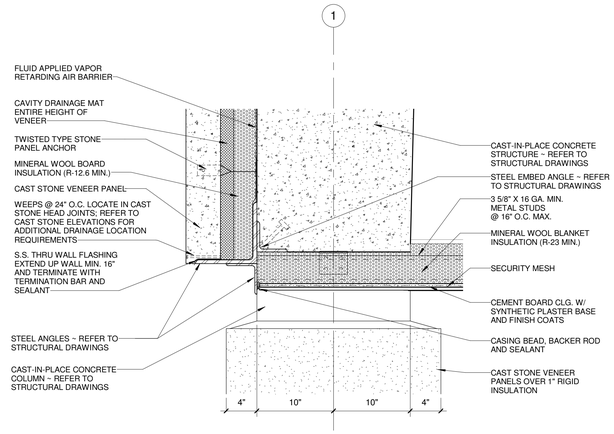

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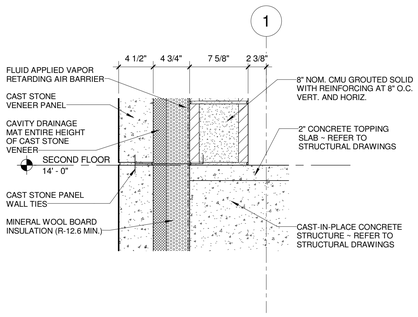

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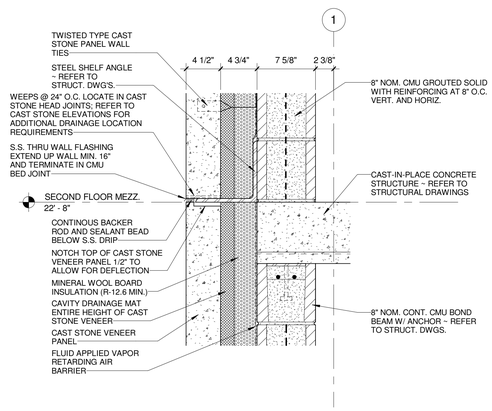

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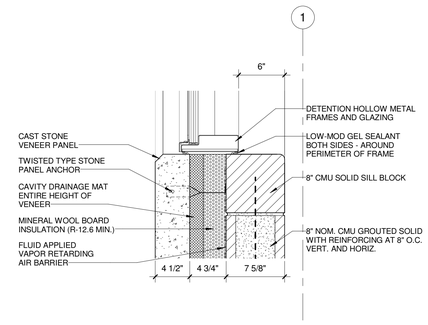

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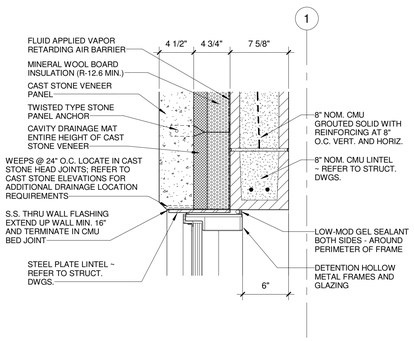

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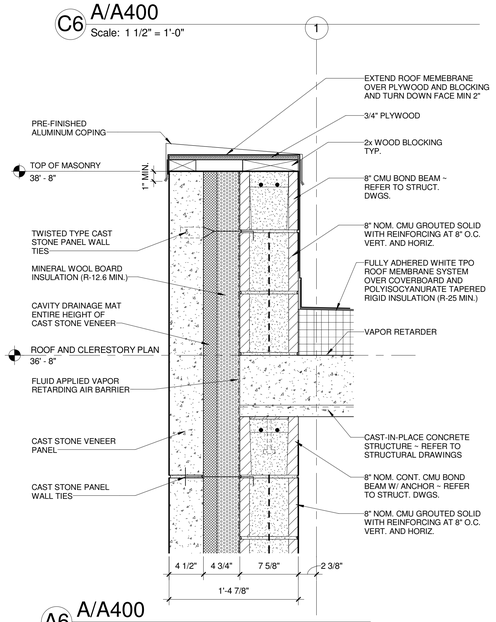

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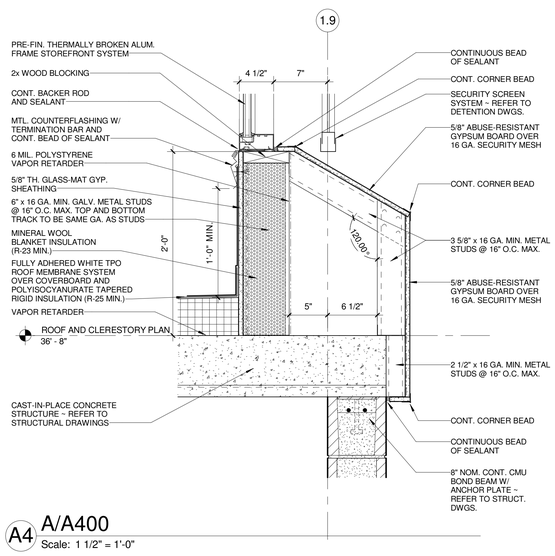
Scale: 1 1/2" = 1'-0"



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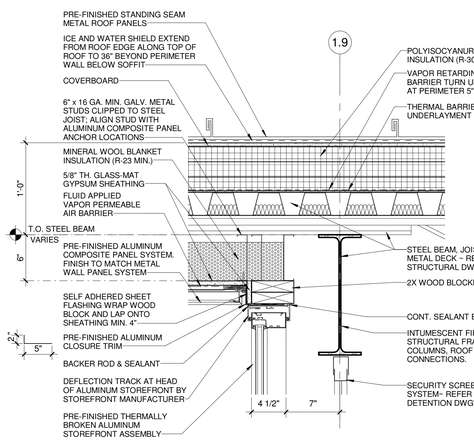

A3 A/A400
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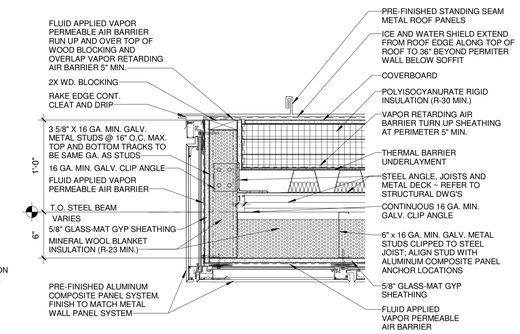

A1 A/A400
Scale: 1 1/2" = 1'-0"

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KEY PLAN

SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

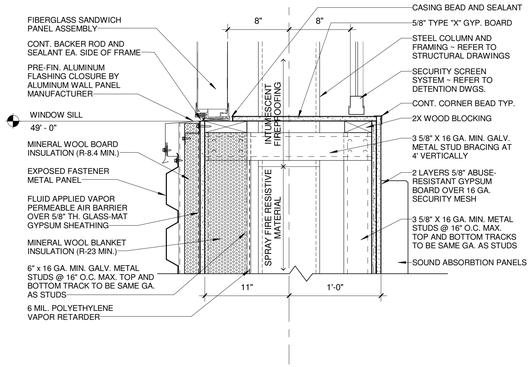
TITLE

CONSTRUCTION DETAILS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A500

SHEET NO.



E6 E/A401
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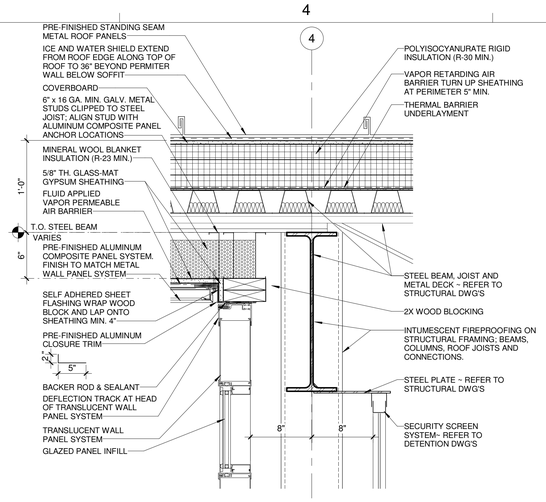

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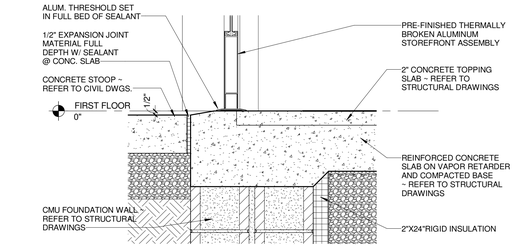

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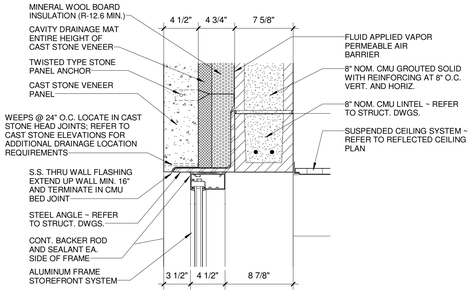
Scale: 1 1/2" = 1'-0"



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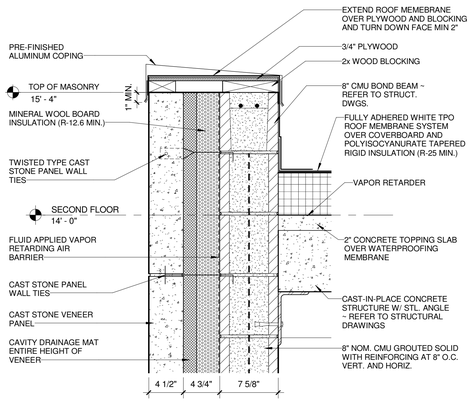

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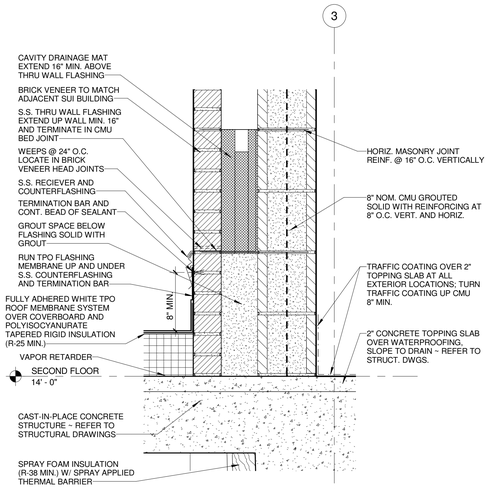

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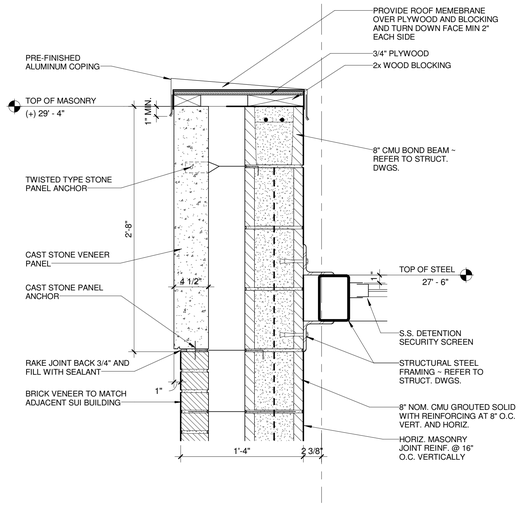

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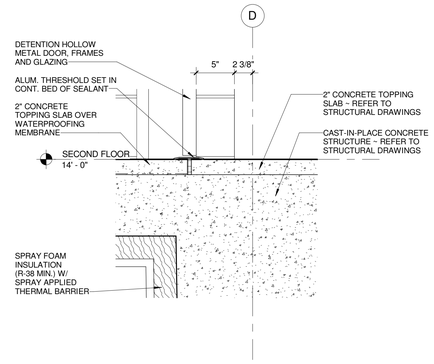

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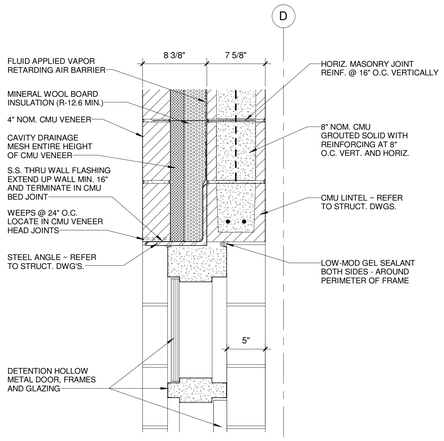

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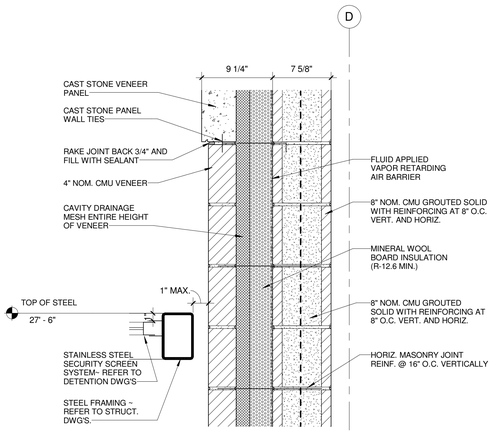

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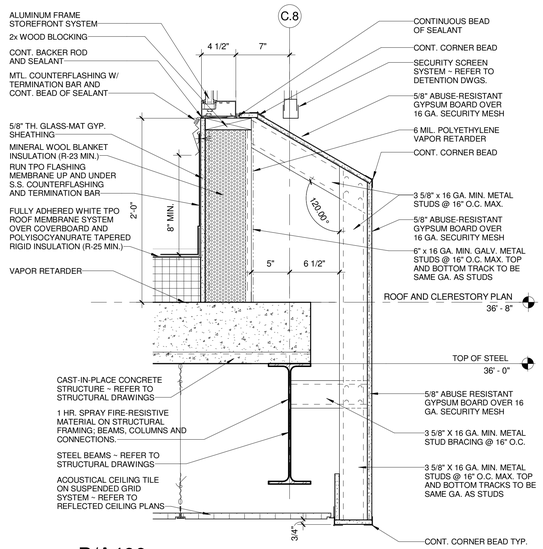

A3 B/A400
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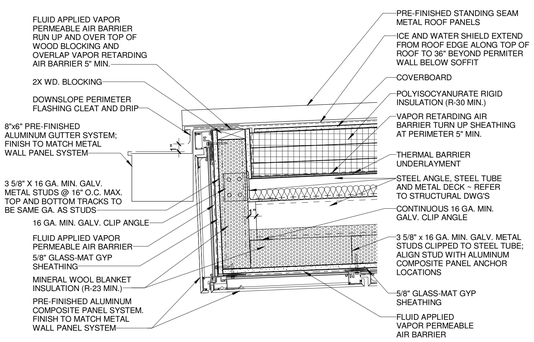

A1 B/A400
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KEY PLAN

SCALE
1 1/2" = 1'-0"

No.	Description	Date

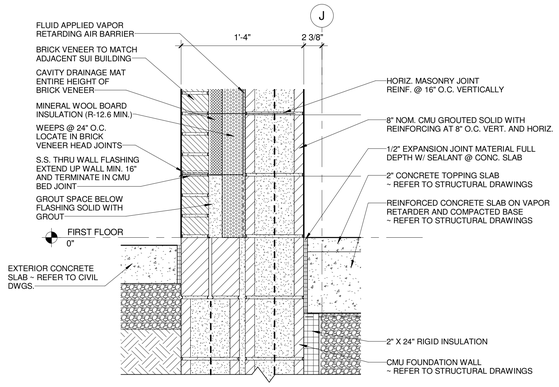
REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

TITLE
CONSTRUCTION DETAILS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A501
SHEET NO.



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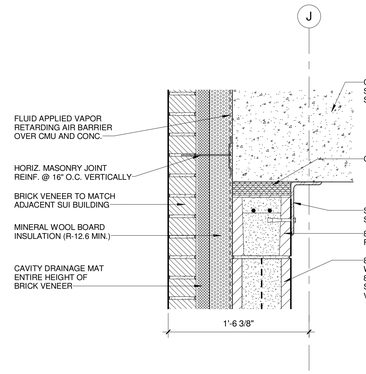
Scale: 1 1/2" = 1'-0"



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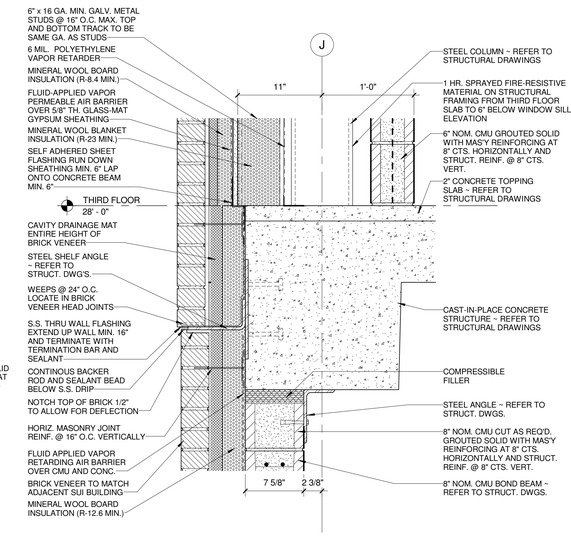

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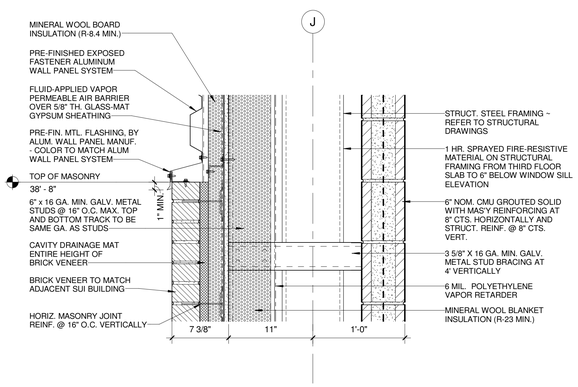

C6 F/A401
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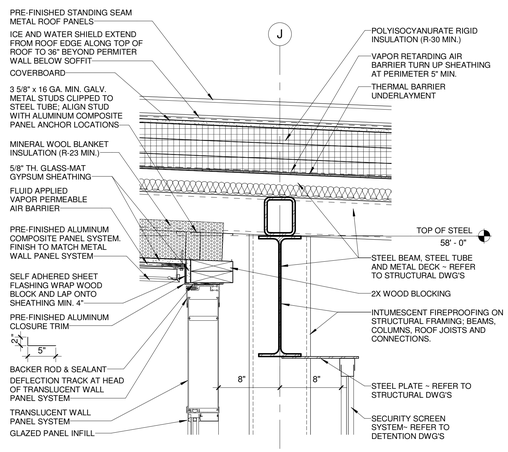

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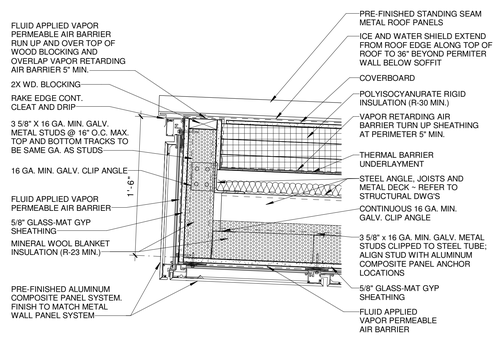

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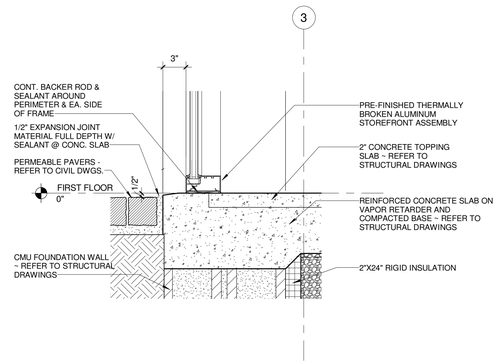

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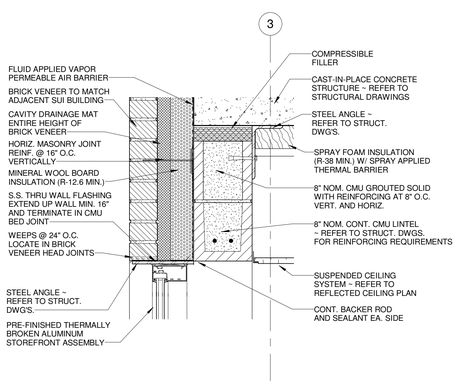

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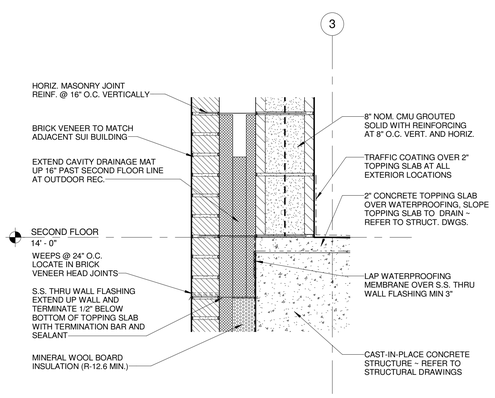

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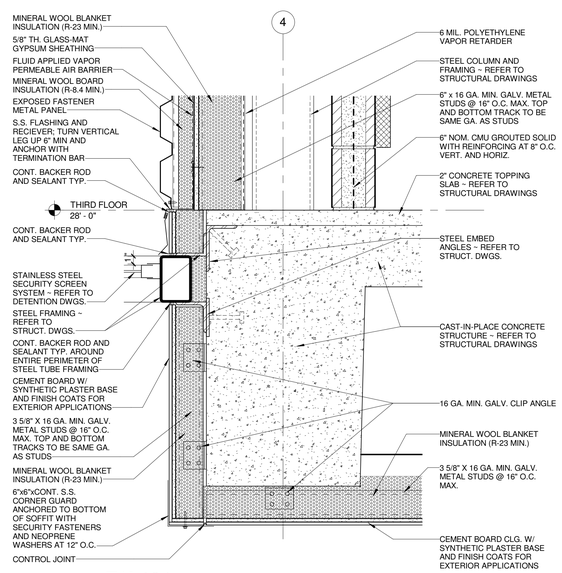
Scale: 1 1/2" = 1'-0"



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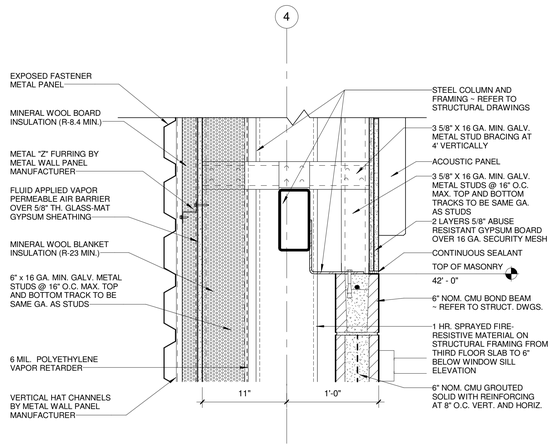

A1 E/A401
Scale: 1 1/2" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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SIDHU ASSOCIATES, INC.
Consulting Engineers
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PHONE (410) 329-1115

TERRALOGOS
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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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KEY PLAN

SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

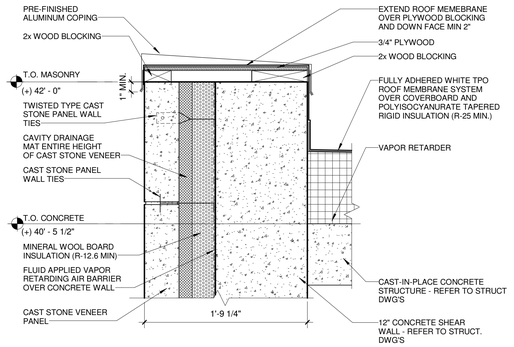
TITLE

CONSTRUCTION DETAILS

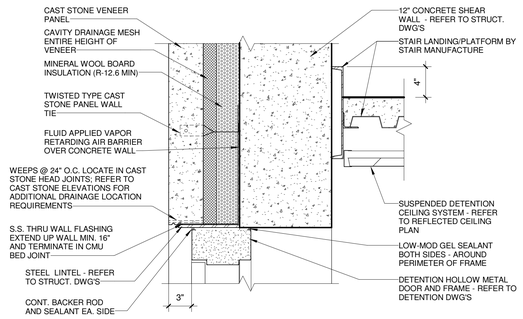
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A502

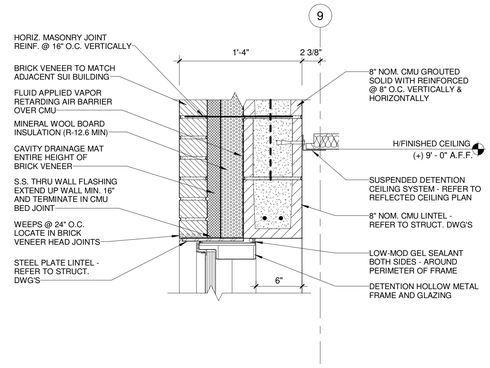
SHEET NO.



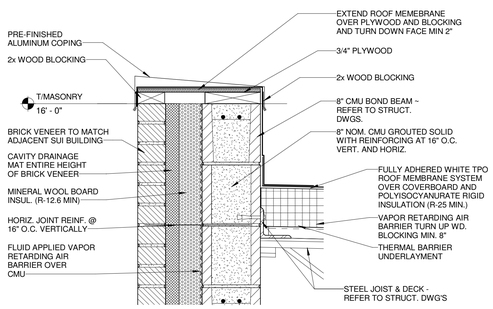
E6 G/A401
Scale: 1 1/2" = 1'-0"



E5 G/A401
Scale: 1 1/2" = 1'-0"



E3 M/A402
Scale: 1 1/2" = 1'-0"



E2 K/A402
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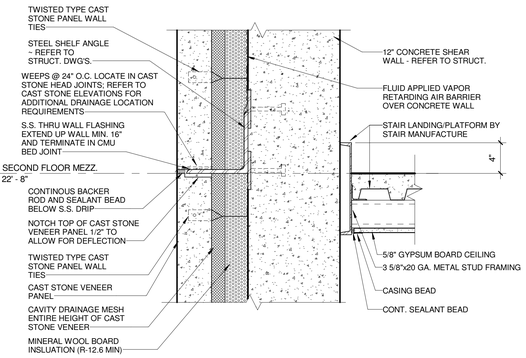
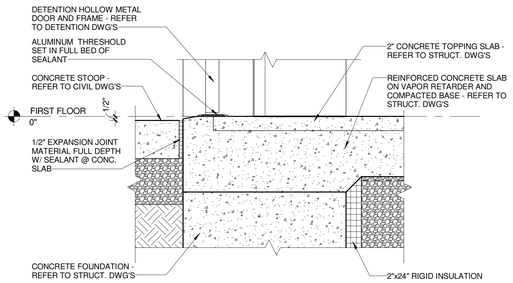
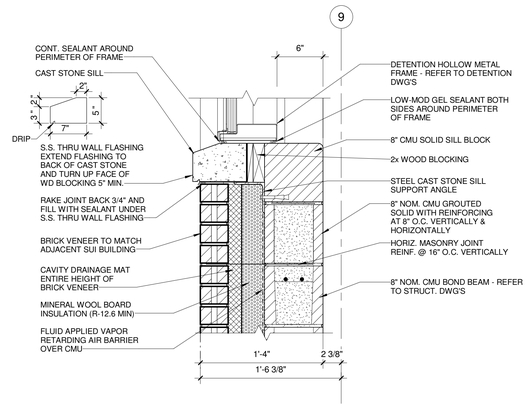


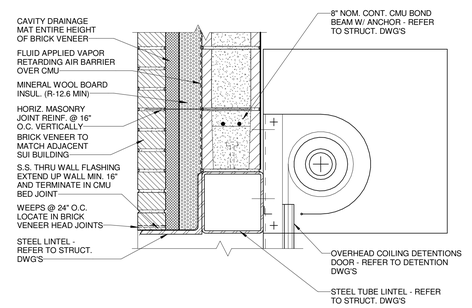
C6 G/401
Scale: 1 1/2" = 1'-0"



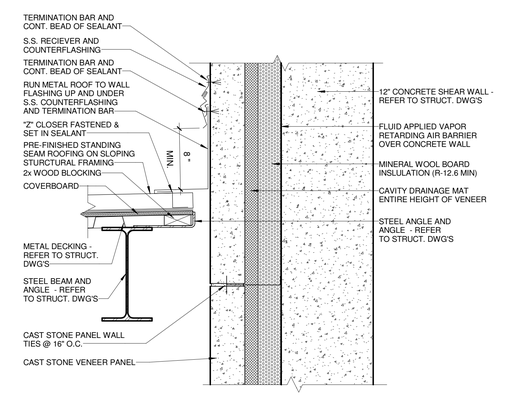
C5 G/A401
Scale: 1 1/2" = 1'-0"



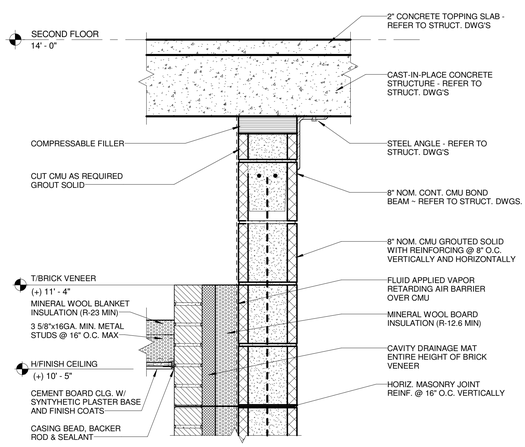
C3 M/A402
Scale: 1 1/2" = 1'-0"



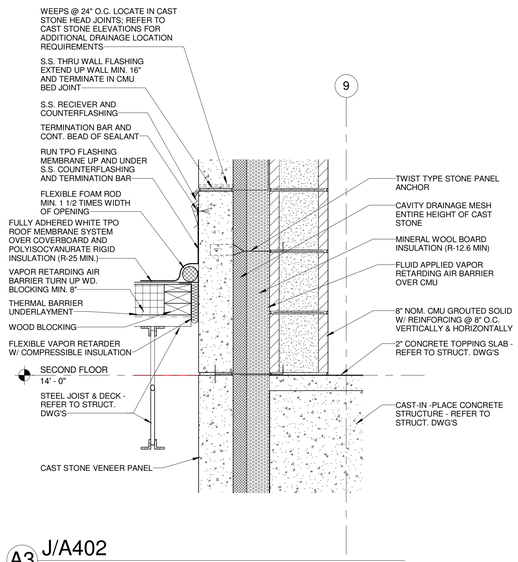
C2 L/A402
Scale: 1 1/2" = 1'-0"



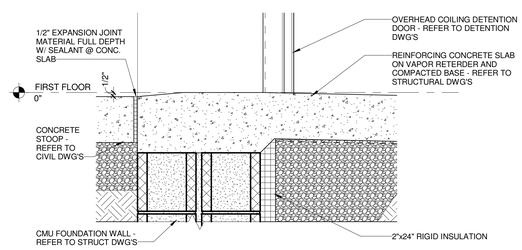
A6 G/A401
Scale: 1 1/2" = 1'-0"



A5 H/A402
Scale: 1 1/2" = 1'-0"



A3 J/A402
Scale: 1 1/2" = 1'-0"



A2 L/A402
Scale: 1 1/2" = 1'-0"

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KEY PLAN

SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

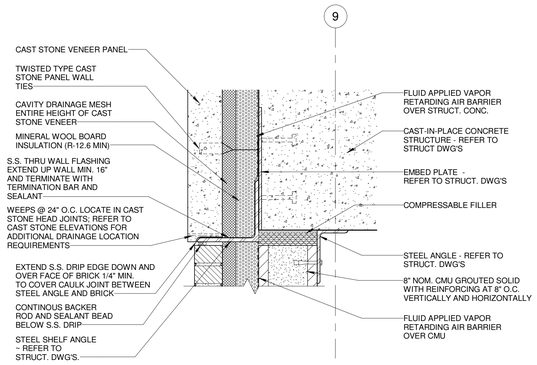
TITLE

CONSTRUCTION DETAILS

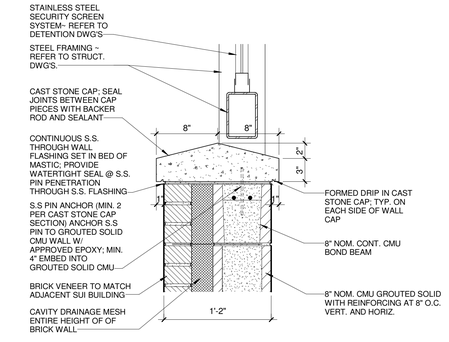
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A503

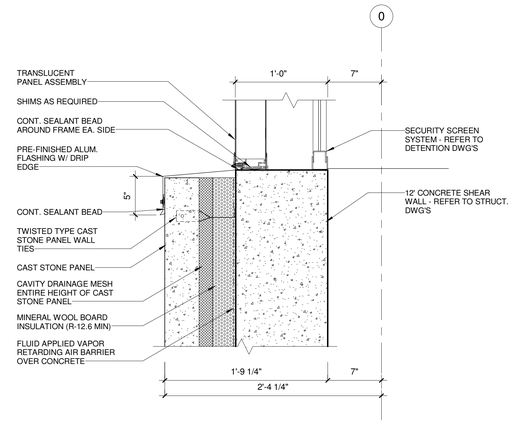
SHEET NO.



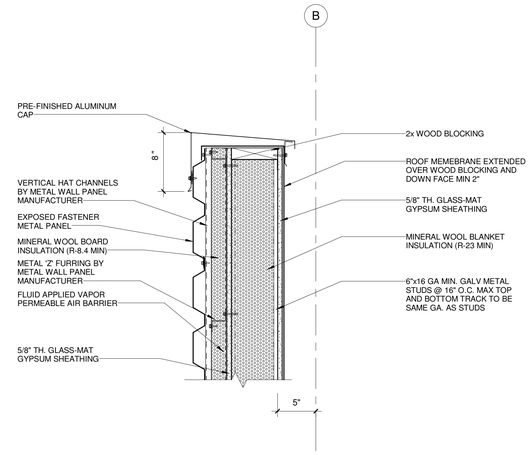
E6 M/A402
Scale: 1 1/2" = 1'-0"



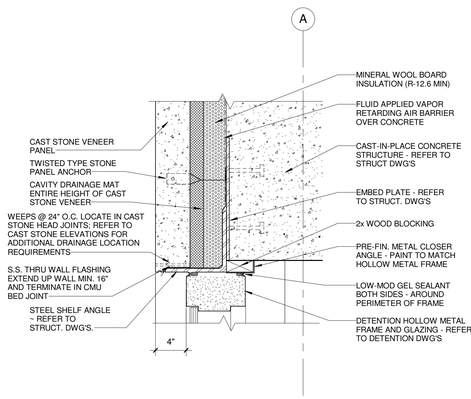
E5 P/A403
Scale: 1 1/2" = 1'-0"



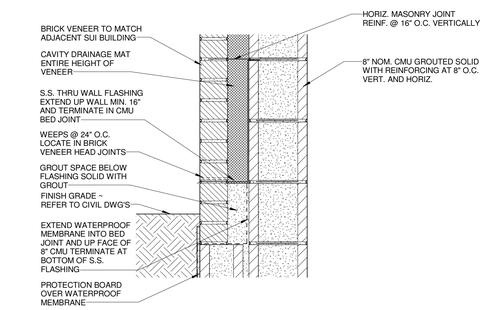
E3 Q/A403
Scale: 1 1/2" = 1'-0"



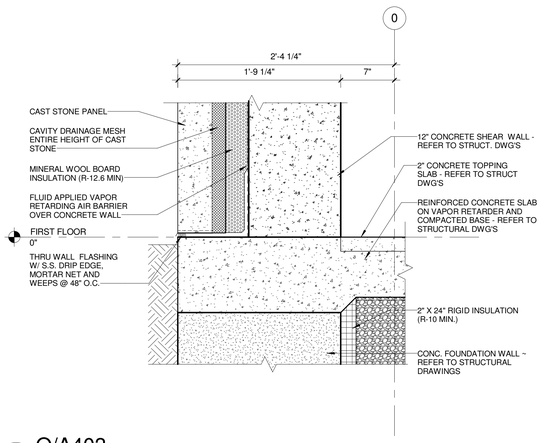
E2 R/A403
Scale: 1 1/2" = 1'-0"



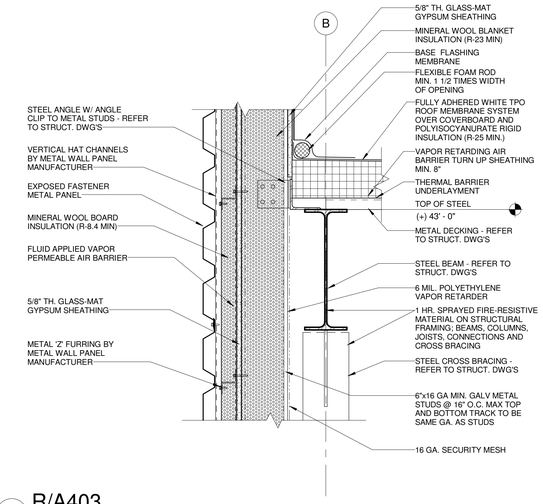
C6 N/A403
Scale: 1 1/2" = 1'-0"



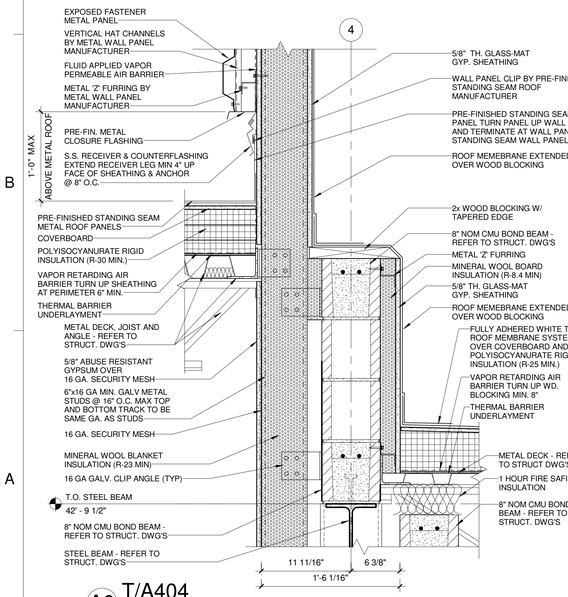
C5 P/A403
Scale: 1 1/2" = 1'-0"



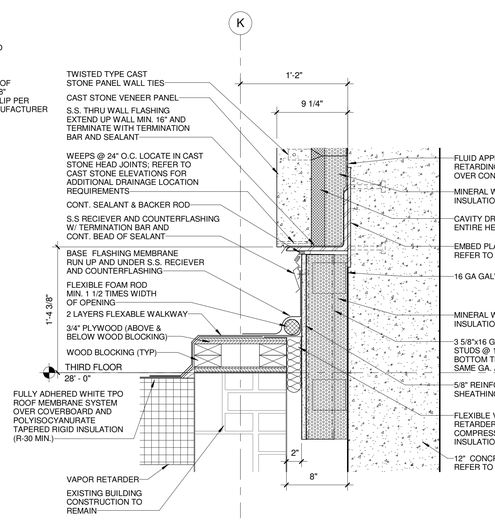
C3 Q/A403
Scale: 1 1/2" = 1'-0"



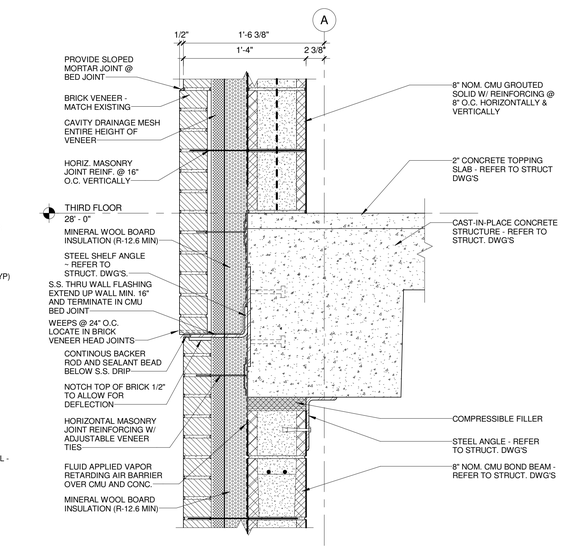
C2 R/A403
Scale: 1 1/2" = 1'-0"



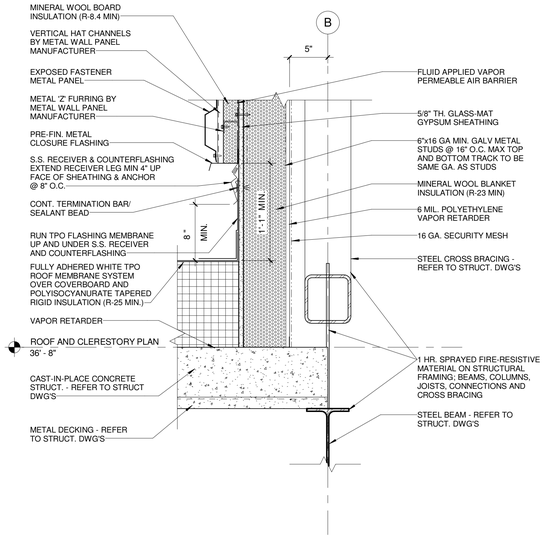
A6 T/A404
Scale: 1 1/2" = 1'-0"



A5 V/A404
Scale: 1 1/2" = 1'-0"



A3 R/A403
Scale: 1 1/2" = 1'-0"



A2 R/A403
Scale: 1 1/2" = 1'-0"

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KEY PLAN

SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

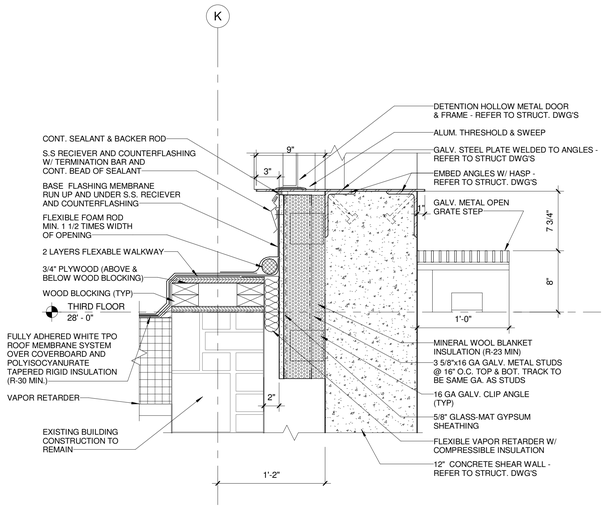
TITLE

CONSTRUCTION DETAILS

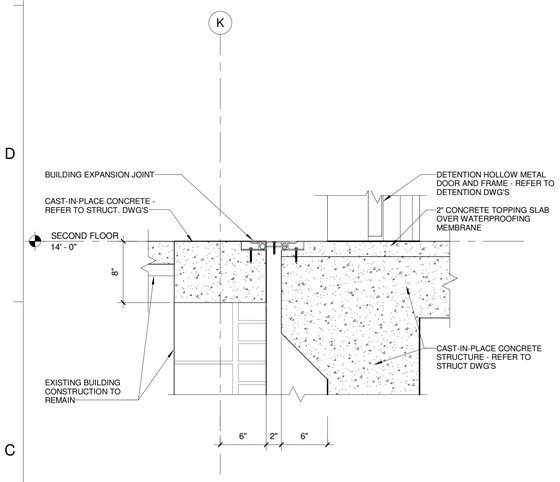
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A504

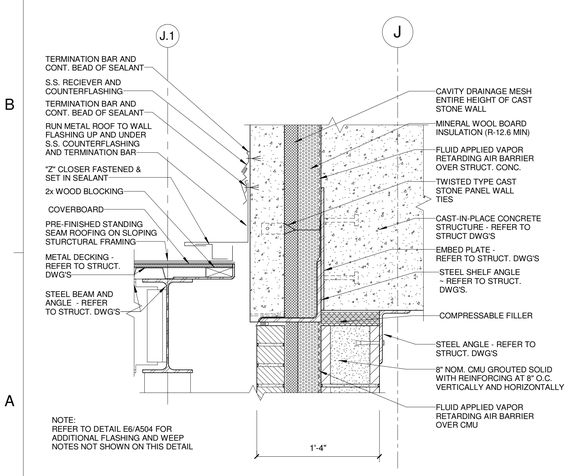
SHEET NO.



E6 U/A404
Scale: 1 1/2" = 1'-0"

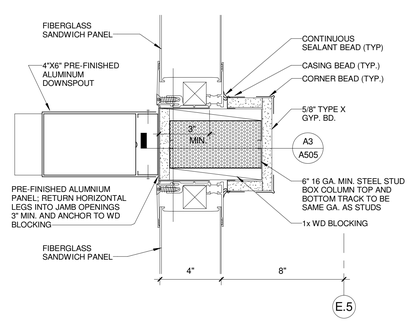


C6 U/A404
Scale: 1 1/2" = 1'-0"



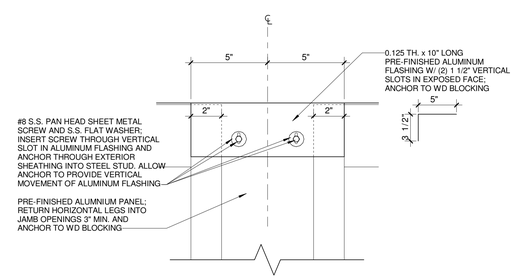
NOTE:
REFER TO DETAIL E6/A504 FOR ADDITIONAL FLASHING AND WEEP NOTES NOT SHOWN ON THIS DETAIL

A6 W/A405
Scale: 1 1/2" = 1'-0"

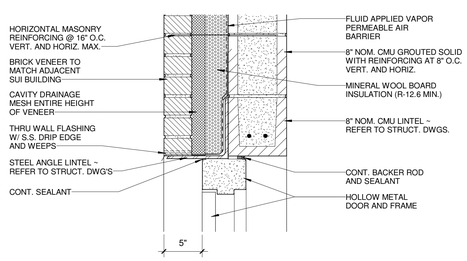


NOTE: NO DOWNSPOUT AT SIM. CONDITION

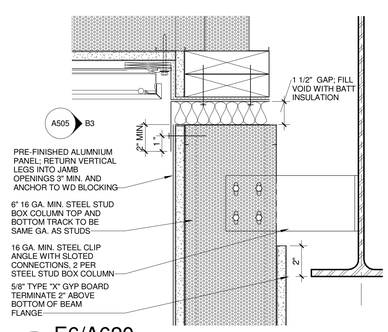
B4 3/A620
Scale: 3" = 1'-0"



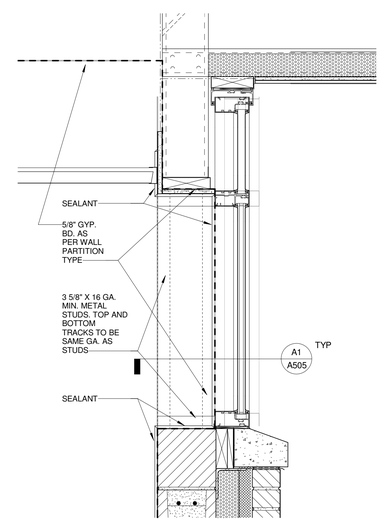
B3 CLOSURE PLATE ELEVATION
Scale: 3" = 1'-0"



A4 H/A402
Scale: 1 1/2" = 1'-0"



A3 E6/A620
Scale: 3" = 1'-0"



A2 A4/A582
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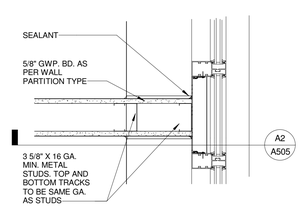

A1 1/AP110A, A2/A505
Scale: 1 1/2" = 1'-0"

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
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CHECKED BY	KAF
DATE	2-5-2015

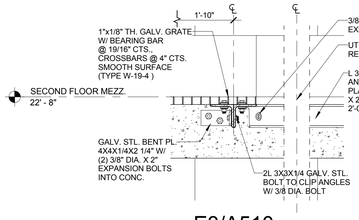
TITLE

CONSTRUCTION DETAILS

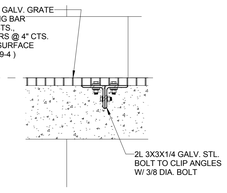
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A505

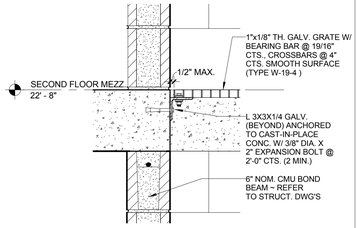
SHEET NO.



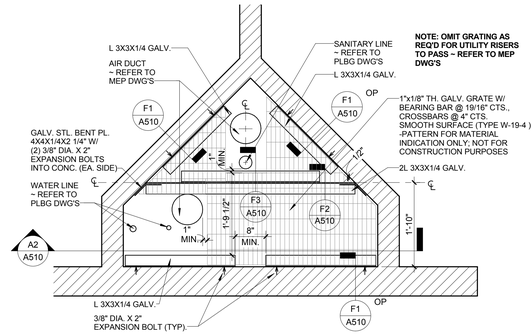
F3 E3/A510
Scale: 1 1/2" = 1'-0"



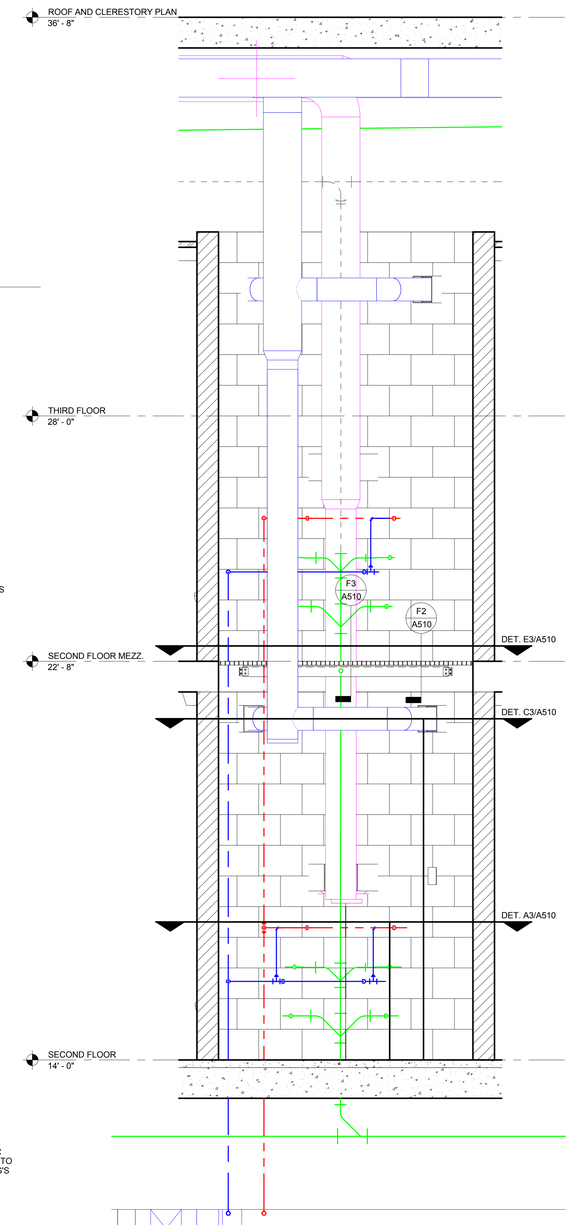
F2 E3/A510
Scale: 1 1/2" = 1'-0"

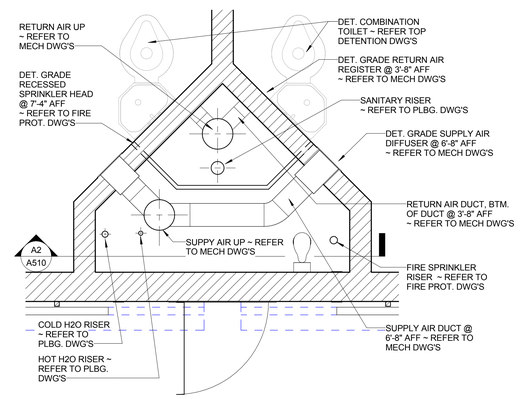


F1 E3/A510
Scale: 1 1/2" = 1'-0"

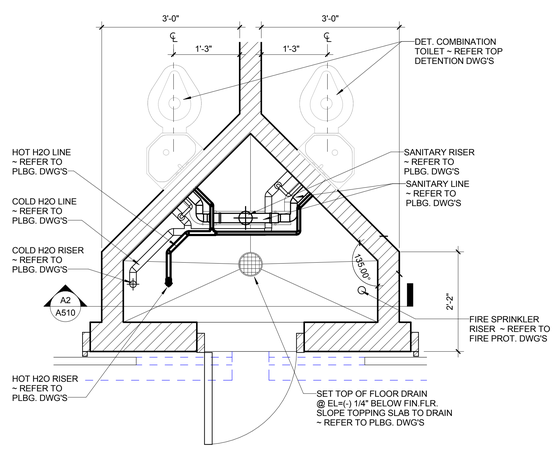


E3 TYP. CELL CHASE - FLR. GRATING @ MEZZ
Scale: 3/4" = 1'-0" 3/A201





C3 TYP. CELL CHASE - LAYOUT @ 7-6" A.F.F.
Scale: 3/4" = 1'-0" 2/A201



A3 TYP. CELL CHASE - LAYOUT @ 3'-0" A.F.F.
Scale: 3/4" = 1'-0" 2/A201

A2 CHASE WALL SECTION (TYP.) 2/A201
Scale: 3/4" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
INDUSTRY PARK DR. SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS
ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEGIN STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	CDR
DATE	2-5-2015

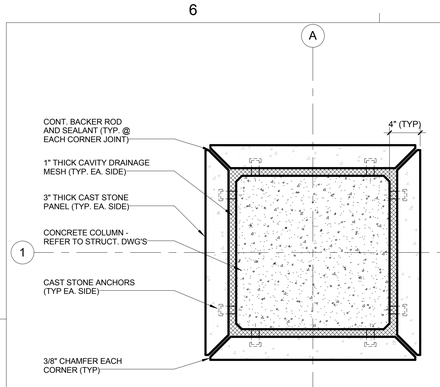
TITLE

CONSTRUCTION DETAILS

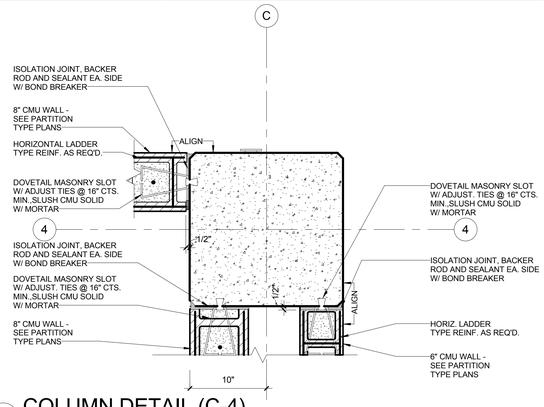
PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

A510

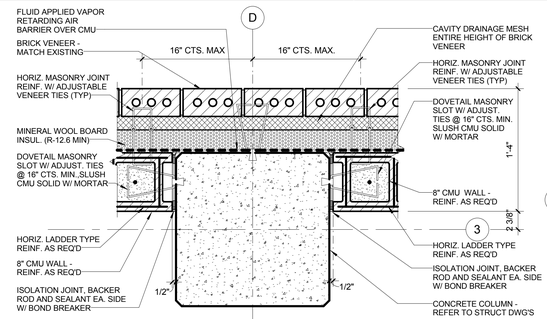
SHEET NO.



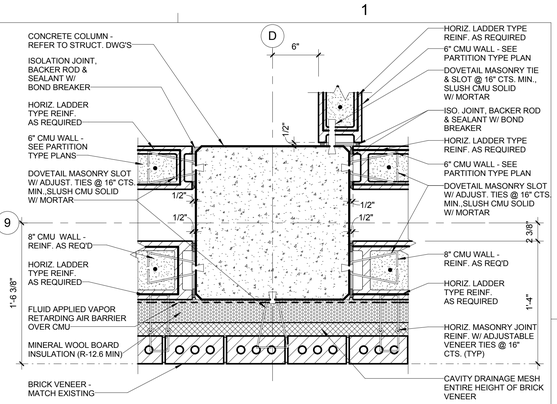
E6 COLUMN DETAIL(A-1)
Scale: 1 1/2" = 1'-0" 2/A200



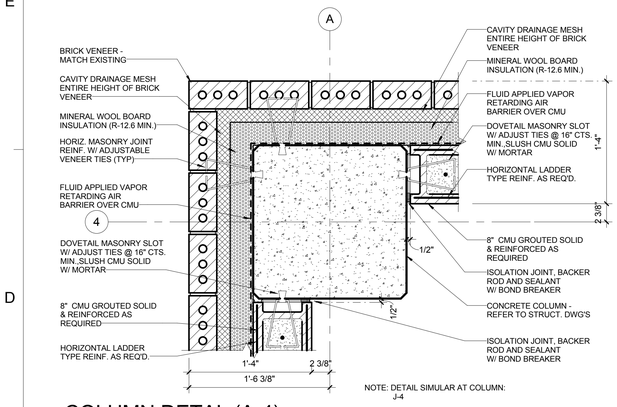
E5 COLUMN DETAIL (C-4)
Scale: 1 1/2" = 1'-0" 2/A200



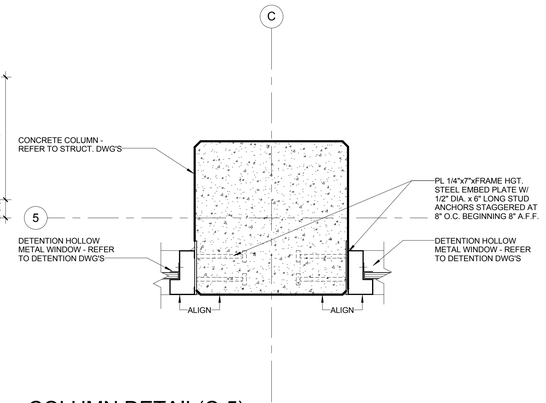
E3 COLUMN DETAIL (D-3)
Scale: 1 1/2" = 1'-0" 3/A200 1/AP120A, 1/A201, 2/A201



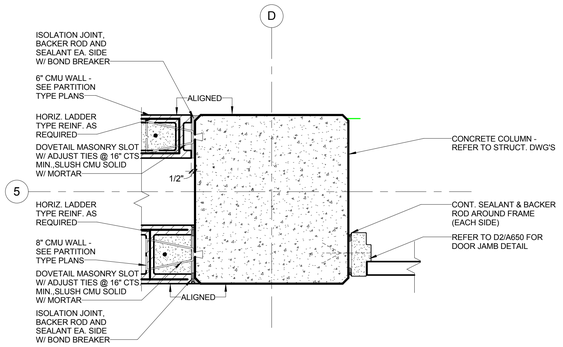
E2 COLUMN DETAIL (D-9)
Scale: 1 1/2" = 1'-0" 1/A200



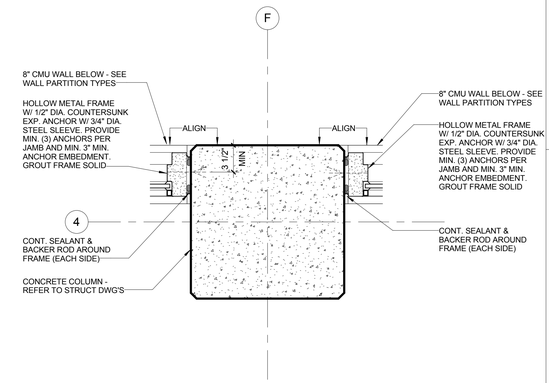
D6 COLUMN DETAL (A-4)
Scale: 1 1/2" = 1'-0" 2/A200 1/AP110A



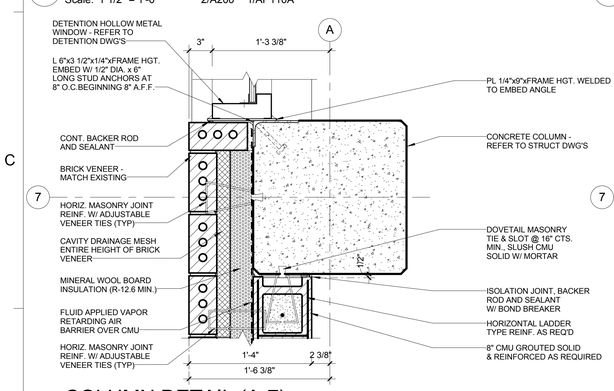
D5 COLUMN DETAIL(C-5)
Scale: 1 1/2" = 1'-0" 2/A200



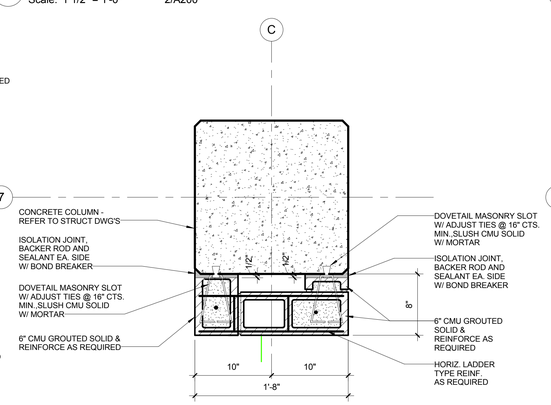
D3 COLUMN DETAIL (D-5)
Scale: 1 1/2" = 1'-0" 3/A200 2/A201



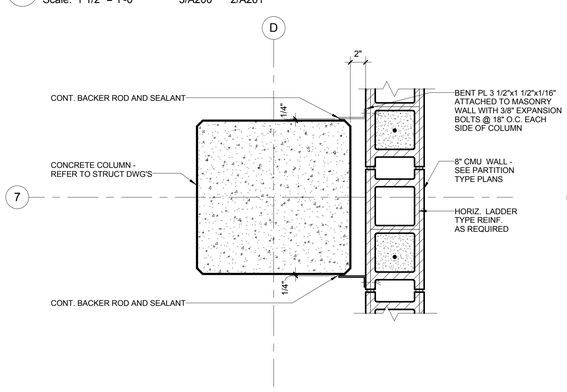
D2 COLUMN DETAIL (F-4)
Scale: 1 1/2" = 1'-0" 3/A200



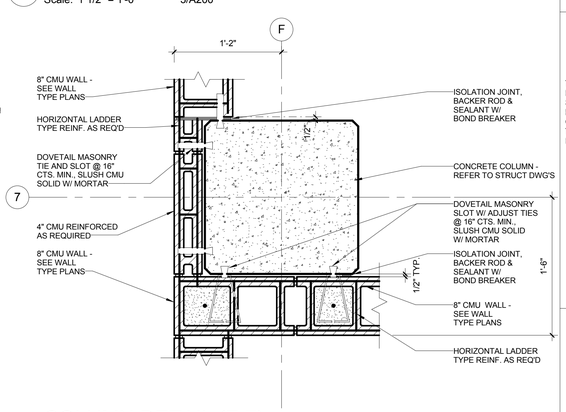
B6 COLUMN DETAIL (A-7)
Scale: 1 1/2" = 1'-0" 1/A200



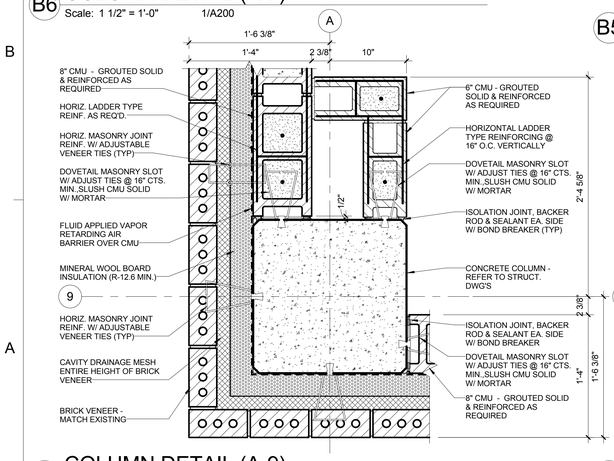
B5 COLUMN DETAIL (C-7)
Scale: 1 1/2" = 1'-0" 1/A200



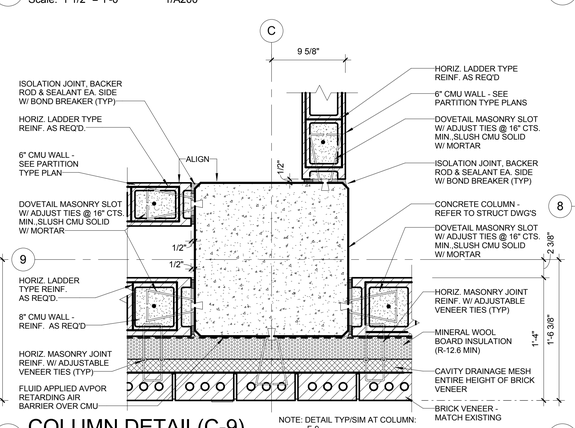
B3 COLUMN DETAIL (D-7)
Scale: 1 1/2" = 1'-0" 1/A200



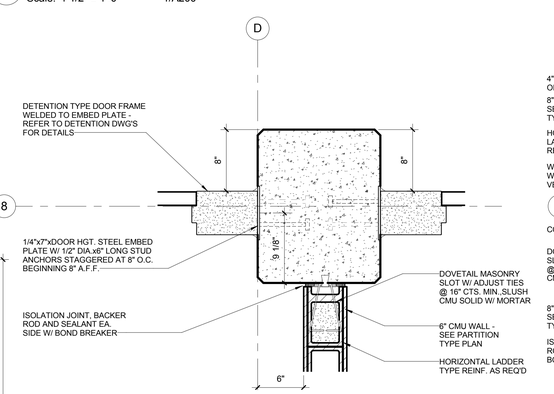
B2 COLUMN DETAIL (F-7)
Scale: 1 1/2" = 1'-0" 1/A200



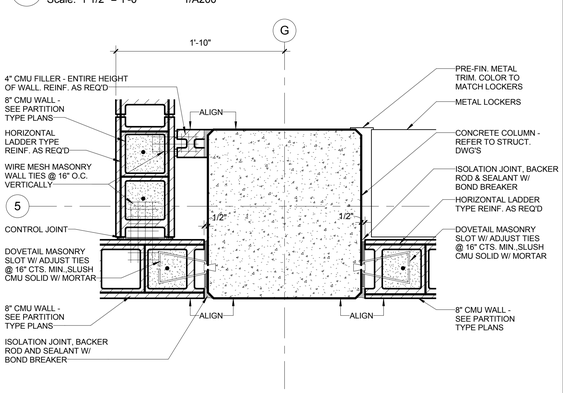
A6 COLUMN DETAIL (A-9)
Scale: 1 1/2" = 1'-0" 1/A200



A5 COLUMN DETAIL(C-9)
Scale: 1 1/2" = 1'-0" 1/A200



A3 COLUMN DETAIL (D-8)
Scale: 1 1/2" = 1'-0" 1/A200



A2 COLUMN DETAIL (G-5)
Scale: 1 1/2" = 1'-0" 3/A200

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SIDHU ASSOCIATES, INC. Consulting Engineers
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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGIE STATE OF MARYLAND

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KEY PLAN

SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

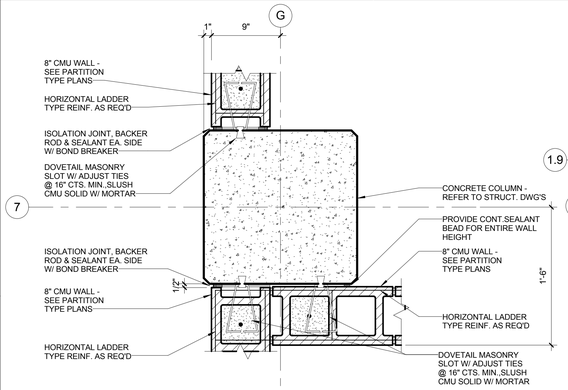
TITLE

CONSTRUCTION DETAILS

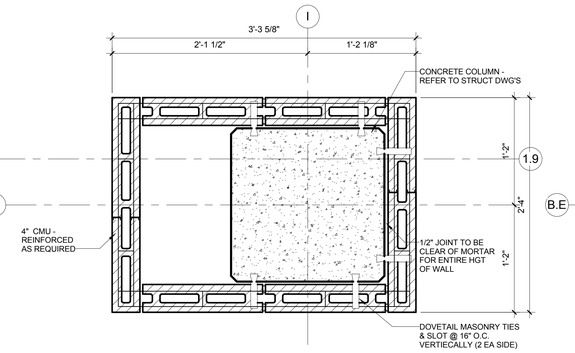
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A520

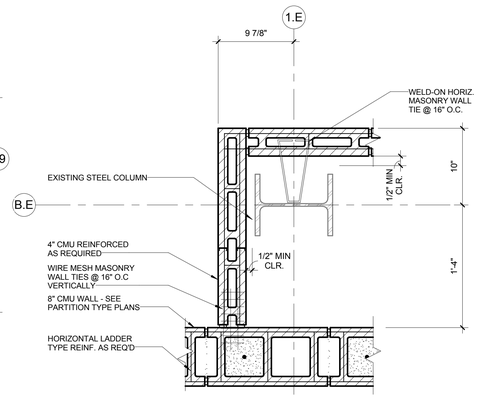
SHEET NO.



