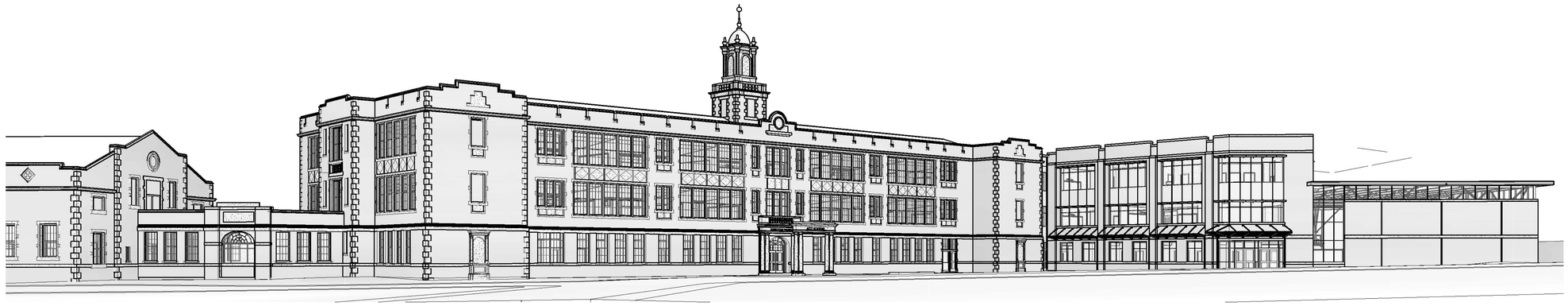
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

VOLUME 1



CONSTRUCTION SET 7/28/16

Maryland Stadium Authority

City of Baltimore
Baltimore City Public Schools
Department of Facilities

GREAT KIDS GREAT SCHOOLS

NO.	NAME	REV
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C 103	DEMOLITION PLAN - FACET 2	
C 104	DEMOLITION PLAN - FACET 3	
C 105	GEOMETRY PLAN - FACET 1	
C 106	GEOMETRY PLAN - FACET 2	
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C 108	SITE PLAN - FACET 1	
C 109	SITE PLAN - FACET 2	
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A 001	GEN. NOTES, SYMBOLS, & ABBREV.	
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A 003	CODE PLAN	
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A 011	OVERALL DEMO PLANS - LEVELS 0 & 1	
A 013	OVERALL DEMO PLANS - LEVELS 2 & 3	
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A 022	DEMO PLANS - L1	
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A 025	DEMO PLAN - ATTIC	
A 026	DEMO PLANS - ROOF	
A 031	DEMO ELEVATIONS - BLDG B - SOUTH / WEST	
A 032	DEMO ELEVATIONS - BLDG B - NORTH / EAST	
A 033	DEMO ELEVATIONS - BLDG A	
A 101	OVERALL LEVEL 0 PLAN	1
A 102	OVERALL LEVEL 1 PLAN	
A 103	OVERALL LEVEL 2 PLAN	
A 104	OVERALL LEVEL 3 PLAN	
A 105	LAYOUT PLAN	6
A 111	BLDG A - LEVELS L0 & L1 FLOOR PLANS	5
A 112	BLDG A - LEVELS L2 & ROOF PLANS	
A 113	BLDG B & C - LEVEL L0 FLOOR PLANS	5
A 114	BLDG B - LEVEL L1 FLOOR PLAN	5
A 115	BLDG C - LEVEL L1 FLOOR PLAN	
A 116	BLDG B - LEVEL L2 FLOOR PLAN	5
A 117	BLDG C - LEVEL L2 FLOOR PLAN	
A 118	BLDG B - LEVEL L3 FLOOR PLAN	5
A 119	BLDG C - LEVEL L3 FLOOR PLAN	
A 120	BLDG B - ROOF PLAN	
A 121	BLDG C - ROOF PLAN	1
A 130	BLDG A - LEVELS L0 & L1 REFLECTED CEILING PLAN	
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A 137	BLDG B - LEVEL L3 REFLECTED CEILING PLAN	
A 138	BLDG C - LEVEL L3 REFLECTED CEILING PLAN	
A 201	BUILDING ELEVATIONS	1
A 202	BUILDING ELEVATIONS	
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A 204	BUILDING ELEVATIONS	
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A 402	WALL SECTIONS BLDG B ADDITION	
A 403	WALL SECTIONS BLDG C	
A 404	WALL SECTIONS BLDG C	
A 405	WALL SECTIONS BLDG C	
A 406	WALL SECTIONS BLDG C	
A 407	WALL SECTIONS BLDG B & C INTERIOR	1
A 411	EXTERIOR SECTION DETAILS	
A 412	EXTERIOR SECTION DETAILS	5
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A 430	INTERIOR DETAILS - CORRIDORS	1
A 431	INTERIOR DETAILS - MISC	
A 440	CASEWORK SCHEDULE, DETAILS, SIGNAGE	2
A 441	CASEWORK DETAILS	
A 442	CASEWORK & MEDIA CENTER DETAILS	1
A 501	STAIR A1 & A2	1
A 502	STAIR B2 AND MISC STAIRS	4
A 503	STAIRS B3 & C1	
A 504	MAIN ENTRY LOBBY	
A 506	COLLABORATION LEARNING STAIR	1
A 507	COLLABORATION LEARNING STAIR	
A 508	COLLABORATION LEARNING STAIR	5
A 510	ELEVATORS, LADDERS	1
A 511	GREENHOUSES	2
A 512	CANOPIES	
A 521	INT ELEV - L0 B - CORRIDORS	
A 522	INT ELEV - L1 B - CORRIDORS	
A 523	INT ELEV - L2 B CORRIDORS	
A 524	INT ELEV - L3 B - CORRIDORS	
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A 526	INT ELEV - L2 C - CORRIDORS	
A 527	INT ELEV - L3 C - CORRIDORS	
A 530	PLAN / ELEV - TOILET RMS	1
A 531	PLAN / ELEV - TOILET RMS	
A 532	PLAN / ELEV - LOCKER ROOMS	
A 536	PLAN / ELEV - CLASSRM TYPES 1. 2 &3	
A 537	PLAN / ELEV - CLASSRM TYPES 4, 5, 7, 8	
A 538	PLAN / ELEV - CLASSRM TYPES 9, 10. 11. 12	
A 539	PLAN / ELEV - LVL 0 - BLDG B NORTH ADDITION	
A 540	PLAN / ELEV - L0 BLDG B NORTH ADDITION	
A 541	PLAN / ELEV - L0 - BLDG A	
A 542	PLAN / ELEV - L1A - CTE AREA	1
A 543	PLAN / ELEV - L1A - CTE AREA	
A 544	PLAN / ELEV / DETL - BLDG A	1
A 545	PLAN / ELEV - L2B - CHEMISTRY, BIOLOGY	
A 546	PLAN / ELEV - PHYSICS, BIOLOGY	1
A 548	PLAN / ELEV - ENV SCIENCE / FOT	
A 549	PLAN / ELEV - ART ROOMS	

NO.	NAME	REV
A 550	PLAN / ELEV - MUSIC ROOMS	
A 551	PLAN / ELEV - THEATER / DANCE	1
A 552	PLAN / ELEV - MEDIA CENTER	
A 553	PLAN / ELEV - COLLAB, PLANNING	1
A 554	PLAN - GYMNASIUM	
A 555	INT ELEV - GYMNASIUM	
A 556	PLAN / ELEV - L1 ADMINISTRATION	4
A 557	PLAN / ELEV - ADMIN SUPPORT & FLEX	
A 558	PLAN / ELEV- LVL 1 OFFICES	
A 601	ROOM FINISH SCHEDULE	3
A 602	DOOR SCHEDULE, FRAMES, DETAILS	5
A 603	WINDOW SCHEDULE	3
A 604	WINDOW DETAILS	1
A 605	EXT CURTAIN WALL TYPE ELEVATIONS	
A 606	ALUMINUM STOREFRONT TYPE ELEVATIONS	3
A 607	GLAZING TYPE ELEVATIONS	
A 608	GLAZING TYPE ELEVATIONS	
A 609	GLAZING TYPE ELEVATIONS	
A 701	LEVEL 0 FINISH FLOOR PLAN	
A 702	LEVEL 1 FINISH FLOOR PLAN	
A 703	LEVEL 2 FINISH FLOOR PLAN	
A 704	LEVEL 3 FINISH FLOOR PLAN	