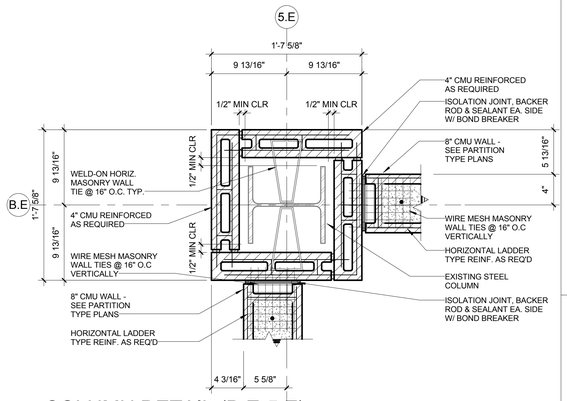
E6 COLUMN DETAIL (G-7)
Scale: 1 1/2" = 1'-0" 6/A204



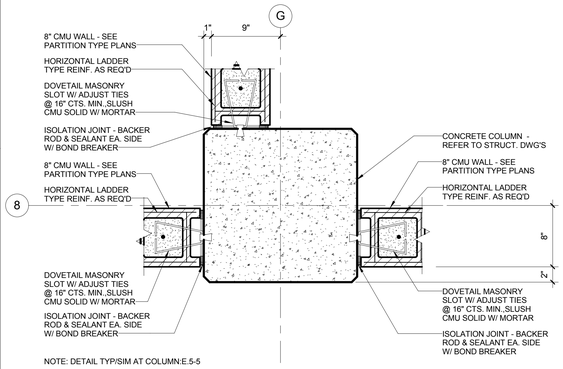
E5 COLUMN DETAIL (I-2)
Scale: 1 1/2" = 1'-0" 1/AP110A



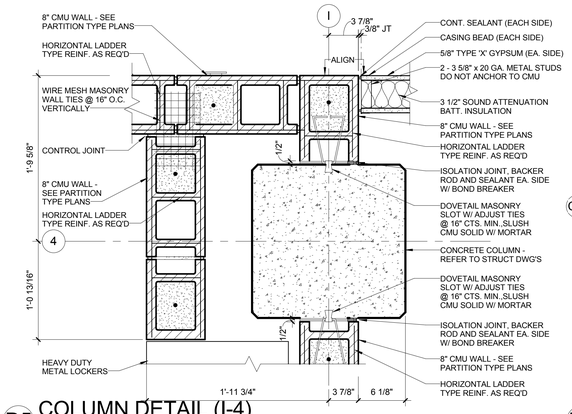
E3 COLUMN DETAIL (B.E-1.E)
Scale: 1 1/2" = 1'-0" 1/A202



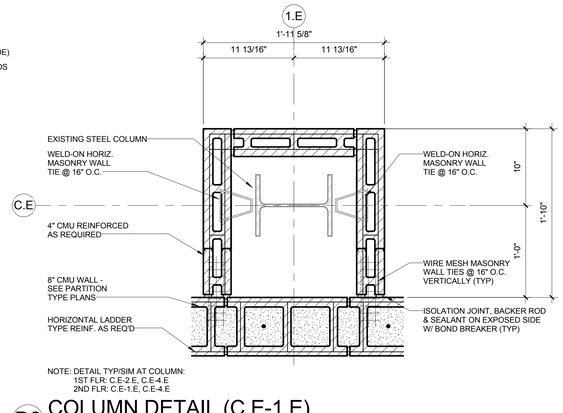
E2 COLUMN DETAIL (B.E-5.E)
Scale: 1 1/2" = 1'-0" 1/A202



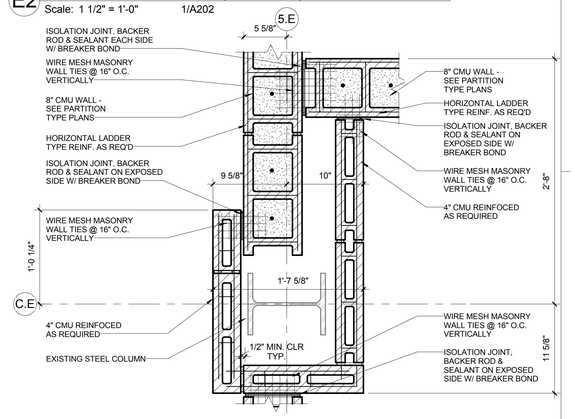
D6 COLUMN DETAIL (G-8)
Scale: 1 1/2" = 1'-0" 3/A200 6/A204



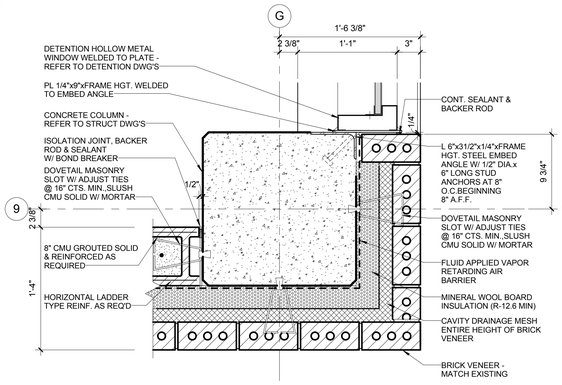
D5 COLUMN DETAIL (I-4)
Scale: 1 1/2" = 1'-0" 4/A200



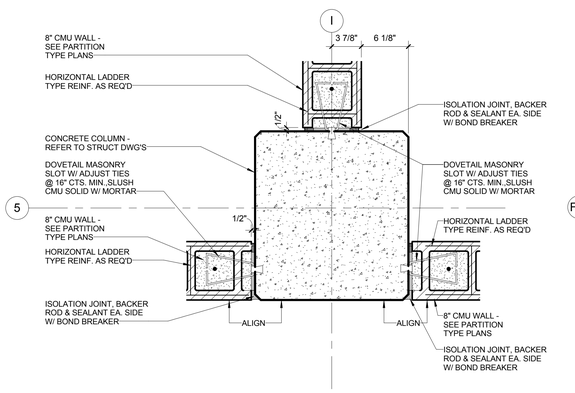
D3 COLUMN DETAIL (C.E-1.E)
Scale: 1 1/2" = 1'-0" 1/A202 5/A203



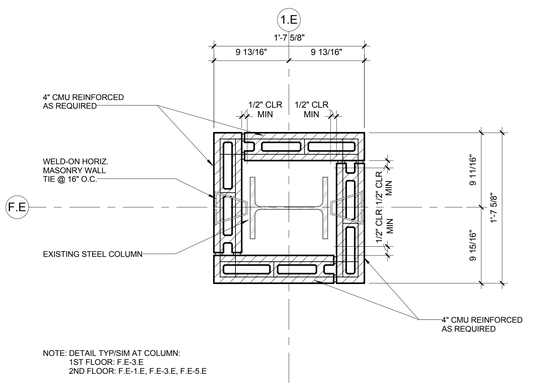
D2 COLUMN DETAIL (C.E-5.E)
Scale: 1 1/2" = 1'-0" 1/A202



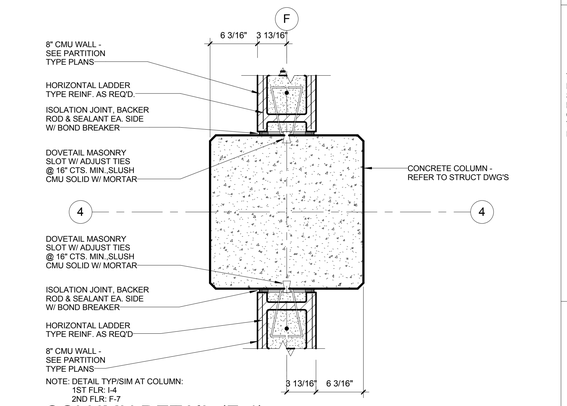
B6 COLUMN DETAIL (G-9)
Scale: 1 1/2" = 1'-0" 6/A204



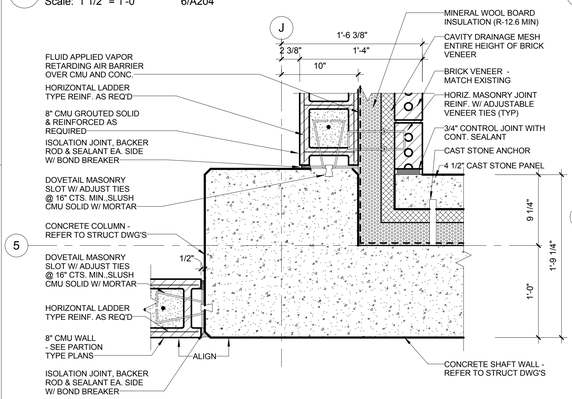
B5 COLUMN DETAIL (I-5)
Scale: 1 1/2" = 1'-0" 4/A200



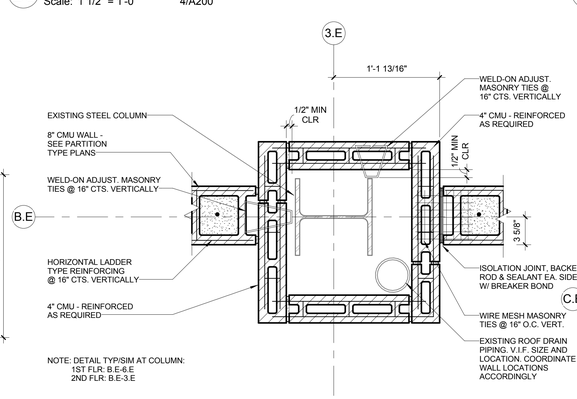
B3 COLUMN DETAIL (F.E-1.E)
Scale: 1 1/2" = 1'-0" 3/A203 1/A205 1/AP120B



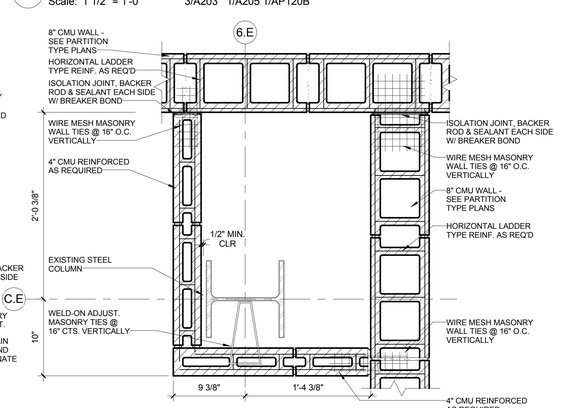
B2 COLUMN DETAIL (F-4)
Scale: 1 1/2" = 1'-0" 3/A204 1/AP120A



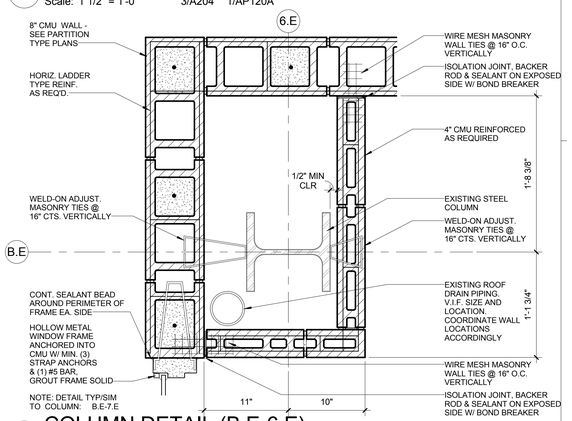
A6 COLUMN DETAIL (J-5)
Scale: 1 1/2" = 1'-0" 1/A201 1/AP110A



A5 COLUMN DETAIL (B.E-3.E)
Scale: 1 1/2" = 1'-0" 1/A202 5/A203



A3 COLUMN DETAIL (C.E-6.E)
Scale: 1 1/2" = 1'-0" 1/A202



A2 COLUMN DETAIL (B.E-6.E)
Scale: 1 1/2" = 1'-0" 1/AP120B

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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KEY PLAN

SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

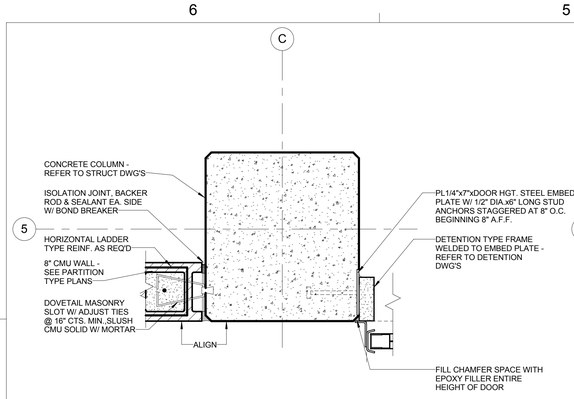
TITLE

CONSTRUCTION DETAILS

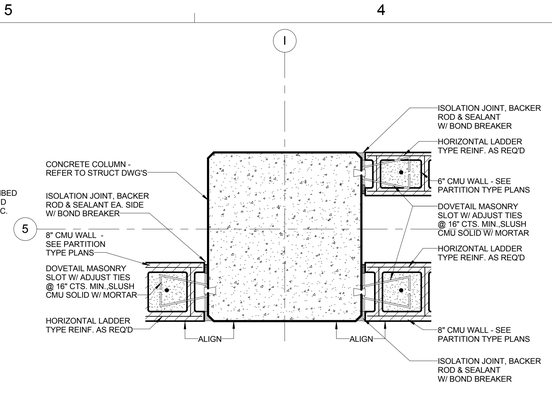
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A521

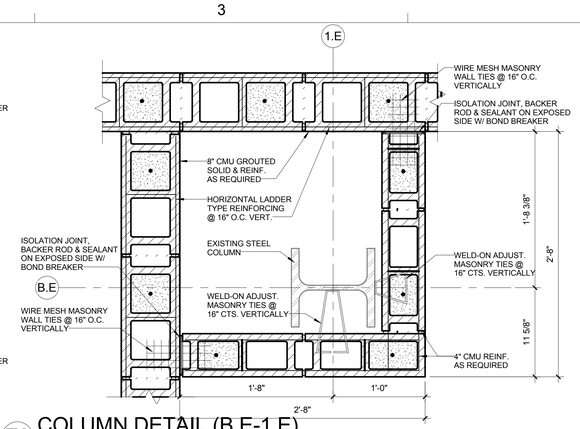
SHEET NO.



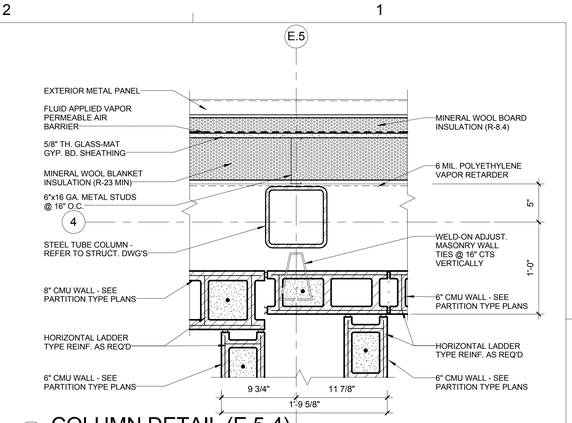
E6 COLUMN DETAIL (C-5)
Scale: 1 1/2" = 1'-0" 2/A201



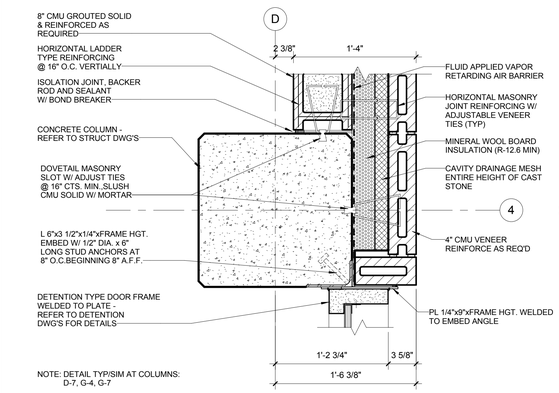
E5 COLUMN DETAIL (I-5)
Scale: 1 1/2" = 1'-0" 1/A201



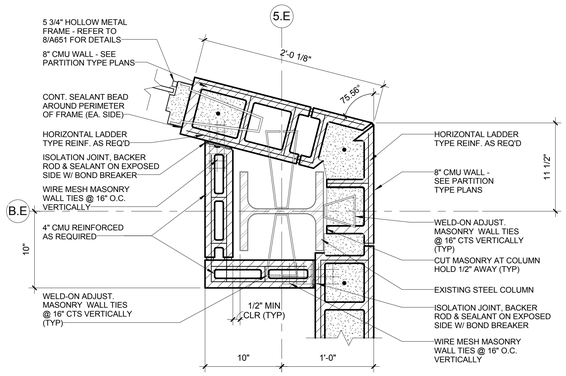
E3 COLUMN DETAIL (B.E-1.E)
Scale: 1 1/2" = 1'-0" 5/A203



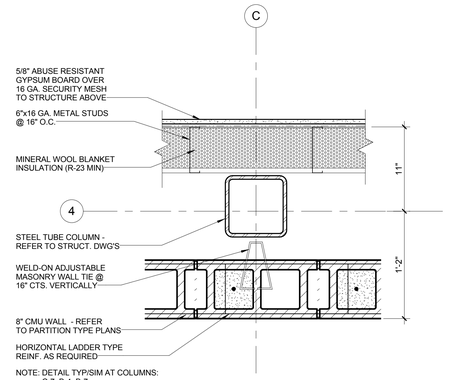
E2 COLUMN DETAIL (E.5-4)
Scale: 1 1/2" = 1'-0" 7/A204



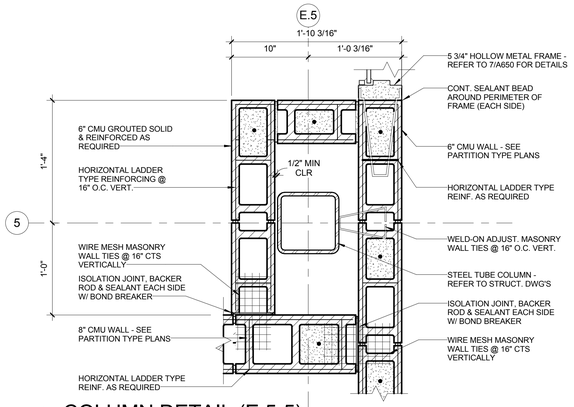
D6 COLUMN DETAIL (D-4)
Scale: 1 1/2" = 1'-0" 1/A201 2/A201 1/AP120A



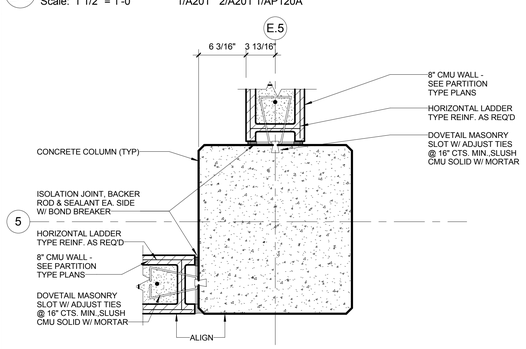
D5 COLUMN DETAIL (B.E-5.E)
Scale: 1 1/2" = 1'-0" 5/A203



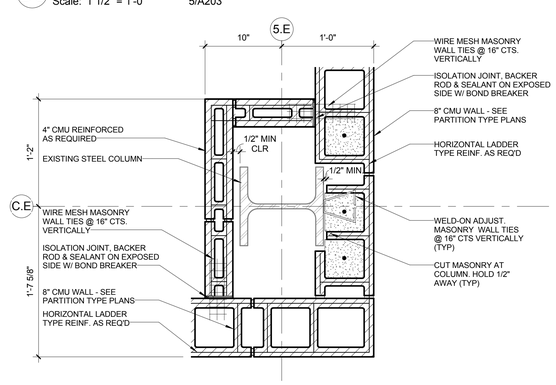
D3 COLUMN DETAIL (C-4)
Scale: 1 1/2" = 1'-0" 1/AP130A



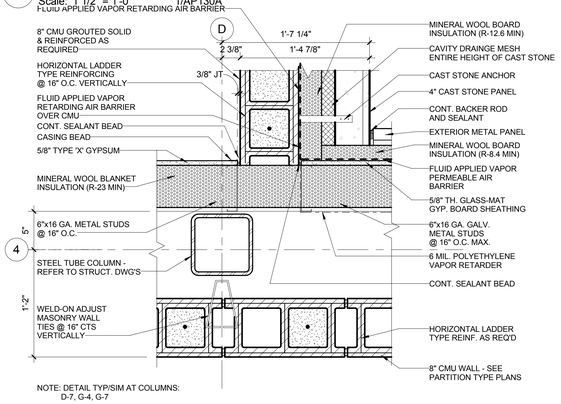
D2 COLUMN DETAIL (E.5-5)
Scale: 1 1/2" = 1'-0" 7/A204



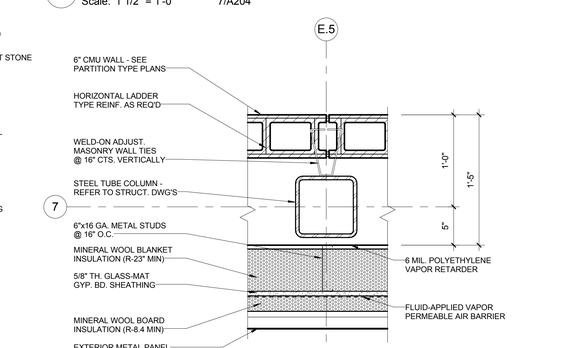
B6 COLUMN DETAIL (E.5-5)
Scale: 1 1/2" = 1'-0" 6/A204 1/AP120A



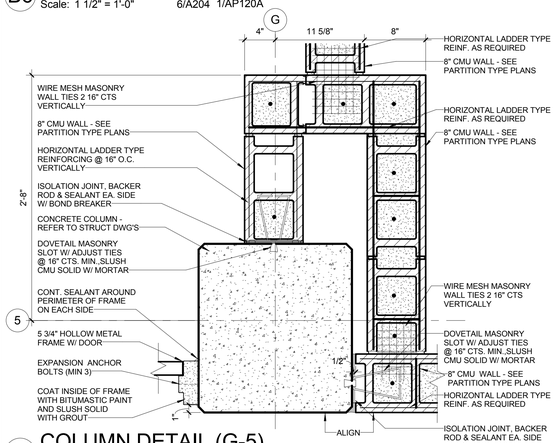
B5 COLUMN DETAIL (C.E-5.E)
Scale: 1 1/2" = 1'-0" 5/A203



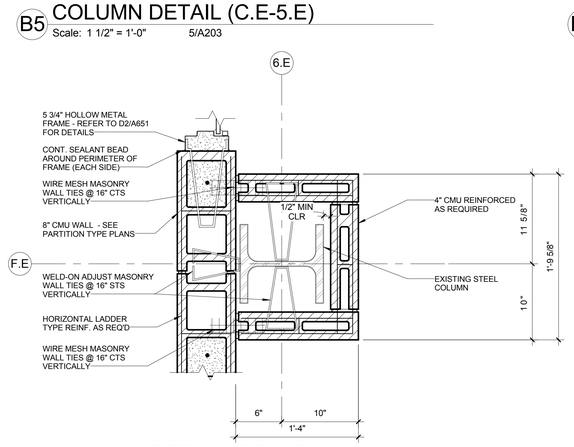
B3 COLUMN DETAIL (D-4)
Scale: 1 1/2" = 1'-0" 7/A204 1/AP130A



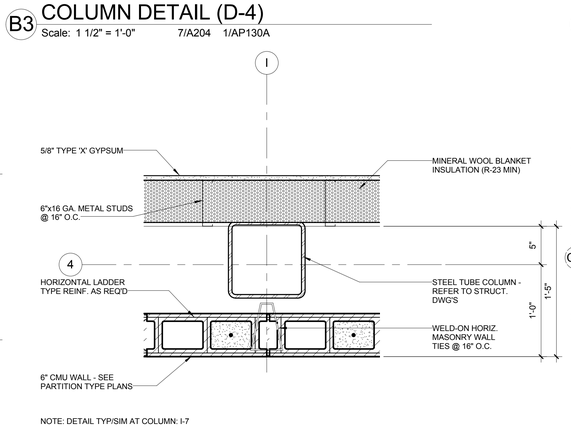
B2 COLUMN DETAIL (E.5-7)
Scale: 1 1/2" = 1'-0" 7/A204



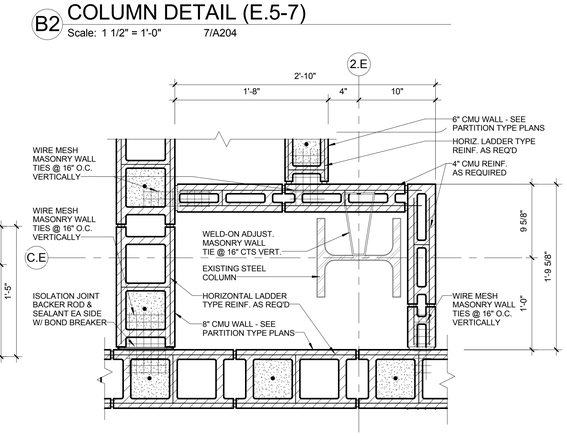
A6 COLUMN DETAIL (G-5)
Scale: 1 1/2" = 1'-0" 1/A201



A5 COLUMN DETAIL (F.E-6.E)
Scale: 1 1/2" = 1'-0" 1/A203



A3 COLUMN DETAIL (I-4)
Scale: 1 1/2" = 1'-0" 7/A204



A2 COLUMN DETAIL (C.E-2.E)
Scale: 1 1/2" = 1'-0" 5/A203

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND

SEAL
ARCHITECT 13814 JAMES L. BEIGIE STATE OF MARYLAND

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KEY PLAN

SCALE
1 1/2" = 1'-0"

No.	Description	Date

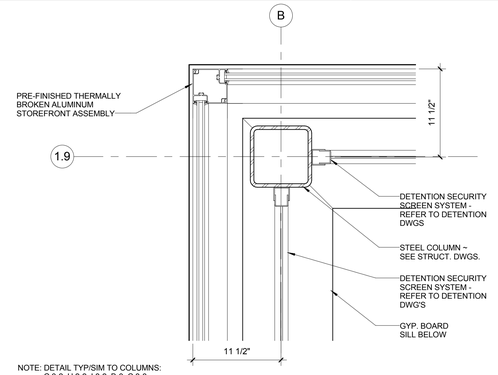
REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

TITLE
CONSTRUCTION DETAILS

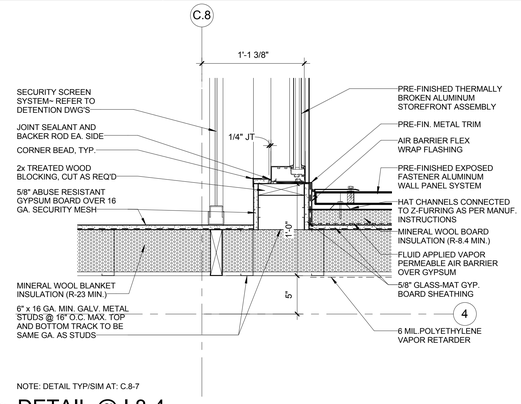
PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

A522
SHEET NO.



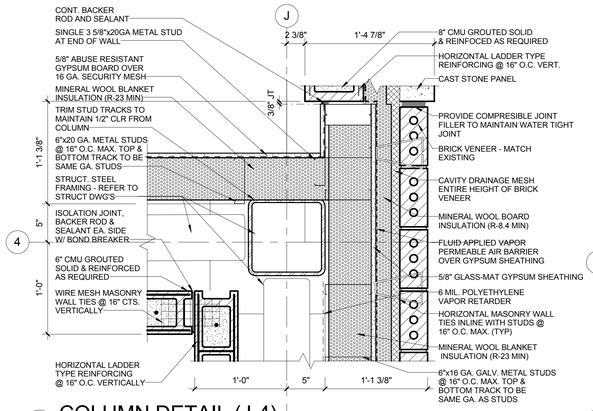
NOTE: DETAIL TYP/SIM TO COLUMNS: C.8-2, H.2-2, I.8-2, B-8, C.8-8 H.2-8, I.8-8

E3 COLUMN DETAIL (B-2)
Scale: 1 1/2" = 1'-0" 1/AP140A

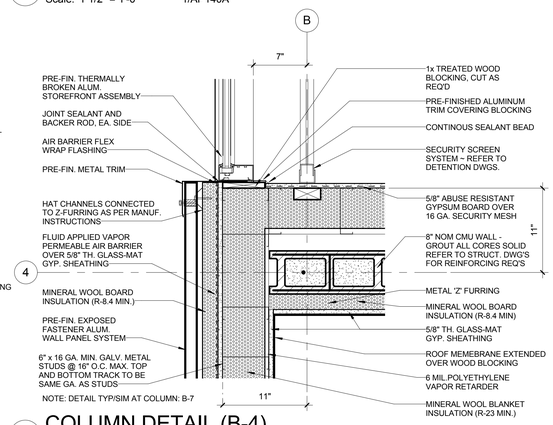


NOTE: DETAIL TYP/SIM AT: C.8-7

E2 DETAIL @ I.8-4
Scale: 1 1/2" = 1'-0" 1/AP140A

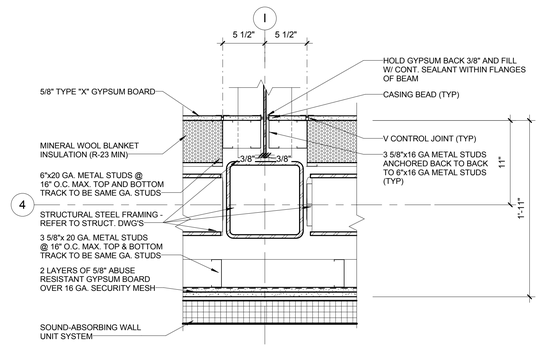


D5 COLUMN DETAIL (J-4)
Scale: 1 1/2" = 1'-0" 7/A204



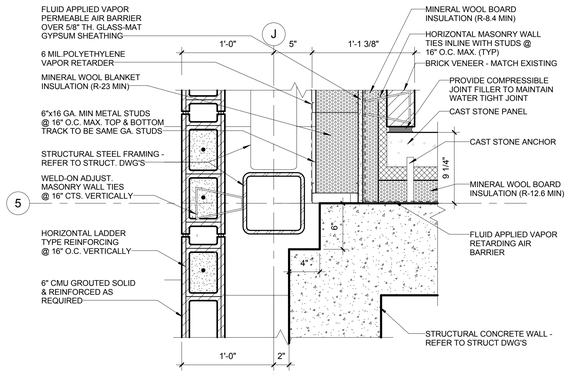
NOTE: DETAIL TYP/SIM AT COLUMN: B-7

D3 COLUMN DETAIL (B-4)
Scale: 1 1/2" = 1'-0" 1/AP140A

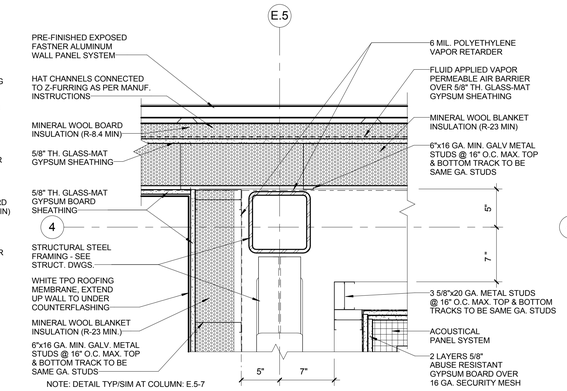


NOTE: DETAIL TYP/SIM AT COLUMN: I-7

D2 COLUMN DETAIL (I-4)
Scale: 1 1/2" = 1'-0" 1/AP140A

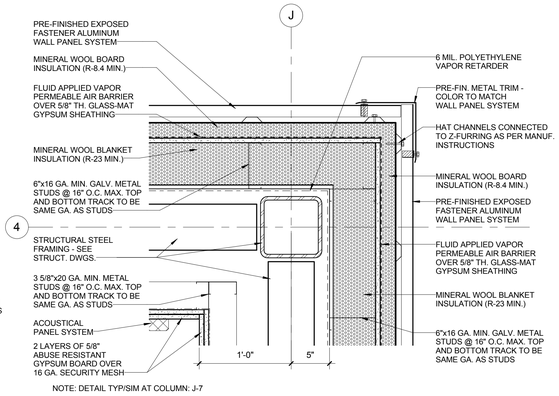


B5 COLUMN DETAIL (J-5)
Scale: 1 1/2" = 1'-0" 7/A204



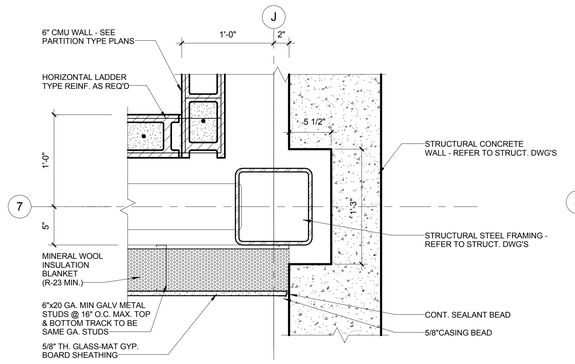
NOTE: DETAIL TYP/SIM AT COLUMN: E.5-7

B3 COLUMN DETAIL (E.5-4)
Scale: 1 1/2" = 1'-0" 1/AP140A

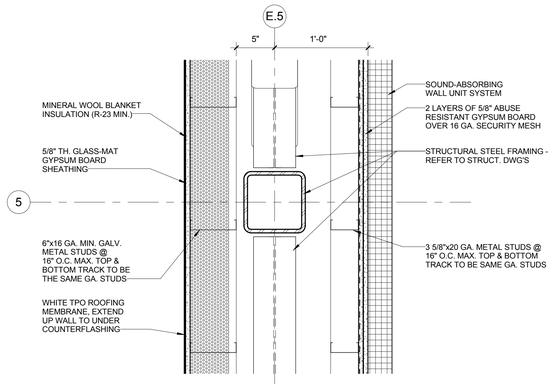


NOTE: DETAIL TYP/SIM AT COLUMN: J-7

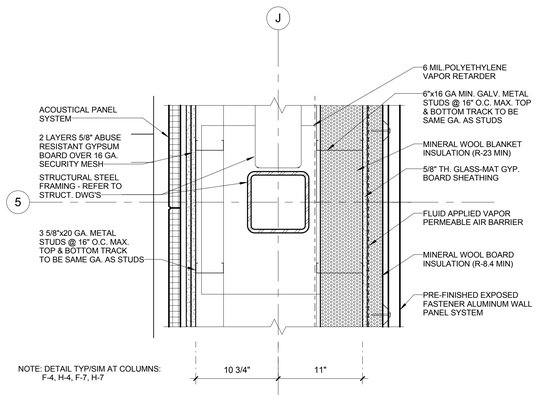
B2 COLUMN DETAIL (J-4)
Scale: 1 1/2" = 1'-0" 1/AP140A



A5 COLUMN DETAIL (J-7)
Scale: 1 1/2" = 1'-0" 7/A204



A3 COLUMN DETAIL (E.5-5)
Scale: 1 1/2" = 1'-0" 1/AP140A



NOTE: DETAIL TYP/SIM AT COLUMNS: F-4, H-4, F-7, H-7

A2 COLUMN DETAIL (J-5)
Scale: 1 1/2" = 1'-0" 1/AP140A

A JOINT-VENTURE BETWEEN
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EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
INDUSTRY PARK DR. SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS ECO ARCHITECTURE PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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KEY PLAN

SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

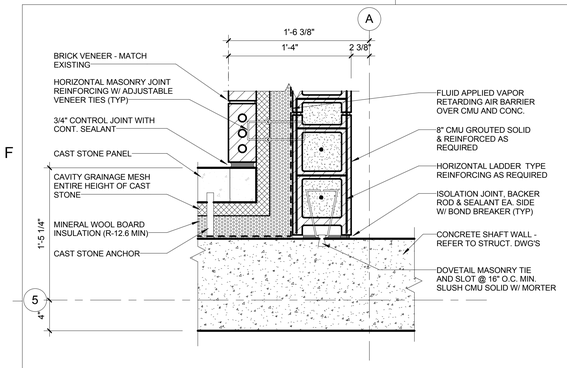
TITLE

CONSTRUCTION DETAILS

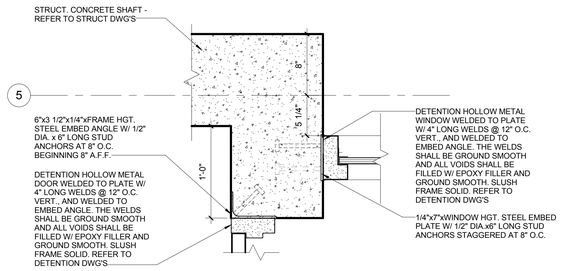
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A523

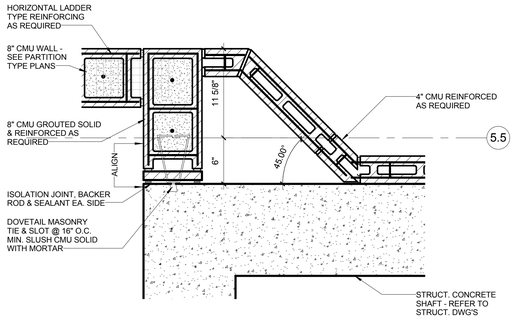
SHEET NO.



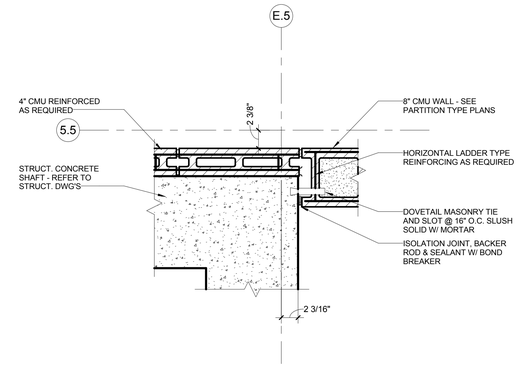
E6 DETAIL @ STAIR A (11.1.1)
Scale: 1 1/2" = 1'-0" 1/A200 2/A200 2/A201 1/A120A



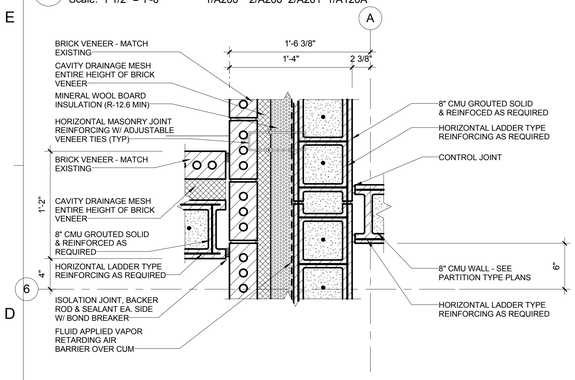
E5 DETAIL @ STAIR A (11.1.1)
Scale: 1 1/2" = 1'-0" 2/A200



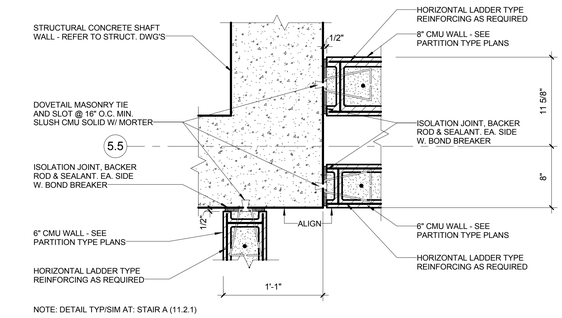
E3 DETAIL @ ELEV (11.1.7)
Scale: 1 1/2" = 1'-0" 1/A230



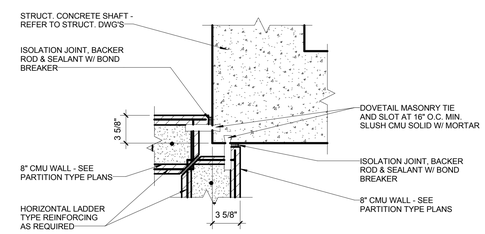
E2 DETAIL @ ELEV (11.1.7)
Scale: 1 1/2" = 1'-0" 1/A230



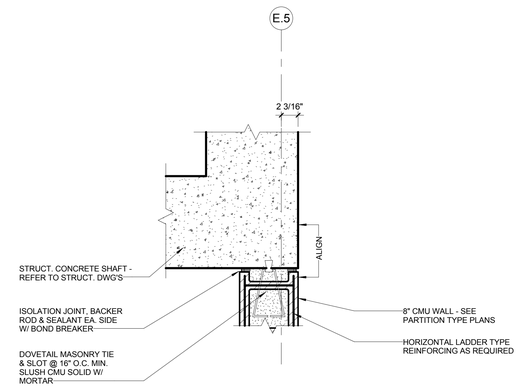
D6 DETAIL @ FM. OUT. REC. (10.8F)
Scale: 1 1/2" = 1'-0" 1/A200



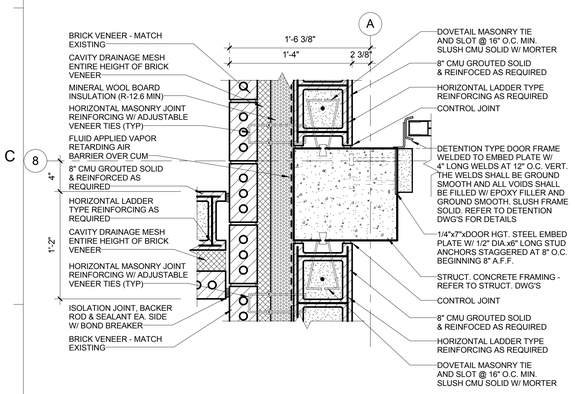
D5 DETAIL @ STAIR A (11.1.1)
Scale: 1 1/2" = 1'-0" 1/A200 1/A120A



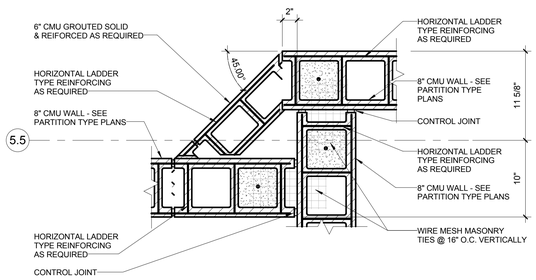
D3 DETAIL @ ELEV (11.1.7)
Scale: 1 1/2" = 1'-0" 2/A220



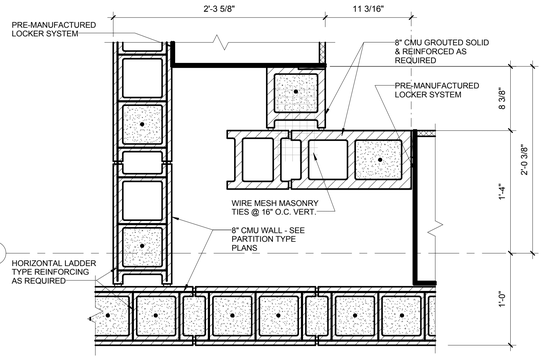
D2 DETAIL @ ELEV (11.1.7)
Scale: 1 1/2" = 1'-0" 1/A230



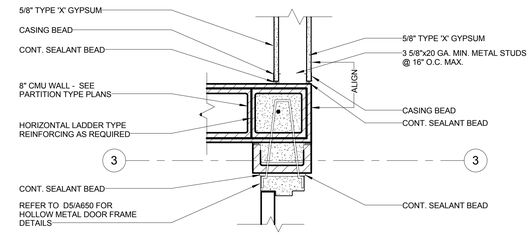
B6 DETAIL @ FM. OUT. REC. (10.8F)
Scale: 1 1/2" = 1'-0" 1/A200



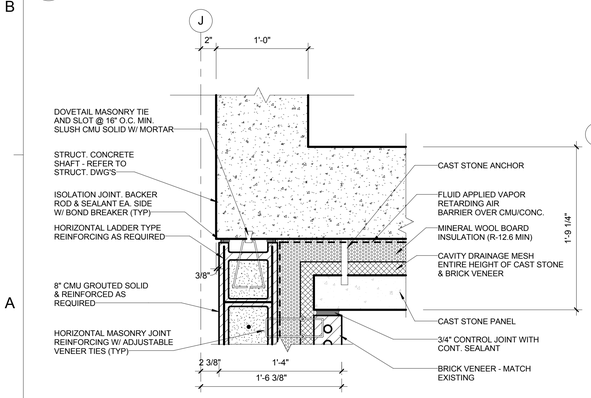
B5 DETAIL @ CASE MGR. OFFICE (2.11.1)
Scale: 1 1/2" = 1'-0" 1/A200



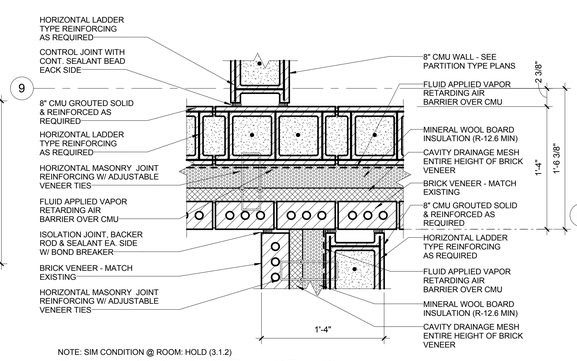
B3 DETAIL @ STAFF LOCKER (7.10)
Scale: 1 1/2" = 1'-0" 4/A200



B2 DETAIL @ CORR. (1.0)
Scale: 1 1/2" = 1'-0" 1/AP110A

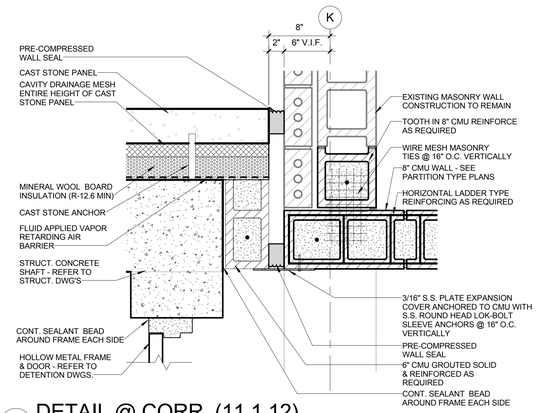


A6 DETAIL @ SUPPLY STOR. (11.5)
Scale: 1 1/2" = 1'-0" 6/A220



A5 DETAIL @BEDROOM (2F.1.9)
Scale: 1 1/2" = 1'-0" 1/A200 6/A204

A3 DETAIL @ STAFF LOCKER (7.10)
Scale: 1 1/2" = 1'-0"



A2 DETAIL @ CORR. (11.1.12)
Scale: 1 1/2" = 1'-0" 1/A202

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EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
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STATE OF MARYLAND - DPSCS
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KEY PLAN

SCALE
1 1/2" = 1'-0"

No.	Description	Date

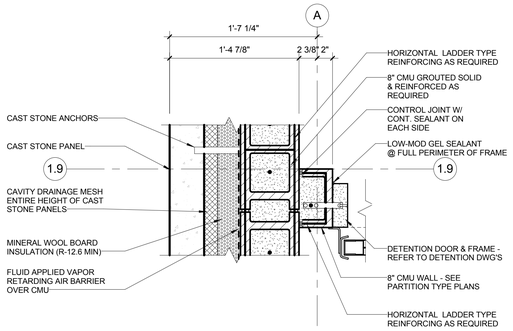
REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

TITLE
CONSTRUCTION DETAILS

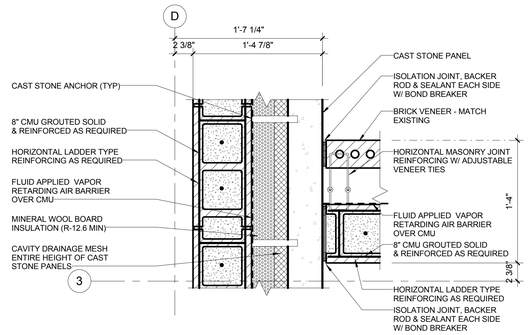
PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

A530
SHEET NO.



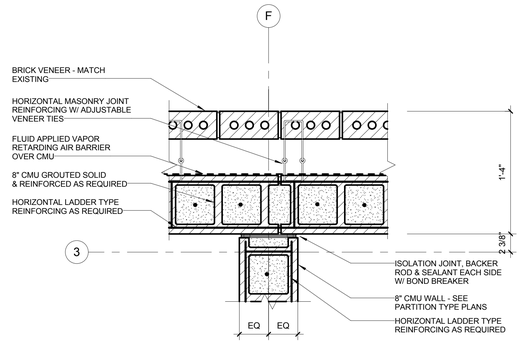
NOTE: DETAIL TYP/SIM AT:
ADA BEDROOMS: 2A.2, 2B.2, 2C.2, 2D.2
BEDROOMS: 2B.1.1, 2C.1.1, 2D.1.1

E6 DETAIL @ BEDROOM (2A.1.1)
Scale: 1 1/2" = 1'-0" 1/A201 2/A201 1/A120A

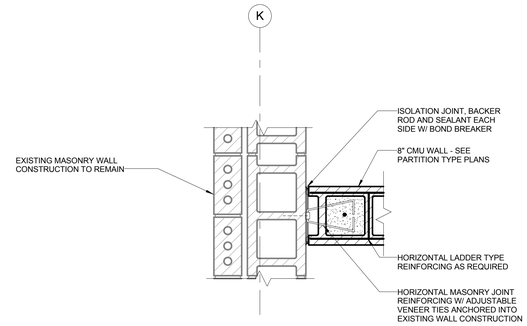


NOTE: DETAIL TYP/SIM AT ROOMS:
2B.3, 2C.3, 2D.3

E5 DETAIL @ DAYROOM (2A.3)
Scale: 1 1/2" = 1'-0" 1/A201 2/A201 1/A120A

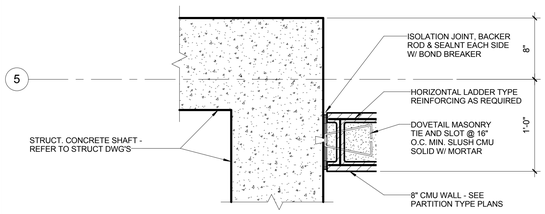


E3 DETAIL @ OUTDOOR REC (10.8A)
Scale: 1 1/2" = 1'-0" 1/AP120A

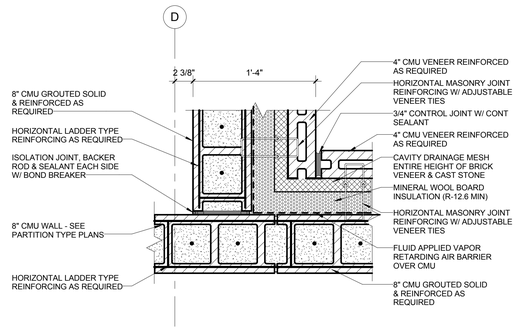


NOTE: DETAIL TYPICAL AT ALL LOCATIONS OF
A NEW MASONRY WALL MEETS EXISTING
MASONRY WALL UNLESS OTHERWISE NOTED

E2 DETAIL @ ASSESSMENT OFF. (9.6)
Scale: 1 1/2" = 1'-0" 5/A203

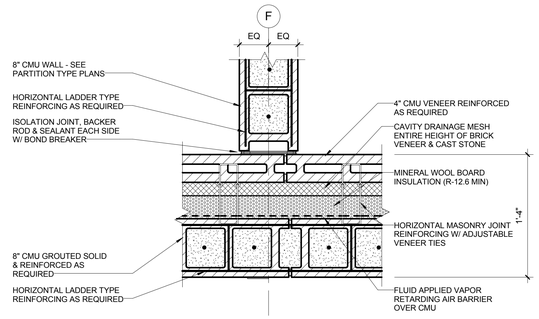


D6 DETAIL @ STAIR A (11.2.1)
Scale: 1 1/2" = 1'-0" 2/A201

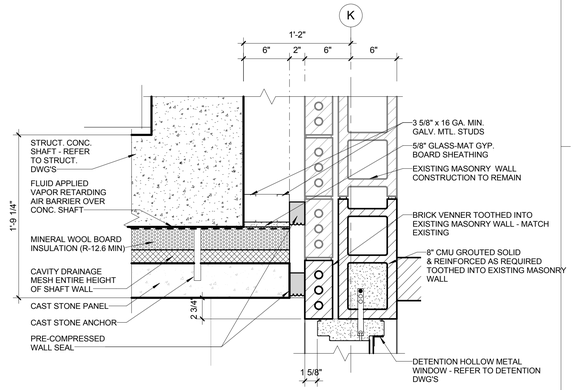


NOTE: DETAIL TYP/SIM AT ROOMS:
2B.3, 2C.3

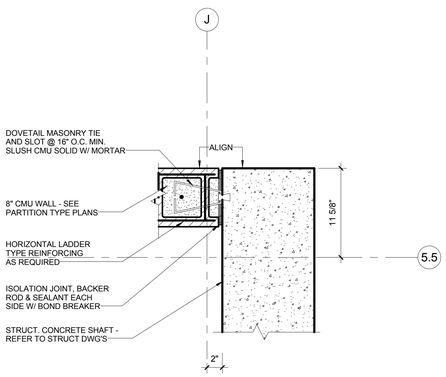
D5 DETAIL @ DAYROOM (2A.3)
Scale: 1 1/2" = 1'-0" 1/A201 2/A201 1/A120A



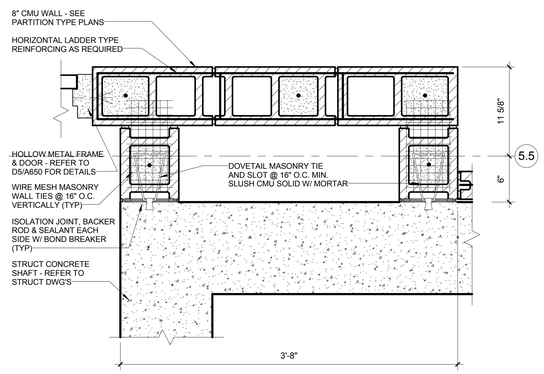
D3 DETAIL @ OUTDOOR REC (10.8B)
Scale: 1 1/2" = 1'-0" 1/AP120A



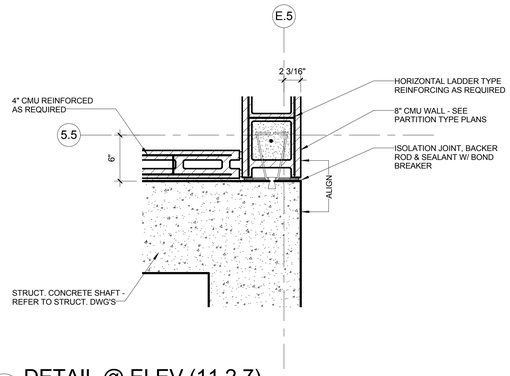
D2 DETAIL @ CORR. (11.2.14)
Scale: 1 1/2" = 1'-0" 1/A205



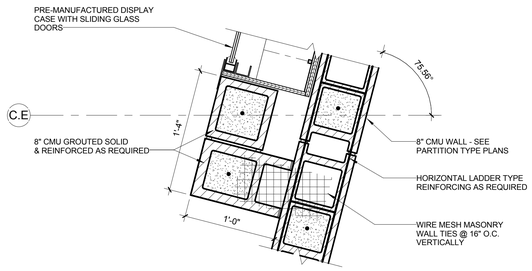
B6 DETAIL @ STAIR B (11.2.10)
Scale: 1 1/2" = 1'-0" 5/A220



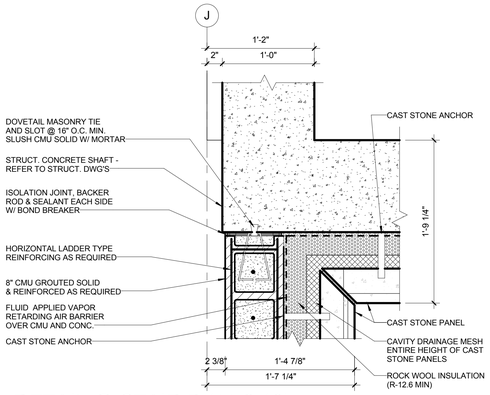
B5 DETAIL @ ELEV (11.2.7)
Scale: 1 1/2" = 1'-0" 2/A230



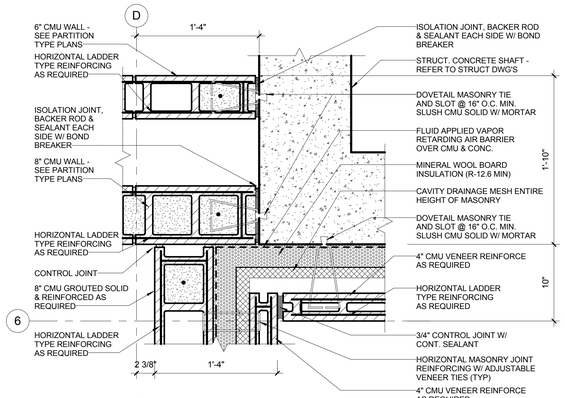
B3 DETAIL @ ELEV (11.2.7)
Scale: 1 1/2" = 1'-0" 2/A230



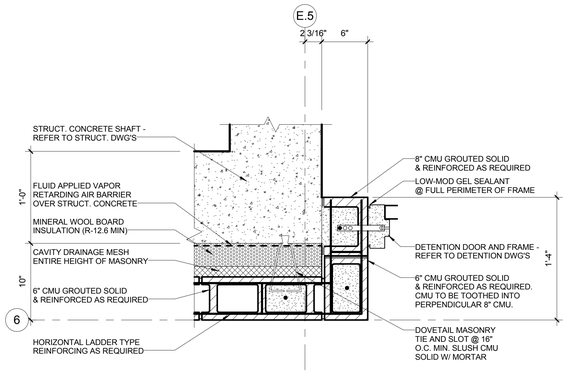
B2 TYP DETAIL @ DISPLAY CASES
Scale: 1 1/2" = 1'-0" 4/A203



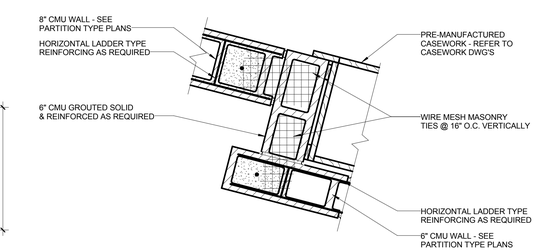
A6 DETAIL @ STAIR B (11.2.10)
Scale: 1 1/2" = 1'-0" 5/A220



A5 DETAIL @ ELEV (11.2.7)
Scale: 1 1/2" = 1'-0" 2/A230



A3 DETAIL @ ELEV (11.2.7)
Scale: 1 1/2" = 1'-0" 2/A230



A2 TYP DETAIL @ CLSRM. CASEWORK
Scale: 1 1/2" = 1'-0" 6/A203

A JOINT-VENTURE BETWEEN
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EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEGHO STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

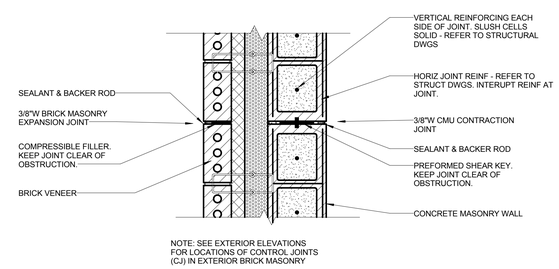
TITLE

CONSTRUCTION DETAILS

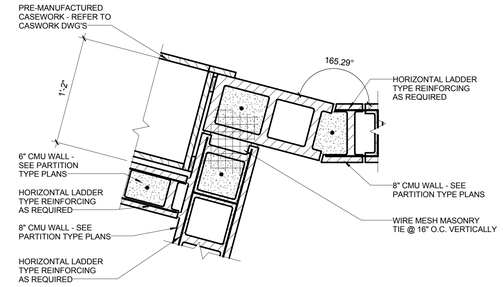
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A531

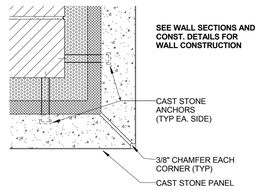
SHEET NO.



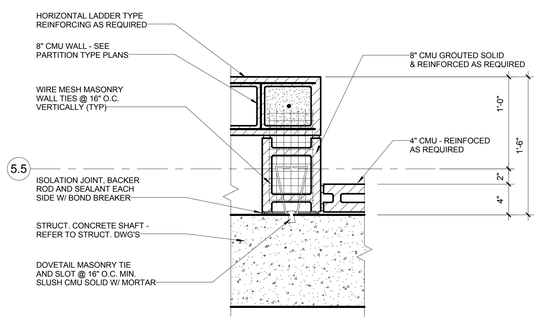
F3 TYP. CONTROL JOINT @ EXT. WALL
Scale: 1 1/2" = 1'-0"



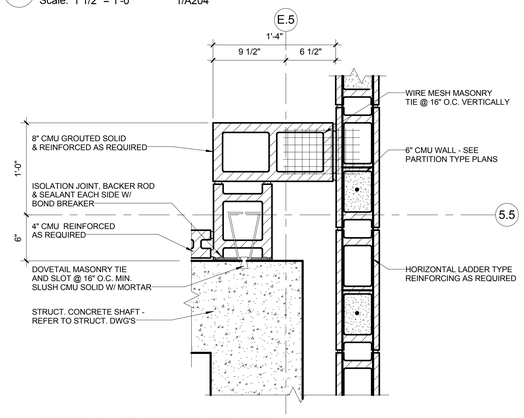
E2 DETAIL @ ART ROOM (9.1.5)
Scale: 1 1/2" = 1'-0" 1/A204



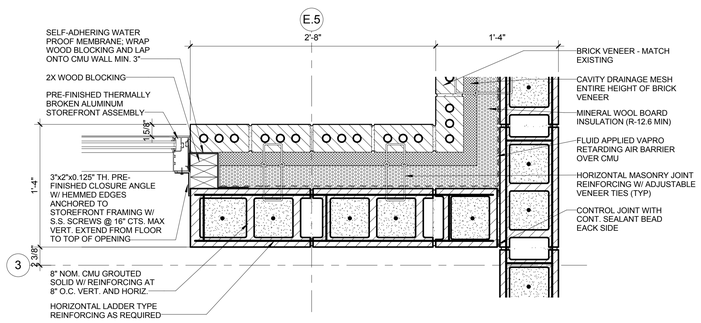
D4 CAST STONE CORNER
Scale: 1 1/2" = 1'-0"



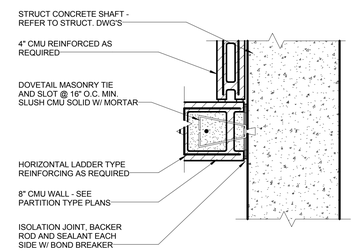
D3 DETAIL @ ELEV (11.3.6)
Scale: 1 1/2" = 1'-0" 3/A230



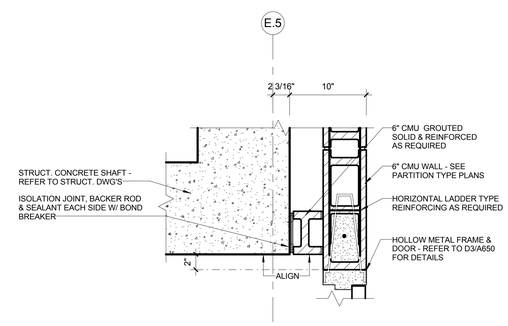
D2 DETAIL @ ELEV (11.3.6)
Scale: 1 1/2" = 1'-0" 3/A230



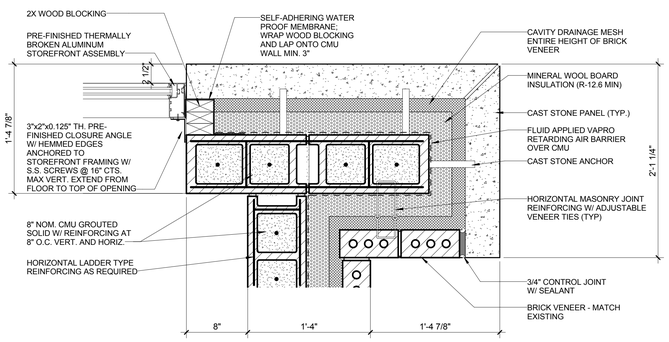
B5 3/A200
Scale: 1 1/2" = 1'-0"



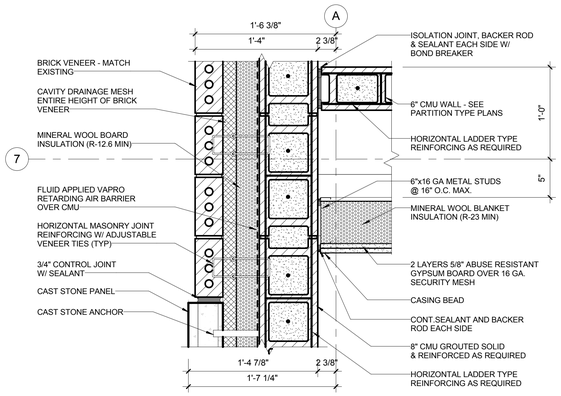
B3 DETAIL @ ELEV (11.3.6)
Scale: 1 1/2" = 1'-0" 3/A230



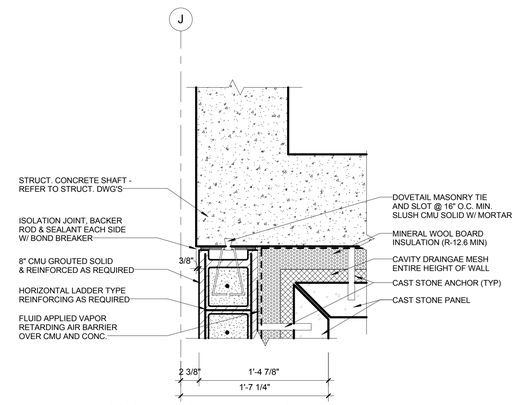
B2 DETAIL @ ELEV (11.3.6)
Scale: 1 1/2" = 1'-0" 3/A230



A5 3/A200
Scale: 1 1/2" = 1'-0"



A3 DETAIL @ MECH. ROOM (11.3.8)
Scale: 1 1/2" = 1'-0" 1/AP130A



A2 DETAIL @ STAIR B (11.3.10)
Scale: 1 1/2" = 1'-0" 4/A220

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND

SEAL
ARCHITECT 13814 JAMES L. BEIGIE STATE OF MARYLAND

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KEY PLAN

SCALE
1 1/2" = 1'-0"

No.	Description	Date

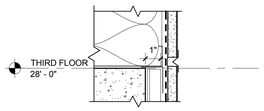
REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

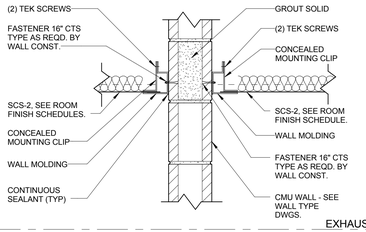
TITLE
CONSTRUCTION DETAILS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

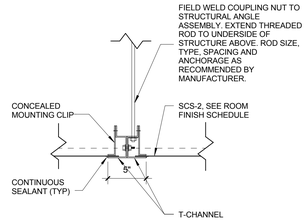
A532
SHEET NO.



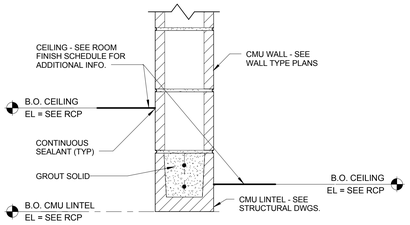
E6 CONTROL JOINT
Scale: 3" = 1'-0" C3/A550



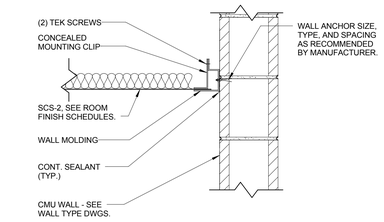
D6 DETAIL - SCS-2
Scale: 1 1/2" = 1'-0" 1/AR130A



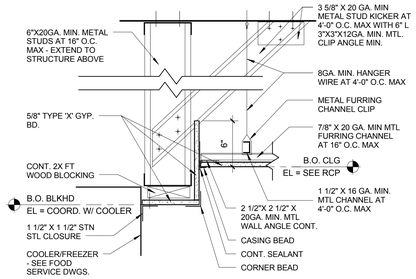
D5 DETAIL - SCS-2
Scale: 1 1/2" = 1'-0"



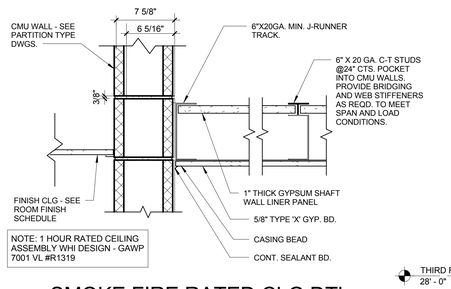
F5 CMU LINTEL DETAIL
Scale: 1 1/2" = 1'-0"



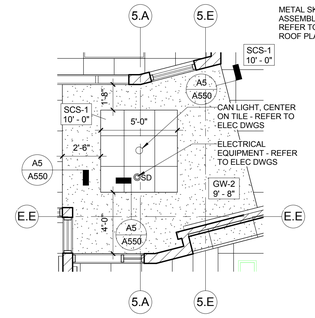
F4 DETAIL - SCS-2
Scale: 1 1/2" = 1'-0" B4/A302



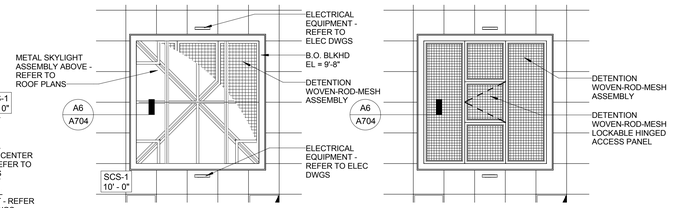
E5 DETAIL - COOLER / FREEZER
Scale: 1 1/2" = 1'-0" 1/AR110B



E4 SMOKE FIRE RATED CLG DTL
Scale: 1 1/2" = 1'-0" 1/AR110A

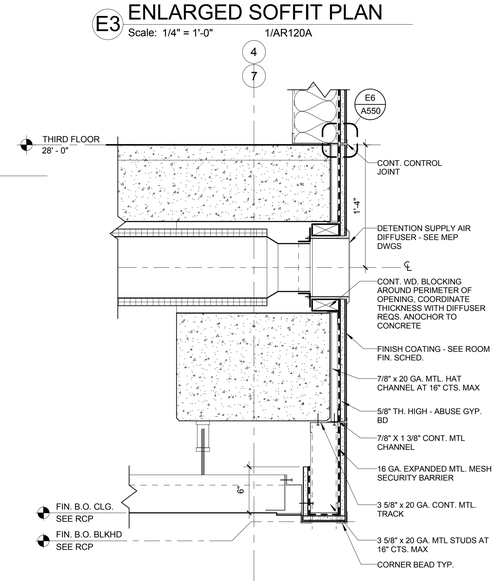


E3 ENLARGED SOFFIT PLAN
Scale: 1/4" = 1'-0" 1/AR120A

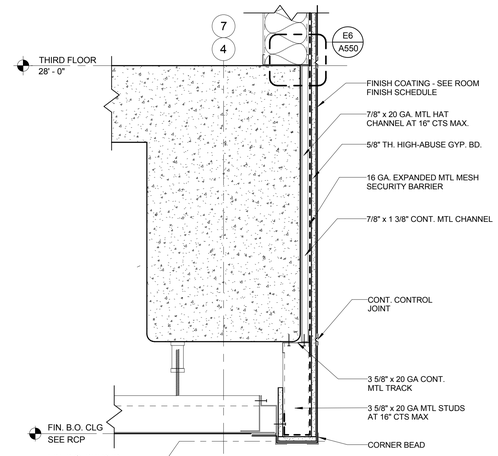


F2 SKYLIGHT
Scale: 1/4" = 1'-0" 1/AR120A

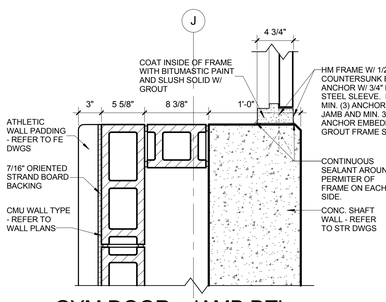
F1 SKYLIGHT ACCESS
Scale: 1/4" = 1'-0"



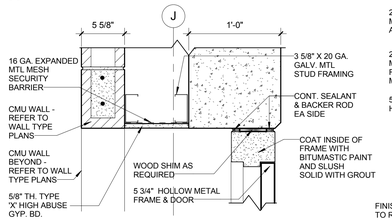
C3 DIFFUSER DTL
Scale: 1 1/2" = 1'-0" E2/A900



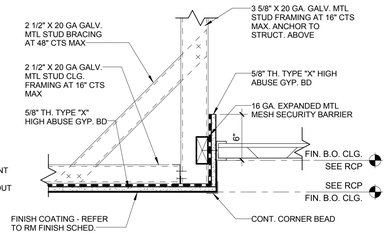
D1 BULKHEAD / CLG. DETAIL
Scale: 1 1/2" = 1'-0" 14/A221



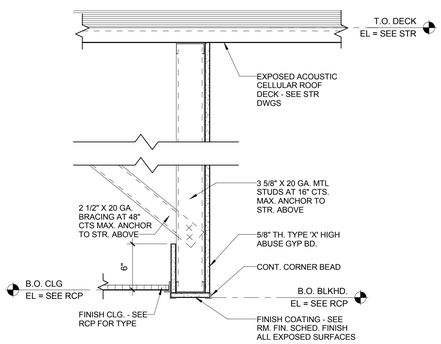
B6 GYM DOOR - JAMB DTL
Scale: 1 1/2" = 1'-0" 7/A204



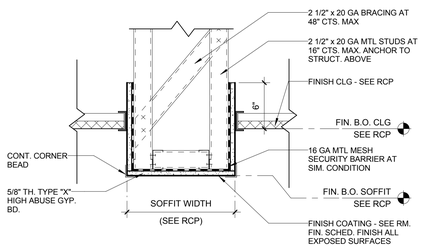
A6 GYM DOOR HEAD DTL
Scale: 1 1/2" = 1'-0" 7/A204



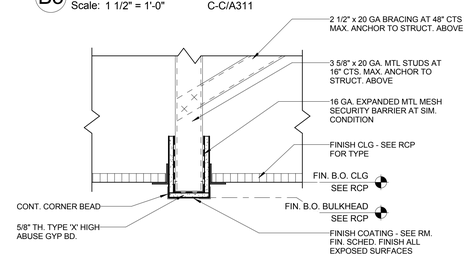
A5 SOFFIT DTL
Scale: 1 1/2" = 1'-0"



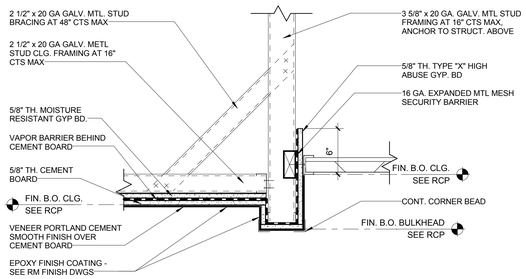
A4 BLKHD / CLG DTL
Scale: 1 1/2" = 1'-0" F-F/A312



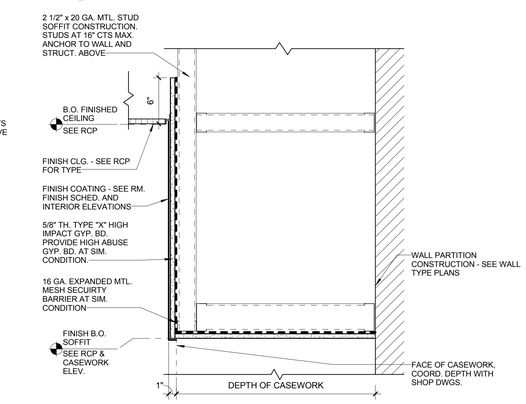
B3 SOFFIT / CLG. DTL
Scale: 1 1/2" = 1'-0" C-C/A311



A3 BULKHEAD / CLG DETAIL
Scale: 1 1/2" = 1'-0" 1/AR110A



C1 BULKHEAD / CLG DETAIL
Scale: 1 1/2" = 1'-0" 1/AR110A



A1 SOFFIT DETAIL
Scale: 1 1/2" = 1'-0" F6/A902

A JOINT-VENTURE BETWEEN
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EBA ENGINEERING
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STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND

SEAL
ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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KEY PLAN

SCALE
As indicated

No.	Description	Date

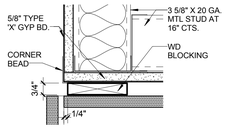
REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

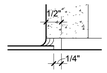
TITLE
CONSTRUCTION DETAILS - CEILING

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

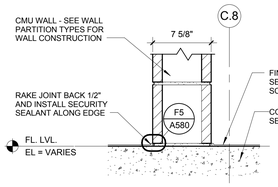
A550
SHEET NO.



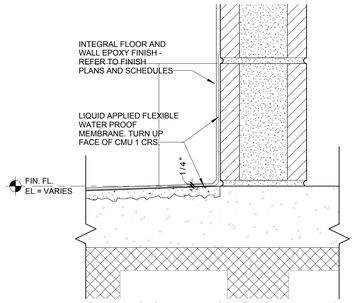
F6 DETAIL
Scale: 3" = 1'-0" C6/A580



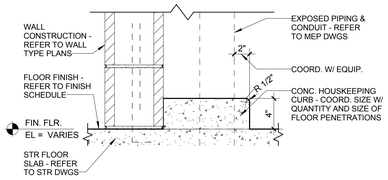
F5 SECURITY FLOOR JOINT
Scale: 6" = 1'-0" F4/A580



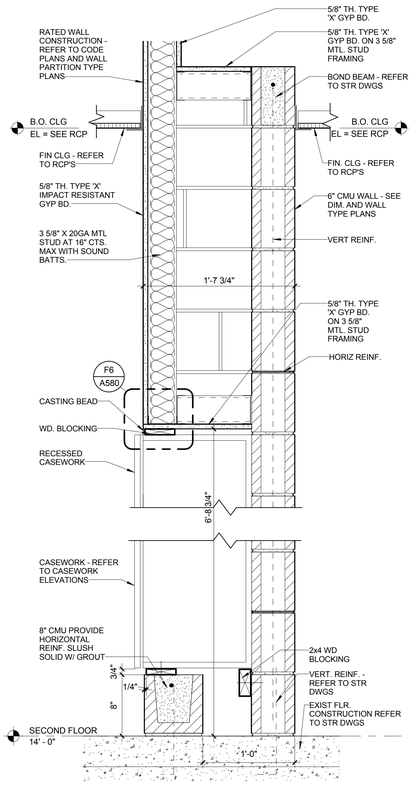
F4 FINISH FLOORING BASE
Scale: 1 1/2" = 1'-0" 1/A200



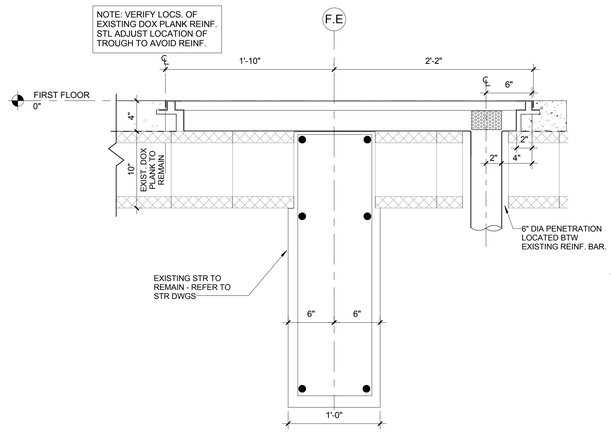
F3 EPOXY COATING @ VERT. SURFACE
Scale: 3" = 1'-0"



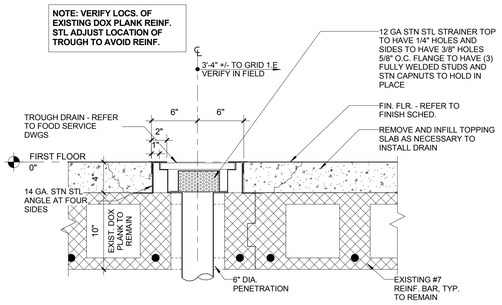
F1 TYP. HOUSEKEEPING CURB
Scale: 1 1/2" = 1'-0" 1/A201



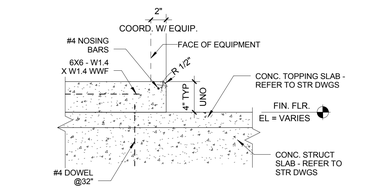
C6 CLASSROOM SOFFIT WALL
Scale: 1 1/2" = 1'-0" 6/A203



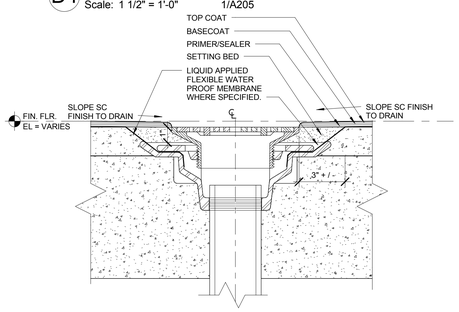
D4 KETTLE TROUGH DRAIN
Scale: 1 1/2" = 1'-0" 1/A205



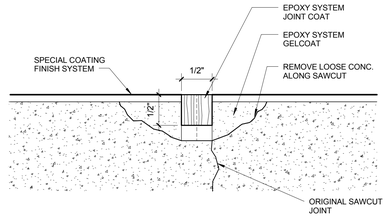
D3 ICE MACHINE TROUGH DRAIN
Scale: 1 1/2" = 1'-0" 1/A205



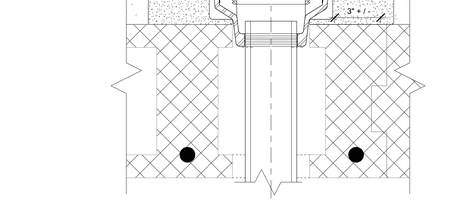
E1 TYPICAL HOUSEKEEPING PAD
Scale: 1 1/2" = 1'-0" C-C/A311



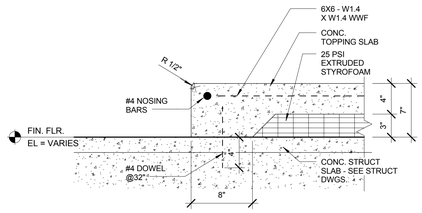
C4 FLOOR DRAIN @ EPOXY COATING FL. FIN.
Scale: 3" = 1'-0" 1/A200



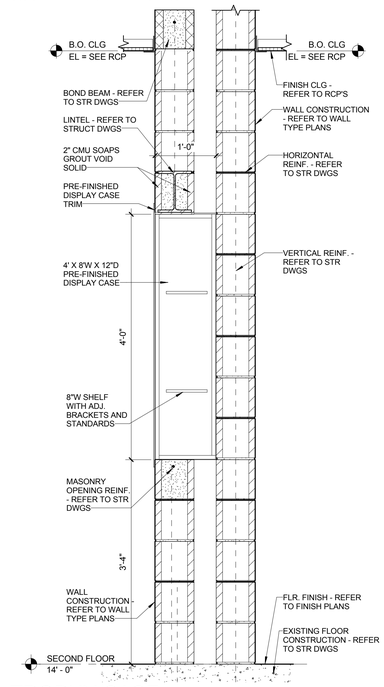
C3 TYP. EPOXY JOINT @ CONC. CONTROL JOINT (CJ)
Scale: 12" = 1'-0"



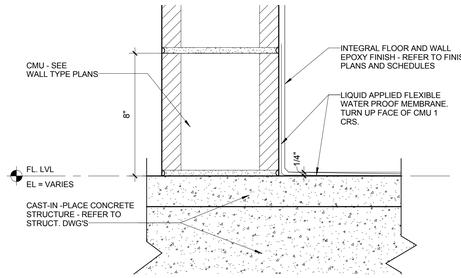
D1 FLOOR DRAIN @ SPECIAL COATING FL. FIN.
Scale: 3" = 1'-0"



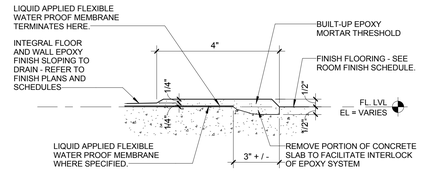
C2 TYPICAL RAISED FLOOR
Scale: 1 1/2" = 1'-0" 2/A203



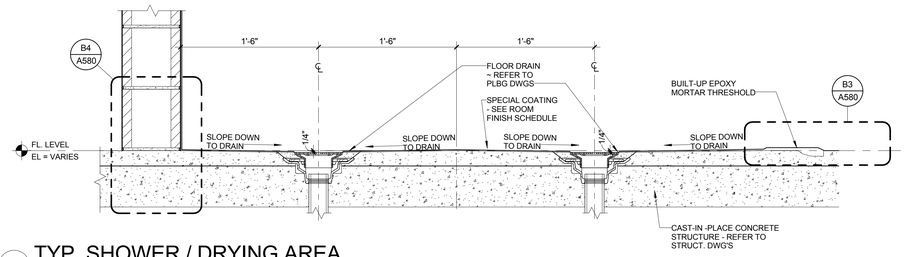
A6 TROPHY CASE
Scale: 1" = 1'-0"



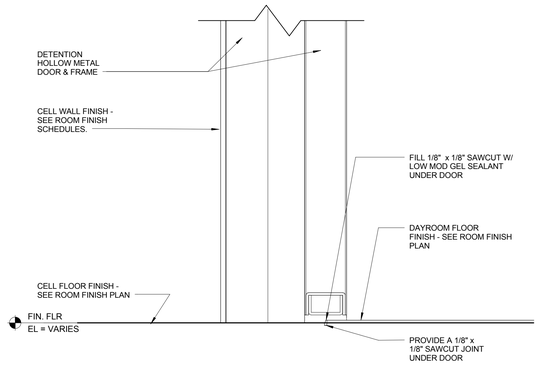
B4 EPOXY COATING @ VERT. SURFACE
Scale: 3" = 1'-0" A4/A580



B3 BUILT-UP EPOXY THRESHOLD
Scale: 3" = 1'-0" A4/A580



A4 TYP. SHOWER / DRYING AREA
Scale: 1 1/2" = 1'-0" 1/A200



A2 CELL FLOOR
Scale: 3" = 1'-0" 2/A201

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EBA ENGINEERING

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SIDHU ASSOCIATES, INC.
Consulting Engineers
EMPORIUM PLAZA BE SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS
ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

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BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

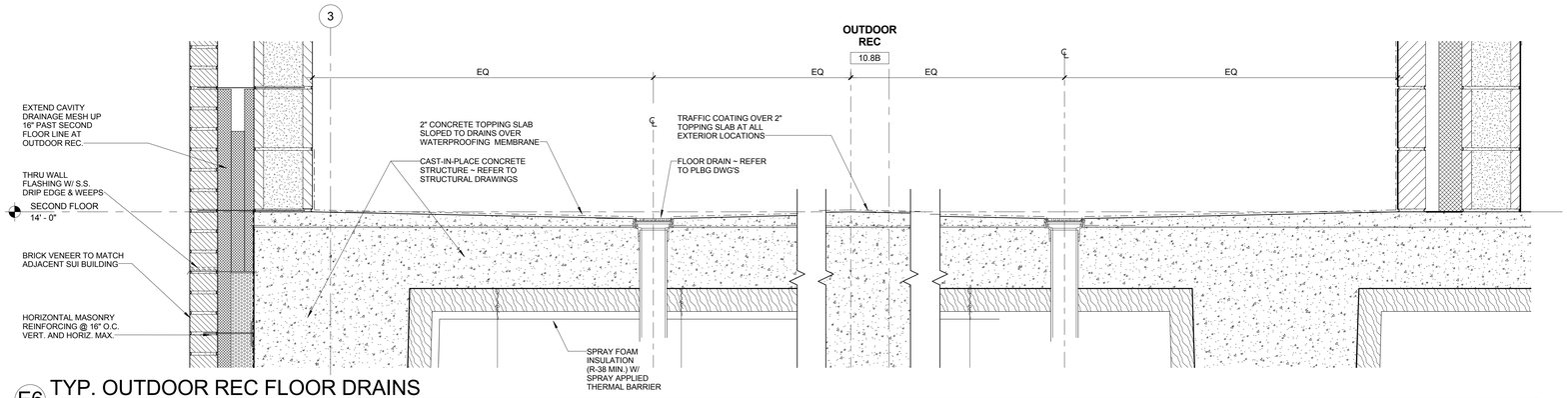
TITLE

CONSTRUCTION DETAILS

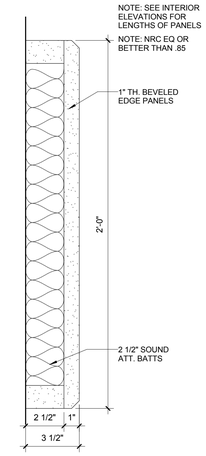
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A580

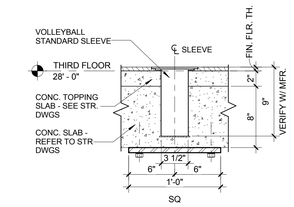
SHEET NO.



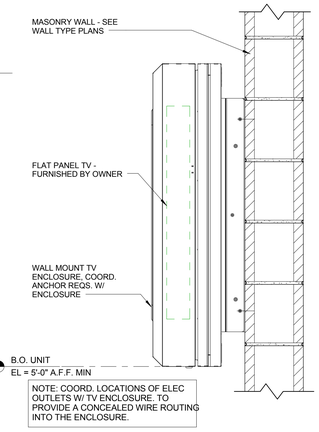
E6 TYP. OUTDOOR REC FLOOR DRAINS
Scale: 1 1/2" = 1'-0"



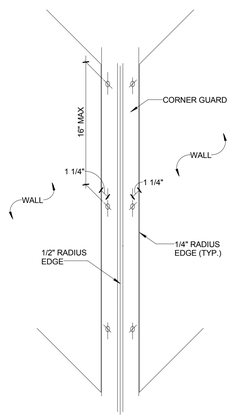
E2 TYP. ACOUSTIC PANEL
Scale: 3" = 1'-0" A900 SERIES



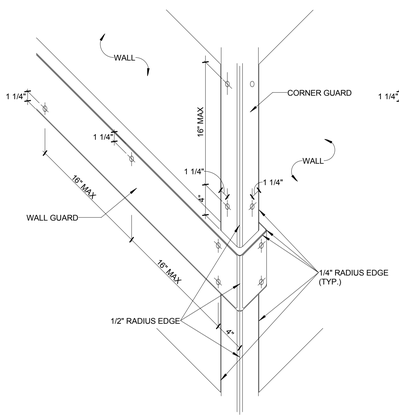
E1 VOLLEYBALL SLEEVE
Scale: 1 1/2" = 1'-0" 7/A204



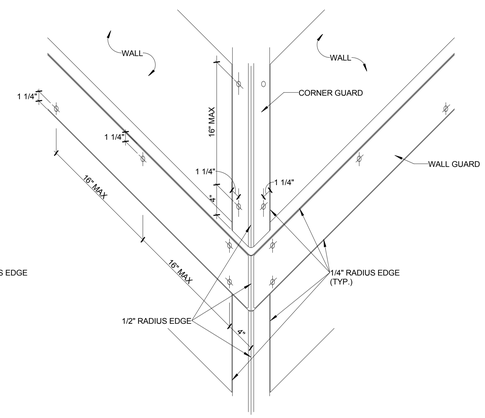
D1 TYP. WALL MTD TV W/ ENCLOSURE
Scale: 1 1/2" = 1'-0" 1/A202



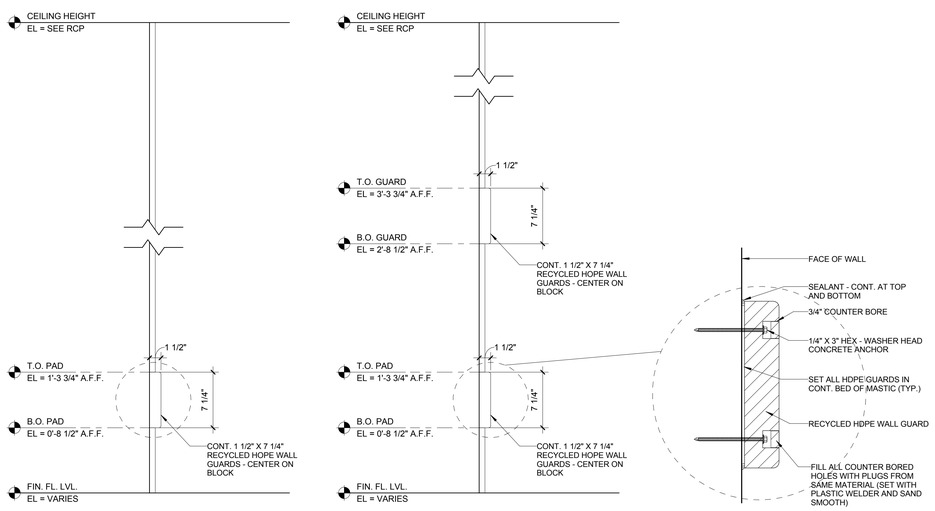
CORNER TYPE A - WALL GUARD ONE SIDE



CORNER TYPE B - WALL GUARD ONE SIDE



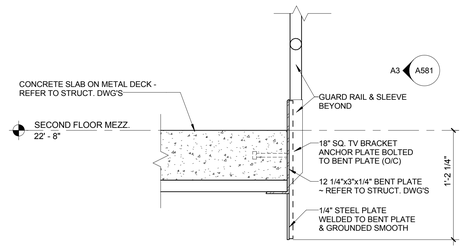
CORNER TYPE C - WALL GUARD BOTH SIDES



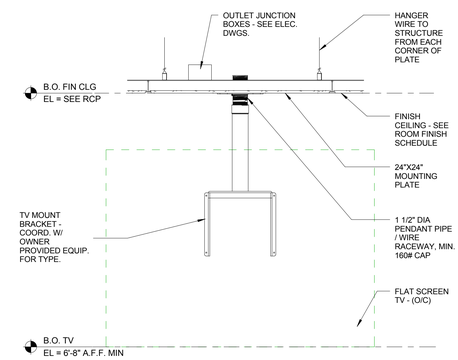
NOTE: ALL EXPOSED EDGES OF WALL GUARD SHALL BE ROUNDED TO 1/4" R. AND SANDED SMOOTH, UNLESS NOTED OTHERWISE.

ALL SEAMS AND JOINTS SHALL BE ADHERED WITH PLASTIC WELDER AND SANDED SMOOTH.

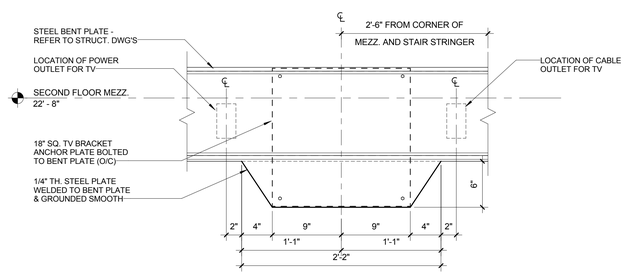
A6 WALL GUARD & CORNER GUARD DETAIL
Scale: N.T.S.



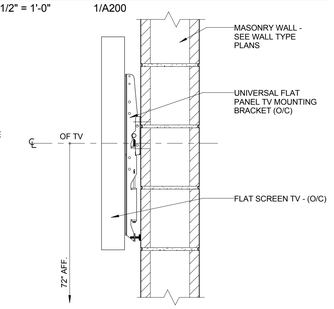
B3 TV BRACKET @ MEZZ.
Scale: 1 1/2" = 1'-0" 3/A201



B1 TYP. CLG MTD TV
Scale: 1 1/2" = 1'-0" 1/A200



A3 TV BRACKET DETAIL @ MEZZ.
Scale: 1 1/2" = 1'-0"



A1 TYP. WALL MTD TV
Scale: 1 1/2" = 1'-0" 1/A202

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As indicated

No.	Description	Date

REVISIONS

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APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

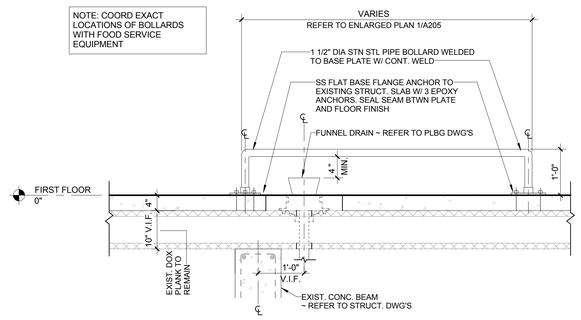
TITLE

CONSTRUCTION DETAILS

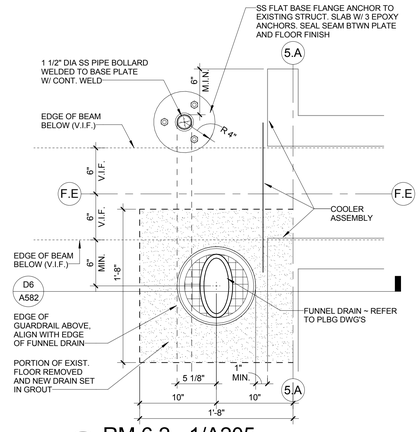
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A581

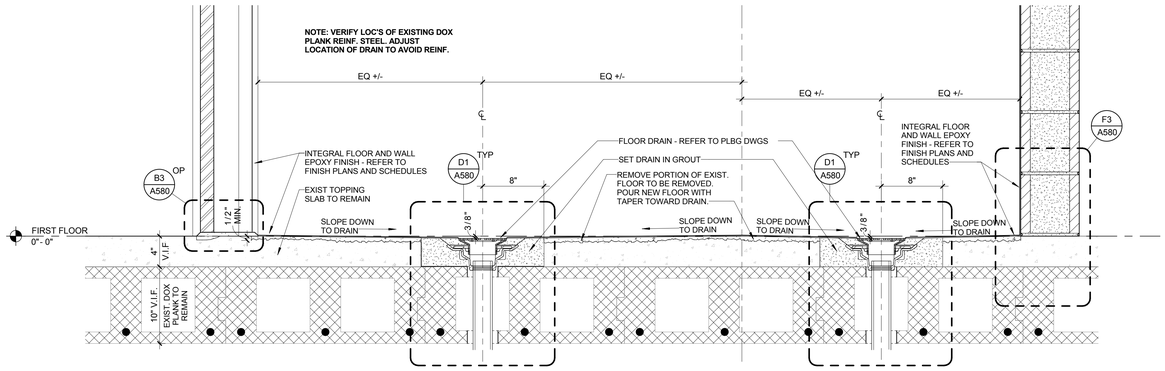
SHEET NO.



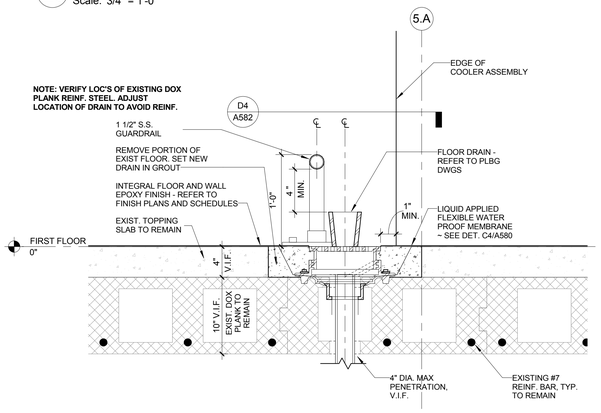
E6 FS PIPE BOLLARD ON EXT. SLAB
Scale: 3/4" = 1'-0"



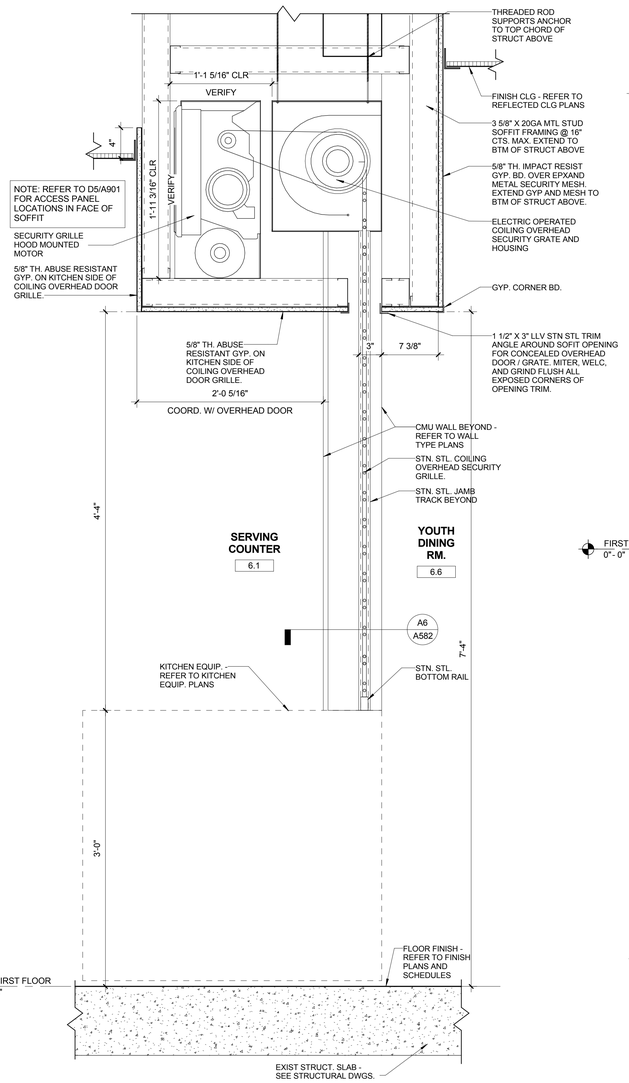
E4 RM 6.2 - 1/A205
Scale: 1 1/2" = 1'-0"



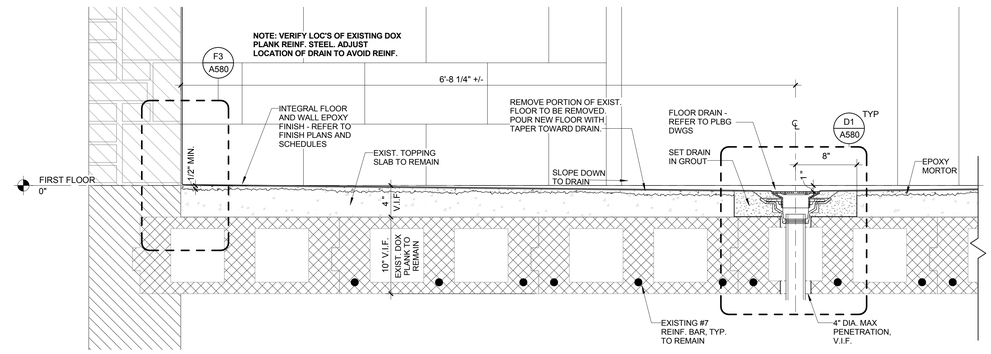
F3 RM 4.26.1 / 4.26.2
Scale: 1 1/2" = 1'-0" 1/A202



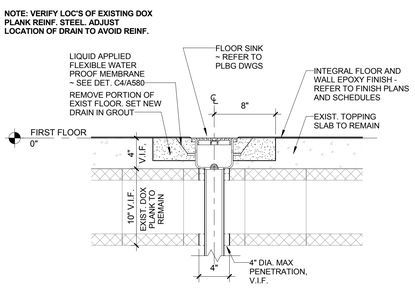
D6 RM 6.2 - 1/A205
Scale: 1 1/2" = 1'-0"



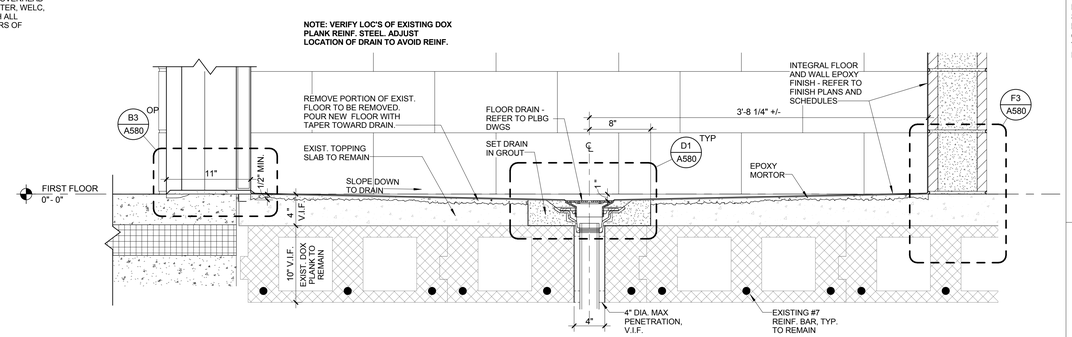
A4 DETAIL - WALL SECTION @ SERVING
Scale: 1 1/2" = 1'-0"



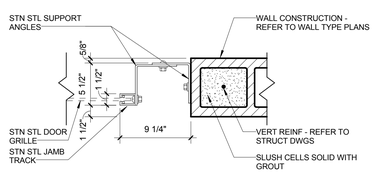
D3 RM 6.11 - 1/A205
Scale: 1 1/2" = 1'-0"



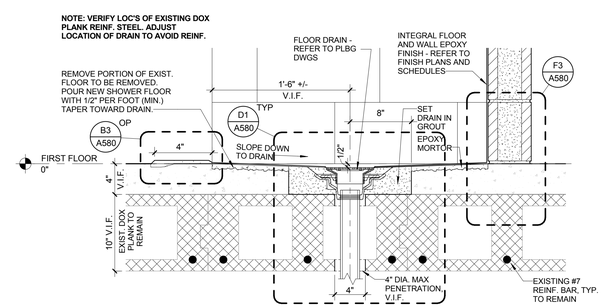
B6 RM 6.11/6.2 TYP. FLOOR SINK
Scale: 1 1/2" = 1'-0"



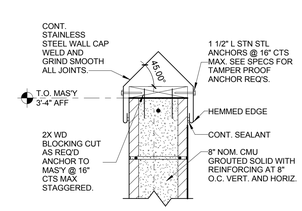
B3 RM 6.9 - FLOOR DRAIN
Scale: 1 1/2" = 1'-0" 1/A205



A6 SERVICE COUNTER - JAMB DETAIL
Scale: 1 1/2" = 1'-0" 1/A205



A3 RENOVATION SHOWER (TYP)
Scale: 1 1/2" = 1'-0" 1/A202



A1 RM 6.2 - 1/A205
Scale: 1 1/2" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
INDUSTRY PARK DR. SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115
TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL
ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE
As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

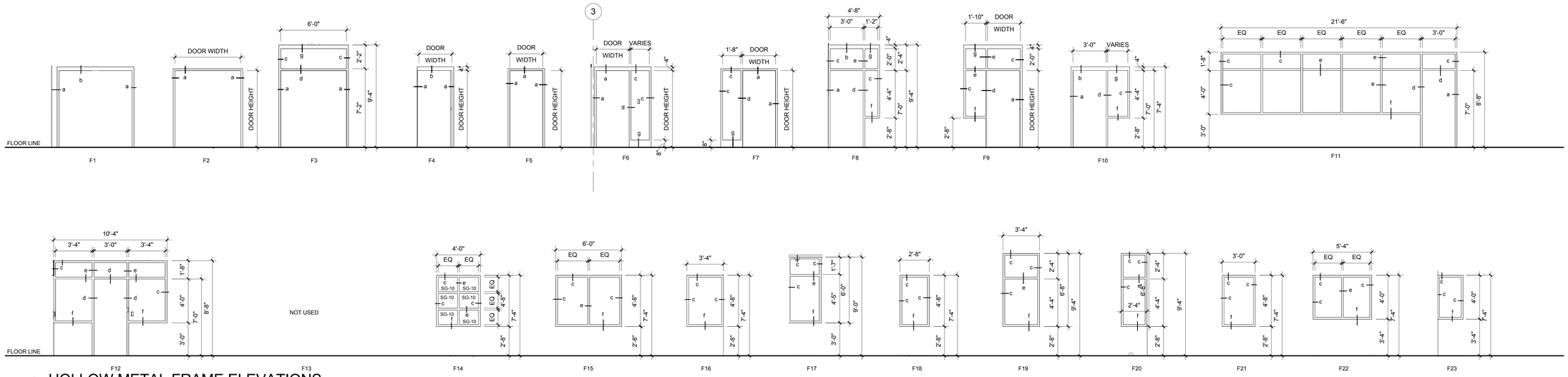
TITLE
CONSTRUCTION DETAILS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A582
SHEET NO.

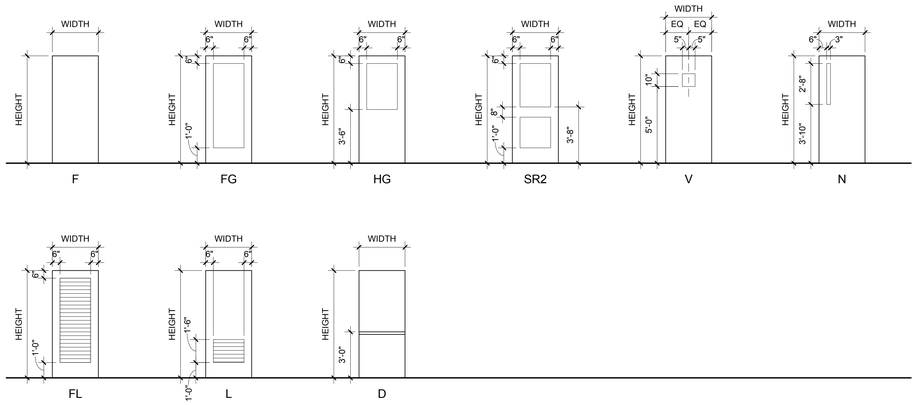
HOLLOW METAL DOOR AND FRAME SCHEDULE

ROOM NUMBER	ROOM NAME	DOOR NUMBER	DOOR SIZE LEAF QTY	WIDTH	HEIGHT	THICKNESS	TYPE	MATL	GLAZING	FRAME TYPE	MATL	GLAZING	SIDELIGHT WIDTH	TRANSOM HEIGHT	HARDWARE SET	DETAILS HEAD	JAMB	SILL	FIRE LABEL	REMARKS	DOOR NUMBER	Level
0.1	ENTRY VEST.	0.1B	1	3' - 0"	7' - 0"	1 3/4"	FG	HM	GL-1	F10	HM	GL-1	2' - 4"		04	E3/A650	D5/A650		--		0.1B	FIRST FLOOR
0.8.1	W. TLT.	0.8.1	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F4	HM	--			37	E5/A650	D5/A650		20MIN.		0.8.1	FIRST FLOOR
0.8.2	M. TLT.	0.8.2	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F4	HM	--			37	B2/A650	D5/A650		20MIN.		0.8.2	FIRST FLOOR
1.0	CORR.	1.0A	1	3' - 0"	7' - 0"	1 3/4"	N	WD	GL-2	F4	HM	--			08	E5/A650	D5/A650		20MIN.		1.0A	FIRST FLOOR
1.0	CORR.	1.0B	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F6	HM	GL-1	2' - 0"		07	E5/A650	D5/A650		--		1.0B	FIRST FLOOR
1.1	FACILITY ADMIN. OFFICE	1.1	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F7	HM	GL-1	2' - 0"		29	E6-B5/A650	D6-A5/A650		--		1.1	FIRST FLOOR
1.2	MGT. ASSOC. OFFICE	1.2	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F7	HM	GL-1	2' - 0"		28	E6-B5/A650	D6-A5/A650		--		1.2	FIRST FLOOR
1.3	CONF. RM.	1.3A	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F7	HM	GL-1	2' - 0"		30	E6-B5/A650	D6-A5/A650		--		1.3A	FIRST FLOOR
1.3	CONF. RM.	1.3B	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F5	HM	--			30	E6/A650	D6/A650		--		1.3B	FIRST FLOOR
1.5	SUPPLY CLOS.	1.5	1	3' - 0"	7' - 0"	1 3/4"	N	WD	GL-1	F4	HM	--			23	E5/A650	D5/A650		--		1.5	FIRST FLOOR
1.6	JAN.	1.6	1	3' - 0"	7' - 0"	1 3/4"	N	WD	GL-1	F4	HM	--			23	E5/A650	D5/A650		--		1.6	FIRST FLOOR
1.7	STAFF TLT.	1.7	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F5	HM	--			35	E6/A650	D6/A650		--		1.7	FIRST FLOOR
2.6	STAFF TLT.	2.6	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			35	E5/A650	D5/A650		20MIN.		2.6	SECOND FLOOR
2.7	STOR / C.U.	2.7	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-2	F4	HM	--			25	E5/A650	D5/A650		20MIN.		2.7	SECOND FLOOR
2.9.1	LT. OFFICE	2.9.1	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-8	F10	HM	SG-8	2' - 2"		31	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		2.9.1	FIRST FLOOR
2.9.2	LT. OFFICE	2.9.2	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-8	F10	HM	SG-8	2' - 2"		32	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		2.9.2	SECOND FLOOR
2.10.1	COUNSELOR OFFICE	2.10.1	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-8	F10	HM	SG-8	3' - 2"		09	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		2.10.1	FIRST FLOOR
2.10.2	COUNSELOR OFFICE	2.10.2	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-8	F10	HM	SG-8	2' - 2"		08	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		2.10.2	SECOND FLOOR
2.11.1	CASE MGR. OFFICE	2.11.1	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-8	F10	HM	SG-8	3' - 2"		09	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		2.11.1	FIRST FLOOR
2.11.2	CASE MGR OFFICE	2.11.2	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-8	F10	HM	SG-8	2' - 2"		10	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		2.11.2	SECOND FLOOR
2A.12	JAN	2A.12	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			24	E5/A650	D5/A650		--		2A.12	SECOND FLOOR
2A.13	STAFF TLT.	2A.13	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			35	E5/A650	D5/A650		--		2A.13	SECOND FLOOR
2A.15	LAUNDRY	2A.15	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	GL-1	F10	HM	GL-1	2' - 2"		38	E5-B3/A650	D5-A3/A650	A2/A650	--		2A.15	SECOND FLOOR
2B.12	JAN	2B.12	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			24	E5/A650	D5/A650		--		2B.12	SECOND FLOOR
2B.13	STAFF TLT.	2B.13	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			35	E5/A650	D5/A650		--		2B.13	SECOND FLOOR
2B.15	LAUNDRY	2B.15	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	GL-1	F10	HM	GL-1	2' - 2"		38	E5-B3/A650	D5-A3/A650	A2/A650	--		2B.15	SECOND FLOOR
2C.12	JAN.	2C.12	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			24	E5/A650	D5/A650		--		2C.12	SECOND FLOOR
2C.13	STAFF TLT.	2C.13	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			35	E5/A650	D5/A650		--		2C.13	SECOND FLOOR
2C.15	LAUNDRY	2C.15	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	GL-1	F10	HM	GL-1	2' - 2"		38	E5-B3/A650	D5-A3/A650	A2/A650	--		2C.15	SECOND FLOOR
2D.12	JAN	2D.12	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			24	E5/A650	D5/A650		--		2D.12	SECOND FLOOR
2D.13	STAFF TLT.	2D.13	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			35	E5/A650	D5/A650		--		2D.13	SECOND FLOOR
2D.15	LAUNDRY	2D.15	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	GL-1	F10	HM	GL-1	2' - 2"		38	E5-B3/A650	D5-A3/A650	A2/A650	--		2D.15	SECOND FLOOR
2F.4	GROUP ACTIVITY	2F.4	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-10	F10	HM	GL-1	2' - 2"		33	E5-B3/A650	D5-A3/A650	A2/A650	--		2F.4	FIRST FLOOR
2F.5	READING / WRITING	2F.5	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-10	F10	HM	GL-1	2' - 2"		33	E5-B3/A650	D5-A3/A650	A2/A650	--		2F.5	FIRST FLOOR
2F.7	STOR.	2F.7	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			23	E5/A650	D5/A650		--		2F.7	FIRST FLOOR
2F.12	JAN.	2F.12	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			24	E5/A650	D5/A650		--		2F.12	FIRST FLOOR
2F.13	STAFF TLT.	2F.13	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			35	E5/A650	D5/A650		--		2F.13	FIRST FLOOR
2F.14	YOUTH LAUNDRY	2F.14	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	GL-1	F10	HM	GL-1	2' - 2"		39	E5-B3/A650	D5-A3/A650	A2/A650	--		2F.14	FIRST FLOOR
2F.15	C.U.	2F.15	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			25	E5/A650	D5/A650		S		2F.15	FIRST FLOOR
4.2	NURSE EXAM RM.	4.2	1	4' - 0"	7' - 0"	1 3/4"	N	HM	SG-8	F4	HM	--			43	E5/A650	D5/A650		--		4.2	FIRST FLOOR
4.3	CLINICIAN EXAM RM.	4.3	1	4' - 0"	7' - 0"	1 3/4"	N	HM	SG-8	F4	HM	--			43	E5/A650	D5/A650		--		4.3	FIRST FLOOR
4.4.1	YOUTH TLT.	4.4.1	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			24	E5/A650	D5/A650		--		4.4.1	FIRST FLOOR
4.4.2	YOUTH TLT.	4.4.2	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			26	B2/A650	D5/A650		20MIN.		4.4.2	FIRST FLOOR
4.5	NURSE STATION	4.5A	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-10	F12	HM	SG-8		1' - 8"	06	B5/A650	D5-A3/A650	A2/A650	--		4.5A	FIRST FLOOR
4.5	NURSE STATION	4.5B	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-10	F11	HM	SG-8	18' - 4"	1' - 8"	06	B5/A650	D5-A3/A650	A2/A650	--		4.5B	FIRST FLOOR
4.8	SUPPLY STOR.	4.8	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			23	E5/A650	D5/A650		--		4.8	FIRST FLOOR
4.9	MEDICAL FILE ROOM	4.9	1	3' - 0"	7' - 0"	1 3/4"	N	HM	SG-8	F4	HM	--			08	E5/A650	D5/A650		45MIN.		4.9	FIRST FLOOR
4.10.1	MED. SUPPLY RM.	4.10.1	1	3' - 0"	7' - 0"	1 3/4"	N	HM	SG-8	F4	HM	--			08	E5/A650	D5/A650		45MIN.		4.10.1	FIRST FLOOR
4.10.2	MED.SUP. RM.	4.10.2	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			06	E5/A650	D5/A650		--		4.10.2	FIRST FLOOR
4.14	COMP. RM.	4.14	1	2' - 8"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			23	E5/A650	D5/A650 E2/A651		--		4.14	FIRST FLOOR
4.15.1	STAFF TLT.	4.15.1	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			35	E5/A650	D5/A650		20MIN.		4.15.1	FIRST FLOOR
4.15.2	STAFF TLT.	4.15.2	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			35	E5/A650	D5/A650		20MIN.		4.15.2	FIRST FLOOR
4.16	PHYS. / PSYCH. OFFICE	4.16	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	GL-1	F4	HM	--			06	E5/A650	D5/A650		--		4.16	FIRST FLOOR
4.17	JAN.	4.17	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-2	F4	HM	--			25	E5/A650	D5/A650		20MIN.		4.17	FIRST FLOOR
4.18	EDUCATION SERVICES RM.	4.18	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-8	F4	HM	--			06	E5/A650	D5/A650		--		4.18	FIRST FLOOR
4.21.1	ANTE	4.20.1	1	3' - 6"	7' - 0"	1 3/4"	HG	HM	SG-10	F4	HM	--			44	E5/A650	D5/A650		--		4.20.1	FIRST FLOOR
4.21.2	ANTE	4.20.2	1	3' - 6"	7' - 0"	1 3/4"	HG	HM	SG-10	F4	HM	--			44	E5/A650	D5/A650		--		4.20.2	FIRST FLOOR
4.21.1	ANTE	4.21.1	1	3' - 6"	7' - 0"	1 3/4"	HG	HM	SG-10	F4	HM	--			40	E5/A650	D5/A650		--		4.21.1	FIRST FLOOR
4.21.2	ANTE	4.21.2	1	3' - 6"	7' - 0"	1 3/4"	HG	HM	SG-10	F4	HM	--			40	E5/A650	D5/A650		--		4.21.2	FIRST FLOOR
4.22.1	INFIRM. RM. (ADA)	4.22.1	1	3' - 6"	7' - 0"	1 3/4"	HG	HM	SG-10	F4	HM	--			45	E5/A650	D5/A650		--		4.22.1	FIRST FLOOR
4.22.2	INFIRM. RM.	4.22.2	1	3' - 6"	7' - 0"	1 3/4"	HG	HM	SG-10	F4	HM	--			45	E5/A650	D5/A650		--		4.22.2	FIRST FLOOR
4.22.3	INFIRM. RM. (ADA)	4.22.3	1	3' - 6"	7' - 0"	1 3/4"	HG	HM	SG-10	F4	HM	--			45	E5/A650	D5/A650		--		4.22.3	FIRST FLOOR
4.24	C.U.	4.24	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			20	E5/A650	D5/A650		S		4.24	FIRST FLOOR
4.25	S.U.	4.25	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-2	F4	HM	--			25	E5/A650	D5/A650		45MIN.		4.25	FIRST FLOOR
4.26.1	SAFE SHWR	4.26.1	1	3' - 0"	7' - 0"	1 3/4"	V	HM	SG-8	F4	HM	--			41	E5/A650	D5/A650		--		4.26.1	FIRST FLOOR
4.26.2	SAFE SHWR	4.26.2	1	3' - 0"	7' - 0"	1 3/4"	V	HM	SG-8	F4	HM	--			41	E5/A650	D5/A650		--		4.26.2	FIRST FLOOR
5.1	PYSCH. OFFICE	5.1	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-8	F10	HM	SG-8	3' - 2"		07	E5-B3/A650	D5-A3/A650	A2/A650	--		5.1	FIRST FLOOR
5.2	CLINICIAN OFFICE	5.2	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-8	F10	HM	SG-8	3' - 2"		09	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		5.2	FIRST FLOOR
5.4	B.H. STOR.	5.4	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-2	F4	HM	--			25	E5/A650	D5/A650 E2/A651		45MIN.		5.4	FIRST FLOOR
6.3	AMBIENT STOR.	6.3	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-2	F4	HM	--			27	E5/A650	D5/A650		45MIN.		6.3	FIRST FLOOR
6.5	JAN.	6.5	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			23	E5/A650	D5/A650		--		6.5	FIRST FLOOR
6.7	CLEAN CART	6.7	1	3' - 6"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			03	E5/A651	D5/A651	B5/A651	45MIN.		6.7	FIRST FLOOR
6.8	NON-FOOD STOR	6.8	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			20	E5/A650	D5/A650		S		6.8	FIRST FLOOR
6.9	CAN WASH	6.9	1	3' - 6"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			20	E5/A651	D5/A651	B5/A651	45MIN.		6.9	FIRST FLOOR
6.10	STAFF TLT.	6.10	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			35	E5/A650	D5/A650		--		6.10	FIRST FLOOR
6.12	F.S. OFF.	6.12	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	GL-1	F4	HM	--			28	E5/A650	D5/A650		--		6.12	FIRST FLOOR
6.13	JAN.	6.13	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			23	D2/A651	B2/A651		--		6.13	FIRST FLOOR
6.14	SOILED CART	6.14	1	3' - 6"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			03	E5/A651	D5/A651	B5/A651	45MIN.		6.14	FIRST FLOOR
7.2	STAFF MUSTER	7.2	1	3' - 0"	7' - 0"	1 3/4"	N	HM	SG-8	F4	HM	--			34	E5/A650	D5/A650		20MIN.		7.2	FIRST FLOOR
7.3	STOR	7.3	1	3' - 0"	7' - 0"	1 3/4"	N	WD	GL-1	F4	HM	--			19	E5/A650	D5/A650		--		7.3	FIRST FLOOR
7.5	CAPT. OFFICE	7.5	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-8	F10	HM	SG-8	2' - 2"		31	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		7.5	FIRST FLOOR
7.8	STAFF TLT.	7.8	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			36	E5/A650	D5/A650		--		7.8	FIRST FLOOR
7.9	STAFF TLT.	7.9	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F4	HM	--			35	E5/A650	D5/A650		--		7.9	FIRST FLOOR
7.10	STAFF LOCKER	7.10	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			42	E5/A650	D5/A650		S		7.10	FIRST FLOOR
8.1.1	INTER.	8.1.1	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			40	E5/A650	D5/A650		--		8.1.1	FIRST FLOOR
8.1.2	N.C. INTER.	8.1.2	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			41	E5/A650	D5/A650		--		8.1.2	FIRST FLOOR
8.1.4	N.C. INTER.	8.1.4	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			41	E5/A650	D5/A650		--		8.1.4	FIRST FLOOR
9.1.1	CLASSROOM 1	9.1.1	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F8	HM	SG-8	1' - 6"	2' - 4"	12	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.1.1	SECOND FLOOR
9.1.2	CLASSROOM 2	9.1.2	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F8	HM	SG-8	1' - 6"	2' - 4"	12	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.1.2	SECOND FLOOR
9.1.3	CLASSROOM 3	9.1.3	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F8	HM	SG-8	1' - 6"	2' - 4"	12	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.1.3	SECOND FLOOR
9.1.4	SCIENCE LAB	9.1.4	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F8	HM	SG-8	1' - 6"	2' - 4"	12	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.1.4	SECOND FLOOR
9.1.5	ART ROOM	9.1.5	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F8	HM	SG-8	1' - 6"	2' - 4"	12	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.1.5	SECOND FLOOR
9.2.1	CLASSROOM 4	9.2.1	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F8	HM	SG-8	1' - 6"	2' - 4"	12	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.2.1	SECOND FLOOR
9.2.2	CLASSROOM 5	9.2.2	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F8	HM	SG-8	1' - 6"	2' - 4"	12	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.2.2	SECOND FLOOR
9.2.3	CLASSROOM 6	9.2.3	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F8	HM	SG-8	1' - 6"	2' - 4"	12	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.2.3	SECOND FLOOR
9.3.1	COMPUTER LAB	9.3.1	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	2' - 2"		13	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.3.1	SECOND FLOOR
9.3.2	STOR.	9.3.2	1	3' - 0"	7' - 0"	1 3/4"	N	WD	GL-1	F4	HM	--			23	E5/A650	D5/A650		--		9.3.2	SECOND FLOOR
9.4.1	MEDIA CENTER	9.4.1A	2	3' - 0"	7' - 0"	1 3/4"	FG	WD	SG-8	F3	HM	--		2' - 4"	11	B3/A650	D5/A650		20MIN.		9.4.1A	SECOND FLOOR
9.4.1	MEDIA CENTER	9.4.1B	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F9	HM	SG-8	2' - 2"	2' - 4"	13	B2/A650	D5-A3/A650		20MIN.		9.4.1B	SECOND FLOOR
9.4.2	STOR.	9.4.2	1	3' - 0"	7' - 0"	1 3/4"	N	WD	GL-1	F4	HM	--			22	E5/A650	D5/A650		S		9.4.2	SECOND FLOOR
9.4.3	STOR.	9.4.3	1	3' - 0"	7' - 0"	1 3/4"	N	WD	GL-1	F4	HM	--			21	E5/A650	D5/A650		--		9.4.3	SECOND FLOOR
9.5	SPEC ED TEST OFF	9.5	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	3' - 2"		13	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.5	SECOND FLOOR
9.6	ASSESSMENT OFFICE	9.6	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	3' - 2"		13	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.6	SECOND FLOOR
9.7.1	YOUTH TLT.	9.7.1	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F4	HM	--			25	E5/A650	D5/A650		20MIN.		9.7.1	SECOND FLOOR
9.7.2	YOUTH TLT.	9.7.2	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F4	HM	--			26	E5/A650	D5/A650		20MIN.		9.7.2	SECOND FLOOR
9.8	TEACHER WORKROOM	9.8A	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	2' - 2"		08	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.8A	SECOND FLOOR
9.8	TEACHER WORKROOM	9.8B	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	2' - 2"		08	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.8B	SECOND FLOOR
9.9	STAFF TLT.	9.9	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F4	HM	--			35	E5/A650	D5/A650		20MIN.		9.9	SECOND FLOOR
9.10	GEN. STOR.	9.10	1	3' - 0"	7' - 0"	1 3/4"	F	WD	--	F4	HM	--			21	E5/A650	D5/A650		--		9.10	SECOND FLOOR
9.11	PRINCIPAL	9.11A	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	3' - 2"		10	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.11A	SECOND FLOOR
9.11	PRINCIPAL	9.11B	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	GL-1	F4	HM	--			29	E5/A650	D5/A650		--		9.11B	SECOND FLOOR
9.12	SPEC ED IEP MTG	9.12	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	2' - 2"		13	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.12	SECOND FLOOR
9.13	GUIDANCE CNSLR	9.13	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	3' - 2"		12	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.13	SECOND FLOOR
9.14	ADMIN. SUPPORT	9.14A	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	3' - 2"		10	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.14A	SECOND FLOOR
9.14	ADMIN. SUPPORT	9.14B	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	3' - 2"		08	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.14B	SECOND FLOOR
9.15	JAN.	9.15	1	3' - 0"	7' - 0"	1 3/4"	N	WD	GL-2	F4	HM	--			26	E5/A650	D5/A650		20MIN.		9.15	SECOND FLOOR
9.16	TITLE 1	9.16	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	3' - 2"		13	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.16	SECOND FLOOR
9.17	SOC WRKR	9.17	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	3' - 2"		13	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.17	SECOND FLOOR
9.18	BUS MGR / SCHED	9.18	1	3' - 0"	7' - 0"	1 3/4"	HG	WD	SG-8	F10	HM	SG-8	3' - 2"		08	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		9.18	SECOND FLOOR
10.2.1	EQ. STOR.	10.2.1	2	3' - 0"	7' - 0"	1 3/4"	N	WD	GL-2	F1	HM	--			14	E3/A650	D3/A650		45MIN.		10.2.1	THIRD FLOOR
10.3	FITNESS RM.	10.3	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-8	F10	HM	SG-8	2' - 8"		13	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		10.3	THIRD FLOOR
10.4	YOUTH TLT.	10.4	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			25	E5/A650	D5/A650		20MIN.		10.4	THIRD FLOOR
10.7	STAFF TLT.	10.7	1	3' - 0"	7' - 0"	1 3/4"	F	HM	--	F4	HM	--			35	E5/A650	D5/A650		20MIN.		10.7	THIRD FLOOR
10.9	JAN.	10.9	1	3' - 0"	7' - 0"	1 3/4"	N	HM	GL-1	F4	HM	--			16	E3/A650	B6/A651		--		10.9	THIRD FLOOR
10.10	REC. OFFICE	10.10	1	3' - 0"	7' - 0"	1 3/4"	HG	HM	SG-8	F10	HM	SG-8	2' - 8"		08	E5-B3/A650	D5-A3/A650	A2/A650	20MIN.		10.10	THIRD F



1 HOLLOW METAL FRAME ELEVATIONS

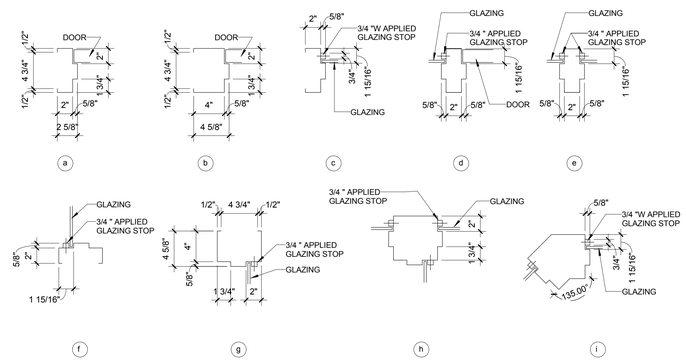
Scale: 1/4" = 1'-0"



2 DOOR PANEL TYPES

Scale: 1/4" = 1'-0"

NOTE: 1. REFER TO FRAME SECTION (a) FOR OVERALL FRAME DIMENSIONS NOT NOTED HERE
2. ALL FRAMES TO BE 2" WIDE UNLESS OTHERWISE NOTED



3 HOLLOW METAL FRAME SECTIONS

Scale: 1 1/2" = 1'-0"

GENERAL NOTES

1. REFER TO DETENTION DWGS FOR DOORS AND FRAMES NOT ELEVATED HERE.
2. PROVIDE FIRE-RATED DOOR AND FRAME GLAZING WHERE FRAME TYPE IS LOCATED IN RATED CONSTRUCTION. REFER TO CODE SYNOPSIS PLANS FOR LOCATIONS AND TYPES OF RATED WALL ASSEMBLIES. PROVIDE GLAZING RATING MEETING THE REQUIREMENTS OF THE WALL ASSEMBLY RATING GIVEN THE GLASS SIZE AND CONFIGURATION INDICATED ON THE FRAME TYPE ELEVATIONS.
3. PROVIDE SAFETY GLAZING IN ALL DOOR LITES AND HOLLOW METAL GLAZED FRAMES ELEVATED ON THIS SHT.
4. REFER TO PROJECT MANUAL SPEC SECTION 088000.
5. REFER TO STRUCTURAL DWGS FOR LINTEL REQUIREMENTS RELATED TO FRAME OPENINGS.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
ENDEAVOUR PLAZA NO. SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEGG STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

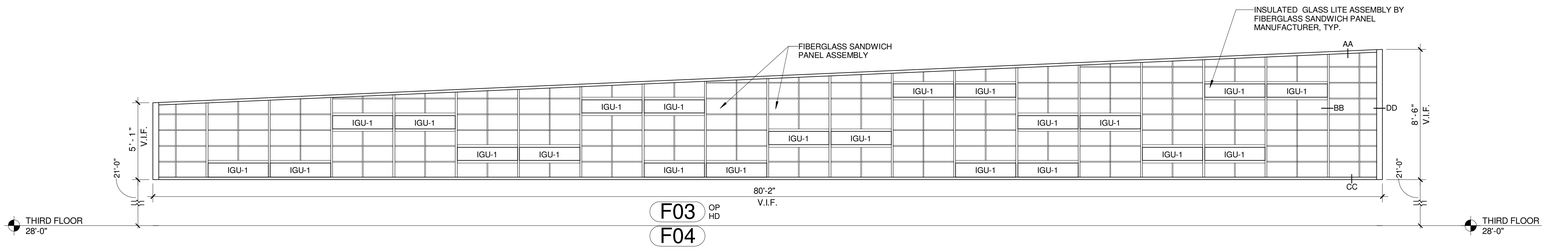
TITLE

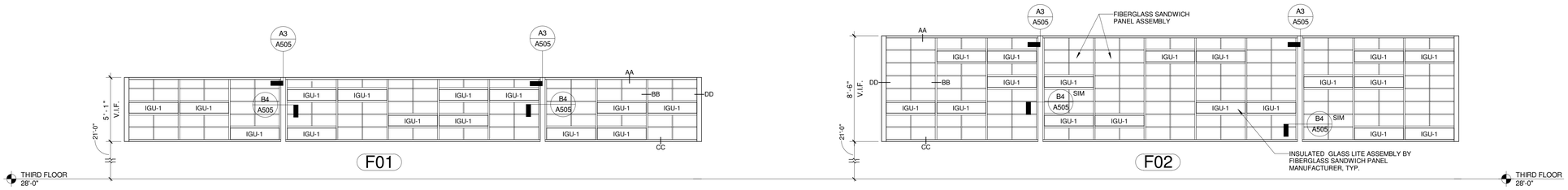
HOLLOW METAL DOOR AND FRAME ELEVATIONS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A610

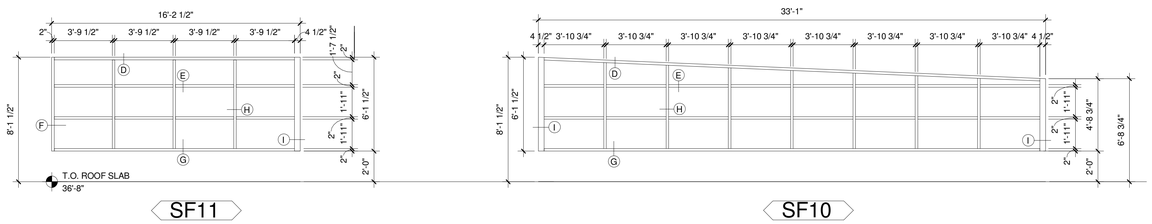
SHEET NO.

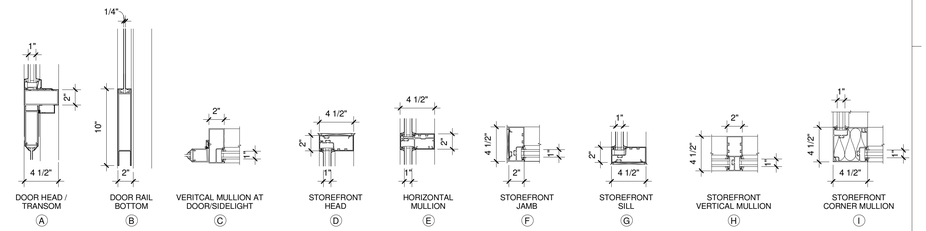




E6 FIBERGLASS SANDWICH PANEL ELEVATIONS

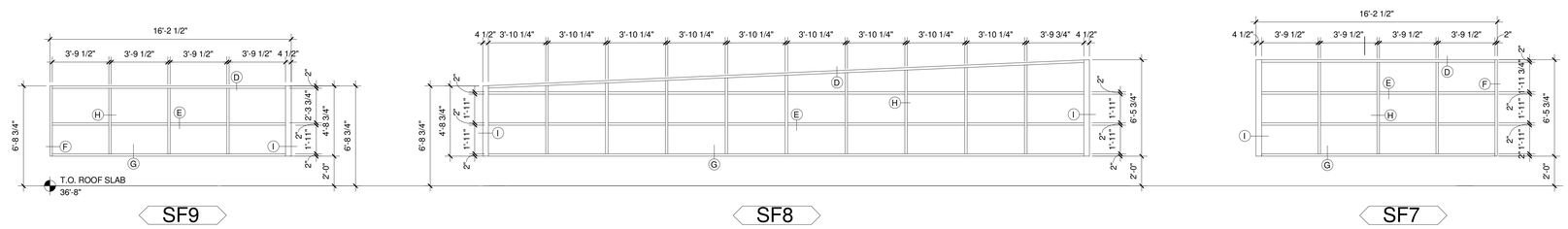
Scale: 1/4" = 1'-0"

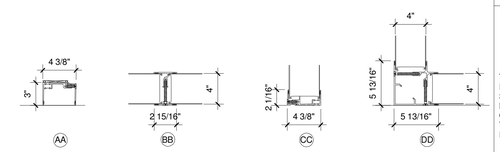




D3 TYPICAL ALUMINUM STOREFRONT FRAME SECTIONS

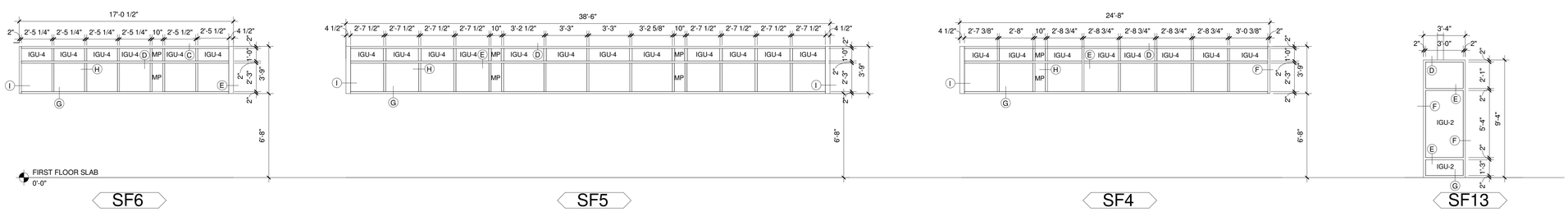
Scale: 1 1/2" = 1'-0"

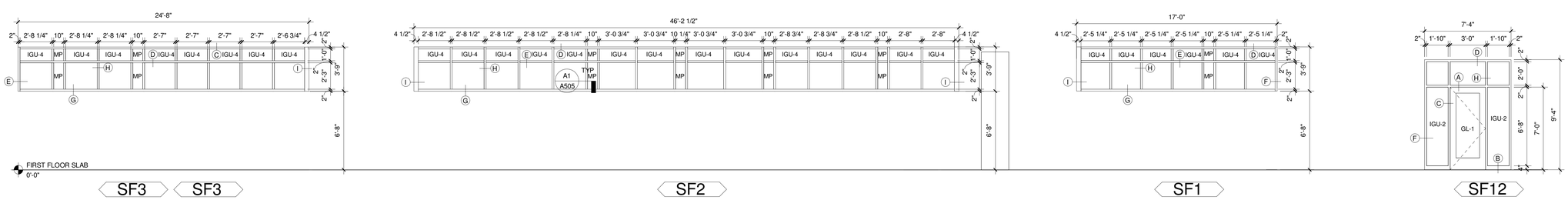




C2 FIBERGLASS SANDWICH PANEL FRAME SECTIONS

Scale: 1 1/2" = 1'-0"





A6 ALUMINUM STOREFRONT ELEVATIONS

Scale: 1/4" = 1'-0"

GENERAL SHEET NOTES

1. PROVIDE IGU-1 GLAZING IN ALL FRAMES ELEVATED ON THIS SHT, UNLESS OTHERWISE NOTED ON FRAME ELEVATION.
2. REFER TO PROJECT MANUAL DIVISION 08 41 13 FOR ALUMINUM STOREFRONT FRAMING.
3. REFER TO PROJECT MANUAL SPEC SECTION 088000 FOR GLAZING TYPES DESIGNATED ON THIS SHT.
4. REFER TO BUILDING PLANS AND ELEVATIONS FOR LOCATIONS OF FRAME TYPES.
5. FIELD VERIFY ROUGH OPENINGS PRIOR TO FABRICATION.
6. PROVIDE INSULATED METAL INFILL PANELS GLAZED INTO FRAMING WHERE INDICATED AS "MP" ON FRAME TYPE ELEVATIONS. PANEL FINISH TO MATCH FRAMING.
7. REFER TO PROJECT MANUAL SPEC SECTION 08 45 23 FOR FIBERGLASS SANDWICH PANEL ASSEMBLIES

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
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BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEGIS STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

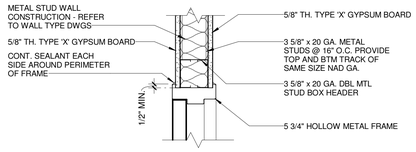
TITLE

ALUMINUM DOOR AND FRAME ELEVATIONS

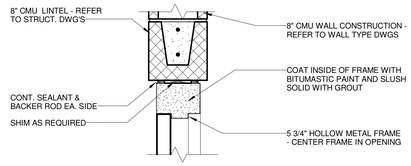
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A620

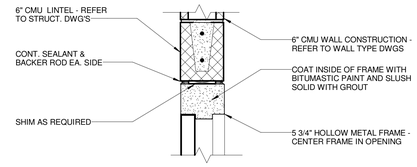
SHEET NO.



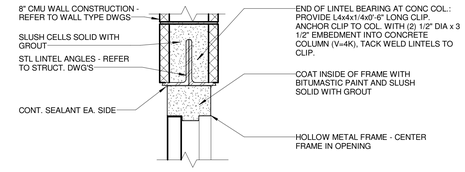
E6 HEAD DETAIL
Scale: 1 1/2" = 1'-0"



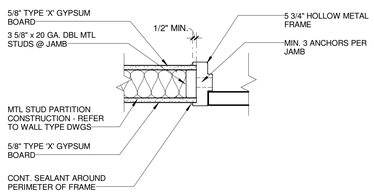
E5 HEAD DETAIL
Scale: 1 1/2" = 1'-0"



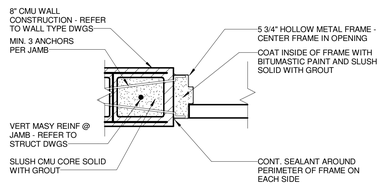
E3 HEAD DETAIL
Scale: 1 1/2" = 1'-0"



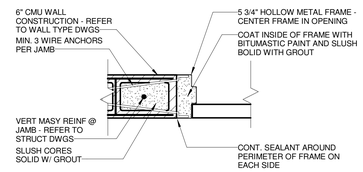
E2 HEAD DETAIL
Scale: 1 1/2" = 1'-0"



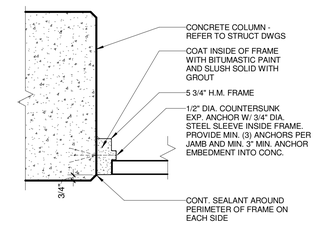
D6 JAMB DETAIL
Scale: 1 1/2" = 1'-0"



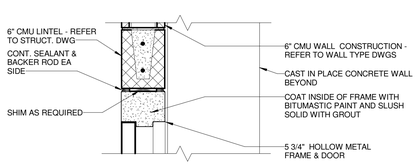
D5 JAMB DETAIL
Scale: 1 1/2" = 1'-0"



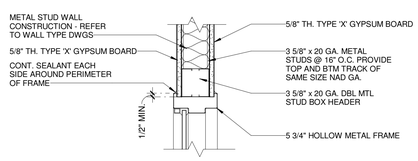
D3 JAMB DETAIL
Scale: 1 1/2" = 1'-0"



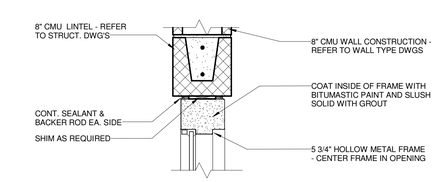
D2 JAMB DETAIL
Scale: 1 1/2" = 1'-0"



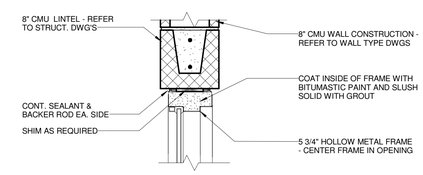
B6 HEAD DETAIL
Scale: 1 1/2" = 1'-0"



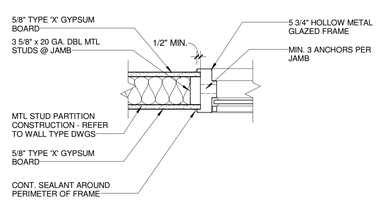
B5 HEAD DETAIL
Scale: 1 1/2" = 1'-0"



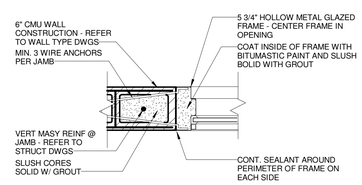
B3 HEAD DETAIL
Scale: 1 1/2" = 1'-0"



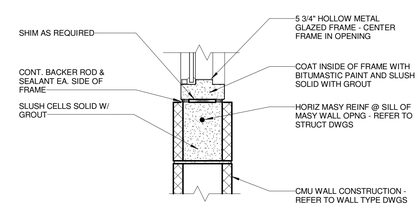
B2 HEAD DETAIL
Scale: 1 1/2" = 1'-0"



A5 JAMB DETAIL
Scale: 1 1/2" = 1'-0"



A3 JAMB DETAIL
Scale: 1 1/2" = 1'-0"



A2 SILL DETAIL
Scale: 1 1/2" = 1'-0"

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SIDHU ASSOCIATES, INC.
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HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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KEY PLAN

SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

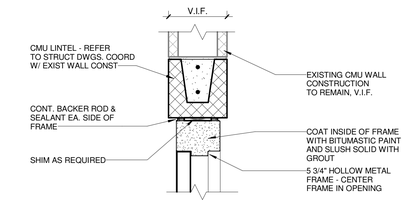
TITLE

HOLLOW METAL DETAILS

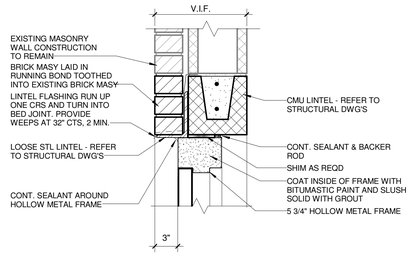
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A650

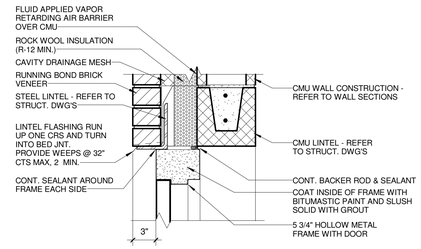
SHEET NO.



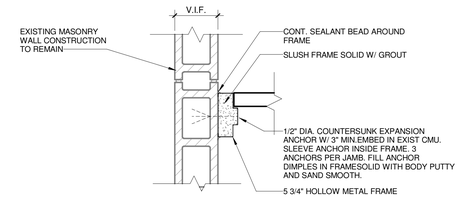
E6 HEAD DETAIL
Scale: 1 1/2" = 1'-0"



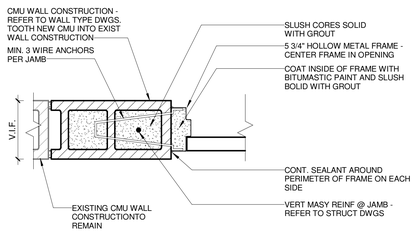
E5 HEAD DETAIL
Scale: 1 1/2" = 1'-0"



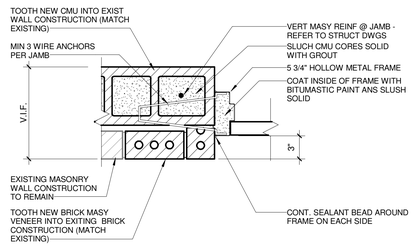
E3 HEAD DETAIL
Scale: 1 1/2" = 1'-0"



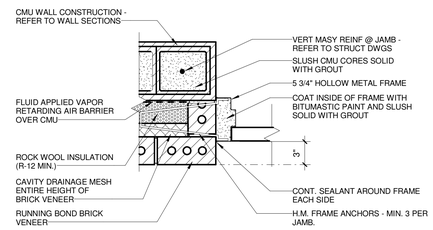
E2 JAMB DETAIL
Scale: 1 1/2" = 1'-0"



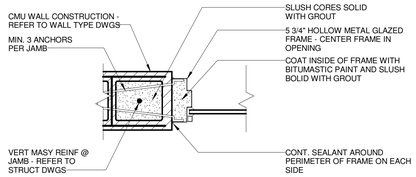
D6 JAMB DETAIL
Scale: 1 1/2" = 1'-0"



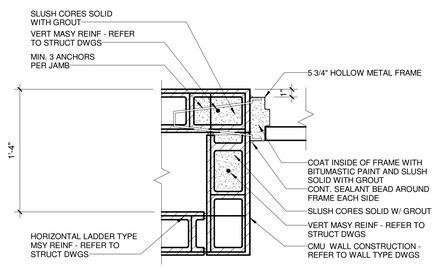
D5 JAMB DETAIL
Scale: 1 1/2" = 1'-0"



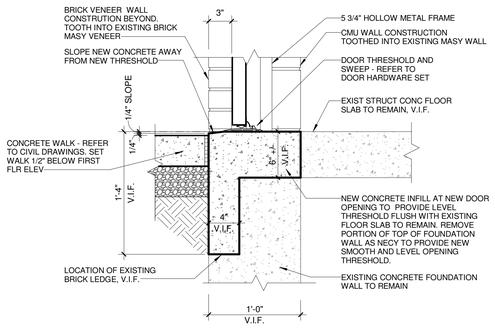
D3 JAMB DETAIL
Scale: 1 1/2" = 1'-0"



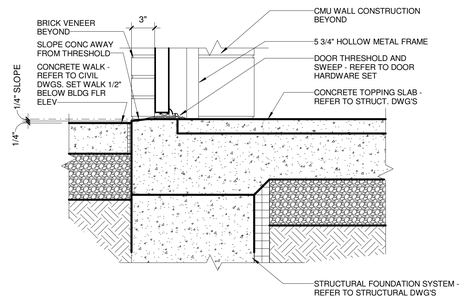
D2 JAMB DETAIL
Scale: 1 1/2" = 1'-0"



B6 JAMB DETAIL
Scale: 1 1/2" = 1'-0"



B5 SILL DETAIL
Scale: 1 1/2" = 1'-0"



B3 SILL DETAIL
Scale: 1 1/2" = 1'-0"

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SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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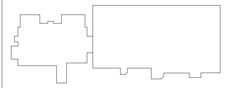
KEY PLAN



SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	GLJ
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

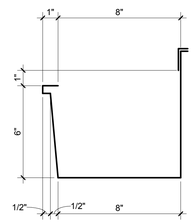
TITLE

HOLLOW METAL DETAILS

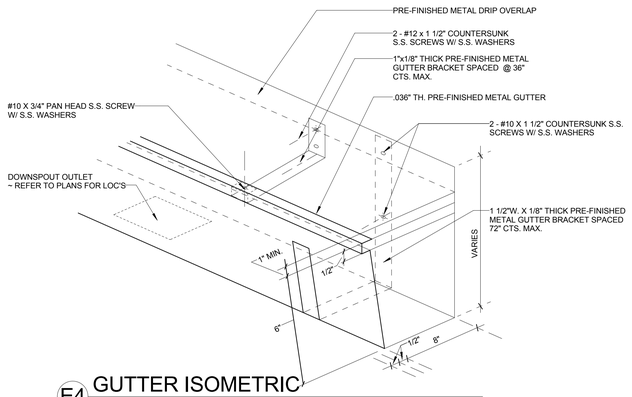
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A651

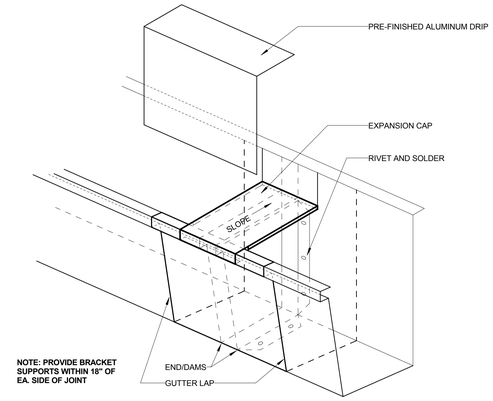
SHEET NO.