NO.	NAME	REV
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S-002	TYPICAL CONCRETE DETAILS	
S-003	TYPICAL STEEL DETAILS	
S-004	TYPICAL CMU DETAILS	
S-010	STRUCTURAL SITE PLAN	
S-011	STRUCTURAL SITE DETAILS	
S-101	PILE PLAN	
S-111	FNDN A, LEVEL 1A	1
S-112	LEVEL 2A, ROOF A	
S-113	FNDN B, C	1
S-114	LEVEL 1B	1
S-115	LEVEL 1C	1
S-116	LEVEL 2B	1
S-117	LEVEL 2C	1
S-118	LEVEL 3B	1
S-119	LEVEL 3C & R2	1
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S-202	BLDG C FRAME ELEVATIONS	
S-203	BLDG C FRAME ELEVATIONS	
S-204	FRAME DETAILS	
S-211	TRUSS ELEVATION AND DETAILS	
S-221	LEARNING STAIR SECTION	

NO.	NAME	REV
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S-232	CMU WALL ELEVATIONS	
S-301	COLUMN SCHEDULE	
S-401	FOUNDATION DETAILS	
S-402	FOUNDATION DETAILS	
S-501	SUPERSTRUCTURE DETAILS	
S-502	SUPERSTRUCTURE DETAILS	
S-503	SUPERSTRUCTURE DETAILS	
S-504	SUPERSTRUCTURE DETAILS	
SK-M1	SCHEDULES - MECHANICAL	1
SK-M2	DETAILS - MECHANICAL	1

PROJECT LOCATION

VICINITY MAP N

ROBERT POOLE BUILDING

SITE MAP N

Additions & Renovations at Robert Poole Building #056

VOLUME 1

JRS ARCHITECTS
2010 Clipper Park Rd, Suite 101
Baltimore, MD 21211
410.235.7256

BALTIMORE CITY PUBLIC SCHOOLS
BOARD OF SCHOOL COMMISSIONERS
200 E. NORTH AVENUE, BALTIMORE, MD 21202

? ? ?

DATE: 3/31/16
COVER VOL 1
SHEET NUMBER
DRAWING NO. A 000.1

7/29/2016 10:10:38 AM

CIVIL SHEET INDEX

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C-1.01A	GENERAL NOTES
C-1.02	DEMOLITION PLAN - FACET 1
C-1.03	DEMOLITION PLAN - FACET 2
C-1.04	DEMOLITION PLAN - FACET 3
C-1.05	GEOMETRY PLAN - FACET 1
C-1.06	GEOMETRY PLAN - FACET 2
C-1.07	GEOMETRY PLAN - FACET 3
C-1.08	SITE PLAN - FACET 1
C-1.09	SITE PLAN - FACET 2
C-1.10	SITE PLAN - FACET 3
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C-1.33	GRADING PLAN - FACET 3
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C-1.41	PHASE B SEDIMENT AND EROSION CONTROL PLAN
C-1.50	STORMWATER MANAGEMENT PLAN
C-1.51	STORMWATER MANAGEMENT NOTES & DETAILS
C-1.52	STORMWATER MANAGEMENT DETAILS
C-1.53	STORMWATER MANAGEMENT DETAILS
C-2.01	UTILITY PROFILES
C-2.02	UTILITY PROFILES
C-2.03	UTILITY PROFILES
C-2.04	UTILITY PROFILES AND DETAILS
C-5.01	SITE DETAILS
C-5.02	SITE DETAILS
C-5.03	SEDIMENT AND EROSION CONTROL NOTES
C-5.04	SEDIMENT AND EROSION CONTROL NOTES
C-5.05	SEDIMENT AND EROSION CONTROL DETAILS
C-5.06	SEDIMENT AND EROSION CONTROL DETAILS
C-7.01	STORMWATER MANAGEMENT EXISTING DRAINAGE AREA MAP
C-7.02	STORMWATER MANAGEMENT PROPOSED DRAINAGE AREA MAP
C-8.01	SEDIMENT AND EROSION CONTROL EXISTING DRAINAGE AREA MAP
C-8.02	SEDIMENT AND EROSION CONTROL PROPOSED DRAINAGE AREA MAP

SITE NOTES:

1. OWNER/DEVELOPER: THE MAYOR & CITY COUNCIL OF BALTIMORE AND, MARYLAND STADIUM AUTHORITY 351 WEST CAMDEN STREET , SUITE 500 BALTIMORE, MD 21201
2. SITE INFORMATION: 1300 W. 36TH STREET BALTIMORE, MARYLAND 21211 WARD 13 SECTION 3 BLOCK 3542 LOT 6

   OWNER/DEED REFERENCE: THE MAYOR & CITY COUNCIL OF BALTIMORE DEED LIBER SCL 3848, FOLIO 193 DATED: APRIL 13, 1922

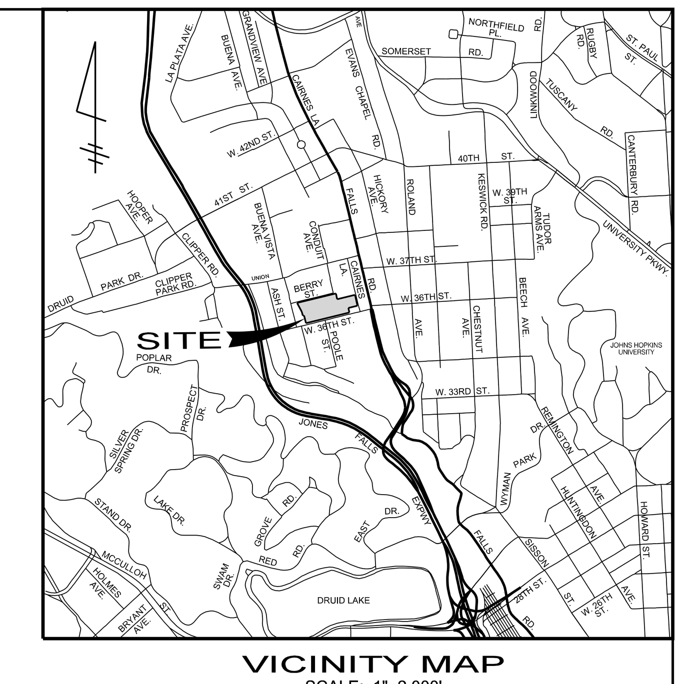
   SEE ALSO: ORDINANCE NO. 1777, APPROVED ON JANUARY 26, 1959 FOR THE CLOSING & CONDEMNATION OF A PORTION OF CONDUIT AVENUE ALSO AS CITED IN AN AGREEMENT BY AND BETWEEN THE MAYOR & CITY COUNCIL OF BALTIMORE AND THE HAMPDEN TRANSFER & STORAGE COMPANY, DATED AUGUST 1, 1958.
3. SITE AREA: AREA= 266,289 SF+/- OR 6.1132 AC. +/-
4. ZONING: EXISTING: R-7 GENERAL RESIDENCE DISTRICT PROPOSED: R-7 (NO CHANGE) SCHOOL IS A PERMITTED USE
5. EXISTING USE: ROBERT POOLE MIDDLE SCHOOL

   PROPOSED USE: RENOVATION AND EXPANSION OF ROBERT POOLE MIDDLE SCHOOL
6. URBAN RENEWAL: THE SITE IS NOT LOCATED WITHIN ANY URBAN RENEWAL PLAN AREA
7. HISTORIC DESIGNATION: THE SITE IS LOCATED WITHIN THE HAMPDEN NATIONAL REGISTER HISTORIC DISTRICT (12/29/2004); IT IS NOT LOCATED WITHIN A LOCAL COMMISSION FOR HISTORICAL AND ARCHITECTURAL PRESERVATION DISTRICT.
8. FLOODPLAIN: THIS SITE IS NOT LOCATED WITHIN A REGULATED FEMA FLOODPLAIN.
9. CRITICAL AREA: THIS SITE IS NOT LOCATED WITHIN THE CHESAPEAKE BAY CRITICAL AREA.
10. FOREST CONSERVATION: SITE DISTURBANCE FOR THIS PROJECT WILL BE GREATER THAN 20,000 SQUARE FEET, TRIGGERING FOREST CONSERVATION REQUIREMENTS. PLANTING REQUIREMENTS WILL BE MET BY PLANTING 2" MINIMUM CALIPER TREES AND PROVIDING OTHER PLANTING AREAS. OFF-SITE PLANTING MITIGATION MAY BE REQUIRED. SEE PLANTING CALCULATIONS BELOW.