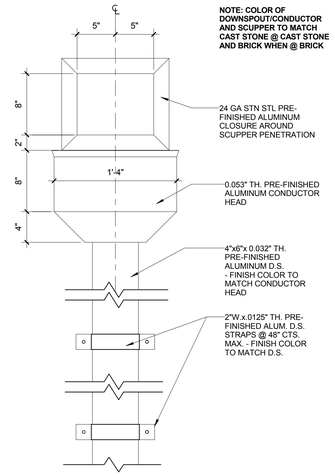
E5 GUTTER PROFILE
Scale: 3" = 1'-0"



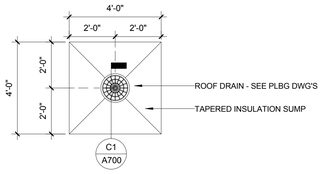
E4 GUTTER ISOMETRIC
Scale: 1 1/2" = 1'-0"



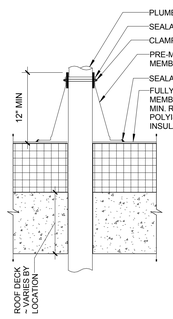
E2 EXPANSION JOINT ISOMETRIC
Scale: 1 1/2" = 1'-0"



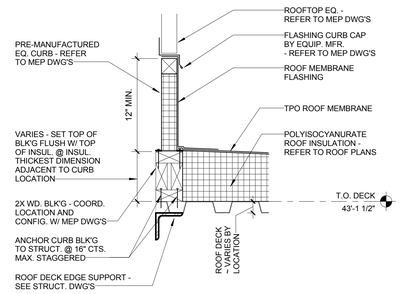
E1 SCUPPER/CONDUCTOR HEAD/D.S.
Scale: 1 1/2" = 1'-0"



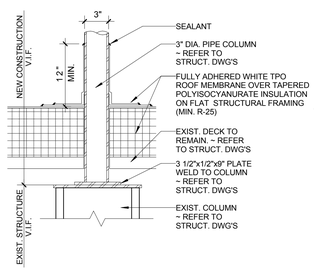
C6 ROOF DRAIN PLAN (TYP.)
Scale: N.T.S.



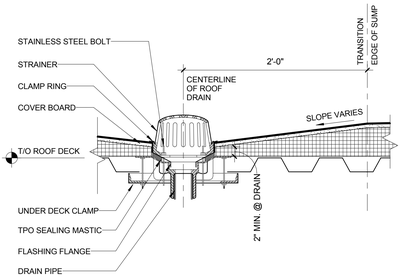
C5 PLUMBING VENT DETAIL (TYP.)
Scale: 1 1/2" = 1'-0"



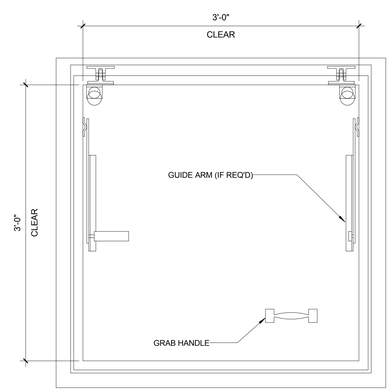
C3 ROOF PENETRATION/MECHANICAL CURB
Scale: 1 1/2" = 1'-0"



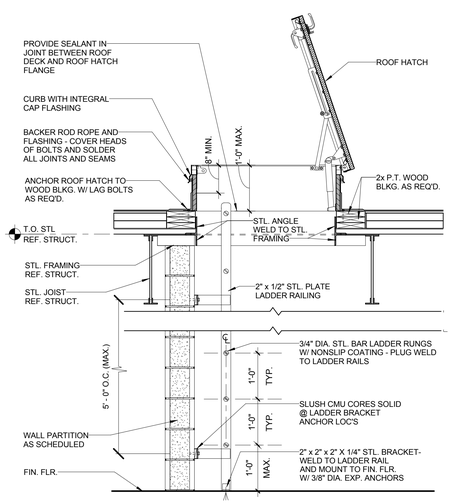
C2 STRUCTURAL PIPE PENETRATION
Scale: 1 1/2" = 1'-0" C3/A703



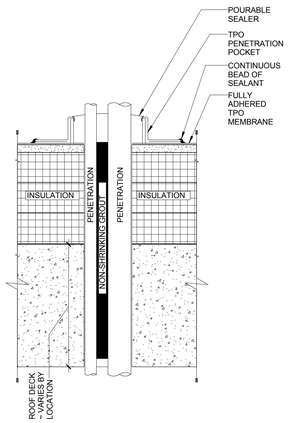
C1 ROOF DRAIN SECTION (TYP.)
Scale: 1 1/2" = 1'-0"



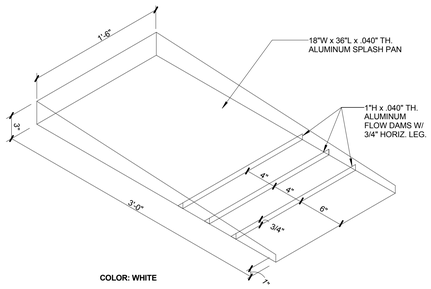
A6 ROOF HATCH PLAN
Scale: 1 1/2" = 1'-0"



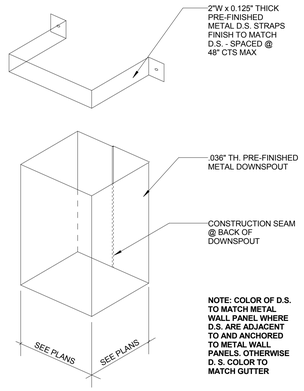
A4 HIGH SECURITY ROOF HATCH DETAIL
Scale: 3/4" = 1'-0"



A3 ROOF PIPING/CONDUIT PENETRATION DETAIL (TYP.)
Scale: 3" = 1'-0"



A2 SPLASH PAN DETAIL (TYP.)
Scale: 1 1/2" = 1'-0"



A1 DOWNSPOUT @ GUTTERS ISOMETRIC
Scale: 1 1/2" = 1'-0"

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SIDHU ASSOCIATES, INC. Consulting Engineers
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SEAL
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KEY PLAN

SCALE
As indicated

No.	Description	Date

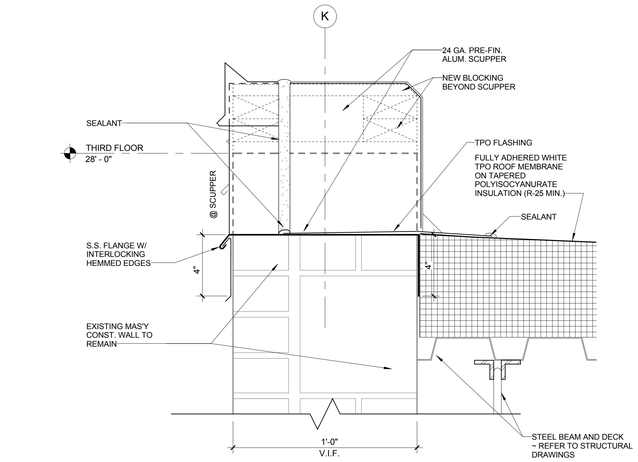
REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

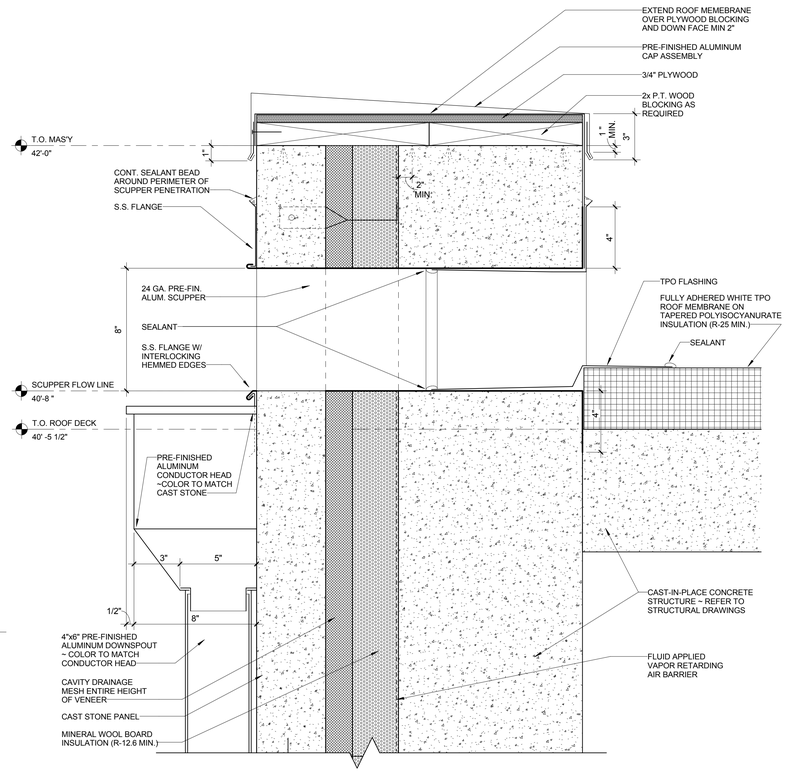
TITLE
ROOF DETAILS

PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

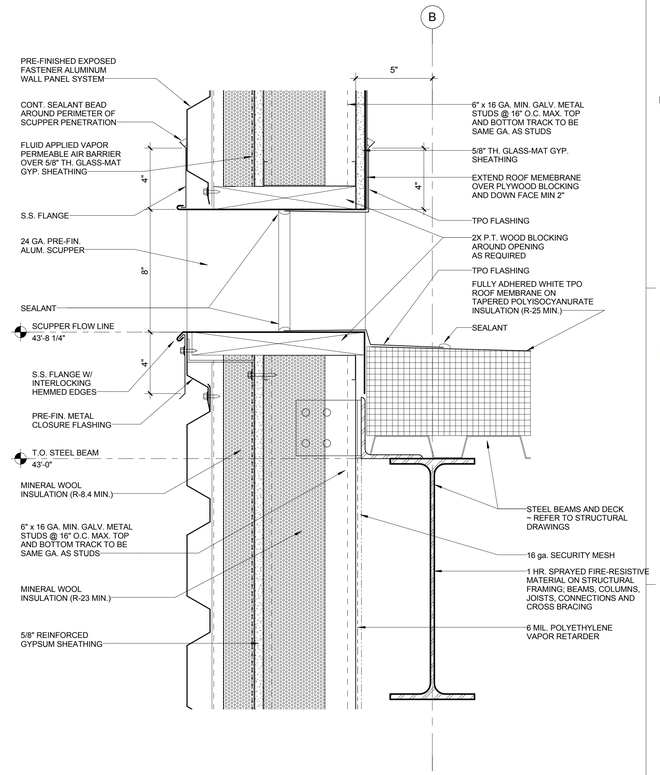
A700
SHEET NO.



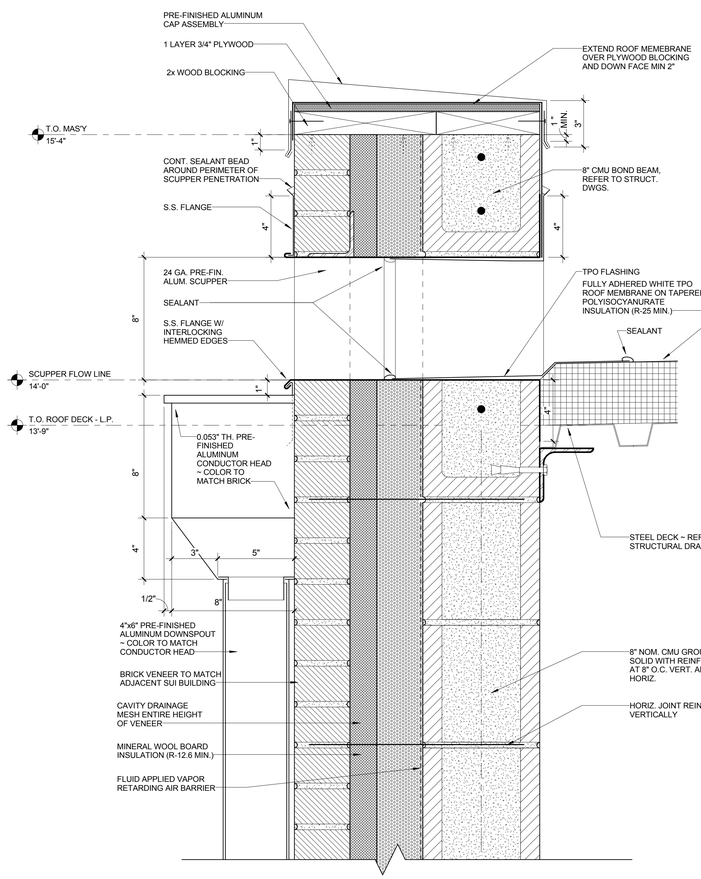
D6 SCUPPER DETAIL
Scale: 3" = 1'-0"



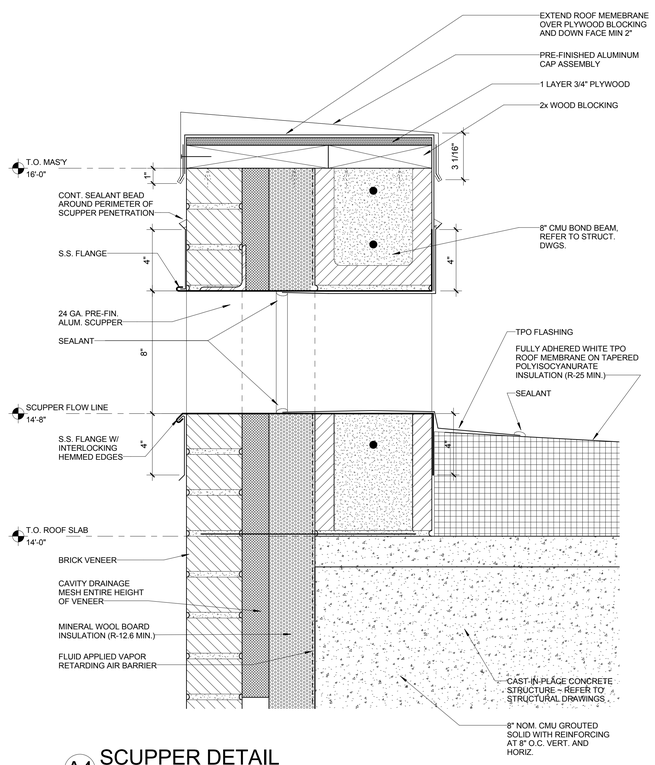
D4 SCUPPER DETAIL
Scale: 3" = 1'-0"



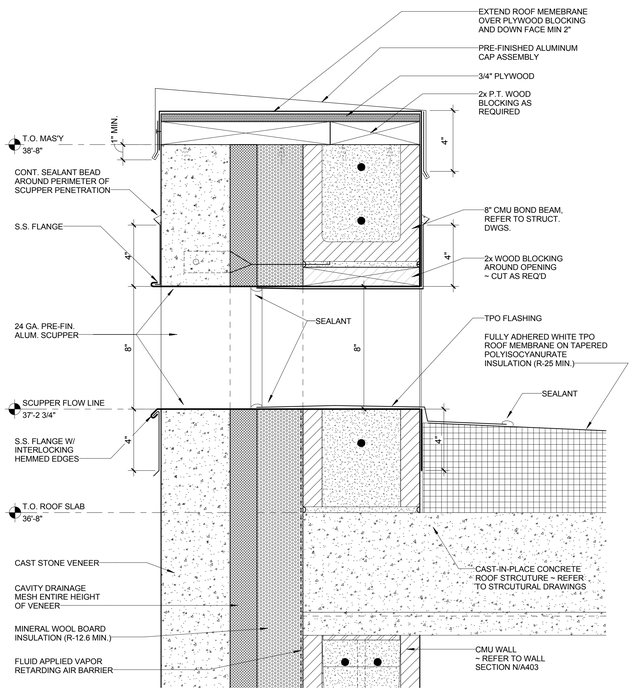
D2 SCUPPER DETAIL
Scale: 3" = 1'-0"



A6 SCUPPER DETAIL
Scale: 3" = 1'-0"



A4 SCUPPER DETAIL
Scale: 3" = 1'-0"



A2 SCUPPER DETAIL
Scale: 3" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
EMPLOYEE PLAZA RD. SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS
ECO ARCHITECTURE, PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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KEY PLAN

SCALE

3" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

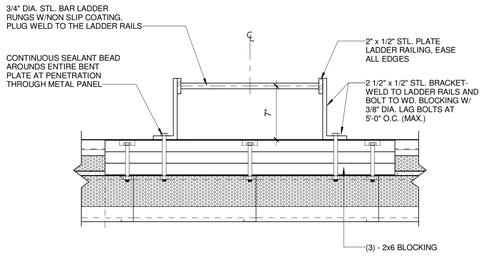
TITLE

ROOF DETAILS

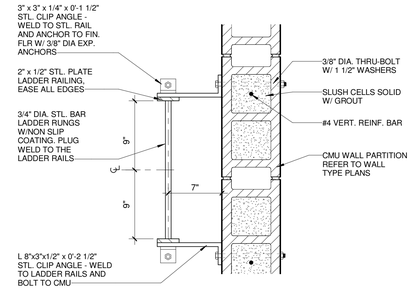
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A701

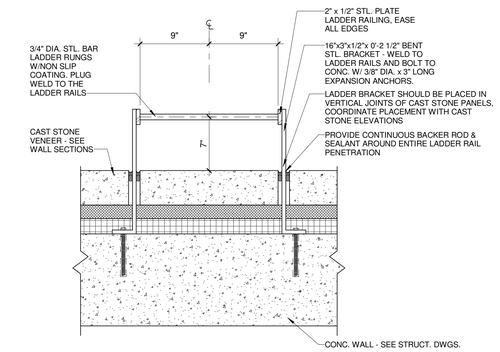
SHEET NO.



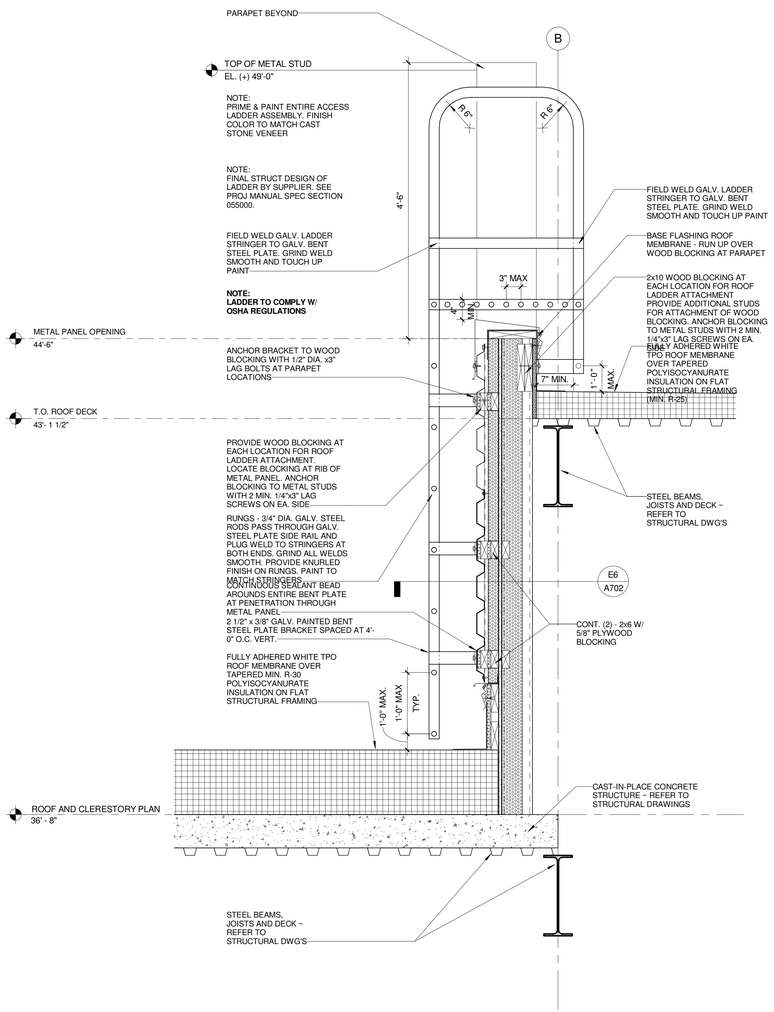
E6 LADDER PLAN DETAIL
Scale: 1 1/2" = 1'-0"



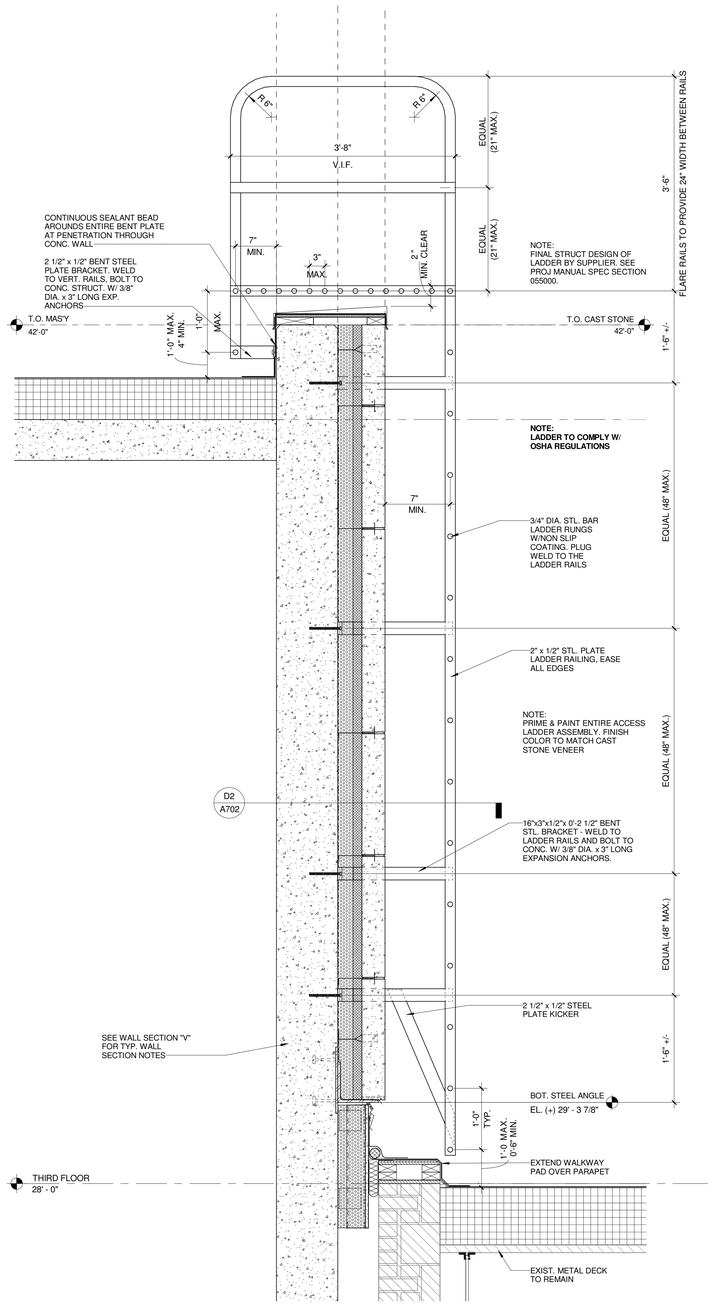
F2 LADDER PLAN DETAIL
Scale: 1 1/2" = 1'-0"



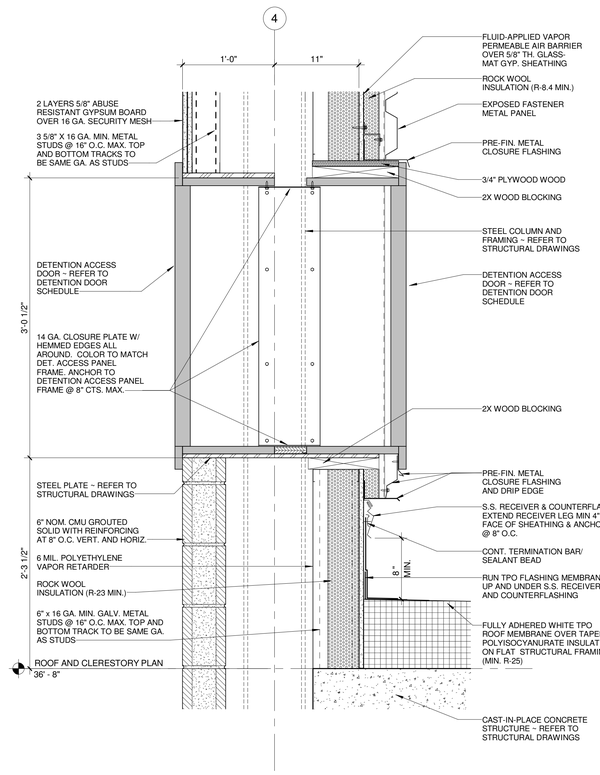
D2 LADDER PLAN DETAIL
Scale: 1 1/2" = 1'-0"



A6 ROOF LADDER SECTION - 1/AP140A
Scale: 1" = 1'-0"



A4 ROOF LADDER SECTION - 1/AP130B
Scale: 1" = 1'-0"



A2 ACCESS PANEL SECTION
Scale: 1 1/2" = 1'-0"

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

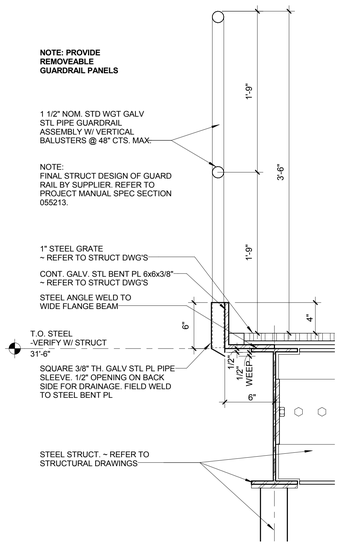
TITLE

ROOF DETAILS

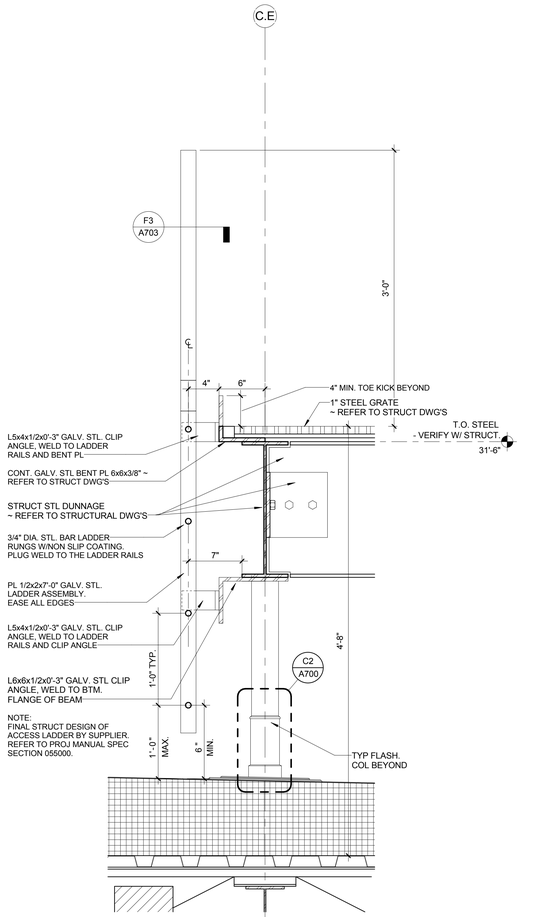
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A702

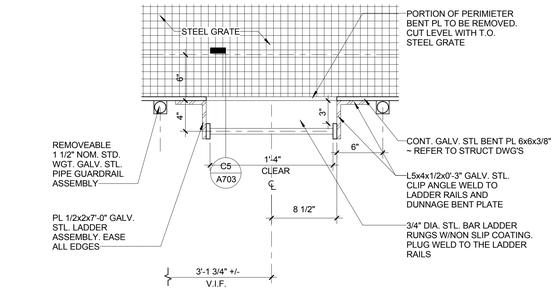
SHEET NO.



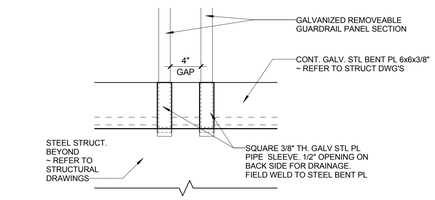
C6 C4/A703
Scale: 1 1/2" = 1'-0" C3/A703



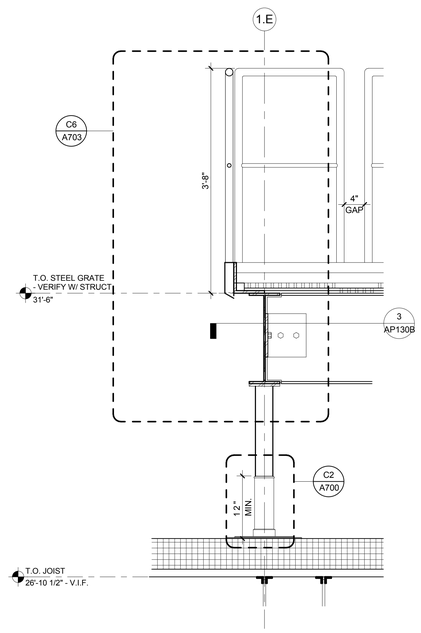
C5 1/AP130B
Scale: 1 1/2" = 1'-0"



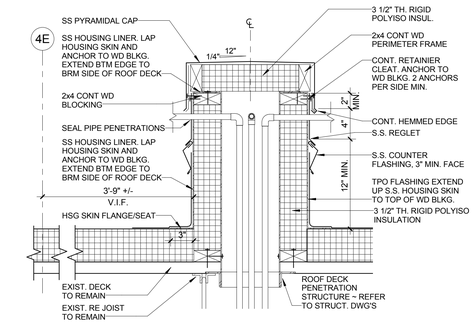
F3 1/AP130B
Scale: 1 1/2" = 1'-0"



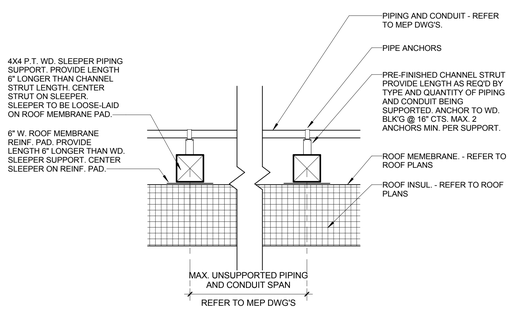
F1 2/A300
Scale: 1 1/2" = 1'-0"



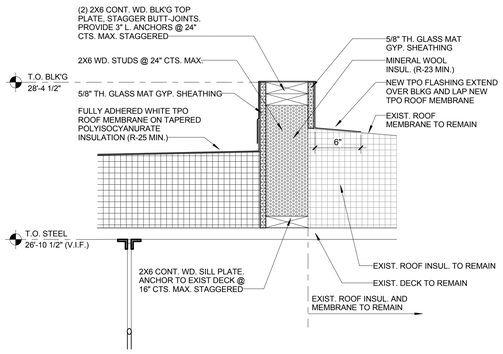
C3 1/AP130B
Scale: 1" = 1'-0"



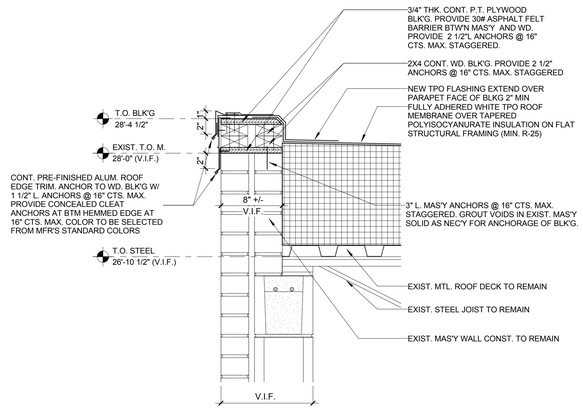
C1 HOUSING FOR MULTIPLE PIPE PENETRATION
Scale: 1 1/2" = 1'-0" 5/A203



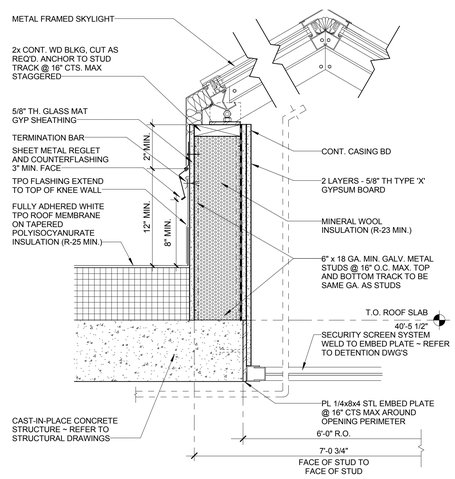
A6 TYP. ROOF TOP PIPING SUPPORT
Scale: 1 1/2" = 1'-0"



A5 1/AP130B
Scale: 1 1/2" = 1'-0"



A3 1/AP130B
Scale: 1 1/2" = 1'-0"



A1 1/AP140A
Scale: 1 1/2" = 1'-0"

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KEY PLAN

SCALE
As indicated

No.	Description	Date

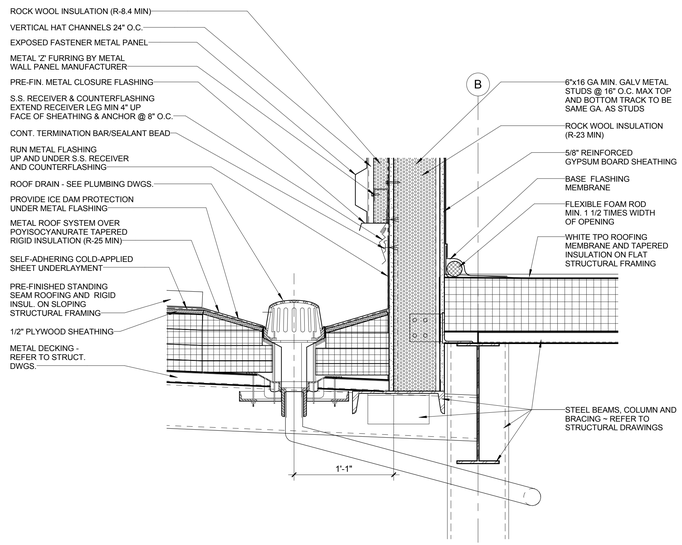
REVISIONS

DRAWN BY	DEW
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

TITLE
ROOF DETAILS

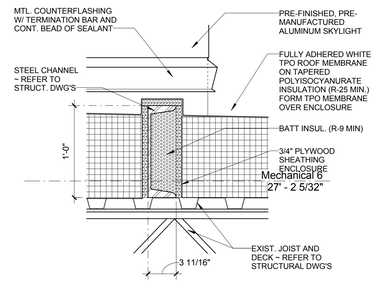
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A703
SHEET NO.



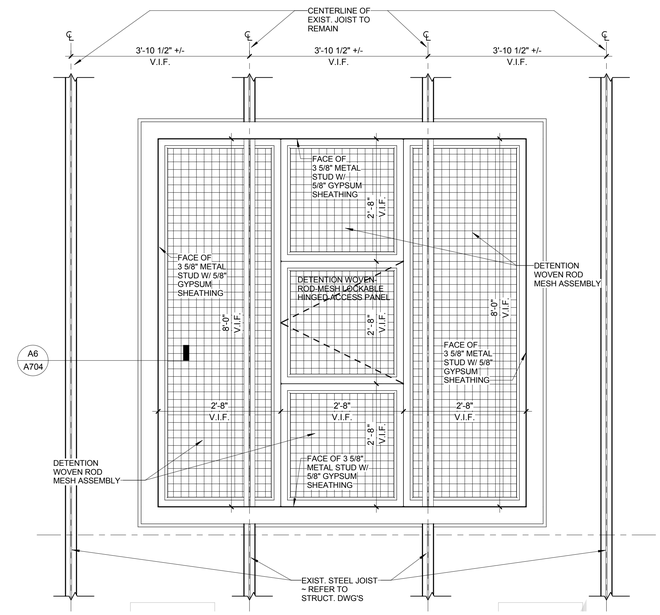
D4 STAIR "A" ROOF DRAIN DETAIL

Scale: 1 1/2" = 1'-0"



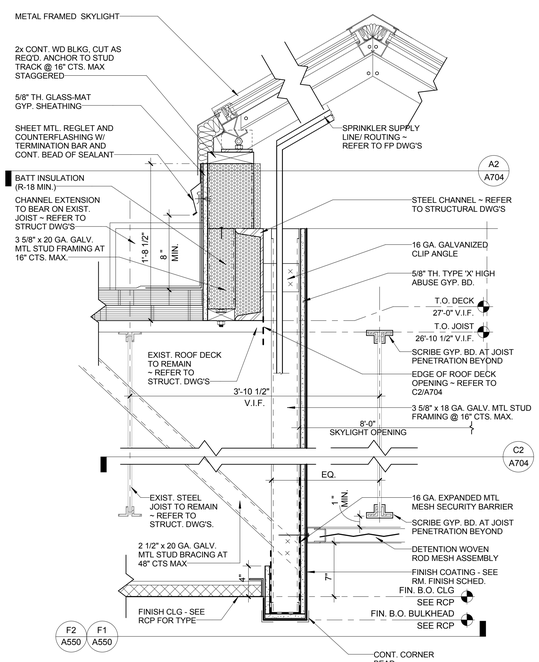
C3 C2/A704

Scale: 1 1/2" = 1'-0"



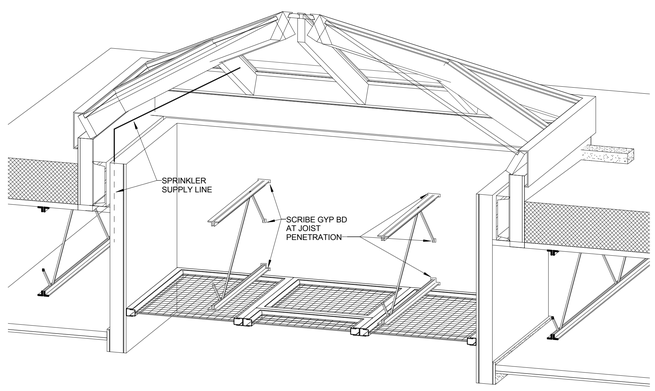
C2 SKYLIGHT FRAMING PLAN - 12'-0" AFF (DET. A6/A704)

Scale: 3/4" = 1'-0"



A6 SKYLIGHT / CLG DTL

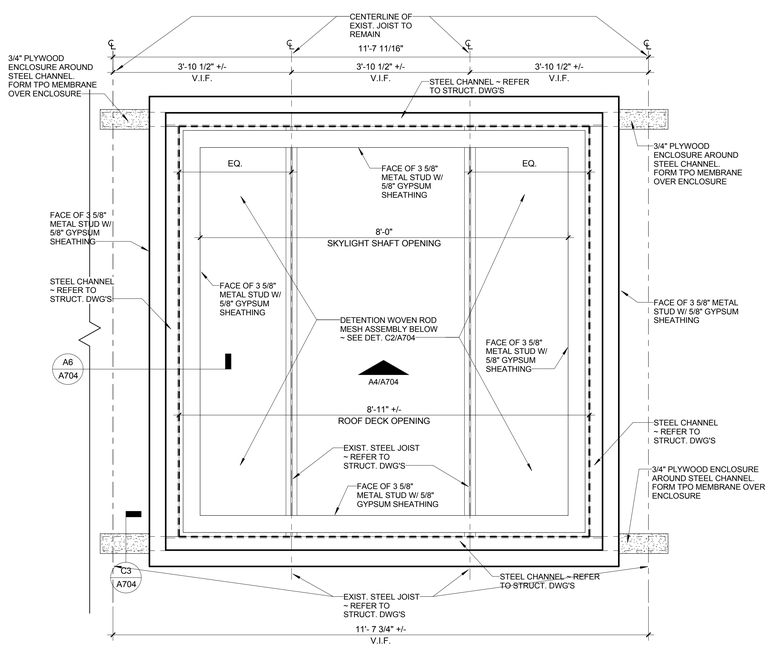
Scale: 1 1/2" = 1'-0"



NOTE: DRAWING FOR ILLUSTRATION PURPOSES ONLY.
NOT INTENDED FOR CONSTRUCTION PURPOSES

A4 SUI ROOF SKYLIGHT ISOMETRIC

Scale: N.T.S.



A2 SKYLIGHT FRAMING PLAN - 14'-8" AF (DET. A6/A704)

Scale: 3/4" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	DEW
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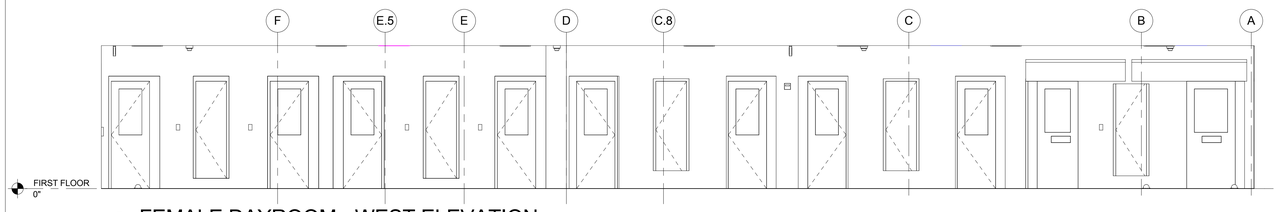
TITLE

ROOF DETAILS

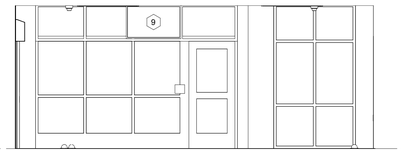
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A704

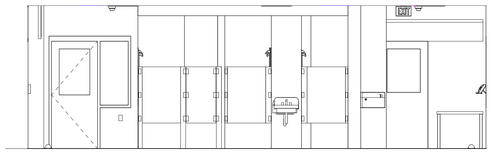
SHEET NO.



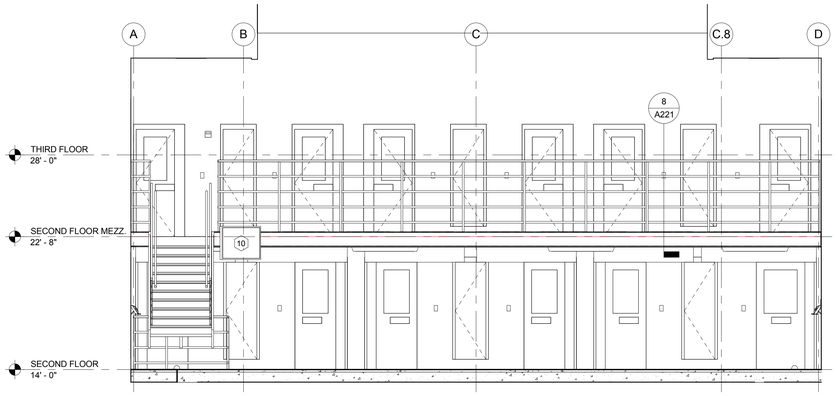
F5 FEMALE DAYROOM - WEST ELEVATION
Scale: 1/4" = 1'-0"



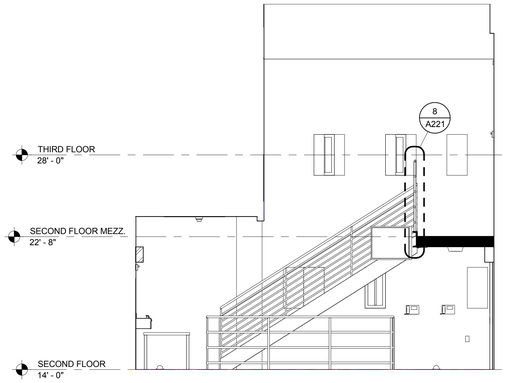
F3 FEMALE DAYROOM - NORTH ELEV.
Scale: 1/4" = 1'-0"



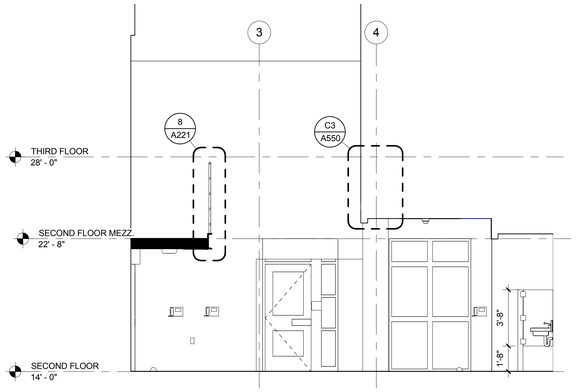
F2 FEMALE DAYROOM - EAST ELEVATION
Scale: 1/4" = 1'-0"



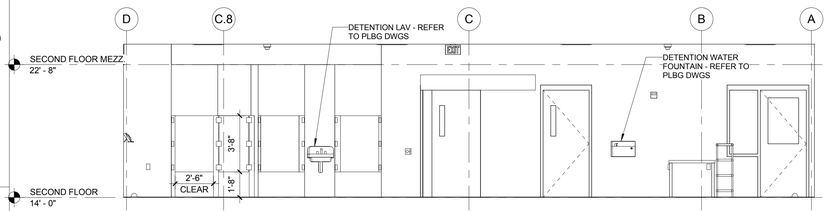
E5 MALE HOUSING - EAST ELEVATION
Scale: 1/4" = 1'-0"



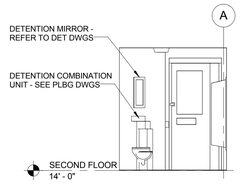
E3 MALE HOUSING - NORTH ELEVATION
Scale: 1/4" = 1'-0"



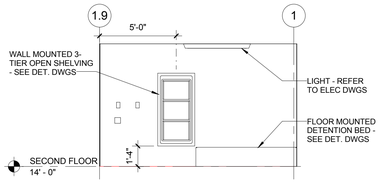
E2 MALE HOUSING - SOUTH ELEVATION
Scale: 1/4" = 1'-0"



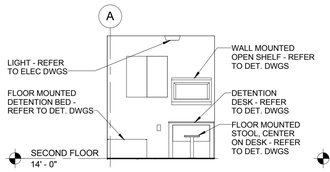
D6 MALE HOUSING - W. ELEV.
Scale: 1/4" = 1'-0"



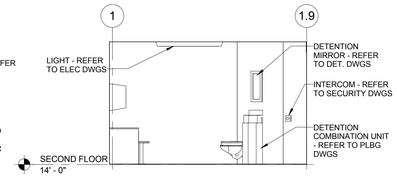
D4 TYP. CELL
Scale: 1/4" = 1'-0"



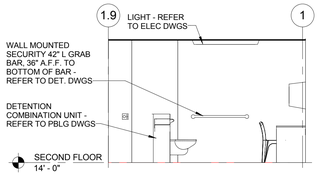
D3 TYP. CELL
Scale: 1/4" = 1'-0"



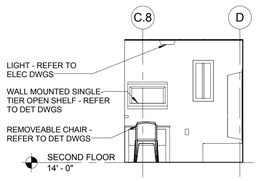
D2 TYP. CELL
Scale: 1/4" = 1'-0"



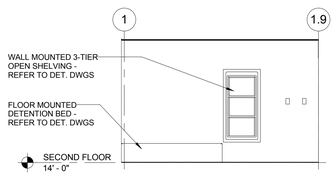
D1 TYP. CELL
Scale: 1/4" = 1'-0"



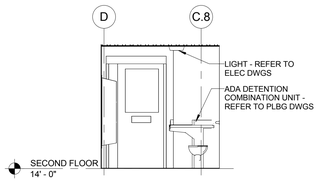
C4 TYP. ADA CELL
Scale: 1/4" = 1'-0"



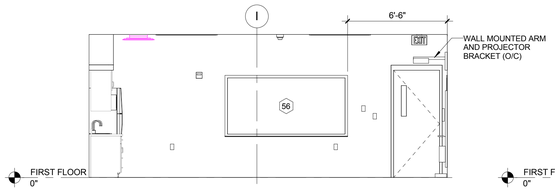
C3 TYP. ADA CELL
Scale: 1/4" = 1'-0"



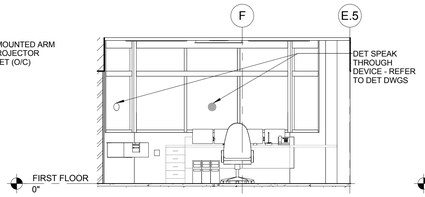
C2 TYP. ADA CELL
Scale: 1/4" = 1'-0"



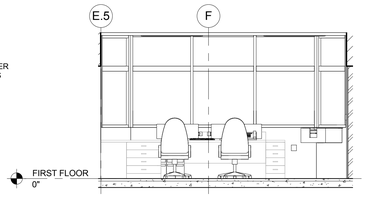
C1 TYP. ADA CELL
Scale: 1/4" = 1'-0"



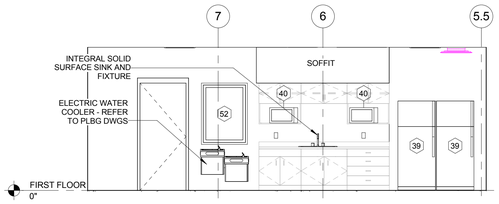
B4 STAFF BREAK AREA - EAST ELEVATION
Scale: 1/4" = 1'-0"



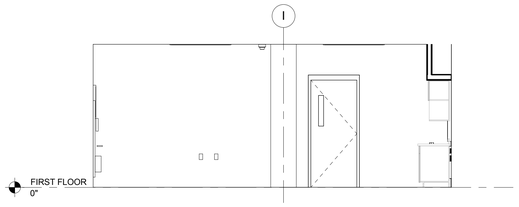
B2 MASTER CONTROL - W. ELEV.
Scale: 1/4" = 1'-0"



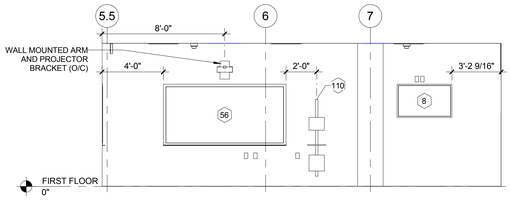
B1 MASTER CONTROL - E. ELEV.
Scale: 1/4" = 1'-0"



A6 STAFF BREAK AREA-NORTH ELEVATION
Scale: 1/4" = 1'-0"



A4 STAFF BREAK AREA - WEST ELEVATION
Scale: 1/4" = 1'-0"



A2 STAFF BREAK AREA - SOUTH ELEVATION
Scale: 1/4" = 1'-0"

GENERAL NOTES

1. SEE FE SHEETS FOR (#) EQUIPMENT TAGGED HERE.
2. SEE CASEWORK ELEVATIONS FOR CASEWORK SHOWN HERE.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
10003/5700 PLAZA DR. SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS
ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814. EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	CRD
CHECKED BY	CRD
DATE	2-5-2015

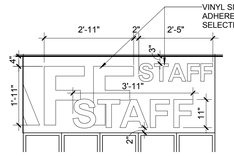
TITLE

INTERIOR ELEVATIONS

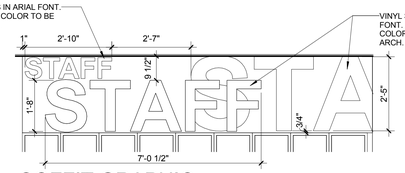
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A900

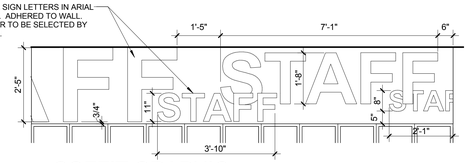
SHEET NO.



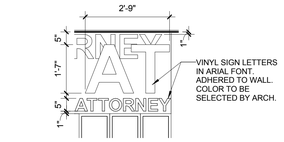
F5 SOFFIT GRAPHIC
Scale: 1/2" = 1'-0"



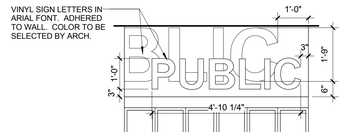
F4 SOFFIT GRAPHIC
Scale: 1/2" = 1'-0"



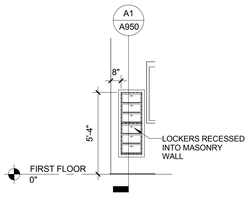
F3 SOFFIT GRAPHIC
Scale: 1/2" = 1'-0"



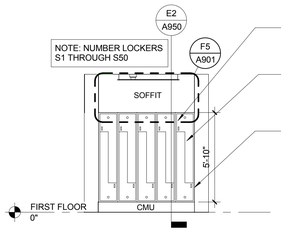
F2 SOFFIT GRAPHIC
Scale: 1/2" = 1'-0"



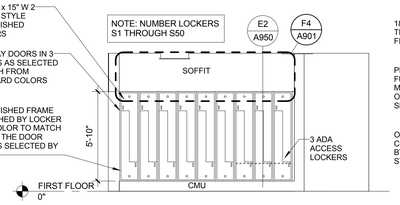
F1 SOFFIT GRAPHIC
Scale: 1/2" = 1'-0"



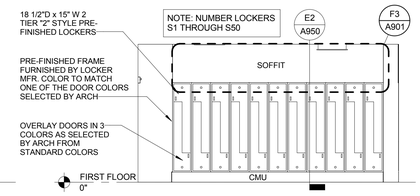
E6 PISTOL LOCKERS
Scale: 1/4" = 1'-0"



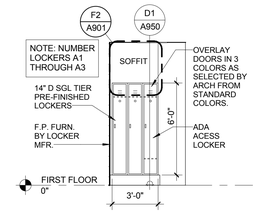
E5 STAFF LOCKERS - EAST ELEV.
Scale: 1/4" = 1'-0"



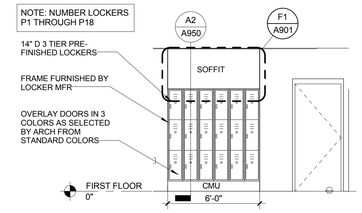
E4 STAFF LOCKER - NORTH ELEV.
Scale: 1/4" = 1'-0"



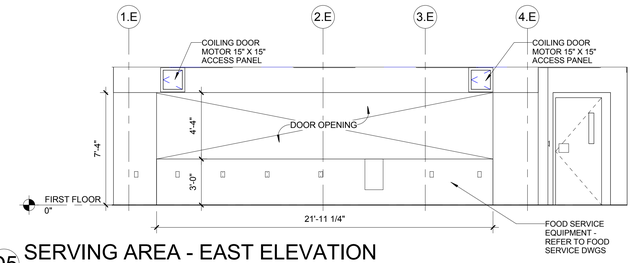
E3 STAFF LOCKERS - WEST ELEV.
Scale: 1/4" = 1'-0"



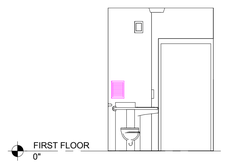
E2 LOBBY LOCKER ELEV. - WEST
Scale: 1/4" = 1'-0"



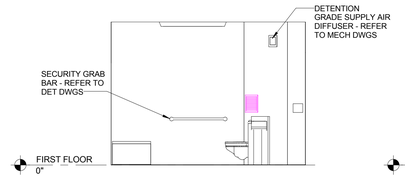
E1 LOBBY LOCKER ELEV. - SOUTH
Scale: 1/4" = 1'-0"



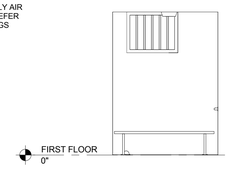
D5 SERVING AREA - EAST ELEVATION
Scale: 1/4" = 1'-0"



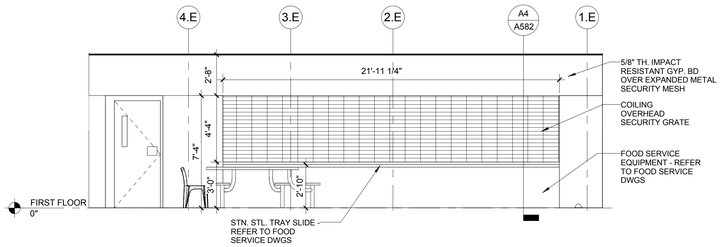
D3 ADA SAFE CELL
Scale: 1/4" = 1'-0"



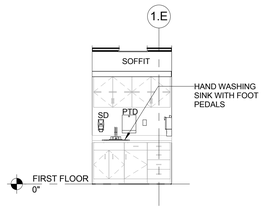
D2 ADA SAFE CELL
Scale: 1/4" = 1'-0"



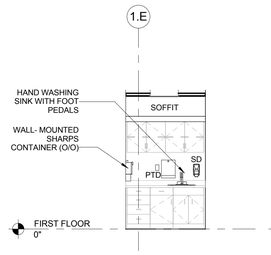
D1 ADA SAFE CELL
Scale: 1/4" = 1'-0"



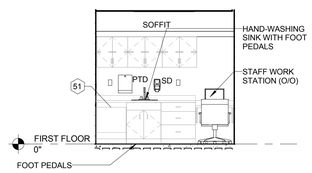
C6 YOUTH DINING - WEST ELEVATION
Scale: 1/4" = 1'-0"



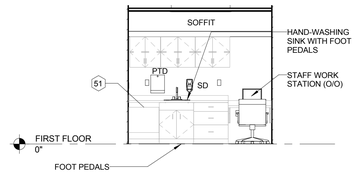
C4 ANTE ROOM 4.21.1
Scale: 1/4" = 1'-0"



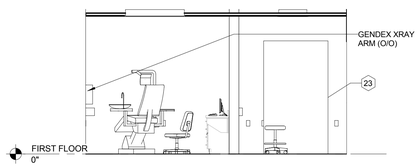
C3 ANTE ROOM 4.21.2
Scale: 1/4" = 1'-0"



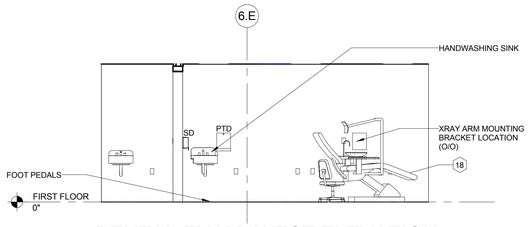
C2 NURSE EXAM
Scale: 1/4" = 1'-0"



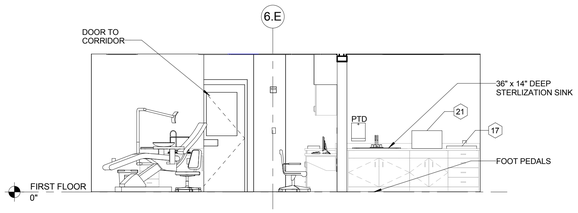
C1 CLINICIAN EXAM
Scale: 1/4" = 1'-0"



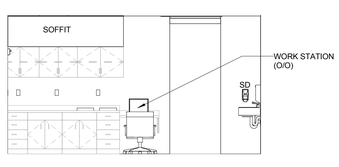
B5 DENTAL DIGITAL IMAGING
Scale: 1/4" = 1'-0"



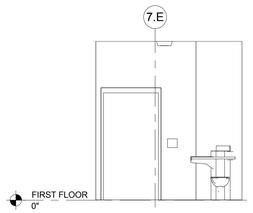
B4 DENTAL EXAM- WEST ELEVATION
Scale: 1/4" = 1'-0"



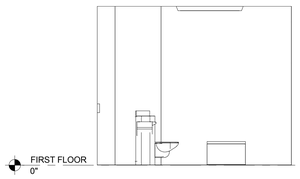
B3 DENTAL EXAM - EAST ELEVATION
Scale: 1/4" = 1'-0"



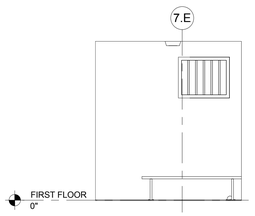
B1 DENTAL EXAM- SOUTH ELEVATION
Scale: 1/4" = 1'-0"



A4 TYP. SAFE CELL
Scale: 1/4" = 1'-0"



A3 TYP. SAFE CELL
Scale: 1/4" = 1'-0"



A2 TYP SAFE CELL
Scale: 1/4" = 1'-0"

GENERAL NOTES

1. SEE FE SHEETS FOR (#) EQUIPMENT TAGGED HERE.
2. SEE CASEWORK ELEVATIONS FOR CASEWORK SHOWN HERE.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEGIC STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	CRD
CHECKED BY	JLB
DATE	2-5-2015

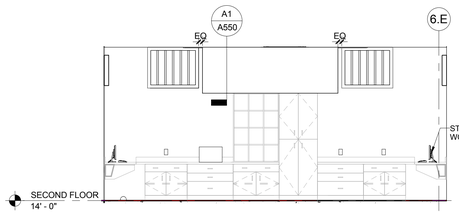
TITLE

INTERIOR ELEVATIONS

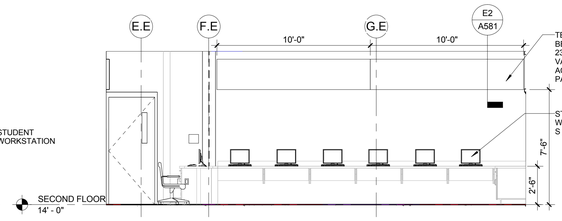
PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

A901

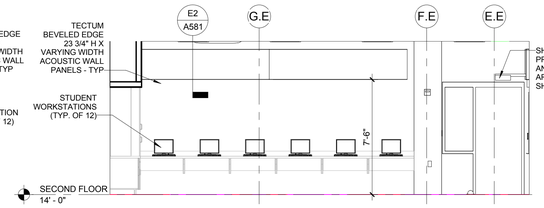
SHEET NO.



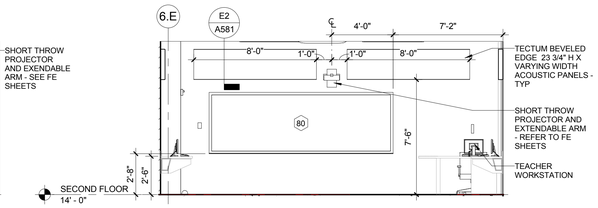
F6 COMPUTER LAB - WEST ELEVATION
Scale: 1/4" = 1'-0"



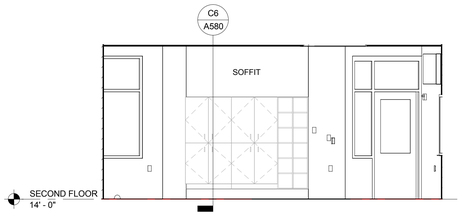
F5 COMPUTER LAB - SOUTH ELEVATION
Scale: 1/4" = 1'-0"



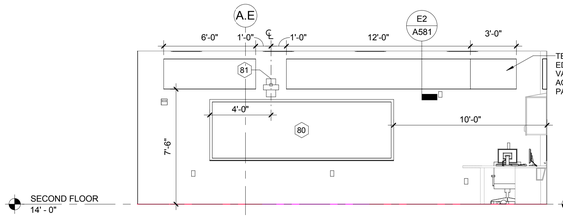
F3 COMPUTER LAB - NORTH ELEVATION
Scale: 1/4" = 1'-0"



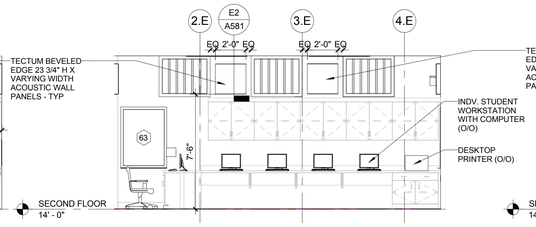
F2 COMPUTER LAB - EAST ELEVATION
Scale: 1/4" = 1'-0"



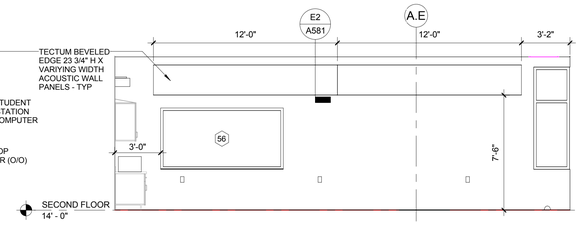
E6 TYP. CLASSROOM - WEST ELEVATION
Scale: 1/4" = 1'-0"



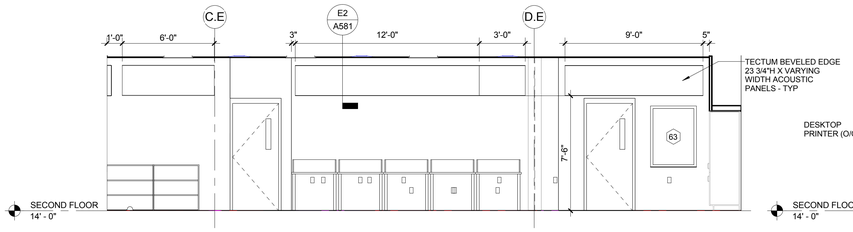
E5 TYP. CLASSROOM - NORTH ELEVATION
Scale: 1/4" = 1'-0"



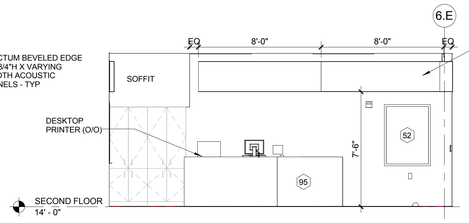
E3 TYP. CLASSROOM - EAST ELEVATION
Scale: 1/4" = 1'-0"



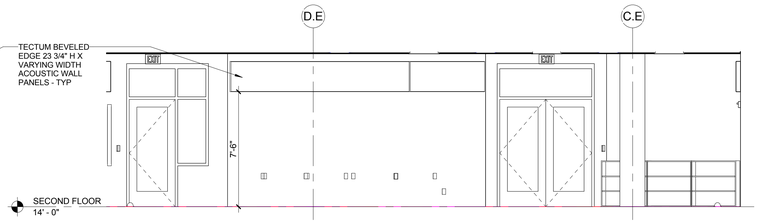
E2 TYP. CLASSROOM - SOUTH ELEVATION
Scale: 1/4" = 1'-0"



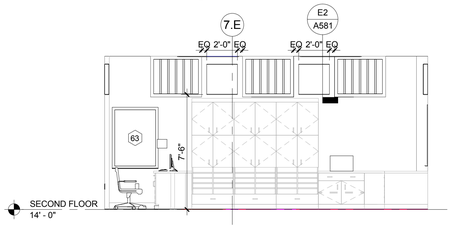
D5 MEDIA CENTER - SOUTH ELEVATION
Scale: 1/4" = 1'-0"



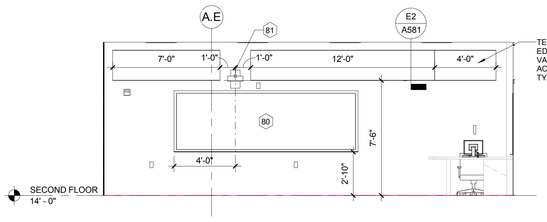
D3 MEDIA CENTER WEST ELEVATION
Scale: 1/4" = 1'-0"



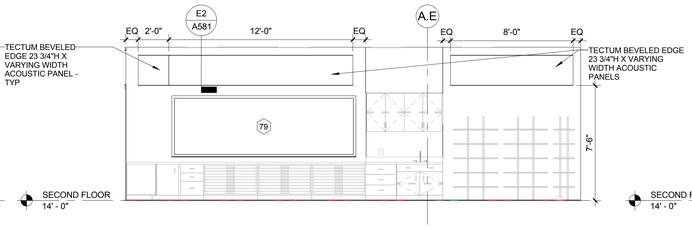
D2 MEDIA CENTER - NORTH ELEVATION
Scale: 1/4" = 1'-0"



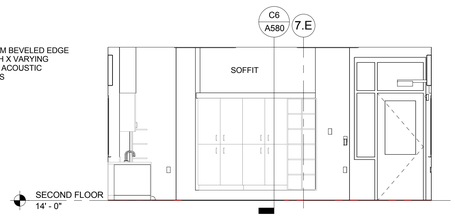
C6 ART ROOM 9.1.5 - EAST ELEVATION
Scale: 1/4" = 1'-0"



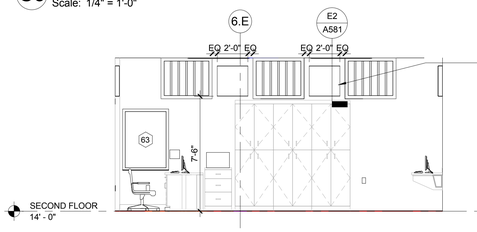
C4 ART ROOM 9.1.5 - NORTH ELEVATIOM
Scale: 1/4" = 1'-0"



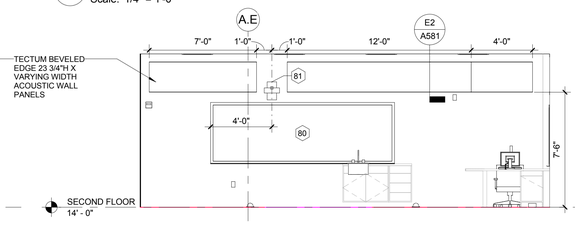
C3 ART ROOM 9.1.5 - SOUTH ELEVATION
Scale: 1/4" = 1'-0"



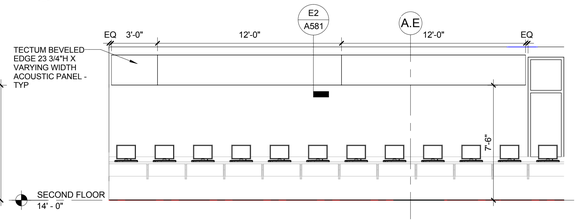
C2 ART ROOM 9.1.5 - WEST ELEVATION
Scale: 1/4" = 1'-0"



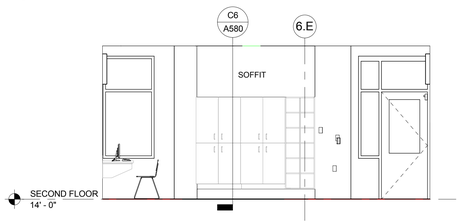
B6 SCIENCE LAB 9.1.4 - EAST ELEVATION
Scale: 1/4" = 1'-0"



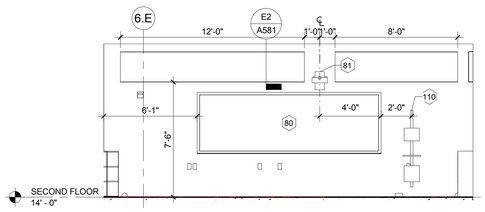
B4 SCIENCE LAB 9.1.4 - NORTH ELEVATION
Scale: 1/4" = 1'-0"



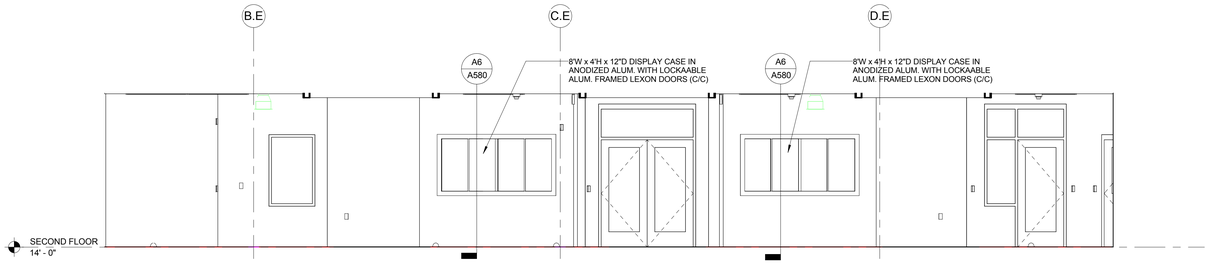
B3 SCIENCE LAB 9.1.4 - SOUTH ELEVATION
Scale: 1/4" = 1'-0"



B2 SCIENCE LAB 9.1.4 - WEST ELEVATION
Scale: 1/4" = 1'-0"



A5 MEDIA CENTER - EAST ELEVATION
Scale: 1/4" = 1'-0"



A4 COMMONS - 11.2.11 - EAST ELEVATION
Scale: 1/4" = 1'-0"

GENERAL NOTES

1. SEE FE SHEETS FOR (#) EQUIPMENT TAGGED HERE.
2. SEE CASEWORK ELEVATIONS FOR CASEWORK SHOWN HERE.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

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LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGIE STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

INTERIOR ELEVATIONS

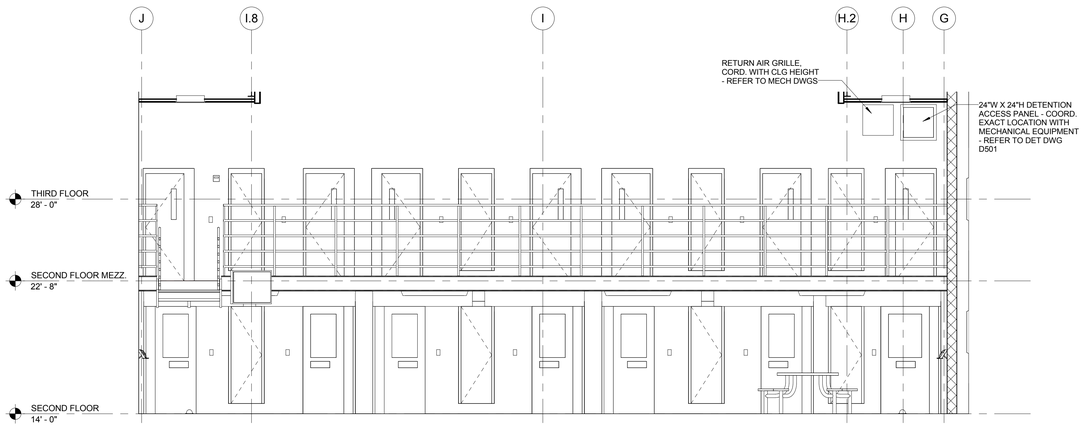
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A902

SHEET NO.

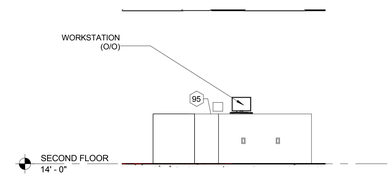
GENERAL NOTES

1. SEE FE SHEETS FOR (#) EQUIPMENT TAGGED HERE.
2. SEE CASEWORK ELEVATIONS FOR CASEWORK SHOWN HERE.

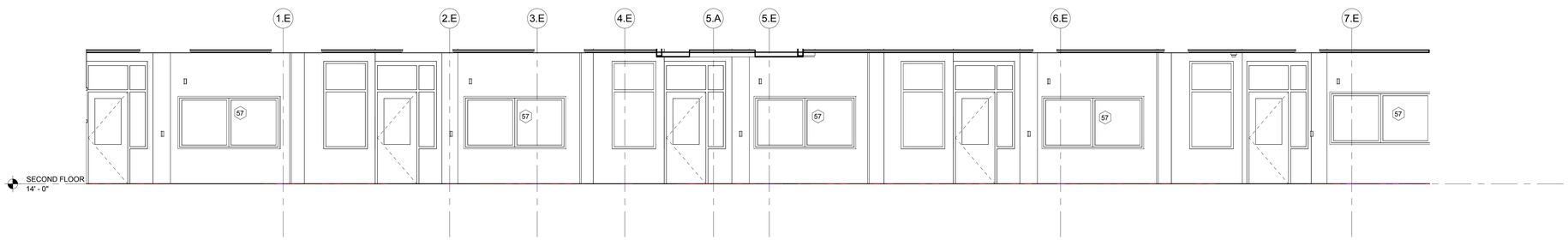


1 ELEVATION - SOUTHWEST HOUSING POD
Scale: 1/4" = 1'-0"

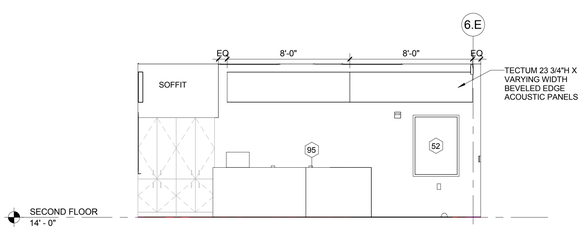
E2 MEDIA CENTER B
Scale: 1/4" = 1'-0"



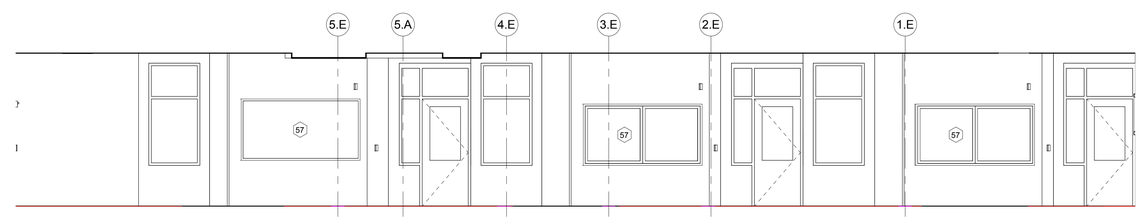
E1 MEDIA CENTER A
Scale: 1/4" = 1'-0"



C5 CORRIDOR - 11.2.10 - NORTH ELEVATION
Scale: 1/4" = 1'-0"

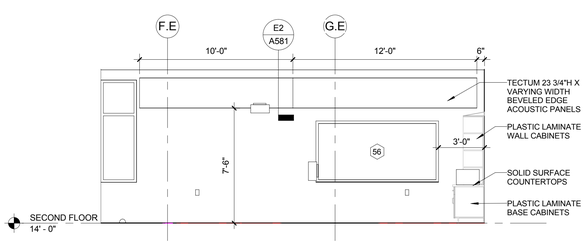


E4 MEDIA CENTER C
Scale: 1/4" = 1'-0"

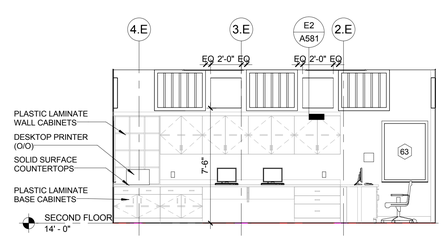


B4 CORRIDOR - 11.2.12 - SOUTH ELEVATION
Scale: 1/4" = 1'-0"

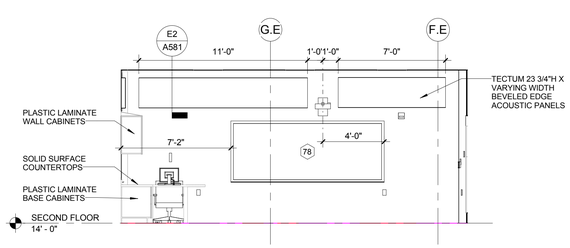
A6 SM. CLASSROOM - NORTH ELEVATION
Scale: 1/4" = 1'-0"



A5 SM. CLASSROOM - EAST ELEVATION
Scale: 1/4" = 1'-0"



A3 SM. CLASSROOM - SOUTH
Scale: 1/4" = 1'-0"



A1 SM. CLASSROOM - WEST ELEVATION
Scale: 1/4" = 1'-0"

A JOINT-VENTURE BETWEEN
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BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEGIC STATE OF MARYLAND

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	MDR
APPROVED BY	JLB
CHECKED BY	KAF
DATE	2-5-2015

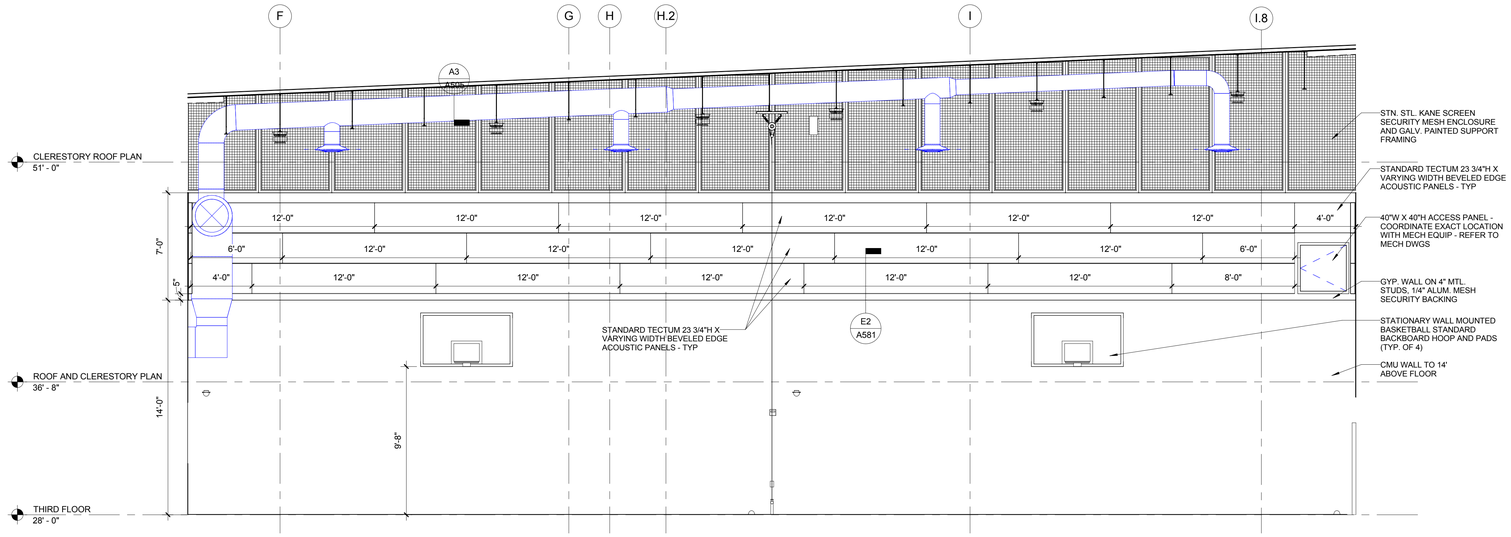
TITLE

INTERIOR ELEVATIONS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

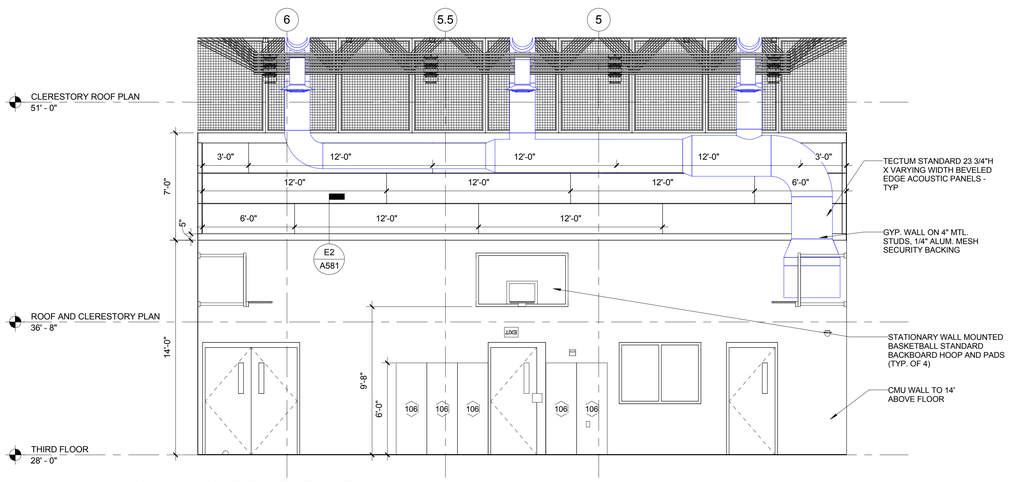
A903

SHEET NO.



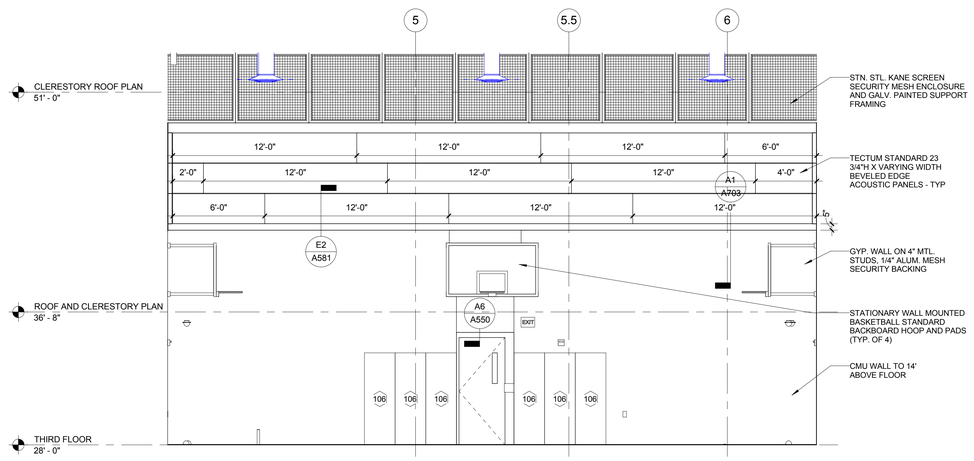
E4 GYMNASIUM - EAST ELEVATION

Scale: 1/4" = 1'-0"



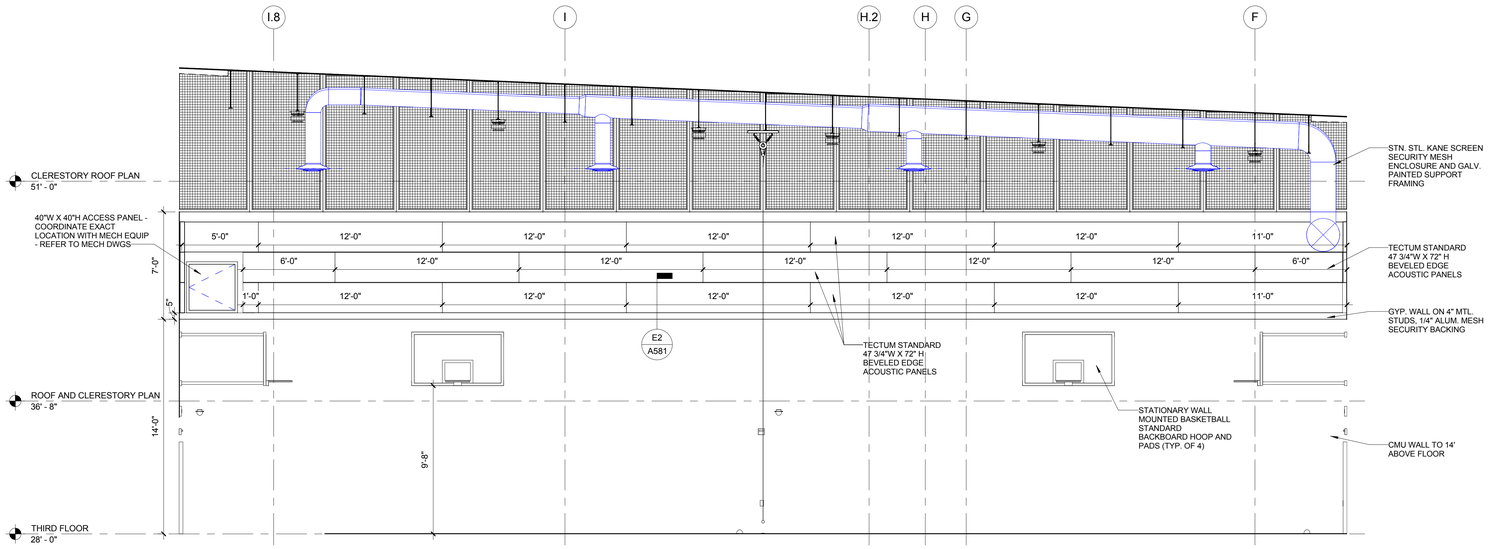
C6 GYNMASIUM - NORTH ELEVATION

Scale: 1/4" = 1'-0"



C2 GYMNASIUM - SOUTH ELEVATION

Scale: 1/4" = 1'-0"



A4 GYMNASIUM - WEST ELEVATION

Scale: 1/4" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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Consulting Engineers
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BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BRIGHT STATE OF MARYLAND

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KEY PLAN

SCALE

1/4" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

INTERIOR ELEVATIONS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

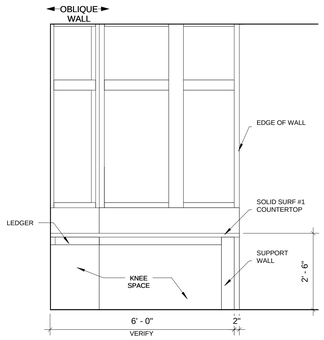
A904

SHEET NO.

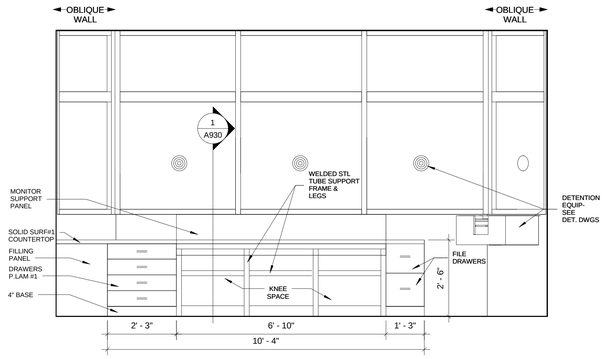
CASEWORK MATERIALS

SOLID SURFACING #1: FORMICA LUNA CONCRETE 781
SOLID SURFACING #2: FORMICA ARCTIC10
SS: STAINLESS STEEL
P.LAM #1: FORMICA SMOKY WALNUT WOODLINE 6926-NT
P.LAM #2: FORMICA WHEAT STRAND 6212-58
P.LAM #3: WILSONART KENSINGTON MAPLE 10776-60
RESILIENT BASE: RSB 1 (SEE FINISH SCHEDULE)
SCIENCE LAB CASEWORK: SEE SECTION "WOOD LABORATORY CASEWORK" FOR MANUFACTURED WOOD LABORATORY CASEWORK.
SOLID SURFACING SINKS: SEE SECTION "SIMULATED STONE COUNTERTOPS" FOR SINKS FABRICATED & INSTALLED AS PART OF SOLID SURFACING COUNTERTOPS
SS SINKS: SEE SECTION "METAL COUNTERTOPS" FOR SINKS FABRICATED & INSTALLED AS PART OF STAINLESS STEEL COUNTERTOPS
SINKS AT LAB CASEWORK: SEE SECTION "WOOD LABORATORY CASEWORK" FOR SINKS FABRICATED & INSTALLED AS PART OF LABORATORY COUNTERTOPS
LOUVERS STAINLESS STEEL

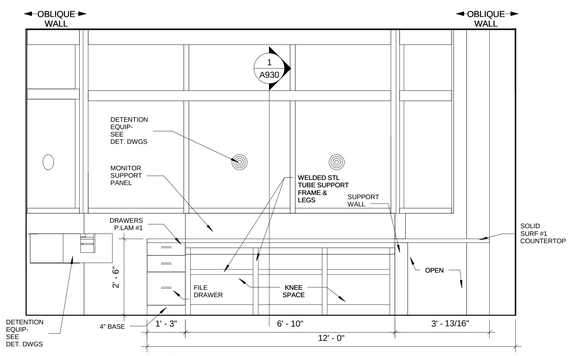
CASEWORK GENERAL NOTES
1. COORDINATE WITH PLUMBING FIXTURES FOR HOLES AT COUNTERTOPS FOR FAUCETS & OTHER FITTINGS.
2. COORDINATE WITH ELECTRICAL FOR HOLES AT COUNTERTOPS AND CASEWORK FOR ELECTRICAL CONDUIT, RACEWAY, BOXES & OTHER DEVICES.
3. SEE DIV. 11 SPEC SECTION "TAMPER-PROOF METAL FASTENERS" FOR REQUIREMENTS FOR AND LOCATIONS TO RECEIVE SECURITY FASTENERS.
4. PROVIDE FILLER PANELS AT ENDS OF CABINETS ABUTTING WALLS; FINISH TO MATCH ADJACENT CABINET.
5. PROVIDE FIRE-RETARDANT TREATED WOOD BLOCKING AT CASEWORK.
6. PROVIDE LOCKS AT ALL DOORS & DRAWERS.
7. SCRIBE ALL COUNTERTOPS TO WALLS.
8. PROVIDE GROMMETS AS INDICATED AT COMPUTER LOCATIONS, OR IF NOT SHOWN, AT EACH COMPUTER IN STAFF AREAS OR ONE PER TWO COMPUTERS IN DETAINEE AREAS. SEE SPECIFICATION FOR REQUIRED GROMMET TYPES FOR LOCATIONS INACCESSIBLE TO DETAINEES AND LOCATIONS ACCESSIBLE TO DETAINEES.



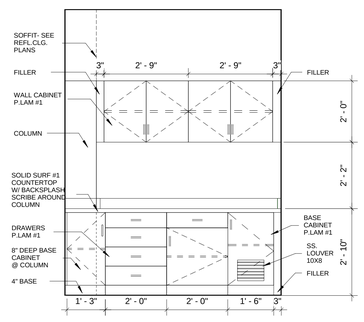
3 SECURITY SCREEN 0.6
Scale: 1/2" = 1'-0"



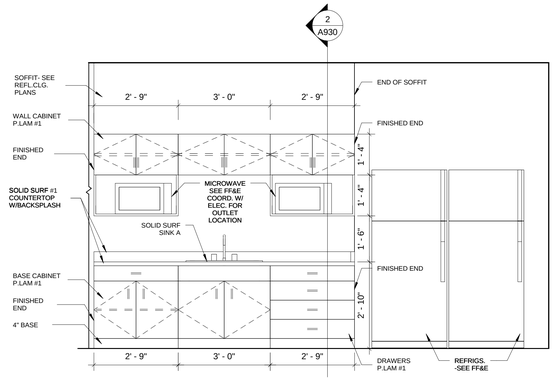
4 MASTER CONTROL 7.1 - EAST ELEVATION
Scale: 1/2" = 1'-0"



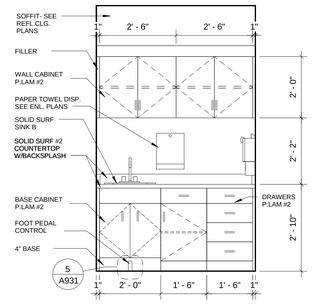
5 MASTER CONTROL 7.1 - WEST ELEVATION
Scale: 1/2" = 1'-0"



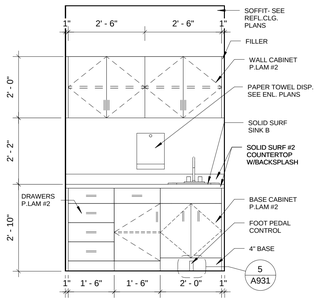
6 CONFERENCE ROOM 1.3
Scale: 1/2" = 1'-0"



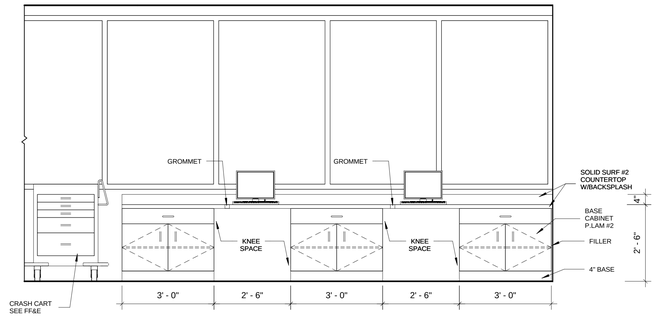
7 STAFF BREAK AREA 7.6
Scale: 1/2" = 1'-0"



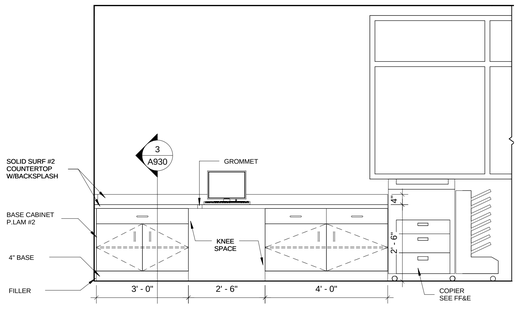
8 ANTE ROOM 4.21.1
Scale: 1/2" = 1'-0"



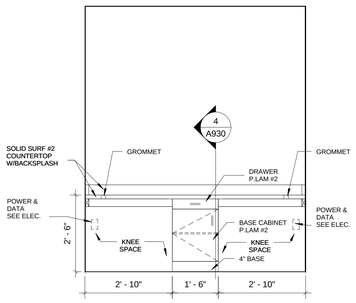
9 ANTE ROOM 4.21.2
Scale: 1/2" = 1'-0"



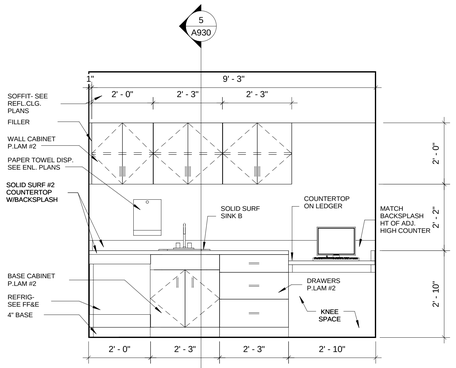
10 NURSE STATION 4.5 - EAST ELEVATION
Scale: 1/2" = 1'-0"



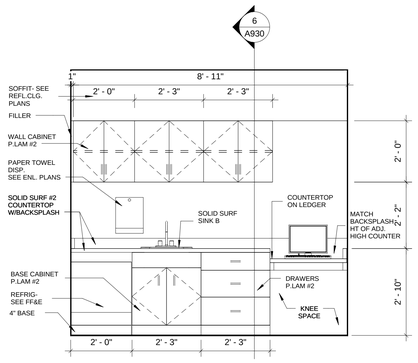
11 NURSE STATION 4.5 - WEST ELEVATION
Scale: 1/2" = 1'-0"



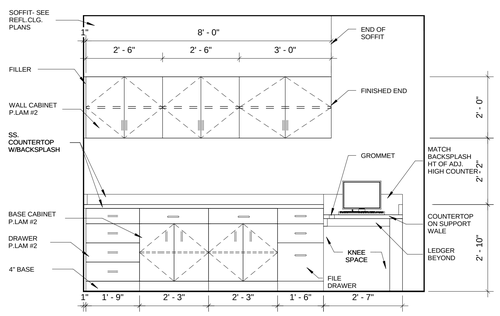
12 MEDICAL FILE ROOM 4.9
Scale: 1/2" = 1'-0"



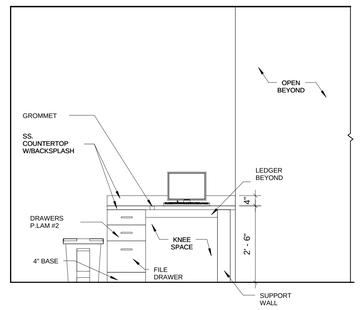
13 CLINICIAN EXAM 4.3
Scale: 1/2" = 1'-0"



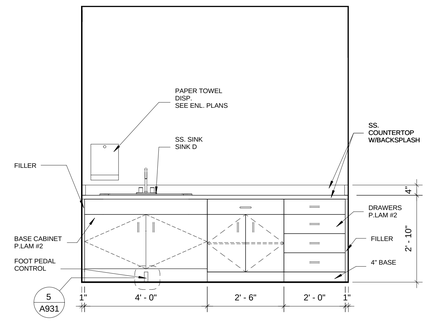
14 NURSE EXAM 4.2
Scale: 1/2" = 1'-0"



15 DENTAL 4.12 - SOUTH ELEVATION
Scale: 1/2" = 1'-0"



16 DENTAL 4.12 - EAST ELEVATION
Scale: 1/2" = 1'-0"



17 DENTAL 4.12 - EAST ELEVATION
Scale: 1/2" = 1'-0"

A JOINT-VENTURE BETWEEN
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EBA ENGINEERING
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STATE OF MARYLAND - DPSCS
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BALTIMORE MARYLAND

SEAL
CONNECTICUT REGISTRATION 6928-R DANIEL LEROY BAILEY STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.
Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE
1/2" = 1'-0"

No.	Description	Date

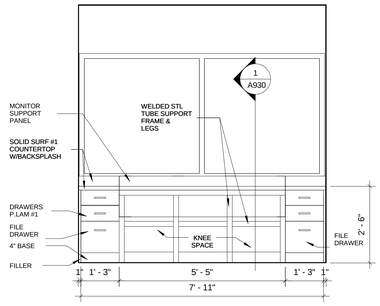
REVISIONS

DRAWN BY	Author
APPROVED BY	Approver
CHECKED BY	Checker
DATE	02-05-2015

TITLE
CASEWORK ELEVATIONS FIRST FLOOR

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

A920
SHEET NO.



1 LOCAL CONTROL 2.8
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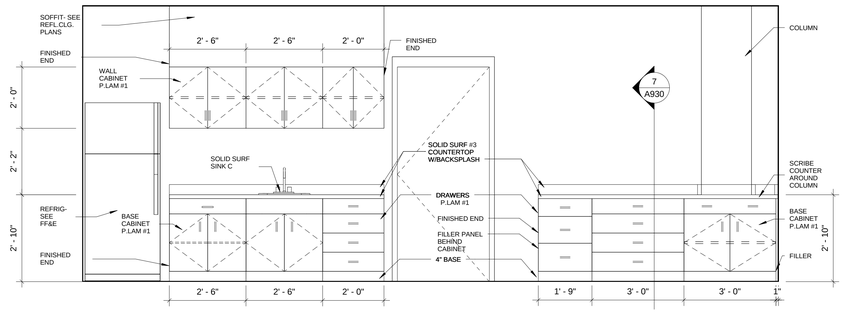
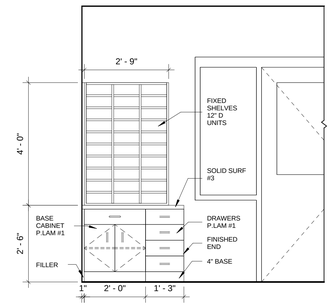
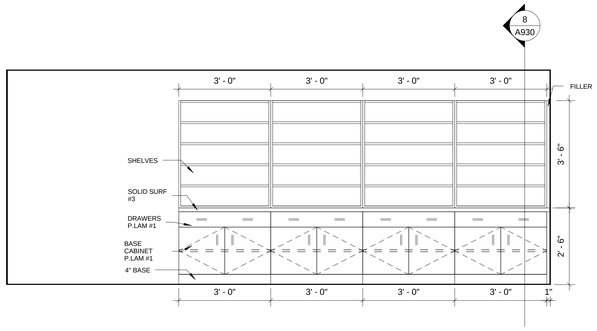


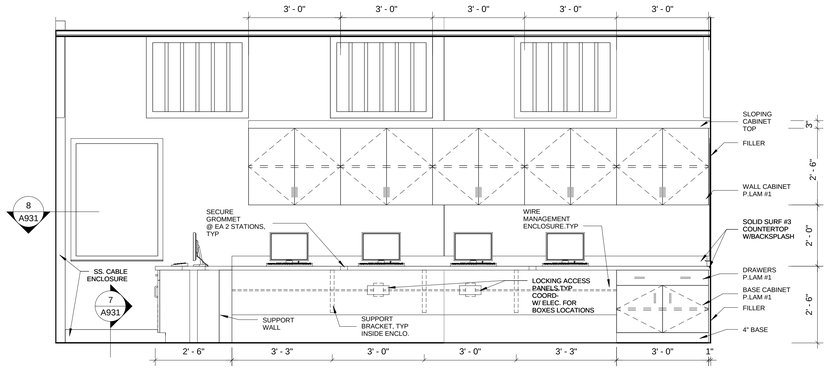
2 TEACHER WORKROOM 9.8 - NORTH ELEVATION
Scale: 1/2" = 1'-0"



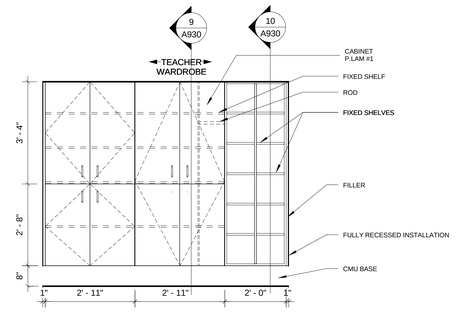
3 TEACHER WORKROOM 9.8 - WEST ELEVATION
Scale: 1/2" = 1'-0"



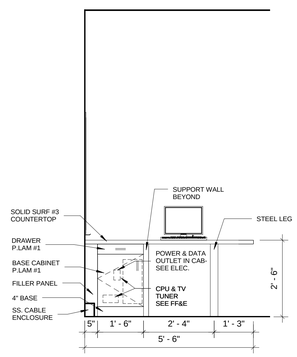
4 SPEC. ED. IEP MTG 9.12 - NORTH ELEVATION
Scale: 1/2" = 1'-0"



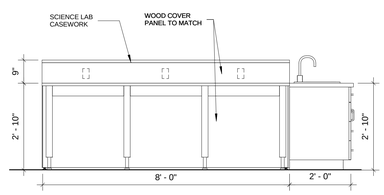
5 CLASSROOM 1, 2 ,3 - EAST ELEVATION
Scale: 1/2" = 1'-0"



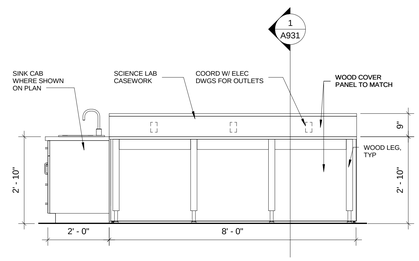
6 CLASSROOM 1,2,3, SCIENCE LAB, ART ROOM- WEST ELEVATION
Scale: 1/2" = 1'-0"



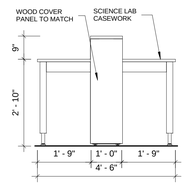
8 CLASSROOM 1,2,3, SCIENCE LAB, ART ROOM- SOUTH ELEVATION
1/2" = 1'-0"



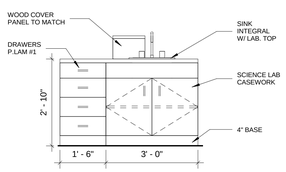
9 SCIENCE LAB ISLAND 9.1.4 - W.ELEVATION
Scale: 1/2" = 1'-0"



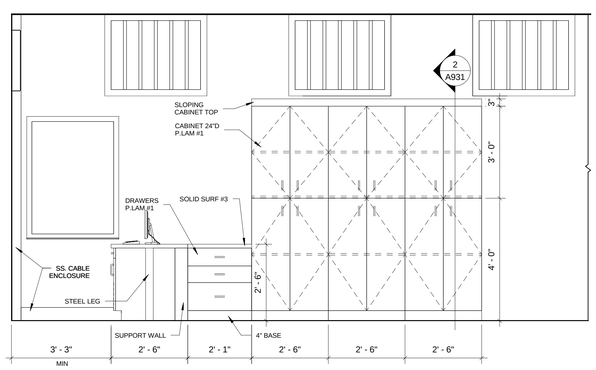
10 SCIENCE LAB ISLAND 9.1.4 - E.ELEVATION
Scale: 1/2" = 1'-0"



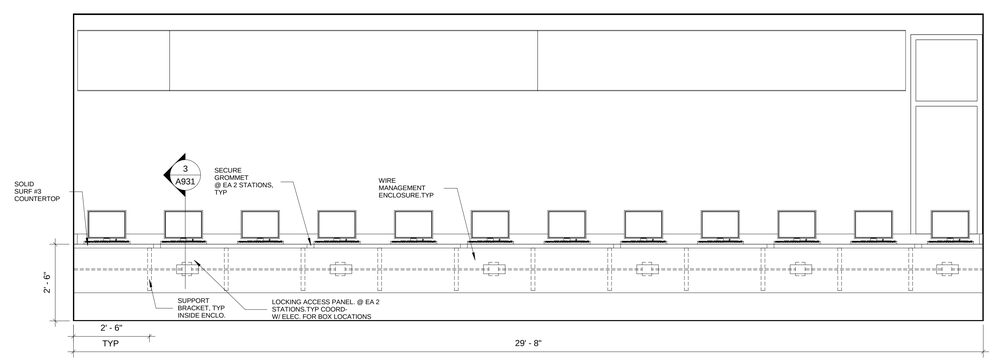
11 SCIENCE LAB ISLAND 9.1.4 - N.ELEVATION
1/2" = 1'-0"



12 SCIENCE LAB SINK ISLAND 9.1.4 - S.ELEVATION
1/2" = 1'-0"



13 SCIENCE LAB 9.1.4 - EAST ELEVATION
Scale: 1/2" = 1'-0"



14 SCIENCE LAB 9.1.4 - SOUTH ELEVATION
Scale: 1/2" = 1'-0"

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License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE
1/2" = 1'-0"

No.	Description	Date

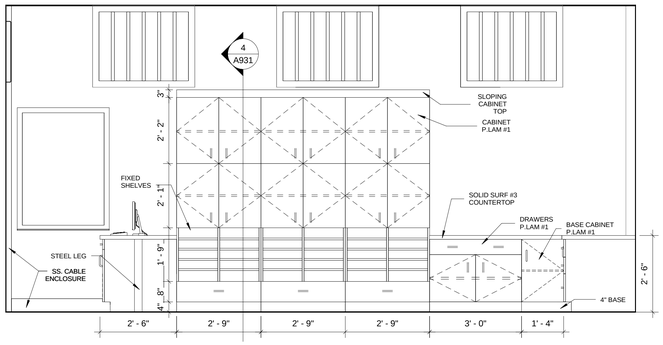
REVISIONS

DRAWN BY	Author
APPROVED BY	Approver
CHECKED BY	Checker
DATE	02-05-2015

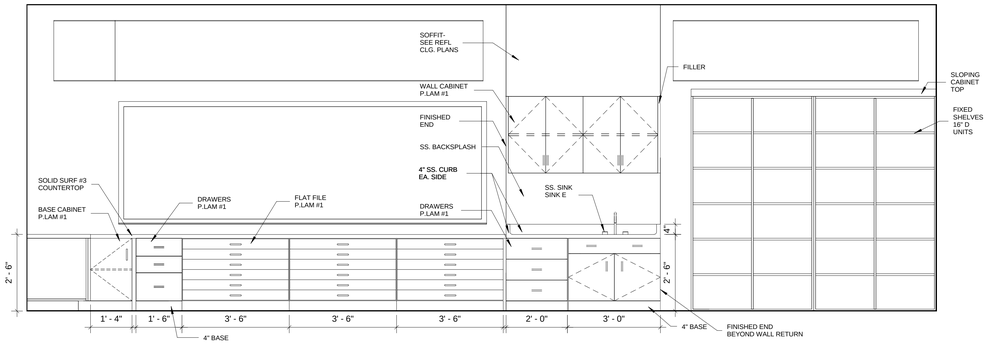
TITLE
CASEWORK ELEVATIONS SECOND FLOOR

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

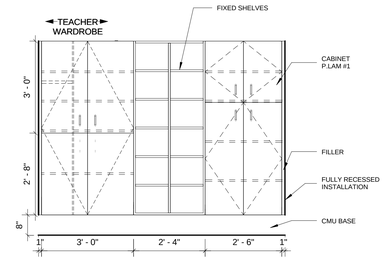
A921
SHEET NO.



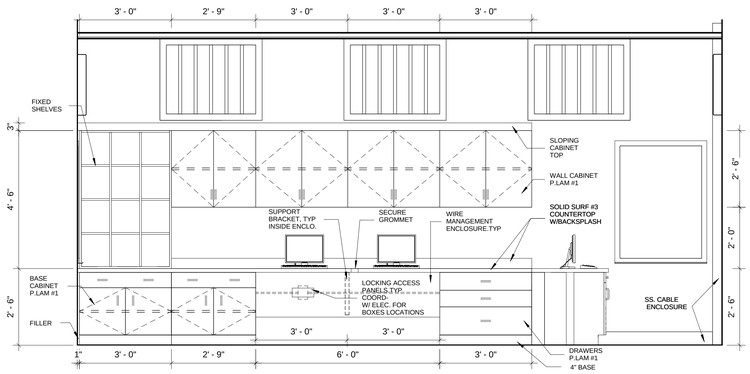
3 ART ROOM 9.1.5 - EAST ELEVATION
Scale: 1/2" = 1'-0"



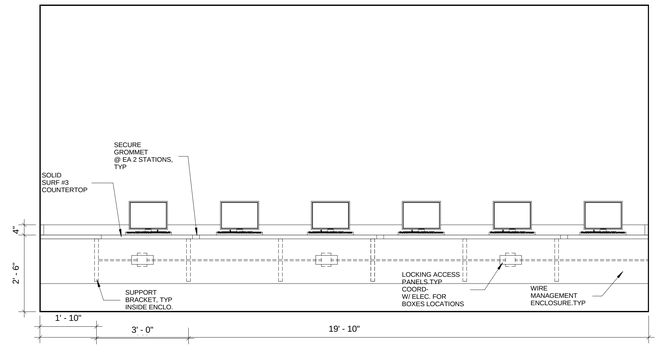
4 ART ROOM 9.1.5 - SOUTH ELEVATION
Scale: 1/2" = 1'-0"



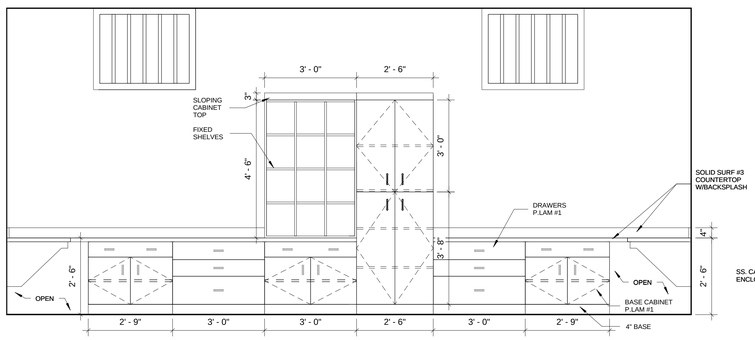
6 CLASSROOM 5- EAST ELEVATION
Scale: 1/2" = 1'-0"



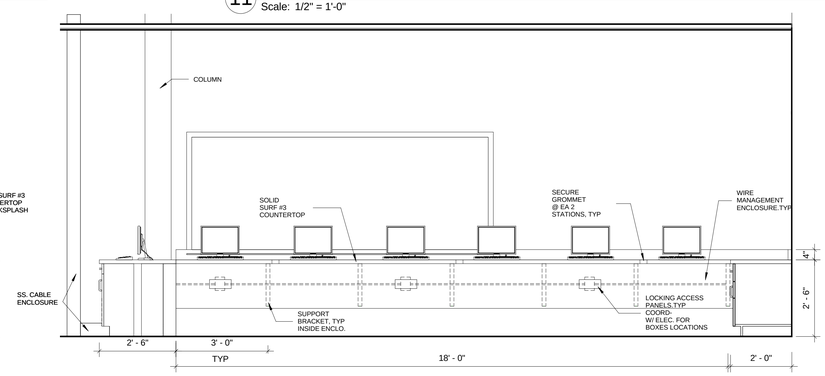
10 CLASSROOM 4,5,6 - WEST ELEVATION
Scale: 1/2" = 1'-0"



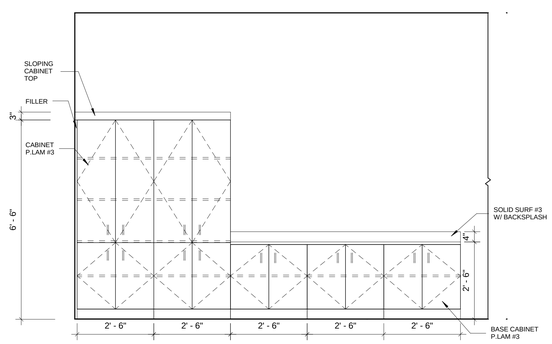
11 COMPUTER LAB 9.3.1 - NORTH ELEVATION
Scale: 1/2" = 1'-0"



12 COMPUTER LAB 9.3.1 - WEST ELEVATION
Scale: 1/2" = 1'-0"



13 COMPUTER LAB 9.3.1 - SOUTH ELEVATION
Scale: 1/2" = 1'-0"



14 MEDIA CENTER 9.4.1 - WEST ELEVATION
Scale: 1/2" = 1'-0"

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Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION 6928-R
DANIEL LEROY BAILEY
STATE OF MARYLAND

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License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	Author
APPROVED BY	Approver
CHECKED BY	Checker
DATE	02-05-2015

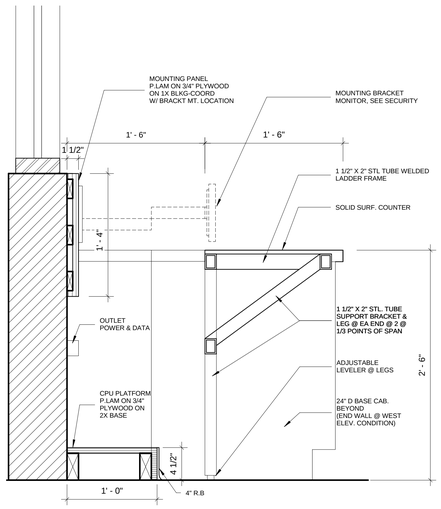
TITLE

CASEWORK ELEVATIONS SECOND FLOOR

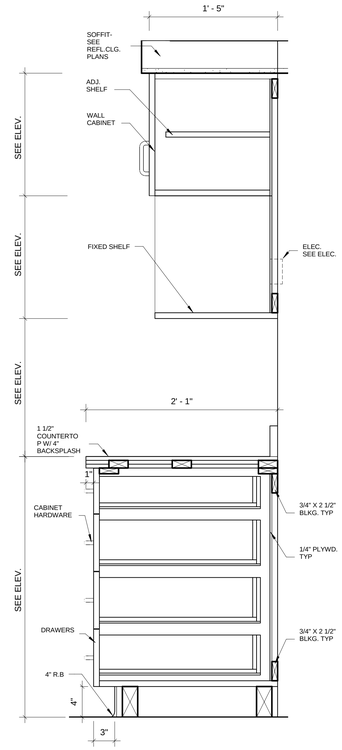
PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

A922

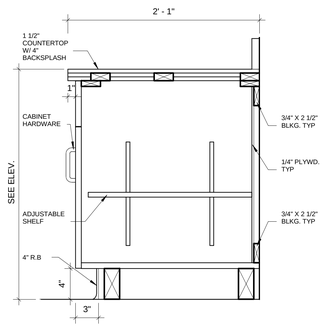
SHEET NO.



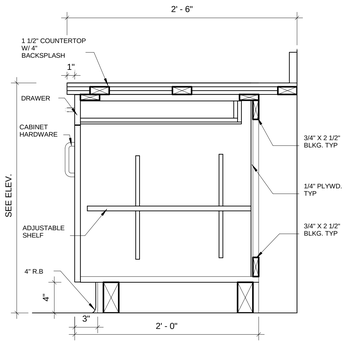
1 COUNTER DTL @ MASTER CONTROL
1 1/2" = 1'-0"



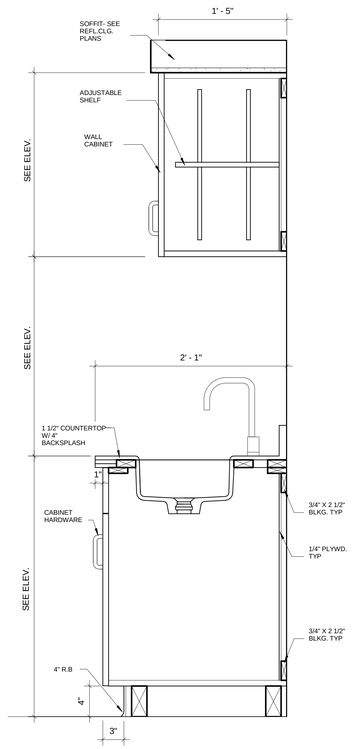
2 DRAWERS / WALL CABINET W / SHELF
1 1/2" = 1'-0"



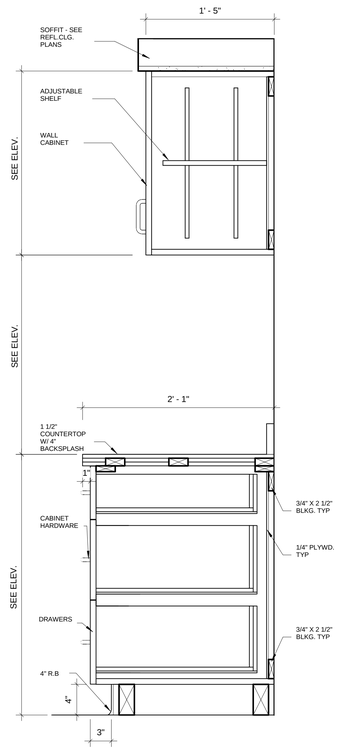
3 BASE CABINET
Scale: 1 1/2" = 1'-0"



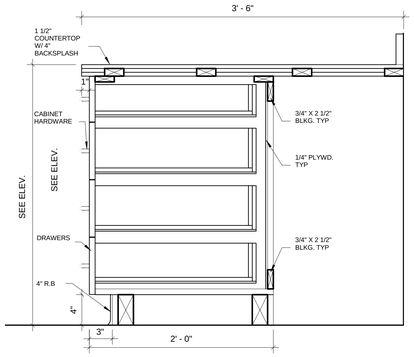
4 BASE CABINET W / DRAWER
Scale: 1 1/2" = 1'-0"



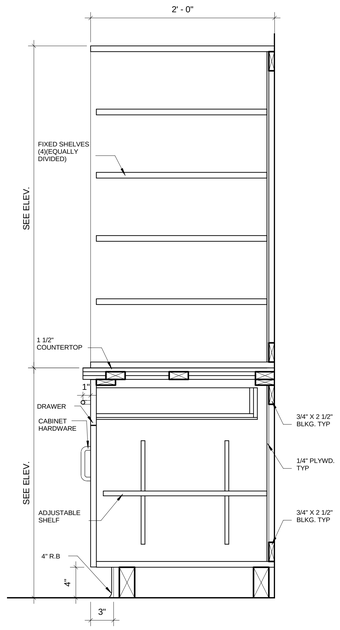
5 BASE CABINET W / SINK
Scale: 1 1/2" = 1'-0"



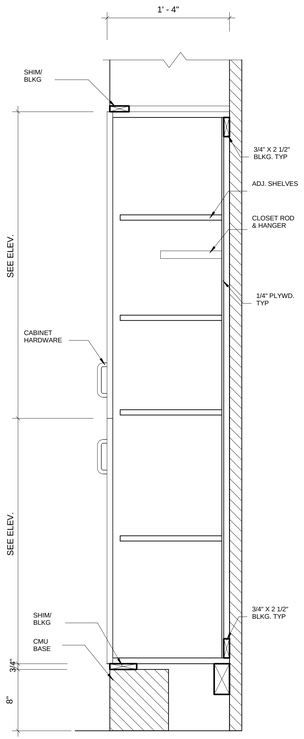
6 WALL CABINET / DRAWERS
Scale: 1 1/2" = 1'-0"



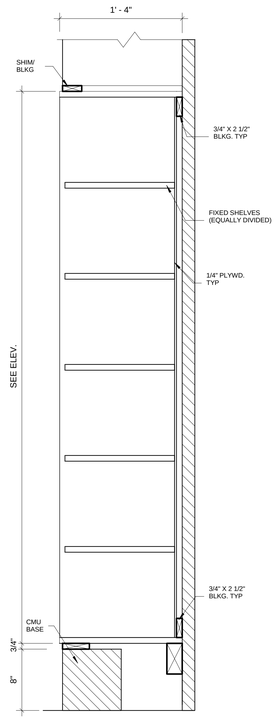
7 BASE CABINET W / DRAWERS
Scale: 1 1/2" = 1'-0"



8 BASE CABINET W / DRAWER / SHELVES
Scale: 1 1/2" = 1'-0"



9 FULL HT CABINET @ RECESSED LOCATIONS
1 1/2" = 1'-0"



10 FULL HT SHELVES @ RECESSED LOCATIONS
1 1/2" = 1'-0"

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KEY PLAN

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1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	Author
APPROVED BY	Approver
CHECKED BY	Checker
DATE	02-05-2015

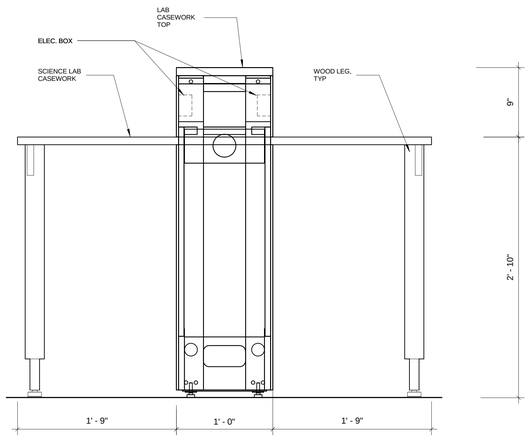
TITLE

CASEWORK DETAILS

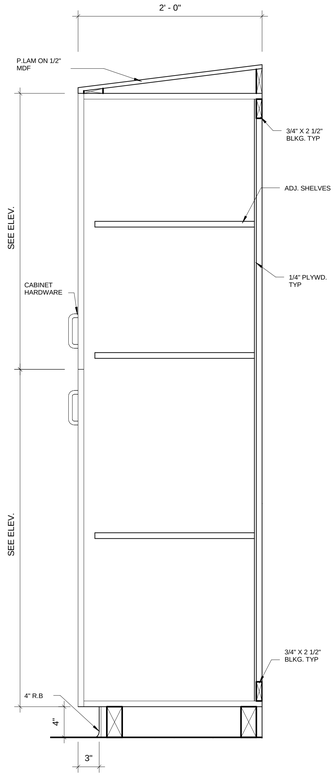
PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

A930

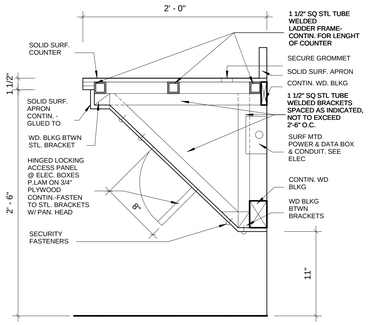
SHEET NO.



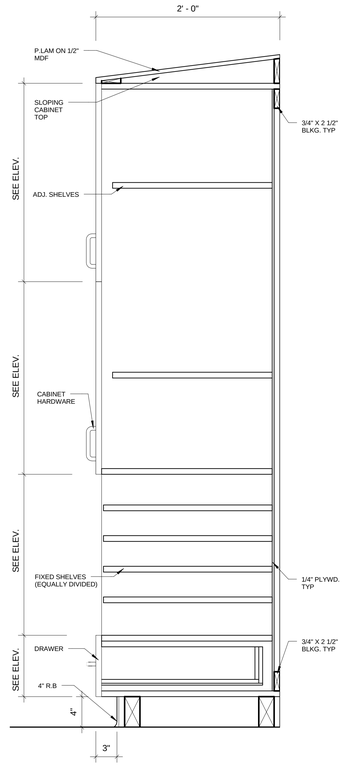
1 SCIENCE LAB ISLAND
Scale: 1 1/2" = 1'-0"



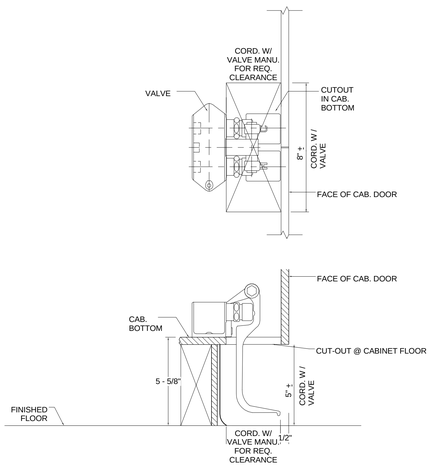
2 CABINETS W / SLOPING TOP
Scale: 1 1/2" = 1'-0"



3 KNEE SPACE & CABLING ENCLOSURE
Scale: 1 1/2" = 1'-0"



4 DRAWER / SHELVES / CABINETS W / SLOPING TOP
Scale: 1 1/2" = 1'-0"



5 FOOT PEDAL CONTROL
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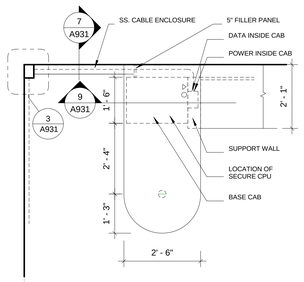
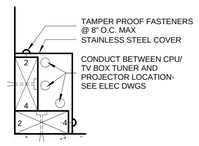
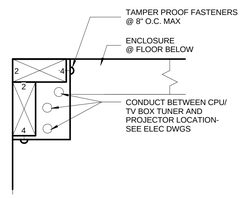


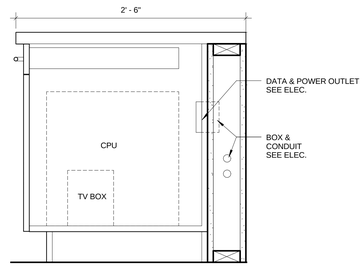
6 PLAN @ TEACHER DESK, TYP.
Scale: 1/2" = 1'-0"



7 SECTION @ CABLE ENCL.
Scale: 3" = 1'-0"



8 PLAN DETAIL @ CABLE ENCL.
Scale: 3" = 1'-0"



9 SECTION @ CABLE ENCLO.
Scale: 1 1/2" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND

SEAL
ARCHITECTURAL REGISTRATION BOARD 6928-R DANIEL LEROY BAILEY STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.
Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE
As indicated

No.	Description	Date

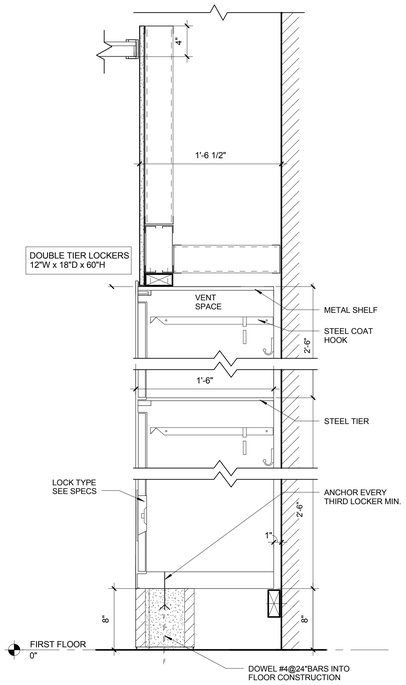
REVISIONS

DRAWN BY	Author
APPROVED BY	Approver
CHECKED BY	Checker
DATE	02-05-2015

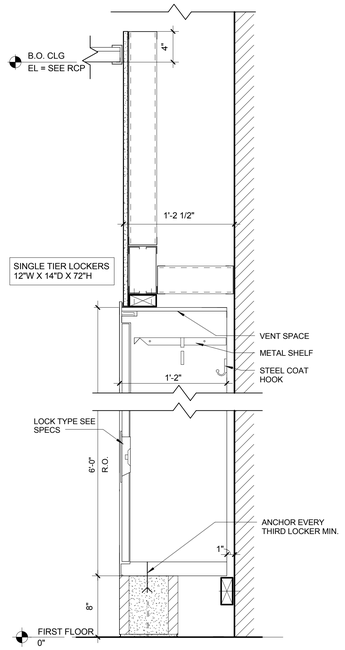
TITLE
CASEWORK DETAILS

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

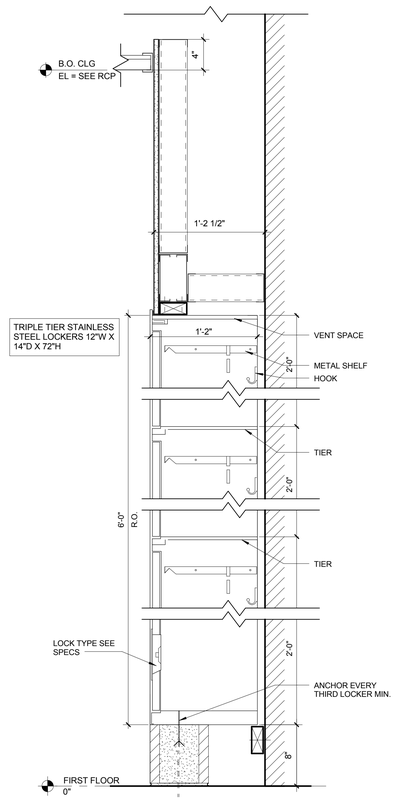
A931
SHEET NO.



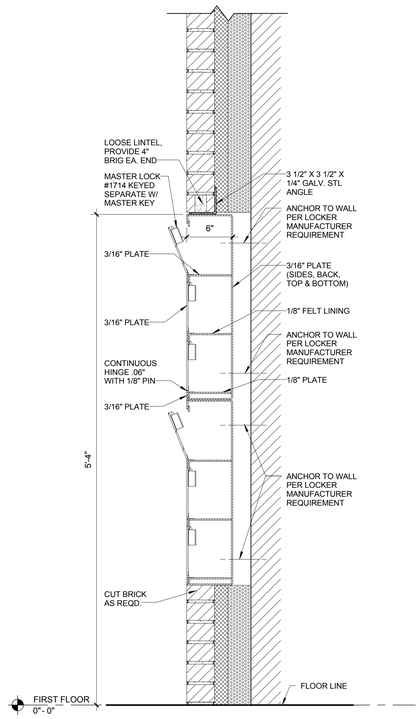
E2 DETAIL - DOUBLE TIER
Scale: 1 1/2" = 1'-0"



D1 DETAIL - SINGLE TIER
Scale: 1 1/2" = 1'-0"



A2 DETAIL - TRIPLE TIER
Scale: 1 1/2" = 1'-0"



A1 DETAIL - PISTOL LOCKER
Scale: 1 1/2" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
10810 TOWN PLAZA DR. SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS
ECO ARCHITECTURE, PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

MISCELLANEOUS DETAILS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

A950

SHEET NO.

ROOM FINISH SCHEDULE

Room		Finishes											
			Base		Walls				Ceiling				
Number	Name	Floor Finish	Material	Finish	North Wall Finish	East Wall Finish	West Wall Finish	South Wall Finish	Ceiling Material	Ceiling Finish	Ceiling Height	Remarks	Level
0.1	ENTRY VEST.	MAT	SGT	-	GFCMU/PNT-3	GFCMU/PNT-3	GFCMU/PNT-3	GFCMU/PNT-3	ACT-1	MFD		1	FIRST FLOOR
0.2	SALLYPORT	T-2	SGT	-	PNT-4	PNT-1	PNT-1	PNT-1	SCS-1	MFD		1	FIRST FLOOR
0.3	STAFF SALLY	RSF-1	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
0.4	QUEUING AREA	T-2	SGT	-	GFCMU/PNT-1	GFCMU	PNT-1	-	ACT-1	MFD			FIRST FLOOR
0.6	SECURITY SCREEN	T-2	SGT	-	GFCMU/PNT-4	GFCMU	GFCMU/PNT-1	GFCMU	ACT-1	MFD			FIRST FLOOR
0.7	LOBBY	T-2	SGT	-	GFCMU	GFCMU	GFCMU/PNT-1	GFCMU/PNT-3	ACT-1	MFD		1 , 2	FIRST FLOOR
0.8.1	W . TLT.	T-2	CMU	HPC-11/T-3	HPC-1	T-3	HPC-4	T-3	GW	PNT-1		6	FIRST FLOOR
0.8.2	M . TLT.	T-2	CMU	HPC-11/T-3	HPC-1	HPC-3	T-3	T-3	GW	PNT-1		6	FIRST FLOOR
1.0	CORR.	RSF-1	SGT	-	PNT-1	PNT-1	PNT-3	PNT-1	ACT-3	MFD			FIRST FLOOR
1.1	FACILITY ADMIN. OFFICE	CPT-2	CMU/ GYP	HPC-11/RSB	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD		4	FIRST FLOOR
1.2	MGT. ASSOC. OFFICE	CPT-2	CMU/ GYP	HPC-11/RSB	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD		4	FIRST FLOOR
1.3	CONF. RM.	CPT-2	CMU/ GYP	HPC-11/RSB	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD		4	FIRST FLOOR
1.4	ADMIN. SUPPORT	CPT-2	CMU/ GYP	HPC-11/RSB	PNT-1	PNT-1	PNT-3	PNT-1	ACT-3	MFD		4	FIRST FLOOR
1.5	SUPPLY CLOS.	RSF-1	CMU/ GYP	PNT-11/RSB	PNT-1	PNT-1	PNT-4	PNT-1	ACT-3	MFD		4	FIRST FLOOR
1.6	JAN.	SC-4	CMU/ GYP	HPC-11/RSB	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1		4	FIRST FLOOR
1.7	STAFF TLT.	T-2	CMU	HPC-11/T-3	PNT-6	PNT-1	T-3	T-3	GW	PNT-1		6	FIRST FLOOR
2.6	STAFF TLT.	SC-5	CMU	SC-5	HPC-1	HPC -1	HPC-1	HPC-6	GW	PNT-1			SECOND FLOOR
2.7	STOR / C.U.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-1	MFD			SECOND FLOOR
2.8	LOCAL CONTROL	RSF-1	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			SECOND FLOOR
2.9.1	LT. OFFICE	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			FIRST FLOOR
2.9.2	LT. OFFICE	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	MFD			SECOND FLOOR
2.10.1	COUNSELOR OFFICE	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
2.10.2	COUNSELOR OFFICE	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			SECOND FLOOR
2.11.1	CASE MGR. OFFICE	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
2.11.2	CASE MGR OFFICE	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	MFD			SECOND FLOOR
2A.1.1	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2A.1.2	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2A.1.3	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2A.1.4	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2A.1.5	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2A.1.6	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2A.1.7	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2A.1.8	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2A.1.9	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2A.1.10	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2A.1.11	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2A.2	ADA BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2A.3	DAYROOM	RSF / CPT-1	CMU	HPC-11	PNT-1	PNT-6	PNT-8	PNT-1	ES/SCS-2	HPC-1		2 , 3	SECOND FLOOR
2A.6	SHOWER	SC-1	CMU	SC-1	SC -1	-	SC -1	SC -1	CB-1	SC -1			SECOND FLOOR
2A.12	JAN	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			SECOND FLOOR
2A.13	STAFF TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			SECOND FLOOR
2A.15	LAUNDRY	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			SECOND FLOOR
2A.16	SALLY	RSF-1	SGT	-	PNT-1	PNT-1	PNT-1	PNT-6	SCS-2	HPC-1			SECOND FLOOR
2A.17	STAFF STATION	RSF	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-2	HPC-1		3	SECOND FLOOR
2A.19	MEZZ. CORR.	SC-4	CMU	HPC-11	PNT-1	PNT-1	-	PNT-1	ES	HPC-1		2	SECOND FLOOR MEZZ.
2B.1.1	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2B.1.2	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2B.1.3	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2B.1.4	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2B.1.5	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2B.1.6	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2B.1.7	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2B.1.8	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2B.1.9	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2B.1.10	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2B.1.11	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2B.1.12	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2B.1.13	STORAGE	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2B.2	ADA BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2B.3	DAYROOM	RSF / CPT-1	CMU	HPC-11	PNT-1	PNT-8	PNT-5	PNT-1	ES/SCS-2	HPC-1		2 , 3	SECOND FLOOR
2B.6	SHOWER	SC-1	CMU	SC-1	SC -1	-	SC -1	SC -1	CB-1	SC -1			SECOND FLOOR
2B.12	JAN	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			SECOND FLOOR
2B.13	STAFF TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			SECOND FLOOR
2B.15	LAUNDRY	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			SECOND FLOOR
2B.16	SALLY	RSF-1	SGT	-	PNT-8	PNT-1	PNT-1	PNT-1	SCS-2	HPC-1			SECOND FLOOR
2B.17	STAFF STATION	RSF	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-2	HPC-1		3	SECOND FLOOR
2B.19	MEZZ. CORR.	SC-4	CMU	HPC-11	PNT-1	PNT-1	-	PNT-1	ES	HPC-1		2	SECOND FLOOR MEZZ.
2C.1.1	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2C.1.2	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2C.1.3	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2C.1.4	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2C.1.5	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2C.1.6	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2C.1.7	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2C.1.8	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2C.1.9	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2C.1.10	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2C.1.11	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2C.1.12	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2C.1.13	STORAGE	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2C.2	ADA BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2C.3	DAYROOM	RSF / CPT-1	CMU	HPC-11	PNT-1	PNT-5	PNT-7	PNT-1	ES/SCS-2	HPC-1		2 , 3	SECOND FLOOR
2C.6	SHOWER	SC-1	CMU	SC-1	SC -1	SC -1	-	SC -1	CB-1	SC -1			SECOND FLOOR
2C.12	JAN.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			SECOND FLOOR
2C.13	STAFF TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			SECOND FLOOR
2C.15	LAUNDRY	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			SECOND FLOOR
2C.16	SALLY	RSF-1	SGT	-	PNT-7	PNT-1	PNT-1	PNT-1	SCS-2	HPC-1			SECOND FLOOR
2C.17	STAFF STATION	RSF	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-2	HPC-1		3	SECOND FLOOR
2C.19	MEZZ. CORR.	SC-4	CMU	HPC-11	PNT-1	-	PNT-1	PNT-1	ES	HPC-1		2	SECOND FLOOR MEZZ.
2D.1.1	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2D.1.2	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2D.1.3	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2D.1.4	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2D.1.5	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2D.1.6	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2D.1.7	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2D.1.8	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2D.1.9	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2D.1.10	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2D.1.11	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			SECOND FLOOR MEZZ.
2D.2	ADA BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			SECOND FLOOR
2D.3	DAYROOM	SC-4	CMU	HPC-11	PNT-1	PNT-6	PNT-5	PNT-1	ES/SCS-1/GW	HPC-1/MFD/PNT-1		2 , 3	SECOND FLOOR
2D.6	SHOWER	SC-1	CMU	SC-1	SC -1	SC -1	-	SC -1	CB-1	SC -1			SECOND FLOOR
2D.12	JAN	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			SECOND FLOOR
2D.13	STAFF TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			SECOND FLOOR
2D.15	LAUNDRY	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-1	MFD			SECOND FLOOR
2D.16	SALLY	RSF-1	SGT	-	PNT-1	PNT-1	PNT-1	PNT-5	SCS-1	MFD			SECOND FLOOR
2D.17	STAFF STATION	RSF	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	GW	PNT-1		3	SECOND FLOOR
2D.19	MEZZ. CORR.	SC-4	CMU	HPC-11	PNT-1	-	PNT-1	PNT-1	ES	HPC-1		2	SECOND FLOOR MEZZ.
2F.0.1	SALLY	RSF	SGT	-	PNT-6	PNT-1	PNT-1	PNT-1	SCS-1	MFD		3	FIRST FLOOR
2F.0.3	CORR.	RSF	SGT	-	-	PNT-1	PNT-8	PNT-1	SCS-1	MFD		2 , 3	FIRST FLOOR
2F.1.1	BEDROOM	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-3	HPC-1			FIRST FLOOR
2F.1.2	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			FIRST FLOOR
2F.1.3	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			FIRST FLOOR
2F.1.4	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			FIRST FLOOR
2F.1.5	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			FIRST FLOOR
2F.1.6	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			FIRST FLOOR
2F.1.7	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			FIRST FLOOR
2F.1.8	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			FIRST FLOOR
2F.1.9	BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			FIRST FLOOR
2F.2	ADA BEDROOM	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-3	HPC-1			FIRST FLOOR
2F.3	FEMALE DAYROOM	RSF / CPT-1	CMU	HPC-11	PNT-1	PNT-5	PNT-8	PNT-1	SCS-1	HPC-1		2 , 3	FIRST FLOOR
2F.4	GROUP ACTIVITY	RSF	CMU	HPC-11	PNT-1	PNT-5	PNT-1	PNT-1	SCS-1	HPC-1		3	FIRST FLOOR
2F.5	READING / WRITING	RSF	CMU	HPC-11	PNT-1	PNT-5	PNT-1	PNT-1	SCS-1	HPC-1		3	FIRST FLOOR
2F.6	SHOWER	SC-1	CMU	SC-1	SC -1	SC -1	-	SC -1	CB-1	SC -1			FIRST FLOOR
2F.7	STOR.	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
2F.8	STAFF STATION	RSF	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2 , 3	FIRST FLOOR
2F.12	JAN.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			FIRST FLOOR
2F.13	STAFF TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			FIRST FLOOR
2F.14	YOUTH LAUNDRY	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-1	MFD			FIRST FLOOR
2F.15	C.U.	RSF-1	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			FIRST FLOOR
3.0.1	CORR.	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-6	HPC-1	SCS-1	MFD			FIRST FLOOR
3.1.1	HOLD	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			FIRST FLOOR
3.1.2	HOLD	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			FIRST FLOOR
3.2	Y.TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			FIRST FLOOR
3.3	ADMISS. / REL. OFF.	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
3.6	SECURE VEST.	SC-4	CMU	HPC-11	HPC-1	HPC-6	HPC-1	HPC-1	SCS-1	MFD		2	FIRST FLOOR

GENERAL NOTES

1. SEE ROOM FINISH SCHEDULES FOR FLOOR FINISHES NOT SHOWN ON ROOM FINISHES PLAN. CHANGE IN FLOOR FINISH BTWN ADJOINING ROOMS OCCURS UNDER DOOR. WHERE NO DOOR SEPARATES AREAS, CHANGE IN FLOOR FINISH IS SHOWN ON ROOM FINISHES PLANS.
2. SEE ROOM FINISH SCHEDULES FOR BASE FINISHES NOT SHOWN ON ROOM FINISHES PLAN.
3. SEE FINISH SCHEDULE FOR LOCATIONS OF GFCMU (GROUND-FACE CMU) WALLS & HEIGHT OF MATERIAL. WHERE ROOM FINISHES PLANS INDICATE ACCENT PAINT COLORS AT THESE WALLS, APPLY PAINT AT REGULAR CMU ABOVE GFCMU. DO NOT PAINT GFCMU.
4. FINISH/COLOR INDICATED ON SCHEDULE OR ON ROOM FINISHES PLAN IS TO BE APPLIED AT ENTIRE WALL, UNLESS NOTED OTHERWISE.
5. WHERE "HPC" INDICATED, SEE SPECIFICATION SECTION "HIGH-PERFORMANCE COATINGS" FOR TYPE OF COATING TO BE APPLIED, BASED ON SUBSTRATE.
6. PAINT ALL DETENTION HM FRAMES AND DOORS WITH HPC IN COLOR MATCHING THE WALL CONTAINING THEM.
7. PAINT ALL NON-DETENTION HM FRAMES HPC-11, EXCEPT AT MEDICAL AREA PAINT FRAMES HPC-2. PAINT ALL NON-DETENTION HM DOORS WITH HPC IN COLOR MATHCING THE WALL CONTAINING THEM.
8. DO NOT PAINT PREFINISHED ITEMS, INCLUDING STAINLESS STEEL, ANODIZED ALUMINUM, GFCMU & SGT.
9. SEE REFLECTED CEILING PLANS AND OTHER DRAWINGS FOR CEILING HEIGHTS.
10. SEE CODE DRAWINGS FOR LOCATIONS OF ROOF STRUCTURE TO RECEIVE SPRAY FIRE-RESISTIVE MATERIAL OR INTUMESCENT FIREPROOFING.

REMARKS

1. GROUND-FACE CMU TO 7'-4" A.F.F., U.N.O. PAINT REGULAR CMU FROM 7'-4" TO CLG.
2. SEE FINISHES PLANS FOR WALL ACCENT COLORS OR WALL MATERIAL CHANGES.
3. SEE FINISHES PLANS FOR FLOORING ACCENT LOCATIONS OR MATERIAL CHANGE LOCATIONS.
4. EP FINISH AT CMU BASE, RSB AT GYP. BD. WALLS.
5. PAINTED PLYWD BACKING PANELS AT ALL WALL SURFACES, CONTIN. FROM TOP OF CMU BASE COURSE TO CEILING OR STRUCT. ABOVE.
6. TILE BASE AT WALLS INDICATED TO RECEIVE TILE; COVE TRANSITION STRIP AT BASE-TO-FLOOR JOINT.
7. SC-1 AT SHOWER ALCOVE (FLOOR, BASE & WALLS).