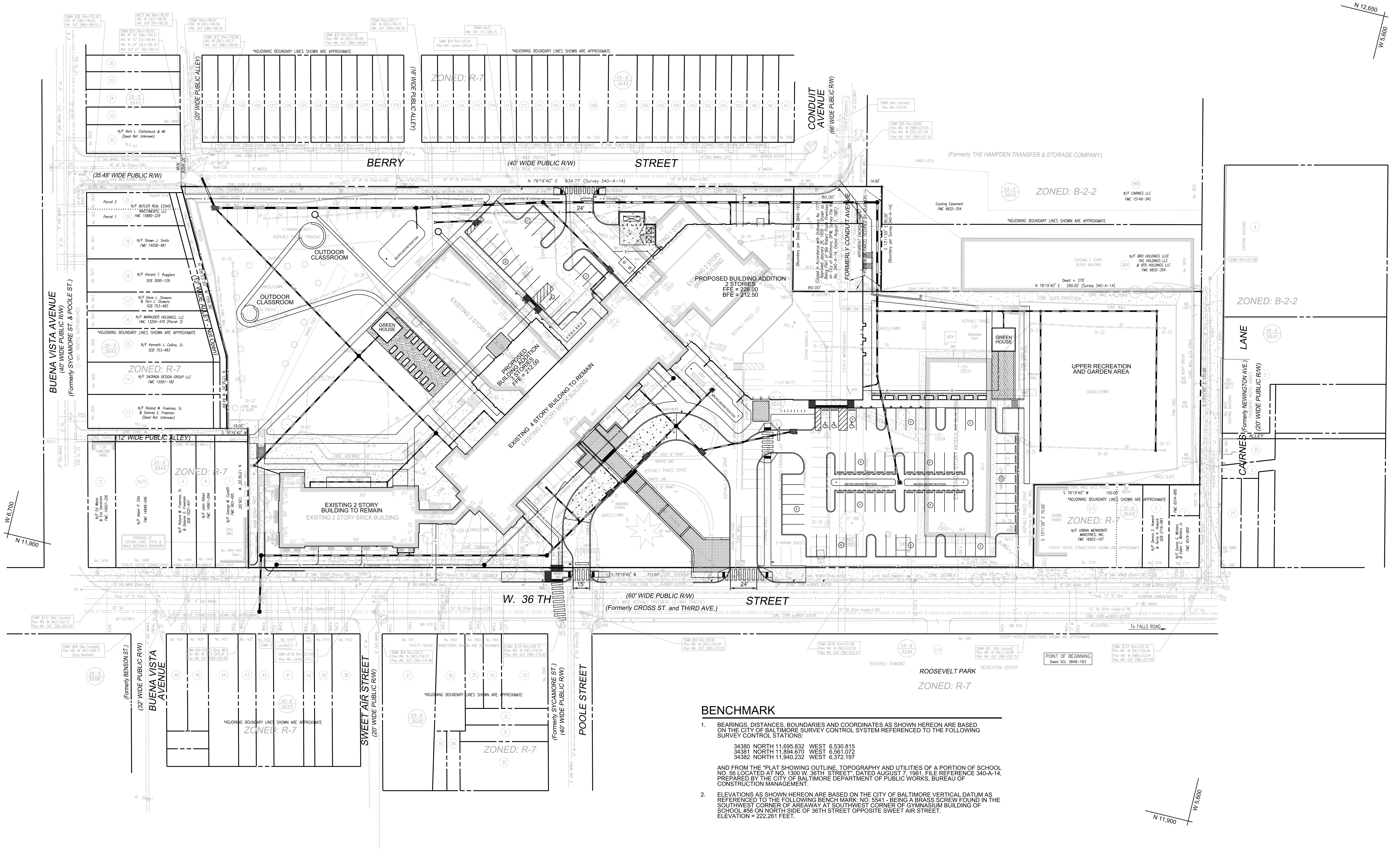
    SITE AREA: 266,289 SF
    LESS BUILDING FOOTPRINT TO REMAIN: - 24,397 SF
    AREA OF DISTURBANCE = 243,500 SF = 5.59 AC

    15% AFFORESTATION = 0.15 x 5.55 AC = 0.83 AC
    100 TREES/AC = 100 x 0.83 = 83 TREES 2" CALIPER MINIMUM.

    PROPOSED: A LANDSCAPE PLAN MEETING THE MINIMUM REQUIREMENTS FOR FOREST CONSERVATION WILL BE PROVIDED.
11. STORMWATER MANAGEMENT: THIS SITE QUALIFIES AS A REDEVELOPMENT PROJECT. MICRO-BIORETENTION FACILITIES AND IMPERVIOUS AREA REDUCTIONS ARE PROPOSED TO MEET WATER QUALITY AND QUANTITY REQUIREMENTS.
12. BASE INFORMATION: BASE INFORMATION IS TAKEN FROM AN ALTA LAND TITLE SURVEY , PREPARED BY HANOVER LAND SERVICES, INC, DATED 5/14/15. SURROUNDING CONTEXT IS TAKEN FROM BALTIMORE CITY GIS. CONTRACTOR TO VERIFY TO HIS/HER SATISFACTION PRIOR TO CONSTRUCTION.
13. TYPE OF CONSTRUCTION: IIB
14. PARKING REQUIREMENTS: 4 HANDICAP SPACES, 5 LEV, 5 COMMUTER AND 76 REGULAR SPACES
15. CONTACT INFORMATION: STV INCORPORATED 7125 AMBASSADOR ROAD, SUITE 200 BALTIMORE, MARYLAND 21244 ATTN: LAURENT MOUNAUD, PE ATTN: BRYAN BOKEY, PE PH: 410.944.9112



VICINITY MAP
SCALE: 1"=2,000'



BENCHMARK

1. BEARINGS, DISTANCES, BOUNDARIES AND COORDINATES AS SHOWN HEREON ARE BASED ON THE CITY OF BALTIMORE SURVEY CONTROL SYSTEM REFERENCED TO THE FOLLOWING SURVEY CONTROL STATIONS:

   34380 NORTH 11,695.832 WEST 6,530.815
   34381 NORTH 11,894.670 WEST 6,561.072
   34382 NORTH 11,940.232 WEST 6,372.197

   AND FROM THE "PLAT SHOWING OUTLINE, TOPOGRAPHY AND UTILITIES OF A PORTION OF SCHOOL NO. 56 LOCATED AT NO. 1300 W. 36TH STREET", DATED AUGUST 7, 1981, FILE REFERENCE 340-A-14, PREPARED BY THE CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS, BUREAU OF CONSTRUCTION MANAGEMENT.
2. ELEVATIONS AS SHOWN HEREON ARE BASED ON THE CITY OF BALTIMORE VERTICAL DATUM AS REFERENCED TO THE FOLLOWING BENCH MARK: NO. 5541 - BEING A BRASS SCREW FOUND IN THE SOUTHWEST CORNER OF AREAWAY AT SOUTHWEST CORNER OF GYMNASIUM BUILDING OF SCHOOL #56 ON NORTH SIDE OF 36TH STREET OPPOSITE SWEET AIR STREET. ELEVATION = 222.261 FEET.

1"=40'   40' 0 40' 80'

JRS ARCHITECTS
2010 Clipper Park Rd.
Suite 101
Baltimore, MD 21211
410.235.7256

ASSOCIATE ARCHITECT
SCHRADER GROUP ARCHITECTURE LLC
161 LEVERINGTON AVE, SUITE 105
PHILADELPHIA, PA 19127

LANDSCAPE ARCHITECT
MAHAN RYKIEL ASSOCIATES
800 WYMAN PARK DR, SUITE 100
BALTIMORE, MD 21211

CIVIL ENGINEER
STV, INCORPORATED
7125 AMBASSADOR RD, SUITE 200
BALTIMORE, MD 21244

STRUCTURAL ENGINEER
ALBRECHT ENGINEERING
3500 BOSTON ST, SUITE 329
BALTIMORE, MD 21224

MEP ENGINEER
BRINJAC ENGINEERING
1800 N. CHARLES ST, SUITE 310
BALTIMORE, MD 21201

FOOD SERVICE
NYIKOS ASSOCIATES
18219A FLOWER HILL WAY
GAITHERSBURG, MD 20879

AV/IT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

7/27/2016 3:47:02 PM chena

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 36749 EXPIRATION DATE: JANUARY 21, 2017.

No.	DATE	DESCRIPTION

PROJECT No.: 3017479
DATE: 03/31/16
SCALE: 1" = 40'
DRAWING NAME
Overall Site Plan

C - 1.01

I:\Projects\3017479\3017479_0001\90_CAD Models and Sheets\04_C_Civil\Construction Documents\C-101-ROB.dgn

SANITARY NOTES:

1. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF BALTIMORE, DEPARTMENT OF PUBLIC WORKS, "SPECIFICATIONS FOR MATERIALS, HIGHWAYS, BRIDGES, UTILITIES AND INCIDENTAL STRUCTURES" (STANDARD SPECIFICATION) AND CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS.
2. EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ARE FOR THE CONVENIENCE OF THE CONTRACTOR AND ARE NOT WARRANTED OR GUARANTEED BY THE CITY OR THE ENGINEER TO BE COMPLETE OR CORRECT. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS OWN SATISFACTION.
3. BEFORE DOING ANY DIGGING NOTIFY THE FOLLOWING:
   - "MISS UTILITY" AT 1-800-257-7777 (NOTIFY 3 DAYS PRIOR TO WORK).
   - DEPT. OF TRANSPORTATION, STREET LIGHTING SECTION AT 410-396-4446 (NOTIFY 2 WEEKS PRIOR TO WORK).
   - DEPT. OF TRANSPORTATION. CONDUIT SECTION AT 410-396-1515 (NOTIFY 15 DAYS PRIOR TO WORK).
   - VERIZON AT 800-837-4966 (NOTIFY 3 DAYS PRIOR TO WORK).
4. ALL CHANNELS IN MANHOLES MUST BE CONSTRUCTED TO CONFORM AS CLOSE AS POSSIBLE TO THE STANDARD CALLED FOR IN THE PROFILES.
5. GRAVEL CRADLE IS REQUIRED UNDER ALL PIPES. TRENCHING AND BACKFILL SHALL BE DONE IN ACCORDANCE WITH CITY SPECIFICATION SECTION 31 23 33.
6. ALL BACKFILL SHALL BE MECHANICALLY TAMPED.
7. ROADWAY PAVING REPLACEMENT SHALL BE DONE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION SECTION 32 01 30.10.
8. ALL PVC PIPE SHALL CONFORM TO ASTM D3034 SDR 35 FOR PVC COMPOUNDS. JOINTS FOR SDR 35 PVC PIPE SHALL BE THE PUSH-ON RUBBER GASKET TYPE IN ACCORDANCE WITH ASTM D-3212.
9. SANITARY SEWER CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY SHALL ALSO REQUIRE A PERMIT AND PLAN ISSUED BY THE BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS, WATER AND WASTEWATER ENGINEERING DIVISION, 1ST FLOOR, ABEL WOLMAN MUNICIPAL BUILDING.
10. EXISTING SANITARY SEWER FLOWS AND ALL OTHER UTILITY SERVICES MUST BE MAINTAINED AT ALL TIMES.
11. THE DEPARTMENT OF TRANSPORTATION MAINTENANCE DIVISION, MAINTAINS STREET LIGHT POLES AND BGE MAINTAINS STREET LIGHT CABLES IN WEST 36TH STREET. THIS LIGHTING SYSTEM MUST BE MAINTAINED AT ALL TIMES. CALL 410-396-5965, IF THESE ITEMS WILL BE DISTURBED.
12. ALL SANITARY FLOWS GO TO BACK RIVER WASTERWATER TREATMENT PLANT.
13. THE FOLLOWING TEST AND SUBMITTALS MUST BE MADE PRIOR TO FINAL ACCEPTANCE OF THE NEW SANITARY SEWER.
    A. ALL NEW SANITARY SEWERS AND HOUSE CONNECTIONS SHALL BE TESTED IN ACCORDANCE WITH SECTION 33 31 00 "FIELD TEST" OF THE STANDARD SPECIFICATION.
    B. THE CONTRACTOR SHALL VIDEO INSPECT THE NEW SANITARY SEWER IN ACCORDANCE WITH SECTION 33 31 13.01 PART 2 "PRODUCTS" 2.4 OF THE STANDARD SPECIFICATION AND SUBMIT A DVD/CD OF THE VIDEO INSPECTION TO THE WASTEWATER ENGINEERING OFFICE.
    C. PROVIDE AS-BUILT DRAWINGS IN ACCORDANCE TO THE PROCEDURES PROVIDED BY THE WASTEWATER ENGINEERING OFFICE.
    D. PROVIDE AS-BUILT LOCATION OF NEW HOUSE CONNECTIONS IN ACCORDANCE TO STANDARD DETAIL B.C. 830.19.
    E. VERIFY PIPE DEFLECTION LIMIT FOR PVC PIPE OF 7.5% USING A GO/NO-GO GAGE WITH A MANDREL DIMENSION AS SPECIFIED IN ASTM D3034.

GENERAL CONSTRUCTION NOTES:

1. ALL WORK SHOWN ON THESE DRAWINGS IS CONSIDERED NEW UNLESS INDICATED OTHERWISE.
2. DEFINITIONS:
   A. "INSTALL" MEANS OTHERS WILL FURNISH EQUIPMENT OR MATERIALS WHICH CONTRACTOR SHALL INSTALL.
   B. "FURNISH" MEANS CONTRACTOR SHALL ONLY FURNISH EQUIPMENT OR MATERIALS WHICH OTHERS WILL INSTALL.
   C. "PROVIDE" MEANS THE CONTRACTOR SHALL FURNISH AND INSTALL EQUIPMENT AND MATERIALS.
   D. "PROPOSED" MEANS FUTURE WORK BY OTHERS OR WORK NOT IN CONTRACT.