ROOM FINISH LEGEND

ACOUSTIC CEILING TILE
- ACT-1 ARMSTRONG; ULTIMA, 2x2, TEGULAR EDGE
- ACT-2 ARMSTRONG; ULTIMA HEALTHZONE 2x2, WASHABLE FACE
- ACT-3 ARMSTRONG; ULTIMA, 2x2, SQ EDGE

CARPET TILE
- CPT-1 INTERFACE; LA PAZ COLORES (STYLE 146100250H), GARBANZO (COLOR 101208)
- CPT-2 INTERFACE; LIMA COLORES (STYLE 146180250H), GARBANZO (COLOR 101278)
- CPT-3 PATCRAFT; JOT (STYLE 10295), SPARK (COLOR 00530)

GROUND-FACE CMU
- GFCMU YORK BUILDING PRODUCTS: GEMSTONE SERIES, PUTTY

GYPSUM BOARD
- GW SEE REFLECTED CEILING PLANS FOR VARIOUS TYPES OF GW ASSEMBLIES

CEMENT BOARD
- CB-1 DIRECT APPLIED FINISH OVER EXPANDED BARRIER MESH
- CB-2 DIRECT-APPLIED FINISH
- CB-3 SYNTHETIC PLASTER BASECOAT AND FINISH

EXPOSED STRUCTURE
- ES

HIGH-PERFORMANCE COATING
- HPC-1 MATCH BENJAMIN MOORE OC-9 BALLET WHITE
- HPC-2 MATCH BENJAMIN MOORE 2112-40 STONE
- HPC-3 MATCH BENJAMIN MOORE 2090-30 TERRA COTTA TILE
- HPC-4 MATCH BENJAMIN MOORE 2165-30 GOLDEN RETRIEVER
- HPC-5 MATCH BENJAMIN MOORE HC-51 AUDUBON RUSSET
- HPC-6 MATCH BENJAMIN MOORE 2051-40 MAJESTIC BLUE
- HPC-7 MATCH BENJAMIN MOORE 2147-30 JALAPENO PEPPER
- HPC-8 MATCH BENJAMIN MOORE HC-8 DORSET GOLD
- HPC-9 MATCH BENJAMIN MOORE 2167-40 TOFFEE ORANGE
- HPC-10 MATCH BENJAMIN MOORE 2145-40 FERNWOOD GREEN
- HPC-11 MATCH BENJAMIN MOORE 2124-10 WROUGHT IRON

ENTRY MAT CARPET TILE
- MAT PATCRAFT ; WALK RIGHT IN II (STYLE 10304), CHARCOAL (COLOR 00590)

FINISH IS AS MANUFACTURED: PREFINISHED ITEMS
- MFD

PLASTIC LAMINATE
- PLAM-1 FORMICA; 6926-NT SMOKY WALNUT WOODLINE, NATURELLE FINISH
- PLAM-2 FORMICA; 6212-58 WHEAT STRAND; MATTE FINISH

PAINT
- PNT-1 BENJAMIN MOORE OC-9 BALLET WHITE
- PNT-2 BENJAMIN MOORE 2112-40 STONE
- PNT-3 BENJAMIN MOORE 2090-30 TERRA COTTA TILE
- PNT-4 BENJAMIN MOORE 2165-30 GOLDEN RETRIEVER
- PNT-5 BENJAMIN MOORE HC-51 AUDUBON RUSSET
- PNT-6 BENJAMIN MOORE 2051-40 MAJESTIC BLUE
- PNT-7 BENJAMIN MOORE 2147-30 JALAPENO PEPPER
- PNT-8 BENJAMIN MOORE HC-8 DORSET GOLD

RESILIENT BASE
- RSB-1 JOHNSONITE BASEWORKS THERMOSET RUBBER; COLOR TBD

RESIENT SHEET FLOORING
- RSF-1 JOHNSONITE iQ OPTIMA; 897 SLATE WG
- RSF-2 JOHNSONITE iQ OPTIMA; 841 DRAGON SCALE
- RSF-3 JOHNSONITE iQ OPTIMA; 867 TOMATO PASTE
- RSF-4 JOHNSONITE iQ OPTIMA; 861 CLOVER LEAV
- RSF-5 JOHNSONITE iQ NATURAL; 287 DAYBREAK
- RSF-6 JOHNSONITE iQ NATURAL; 280 PELICAN
- RSF-7 JOHNSONITE iQ NATURAL; 292 BAYSIDE
- RSF-8 JOHNSONITE iQ NATURAL; 289 CANOPY

SECURITY CEILING
- SCS-1 METAL PAN TYPE
- SCS-2 SINGLE-SKIN METAL PLANK
- SCS-3 DOUBLE-SKIN METAL PLANK

SPECIAL COATINGS
- SC-1 PRIMECOAT; SEAMLESS SHOWER SYSTEM, COLOR TBD
- SC-2 PRIMECOAT; PRIME GUARD 1201 FOR WALLS, COLOR TBD
- SC-3 TRAFFIC COATING (SECTION 07 18 00); COLOR TBD
- SC-4 CONCRETE SEALER (SECTION 03 30 00)
- SC-5 PRIMECOAT, PRIME CAST 2610 COLOR TBD
- SC-6 PRIMECOAT; PRIME CAST 2410 COLOR TBD
- SC-7 PRIMECOAT; PRIME CAST 2110 COLOR TBD

SPORTS FLOORING
- SPF-1 POURED-IN-PLACE RESILIENT SPORTS FLOORING, COLOR TBD

STRUCTURAL GLAZED TILE
- SGT ELGIN BUTLER; 7450 SLATE

TILE
- T-1 [NOT USED]
- T-2 DALTILE; VERANDA SOLIDS, P500 STEEL
- T-3 DALTILE; VERANDA TONES, P537 FROZEN TUNDRA

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

ROOM FINISH SCHEDULE

Room		Finishes												
			Base		Walls				Ceiling					
Number	Name	Floor Finish	Material	Finish	North Wall Finish	East Wall Finish	West Wall Finish	South Wall Finish	Ceiling Material	Ceiling Finish	Ceiling Height	Remarks	Level
3.7	VEHICLE SALLY	-	-	-					CB-3/ES	HPC-1			FIRST FLOOR
4.0.1	CORR.	RSF	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-1	MFD		2, 3	FIRST FLOOR
4.0.2	CORR.	RSF	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-1	MFD		2, 3	FIRST FLOOR
4.0.3	CORR	RSF	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-1	MFD		2, 3	FIRST FLOOR
4.0.4	CORR.	RSF	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-1	MFD		2, 3	FIRST FLOOR
4.1	YOUTH WAITING	RSF-7	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			FIRST FLOOR
4.2	NURSE EXAM RM.	RSF-7	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-1/GW	MFD/PNT-1			FIRST FLOOR
4.3	CLINICIAN EXAM RM.	RSF-8	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-1/GW	MFD/PNT-1			FIRST FLOOR
4.4.1	YOUTH TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			FIRST FLOOR
4.4.2	YOUTH TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			FIRST FLOOR
4.5	NURSE STATION	RSF-8	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	ACT-3	MFD			FIRST FLOOR
4.7	ADMIN. SUPPORT RM.	RSF-6	CMU	PNT-2	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			FIRST FLOOR
4.8	SUPPLY STOR.	RSF-6	CMU	PNT-2	HPC-1	HPC-1	HPC-1	HPC-1	ACT-3	MFD			FIRST FLOOR
4.9	MEDICAL FILE WORKROOM	RSF-6	CMU	HPC-2	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			FIRST FLOOR
4.10.1	MED. SUPPLY RM.	RSF-6	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	ACT-3	MFD			FIRST FLOOR
4.10.2	MED.SUPPLY RM.	RSF-6	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	ACT-3	MFD			FIRST FLOOR
4.11	SECURE MED. RM.	RSF-8	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	ACT-3	MFD			FIRST FLOOR
4.12	DENTAL EXAM	RSF-1	CMU	HPC-2	HPC-1	HPC-1	HPC-6	HPC-1	SCS-1	MFD		2	FIRST FLOOR
4.13	DENTAL DIGITAL IMAGING	RSF-1	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	GW	PAINT			FIRST FLOOR
4.14	COMP. RM.	RSF-6	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	ACT-3	MFD			FIRST FLOOR
4.15.1	STAFF TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			FIRST FLOOR
4.15.2	STAFF TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			FIRST FLOOR
4.16	PHYS. / PSYCH. OFFICE	CPT-2	CMU	PNT-2	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			FIRST FLOOR
4.17	JAN.	SC-5	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			FIRST FLOOR
4.18	EDUCATION SERVICES RM.	RSF-6	CMU	HPC-2	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
4.20.1	ISOLATION RM. (ADA)	RSF-7/SC-1	CMU	HPC-2/SC-1	HPC-1/SC-1	HPC-1/SC-1	HPC-1/SC-1	HPC-1/SC-1	SCS-2/CB-1	HPC-1/SC-1		7	FIRST FLOOR
4.20.2	ISOLATION RM.	RSF-8/SC-1	CMU	HPC-2/SC-1	HPC-1/SC-1	HPC-1/SC-1	HPC-1/SC-1	HPC-1/SC-1	SCS-2/CB-1	HPC-1/SC-1		7	FIRST FLOOR
4.21.1	ANTE	RSF-7	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-1/GW	MFD/PNT-1			FIRST FLOOR
4.21.2	ANTE	RSF-8	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-1/GW	MFD/PNT-1			FIRST FLOOR
4.22.1	INFIRM. RM. (ADA)	RSF-7/SC-1	CMU	HPC-2/SC-1	HPC-1/SC-1	HPC-1/SC-1	HPC-1/SC-1	HPC-1/SC-1	SCS-2/CB-1	HPC-1/SC-1		7	FIRST FLOOR
4.22.2	INFIRM. RM.	RSF-8/SC-1	CMU	HPC-2/SC-1	HPC-1/SC-1	HPC-1/SC-1	HPC-1/SC-1	HPC-1/SC-1	SCS-2/CB-1	HPC-1/SC-1		7	FIRST FLOOR
4.22.3	INFIRM. RM. (ADA)	RSF-7/SC-1	CMU	HPC-2/SC-1	HPC-1/SC-1	HPC-1/SC-1	HPC-1/SC-1	HPC-1/SC-1	SCS-2/CB-1	HPC-1/SC-1		7	FIRST FLOOR
4.23.1	SAFE CELL	SC-4	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			FIRST FLOOR
4.23.2	SAFE CELL	SC-4	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			FIRST FLOOR
4.23.3	SAFE CELL	SC-4	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			FIRST FLOOR
4.23.4	SAFE CELL (ADA)	SC-4	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			FIRST FLOOR
4.24	C.U.	RSF-6	CMU	HPC-2	HPC-1	HPC-1	HPC-1	HPC-1	ACT-3	MFD			FIRST FLOOR
4.25	S.U.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	ACT-3	MFD			FIRST FLOOR
4.26.1	SAFE SHWR	SC-1	CMU	SC-1	SC -1	SC -1	-	SC -1	CB-1	SC -1			FIRST FLOOR
4.26.2	SAFE SHWR	SC-1	CMU	SC-1	SC -1	SC -1	-	SC -1	CB-1	SC -1			FIRST FLOOR
5.1	PYSCH. OFFICE	RSF-8	CMU	HPC-2	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
5.2	CLINICIAN OFFICE	CPT-2	CMU	HPC-2	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
5.3	GROUP ASSESS. /INTERVENTION	CPT-2	CMU	HPC-2	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2	FIRST FLOOR
5.4	B.H. STOR.	CPT-2	CMU	PNT-2	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
6.0	BEV. COOLER	SC-6	-	-	-	-	-	-	ES	MFD			FIRST FLOOR
6.1	SERVING COUNTER	SC-7	CMU	SC-7	SC-2	SC-2	SC-2	SC-2	ACT-2	MFD			FIRST FLOOR
6.2	HOT & COLD PREP	SC-6/SC-7	CMU	SC-7	SC-2	SC-2	SC-2	SC-2	ACT-2	MFD		3	FIRST FLOOR
6.3	AMBIENT STOR.	SC-7	CMU	SC-7	SC-2	SC-2	SC-2	SC-2	GW	PNT-1			FIRST FLOOR
6.4	COOLER	SC-6	-	-	-	-	-	-	ES	MFD			FIRST FLOOR
6.5	JAN.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			FIRST FLOOR
6.6	YOUTH DINING RM.	RSF	CMU	HCP-11	HPC-1	HPC-1	HPC-1	HPC-1	SCS-1	MFD		2, 3	FIRST FLOOR
6.7	CLEAN CART	SC-4	CMU	HCP-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	HPC-1			FIRST FLOOR
6.8	NON-FOOD STOR	SC-7	CMU	SC-7	SC-2	SC-2	SC-2	SC-2	GW	PNT-1			FIRST FLOOR
6.9	CAN WASH	SC-4	CMU	HPC-11	SC-2	SC-2	SC-2	SC-2	GW	PNT-1			FIRST FLOOR
6.10	STAFF TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			FIRST FLOOR
6.11	SANITIZ.	SC-6	CMU	SC-6	SC-2	SC-2	SC-2	SC-2	ACT-2	MFD			FIRST FLOOR
6.12	F.S. OFF.	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			FIRST FLOOR
6.13	JAN.	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			FIRST FLOOR
6.14	SOILED CART	SC-4	CMU	HPC-11	SC-2	SC-2	SC-2	SC-2	ES	HPC-1			FIRST FLOOR
7.1	MASTER CONTROL	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	MFD			FIRST FLOOR
7.2	STAFF MUSTER	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-6	ACT-3	MFD			FIRST FLOOR
7.3	STOR.	RSF	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			
7.4.1	SECURITY ELEC.	SC-4	CMU	PNT-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			FIRST FLOOR
7.4.2	SEC. ELEC.	SC-4	CMU	PNT-1	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			SECOND FLOOR
7.5	CAPT. OFFICE	RSF	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			FIRST FLOOR
7.6	STAFF BREAK AREA	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-6	ACT-3	MFD			FIRST FLOOR
7.8	STAFF TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			FIRST FLOOR
7.9	STAFF TLT.	SC-5/SC-1	CMU	SC-5/SC-1	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1		7	FIRST FLOOR
7.10	STAFF LOCKER	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			FIRST FLOOR
8.1.1	INTER.	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-2	HPC-1			FIRST FLOOR
8.1.2	N.C. INTER.	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-2	HPC-1			FIRST FLOOR
8.1.3	N.C. INTER.	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-2	HPC-1			FIRST FLOOR
8.1.4	N.C. INTER.	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-2	HPC-1			FIRST FLOOR
8.1.5	N.C. INTER.	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-2	HPC-1			FIRST FLOOR
8.2	VISITATION	T-2	SGT	-	GFCMU	GFCMU	PNT-4	GFCMU	SCS-1	MFD		1	FIRST FLOOR
8.4.1	SEARCH	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
8.4.2	SEARCH	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
8.6	YOUTH TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			FIRST FLOOR
8.7	CORR.	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	FIRST FLOOR
9.1.1	CLASSROOM 1	RSF	CMU	HPC-11	PNT-5	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
9.1.2	CLASSROOM 2	RSF	CMU	HPC-11	PNT-8	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
9.1.3	CLASSROOM 3	RSF	CMU	HPC-11	PNT-5	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
9.1.4	SCIENCE LAB	RSF	CMU	HPC-11	PNT-7	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
9.1.5	ART ROOM	RSF	CMU	HPC-11	PNT-8	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
9.2.1	CLASSROOM 4	RSF	CMU	HPC-11	PNT-7	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
9.2.2	CLASSROOM 5	RSF	CMU	HPC-11	PNT-8	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
9.2.3	CLASSROOM 6	RSF	CMU	HPC-11	PNT-6	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
9.3.1	COMPUTER LAB	RSF	CMU	HPC-11	PNT-1	PNT-5	PNT-8	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
9.3.2	STOR.	RSF-1	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			SECOND FLOOR
9.4.1	MEDIA CENTER	CPT-3	CMU	HPC-11	PNT-1	PNT-6	PNT-7	PNT-1	SCS-1	MFD			SECOND FLOOR
9.4.2	STOR.	CPT-3	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			SECOND FLOOR
9.4.3	STOR.	CPT-3	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			SECOND FLOOR
9.5	SPEC ED TEST OFF	CPT-2	CMU	HPC-11	PNT-6	PNT-1	PNT-1	PNT-1	SCS-1	MFD			SECOND FLOOR
9.6	ASSESSMENT OFFICE	CPT-2	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			SECOND FLOOR
9.7.1	YOUTH TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			SECOND FLOOR
9.7.2	YOUTH TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			SECOND FLOOR
9.8	TEACHER WORKROOM	RSF-1	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-8	ACT-3	MFD			SECOND FLOOR
9.9	STAFF TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			SECOND FLOOR
9.10	GEN. STOR.	RSF-1	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			SECOND FLOOR
9.11	PRINCIPAL	CPT-2	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			SECOND FLOOR
9.12	SPEC ED IEP MTG	CPT-2	CMU	HPC-11	PNT-1	PNT-7	PNT-1	PNT-1	SCS-1	MFD			SECOND FLOOR
9.13	GUIDANCE CNSLR	CPT-2	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			SECOND FLOOR
9.14	ADMIN. SUPPORT	CPT-2	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-6	ACT-3	MFD			SECOND FLOOR
9.15	JAN.	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			SECOND FLOOR
9.16	TITLE 1	CPT-2	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			SECOND FLOOR
9.17	SOC WRKR	CPT-2	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			SECOND FLOOR
9.18	BUS MGR / SCHED	CPT-2	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			SECOND FLOOR
10.1	GYMNASIUM	SPF-1	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	ES	PNT-1			THIRD FLOOR
10.2.1	EQ. STOR.	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			THIRD FLOOR
10.3	FITNESS RM.	RSF	CMU	HPC-11	HPC-1	HPC-8	HPC-1	HPC-1	SCS-1	MFD		3	THIRD FLOOR
10.4	YOUTH TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	SCS-2	HPC-1			THIRD FLOOR
10.7	STAFF TLT.	SC-5	CMU	SC-5	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			THIRD FLOOR
10.8A	OUTDOOR REC	SC-3	CMU	HPC-11	HPC-1	HPC-1	HPC-6	HPC-1	ES/CB-3	MFD/HPC-1			SECOND FLOOR
10.8B	OUTDOOR REC	SC-3	CMU	HPC-11	HPC-1	HPC-1	HPC-8	HPC-1	ES/CB-3	MFD/HPC-1			SECOND FLOOR
10.8C	OUTDOOR REC	SC-3	CMU	HPC-11	HPC-1	HPC-7	HPC-1	HPC-1	ES/CB-3	MFD/HPC-1			SECOND FLOOR
10.8D	OUTDOOR REC	SC-3	CMU	HPC-11	HPC-1	HPC-5	HPC-1	HPC-1	ES/CB-3	MFD/HPC-1			SECOND FLOOR
10.8F	FEMALE OUTDOOR REC.	SC-3	-	HPC-11	-	-	-	-	ES	MFD			FIRST FLOOR
10.9	JAN.	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			THIRD FLOOR
10.10	REC. OFFICE	RSF-1	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ACT-3	MFD			THIRD FLOOR
11.0.1	MAIN ELECTRIC ROOM	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			BASEMENT FLOOR
11.0.2	EMERGENCY ELECTRIC ROOM	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			BASEMENT FLOOR
11.0.3	MDF ROOM	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1		5	BASEMENT FLOOR
11.0.4	WATER SPRINKLER ROOM	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			BASEMENT FLOOR
11.1.1	STAIR A	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			FIRST FLOOR
11.1.2	CORR.	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	FIRST FLOOR
11.1.3	STOR.	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			FIRST FLOOR
11.1.4	JAN.	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			FIRST FLOOR
11.1.5	CORR.	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
11.1.6	MECH.	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			FIRST FLOOR
11.1.7	ELEV.	RSF-1	-	-	-	-	-	-					FIRST FLOOR
11.1.8	MECH. RM.	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			FIRST FLOOR
11.1.9	ELEC. RM.	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			FIRST FLOOR
11.1.10	STAIR B	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			FIRST FLOOR
11.1.11	MDF RM.	RSF	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			FIRST FLOOR
11.1.12	CORR.	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	FIRST FLOOR
11.1.13	CORR.	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	FIRST FLOOR
11.1.14	CORR	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	FIRST FLOOR
11.1.15	MECH.	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			FIRST FLOOR
11.2.1	STAIR A	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			SECOND FLOOR
11.2.2	CORR.	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
11.2.3	CORR.	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
11.2.4	CORR.	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
11.2.5	CORR.	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
11.2.7	ELEV.	RSF-1	-	-	-	-	-	-	-				SECOND FLOOR

ROOM FINISH SCHEDULE

Room		Finishes												
			Base		Walls				Ceiling					
Number	Name	Floor Finish	Material	Finish	North Wall Finish	East Wall Finish	West Wall Finish	South Wall Finish	Ceiling Material	Ceiling Finish	Ceiling Height	Remarks	Level
11.2.9	CORR.	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1/GW	MFD/PNT-1		2, 3	SECOND FLOOR
11.2.10	STAIR B	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	GW	PNT-1			SECOND FLOOR
11.2.12	CORR.	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1/GW	MFD/PNT-1		2, 3	SECOND FLOOR
11.2.13	COMMONS	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
11.2.14	CORR.	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1/GW	MFD/PNT-1		2, 3	SECOND FLOOR
11.2.15	CORR.	RSF	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD		2, 3	SECOND FLOOR
11.2.16	SALLY	RSF-1	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			SECOND FLOOR
11.2.17	I.T. CLOS.	RSF	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1		5	SECOND FLOOR
11.2.18	ELEC.	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			SECOND FLOOR
11.2.19	ELEC	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			SECOND FLOOR
11.2.20	JAN.	SC-4	CMU	HPC-11	HPC-1	HPC-1	HPC-1	HPC-1	GW	PNT-1			SECOND FLOOR
11.3.1	STAIR A	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			THIRD FLOOR
11.3.2	CORR.	RSF-1	SGT	-	PNT-1	PNT-1	PNT-1	PNT-1	SCS-1	MFD			THIRD FLOOR
11.3.3	CORR.	RSF	SGT	-	PNT-6	PNT-1	PNT-1	PNT-5	SCS-1	MFD		2, 3	THIRD FLOOR
11.3.6	ELEV.	RSF-1	-	-	-	-	-	-				-	THIRD FLOOR
11.3.7	MECH. RM.	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			THIRD FLOOR
11.3.8	MECH. RM.	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			THIRD FLOOR
11.3.9	ELEV.REMOTE CLOSET	SC-4	CMU	PNT-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			THIRD FLOOR
11.3.10	STAIR B	SC-4	CMU	HPC-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			THIRD FLOOR
11.4.1	SECURE DOCK	SC-4	-	-	-	-	-	-	ES	MFD			FIRST FLOOR
11.4.2	OPEN DOCK	SC-4	-	-	-	-	-	-	ES	MFD			FIRST FLOOR
11.4.3	SECURE DOCK	SC-4	-	-	-	-	-	-	ES	MFD			FIRST FLOOR
11.5	SUPPLY STOR.	SC-4	CMU	HPG-11	PNT-1	PNT-1	PNT-1	PNT-1	ES	HPC-1			FIRST FLOOR
E001	STAIR 1	-	-	-	-	-	-	-					BASEMENT FLOOR
E002	ELEC. ROOM	-	-	-	-	-	-	-					BASEMENT FLOOR
E003	MECHANICAL ROOM	-	-	-	-	-	-	-					BASEMENT FLOOR
E004	ELECTRICAL ROOM	-	-	-	-	-	-	-					BASEMENT FLOOR
E005	WOMEN'S LOCKER ROOM	-	-	-	-	-	-	-					BASEMENT FLOOR
E006	EXISTING FIRING RANGE	-	-	-	-	-	-	-					BASEMENT FLOOR
E007	MEN'S LOCKER ROOM	-	-	-	-	-	-	-					BASEMENT FLOOR
E008	CLASSROOM	-	-	-	-	-	-	-					BASEMENT FLOOR
E009	MECHANICAL ROOM	-	-	-	-	-	-	-					BASEMENT FLOOR
E010	STAIR 2	-	-	-	-	-	-	-					BASEMENT FLOOR
E011	ELEVATOR	-	-	-	-	-	-	-					BASEMENT FLOOR
E012	STAIR 4												BASEMENT FLOOR

REMARKS

1. GROUND-FACE CMU TO 7'-4" A.F.F., U.N.O. PAINT REGULAR CMU FROM 7'-4" TO CLG.
2. SEE FINISHES PLANS FOR WALL ACCENT COLORS OR WALL MATERIAL CHANGES.
3. SEE FINISHES PLANS FOR FLOORING ACCENT LOCATIONS OR MATERIAL CHANGE LOCATIONS.
4. EP FINISH AT CMU BASE, RSB AT GYP. BD. WALLS.
5. PAINTED PLYWD BACKING PANELS AT ALL WALL SURFACES, CONTIN. FROM TOP OF CMU BASE COURSE TO CEILING OR STRUCT. ABOVE.
6. TILE BASE AT WALLS INDICATED TO RECEIVE TILE; COVE TRANSITION STRIP AT BASE-TO-FLOOR JOINT.
7. SC-1 AT SHOWER ALCOVE (FLOOR, BASE & WALLS).

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECTURAL REGISTRATION 6928-R DANIEL LEROY BAILEY STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.

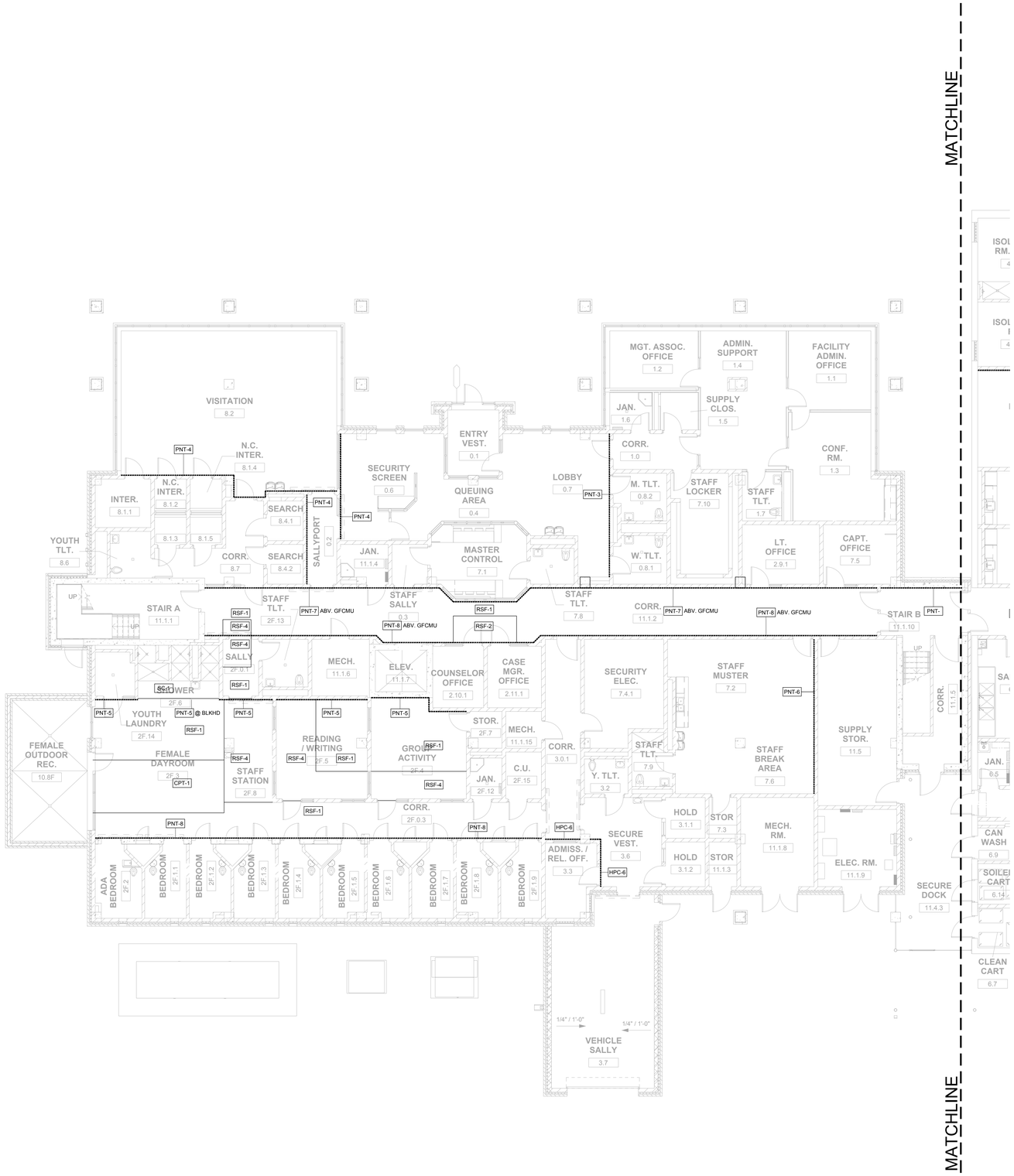
Signature
License Number 6928-R
Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISION



N

1 AF810A FIRST LEVEL PLAN - ROOM FINISHES - AREA A

1/8" = 1'-0"

0' 8' 16'

LEGEND

————	FLOOR PATTERN
X	FINISH COLOR IDENTIFICATION - SEE ROOM FINISH SCHEDULE
- - - - - -	EXTENT OF WALL ACCENT FINISH/COLOR

GENERAL NOTES

1. SEE ROOM FINISH SCHEDULES FOR FLOOR FINISHES NOT SHOWN ON ROOM FINISHES PLAN. CHANGE IN FLOOR FINISH BTWN ADJOINING ROOMS OCCURS UNDER DOOR, WHERE NO DOOR SEPARATES AREAS, CHANGE IN FLOOR FINISH IS SHOWN ON ROOM FINISHES PLANS.
2. SEE ROOM FINISH SCHEDULES FOR BASE FINISHES NOT SHOWN ON ROOM FINISHES PLAN.
3. SEE FINISH SCHEDULE FOR LOCATIONS OF GFCMU (GROUND-FACE CMU) WALLS & HEIGHT OF MATERIAL. WHERE ROOM FINISHES PLANS INDICATE ACCENT PAINT COLORS AT THESE WALLS, APPLY PAINT AT REGULAR CMU ABOVE GFCMU. DO NOT PAINT GFCMU.
4. FINISH/COLOR INDICATED ON SCHEDULE OR ON ROOM FINISHES PLAN IS TO BE APPLIED AT ENTIRE WALL, UNLESS NOTED OTHERWISE.
5. WHERE "HPC" INDICATED, SEE SPECIFICATION SECTION "HIGH-PERFORMANCE COATINGS" FOR TYPE OF COATING TO BE APPLIED, BASED ON SUBSTRATE.
6. PAINT ALL DETENTION HM FRAMES AND DOORS WITH HPC IN COLOR MATCHING THE WALL CONTAINING THEM.
7. PAINT ALL NON-DETENTION HM FRAMES HPC-11, EXCEPT AT MEDICAL AREA PAINT FRAMES HPC-2. PAINT ALL NON-DETENTION HM DOORS WITH HPC IN COLOR MATHCING THE WALL CONTAINING THEM.
8. DO NOT PAINT PREFINISHED ITEMS, INCLUDING STAINLESS STEEL, ANODIZED ALUMINUM, GFCMU & SGT.
9. SEE REFLECTED CEILING PLANS AND OTHER DRAWINGS FOR CEILING HEIGHTS.
10. SEE CODE DRAWINGS FOR LOCATIONS OF ROOF STRUCTURE TO RECEIVE SPRAY FIRE-RESISTIVE MATERIAL OR INTUMESCENT FIREPROOFING.

A JOINT-VENTURE BETWEEN
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SEAL

ARCHITECTURAL REGISTRATION BOARD 6928-R DANIEL LEROY BAILEY STATE OF MARYLAND

I certify that these documents were prepared or approved by me, and that I am duly licensed architect under the laws of the state of Maryland.

Signature

License Number 6928-R

Expiration Date 01-26-2016

KEY PLAN

SCALE

No.	Description	Date

REVISIONS

DRAWN BY		Author
APPROVED BY	XX	Approver
CHECKED BY	XX	Checker
DATE	XX	02-05-2015

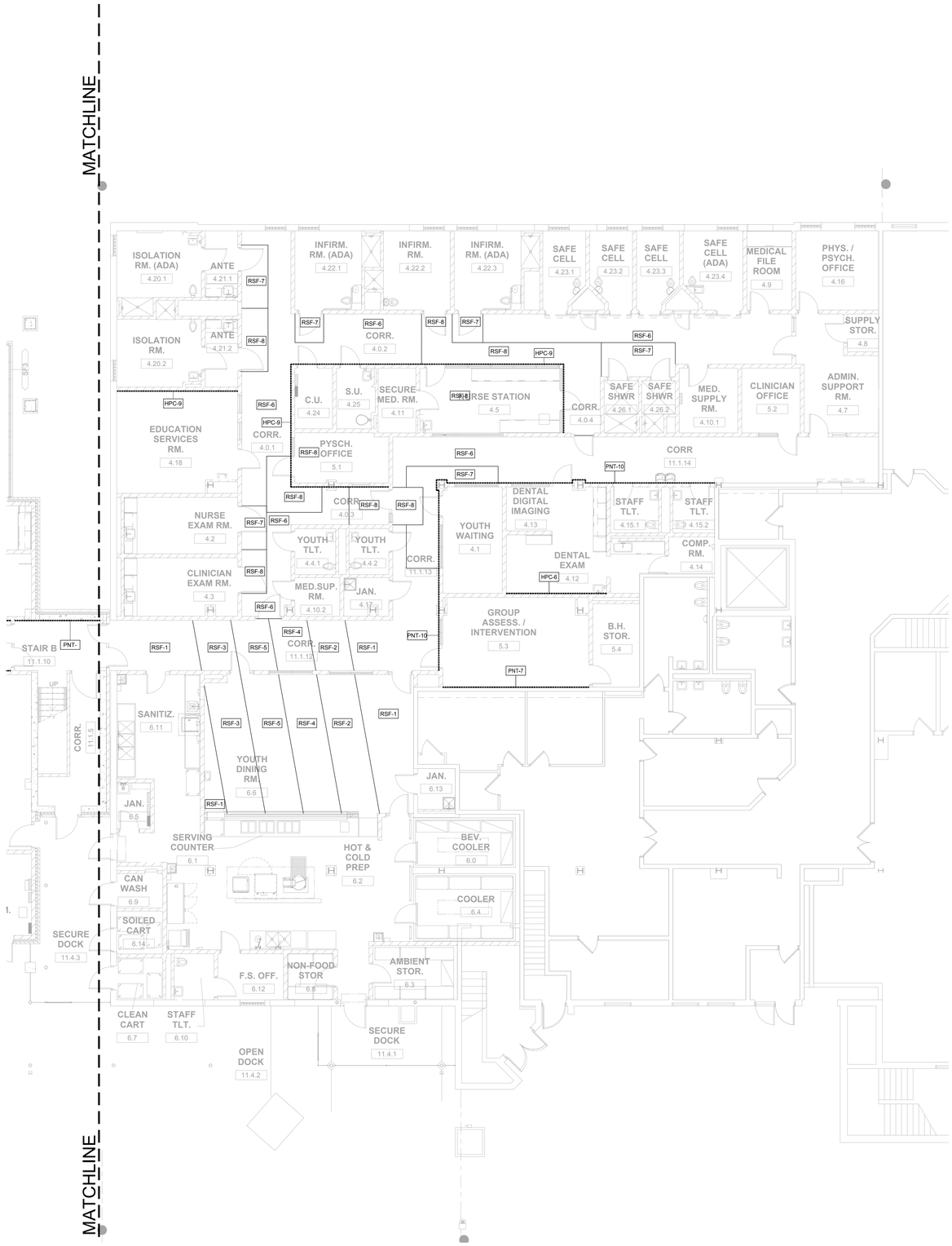
TITLE

FIRST LEVEL PLAN - ROOM FINISHES - AREA A

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

AF810A

SHEET NO. XXX



N

1 AF810B FIRST LEVEL PLAN - ROOM FINISHES - AREA B

1/8" = 1'-0"

0' 8' 16'

LEGEND

FLOOR PATTERN

X FINISH COLOR IDENTIFICATION - SEE ROOM FINISH SCHEDULE

EXTENT OF WALL ACCENT FINISH/COLOR

GENERAL NOTES

1. SEE ROOM FINISH SCHEDULES FOR FLOOR FINISHES NOT SHOWN ON ROOM FINISHES PLAN. CHANGE IN FLOOR FINISH BTWN ADJOINING ROOMS OCCURS UNDER DOOR, WHERE NO DOOR SEPARATES AREAS, CHANGE IN FLOOR FINISH IS SHOWN ON ROOM FINISHES PLANS.
2. SEE ROOM FINISH SCHEDULES FOR BASE FINISHES NOT SHOWN ON ROOM FINISHES PLAN.
3. SEE FINISH SCHEDULE FOR LOCATIONS OF GFCMU (GROUND-FACE CMU) WALLS & HEIGHT OF MATERIAL. WHERE ROOM FINISHES PLANS INDICATE ACCENT PAINT COLORS AT THESE WALLS, APPLY PAINT AT REGULAR CMU ABOVE GFCMU. DO NOT PAINT GFCMU.
4. FINISH/COLOR INDICATED ON SCHEDULE OR ON ROOM FINISHES PLAN IS TO BE APPLIED AT ENTIRE WALL, UNLESS NOTED OTHERWISE.
5. WHERE "HPC" INDICATED, SEE SPECIFICATION SECTION "HIGH-PERFORMANCE COATINGS" FOR TYPE OF COATING TO BE APPLIED, BASED ON SUBSTRATE.
6. PAINT ALL DETENTION HM FRAMES AND DOORS WITH HPC IN COLOR MATCHING THE WALL CONTAINING THEM.
7. PAINT ALL NON-DETENTION HM FRAMES HPC-11, EXCEPT AT MEDICAL AREA PAINT FRAMES HPC-2. PAINT ALL NON-DETENTION HM DOORS WITH HPC IN COLOR MATHCING THE WALL CONTAINING THEM.
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9. SEE REFLECTED CEILING PLANS AND OTHER DRAWINGS FOR CEILING HEIGHTS.
10. SEE CODE DRAWINGS FOR LOCATIONS OF ROOF STRUCTURE TO RECEIVE SPRAY FIRE-RESISTIVE MATERIAL OR INTUMESCENT FIREPROOFING.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

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FIRST LEVEL PLAN - ROOM FINISHES - AREA B

PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

AF810B

SHEET NO. XXX

N

1 SECOND LEVEL PLAN - ROOM FINISHES - AREA A
AF820A 1/8" = 1'-0"

0' 8' 16'

LEGEND

FLOOR PATTERN

X — FINISH COLOR IDENTIFICATION - SEE ROOM FINISH SCHEDULE

EXTENT OF WALL ACCENT FINISH/COLOR

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DATE	XX	02-05-2015

TITLE

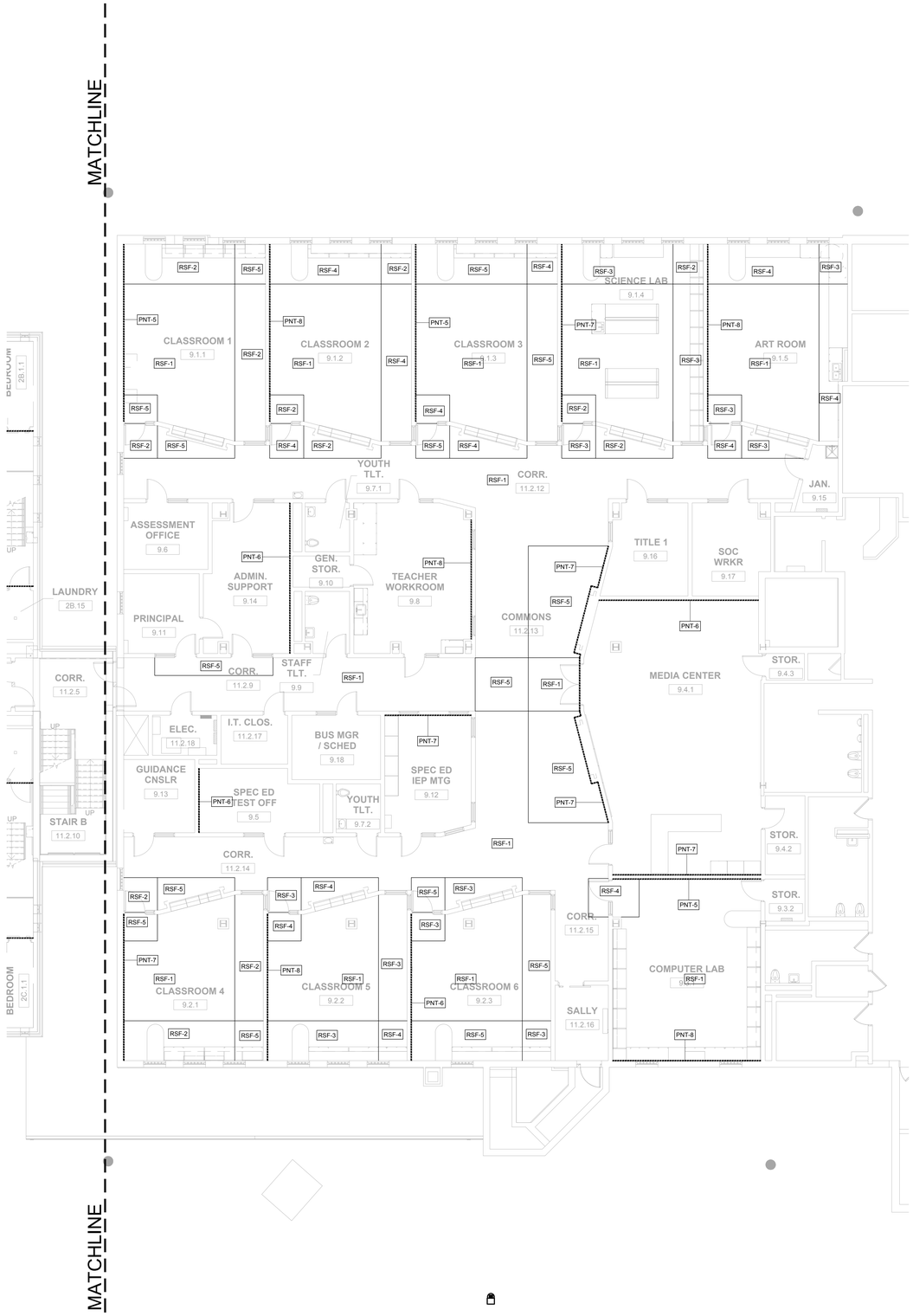
SECOND LEVEL PLAN - ROOM FINISHES - AREA A

PBA PROJECT NO. 13023

DPSCS CONTRACT NO. KT-000-150-C01

AF820A

SHEET NO. XXX



N

1 AF820B SECOND LEVEL PLAN - ROOM FINISHES - AREA B

1/8" = 1'-0"

0' 8' 16'

LEGEND

FLOOR PATTERN

X FINISH COLOR IDENTIFICATION - SEE ROOM FINISH SCHEDULE

EXTENT OF WALL ACCENT FINISH/COLOR

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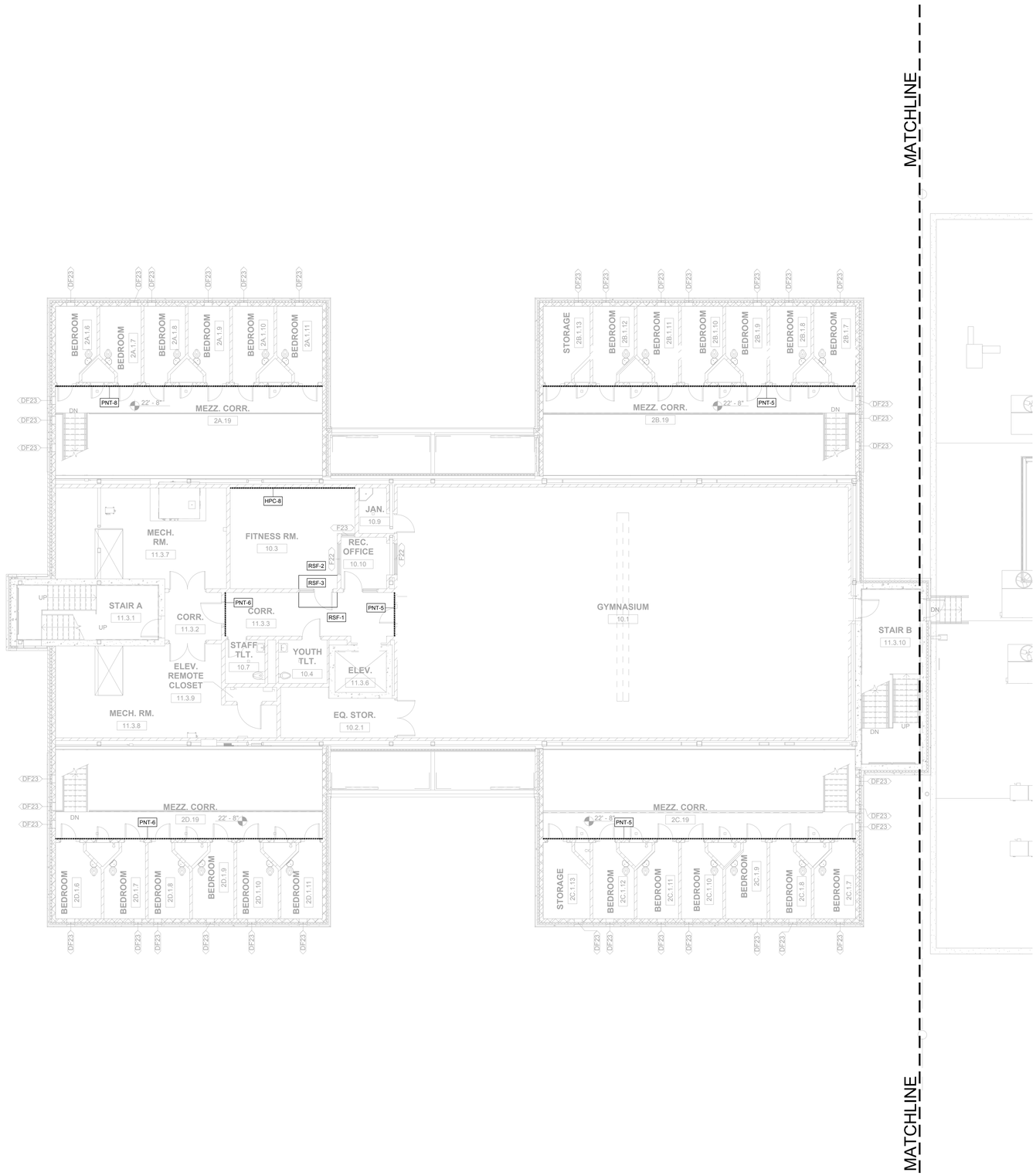
SECOND LEVEL PLAN - ROOM FINISHES - AREA B

PBA PROJECT NO. 13023

DPSCS CONTRACT NO. KT-000-150-C01

AF820B

SHEET NO. XXX



N

1 AF830 THIRD LEVEL PLAN - ROOM FINISHES
1/8" = 1'-0"

0' 8' 16'

LEGEND

————————	FLOOR PATTERN
X	FINISH COLOR IDENTIFICATION - SEE ROOM FINISH SCHEDULE
- - - - - - - - - -	EXTENT OF WALL ACCENT FINISH/COLOR

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DATE	XX	02-05-2015

TITLE

THIRD LEVEL PLAN - ROOM FINISHES

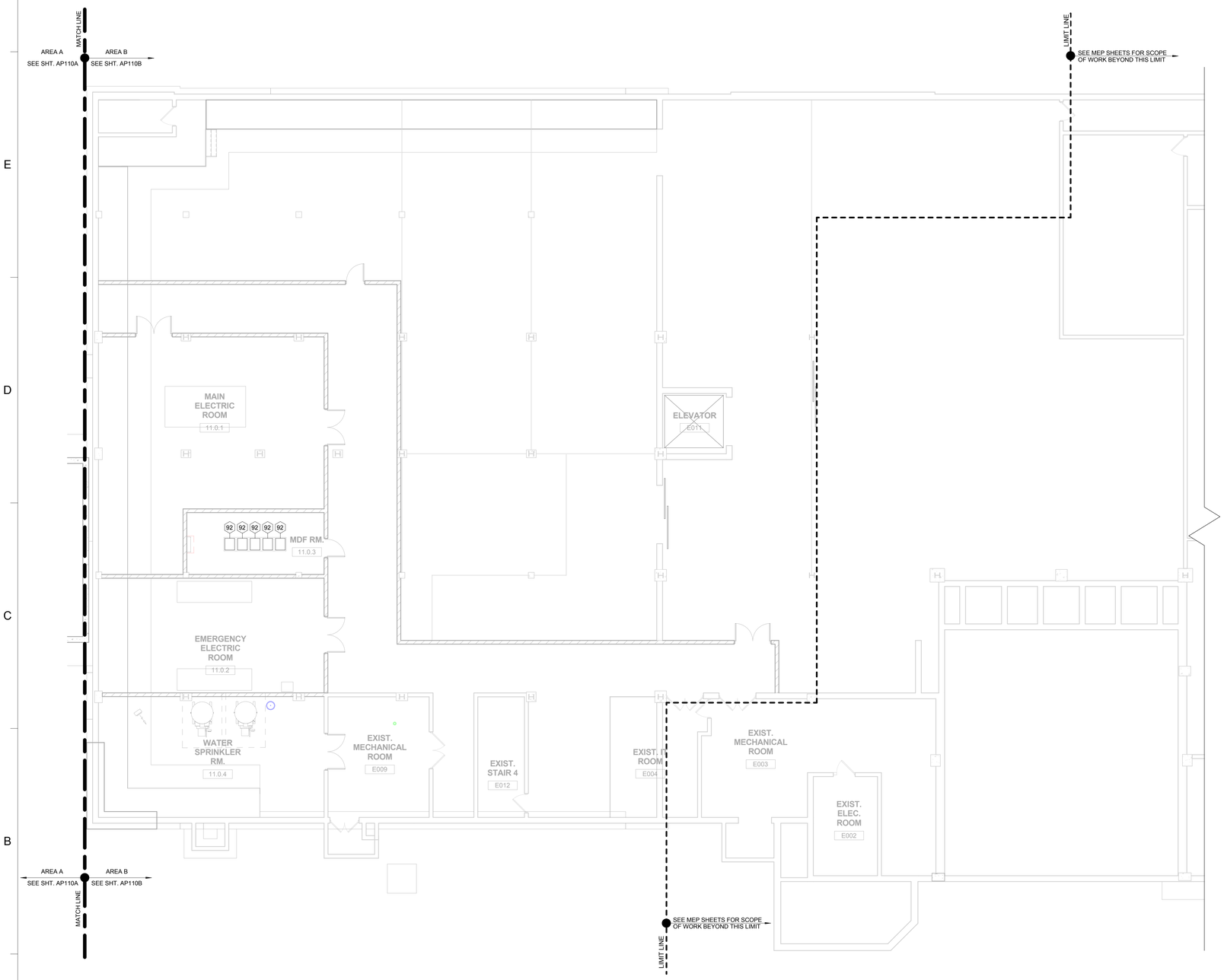
PBA PROJECT NO.	13023
DPSCS CONTRACT NO.	KT-000-150-C01

AF830

SHEET NO. XXX

GENERAL NOTES

1. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL EQUIPMENT INSTALLATION.
2. COORDINATE EXACT UTILITY CONNECTIONS WITH EQUIPMENT.
3. PROVIDE CONCEALED FIRE TREATED WD BLKG FOR ALL EQUIP. MTD ON MTL STUD PARTITION WALLS. COORD BLOCKING LOCATIONS AND EXTENTS WITH WITH EQUIPMENT REQUIREMENTS.
4. SEE DRAWINGS AND PROJECT MANUAL SPECIFICATIONS FOR ADDITIONAL REQUIRED EQUIPMENT NOT LISTED HERE.
5. FINAL UTILITY CONNECTIONS BY DESIGNATED EQUIPMENT INSTALLER, U.N.O.
6. SEE PROJECT MANUAL SPECIFICATIONS FOR TAMPER-PROOF METAL FASTENER REQUIREMENTS.
7. SEE DETENTION DOCUMENTS FOR DETENTION EQUIPMENT REQUIREMENTS.
8. SEE FOOD SERVICE AND LAUNDRY DOCUMENTS FOR FSL EQUIPMENT REQUIREMENTS.
9. SEE ARCHITECTURAL SITE PLAN FOR ADDITIONAL EQUIPMENT SCHEDULED HERE REQUIRING CONTRACTOR PROVIDED UTILITY CONNECTIONS.
10. IN THE SCHEDULE "O" INDICATES OWNER AND "C" INDICATES CONTRACTOR.



N 1 BASEMENT FLOOR PLAN - F, F, & E

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

FURNITURE, FIXTURES, AND EQUIPMENT SCHEDULE

TAG	DESCRIPTION	FURNISHED BY	INSTALLED BY	REQ'D CONTRACTOR INSTALLED UTILITIES: COLD WATER	HOT WATER	WASTE	POWER	CABLE	DATA	MNT. HGT.	COMMENTS	QUANTITY
1	KI 60" x 24" HURRY UP TABLE #HUN246074P	O	O								1	4
2	STANDARD L-SHAPED DESK #115RDL	O	O									9
3	NEW WINDSOR FLIP-UP CHAIR	O	O									59
4	4 DRAWER LATERAL FILE #115STFC	O	O									1
5	TREK TABLE 60" DIAMETER	O	O									4
6	STANDARD CANTON STAFF CREDENZA #115STFC	O	O									17
7	4-DRAWER FILE CABINET	O	O									18
8	WALL MOUNTED 46" FLATSCREEN TV AND MOUNTING BRACKET	O	C				YES	YES			6	4
9	CLG MTD 46" FLAT SCREEN TV (O/C) AND MOUNTING BRACKET (C/C)	O	C				YES	YES			7	1
10	MEZZANINE MTD 46" FLAT SCREEN TV AND MOUNTING BRACKET	O	C				YES	YES			8	4
11	WALL MTD 46" FLAT SCREEN TV, MOUTING BRACKET, AND SECURITY HOUSING	O	C				YES	YES			9	1
12	ZUMA CANTILEVER TWO-STUDENT DESK WITH BOOK BOX #ZDESK226027BOX	O	O									39
13	MOBILE MEDICATION CART	O	O									1
14	STERLING 2 MANAGER HIGH BACK CHAIR, MCE#122CML-AASTC	O	O									5
15	COUNTERTOP DENTAL LIGHT CURING MACHINE	O	O				YES					1
16	COUNTERTOP DENTAL AMALGMATOR	O	O				YES					1
17	COUNTERTOP DENTAL ULTRASONIC CLEANING SYSTEM	O	O				YES					1
18	DENTAL CHAIR, CHAIR MNT LIGHT, CHAIR MNT DENTAL DELIVERY SYSTEM, & STOOL	O	C	YES		YES	YES				2	1
19	WALL MTD DIGITAL X-RAY AND ARM	O	C				YES		YES	3'-9"AFF		1
20	SURFACE MTD X-RAY VIEW BOX	O	C				YES			3'-6"AFF		1
21	COUNTERTOP DENTAL AUTOCLAVE STERILIZER	O	O				YES					1
22	DENTAL ASSISTANT STOOL	O	O									1
23	DENTAL PANOREX DIGITAL X-RAY	O	O				YES		YES			1
24	FLOOR MTD DENTAL COMPRESSOR	O	C			YES	YES				2	1
25	DENTAL AIR-WATER SEPARATOR	O	C	YES							2	1
26	FLOOR MTD DENTAL VACUUM PUMP	O	C	YES		YES	YES				2	1
27	MCE 3' METAL SHELVING 124009	O	O									58
28	EXAM STOOL - RITTER	O	O									2
29	EXAM TABLE, BREWER COMPANY, BASIC EXAM TABLE #4000 AND EXAM STOOL, BREWER COMPNAY, #22400	O	O									2
30	FOOSEBALL TABLE	O	O									1
31	PING-PONG TABLE	O	O									1
32	KI DATALINK MULTIPURPOSE TABLE 30" X 72" WITH POWER UP DMD256F/2 74P-WHITE	O	O								1	7
33	SCIENCE STOOL - VIRCO 3000 SERIES 3821LS	O	O									24
34	COMPUTER STATIONS - MCE STUDY CARREL #106180	O	O									20
35	CYBEX ELLEPITICAL - 625AT ARC TRAINER	O	O									2
36	CYBEX FUNCTIONAL TRAINER - FT450	O	O									1
37	CARBON BLUE PERFORMANCE PLUS EXERCISE BIKE	O	O									2
38	CYBEX TREDMILL - 625T	O	O				YES					2
39	FULL HEIGHT REFRIGERATOR	O	O	YES			YES					3
40	MICROWAVE, COUNTERTOP	O	O				YES				3	2
41	ALTA SIDE CHAIR #12215NAS	O	O									15
42	GUARDIAN HEAVY DUTY CHAIR, MCE #122140	O	O									13
43	TREK TABLE 48" DIAMETER	O	O									1
45	TENOR HIGH BACK #122UN7700D	O	O									16
46	STANDARD L-SHAPED DESK #115LDL	O	O									7
47	STANDARD 60"x36" BOOKCASE #115BC6036B	O	O									24
49	STANDARD 3-DRAWER LATERAL FILE CABINET #115LF3	O	O									28
50	TENOR MID BACK #122UN7700	O	O									55
51	MINI REFRIGERATOR, MAGIC CHEF APPLIANCE #MCBR360S	O	O				YES					3
52	CLARIDGE 4'W X 4'H BULLETIN BOARD AND CABINET, 2040 (PROVIDE LEXAN POLYCARBONATE)											13
54	MEDICUS HEALTH CLEARVIEW STAINLESS STEEL TALL CABINET WITH SWING HANDLE LOCK #2571 M2 48" Wx24"Dx78"H	O	O									2
55	CLARIDGE 4'W X 4'H MARKER BOARD, S4-4x4-LCS	O	C							2'-8"AFF		23
56	CLARIDGE 8'W X 4'H MARKER BOARD, S4-4x8-LCS	O	C							2'-8"AFF		13
57	CLARIDGE 8'W X 4'H BULLETIN BOARD AND CABINET, 2046 (PROVIDE LEXAN POLYCARBONATE)	O	C							2'-8"AFF		8
61	CLARIDGE 3'W X 4'H CHALK BOARD, S4-4X3-VIT (BLACK)	O	C							2'-8"AFF		1
62	STUDENT CHAIRS, ZUMA STG ZU418 (18")	O	O									156
63	CLARIDGE 3'W X 4'H BULLETIN BOARD, S4-4X3-COR, CLARIDGE CORK	O	C							2'-8"AFF		23
64	KI DATALINK MULTI PURPOSE TABLE 36"x36" DMS3FX74P	O	O									6
65	KI PORTICO TABLE 36"Wx72"L #P36F EDGE-74P	O	O									5
67	STANDARD EXECUTIVE DESK #115ED	O	O									8
68	MEDICUS HEALTH, WIRE SHELVING KITS WITH BASKET #2071M3, 24"Dx36"Wx63"H	O	O									5
69	HOSPITAL BEDS, HILL ROM CENTRA SERIES 80	O	O				YES				11	5
70	METAL SHELVING, MCE #124013 (36"x 24"x 82")	O	O									16
72	HARBOR STAFF CREDENZA, 24'D X 60'L, 115HRSCM	O	O									1
73	CLARIDGE 6'W X 4'H MARKER BOARD, S4-4X6-LCS	O	C							2'-8"AFF		6
74	WALK-THROUGH METAL SCANNER	O	O				YES				1	2
75	SMITHS HEIMANN HS 6040DS X-RAY SCANNER WITH CONVEYOR, MONITOR, CART, KEYBOARD SOFTWARE	O	O				YES				1	1
78	CLARIDGE 10'W x 4'H MARKER BOARD, S4-4x10-LCS	O	C							2'-8"AFF		3
79	CLARIDGE 12'W X 4'H BULLETIN BOARD, S4-4x12-COR, CLARIDGE CORK	O	C							2'-8"AFF		1
80	CLARIDGE 12' W X 4'H MARKER BOARD S4-4x12-LCS	O	C							2'-8"AFF		7
81	SHORT THROW PROJECTOR AND WALL MOUNT	O	C				YES		YES	7'-8"AFF	4	13
82	HYBRID TV BOX TUNER	O	O				YES		YES		4	13
83	MOBILE CRASH CART	O	O									1
84	PRINTER / COPY MACHINE	O	O				YES		YES			4
85	INMATE PHONE	O	O						YES	3'-6"AFF		23
86	DESKTOP PRINTER	O	O				YES		YES			10
87	ROLL-FOLD POWER OPERATED DIVIDER CURTAIN	C	C				YES				5	1
88	ELECTRONIC KITCHEN TIME CLOCK	O	O				YES		YES	3'-0" AFF		1
89	DUMPSTER	O	O									1
90	TRASH COMPACTOR	O	O				YES					1
91	LOCKING STEEL NARCOTICS CABINET, WALL MTD	O	O							3'-6"AFF		1
92	I.T. EQUIPMENT RACK	O	O				YES		YES			7
93	DIAGNOSTIC INSTRUMENT SET, WALL MTD	O	O				YES			4'-6"AFF		2
94	TRACTION ELEVATOR	C	C				YES					1
95	PREMANUFACTURED CROSSROADS CIRCULATION DESK - WILSONART KENSINGTON MAPLE FINISH 10776-60	O	O									1
96	42"H DBL SIDED MCE LIBRARY SHELF ADDER UNIT	O	O									8
97	42"H DBL SIDED MCE LIBRARY SHELF STARTER UNIT	O	O									3
98	OVERBED TABLE	O	O									5
99	BEDSIDE TABLE	O	O									5
100	BODY ORIFICE SCANNER	O	O				YES					1
101	ELECTRONIC TIME CLOCK	O	O				YES		YES	3'-0"		1
102	MCE 3'W x 18"D x 78"H STORAGE CABINET	O	O									1
103	3'W x 12"D x 76"H MEDICAL FILE CABINET	O	O									2
104	CROSS COURT BASKETBALL GOAL AND SUPPORTS	C	C									4
105	BASKETBALL GOAL AND SUPPORTS	C	C									2
106	ATHLETIC WALL PADDING	C	C									11
107	VOLLEYBALL STANDARD FLOOR SLEEVES	C	C								10	2
108	SGL SIDED FULL HEIGHT MCE LIBRARY SHELF ADDER UNIT	O	O									3
109	SGL SIDED FULL HEIGHT MCE LIBRARY SHELF STARTER UNIT	O	O									2
110	WALL MOUNTED COMPUTER WORK STATION	O	C				YES		YES			2

SCHEDULE COMMENTS

1. CONTRACTOR TO COORDINATE LOCATION OF ELECTRICAL FLOOR BOX WTIH EQUIPMENT.
2. CONTRACTOR TO PROVIDE FLOOR AND WALL PENETRATIONS AS REQUIRED TO CONCEAL AND ROUTE RELATED EQUIPMENT PIPING UNDERFLOOR FROM CHAIR LOCATION TO EQUIPMENT IN COMPRESSOR ROOM. RATE PENETRATIONS AS REQUIRED ELSEWHERE.
3. CONTRACTOR TO PROVIDE POWER OUTLET LOCATED IN BACK WALL OF UPPER WALL CABINET CONTAINING MICROWAVE.
4. SEE CASEWORK AND ELECTRICAL DWGS FOR LOCATION AND CONFIGURATION OF THE TV TUNER BOX AND IT'S REQUIRED CONNECTIONS. PROVIDE CONCEALED CONDUIT FOR VGA, USB (CAT5), HDMI, AND DATA FROM THE PROJECTOR LOCATION TO THE TV TUNER LOCATION AND THEN TO THE CABLE TRAY LEADING TO THE IDF ROOM.
5. SEE PROJECT MANUAL SPECIFICATIONS FOR STRUCTURAL SUPPORT COORDINATION REQUIREMENTS.
6. SEE DETAIL A1 / A581.
7. SEE DETAIL B1 / A581.
8. SEE DETAIL A3 & B3 / A581.
9. SEE DETAIL D1 / A581.
10. SEE DETAIL E1/A581.
11. REFER TO ELEC DWGS FOR REQ'D SYSTEM CONNECTIONS ASSOCIATED WITH HOSPITAL BED.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
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ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

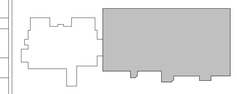
BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN



SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

FURNITURE, FIXTURES, AND EQUIPMENT

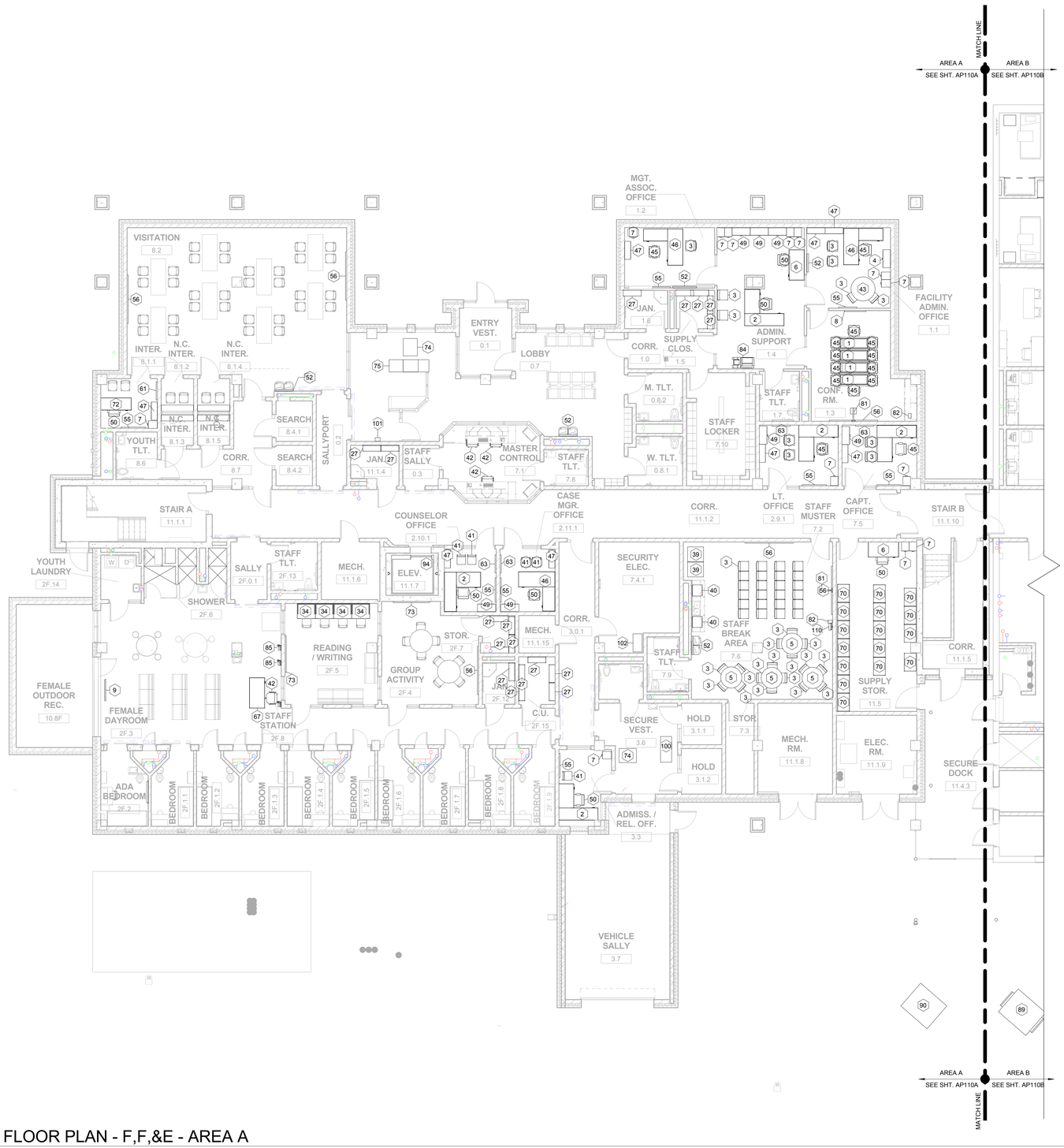
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

FE100

SHEET NO.

GENERAL NOTES

1. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL EQUIPMENT INSTALLATION.
2. COORDINATE EXACT UTILITY CONNECTIONS WITH EQUIPMENT.
3. PROVIDE CONCEALED FIRE TREATED WD BLKG FOR ALL EQUIP. MTD ON MTL STUD PARTITION WALLS. COORD BLOCKING LOCATIONS AND EXTENTS WITH WITH EQUIPMENT REQUIREMENTS.
4. SEE DRAWINGS AND PROJECT MANUAL SPECIFICATIONS FOR ADDITIONAL REQUIRED EQUIPMENT NOT LISTED HERE.
5. FINAL UTILITY CONNECTIONS BY DESIGNATED EQUIPMENT INSTALLER. U.N.O.
6. SEE PROJECT MANUAL SPECIFICATIONS FOR TAMPER-PROOF METAL FASTENER REQUIREMENTS.
7. SEE DETENTION DOCUMENTS FOR DETENTION EQUIPMENT REQUIREMENTS.
8. SEE FOOD SERVICE AND LAUNDRY DOCUMENTS FOR FSL EQUIPMENT REQUIREMENTS.
9. SEE ARCHITECTURAL SITE PLAN FOR ADDITIONAL EQUIPMENT SCHEDULED HERE REQUIRING CONTRACTOR PROVIDED UTILITY CONNECTIONS.
10. IN THE SCHEDULE "O" INDICATES OWNER AND "C" INDICATES CONTRACTOR.



N 1 FIRST FLOOR PLAN - F,F,&E - AREA A

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

FURNITURE, FIXTURES, AND EQUIPMENT SCHEDULE

TAG	DESCRIPTION	FURNISHED BY	INSTALLED BY	REQ'D CONTRACTOR INSTALLED UTILITIES: COLD WATER	HOT WATER	WASTE	POWER	CABLE	DATA	MNT. HGT.	COMMENTS	QUANTITY
1	KI 60" x 24" HURRY UP TABLE #HUN246074P	O	O								1	4
2	STANDARD L-SHAPED DESK #115RDL	O	O									9
3	NEW WINDSOR FLIP-UP CHAIR	O	O									59
4	4 DRAWER LATERAL FILE #115STFC	O	O									1
5	TREK TABLE 60" DIAMETER	O	O									4
6	STANDARD CANTON STAFF CREDENZA #115STFC	O	O									17
7	4-DRAWER FILE CABINET	O	O									18
8	WALL MOUNTED 46" FLATSCREEN TV AND MOUNTING BRACKET	O	C				YES	YES			6	4
9	CLG MTD 46" FLAT SCREEN TV (O/C) AND MOUNTING BRACKET (C/C)	O	C				YES	YES			7	1
10	MEZZANINE MTD 46" FLAT SCREEN TV AND MOUNTING BRACKET	O	C				YES	YES			8	4
11	WALL MTD 46" FLAT SCREEN TV, MOUTING BRACKET, AND SECURITY HOUSING	O	C				YES	YES			9	1
12	ZUMA CANTILEVER TWO-STUDENT DESK WITH BOOK BOX #ZDESK226027BOX	O	O									39
13	MOBILE MEDICATION CART	O	O									1
14	STERLING 2 MANAGER HIGH BACK CHAIR, MCE#122CML-AASTC	O	O									5
15	COUNTERTOP DENTAL LIGHT CURING MACHINE	O	O				YES					1
16	COUNTERTOP DENTAL AMALGMATOR	O	O				YES					1
17	COUNTERTOP DENTAL ULTRASONIC CLEANING SYSTEM	O	O				YES					1
18	DENTAL CHAIR, CHAIR MNT LIGHT, CHAIR MNT DENTAL DELIVERY SYSTEM, & STOOL	O	C	YES		YES	YES				2	1
19	WALL MTD DIGITAL X-RAY AND ARM	O	C				YES		YES	3'-9"AFF		1
20	SURFACE MTD X-RAY VIEW BOX	O	C				YES			3'-6"AFF		1
21	COUNTERTOP DENTAL AUTOCLAVE STERILIZER	O	O				YES					1
22	DENTAL ASSISTANT STOOL	O	O									1
23	DENTAL PANOREX DIGITAL X-RAY	O	O				YES		YES			1
24	FLOOR MTD DENTAL COMPRESSOR	O	C			YES	YES				2	1
25	DENTAL AIR-WATER SEPARATOR	O	C	YES							2	1
26	FLOOR MTD DENTAL VACUUM PUMP	O	C	YES		YES	YES				2	1
27	MCE 3' METAL SHELVING 124009	O	O									58
28	EXAM STOOL - RITTER	O	O									2
29	EXAM TABLE, BREWER COMPANY, BASIC EXAM TABLE #4000 AND EXAM STOOL, BREWER COMPNAY, #22400	O	O									2
30	FOOSEBALL TABLE	O	O									1
31	PING-PONG TABLE	O	O									1
32	KI DATALINK MULTIPURPOSE TABLE 30" X 72" WITH POWER UP DMD256F/2 74P-WHITE	O	O								1	7
33	SCIENCE STOOL - VIRCO 3000 SERIES 3821LS	O	O									24
34	COMPUTER STATIONS - MCE STUDY CARREL #106180	O	O									20
35	CYBEX ELLEPITICAL - 625AT ARC TRAINER	O	O									2
36	CYBEX FUNCTIONAL TRAINER - FT450	O	O									1
37	CARBON BLUE PERFORMANCE PLUS EXERCISE BIKE	O	O									2
38	CYBEX TREDMILL - 625T	O	O				YES					2
39	FULL HEIGHT REFRIGERATOR	O	O	YES			YES					3
40	MICROWAVE, COUNTERTOP	O	O				YES				3	2
41	ALTA SIDE CHAIR #12215NAS	O	O									15
42	GUARDIAN HEAVY DUTY CHAIR, MCE #122140	O	O									13
43	TREK TABLE 48" DIAMETER	O	O									1
45	TENOR HIGH BACK #122UN7700D	O	O									16
46	STANDARD L-SHAPED DESK #115LDL	O	O									7
47	STANDARD 60"x36" BOOKCASE #115BC6036B	O	O									24
49	STANDARD 3-DRAWER LATERAL FILE CABINET #115LF3	O	O									28
50	TENOR MID BACK #122UN7700	O	O									55
51	MINI REFRIGERATOR, MAGIC CHEF APPLIANCE #MCBR360S	O	O				YES					3
52	CLARIDGE 4'W X 4'H BULLETIN BOARD AND CABINET, 2040 (PROVIDE LEXAN POLYCARBONATE)											13
54	MEDICUS HEALTH CLEARVIEW STAINLESS STEEL TALL CABINET WITH SWING HANDLE LOCK #2571 M2 48" Wx24"Dx78"H	O	O									2
55	CLARIDGE 4'W X 4'H MARKER BOARD, S4-4x4-LCS	O	C							2'-8"AFF		23
56	CLARIDGE 8'W X 4'H MARKER BOARD, S4-4x8-LCS	O	C							2'-8"AFF		13
57	CLARIDGE 8'W X 4'H BULLETIN BOARD AND CABINET, 2046 (PROVIDE LEXAN POLYCARBONATE)	O	C							2'-8"AFF		8
61	CLARIDGE 3'W X 4'H CHALK BOARD, S4-4X3-VIT (BLACK)	O	C							2'-8"AFF		1
62	STUDENT CHAIRS, ZUMA STG ZU418 (18")	O	O									156
63	CLARIDGE 3'W X 4'H BULLETIN BOARD, S4-4X3-COR, CLARIDGE CORK	O	C							2'-8"AFF		23
64	KI DATALINK MULTI PURPOSE TABLE 36"x36" DMS3FX74P	O	O									6
65	KI PORTICO TABLE 36"Wx72"L #P36F EDGE-74P	O	O									5
67	STANDARD EXECUTIVE DESK #115ED	O	O									8
68	MEDICUS HEALTH, WIRE SHELVING KITS WITH BASKET #2071M3, 24"Dx36"Wx63"H	O	O									5
69	HOSPITAL BEDS, HILL ROM CENTRA SERIES 80	O	O				YES				11	5
70	METAL SHELVING, MCE #124013 (36"x 24"x 82")	O	O									16
72	HARBOR STAFF CREDENZA, 24'D X 60'L, 115HRSCM	O	O									1
73	CLARIDGE 6'W X 4'H MARKER BOARD, S4-4X6-LCS	O	C							2'-8"AFF		6
74	WALK-THROUGH METAL SCANNER	O	O				YES				1	2
75	SMITHS HEIMANN HS 6040DS X-RAY SCANNER WITH CONVEYOR, MONITOR, CART, KEYBOARD SOFTWARE	O	O				YES				1	1
78	CLARIDGE 10'W x 4'H MARKER BOARD, S4-4x10-LCS	O	C							2'-8"AFF		3
79	CLARIDGE 12'W X 4'H BULLETIN BOARD, S4-4x12-COR, CLARIDGE CORK	O	C							2'-8"AFF		1
80	CLARIDGE 12' W X 4'H MARKER BOARD S4-4x12-LCS	O	C							2'-8"AFF		7
81	SHORT THROW PROJECTOR AND WALL MOUNT	O	C				YES		YES	7'-8"AFF	4	13
82	HYBRID TV BOX TUNER	O	O				YES		YES		4	13
83	MOBILE CRASH CART	O	O									1
84	PRINTER / COPY MACHINE	O	O				YES		YES			4
85	INMATE PHONE	O	O						YES	3'-6"AFF		23
86	DESKTOP PRINTER	O	O				YES		YES			10
87	ROLL-FOLD POWER OPERATED DIVIDER CURTAIN	C	C				YES				5	1
88	ELECTRONIC KITCHEN TIME CLOCK	O	O				YES		YES	3'-0" AFF		1
89	DUMPSTER	O	O									1
90	TRASH COMPACTOR	O	O				YES					1
91	LOCKING STEEL NARCOTICS CABINET, WALL MTD	O	O							3'-6"AFF		1
92	I.T. EQUIPMENT RACK	O	O				YES		YES			7
93	DIAGNOSTIC INSTRUMENT SET, WALL MTD	O	O				YES			4'-6"AFF		2
94	TRACTION ELEVATOR	C	C				YES					1
95	PREMANUFACTURED CROSSROADS CIRCULATION DESK - WILSONART KENSINGTON MAPLE FINISH 10776-60	O	O									1
96	42"H DBL SIDED MCE LIBRARY SHELF ADDER UNIT	O	O									8
97	42"H DBL SIDED MCE LIBRARY SHELF STARTER UNIT	O	O									3
98	OVERBED TABLE	O	O									5
99	BEDSIDE TABLE	O	O									5
100	BODY ORIFICE SCANNER	O	O				YES					1
101	ELECTRONIC TIME CLOCK	O	O				YES		YES	3'-0"		1
102	MCE 3'W x 18"D x 78"H STORAGE CABINET	O	O									1
103	3'W x 12"D x 76"H MEDICAL FILE CABINET	O	O									2
104	CROSS COURT BASKETBALL GOAL AND SUPPORTS	C	C									4
105	BASKETBALL GOAL AND SUPPORTS	C	C									2
106	ATHLETIC WALL PADDING	C	C									11
107	VOLLEYBALL STANDARD FLOOR SLEEVES	C	C								10	2
108	SGL SIDED FULL HEIGHT MCE LIBRARY SHELF ADDER UNIT	O	O									3
109	SGL SIDED FULL HEIGHT MCE LIBRARY SHELF STARTER UNIT	O	O									2
110	WALL MOUNTED COMPUTER WORK STATION	O	C				YES		YES			2

SCHEDULE COMMENTS

1. CONTRACTOR TO COORDINATE LOCATION OF ELECTRICAL FLOOR BOX WTIH EQUIPMENT.
2. CONTRACTOR TO PROVIDE FLOOR AND WALL PENETRATIONS AS REQUIRED TO CONCEAL AND ROUTE RELATED EQUIPMENT PIPING UNDERFLOOR FROM CHAIR LOCATION TO EQUIPMENT IN COMPRESSOR ROOM. RATE PENETRATIONS AS REQUIRED ELSEWHERE.
3. CONTRACTOR TO PROVIDE POWER OUTLET LOCATED IN BACK WALL OF UPPER WALL CABINET CONTAINING MICROWAVE.
4. SEE CASEWORK AND ELECTRICAL DWGS FOR LOCATION AND CONFIGURATION OF THE TV TUNER BOX AND IT'S REQUIRED CONNECTIONS. PROVIDE CONCEALED CONDUIT FOR VGA, USB (CAT5), HDMI, AND DATA FROM THE PROJECTOR LOCATION TO THE TV TUNER LOCATION AND THEN TO THE CABLE TRAY LEADING TO THE IDF ROOM.
5. SEE PROJECT MANUAL SPECIFICATIONS FOR STRUCTURAL SUPPORT COORDINATION REQUIREMENTS.
6. SEE DETAIL A1 / A581.
7. SEE DETAIL B1 / A581.
8. SEE DETAIL A3 & B3 / A581.
9. SEE DETAIL D1 / A581.
10. SEE DETAIL E1/A581.
11. REFER TO ELEC DWGS FOR REQ'D SYSTEM CONNECTIONS ASSOCIATED WITH HOSPITAL BED.