   THE ABOVE DEFINITIONS DO NOT APPLY TO LANGUAGE CONTAINED IN STANDARD DETAILS, NOTES, OR SPECIFICATIONS THAT APPEAR ON THE CONTRACT DRAWINGS, ARE REFERENCED ON THE CONTRACT DRAWINGS OR HAVE BEEN SUPPLIED BY GOVERNING REGULATORY AGENCIES (I.E. MDE, SHA, ETC.)
3. ALL CONSTRUCTION SHALL CONFORM TO THE BUILDING CODE OF BALTIMORE CITY.
4. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE PLANS, THE SPECIFICATIONS WHICH ARE INCLUDED AS PART OF THIS CONTRACT, THE CITY OF BALTIMORE'S "BOOK OF STANDARDS" AND "SPECIFICATIONS FOR MATERIALS, HIGHWAYS, BRIDGES, UTILITIES AND INCIDENTAL STRUCTURES DATED 2006" AND THE BALTIMORE CITY BUILDING CODE. ALL DETAILS REFERENCED BUT NOT SHOWN ON THESE PLANS ARE IN REFERENCE TO THE CITY OF BALTIMORE, DEPARTMENT OF PUBLIC WORKS "BOOK OF STANDARDS" AND DEPARTMENT OF TRANSPORTATION "BOOK OF STANDARDS."
5. REFER TO ARCHITECTURE DRAWINGS FOR BUILDING DIMENSIONS.
6. ANY QUANTITIES SHOWN HEREON ARE PROVIDED FOR THE REVIEWING AUTHORITIES USE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES TO THEIR OWN SATISFACTION PRIOR TO BIDDING THE WORK.
7. ANY DAMAGE TO OFF-SITE RIGHTS-OF-WAY, PUBLIC ROADS, OR ADJACENT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
8. THE CONTRACTOR SHALL MAINTAIN A TWO-FOOT MINIMUM BENCH BEHIND ALL PROPOSED CURB AND GUTTER IN ALL FILL AREAS.
9. ALL NEW PAVING AND CURB AND GUTTER SHALL MEET EXISTING PAVING AND EXISTING CURB AND GUTTER FOR LINE, GRADE AND STYLE. PROVIDE SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK.
10. A GEOTECHNICAL REPORT HAS BEEN PREPARED AND IS AVAILABLE FOR REVIEW IN THE ENGINEER'S OFFICE. HOWEVER, THE CONTRACTOR SHALL USE ANY INFORMATION IN THE REPORT AT HIS OWN RISK. FILL MATERIAL SHALL ONLY CONSIST OF SUITABLE MATERIAL AS DEFINED IN THE GEOTECHNICAL REPORT.
11. PATCH EXISTING PAVEMENT AT ALL UTILITY CUTS TO MATCH EXISTING PAVEMENT IN ACCORDANCE WITH BALTIMORE CITY STANDARD DETAILS.
12. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE IN GRASS AND PAVED AREAS DURING ALL PHASES OF CONSTRUCTION AND IN FINISHED GRADES.
13. UNLESS OTHERWISE NOTED, THE FINISHED GRADE WITHIN 10 FEET OF ANY BUILDING FOUNDATION SHALL SLOPE AWAY FROM THE BUILDING FOUNDATION AT A MINIMUM SLOPE OF 2%. ALL AREAS REQUIRING ADA ACCESSIBILITY SHALL MEET THE LATEST ADA STANDARDS.
14. EXISTING ON-SITE CONDITIONS SHOWN ARE IN ACCORDANCE WITH AN ALTA LAND TITLE SURVEY CONDUCTED BY ANOVER LAND SERVICES, INC. ON MAY 14, 2015 AND SUPPLEMENTED WITH BALTIMORE CITY GIS. HOWEVER, STV INCORPORATED MAKES NO GUARANTEE THAT THE INFORMATION IS COMPREHENSIVE OR AS IT PRESENTLY EXISTS. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE EXISTING CONDITIONS TO HIS SATISFACTION PRIOR TO BEGINNING CONSTRUCTION.
15. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 THREE (3) WORKING DAYS PRIOR TO STARTING WORK. THE CONTRACTOR SHALL NOTIFY BALTIMORE CITY STREET LIGHTING MAINTENANCE AT 410-396-4446 AND THE CONDUIT SECTION AT 410-396-1515, 15 DAYS PRIOR TO STARTING WORK. THE WATER MANAGEMENT ADMINISTRATION (WMA) AT MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) SHALL BE NOTIFIED AT 410-537-3510 A MINIMUM OF SEVEN (7) WORKING DAYS PRIOR TO ANY EARTH DISTURBANCE TO SET UP A PRE-CONSTRUCTION MEETING.
16. UTILITIES AND OTHER OBSTRUCTIONS AS SHOWN HEREON HAVE BEEN LOCATED BY ACTUAL FIELD MEASUREMENTS SUPPLEMENTED BY INFORMATION OBTAINED FROM THE VARIOUS AGENCIES INVOLVED. HOWEVER, STV INCORPORATED DOES NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF THE INFORMATION RECEIVED. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION AND MUST NOTIFY THE UTILITY COMPANIES INVOLVED PRIOR TO THE START OF WORK.
17. ALL WATER MAINS SHALL HAVE A STANDARD MINIMUM COVER OF 4 FEET UNLESS NOTED AND SHOWN ON PROFILE OTHERWISE; AND WITH A MINIMUM OF 1 FOOT CLEARANCE OF OTHER UTILITIES UNLESS NOTED AND SHOWN ON PROFILE OTHERWISE.
18. CONTRACTOR SHALL FURNISH THE OWNER A LETTER CERTIFYING THAT ALL WATER LINES HAVE BEEN STERILIZED BY METHODS OUTLINED BY THE LOCAL PLUMBING CODE.
19. CONTRACTOR SHALL FURNISH THE OWNER A LETTER CERTIFYING THAT PRESSURE TESTS HAVE BEEN SATISFACTORILY MADE AND A LETTER FROM THE LOCAL FIRE DEPARTMENT INDICATING THAT THE PRESSURE TEST FOR FIRE LINES HAVE BEEN SATISFACTORILY COMPLETED.
20. AT ALL WATER OVER SANITARY SEWER CROSSINGS THE MINIMUM CLEAR DISTANCE SHALL BE 12 INCHES.
21. ALL OF THE LOCAL AUTHORITIES STANDARD SPECIFICATIONS ON MINIMUM COVER, BUTTRESSES, ANCHORS, AND OTHER APPROPRIATE LOCAL CONSTRUCTION STANDARDS AND REQUIREMENTS FOR STERILIZING AND PRESSURE TESTING OF THE WATER SYSTEM SHALL APPLY.
22. ALL UTILITIES IN PAVED AREAS SHALL HAVE FULL TRENCH COMPACTION.
23. ALL SANITARY SEWER LINES LEAVING A BUILDING SHALL HAVE A MINIMUM COVER OF 30 INCHES BELOW PROPOSED GRADES.
24. ANY NEW UTILITIES TO BE INSTALLED THROUGH EXISTING ITEMS TO REMAIN MUST BE PATCHED TO EQUAL THE EXISTING CONDITIONS IN ACCORDANCE WITH THE SPECIFICATIONS.
25. PROPOSED ROOF DRAINS SHALL HAVE A MINIMUM SLOPE OF 2%, UNLESS OTHERWISE NOTED.
26. STRIPPING/EXCAVATION OPERATIONS BY THE CONTRACTOR WILL INCLUDE THE FOLLOWING:
    A. REMOVE DEBRIS AND WASTE FROM THE SITE.
    B. EXISTING STRUCTURAL FEATURES SHALL BE ENTIRELY REMOVED FROM WITHIN THE PROPOSED BUILDING FOOTPRINT AND EXTENDED 10 FEET BEYOND.
    C. EXISTING SLABS, FOOTINGS OR PAVEMENT SHALL BE REMOVED AS REQUIRED IN ORDER TO PLACE A MINIMUM 12" THICK COMPACTED SOIL CUSHION OR GRANULAR SUBBASE BETWEEN THE BOTTOM OF THE NEW PAVEMENT AND TOP OF THE EXISTING FEATURE AND AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
27. THIS DOCUMENT INCLUDES INFORMATION AND DEPICTIONS OF BALTIMORE GAS AND ELECTRIC COMPANY'S ("BGE") ELECTRIC AND/OR GAS UTILITIES LOCATED WITHIN THE PROJECT AREA (THE "BGE UTILITY INFORMATION"). LOCATIONS, DIMENSIONS, DEPTHS, AND OTHER DETAILS OF ANY SUCH UTILITIES MAY NOT BE AS-BUILT, AND THE INFORMATION SHALL NOT BE RELIED UPON WITHOUT FIELD VERIFICATION. EXCAVATORS MUST EMPLOY SAFE DIGGING BEST PRACTICES WHEN APPROACHING BGE ELECTRIC AND GAS UTILITIES AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, INCLUDING, BUT NOT LIMITED TO, THE "MISS UTILITY LAW". NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE BY BGE AS TO THE QUALITY, COMPLETENESS, OR ACCURACY OF THE BGE UTILITY INFORMATION, AND IN ACCEPTING THIS DOCUMENT, THE RECIPIENT EXPRESSLY ACKNOWLEDGES AND AGREES THAT IT IS NOT RELYING ON THE ACCURACY OF THE SAME.
28. THE CONTRACTOR SHALL COORDINATE WITH MARYLAND STADIUM AUTHORITY (MSA) AND CITY SCHOOLS FOR PROPER NOTIFICATION / COMMUNICATION WITH ADJACENT HOME OWNERS PRIOR TO COMMENCING WORK.

WATER NOTES:

1. THE CONTRACTOR MUST NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST FIVE (5) DAYS PRIOR BEGINNING WORK.
2. NOTIFY WATER AND WASTEWATER MAINTENANCE DIVISION (410) 977-1271 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 (410-396-4843). THE CONTRACTOR MUST RECEIVE WRITTEN NOTICE TO PROCEED FROM WATER AND WASTEWATER MAINTENANCE DIVISION OR THE PERMIT INSPECTION SECTION PRIOR TO PERFORMING ANY WORK.
3. ALL EXISTING WATER VALVES SHALL BE OPERATED BY WATER AND WASTEWATER MAINTENANCE DIVISION FORCES ONLY. NOTIFY MR. ANTHONY STEVENSON (410-396-7807) AT LEAST SEVEN (7) WORKING DAYS IN ADVANCE OF ANY NECESSARY VALVE OPERATIONS.
4. ALL WORK WITHIN THE PUBLIC RIGHT OF WAY SHALL BE DONE IN ACCORDANCE WITH THE CITY OF BALTIMORE SPECIFICATIONS FOR MATERIALS, HIGHWAYS, BRIDGES, UTILITIES AND INCIDENTAL STRUCTURES, LATEST EDITION.
5. THE CONTRACTOR SHALL OBSERVE EXTREME CAUTION WHEN WORKING NEAR OR OVER EXISTING WATER FACILITIES.
6. SERVICE MUST BE CAPPED AND THE COMPLETED SERVICES WILL BE VISUALLY INSPECTED FOR LEAKS.
7. ALL SERVICES TO BE ABANDONED MUST BE ABANDONED AT THE MAINS AND ALL METERS MUST BE RETURNED TO BALTIMORE CITY.
8. THE CONTRACTOR MUST VERIFY THROUGH THE UTILITY BILLING SECTION (410-396-5533) THE SERVICE ACCOUNT AND METER NUMBERS FOR ALL EXISTING WATER SERVICES TO REMAIN OR TO BE ABANDONED AND SHOWN ON THE PROPOSED PLANS.
9. CONTRACTOR MUST NOTIFY BGE (410-281-3507) AT LEAST TWO (2) DAYS PRIOR TO CONSTRUCTION.
10. DUCTILE IRON PIPE SHALL BE CLASS 54.
11. THE PROPOSED WATER SERVICE CONNECTION WILL BE INSTALLED A MINIMUM OF TEN (10) FEET FROM SANITARY SEWER HOUSE CONNECTION.
12. STANDARD BUTTRESSES FOR CAPS AND VERTICAL BENDS SHALL CONFORM CONFORM TO BALTIMORE CITY STANDARD DETAILS BC 861.01, BC 866.01 AND BC 867.01.
13. CONTRACTOR SHALL CONFIRM INVERT ELEVATIONS OF EXISTING WATER MAINS AND ALL UTILITY CROSSINGS PRIOR TO ANY NEW CONSTRUCTION.
14. WATER SERVICE ABANDONMENT WITHOUT ABANDONING THE WATER MAIN:
    A. AT WATER MAIN:
       A.) SMALLER THAN OR EQUAL TO 2", REMOVE CORPORATION, INSTALL CORPORATION PLUG.
       B.) LARGER THAN 2", REMOVE TEE AND VALVE, INSTALL SLEEVE AND SPACER.

       BACKFILL, COMPACT BACKFILL, INSTALL PAVING PER APPLICABLE BALTIMORE CITY DOT STANDARD DETAILS.
    B. AT WATER METER VAULT/PIT:

       REMOVE FRAME, COVER, AND WATER METER FROM THE VAULT/PIT, RETURN METER TO METER SHOP AND FRAME AND COVER TO WASHINGTON BOULEVARD YARD, AND REMOVE AND DISPOSE OF THE REMAINING INSIDE THE VAULT/PIT.

       A.) IF THE METER VAULT/PIT IS A SECTION VAULT, REMOVE TOP SECTION, BACKFILL, AND THEN COMPACT BACKFILL.
       B.) IF THE METER VAULT/PIT IS A PRECAST OR CAST IN PLACE VAULT/PIT, DRILL DRAINAGE HOLES AT BOTTOM OF SLAB. REMOVE TOP SLAB, BACKFILL, AND THEN COMPACT BACKFILL.

       REMOVE SURFACE PER APPLICABLE BALTIMORE CITY DOT STANDARD DETAILS, AND ANY OTHER SURFACE FEATURES TO RESTORE THE SITE.
    C. BETWEEN WATER MAIN AND WATER METER VAULT/PIT:

       A.) FOR WATER SERVICE SMALLER THAN OR EQUAL TO 2", LEAVE EXISTING SERVICE LINE IN PLACE.
       B.) FOR WATER SERVICE LARGER THAN 2", PLUG BOTH ENDS OF THE EXISTING WATER SERVICE LINE.

       BACKFILL, COMPACT BACKFILL, INSTALL PAVING PER APPLICABLE BALTIMORE CITY DOT STANDARD DETAILS.
15. ALL ABANDONED METER PITS SHALL BE BACKFILLED AND COVERED DURING ABANDONMENT; METER COVERS SHOULD BE RETURNED TO METER SHOP.
16. USE PRESSURE REDUCING VALVES FOR ALL SERVICES EXCEEDING 80 PSI.
17. DUCTILE IRON FITTINGS SHALL MEET THE LATEST AWWA C110/A21.10 AND C153/A21.51 (PRESSURE RATING SHALL BE 350 PSI).
18. THE CONTRACTOR SHALL INSTALL NON-DETECTABLE TAPE ON ALL RESTRAINED JOINT PIPE WHICH SHALL EXTEND 12" ON EACH SIDE OF THE RESTRAINED JOINT PIPE.

TRAFFIC ENGINEERING 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.
2. THE CONTRACTOR SHALL NOTIFY THE BALTIMORE TRANSPORTATION MANAGEMENT CENTER AT (443) 984-2189 AND dot.tmc@baltimorecity.com WHEN IMPLEMENTING ANY LANE CLOSURES, ROADWAY CLOSURES, OR DETOURS AS INDICATED IN AN APPROVED TRAFFIC CONTROL PLAN.
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 (FHWA) MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE MARYLAND STATE HIGHWAY ADMINISTRATION (SHA) WORK ZONE TRAFFIC CONTROL STANDARDS, AND THE CITY OF BALTIMORE BOOK OF STANDARDS.
5. IN ORDER TO WORK WITHIN 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 NORTH HOLIDAY STREET. TELEPHONE (410) 396-6865 OR (410) 396-4508. DURING THE PERMIT REVIEW PROCESS, THE CONTRACTOR MAY BE BILLED ADDITIONAL TRAFFIC INSPECTION FEES NOT RELATED TO ANY PREVIOUS COSTS.
6. ALL EXCAVATION AND TRENCHES SHALL BE STEEL PLATED AT THE END OF EACH WORK DAY AND "STEEL PLATES" WARNING SIGNS DISPLAYED IN ADVANCE.
7. NO WORK, LANE CLOSURES, OR DISRUPTIONS OF TRAFFIC ARE PERMITTED ON CITY ROADWAYS BETWEEN THE HOURS OF 6:00 AM TO 9:00 AM AND 3:00 PM TO 6:00 PM WEEKDAYS, EXCEPT WHERE NOTED ELSEWHERE IN THE CONTRACT DOCUMENTS. THE FULL ROADWAY WIDTH SHALL BE OPEN TO TRAFFIC AT THE END OF EACH WORKDAY.
8. THE CONTRACTOR SHALL MAINTAIN A MINIMUM FOUR -FOOT (4') WIDE PEDESTRIAN FOOTWAY OR IMPLEMENT AN APPROPRIATE PEDESTRIAN DETOUR WHILE ACTIVELY WORKING IN THE SIDEWALK IN ACCORDANCE WITH ADA GUIDELINES AND APPROPRIATE SHA AND CITY STANDARDS.
9. THE CONTRACTOR IS RESPONSIBLE FOR ANY SIGNING AND PAVEMENT MARKINGS DAMAGED OR DESTROYED DURING CONSTRUCTION, INCLUDING THOSE OUTSIDE THE PROJECT LIMITS.
10. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY TEMPORARY "NO STOPPING" PROHIBITION SIGNING THAT WILL BE NECESSARY TO COMPLETE THE PROJECT.
11. THE CONTRACTOR MUST MAINTAIN A MINIMUM OF ONE (1) ELEVEN-FOOT (11') LANE OF TRAFFIC IN EACH DIRECTION OF TRAVEL ON WEST 36TH STREET AND BERRY STREET AT ALL TIMES OR PROVIDE A TWO-PERSON FLAGGING OPERATION EQUIPPED WITH STOP/SLOW PADDLES. ANY PROPOSED ROADWAY CLOSURES/DETOURS SHALL BE COORDINATED WITH ADJACENT PROPERTY OWNERS AND APPROVED IN ADVANCE BY THE TRAFFIC DIVISION OF THE DEPARTMENT OF TRANSPORTATION, BALTIMORE CITY.