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

FURNITURE, FIXTURES, AND EQUIPMENT

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

FE110A

SHEET NO.

GENERAL NOTES

1. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL EQUIPMENT INSTALLATION.
2. COORDINATE EXACT UTILITY CONNECTIONS WITH EQUIPMENT.
3. PROVIDE CONCEALED FIRE TREATED WD BLKG FOR ALL EQUIP. MTD ON MTL STUD PARTITION WALLS. COORD BLOCKING LOCATIONS AND EXTENTS WITH WITH EQUIPMENT REQUIREMENTS.
4. SEE DRAWINGS AND PROJECT MANUAL SPECIFICATIONS FOR ADDITIONAL REQUIRED EQUIPMENT NOT LISTED HERE.
5. FINAL UTILITY CONNECTIONS BY DESIGNATED EQUIPMENT INSTALLER. U.N.O.
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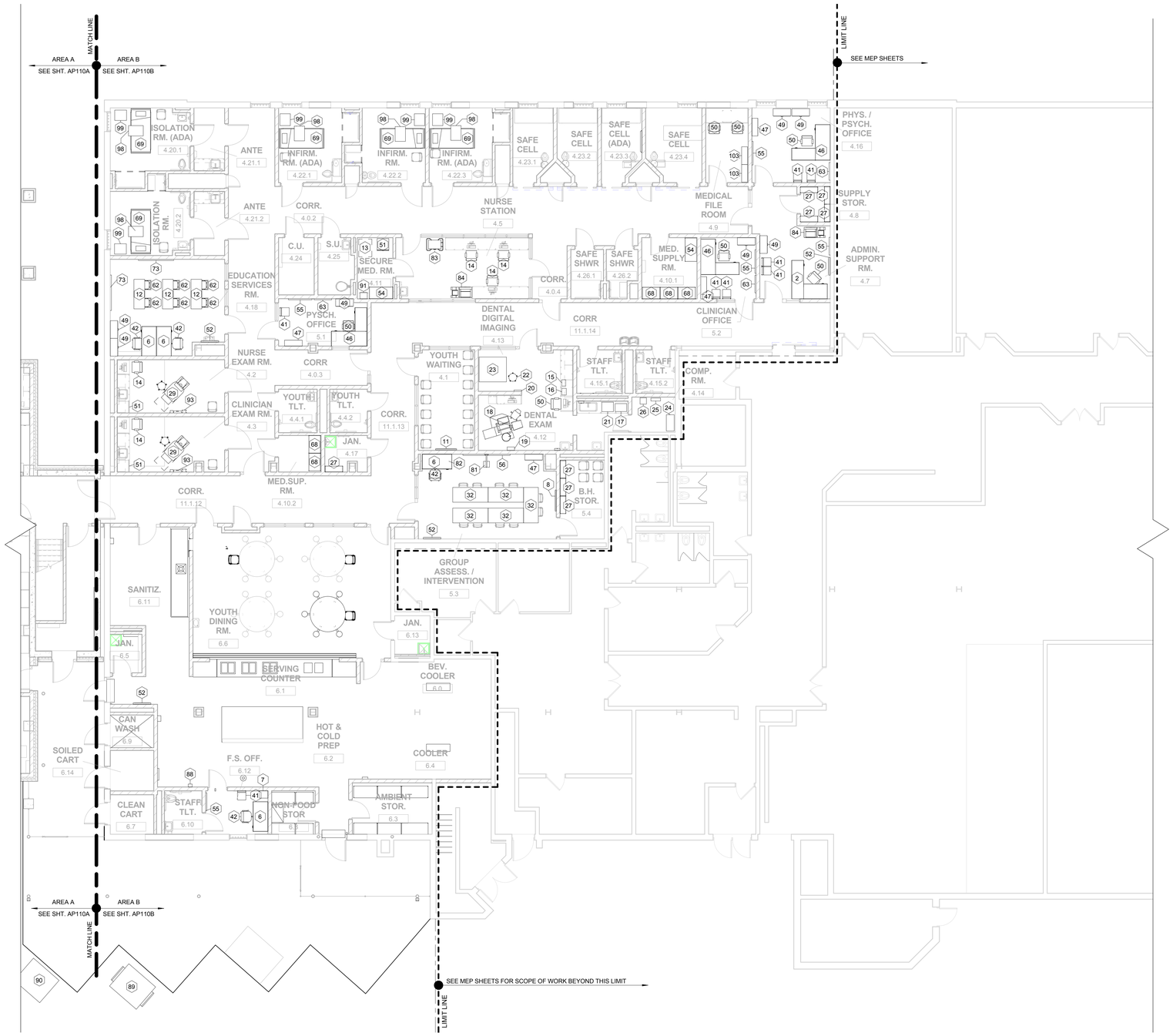


N

1 FIRST FLOOR PLAN - F,F,&E - AREA B

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

FURNITURE, FIXTURES, AND EQUIPMENT SCHEDULE

TAG	DESCRIPTION	FURNISHED BY	INSTALLED BY	REQ'D CONTRACTOR INSTALLED UTILITIES: COLD WATER	HOT WATER	WASTE	POWER	CABLE	DATA	MNT. HGT.	COMMENTS	QUANTITY
1	KI 60" x 24" HURRY UP TABLE #HUN246074P	O	O								1	4
2	STANDARD L-SHAPED DESK #115RDL	O	O									9
3	NEW WINDSOR FLIP-UP CHAIR	O	O									59
4	4 DRAWER LATERAL FILE #115STFC	O	O									1
5	TREK TABLE 60" DIAMETER	O	O									4
6	STANDARD CANTON STAFF CREDENZA #115STFC	O	O									17
7	4-DRAWER FILE CABINET	O	O									18
8	WALL MOUNTED 46" FLATSCREEN TV AND MOUNTING BRACKET	O	C				YES	YES			6	4
9	CLG MTD 46" FLAT SCREEN TV (O/C) AND MOUNTING BRACKET (C/C)	O	C				YES	YES			7	1
10	MEZZANINE MTD 46" FLAT SCREEN TV AND MOUNTING BRACKET	O	C				YES	YES			8	4
11	WALL MTD 46" FLAT SCREEN TV, MOUTING BRACKET, AND SECURITY HOUSING	O	C				YES	YES			9	1
12	ZUMA CANTILEVER TWO-STUDENT DESK WITH BOOK BOX #ZDESK226027BOX	O	O									39
13	MOBILE MEDICATION CART	O	O									1
14	STERLING 2 MANAGER HIGH BACK CHAIR, MCE#122CML-AASTC	O	O									5
15	COUNTERTOP DENTAL LIGHT CURING MACHINE	O	O				YES					1
16	COUNTERTOP DENTAL AMALGMATOR	O	O				YES					1
17	COUNTERTOP DENTAL ULTRASONIC CLEANING SYSTEM	O	O				YES					1
18	DENTAL CHAIR, CHAIR MNT LIGHT, CHAIR MNT DENTAL DELIVERY SYSTEM, & STOOL	O	C	YES		YES	YES				2	1
19	WALL MTD DIGITAL X-RAY AND ARM	O	C				YES		YES	3'-9"AFF		1
20	SURFACE MTD X-RAY VIEW BOX	O	C				YES			3'-6"AFF		1
21	COUNTERTOP DENTAL AUTOCLAVE STERILIZER	O	O				YES					1
22	DENTAL ASSISTANT STOOL	O	O									1
23	DENTAL PANOREX DIGITAL X-RAY	O	O				YES		YES			1
24	FLOOR MTD DENTAL COMPRESSOR	O	C			YES	YES				2	1
25	DENTAL AIR-WATER SEPARATOR	O	C	YES							2	1
26	FLOOR MTD DENTAL VACUUM PUMP	O	C	YES		YES	YES				2	1
27	MCE 3' METAL SHELVING 124009	O	O									58
28	EXAM STOOL - RITTER	O	O									2
29	EXAM TABLE, BREWER COMPANY, BASIC EXAM TABLE #4000 AND EXAM STOOL, BREWER COMPNAY, #22400	O	O									2
30	FOOSEBALL TABLE	O	O									1
31	PING-PONG TABLE	O	O									1
32	KI DATALINK MULTIPURPOSE TABLE 30" X 72" WITH POWER UP DMD2565F/2 74P-WHITE	O	O								1	7
33	SCIENCE STOOL - VIRCO 3000 SERIES 3821LS	O	O									24
34	COMPUTER STATIONS - MCE STUDY CARREL #106180	O	O									20
35	CYBEX ELLEPITICAL - 625AT ARC TRAINER	O	O									2
36	CYBEX FUNCTIONAL TRAINER - FT450	O	O									1
37	CARBON BLUE PERFORMANCE PLUS EXERCISE BIKE	O	O									2
38	CYBEX TREDMILL - 625T	O	O				YES					2
39	FULL HEIGHT REFRIGERATOR	O	O	YES			YES					3
40	MICROWAVE, COUNTERTOP	O	O				YES				3	2
41	ALTA SIDE CHAIR #12215NAS	O	O									15
42	GUARDIAN HEAVY DUTY CHAIR, MCE #122140	O	O									13
43	TREK TABLE 48" DIAMETER	O	O									1
45	TENOR HIGH BACK #122UN7700D	O	O									16
46	STANDARD L-SHAPED DESK #115LDL	O	O									7
47	STANDARD 60"x36" BOOKCASE #115BC6036B	O	O									24
49	STANDARD 3-DRAWER LATERAL FILE CABINET #115LF3	O	O									28
50	TENOR MID BACK #122UN7700	O	O									55
51	MINI REFRIGERATOR, MAGIC CHEF APPLIANCE #MCBR360S	O	O				YES					3
52	CLARIDGE 4'W X 4'H BULLETIN BOARD AND CABINET, 2040 (PROVIDE LEXAN POLYCARBONATE)											13
54	MEDICUS HEALTH CLEARVIEW STAINLESS STEEL TALL CABINET WITH SWING HANDLE LOCK #2571 M2 48" Wx24"Dx78"H	O	O									2
55	CLARIDGE 4'W X 4'H MARKER BOARD, S4-4x4-LCS	O	C							2'-8"AFF		23
56	CLARIDGE 8'W X 4'H MARKER BOARD, S4-4x8-LCS	O	C							2'-8"AFF		13
57	CLARIDGE 8'W X 4'H BULLETIN BOARD AND CABINET, 2046 (PROVIDE LEXAN POLYCARBONATE)	O	C							2'-8"AFF		8
61	CLARIDGE 3'W X 4'H CHALK BOARD, S4-4X3-VIT (BLACK)	O	C							2'-8"AFF		1
62	STUDENT CHAIRS, ZUMA STG ZU418 (18")	O	O									156
63	CLARIDGE 3'W X 4'H BULLETIN BOARD, S4-4X3-COR, CLARIDGE CORK	O	C							2'-8"AFF		23
64	KI DATALINK MULTI PURPOSE TABLE 36"x36" DMS3FX74P	O	O									6
65	KI PORTICO TABLE 36"Wx72"L #P36F EDGE-74P	O	O									5
67	STANDARD EXECUTIVE DESK #115ED	O	O									8
68	MEDICUS HEALTH, WIRE SHELVING KITS WITH BASKET #2EUM3, 24"Dx36"Wx63"H	O	O									5
69	HOSPITAL BEDS, HILL ROM CENTRA SERIES 80	O	O				YES				11	5
70	METAL SHELVING, MCE #124013 (36"x 24"x 82")	O	O									16
72	HARBOR STAFF CREDENZA, 24'D X 60'L, 115HRSCM	O	O									1
73	CLARIDGE 6'W X 4'H MARKER BOARD, S4-4X6-LCS	O	C							2'-8"AFF		6
74	WALK-THROUGH METAL SCANNER	O	O				YES				1	2
75	SMITHS HEIMANN HS 6040DS X-RAY SCANNER WITH CONVEYOR, MONITOR, CART, KEYBOARD SOFTWARE	O	O				YES				1	1
78	CLARIDGE 10'W x 4'H MARKER BOARD, S4-4x10-LCS	O	C							2'-8"AFF		3
79	CLARIDGE 12'W X 4'H BULLETIN BOARD, S4-4x12-COR, CLARIDGE CORK	O	C							2'-8"AFF		1
80	CLARIDGE 12' W X 4'H MARKER BOARD S4-4x12-LCS	O	C							2'-8"AFF		7
81	SHORT THROW PROJECTOR AND WALL MOUNT	O	C				YES		YES	7'-8"AFF	4	13
82	HYBRID TV BOX TUNER	O	O				YES		YES		4	13
83	MOBILE CRASH CART	O	O									1
84	PRINTER / COPY MACHINE	O	O				YES		YES			4
85	INMATE PHONE	O	O						YES	3'-6"AFF		23
86	DESKTOP PRINTER	O	O				YES		YES			10
87	ROLL-FOLD POWER OPERATED DIVIDER CURTAIN	C	C				YES				5	1
88	ELECTRONIC KITCHEN TIME CLOCK	O	O				YES		YES	3'-0" AFF		1
89	DUMPSTER	O	O									1
90	TRASH COMPACTOR	O	O				YES					1
91	LOCKING STEEL NARCOTICS CABINET, WALL MTD	O	O							3'-6"AFF		1
92	I.T. EQUIPMENT RACK	O	O				YES		YES			7
93	DIAGNOSTIC INSTRUMENT SET, WALL MTD	O	O				YES			4'-6"AFF		2
94	TRACTION ELEVATOR	C	C				YES					1
95	PREMANUFACTURED CROSSROADS CIRCULATION DESK - WILSONART KENSINGTON MAPLE FINISH 10776-60	O	O									1
96	42"H DBL SIDED MCE LIBRARY SHELF ADDER UNIT	O	O									8
97	42"H DBL SIDED MCE LIBRARY SHELF STARTER UNIT	O	O									3
98	OVERBED TABLE	O	O									5
99	BEDSIDE TABLE	O	O									5
100	BODY ORIFICE SCANNER	O	O				YES					1
101	ELECTRONIC TIME CLOCK	O	O				YES		YES	3'-0"		1
102	MCE 3'W x 18"D x 78"H STORAGE CABINET	O	O									1
103	3'W x 12"D x 76"H MEDICAL FILE CABINET	O	O									2
104	CROSS COURT BASKETBALL GOAL AND SUPPORTS	C	C									4
105	BASKETBALL GOAL AND SUPPORTS	C	C									2
106	ATHLETIC WALL PADDING	C	C									11
107	VOLLEYBALL STANDARD FLOOR SLEEVES	C	C								10	2
108	SGL SIDED FULL HEIGHT MCE LIBRARY SHELF ADDER UNIT	O	O									3
109	SGL SIDED FULL HEIGHT MCE LIBRARY SHELF STARTER UNIT	O	O									2
110	WALL MOUNTED COMPUTER WORK STATION	O	C				YES		YES			2

SCHEDULE COMMENTS

1. CONTRACTOR TO COORDINATE LOCATION OF ELECTRICAL FLOOR BOX WTIH EQUIPMENT.
2. CONTRACTOR TO PROVIDE FLOOR AND WALL PENETRATIONS AS REQUIRED TO CONCEAL AND ROUTE RELATED EQUIPMENT PIPING UNDERFLOOR FROM CHAIR LOCATION TO EQUIPMENT IN COMPRESSOR ROOM. RATE PENETRATIONS AS REQUIRED ELSEWHERE.
3. CONTRACTOR TO PROVIDE POWER OUTLET LOCATED IN BACK WALL OF UPPER WALL CABINET CONTAINING MICROWAVE.
4. SEE CASEWORK AND ELECTRICAL DWGS FOR LOCATION AND CONFIGURATION OF THE TV TUNER BOX AND IT'S REQUIRED CONNECTIONS. PROVIDE CONCEALED CONDUIT FOR VGA, USB (CAT5), HDMI, AND DATA FROM THE PROJECTOR LOCATION TO THE TV TUNER LOCATION AND THEN TO THE CABLE TRAY LEADING TO THE IDF ROOM.
5. SEE PROJECT MANUAL SPECIFICATIONS FOR STRUCTURAL SUPPORT COORDINATION REQUIREMENTS.
6. SEE DETAIL A1 / A581.
7. SEE DETAIL B1 / A581.
8. SEE DETAIL A3 & B3 / A581.
9. SEE DETAIL D1 / A581.
10. SEE DETAIL E1/A581.
11. REFER TO ELEC DWGS FOR REQ'D SYSTEM CONNECTIONS ASSOCIATED WITH HOSPITAL BED.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND

SEAL
ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

FURNITURE, FIXTURES, AND EQUIPMENT

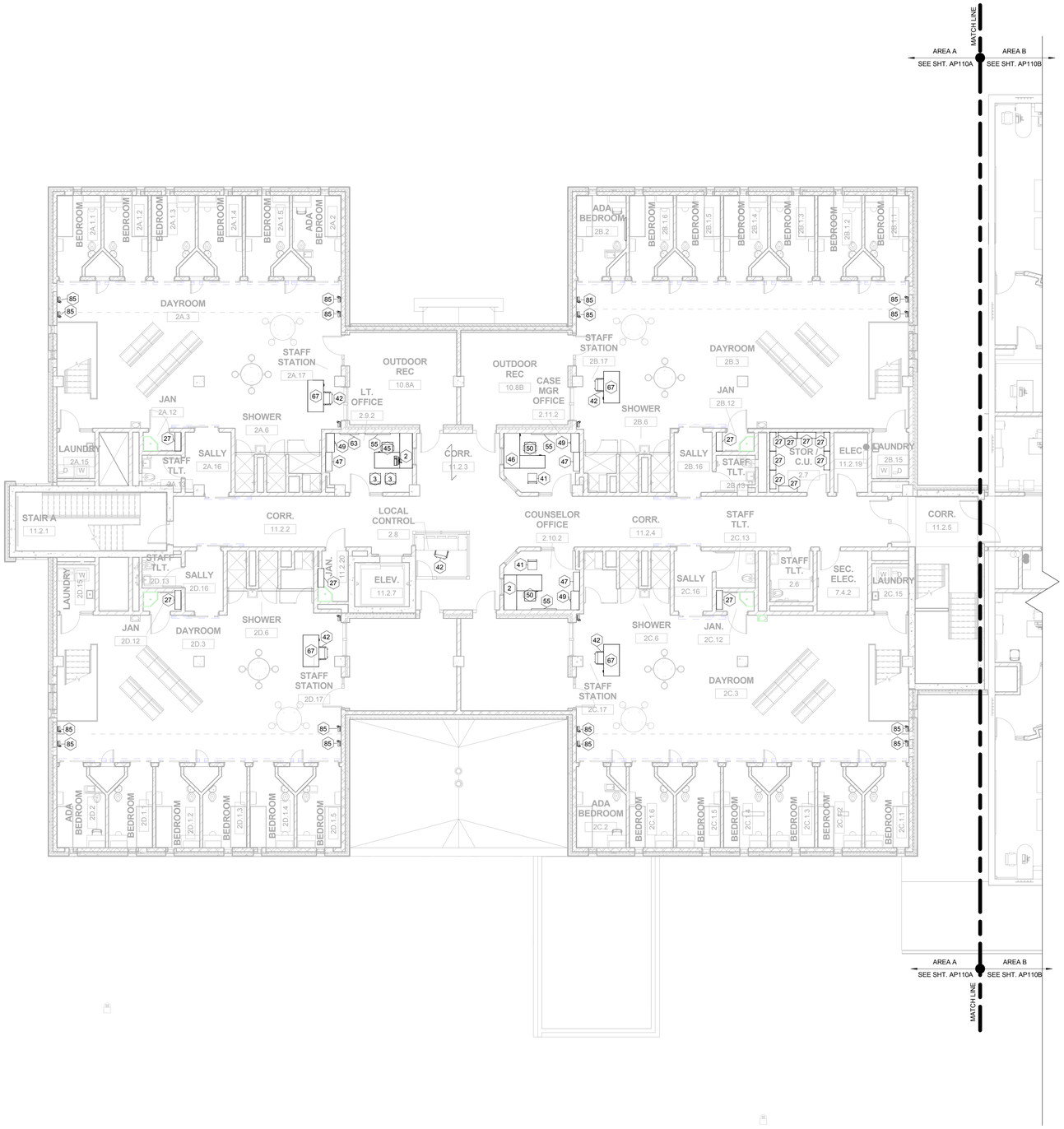
PSA-DEWBERRY PROJECT NO. 50061725
DPSCS CONTRACT NO. KT-000-150-C01

FE110B

SHEET NO.

GENERAL NOTES

1. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL EQUIPMENT INSTALLATION.
2. COORDINATE EXACT UTILITY CONNECTIONS WITH EQUIPMENT.
3. PROVIDE CONCEALED FIRE TREATED WD BLKG FOR ALL EQUIP. MTD ON MTL STUD PARTITION WALLS. COORD BLOCKING LOCATIONS AND EXTENTS WITH WITH EQUIPMENT REQUIREMENTS.
4. SEE DRAWINGS AND PROJECT MANUAL SPECIFICATIONS FOR ADDITIONAL REQUIRED EQUIPMENT NOT LISTED HERE.
5. FINAL UTILITY CONNECTIONS BY DESIGNATED EQUIPMENT INSTALLER. U.N.O.
6. SEE PROJECT MANUAL SPECIFICATIONS FOR TAMPER-PROOF METAL FASTENER REQUIREMENTS.
7. SEE DETENTION DOCUMENTS FOR DETENTION EQUIPMENT REQUIREMENTS.
8. SEE FOOD SERVICE AND LAUNDRY DOCUMENTS FOR FSL EQUIPMENT REQUIREMENTS.
9. SEE ARCHITECTURAL SITE PLAN FOR ADDITIONAL EQUIPMENT SCHEDULED HERE REQUIRING CONTRACTOR PROVIDED UTILITY CONNECTIONS.
10. IN THE SCHEDULE "O" INDICATES OWNER AND "C" INDICATES CONTRACTOR.



1 SECOND FLOOR PLAN - F,F,&E - AREA A

Scale: 1/8" = 1'-0"

N

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

FURNITURE, FIXTURES, AND EQUIPMENT SCHEDULE

TAG	DESCRIPTION	FURNISHED BY	INSTALLED BY	REQ'D CONTRACTOR INSTALLED UTILITIES: COLD WATER	HOT WATER	WASTE	POWER	CABLE	DATA	MNT. HGT.	COMMENTS	QUANTITY
1	KI 60" x 24" HURRY UP TABLE #HUN246074P	O	O								1	4
2	STANDARD L-SHAPED DESK #115RDL	O	O									9
3	NEW WINDSOR FLIP-UP CHAIR	O	O									59
4	4 DRAWER LATERAL FILE #115STFC	O	O									1
5	TREK TABLE 60" DIAMETER	O	O									4
6	STANDARD CANTON STAFF CREDENZA #115STFC	O	O									17
7	4-DRAWER FILE CABINET	O	O									18
8	WALL MOUNTED 46" FLATSCREEN TV AND MOUNTING BRACKET	O	C				YES	YES			6	4
9	CLG MTD 46" FLAT SCREEN TV (O/C) AND MOUNTING BRACKET (C/C)	O	C				YES	YES			7	1
10	MEZZANINE MTD 46" FLAT SCREEN TV AND MOUNTING BRACKET	O	C				YES	YES			8	4
11	WALL MTD 46" FLAT SCREEN TV, MOUTING BRACKET, AND SECURITY HOUSING	O	C				YES	YES			9	1
12	ZUMA CANTILEVER TWO-STUDENT DESK WITH BOOK BOX #ZDESK226027BOX	O	O									39
13	MOBILE MEDICATION CART	O	O									1
14	STERLING 2 MANAGER HIGH BACK CHAIR, MCE#122CML-AASTC	O	O									5
15	COUNTERTOP DENTAL LIGHT CURING MACHINE	O	O				YES					1
16	COUNTERTOP DENTAL AMALGMATOR	O	O				YES					1
17	COUNTERTOP DENTAL ULTRASONIC CLEANING SYSTEM	O	O				YES					1
18	DENTAL CHAIR, CHAIR MNT LIGHT, CHAIR MNT DENTAL DELIVERY SYSTEM, & STOOL	O	C	YES		YES	YES				2	1
19	WALL MTD DIGITAL X-RAY AND ARM	O	C				YES		YES	3'-9"AFF		1
20	SURFACE MTD X-RAY VIEW BOX	O	C				YES			3'-6"AFF		1
21	COUNTERTOP DENTAL AUTOCLAVE STERILIZER	O	O				YES					1
22	DENTAL ASSISTANT STOOL	O	O									1
23	DENTAL PANOREX DIGITAL X-RAY	O	O				YES		YES			1
24	FLOOR MTD DENTAL COMPRESSOR	O	C			YES	YES				2	1
25	DENTAL AIR-WATER SEPARATOR	O	C	YES							2	1
26	FLOOR MTD DENTAL VACUUM PUMP	O	C	YES		YES	YES				2	1
27	MCE 3' METAL SHELVING 124009	O	O									58
28	EXAM STOOL - RITTER	O	O									2
29	EXAM TABLE, BREWER COMPANY, BASIC EXAM TABLE #4000 AND EXAM STOOL, BREWER COMPNAY, #22400	O	O									2
30	FOOSEBALL TABLE	O	O									1
31	PING-PONG TABLE	O	O									1
32	KI DATALINK MULTIPURPOSE TABLE 30" X 72" WITH POWER UP DMD256F/2 74P-WHITE	O	O								1	7
33	SCIENCE STOOL - VIRCO 3000 SERIES 3821LS	O	O									24
34	COMPUTER STATIONS - MCE STUDY CARREL #106180	O	O									20
35	CYBEX ELLEPITICAL - 625AT ARC TRAINER	O	O									2
36	CYBEX FUNCTIONAL TRAINER - FT450	O	O									1
37	CARBON BLUE PERFORMANCE PLUS EXERCISE BIKE	O	O									2
38	CYBEX TREDMILL - 625T	O	O				YES					2
39	FULL HEIGHT REFRIGERATOR	O	O	YES			YES					3
40	MICROWAVE, COUNTERTOP	O	O				YES				3	2
41	ALTA SIDE CHAIR #12215NAS	O	O									15
42	GUARDIAN HEAVY DUTY CHAIR, MCE #122140	O	O									13
43	TREK TABLE 48" DIAMETER	O	O									1
45	TENOR HIGH BACK #122UN7700D	O	O									16
46	STANDARD L-SHAPED DESK #115LDL	O	O									7
47	STANDARD 60"x36" BOOKCASE #115BC6036B	O	O									24
49	STANDARD 3-DRAWER LATERAL FILE CABINET #115LF3	O	O									28
50	TENOR MID BACK #122UN7700	O	O									55
51	MINI REFRIGERATOR, MAGIC CHEF APPLIANCE #MCBR360S	O	O				YES					3
52	CLARIDGE 4'W X 4'H BULLETIN BOARD AND CABINET, 2040 (PROVIDE LEXAN POLYCARBONATE)											13
54	MEDICUS HEALTH CLEARVIEW STAINLESS STEEL TALL CABINET WITH SWING HANDLE LOCK #2571 M2 48" Wx24"Dx78"H	O	O									2
55	CLARIDGE 4'W X 4'H MARKER BOARD, S4-4x4-LCS	O	C							2'-8"AFF		23
56	CLARIDGE 8'W X 4'H MARKER BOARD, S4-4x8-LCS	O	C							2'-8"AFF		13
57	CLARIDGE 8'W X 4'H BULLETIN BOARD AND CABINET, 2046 (PROVIDE LEXAN POLYCARBONATE)	O	C							2'-8"AFF		8
61	CLARIDGE 3'W X 4'H CHALK BOARD, S4-4X3-VIT (BLACK)	O	C							2'-8"AFF		1
62	STUDENT CHAIRS, ZUMA STG ZU418 (18")	O	O									156
63	CLARIDGE 3'W X 4'H BULLETIN BOARD, S4-4X3-COR, CLARIDGE CORK	O	C							2'-8"AFF		23
64	KI DATALINK MULTI PURPOSE TABLE 36"x36" DMS3FX74P	O	O									6
65	KI PORTICO TABLE 36"Wx72"L #P36F EDGE-74P	O	O									5
67	STANDARD EXECUTIVE DESK #115ED	O	O									8
68	MEDICUS HEALTH, WIRE SHELVING KITS WITH BASKET #2071M3, 24"Dx36"Wx63"H	O	O									5
69	HOSPITAL BEDS, HILL ROM CENTRA SERIES 80	O	O				YES				11	5
70	METAL SHELVING, MCE #124013 (36"x 24"x 82")	O	O									16
72	HARBOR STAFF CREDENZA, 24'D X 60'L, 115HRSCM	O	O									1
73	CLARIDGE 6'W X 4'H MARKER BOARD, S4-4X6-LCS	O	C							2'-8"AFF		6
74	WALK-THROUGH METAL SCANNER	O	O				YES				1	2
75	SMITHS HEIMANN HS 6040DS X-RAY SCANNER WITH CONVEYOR, MONITOR, CART, KEYBOARD SOFTWARE	O	O				YES				1	1
78	CLARIDGE 10'W x 4'H MARKER BOARD, S4-4x10-LCS	O	C							2'-8"AFF		3
79	CLARIDGE 12'W X 4'H BULLETIN BOARD, S4-4x12-COR, CLARIDGE CORK	O	C							2'-8"AFF		1
80	CLARIDGE 12' W X 4'H MARKER BOARD S4-4x12-LCS	O	C							2'-8"AFF		7
81	SHORT THROW PROJECTOR AND WALL MOUNT	O	C				YES		YES	7'-8"AFF	4	13
82	HYBRID TV BOX TUNER	O	O				YES		YES		4	13
83	MOBILE CRASH CART	O	O									1
84	PRINTER / COPY MACHINE	O	O				YES		YES			4
85	INMATE PHONE	O	O						YES	3'-6"AFF		23
86	DESKTOP PRINTER	O	O				YES		YES			10
87	ROLL-FOLD POWER OPERATED DIVIDER CURTAIN	C	C				YES				5	1
88	ELECTRONIC KITCHEN TIME CLOCK	O	O				YES		YES	3'-0" AFF		1
89	DUMPSTER	O	O									1
90	TRASH COMPACTOR	O	O				YES					1
91	LOCKING STEEL NARCOTICS CABINET, WALL MTD	O	O							3'-6"AFF		1
92	I.T. EQUIPMENT RACK	O	O				YES		YES			7
93	DIAGNOSTIC INSTRUMENT SET, WALL MTD	O	O				YES			4'-6"AFF		2
94	TRACTION ELEVATOR	C	C				YES					1
95	PREMANUFACTURED CROSSROADS CIRCULATION DESK - WILSONART KENSINGTON MAPLE FINISH 10776-60	O	O									1
96	42"H DBL SIDED MCE LIBRARY SHELF ADDER UNIT	O	O									8
97	42"H DBL SIDED MCE LIBRARY SHELF STARTER UNIT	O	O									3
98	OVERBED TABLE	O	O									5
99	BEDSIDE TABLE	O	O									5
100	BODY ORIFICE SCANNER	O	O				YES					1
101	ELECTRONIC TIME CLOCK	O	O				YES		YES	3'-0"		1
102	MCE 3'W x 18"D x 78"H STORAGE CABINET	O	O									1
103	3'W x 12"D x 76"H MEDICAL FILE CABINET	O	O									2
104	CROSS COURT BASKETBALL GOAL AND SUPPORTS	C	C									4
105	BASKETBALL GOAL AND SUPPORTS	C	C									2
106	ATHLETIC WALL PADDING	C	C									11
107	VOLLEYBALL STANDARD FLOOR SLEEVES	C	C								10	2
108	SGL SIDED FULL HEIGHT MCE LIBRARY SHELF ADDER UNIT	O	O									3
109	SGL SIDED FULL HEIGHT MCE LIBRARY SHELF STARTER UNIT	O	O									2
110	WALL MOUNTED COMPUTER WORK STATION	O	C				YES		YES			2

SCHEDULE COMMENTS

1. CONTRACTOR TO COORDINATE LOCATION OF ELECTRICAL FLOOR BOX WTIH EQUIPMENT.
2. CONTRACTOR TO PROVIDE FLOOR AND WALL PENETRATIONS AS REQUIRED TO CONCEAL AND ROUTE RELATED EQUIPMENT PIPING UNDERFLOOR FROM CHAIR LOCATION TO EQUIPMENT IN COMPRESSOR ROOM. RATE PENETRATIONS AS REQUIRED ELSEWHERE.
3. CONTRACTOR TO PROVIDE POWER OUTLET LOCATED IN BACK WALL OF UPPER WALL CABINET CONTAINING MICROWAVE.
4. SEE CASEWORK AND ELECTRICAL DWGS FOR LOCATION AND CONFIGURATION OF THE TV TUNER BOX AND IT'S REQUIRED CONNECTIONS. PROVIDE CONCEALED CONDUIT FOR VGA, USB (CAT5), HDMI, AND DATA FROM THE PROJECTOR LOCATION TO THE TV TUNER LOCATION AND THEN TO THE CABLE TRAY LEADING TO THE IDF ROOM.
5. SEE PROJECT MANUAL SPECIFICATIONS FOR STRUCTURAL SUPPORT COORDINATION REQUIREMENTS.
6. SEE DETAIL A1 / A581.
7. SEE DETAIL B1 / A581.
8. SEE DETAIL A3 & B3 / A581.
9. SEE DETAIL D1 / A581.
10. SEE DETAIL E1/A581.
11. REFER TO ELEC DWGS FOR REQ'D SYSTEM CONNECTIONS ASSOCIATED WITH HOSPITAL BED.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

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10810/TOWN PLAZA DR. SUITE 1000
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R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BRIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

FURNITURE, FIXTURES, AND EQUIPMENT

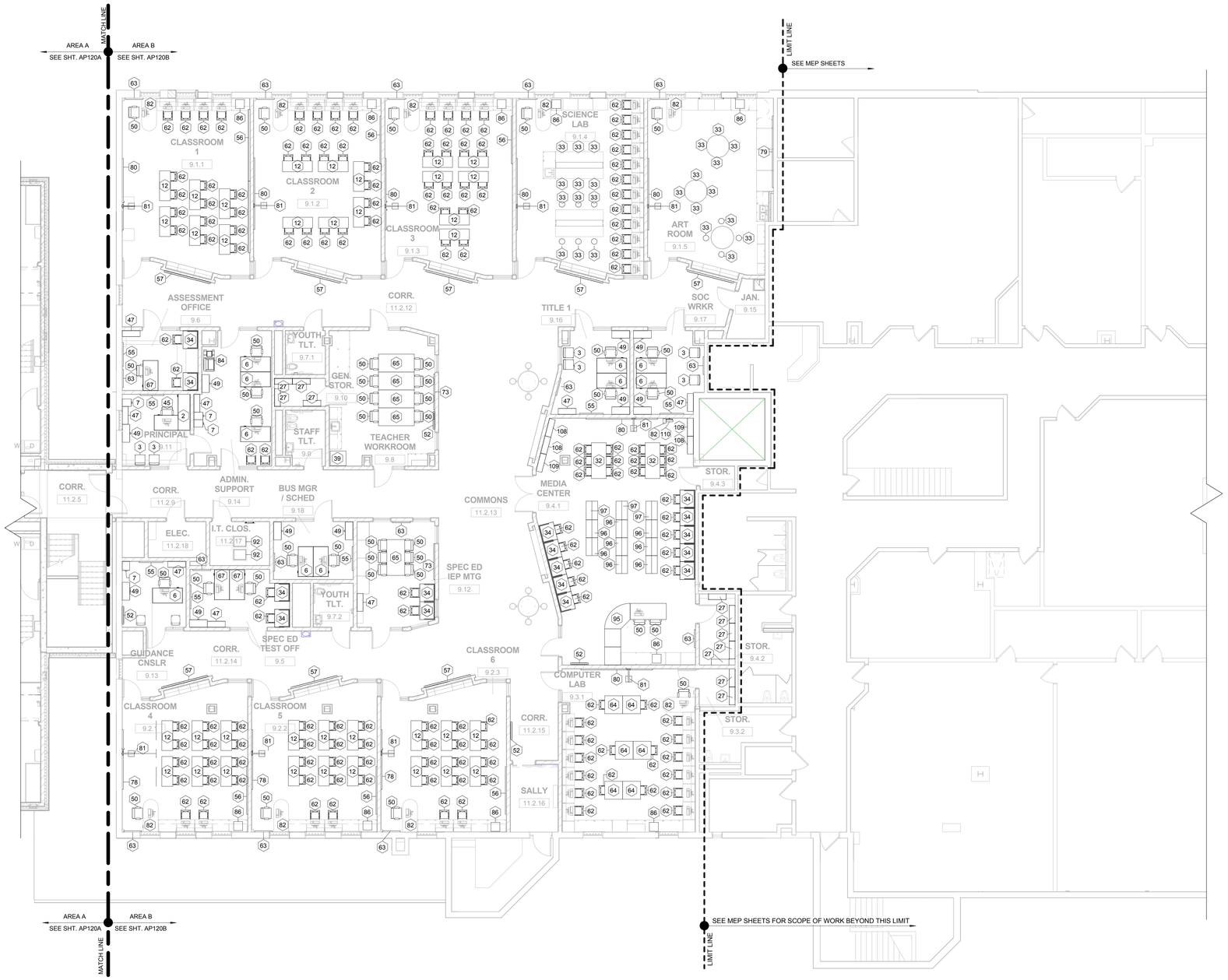
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

FE120A

SHEET NO.

GENERAL NOTES

1. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL EQUIPMENT INSTALLATION.
2. COORDINATE EXACT UTILITY CONNECTIONS WITH EQUIPMENT.
3. PROVIDE CONCEALED FIRE TREATED WD BLKG FOR ALL EQUIP. MTD ON MTL STUD PARTITION WALLS. COORD BLOCKING LOCATIONS AND EXTENTS WITH WITH EQUIPMENT REQUIREMENTS.
4. SEE DRAWINGS AND PROJECT MANUAL SPECIFICATIONS FOR ADDITIONAL REQUIRED EQUIPMENT NOT LISTED HERE.
5. FINAL UTILITY CONNECTIONS BY DESIGNATED EQUIPMENT INSTALLER. U.N.O.
6. SEE PROJECT MANUAL SPECIFICATIONS FOR TAMPER-PROOF METAL FASTENER REQUIREMENTS.
7. SEE DETENTION DOCUMENTS FOR DETENTION EQUIPMENT REQUIREMENTS.
8. SEE FOOD SERVICE AND LAUNDRY DOCUMENTS FOR FSL EQUIPMENT REQUIREMENTS.
9. SEE ARCHITECTURAL SITE PLAN FOR ADDITIONAL EQUIPMENT SCHEDULED HERE REQUIRING CONTRACTOR PROVIDED UTILITY CONNECTIONS.
10. IN THE SCHEDULE "O" INDICATES OWNER AND "C" INDICATES CONTRACTOR.



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1 SECOND FLOOR PLAN - F,F,&E - AREA B

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

FURNITURE, FIXTURES, AND EQUIPMENT SCHEDULE

TAG	DESCRIPTION	FURNISHED BY	INSTALLED BY	REQ'D CONTRACTOR INSTALLED UTILITIES: COLD WATER	HOT WATER	WASTE	POWER	CABLE	DATA	MNT. HGT.	COMMENTS	QUANTITY
1	KI 60" x 24" HURRY UP TABLE #HUN246074P	O	O								1	4
2	STANDARD L-SHAPED DESK #115RDL	O	O									9
3	NEW WINDSOR FLIP-UP CHAIR	O	O									59
4	4 DRAWER LATERAL FILE #115STFC	O	O									1
5	TREK TABLE 60" DIAMETER	O	O									4
6	STANDARD CANTON STAFF CREDENZA #115STFC	O	O									17
7	4-DRAWER FILE CABINET	O	O									18
8	WALL MOUNTED 46" FLATSCREEN TV AND MOUNTING BRACKET	O	C				YES	YES			6	4
9	CLG MTD 46" FLAT SCREEN TV (O/C) AND MOUNTING BRACKET (C/C)	O	C				YES	YES			7	1
10	MEZZANINE MTD 46" FLAT SCREEN TV AND MOUNTING BRACKET	O	C				YES	YES			8	4
11	WALL MTD 46" FLAT SCREEN TV, MOUTING BRACKET, AND SECURITY HOUSING	O	C				YES	YES			9	1
12	ZUMA CANTILEVER TWO-STUDENT DESK WITH BOOK BOX #ZDESK226027BOX	O	O									39
13	MOBILE MEDICATION CART	O	O									1
14	STERLING 2 MANAGER HIGH BACK CHAIR, MCE#122CML-AASTC	O	O									5
15	COUNTERTOP DENTAL LIGHT CURING MACHINE	O	O				YES					1
16	COUNTERTOP DENTAL AMALGMATOR	O	O				YES					1
17	COUNTERTOP DENTAL ULTRASONIC CLEANING SYSTEM	O	O				YES					1
18	DENTAL CHAIR, CHAIR MNT LIGHT, CHAIR MNT DENTAL DELIVERY SYSTEM, & STOOL	O	C	YES		YES	YES				2	1
19	WALL MTD DIGITAL X-RAY AND ARM	O	C				YES		YES	3'-9"AFF		1
20	SURFACE MTD X-RAY VIEW BOX	O	C				YES			3'-6"AFF		1
21	COUNTERTOP DENTAL AUTOCLAVE STERILIZER	O	O				YES					1
22	DENTAL ASSISTANT STOOL	O	O									1
23	DENTAL PANOREX DIGITAL X-RAY	O	O				YES		YES			1
24	FLOOR MTD DENTAL COMPRESSOR	O	C			YES	YES				2	1
25	DENTAL AIR-WATER SEPARATOR	O	C	YES							2	1
26	FLOOR MTD DENTAL VACUUM PUMP	O	C	YES		YES	YES				2	1
27	MCE 3' METAL SHELVING 124009	O	O									58
28	EXAM STOOL - RITTER	O	O									2
29	EXAM TABLE, BREWER COMPANY, BASIC EXAM TABLE #4000 AND EXAM STOOL, BREWER COMPNAY, #22400	O	O									2
30	FOOSEBALL TABLE	O	O									1
31	PING-PONG TABLE	O	O									1
32	KI DATALINK MULTIPURPOSE TABLE 30" X 72" WITH POWER UP DMD256F/2 74P-WHITE	O	O								1	7
33	SCIENCE STOOL - VIRCO 3000 SERIES 3821LS	O	O									24
34	COMPUTER STATIONS - MCE STUDY CARREL #106180	O	O									20
35	CYBEX ELLEPITICAL - 625AT ARC TRAINER	O	O									2
36	CYBEX FUNCTIONAL TRAINER - FT450	O	O									1
37	CARBON BLUE PERFORMANCE PLUS EXERCISE BIKE	O	O									2
38	CYBEX TREDMILL - 625T	O	O				YES					2
39	FULL HEIGHT REFRIGERATOR	O	O	YES			YES					3
40	MICROWAVE, COUNTERTOP	O	O				YES				3	2
41	ALTA SIDE CHAIR #12215NAS	O	O									15
42	GUARDIAN HEAVY DUTY CHAIR, MCE #122140	O	O									13
43	TREK TABLE 48" DIAMETER	O	O									1
45	TENOR HIGH BACK #122UN7700D	O	O									16
46	STANDARD L-SHAPED DESK #115LDL	O	O									7
47	STANDARD 60"x36" BOOKCASE #115BC6036B	O	O									24
49	STANDARD 3-DRAWER LATERAL FILE CABINET #115LF3	O	O									28
50	TENOR MID BACK #122UN7700	O	O									55
51	MINI REFRIGERATOR, MAGIC CHEF APPLIANCE #MCBR360S	O	O				YES					3
52	CLARIDGE 4'W X 4'H BULLETIN BOARD AND CABINET, 2040 (PROVIDE LEXAN POLYCARBONATE)											13
54	MEDICUS HEALTH CLEARVIEW STAINLESS STEEL TALL CABINET WITH SWING HANDLE LOCK #2571 M2 48" Wx24"Dx78"H	O	O									2
55	CLARIDGE 4'W X 4'H MARKER BOARD, S4-4x4-LCS	O	C							2'-8"AFF		23
56	CLARIDGE 8'W X 4'H MARKER BOARD, S4-4x8-LCS	O	C							2'-8"AFF		13
57	CLARIDGE 8'W X 4'H BULLETIN BOARD AND CABINET, 2046 (PROVIDE LEXAN POLYCARBONATE)	O	C							2'-8"AFF		8
61	CLARIDGE 3'W X 4'H CHALK BOARD, S4-4X3-VIT (BLACK)	O	C							2'-8"AFF		1
62	STUDENT CHAIRS, ZUMA STG ZU418 (18")	O	O									156
63	CLARIDGE 3'W X 4'H BULLETIN BOARD, S4-4X3-COR, CLARIDGE CORK	O	C							2'-8"AFF		23
64	KI DATALINK MULTI PURPOSE TABLE 36"x36" DMS3FX74P	O	O									6
65	KI PORTICO TABLE 36"Wx72"L #P36F EDGE-74P	O	O									5
67	STANDARD EXECUTIVE DESK #115ED	O	O									8
68	MEDICUS HEALTH, WIRE SHELVING KITS WITH BASKET #2071M3, 24"Dx36"Wx63"H	O	O									5
69	HOSPITAL BEDS, HILL ROM CENTRA SERIES 80	O	O				YES				11	5
70	METAL SHELVING, MCE #124013 (36"x 24"x 82")	O	O									16
72	HARBOR STAFF CREDENZA, 24'D X 60'L, 115HRSCM	O	O									1
73	CLARIDGE 6'W X 4'H MARKER BOARD, S4-4X6-LCS	O	C							2'-8"AFF		6
74	WALK-THROUGH METAL SCANNER	O	O				YES				1	2
75	SMITHS HEIMANN HS 6040DS X-RAY SCANNER WITH CONVEYOR, MONITOR, CART, KEYBOARD SOFTWARE	O	O				YES				1	1
78	CLARIDGE 10'W x 4'H MARKER BOARD, S4-4x10-LCS	O	C							2'-8"AFF		3
79	CLARIDGE 12'W X 4'H BULLETIN BOARD, S4-4x12-COR, CLARIDGE CORK	O	C							2'-8"AFF		1
80	CLARIDGE 12' W X 4'H MARKER BOARD S4-4x12-LCS	O	C							2'-8"AFF		7
81	SHORT THROW PROJECTOR AND WALL MOUNT	O	C				YES		YES	7'-8"AFF	4	13
82	HYBRID TV BOX TUNER	O	O				YES		YES		4	13
83	MOBILE CRASH CART	O	O									1
84	PRINTER / COPY MACHINE	O	O				YES		YES			4
85	INMATE PHONE	O	O						YES	3'-6"AFF		23
86	DESKTOP PRINTER	O	O				YES		YES			10
87	ROLL-FOLD POWER OPERATED DIVIDER CURTAIN	C	C				YES				5	1
88	ELECTRONIC KITCHEN TIME CLOCK	O	O				YES		YES	3'-0" AFF		1
89	DUMPSTER	O	O									1
90	TRASH COMPACTOR	O	O				YES					1
91	LOCKING STEEL NARCOTICS CABINET, WALL MTD	O	O							3'-6"AFF		1
92	I.T. EQUIPMENT RACK	O	O				YES		YES			7
93	DIAGNOSTIC INSTRUMENT SET, WALL MTD	O	O				YES			4'-6"AFF		2
94	TRACTION ELEVATOR	C	C				YES					1
95	PREMANUFACTURED CROSSROADS CIRCULATION DESK - WILSONART KENSINGTON MAPLE FINISH 10776-60	O	O									1
96	42"H DBL SIDED MCE LIBRARY SHELF ADDER UNIT	O	O									8
97	42"H DBL SIDED MCE LIBRARY SHELF STARTER UNIT	O	O									3
98	OVERBED TABLE	O	O									5
99	BEDSIDE TABLE	O	O									5
100	BODY ORIFICE SCANNER	O	O				YES					1
101	ELECTRONIC TIME CLOCK	O	O				YES		YES	3'-0"		1
102	MCE 3'W x 18"D x 78"H STORAGE CABINET	O	O									1
103	3'W x 12"D x 76"H MEDICAL FILE CABINET	O	O									2
104	CROSS COURT BASKETBALL GOAL AND SUPPORTS	C	C									4
105	BASKETBALL GOAL AND SUPPORTS	C	C									2
106	ATHLETIC WALL PADDING	C	C									11
107	VOLLEYBALL STANDARD FLOOR SLEEVES	C	C								10	2
108	SGL SIDED FULL HEIGHT MCE LIBRARY SHELF ADDER UNIT	O	O									3
109	SGL SIDED FULL HEIGHT MCE LIBRARY SHELF STARTER UNIT	O	O									2
110	WALL MOUNTED COMPUTER WORK STATION	O	C				YES		YES			2

SCHEDULE COMMENTS

1. CONTRACTOR TO COORDINATE LOCATION OF ELECTRICAL FLOOR BOX WTIH EQUIPMENT.
2. CONTRACTOR TO PROVIDE FLOOR AND WALL PENETRATIONS AS REQUIRED TO CONCEAL AND ROUTE RELATED EQUIPMENT PIPING UNDERFLOOR FROM CHAIR LOCATION TO EQUIPMENT IN COMPRESSOR ROOM. RATE PENETRATIONS AS REQUIRED ELSEWHERE.
3. CONTRACTOR TO PROVIDE POWER OUTLET LOCATED IN BACK WALL OF UPPER WALL CABINET CONTAINING MICROWAVE.
4. SEE CASEWORK AND ELECTRICAL DWGS FOR LOCATION AND CONFIGURATION OF THE TV TUNER BOX AND IT'S REQUIRED CONNECTIONS. PROVIDE CONCEALED CONDUIT FOR VGA, USB (CAT5), HDMI, AND DATA FROM THE PROJECTOR LOCATION TO THE TV TUNER LOCATION AND THEN TO THE CABLE TRAY LEADING TO THE IDF ROOM.
5. SEE PROJECT MANUAL SPECIFICATIONS FOR STRUCTURAL SUPPORT COORDINATION REQUIREMENTS.
6. SEE DETAIL A1 / A581.
7. SEE DETAIL B1 / A581.
8. SEE DETAIL A3 & B3 / A581.
9. SEE DETAIL D1 / A581.
10. SEE DETAIL E1/A581.
11. REFER TO ELEC DWGS FOR REQ'D SYSTEM CONNECTIONS ASSOCIATED WITH HOSPITAL BED.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

THE CONTRACT DOCUMENTS FOR THE INDICATED PUBLIC IMPROVEMENT WERE PREPARED UNDER MY SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THEY COMPLY WITH THE RELEVANT BUILDING CODES OF THE STATE OF MARYLAND. LICENSE NUMBER 13814, EXPIRATION DATE 3/28/2015.

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

FURNITURE, FIXTURES, AND EQUIPMENT

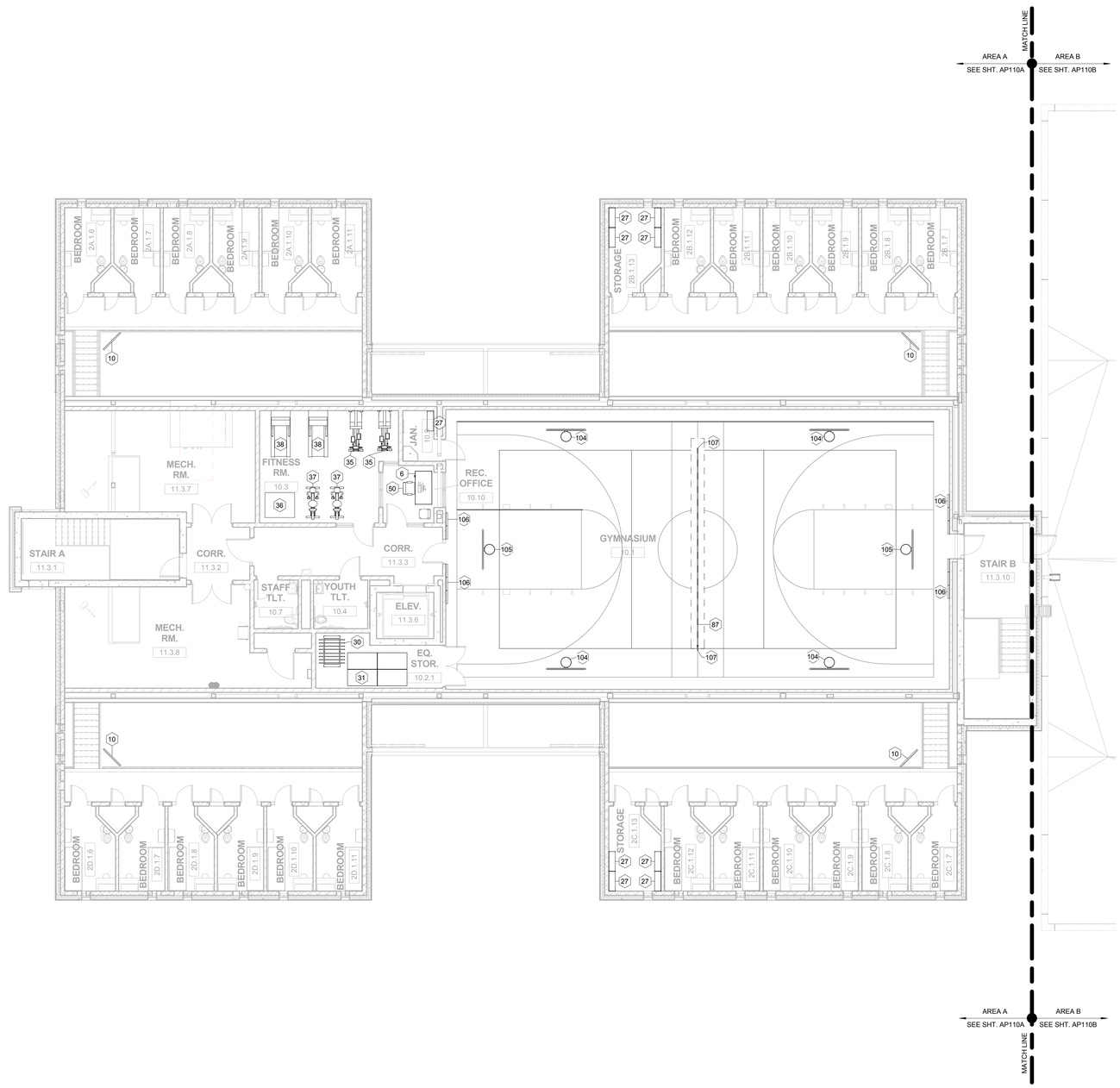
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

FE120B

SHEET NO.

GENERAL NOTES

1. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL EQUIPMENT INSTALLATION.
2. COORDINATE EXACT UTILITY CONNECTIONS WITH EQUIPMENT.
3. PROVIDE CONCEALED FIRE TREATED WD BLKG FOR ALL EQUIP. MTD ON MTL STUD PARTITION WALLS. COORD BLOCKING LOCATIONS AND EXTENTS WITH WITH EQUIPMENT REQUIREMENTS.
4. SEE DRAWINGS AND PROJECT MANUAL SPECIFICATIONS FOR ADDITIONAL REQUIRED EQUIPMENT NOT LISTED HERE.
5. FINAL UTILITY CONNECTIONS BY DESIGNATED EQUIPMENT INSTALLER. U.N.O.
6. SEE PROJECT MANUAL SPECIFICATIONS FOR TAMPER-PROOF METAL FASTENER REQUIREMENTS.
7. SEE DETENTION DOCUMENTS FOR DETENTION EQUIPMENT REQUIREMENTS.
8. SEE FOOD SERVICE AND LAUNDRY DOCUMENTS FOR FSL EQUIPMENT REQUIREMENTS.
9. SEE ARCHITECTURAL SITE PLAN FOR ADDITIONAL EQUIPMENT SCHEDULED HERE REQUIRING CONTRACTOR PROVIDED UTILITY CONNECTIONS.
10. IN THE SCHEDULE "O" INDICATES OWNER AND "C" INDICATES CONTRACTOR.



N

1 THIRD FLOOR AND MEZZANINE PLAN - F,F,&E

Scale: 1/8" = 1'-0"

0' 4' 8' 16' 32'

SCALE: 1/8" = 1' - 0"

FURNITURE, FIXTURES, AND EQUIPMENT SCHEDULE

TAG	DESCRIPTION	FURNISHED BY	INSTALLED BY	REQ'D CONTRACTOR INSTALLED UTILITIES: COLD WATER	HOT WATER	WASTE	POWER	CABLE	DATA	MNT. HGT.	COMMENTS	QUANTITY
1	KI 60" x 24" HURRY UP TABLE #HUN246074P	O	O								1	4
2	STANDARD L-SHAPED DESK #115RDL	O	O									9
3	NEW WINDSOR FLIP-UP CHAIR	O	O									59
4	4 DRAWER LATERAL FILE #115STFC	O	O									1
5	TREK TABLE 60" DIAMETER	O	O									4
6	STANDARD CANTON STAFF CREDENZA #115STFC	O	O									17
7	4-DRAWER FILE CABINET	O	O									18
8	WALL MOUNTED 46" FLATSCREEN TV AND MOUNTING BRACKET	O	C				YES	YES			6	4
9	CLG MTD 46" FLAT SCREEN TV (O/C) AND MOUNTING BRACKET (C/C)	O	C				YES	YES			7	1
10	MEZZANINE MTD 46" FLAT SCREEN TV AND MOUNTING BRACKET	O	C				YES	YES			8	4
11	WALL MTD 46" FLAT SCREEN TV, MOUTING BRACKET, AND SEQURITY HOUSING	O	C				YES	YES			9	1
12	ZUMA CANTILEVER TWO-STUDENT DESK WITH BOOK BOX #ZDESK226027BOX	O	O									39
13	MOBILE MEDICATION CART	O	O									1
14	STERLING 2 MANAGER HIGH BACK CHAIR, MCE#122CML-AASTC	O	O									5
15	COUNTERTOP DENTAL LIGHT CURING MACHINE	O	O				YES					1
16	COUNTERTOP DENTAL AMALGMATOR	O	O				YES					1
17	COUNTERTOP DENTAL ULTRASONIC CLEANING SYSTEM	O	O				YES					1
18	DENTAL CHAIR, CHAIR MNT LIGHT, CHAIR MNT DENTAL DELIVERY SYSTEM, & STOOL	O	C	YES		YES	YES				2	1
19	WALL MTD DIGITAL X-RAY AND ARM	O	C				YES		YES	3'-9"AFF		1
20	SURFACE MTD X-RAY VIEW BOX	O	C				YES			3'-6"AFF		1
21	COUNTERTOP DENTAL AUTOCLAVE STERILIZER	O	O				YES					1
22	DENTAL ASSISTANT STOOL	O	O									1
23	DENTAL PANOREX DIGITAL X-RAY	O	O				YES		YES			1
24	FLOOR MTD DENTAL COMPRESSOR	O	C			YES	YES				2	1
25	DENTAL AIR-WATER SEPARATOR	O	C	YES							2	1
26	FLOOR MTD DENTAL VACUUM PUMP	O	C	YES		YES	YES				2	1
27	MCE 3' METAL SHELVING 124009	O	O									58
28	EXAM STOOL - RITTER	O	O									2
29	EXAM TABLE, BREWER COMPANY, BASIC EXAM TABLE #4000 AND EXAM STOOL, BREWER COMPNAY, #22400	O	O									2
30	FOOSEBALL TABLE	O	O									1
31	PING-PONG TABLE	O	O									1
32	KI DATALINK MULTIPURPOSE TABLE 30" X 72" WITH POWER UP DMD256F/2 74P-WHITE	O	O								1	7
33	SCIENCE STOOL - VIRCO 3000 SERIES 3821LS	O	O									24
34	COMPUTER STATIONS - MCE STUDY CARREL #106180	O	O									20
35	CYBEX ELLEPITICAL - 625AT ARC TRAINER	O	O									2
36	CYBEX FUNCTIONAL TRAINER - FT450	O	O									1
37	CARBON BLUE PERFORMANCE PLUS EXERCISE BIKE	O	O									2
38	CYBEX TREDMILL - 625T	O	O				YES					2
39	FULL HEIGHT REFRIGERATOR	O	O	YES			YES					3
40	MICROWAVE, COUNTERTOP	O	O				YES				3	2
41	ALTA SIDE CHAIR #122150NAS	O	O									15
42	GUARDIAN HEAVY DUTY CHAIR, MCE #122140	O	O									13
43	TREK TABLE 48" DIAMETER	O	O									1
45	TENOR HIGH BACK #122UN7700D	O	O									16
46	STANDARD L-SHAPED DESK #115LDL	O	O									7
47	STANDARD 60"x36" BOOKCASE #115BC6036B	O	O									24
49	STANDARD 3-DRAWER LATERAL FILE CABINET #115LF3	O	O									28
50	TENOR MID BACK #122UN7700	O	O									55
51	MINI REFRIGERATOR, MAGIC CHEF APPLIANCE #MCBR360S	O	O				YES					3
52	CLARIDGE 4'W X 4'H BULLETIN BOARD AND CABINET, 2040 (PROVIDE LEXAN POLYCARBONATE)											13
54	MEDICUS HEALTH CLEARVIEW STAINLESS STEEL TALL CABINET WITH SWING HANDLE LOCK #2571 M2 48" Wx24"Dx78"H	O	O									2
55	CLARIDGE 4'W X 4'H MARKER BOARD, S4-4x4-LCS	O	C							2'-8"AFF		23
56	CLARIDGE 8'W X 4'H MARKER BOARD, S4-4x8-LCS	O	C							2'-8"AFF		13
57	CLARIDGE 8'W X 4'H BULLETIN BOARD AND CABINET, 2046 (PROVIDE LEXAN POLYCARBONATE)	O	C							2'-8"AFF		8
61	CLARIDGE 3'W X 4'H CHALK BOARD, S4-4X3-VIT (BLACK)	O	C							2'-8"AFF		1
62	STUDENT CHAIRS, ZUMA STG ZU418 (18")	O	O									156
63	CLARIDGE 3'W X 4'H BULLETIN BOARD, S4-4X3-COR, CLARIDGE CORK	O	C							2'-8"AFF		23
64	KI DATALINK MULTI PURPOSE TABLE 36"x36" DMS3FX74P	O	O									6
65	KI PORTICO TABLE 36"Wx72"L #P36F EDGE-74P	O	O									5
67	STANDARD EXECUTIVE DESK #115ED	O	O									8
68	MEDICUS HEALTH, WIRE SHELVING KITS WITH BASKET #2071M3, 24"Dx36"Wx63"H	O	O									5
69	HOSPITAL BEDS, HILL ROM CENTRA SERIES 80	O	O				YES				11	5
70	METAL SHELVING, MCE #124013 (36"x 24"x 82")	O	O									16
72	HARBOR STAFF CREDENZA, 24'D X 60'L, 115HRSCM	O	O									1
73	CLARIDGE 6'W X 4'H MARKER BOARD, S4-4X6-LCS	O	C							2'-8"AFF		6
74	WALK-THROUGH METAL SCANNER	O	O				YES				1	2
75	SMITHS HEIMANN HS 6040DS X-RAY SCANNER WITH CONVEYOR, MONITOR, CART, KEYBOARD SOFTWARE	O	O				YES				1	1
78	CLARIDGE 10'W x 4'H MARKER BOARD, S4-4x10-LCS	O	C							2'-8"AFF		3
79	CLARIDGE 12'W X 4'H BULLETIN BOARD, S4-4x12-COR, CLARIDGE CORK	O	C							2'-8"AFF		1
80	CLARIDGE 12' W X 4'H MARKER BOARD S4-4x12-LCS	O	C							2'-8"AFF		7
81	SHORT THROW PROJECTOR AND WALL MOUNT	O	C				YES		YES	7'-8"AFF	4	13
82	HYBRID TV BOX TUNER	O	O				YES		YES		4	13
83	MOBILE CRASH CART	O	O									1
84	PRINTER / COPY MACHINE	O	O				YES		YES			4
85	INMATE PHONE	O	O						YES	3'-6"AFF		23
86	DESKTOP PRINTER	O	O				YES		YES			10
87	ROLL-FOLD POWER OPERATED DIVIDER CURTAIN	C	C				YES				5	1
88	ELECTRONIC KITCHEN TIME CLOCK	O	O				YES		YES	3'-0" AFF		1
89	DUMPSTER	O	O									1
90	TRASH COMPACTOR	O	O				YES					1
91	LOCKING STEEL NARCOTICS CABINET, WALL MTD	O	O							3'-6"AFF		1
92	I.T. EQUIPMENT RACK	O	O				YES		YES			7
93	DIAGNOSTIC INSTRUMENT SET, WALL MTD	O	O				YES			4'-6"AFF		2
94	TRACTION ELEVATOR	C	C				YES					1
95	PREMANUFACTURED CROSSROADS CIRCULATION DESK - WILSONART KENSINGTON MAPLE FINISH 10776-60	O	O									1
96	42"H DBL SIDED MCE LIBRARY SHELF ADDER UNIT	O	O									8
97	42"H DBL SIDED MCE LIBRARY SHELF STARTER UNIT	O	O									3
98	OVERBED TABLE	O	O									5
99	BEDSIDE TABLE	O	O									5
100	BODY ORIFICE SCANNER	O	O				YES					1
101	ELECTRONIC TIME CLOCK	O	O				YES		YES	3'-0"		1
102	MCE 3'W x 18"D x 78"H STORAGE CABINET	O	O									1
103	3'W x 12"D x 76"H MEDICAL FILE CABINET	O	O									2
104	CROSS COURT BASKETBALL GOAL AND SUPPORTS	C	C									4
105	BASKETBALL GOAL AND SUPPORTS	C	C									2
106	ATHLETIC WALL PADDING	C	C									11
107	VOLLEYBALL STANDARD FLOOR SLEEVES	C	C								10	2
108	SGL SIDED FULL HEIGHT MCE LIBRARY SHELF ADDER UNIT	O	O									3
109	SGL SIDED FULL HEIGHT MCE LIBRARY SHELF STARTER UNIT	O	O									2
110	WALL MOUNTED COMPUTER WORK STATION	O	C				YES		YES			2

SCHEDULE COMMENTS

1. CONTRACTOR TO COORDINATE LOCATION OF ELECTRICAL FLOOR BOX WTIH EQUIPMENT.
2. CONTRACTOR TO PROVIDE FLOOR AND WALL PENETRATIONS AS REQUIRED TO CONCEAL AND ROUTE RELATED EQUIPMENT PIPING UNDERFLOOR FROM CHAIR LOCATION TO EQUIPMENT IN COMPRESSOR ROOM. RATE PENETRATIONS AS REQUIRED ELSEWHERE.
3. CONTRACTOR TO PROVIDE POWER OUTLET LOCATED IN BACK WALL OF UPPER WALL CABINET CONTAINING MICROWAVE.
4. SEE CASEWORK AND ELECTRICAL DWGS FOR LOCATION AND CONFIGURATION OF THE TV TUNER BOX AND IT'S REQUIRED CONNECTIONS. PROVIDE CONCEALED CONDUIT FOR VGA, USB (CAT5), HDMI, AND DATA FROM THE PROJECTOR LOCATION TO THE TV TUNER LOCATION AND THEN TO THE CABLE TRAY LEADING TO THE IDF ROOM.
5. SEE PROJECT MANUAL SPECIFICATIONS FOR STRUCTURAL SUPPORT COORDINATION REQUIREMENTS.
6. SEE DETAIL A1 / A581.
7. SEE DETAIL B1 / A581.
8. SEE DETAIL A3 & B3 / A581.
9. SEE DETAIL D1 / A581.
10. SEE DETAIL E1/A581.
11. REFER TO ELEC DWGS FOR REQ'D SYSTEM CONNECTIONS ASSOCIATED WITH HOSPITAL BED.

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BALTIMORE MARYLAND

SEAL

ARCHITECT 13814 JAMES L. BEIGHT STATE OF MARYLAND

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KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	TJM
APPROVED BY	JLB
CHECKED BY	CRD
DATE	2-5-2015

TITLE

FURNITURE, FIXTURES, AND EQUIPMENT

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

FE130A

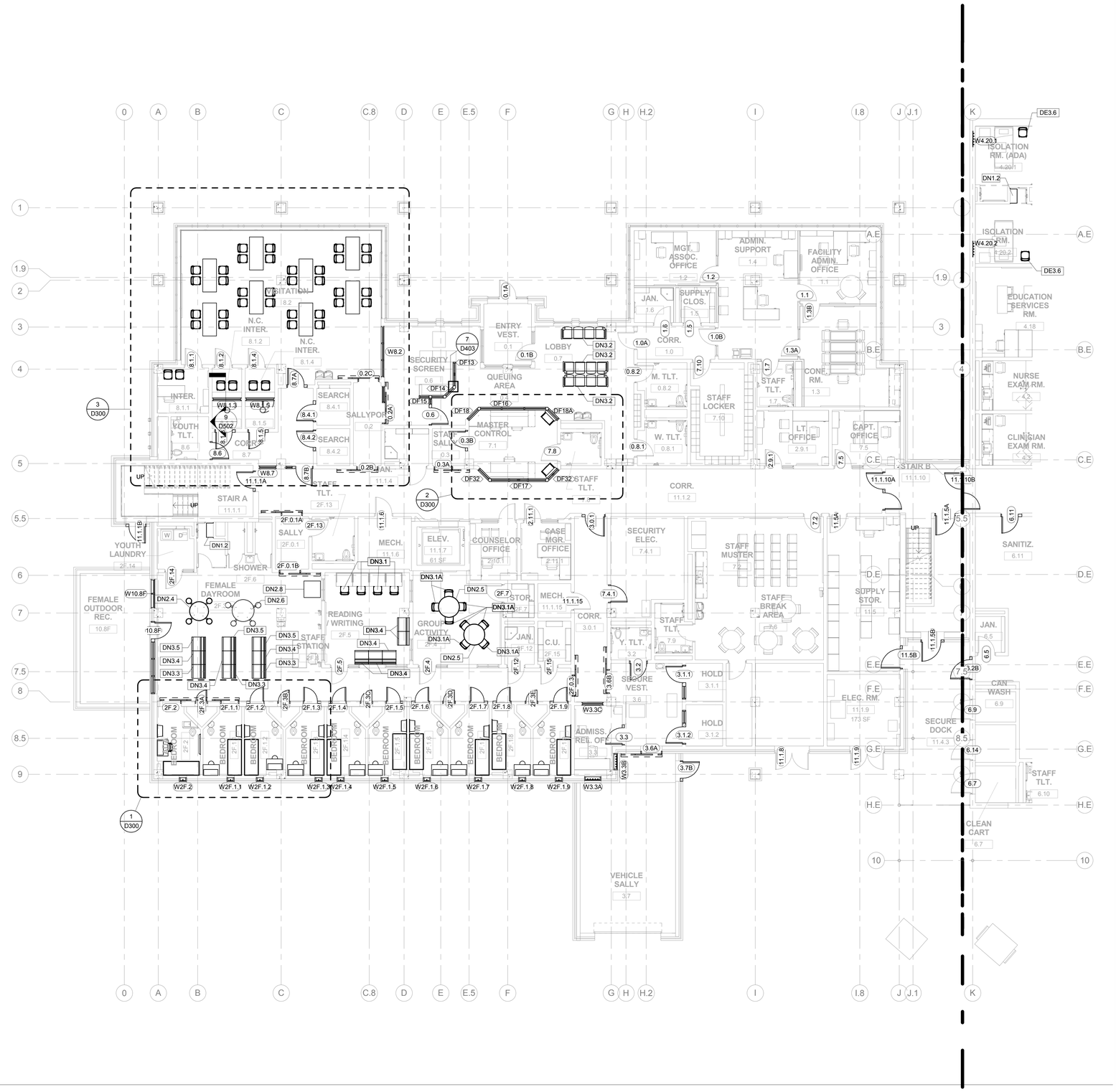
SHEET NO.