ROADWAY REPAIR NOTES

1. FLEXIBLE PAVEMENT REPAIRS IN WEST 36TH STREET AND BERRY STREET SHALL BE IN ACCORDANCE WITH BC 576.19-1 AND BC 576.19-2.
2. DISTURBED CURBS SHALL BE REPAIRED IN-KIND TO THE NEAREST JOINT.
3. SIDEWALKS SHALL BE REPAIRED JOINT-TO-JOINT WITH 5 INCHES OF MIX NO. 2 CONCRETE ON 3 INCHES OF CR-6.
4. ALL EXCAVATIONS AND TRENCHES SHALL BE STEEL PLATED AT THE END OF EACH WORKDAY AND "STEEL PLATES AHEAD" WARNING SIGNS DISPLAYED IN ADVANCE.
5. RESTORE GRASS AREAS WITH EITHER SEEDING AND MULCHING OR SOLID SODDING.

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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

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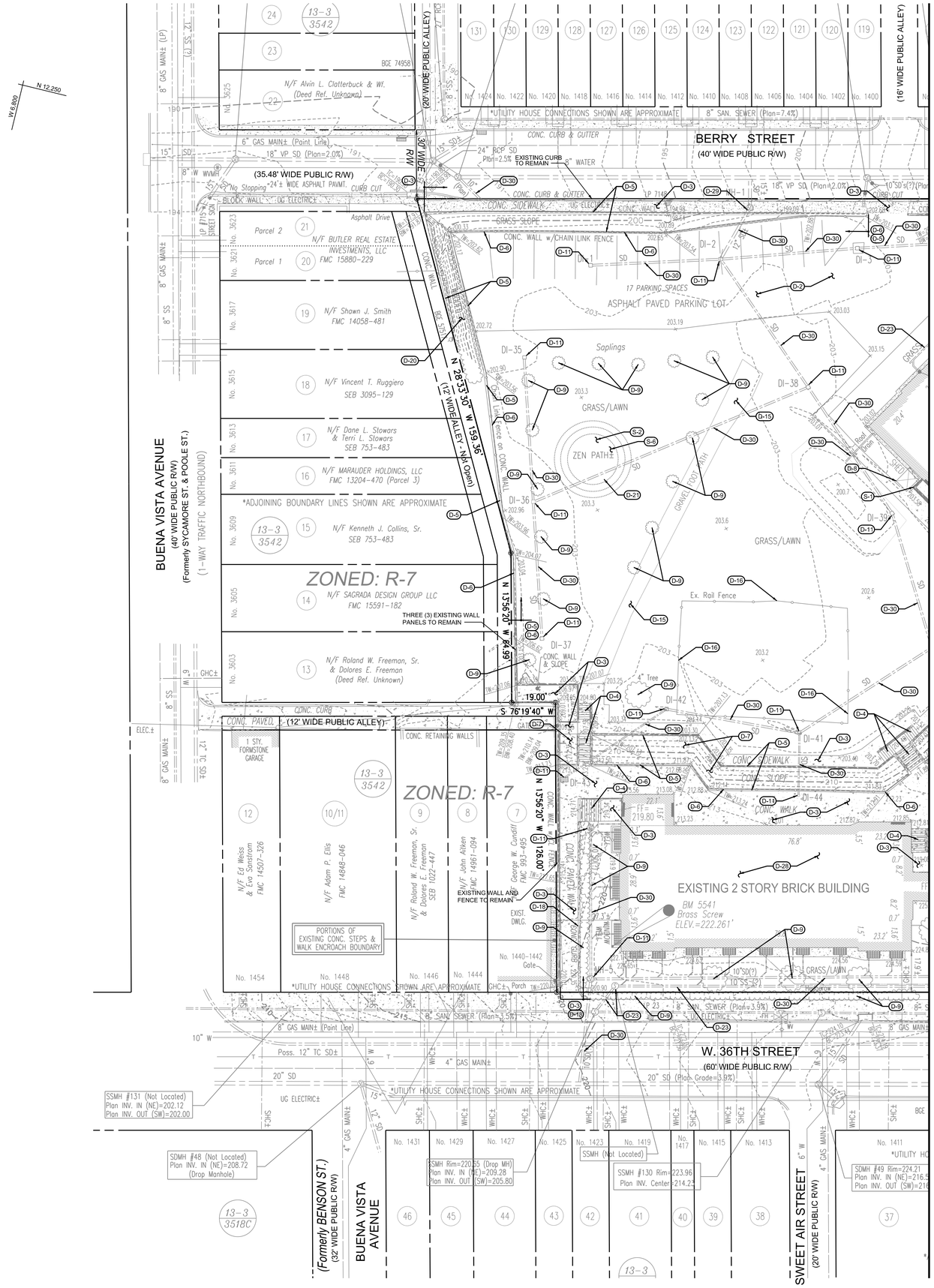
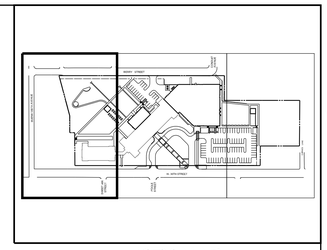
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 36749 EXPIRATION DATE: JANUARY 21, 2017.

No.	DATE	DESCRIPTION

PROJECT No.: 3017479
DATE: 03/31/16
SCALE: NOT TO SCALE
DRAWING NAME
General Notes

C - 1.01A





KEY MAP

GENERAL DEMOLITION NOTES

1. REFER TO ARCHITECTURAL PLANS FOR WINDOW WELL REMOVAL.
2. REFER TO PLUMBING PLANS FOR BUILDING DRAIN REMOVAL.
3. REFER TO PLUMBING PLANS FOR GAS SERVICE REMOVAL.
4. CONTRACTOR SHALL USE CAUTION WHEN WORKING OVER TOP THE ABANDONED WATER CONDUIT.

SALVAGE NOTES

S-1 REMOVE AND SALVAGE WALL CAPSTONES. REFER TO LANDSCAPE PLANS FOR DETAILS.

S-2 REMOVE AND SALVAGE STONE SETTS. REFER TO LANDSCAPE PLANS FOR DETAILS.

S-3 REMOVE AND SALVAGE EXISTING STORAGE CONTAINER. COORDINATE WITH MARYLAND STADIUM AUTHORITY AND CITY SCHOOLS FOR NEW LOCATION.

S-4 REMOVE AND SALVAGE EXISTING STORAGE PLAQUE. COORDINATE WITH MARYLAND STADIUM AUTHORITY AND CITY SCHOOLS FOR NEW LOCATION.

S-5 REMOVE AND SALVAGE EXISTING SIGN. REFER TO SITE PLAN FOR NEW LOCATION.

S-6 REMOVE AND SALVAGE MOSAIC TILES. REFER TO LANDSCAPE PLANS FOR DETAILS.

DEMOLITION NOTES

D-1 REMOVE EXISTING BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS AND ITEMS TO BE SALVAGED AND REUSED.

D-2 REMOVE EXISTING ASPHALT PAVING, INCLUDING SUBBASE.

D-3 REMOVE EXISTING CONCRETE SIDEWALK / PAD, INCLUDING SUBBASE.

D-4 REMOVE EXISTING CONCRETE STAIRS.

D-5 REMOVE EXISTING CONCRETE WALL, INCLUDING FOUNDATION AND FOOTING.

D-6 REMOVE EXISTING CHAIN LINK FENCE, POSTS AND FOUNDATIONS.

D-7 REMOVE EXISTING CONCRETE SLOPE PROTECTION.

D-8 REMOVE EXISTING SHED AND FOUNDATION.

D-9 REMOVE EXISTING TREE / SHRUB.