KEY NOTES:

DN1.1	SECURITY MIRROR
DN1.2	FOLDING SHOWER SEAT
DN1.3	SECURITY GRAB BAR, XX" NOTE: LETTER DEFINES GRAB BAR LENGTH: A=24", B=36", C=42", D=48", E=54"
DN1.4	TRANSACTION DRAWER
DN2.1	LEG STYLE TABLE (30" X 72"), OFOI
DN2.2	TABLE, OFOI
DN2.3	OUTDOOR TABLE (44" X 44"), OFOI
DN2.4	TABLE, FIXED SEATING ROUND TABLE, 42", OFOI
DN2.5	TABLE, LEG STYLE TABLE, 48" ROUND, OFOI
DN2.6	TABLE, FIXED SEATING ROUND TABLE, 48" ADA, OFOI
DN2.7	TABLE, 72" ROUND W/ 6 CHAIRS, OFOI
DN2.8	TABLE, 36" SQUARE LEG STYLE, OFOI
DN2.9	TABLE, 72" ROUND 5 SEAT - ADA, OFOI
DN3.1	ARMLESS CHAIR, OFOI
DN3.1A	ARM CHAIR, OFOI
DN3.2	4 BEAM SEAT W/ END ARMS, OFOI
DN3.3	LOUNGE CHAIR, LEFT ARM, OFOI
DN3.4	LOUNGE CHAIR, ARMLESS, OFOI
DN3.5	LOUNGE CHAIR, RIGHT ARM, OFOI
DN3.6	STACKABLE CHAIR, OFOI
DN4.1	DETENTION SHELF, OFOI
DN4.2	DETENTION DESK, OFOI
DN4.3	DETENTION BUNK, OFOI
DN4.4	FLOOR MOUNTED STOOL, OFOI
DN4.5	BEDROOM BUNK, OFOI
DN4.6	THREE COMPARTMENT SHELF, OFOI
DN4.7	WALL MOUNTED SWING STOOL, OFOI
DN4.8	FLOOR MOUNTED SAFE CELL BED, OFOI

GENERAL NOTES

1. REFER TO DIVISION 08 OF THE PROJECT MANUAL FOR SECURITY GLAZING.
2. REFER TO DIVISION 11 OF THE PROJECT MANUAL FOR DETENTION RELATED SPECIFICATIONS
3. REFER TO SHEET D402 FOR DETENTION DOOR AND WINDOW SCHEDULES.
4. REFER TO SHEET D402 DETENTION FRAME ELEVATIONS FOR FRAMES THAT HAVE BEEN TAGGED WITH ⟨ ⟩. THESE FRAMES NOT INCLUDED IN DETENTION WINDOW SCHEDULE.
5. FURISHINGS AND EQUIPMENT DESIGNATED ON DRAWINGS AND SPECIFICATIONS AS OFOI ARE TO BE OWNER FURNISHED, OWNER INSTALLED.
6. PROVIDE DETENTION ACCESS PANELS WHERE ELECTRICAL AND MECHANICAL DEVICES REQUIRE ACCESS THROUGH SECURITY WALLS, FLOORS OR CEILINGS. FINAL QUANTITY AND LOCATION WILL BE AS REQUIRED FOR ACCESS TO EQUIPMENT PROVIDED BY ELECTRICAL AND MECHANICAL. THESE PANELS MAY BE IN ADDITION TO DETENTION ACCESS PANELS SHEN ELSEWHERE IN THE DRAWINGS.



1 FIRST FLOOR DETENTION PLAN - AREA A
Scale: 1/8" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	RTB
APPROVED BY	JLB
CHECKED BY	CAC
DATE	2-5-2015

TITLE

FIRST FLOOR PLAN - DETENTION - AREA A

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

D110A

SHEET NO.

GENERAL NOTES

1. REFER TO DIVISION 08 OF THE PROJECT MANUAL FOR SECURITY GLAZING.
2. REFER TO DIVISION 11 OF THE PROJECT MANUAL FOR DETENTION RELATED SECIFICATIONS
3. REFER TO SHEET D400 FOR DETENTION DOOR AND WINDOW SCHEDULES.
4. REFER TO SHEET D402 DETENTION FRAME ELEVATIONS FOR FRAMES THAT HAVE BEEN TAGGED WITH <——>. THESE FRAMES NOT INCLUDED IN DETENTION WINDOW SCHEDULE.
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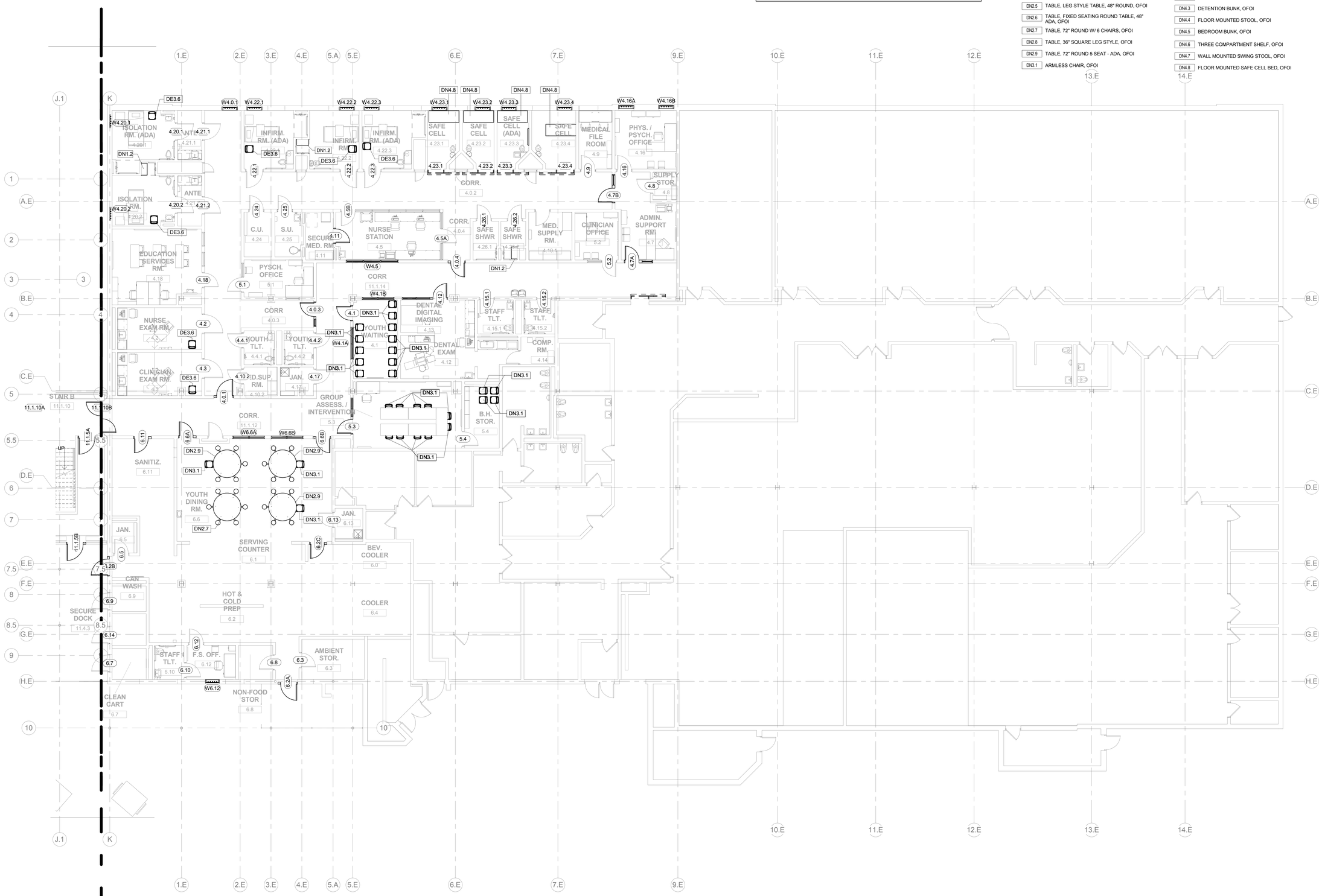
KEY NOTES:

DN1.1	SECURITY MIRROR
DN1.2	FOLDING SHOWER SEAT
DN1.3	SECURITY GRAB BAR, XX" NOTE: LETTER DEFINES GRAB BAR LENGTH: A=24", B=36", C=42", D=48", E=54"
DN1.4	TRANSACTION DRAWER
DN2.1	LEG STYLE TABLE (30" X 72"), OFOI
DN2.2	TABLE, OFOI
DN2.3	OUTDOOR TABLE (44" X 44"), OFOI
DN2.4	TABLE, FIXED SEATING ROUND TABLE, 42", OFOI
DN2.5	TABLE, LEG STYLE TABLE, 48" ROUND, OFOI
DN2.6	TABLE, FIXED SEATING ROUND TABLE, 48" ADA, OFOI
DN2.7	TABLE, 72" ROUND W/ 6 CHAIRS, OFOI
DN2.8	TABLE, 36" SQUARE LEG STYLE, OFOI
DN2.9	TABLE, 72" ROUND 5 SEAT - ADA, OFOI
DN3.1	ARMLESS CHAIR, OFOI
DN3.1A	ARM CHAIR, OFOI
DN3.2	4 BEAM SEAT W/ END ARMS, OFOI
DN3.3	LOUNGE CHAIR, LEFT ARM, OFOI
DN3.4	LOUNGE CHAIR, ARMLESS, OFOI
DN3.5	LOUNGE CHAIR, RIGHT ARM, OFOI
DN3.6	STACKABLE CHAIR, OFOI
DN4.1	DETENTION SHELF, OFOI
DN4.2	DETENTION DESK, OFOI
DN4.3	DETENTION BUNK, OFOI
DN4.4	FLOOR MOUNTED STOOL, OFOI
DN4.5	BEDROOM BUNK, OFOI
DN4.6	THREE COMPARTMENT SHELF, OFOI
DN4.7	WALL MOUNTED SWING STOOL, OFOI
DN4.8	FLOOR MOUNTED SAFE CELL BED, OFOI



1 FIRST FLOOR DETENTION PLAN - AREA B
Scale: 1/8" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
TERRALOGOS
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	RTB
APPROVED BY	JLB
CHECKED BY	CAC
DATE	2-5-2015

TITLE

FIRST FLOOR PLAN - DETENTION - AREA B

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

D110B

SHEET NO.

KEY NOTES:

DN1.1	SECURITY MIRROR
DN1.2	FOLDING SHOWER SEAT
DN1.3	SECURITY GRAB BAR, XX" NOTE: LETTER DEFINES GRAB BAR LENGTH: A=24", B=36", C=42", D=48", E=54"
DN1.4	TRANSACTION DRAWER
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DN2.2	TABLE, OFOI
DN2.3	OUTDOOR TABLE (44" X 44"), OFOI
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DN2.7	TABLE, 72" ROUND W/ 6 CHAIRS, OFOI
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DN3.1	ARMLESS CHAIR, OFOI
DN3.1A	ARM CHAIR, OFOI
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DN3.3	LOUNGE CHAIR, LEFT ARM, OFOI
DN3.4	LOUNGE CHAIR, ARMLESS, OFOI
DN3.5	LOUNGE CHAIR, RIGHT ARM, OFOI
DN3.6	STACKABLE CHAIR, OFOI
DN4.1	DETENTION SHELF, OFOI
DN4.2	DETENTION DESK, OFOI
DN4.3	DETENTION BUNK, OFOI
DN4.4	FLOOR MOUNTED STOOL, OFOI
DN4.5	BEDROOM BUNK, OFOI
DN4.6	THREE COMPARTMENT SHELF, OFOI
DN4.7	WALL MOUNTED SWING STOOL, OFOI
DN4.8	FLOOR MOUNTED SAFE CELL BED, OFOI

GENERAL NOTES

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2. REFER TO DIVISION 11 OF THE PROJECT MANUAL FOR DETENTION RELATED SPECIFICATIONS
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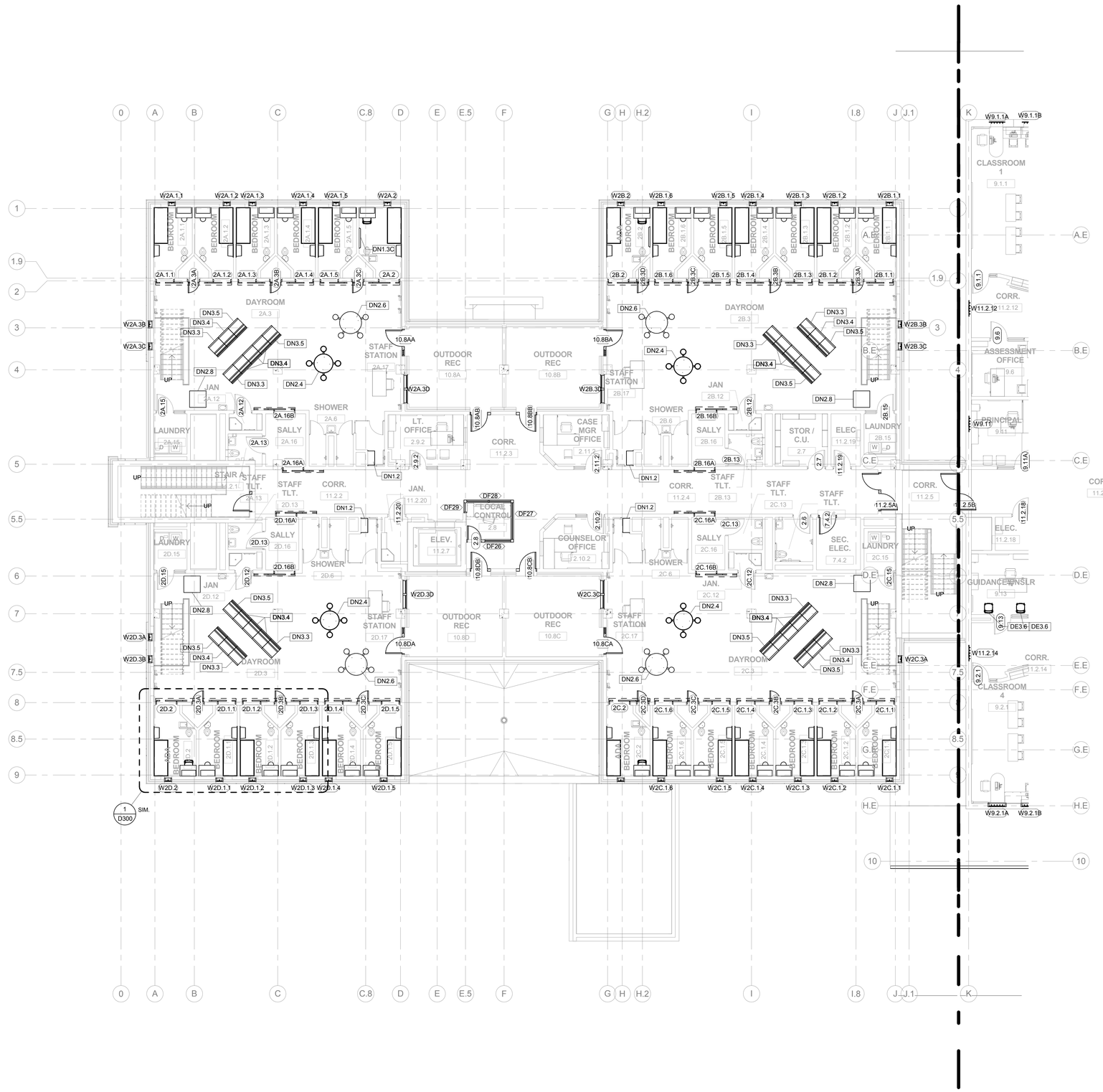

1 SECOND FLOOR DETENTION PLAN - AREA A
Scale: 1/8" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
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TERRALOGOS

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	RTB
APPROVED BY	JLB
CHECKED BY	CAC
DATE	2-5-2015

TITLE

SECOND FLOOR PLAN - DETENTION - AREA A

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

D120A

SHEET NO.

1 SECOND FLOOR DETENTION PLAN - AREA B

Scale: 1/8" = 1'-0"

KEY NOTES:

DN1.1	SECURITY MIRROR
DN1.2	FOLDING SHOWER SEAT
DN1.3	SECURITY GRAB BAR, XX" NOTE: LETTER DEFINES GRAB BAR LENGTH: A=24", B=36", C=42", D=48", E=54"
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DN4.4	FLOOR MOUNTED STOOL, OFOI
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GENERAL NOTES

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A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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SIDHU ASSOCIATES, INC.
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TERRALOGOS
ECO ARCHITECTURE.PC

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

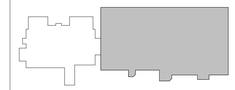
STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

KEY PLAN



SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	RTB
APPROVED BY	JLB
CHECKED BY	CAC
DATE	2-5-2015

TITLE

SECOND FLOOR PLAN - DETENTION - AREA B

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

D120B

SHEET NO.

KEY NOTES:

DN1.1	SECURITY MIRROR
DN1.2	FOLDING SHOWER SEAT
DN1.3	SECURITY GRAB BAR, XX" NOTE: LETTER DEFINES GRAB BAR LENGTH: A=24", B=36", C=42", D=48", E=54"
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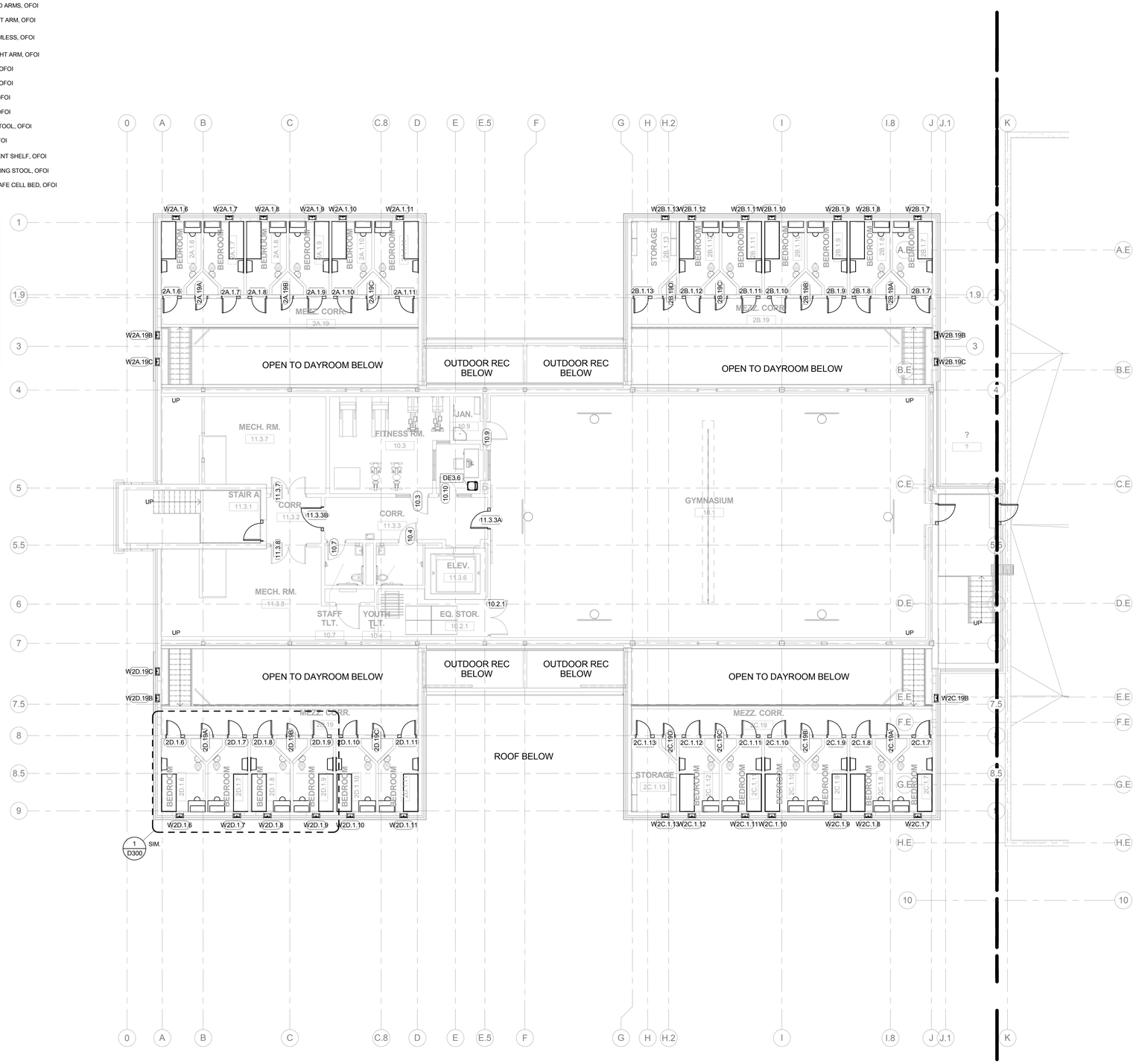

1 THIRD FLOOR AND MEZZ. DETENTION PLAN
Scale: 1/8" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
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HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115

TERRALOGOS

R&R designer, inc.

LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	RTB
APPROVED BY	JLB
CHECKED BY	CAC
DATE	2-5-2015

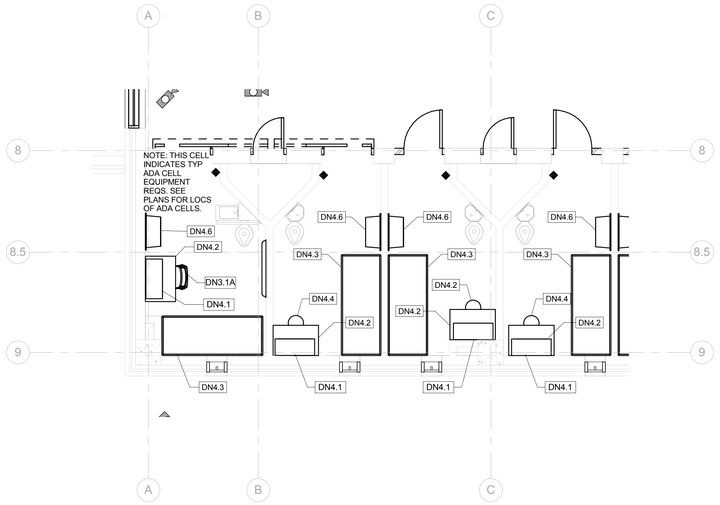
TITLE

THIRD FLOOR AND MEZZ. PLAN - DETENTION

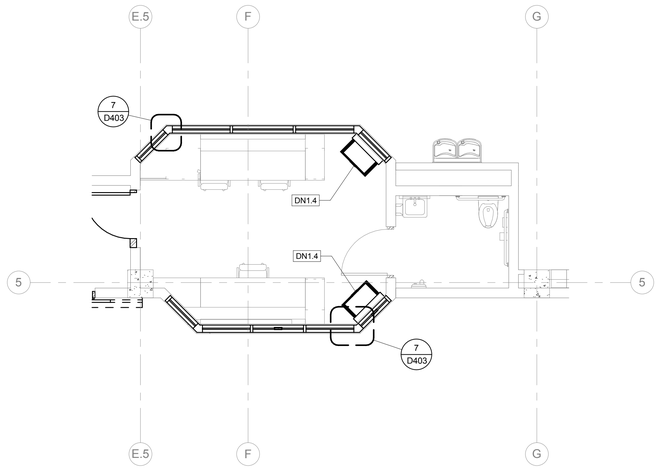
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

D130

SHEET NO.



1 TYPICAL CELL LAYOUTS
Scale: 1/4" = 1'-0"



2 MASTER CONTROL
Scale: 1/4" = 1'-0"

KEY NOTES:

DN1.1	SECURITY MIRROR
DN1.2	FOLDING SHOWER SEAT
DN1.3	SECURITY GRAB BAR, XX" NOTE: LETTER DEFINES GRAB BAR LENGTH: A=24", B=36", C=42", D=48", E=54"
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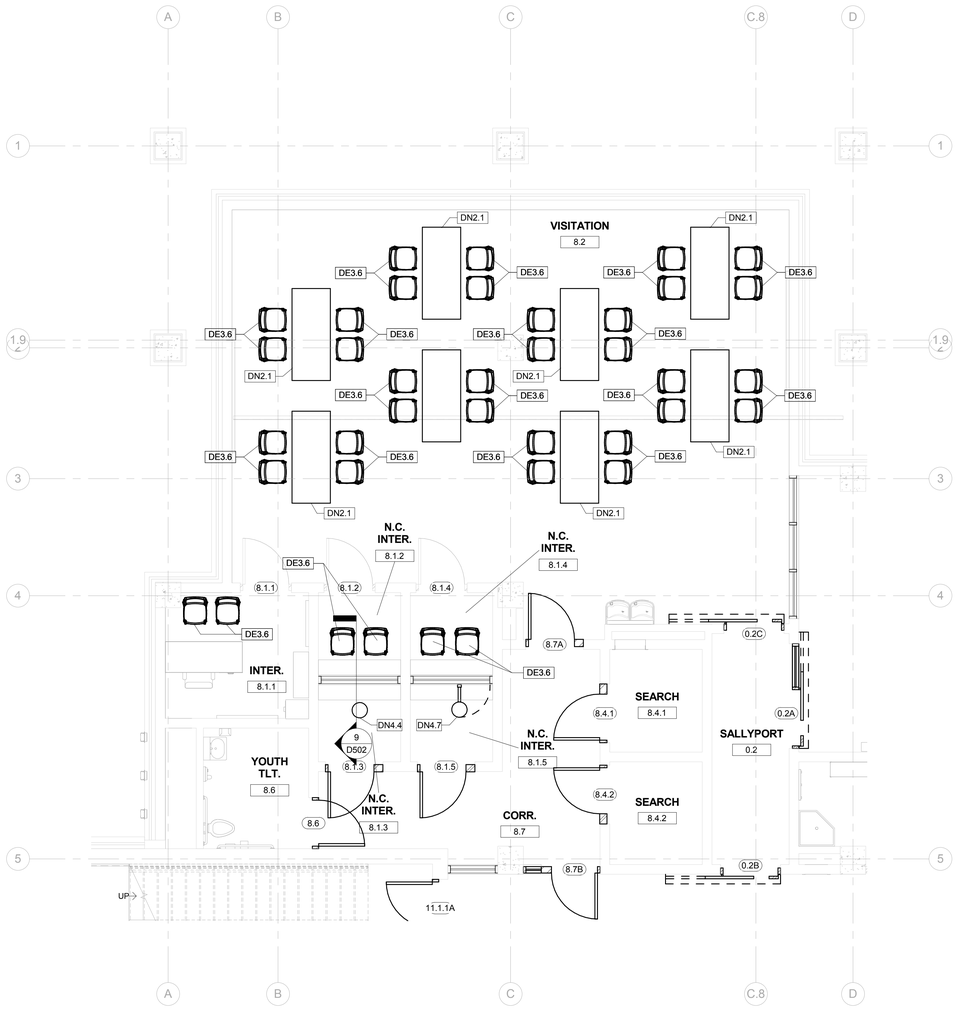

3 FIRST FLOOR AREA A DETENTION EQUIPMENT - VISITATION
Scale: 1/4" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

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SIDHU ASSOCIATES, INC.
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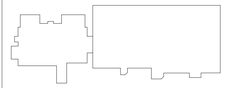
STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

KEY PLAN



SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	RTB
APPROVED BY	CRD
CHECKED BY	CAC
DATE	2-5-2015

TITLE

LARGE SCALE DETENTION EQUPMENT PLANS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

D300

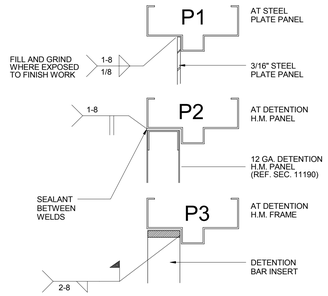
SHEET NO.

DETENTION DOOR SCHEDULE

DOOR NUMBER	DOOR LEAF QTY	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	GLAZING	FIRE LABEL	HARDWARE	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	REMARKS	DOOR NUMBER
0.2A	1	3' - 0"	7' - 0"	2"	HG P	DHM		DHM	SG-12R	20	DHW-820R	12/D403	13-14/D403	6/D403		0.2A
0.2B	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12R	20	DHW-820R	12/D403	13-14/D403	6/D403		0.2B
0.2C	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-820	12/D403	13-14/D403	6/D403		0.2C
0.3A	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12R	20	DHW-820R	12/D403	13-14/D403	6/D403		0.3A
0.3B	1	3' - 0"	7' - 0"	2"	HG	DHM	DF2	DHM	SG-12		DHW-320	4/D403	5/D403	--		0.3B
0.6	1	3' - 0"	7' - 0"	2"	FG2	DHM		DHM	SG-16		DHW-310M	4/D403	5/D403	6/D403		0.6
2.8	1	2' - 6"	7' - 0"	2"	HG	DHM	DF1	DHM	SG-12		DHW-310M	1/D403	7/D403	6/D403		2.8
2A.1.1	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	20/D403		2A.1.1
2A.1.2	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	20/D403		2A.1.2
2A.1.3	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	20/D403		2A.1.3
2A.1.4	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	20/D403		2A.1.4
2A.1.5	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	20/D403		2A.1.5
2A.1.6	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403	--		2A.1.6
2A.1.7	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403	--		2A.1.7
2A.1.8	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403	--		2A.1.8
2A.1.9	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403	--		2A.1.9
2A.1.10	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403	--		2A.1.10
2A.1.11	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403	--		2A.1.11
2A.2	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	20/D403		2A.2
2A.3A	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403	--		2A.3A
2A.3B	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403	--		2A.3B
2A.3C	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403	--		2A.3C
2A.16A	1	3' - 0"	7' - 0"	2"	N P	DHM	DF5	DHM	SG-12R	20S	DHW-820R	12/D403	13-14/D403	20/D403		2A.16A
2A.16B	1	3' - 0"	7' - 0"	2"	N P	DHM	DF5	DHM	SG-12		DHW-820	12/D403	13-14/D403	20/D403		2A.16B
2A.19A	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2A.19A
2A.19B	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2A.19B
2A.19C	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2A.19C
2B.1.1	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2B.1.1
2B.1.2	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2B.1.2
2B.1.3	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2B.1.3
2B.1.4	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2B.1.4
2B.1.5	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2B.1.5
2B.1.6	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2B.1.6
2B.1.7	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2B.1.7
2B.1.8	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2B.1.8
2B.1.9	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2B.1.9
2B.1.10	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2B.1.10
2B.1.11	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2B.1.11
2B.1.12	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2B.1.12
2B.1.13	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2B.1.13
2B.2	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2B.2
2B.3A	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2B.3A
2B.3B	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2B.3B
2B.3C	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2B.3C
2B.3D	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2B.3D
2B.16A	1	3' - 0"	7' - 0"	2"	N P	DHM	DF5	DHM	SG-12R	20S	DHW-820R	12/D403	13-14/D403	19/D403		2B.16A
2B.16B	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-820	12/D403	13-14/D403	19/D403		2B.16B
2B.19A	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2B.19A
2B.19B	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2B.19B
2B.19C	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2B.19C
2B.19D	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2B.19D
2C.1.1	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2C.1.1
2C.1.2	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2C.1.2
2C.1.3	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2C.1.3
2C.1.4	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2C.1.4
2C.1.5	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2C.1.5
2C.1.6	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2C.1.6
2C.1.7	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2C.1.7
2C.1.8	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2C.1.8
2C.1.9	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2C.1.9
2C.1.10	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2C.1.10
2C.1.11	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2C.1.11
2C.1.12	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2C.1.12
2C.1.13	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2C.1.13
2C.2	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2C.2
2C.3A	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2C.3A
2C.3B	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2C.3B
2C.3C	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2C.3C
2C.3D	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2C.3D
2C.16A	1	3' - 0"	7' - 0"	2"	N P	DHM	DF5	DHM	SG-12R	20S	DHW-820R	12/D403	13-14/D403	19/D403		2C.16A
2C.16B	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-820	12/D403	13-14/D403	19/D403		2C.16B
2C.19A	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2C.19A
2C.19B	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2C.19B
2C.19C	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2C.19C
2C.19D	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2C.19D
2D.1.1	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2D.1.1
2D.1.2	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2D.1.2
2D.1.3	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2D.1.3
2D.1.4	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2D.1.4
2D.1.5	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2D.1.5
2D.1.6	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2D.1.6
2D.1.7	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2D.1.7
2D.1.8	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2D.1.8
2D.1.9	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2D.1.9
2D.1.10	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2D.1.10
2D.1.11	1	2' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			2D.1.11
2D.2	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2D.2
2D.3A	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2D.3A
2D.3B	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2D.3B
2D.3C	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2D.3C
2D.16A	1	3' - 0"	7' - 0"	2"	N P	DHM	DF5	DHM	SG-12R	20S	DHW-820R	12/D403	13-14/D403	19/D403		2D.16A
2D.16B	1	3' - 0"	7' - 0"	2"	N P	DHM	DF5	DHM	SG-12		DHW-820	12/D403	13-14/D403	19/D403		2D.16B
2D.19A	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2D.19A
2D.19B	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2D.19B
2D.19C	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2D.19C
2F.0.1A	1	3' - 0"	7' - 0"	2"	N P	DHM	DF5	DHM	SG-12R	20S	DHW-820R	12/D403	13-14/D403	19/D403		2F.0.1A
2F.0.1B	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-820	12/D403	13-14/D403	19/D403		2F.0.1B
2F.0.3	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12R	20S	DHW-820R	12/D403	13-14/D403	19/D403		2F.0.3
2F.1.1	1	2' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2F.1.1
2F.1.2	1	2' - 6"	7' - 0"	2"	HG	DHM	DF1	DHM	SG-12		DHW-310M	4/D403	5/D403			2F.1.2
2F.1.3	1	2' - 6"	7' - 0"	2"	HG	DHM	DF1	DHM	SG-12		DHW-310M	4/D403	5/D403			2F.1.3
2F.1.4	1	2' - 6"	7' - 0"	2"	HG	DHM	DF1	DHM	SG-12		DHW-310M	4/D403	5/D403			2F.1.4
2F.1.5	1	2' - 6"	7' - 0"	2"	HG	DHM	DF1	DHM	SG-12		DHW-310M	4/D403	5/D403			2F.1.5
2F.1.6	1	2' - 6"	7' - 0"	2"	HG	DHM	DF1	DHM	SG-12		DHW-310M	4/D403	5/D403			2F.1.6
2F.1.7	1	2' - 6"	7' - 0"	2"	HG	DHM	DF1	DHM	SG-12		DHW-310M	4/D403	5/D403			2F.1.7
2F.1.8	1	2' - 6"	7' - 0"	2"	HG	DHM	DF1	DHM	SG-12		DHW-310M	4/D403	5/D403			2F.1.8
2F.1.9	1	2' - 6"	7' - 0"	2"	HG	DHM	DF1	DHM	SG-12		DHW-310M	4/D403	5/D403			2F.1.9
2F.2	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		2F.2
2F.3A	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2F.3A
2F.3B	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2F.3B
2F.3C	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2F.3C
2F.3D	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2F.3D
2F.3E	1	2' - 0"	6' - 4"	2"	F	DHM	DF1	DHM	-		DHW-116	4/D403	5/D403			2F.3E
3.0.1	1	3' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12	20	DHW-320R	4/D403	5/D403			3.0.1
3.1.1	1	3' - 0"	7' - 0"	2"	HG	DHM	DF6	DHM	SG-12		DHW-310	4/D403	5/D403			3.1.1
3.1.2	1	3' - 0"	7' - 0"	2"	HG	DHM	DF6	DHM	SG-12		DHW-310	4/D403	5/D403			3.1.2
3.2	1	3' - 0"	7' - 0"	2"	N	DHM	DF1	DHM	SG-12		DHW-111	4/D403	5/D403			3.2
3.3	1	3' - 0"	7' - 0"	2"	HG	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			3.3
3.6A	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-820	12/D403	13-14/D403	19/D403		3.6A
3.6B	1	3' - 6"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-820	12/D403	13-14/D403	19/D403		3.6B
3.7B	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-320X	4/D403	5/D403			3.7B
4.0.1	1	3' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12R	20S	DHW-320MR	4/D403	5/D403			4.0.1
4.0.2A	1	2' - 6"	5' - 6"	2"	F	DHM	DNC	DHM	-		DHW-116	4/D403	5/D403			4.0.2A
4.0.2B	1	2' - 6"	5' - 6"	2"	F	DHM	DNC	DHM	-		DHW-116	4/D403	5/D403			4.0.2B
4.0.3	1	3' - 0"	7' - 0"	2"	HG	DHM	DF10	DHM	SG-12R	20S	DHW-320MR	4/D403	5/D403			4.0.3
4.0.4	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12R	20S	DHW-320MR	4/D403	5/D403			4.0.4
4.1	1	3' - 0"	7' - 0"	2"	N	DHM	DF1	DHM	SG-12	20	DHW-320R	4/D403	5/D403			4.1
4.7A	1	3' - 0"	7' - 0"	2"	HG	DHM	DF6	DHM	SG-12R	20S	DHW-320MR	4/D403	5/D403			4.7A
4.7B	1	3' - 0"	7' - 0"	2"	HG	DHM	DF6	DHM	SG-12		DHW-320M	4/D403	5/D403			4.7B
4.11	1	3' - 0"	7' - 0"	2"	N	DHM	DF1	DHM	SG-12		DHW-210M	4/D403	5/D403			4.11
4.12	1	3' - 0"	7' - 0"	2"	HG	DHM	DF7	DHM	SG-12R	20	DHW-320R	4/D403	5/D403			4.12
4.23.1	1	2' - 8"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		4.23.1
4.23.2	1	2' - 8"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		4.23.2
4.23.3	1	2' - 8"	7' - 0"	2"	HG P	DHM	DF2	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		4.23.3
4.23.4	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-810	12/D403	13-15/D403	19/D403		4.23.4
5.3	1	3' - 0"	7' - 0"	2"	HG	DHM	DF8	DHM	SG-12R	20	DHW-320R	4/D403	5/D403			5.3
6.2A	1	3' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	ISG2		DHW-320X	4/D403	5/D403			6.2A
6.2B	1	3' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	ISG2	45	DHW-320X	4/D403	5/D403			6.2B
6.2C	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310M	4/D403	5/D403			6.2C
6.6A	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12R	20	DHW-320R	4/D403	5/D403			6.6A
6.6B	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12R	20	DWH-320R	4/D403	5/D403			6.6B
6.11	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12R	20	DHW-320R	4/D403	5/D403			6.11
7.4.1	1	3' - 0"	7' - 0"	2"	F	DHM	DF1	DHM	-		DHW-112M	4/D403	5/D403			7.4.1
7.4.2	1	3' - 0"	7' - 0"	2"	F	DHM	DF1	DHM	SG-12R	20	DHW-112M	4/D403	5/D403			7.4.2
8.1.3	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310	4/D403	5/D403			8.1.3
8.1.5	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-310	4/D403	5/D403			8.1.5

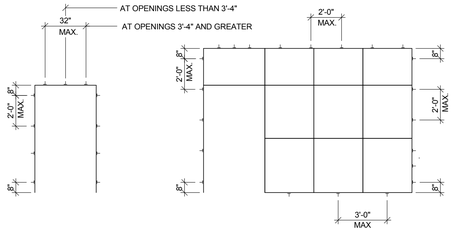
DETENTION DOOR SCHEDULE

DOOR NUMBER	DOOR LEAF QTY	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	GLAZING	FIRE LABEL	HARDWARE	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	REMARKS	DOOR NUMBER
8.4.1	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-320M	4/D403	5/D403			8.4.1
8.4.2	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-320M	4/D403	5/D403			8.4.2
8.6	1	3' - 0"	7' - 0"	2"	F	DHM	DF1	DHM	-		DHW-111	4/D403	5/D403			8.6
8.7A	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12		DHW-320M	4/D403	5/D403			8.7A
8.7B	1	3' - 0"	7' - 0"	2"	HG	DHM	DF9	DHM	SG-12R	20	DHW-320MR	4/D403	5/D403			8.7B
10.8AA	1	3' - 0"	7' - 0"	2"	FG2	DHM		DHM	ISG2		DHW-310MX	2/D403	3/D403			10.8AA
10.8AB	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	ISG2		DHW-310MX	2/D403	3/D403			10.8AB
10.8BA	1	3' - 0"	7' - 0"	2"	FG2	DHM		DHM	ISG2		DHW-310MX	2/D403	3/D403			10.8BA
10.8BB	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	ISG2		DHW-310MX	2/D403	3/D403			10.8BB
10.8CA	1	3' - 0"	7' - 0"	2"	FG2	DHM		DHM	ISG2		DHW-310MX	2/D403	3/D403			10.8CA
10.8CB	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	ISG2		DHW-310MX	2/D403	3/D403			10.8CB
10.8DA	1	3' - 0"	7' - 0"	2"	FG2	DHM		DHM	ISG2		DHW-310MX	2/D403	3/D403			10.8DA
10.8DB	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	ISG2		DHW-310MX	2/D403	3/D403			10.8DB
10.8F	1	3' - 0"	7' - 0"	2"	SR	DHM		DHM	ISG2		DHW-310MX	2/D403	3/D403			10.8F
11.1.1A	1	3' - 0"	7' - 0"	2"	F	DHM	DF2	DHM	SG-12R	45	DHW-320MR	4/D403	5/D403			11.1.1A
11.1.1B	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12R	45	DHW-320MX	2/D403	3/D403			11.1.1B
11.1.5A	1	3' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	GL-2	60MIN.	DHW-320MR	E3/A650	D3/A650			11.1.5A
11.1.5B	1	3' - 6"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12R	45	DHW-320MX	2/D403	3/D403			11.1.5B
11.1.10A	2	3' - 0"	7' - 0"	2"	N	DHM	DF4	DHM	SG-12R	45	DHW-321R	4/D403	5/D403			11.1.10A
11.1.10B	2	3' - 0"	7' - 0"	2"	N	DHM	DF4	DHM	SG-12R	90	DHW-321R	4/D403	5/D403			11.1.10B
11.1.14	1	3' - 0"	7' - 0"	2"	HG P	DHM	DF5	DHM	SG-12		DHW-820R	12/D403	13-14/D403	19/D403		11.1.14
11.2.1	1	3' - 0"	7' - 0"	2"	F	DHM	DF2	DHM	-	45	DHW-320MR	4/D403	5/D403			11.2.1
11.2.5A	2	3' - 0"	7' - 0"	2"	N	DHM	DF4	DHM	SG-12R	45	DHW-321R	4/D403	5/D403			11.2.5A
11.2.5B	2	3' - 0"	7' - 0"	2"	N	DHM	DF4	DHM	SG-12R	90	DHW-321R	4/D403	5/D403			11.2.5B
11.2.15	1	3' - 0"	7' - 0"	2"	N P	DHM	DF5	DHM	SG-12		DHW-820	12/D403	13-14/D403	19/D403		11.2.15
11.2.16	1	3' - 0"	7' - 0"	2"	F	DHM	DF2	DHM	-		DHW-310M	2/D403	3/D403			11.2.16
11.3.1	1	3' - 0"	7' - 0"	2"	F	DHM	DF2	DHM	-	45	DHW-310	4/D403	5/D403			11.3.1
11.3.3A	1	3' - 0"	7' - 0"	2"	N	DHM	DF2	DHM	SG-12	20	DHW-320M

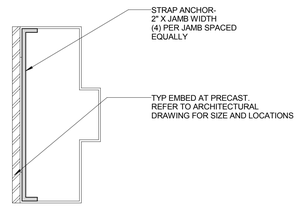


DETENTION H.M. FRAME INFILL CONDITIONS

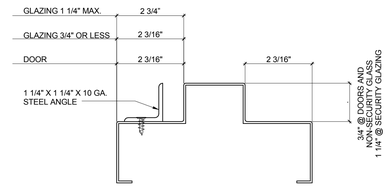
1 DETENTION HM FRAME INFILLS
Scale: 1/4" = 1'-0"



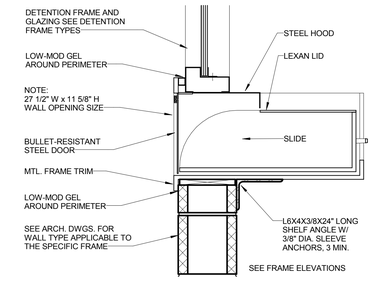
2 HM FRAME ANCHOR LOCATION
Scale: 1/4" = 1'-0"



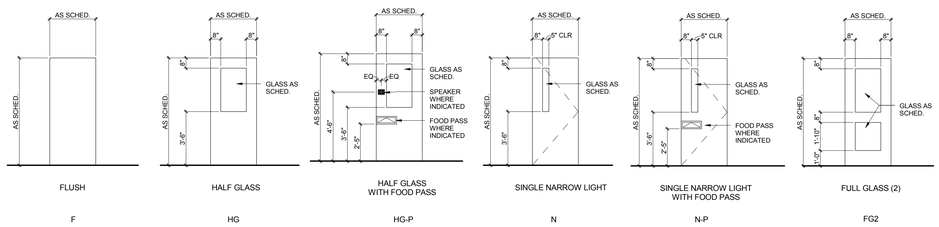
3 TYP. JAMB REINFORCEMENT
Scale: 6" = 1'-0"



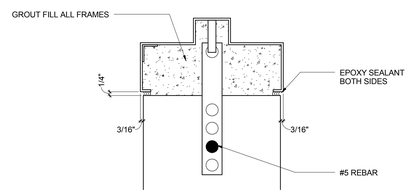
4 TYP HM FRAME PROFILE
Scale: 6" = 1'-0"



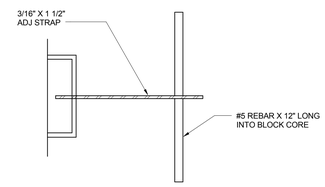
5 PACKAGE PASS SECTION
Scale: 1 1/2" = 1'-0"

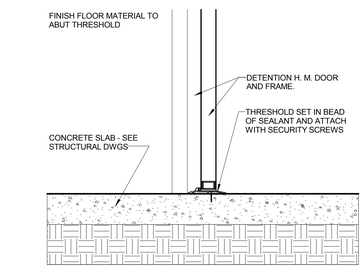


6 DOOR TYPES
Scale: N.T.S.

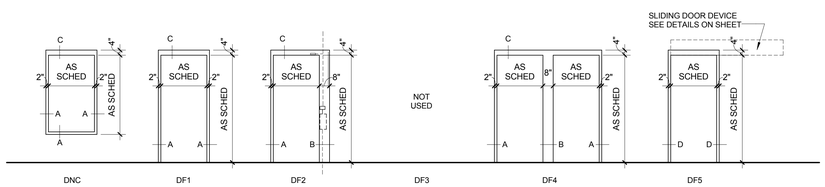


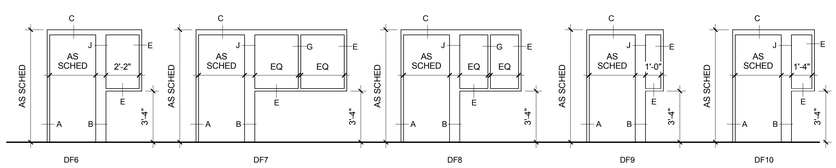
7 TYP FRAME AT MASONRY
Scale: 3" = 1'-0"



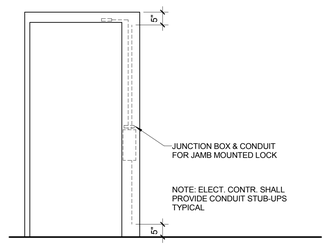


8 DETENTION THRESHOLD DETAIL
Scale: 1 1/2" = 1'-0"

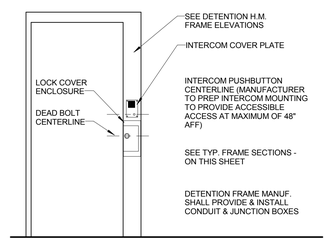




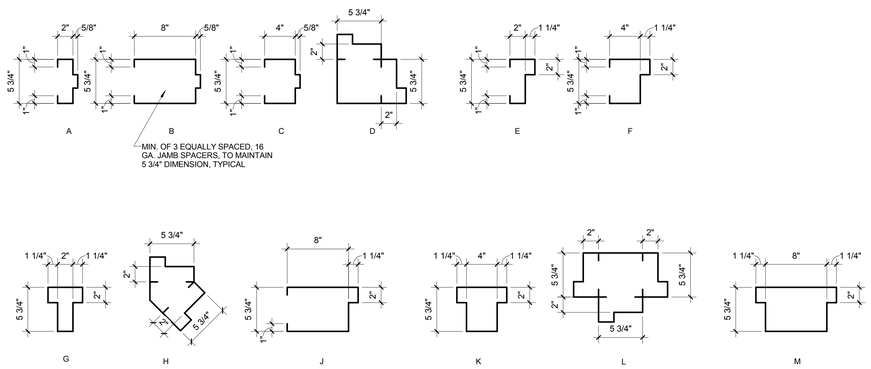
9 DETENTION - DOOR FRAME ELEVATIONS
Scale: 1/4" = 1'-0"



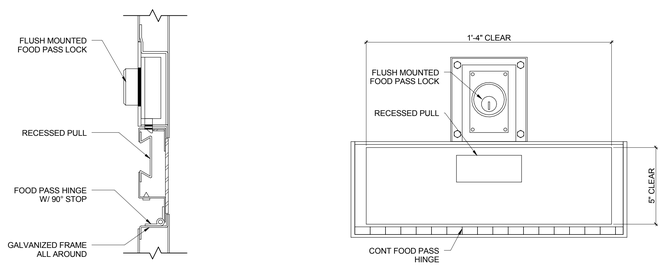
10 FRAME ELEVATION
Scale: 1/2" = 1'-0"



11 FRAME COMPONENTS ELEVATION
Scale: 1/2" = 1'-0"



13 DETENTION - DOOR FRAME SECTIONS
Scale: 1 1/2" = 1'-0"



15 FOOD PASS - FLUSH MOUNTED
Scale: 3" = 1'-0"

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING
HOPE FURRER Associates, Inc.
SIDHU ASSOCIATES, INC. Consulting Engineers
EXECUTIVE PLAZA III, SUITE 1000
11350 McCORMICK ROAD
HUNT VALLEY, MARYLAND 21031
PHONE (410) 329-1115
TERRALOGOS ECO ARCHITECTURE
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	RTB
APPROVED BY	CRD
CHECKED BY	CAC
DATE	2-5-2015

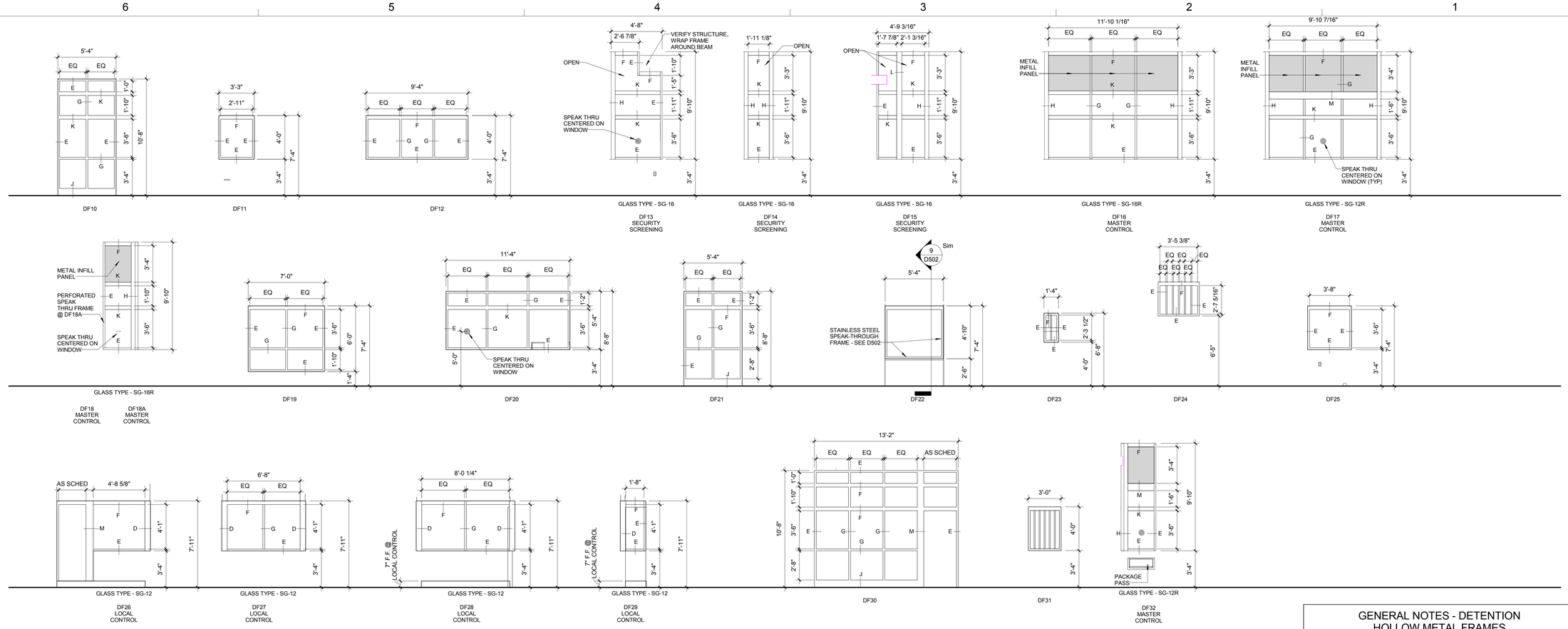
TITLE

DETENTION DOORS AND FRAMES TYPES AND DETAILS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

D401

SHEET NO.



GENERAL NOTES - DETENTION HOLLOW METAL FRAMES

1. REFER TO SECTION 08 88 53 FOR SECURITY GLAZING INFORMATION.
2. REFER TO SECTION 11 19 13 FOR DETENTION HOLLOW METAL DOOR AND FRAME INFORMATION.
3. REFER TO SECTION 11 19 23 FOR DETENTION STAINLESS STEEL WINDOW INFORMATION.
4. REFER TO SHEET D400 FOR DETENTION SCHEDULES.
5. WHERE GLAZING TYPE NOT INDICATED ON ELEVATIONS REFER TO D400 DETENTION SCHEDULES.
6. REFER TO SHEET D401 FOR FRAME PROFILES.

A JOINT-VENTURE BETWEEN
PSA-DEWBERRY + PENZA BAILEY ARCHITECTS

EBA ENGINEERING

HOPE FURRER Associates, Inc.

SIDHU ASSOCIATES, INC.
Consulting Engineers
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TERRALOGOS
ECO ARCHITECTURE.PC

R&R designer, inc.

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STATE OF MARYLAND - DPSCS

BCDC YOUTH DETENTION CENTER

BALTIMORE MARYLAND

SEAL

KEY PLAN

SCALE

As indicated

No.	Description	Date

REVISIONS

DRAWN BY	Author
APPROVED BY	Approver
CHECKED BY	Checker
DATE	2-5-2015

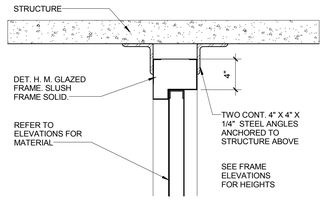
TITLE

DETENTION HOLLOW METAL FRAME ELEVATIONS

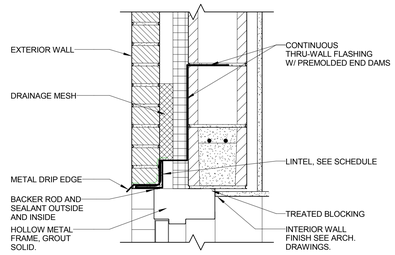
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

D402

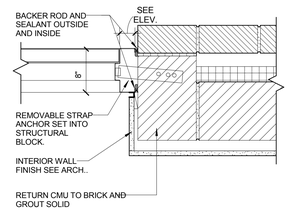
SHEET NO.



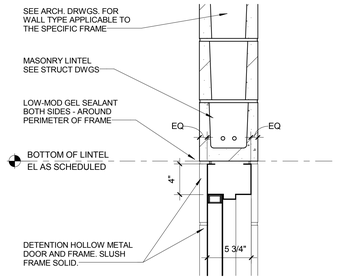
1 DETENTION - HEAD DETAIL
Scale: 1 1/2" = 1'-0"



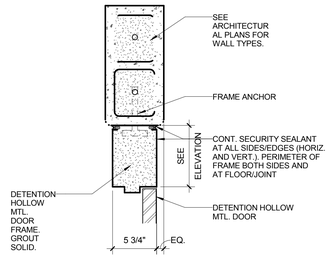
2 EXTERIOR HEAD @ BRICK WALL
Scale: 1 1/2" = 1'-0"



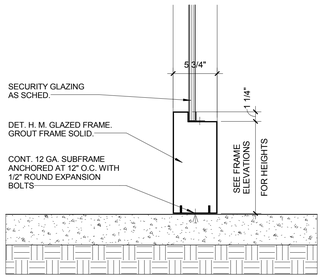
3 EXTERIOR JAMB @ BRICK WALL
Scale: 1 1/2" = 1'-0"



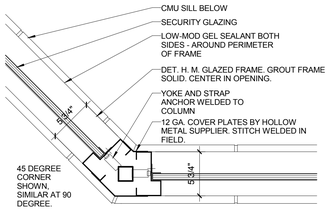
4 DETENTION - DOOR HEAD - IN CMU
Scale: 1 1/2" = 1'-0"



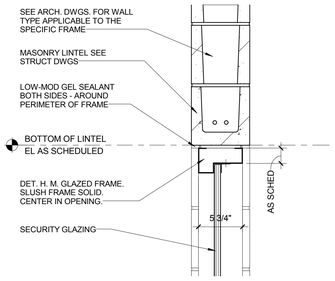
5 DOOR JAMB - 8" IN CMU
Scale: 1 1/2" = 1'-0"



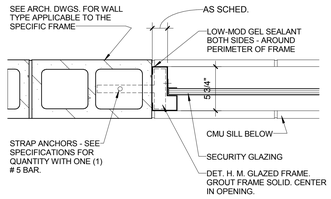
6 TYPICAL SILL @ FLOOR DETAIL
Scale: 1 1/2" = 1'-0"



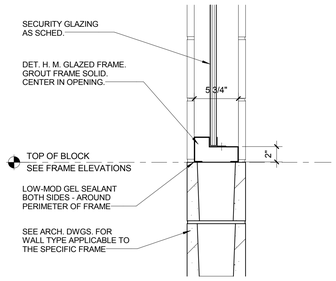
7 WINDOW CORNER JAMB
Scale: 1 1/2" = 1'-0"



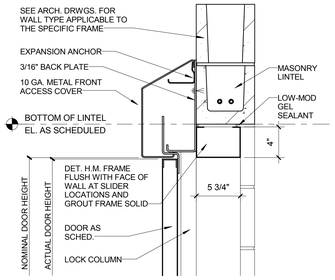
8 TYPICAL WINDOW HEAD DETAIL
Scale: 1 1/2" = 1'-0"



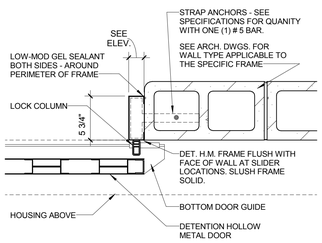
9 TYPICAL WINDOW JAMB DETAIL
Scale: 1 1/2" = 1'-0"



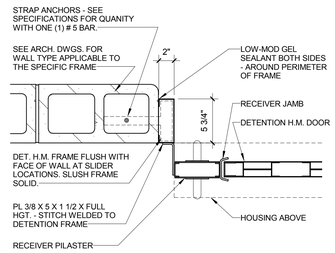
10 TYPICAL WINDOW SILL DETAIL
Scale: 1 1/2" = 1'-0"



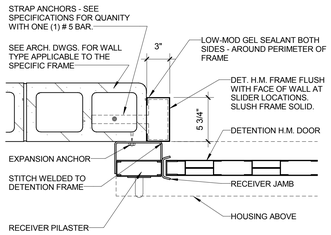
12 SLIDER HEAD DETAIL
Scale: 1 1/2" = 1'-0"



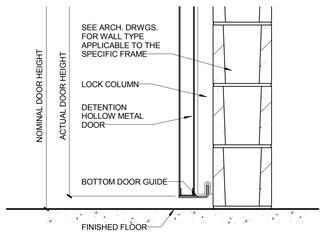
13 SLIDER JAMB DETAIL
Scale: 1 1/2" = 1'-0"



14 SLIDER JAMB
Scale: 1 1/2" = 1'-0"



15 SLIDER JAMB
Scale: 1 1/2" = 1'-0"



20 SLIDER SILL DETAIL
Scale: 1 1/2" = 1'-0"

A JOINT-VENTURE BETWEEN
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EBA ENGINEERING
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SIDHU ASSOCIATES, INC. Consulting Engineers
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TERRALOGOS ECO ARCHITECTURE.PC
R&R designer, inc.
LEWICKI ESTIMATING SERVICES, INC

STATE OF MARYLAND - DPSCS
BCDC YOUTH DETENTION CENTER
BALTIMORE MARYLAND

SEAL

KEY PLAN

SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

DRAWN BY	Author
APPROVED BY	Approver
CHECKED BY	Checker
DATE	2-5-2015

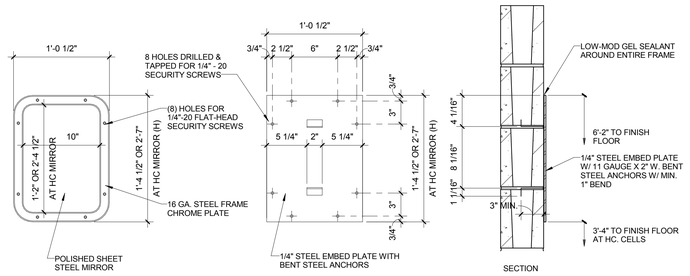
TITLE

DETENTION DOOR AND WINDOW DETAILS

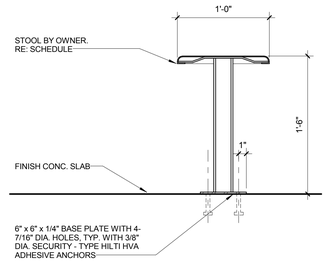
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

D403

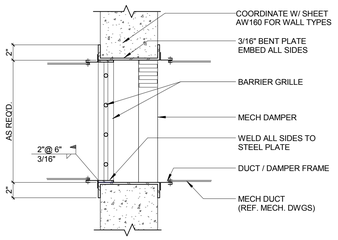
SHEET NO.



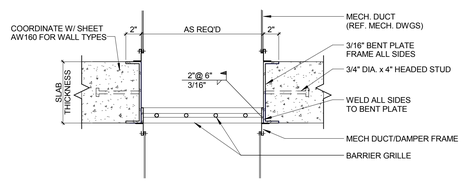
1 DETENTION MIRROR DETAIL
Scale: 1 1/2" = 1'-0"



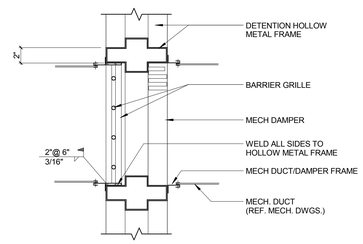
2 DETENTION STOOL DETAIL
Scale: 1 1/2" = 1'-0"



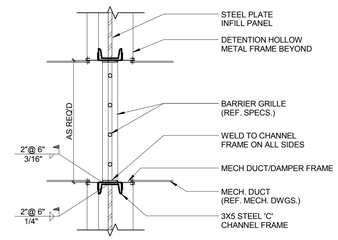
5 TYP. BARRIER GRILLE @ WALL
Scale: 1 1/2" = 1'-0"



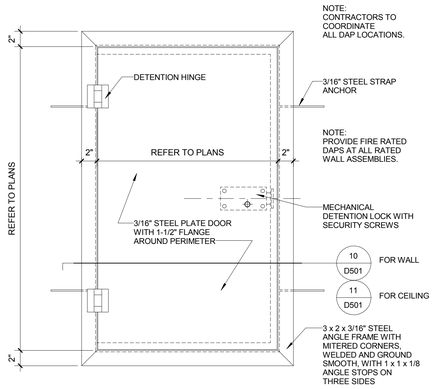
6 TYP. BARRIER GRILLE @ FLOOR
Scale: 1 1/2" = 1'-0"



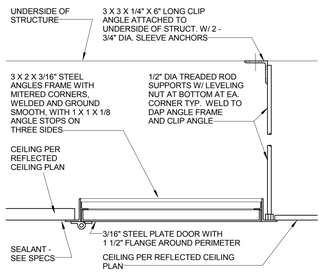
7 TYP. BARRIER GRILLE @ SHM FRAME
Scale: 1 1/2" = 1'-0"



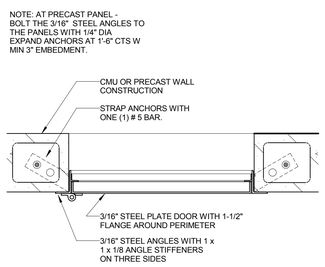
8 TYP. BARRIER GRILLE @ INFILL PANEL
Scale: 1 1/2" = 1'-0"



9 DETENTION ACCESS PANEL (DAP)
Scale: 1 1/2" = 1'-0"



10 DAP - CEILING MOUNTED
Scale: 1 1/2" = 1'-0"



11 DAP - WALL MOUNTED
Scale: 1 1/2" = 1'-0"

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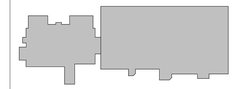

SCALE

1 1/2" = 1'-0"

No.	Description	Date

REVISIONS

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APPROVED BY	Approver
CHECKED BY	Checker
DATE	2-5-2015

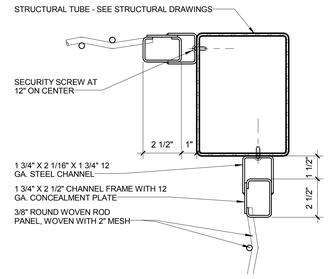
TITLE

DETENTION DETAILS

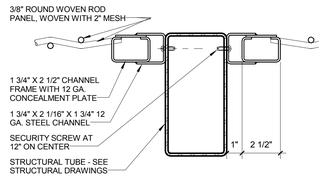
PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

D501

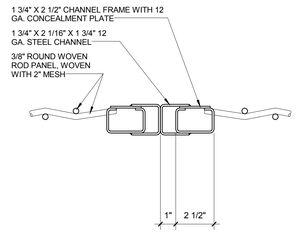
SHEET NO.



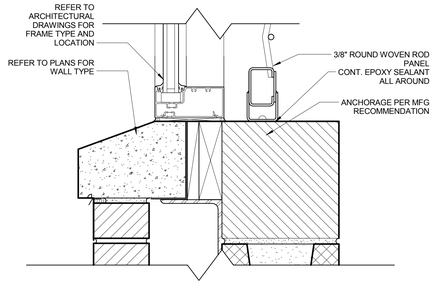
1 WOVEN WIRE PANEL CORNER
Scale: 3" = 1'-0"



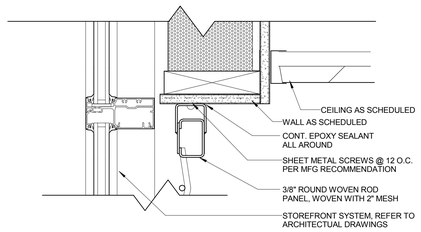
2 WOVEN WIRE PANEL CONNECTION
Scale: 3" = 1'-0"



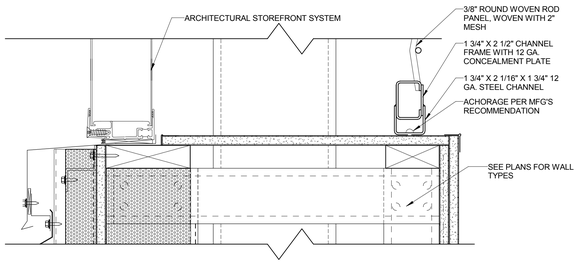
3 WOVEN WIRE PANEL CONNECTION
Scale: 3" = 1'-0"



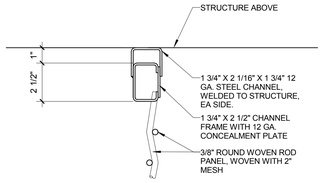
4 WOVEN WIRE SILL @ VISITATION
Scale: 3" = 1'-0"



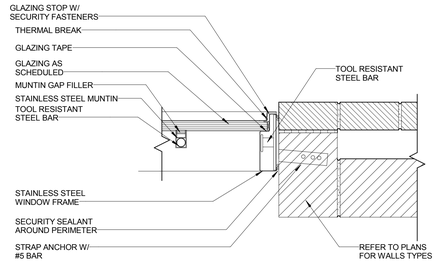
5 WOVEN WIRE HEAD @ VISITATION
Scale: 3" = 1'-0"



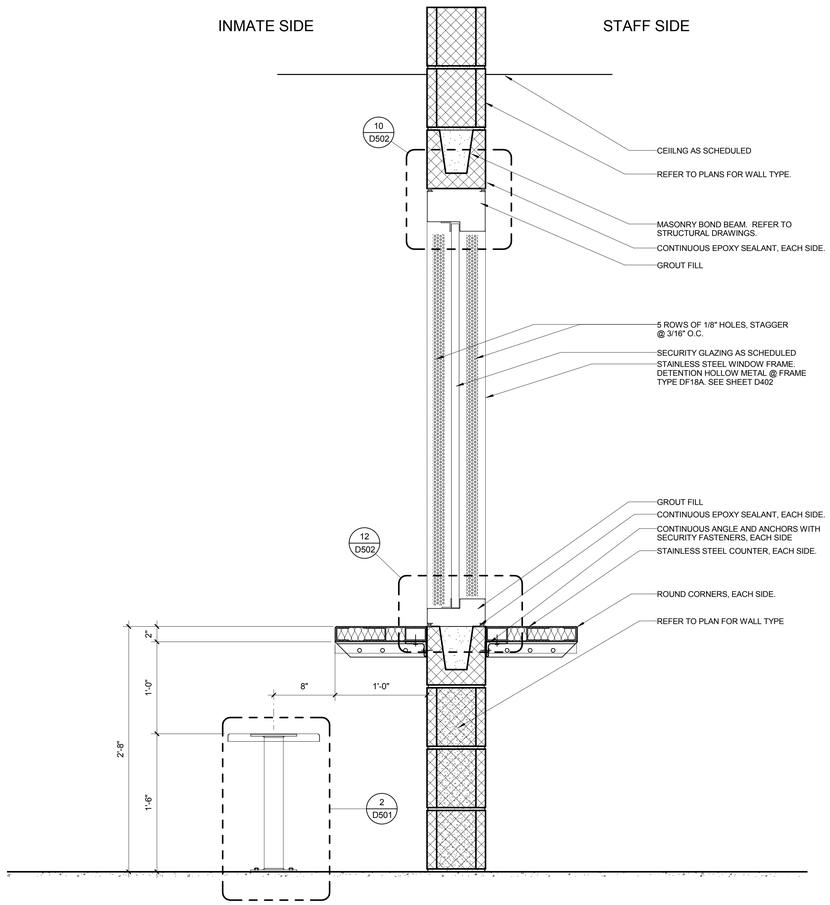
6 WOVEN WIRE SILL
Scale: 3" = 1'-0"



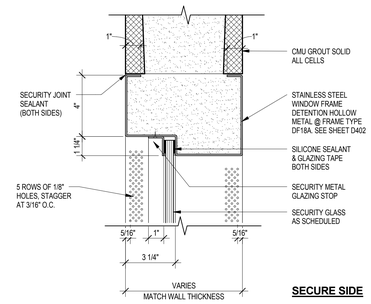
7 WOVEN WIRE HEAD @ STRUCTURE
Scale: 3" = 1'-0"



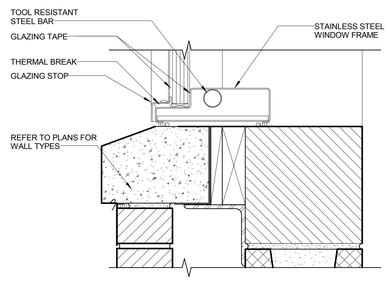
8 EXTERIOR JAMB @ BRICK WALL @ CELL WINDOW
Scale: 1 1/2" = 1'-0"



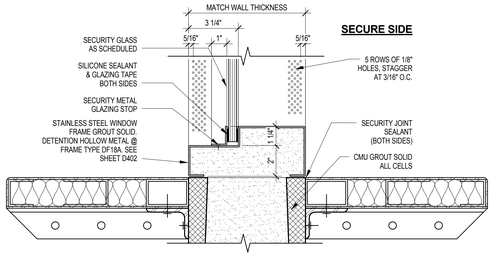
9 SECTION
Scale: 1 1/2" = 1'-0"



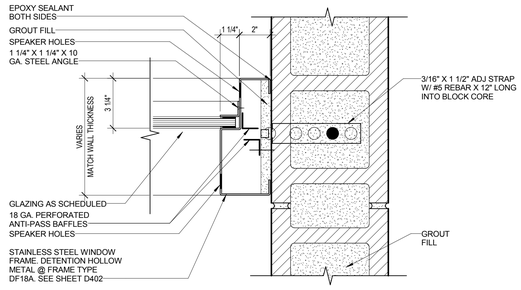
10 WINDOW HEAD DETAIL - SPEAKER FRAME
Scale: 3" = 1'-0"



11 TOOL RESISTANT BAR FRAME SECTION
Scale: 3" = 1'-0"



12 WINDOW HEAD DETAIL - SPEAKER FRAME
Scale: 3" = 1'-0"



13 WINDOW JAMB DETAIL - SPEAKER FRAME
Scale: 3" = 1'-0"

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SEAL

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SCALE

As indicated

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DETENTION DETAILS

PSA-DEWBERRY PROJECT NO.	50061725
DPSCS CONTRACT NO.	KT-000-150-C01

D502

SHEET NO.