D-10 REMOVE EXISTING SIGN.

D-11 REMOVE EXISTING STORM DRAIN STRUCTURE.

D-12 REMOVE EXISTING UNDERGROUND STORAGE TANK. CONTRACTOR TO COMPLY WITH ALL REGULATORY REQUIREMENTS FOR TANK REMOVAL.

D-13 ABANDON EXISTING MONITORING WELL. CONTRACTOR TO COMPLY WITH ALL REGULATORY REQUIREMENTS FOR MONITORING WELL ABANDONMENT.

D-14 ABANDON EXISTING OVERHEAD ELECTRICAL SERVICE. CONTRACTOR TO COORDINATE WITH BALTIMORE GAS AND ELECTRIC.

D-15 REMOVE EXISTING GRAVEL PATH.

D-16 REMOVE EXISTING SPLIT RAIL FENCE.

D-17 REMOVE EXISTING BITUMINOUS WALK, INCLUDING SUBBASE.

D-18 REMOVE EXISTING CURB AND GUTTER, INCLUDING SUBBASE.

D-19 REMOVE EXISTING LANDSCAPE AREA.

D-20 REMOVE EXISTING WOODED AREA.

D-21 REMOVE EXISTING ZEN PATH, INCLUDING SUBBASE.

D-22 REMOVE EXISTING BASKETBALL HOOP, POST AND FOUNDATION.

D-23 REMOVE EXISTING SANITARY PIPE / MANHOLE.

D-24 REMOVE EXISTING DECK AND FOUNDATION.

D-25 ABANDON EXISTING WATER SERVICE. SEE WATER NOTES, SHEET C-1.01A AND EXISTING WATER SERVICE TABLE, SHEET C-2.04.

D-26 REMOVE EXISTING STEEL PLATE.

D-27 NOT USED.

D-28 EXISTING BUILDING TO REMAIN.

D-29 CONTRACTOR TO ABANDON MANHOLE PER BC 105.01.

D-30 REMOVE EXISTING STORM DRAIN PIPE AND BULKHEAD IN MANHOLE IF NOT TO BE REUSED.

D-31 REMOVE EXISTING 4" WATER SERVICE LINE AND 6" WATER SERVICE LINE FROM BUILDING TO THE WATER MATER VAULT..

D-32 REMOVE EXISTING BOLLARD.

D-33 REMOVE EXISTING ELECTRIC LINE AND HANDBOX.

D-34 REMOVED EXISTING UNDERGROUND UTILITY.

D-35 REMOVE EXISTING WATER LINE.

D-36 CONTRACTOR TO COORDINATE WITH COMCAST AND VERIZON FOR OVERHEAD WIRE REMOVAL AND RELOCATION.

LEGEND

GV	EXISTING GAS VALVE	E	EXISTING ELECTRIC MANHOLE
	EXISTING STORM DRAIN MANHOLE	W	EXISTING UTILITY MANHOLE
	EXISTING SAN. SEWER MANHOLE	GV	EXISTING GAS VALVE
WM	EXISTING WATER METER		EXISTING FLAG POLE
WV	EXISTING WATER VALVE	PM	EXISTING PARKING METER
	EXISTING FIRE HYDRANT		EXISTING UTILITY POLE
	EXISTING LIGHT POLE		EXISTING GUY WIRE
	EXISTING SIGN	T	EXISTING TELEPHONE LINE
	EXISTING CURBLINE		EXISTING GAS LINE
	EXISTING MISCELLANEOUS TREE		EXISTING ELECTRIC LINE
CO	EXISTING CLEANOUT		EXISTING SAN.SEWER LINE
	EXISTING INLET		EXISTING STORM DRAIN LINE
B	EXISTING BOLLARD		EXISTING WATER LINE
T	EXISTING TELEPHONE MANHOLE	203	EXISTING CONTOUR

1"=20' 20' 0 20' 40'

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: 1" = 20'

DRAWING NAME

Demolition Plan - Facet 1

C - 1.02

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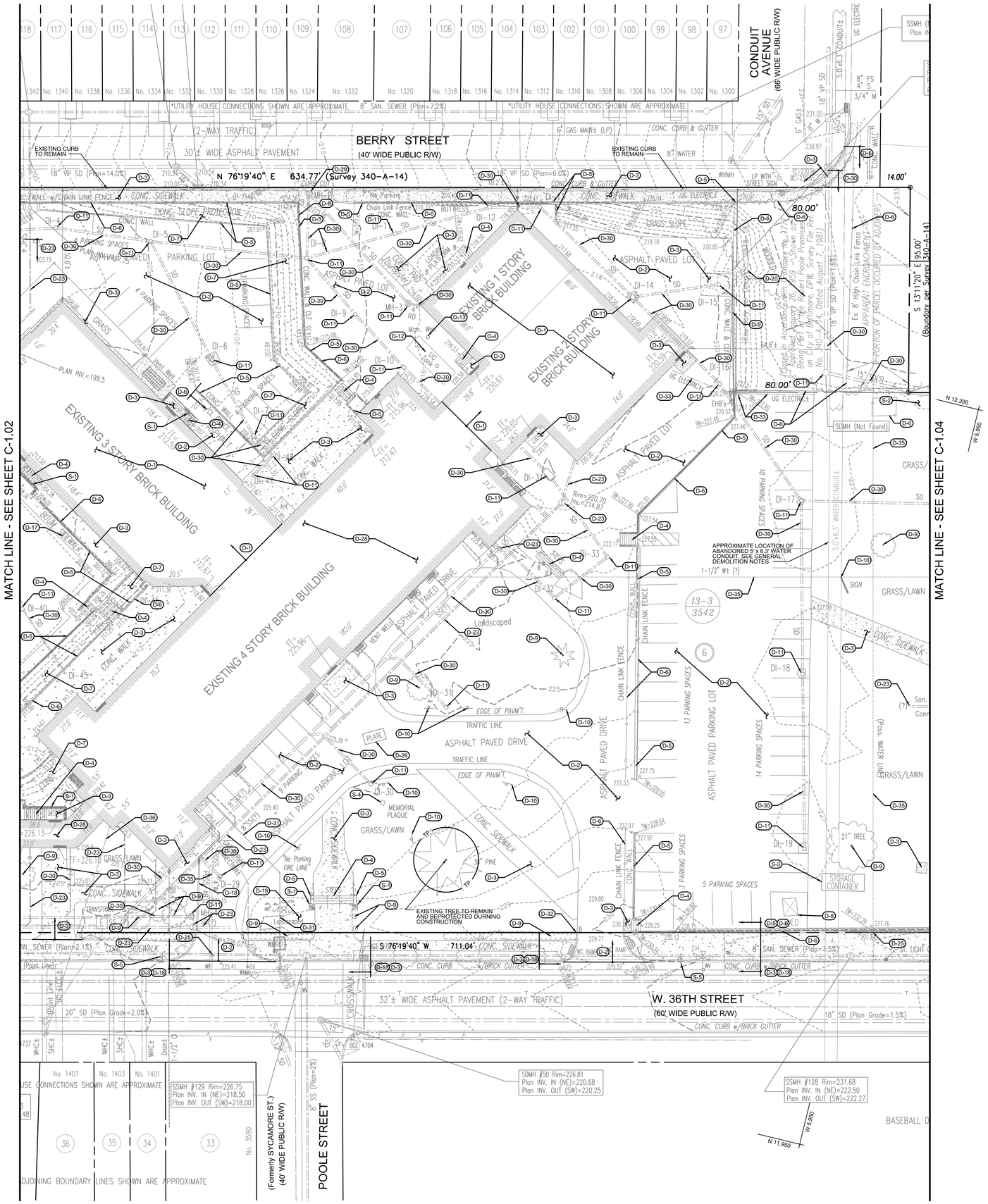

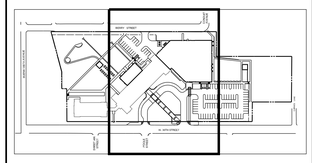

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S-4 REMOVE AND SALVAGE EXISTING STORAGE PLAQUE. COORDINATE WITH MARYLAND STADIUM AUTHORITY AND CITY SCHOOLS FOR NEW LOCATION.

S-5 REMOVE AND SALVAGE EXISTING SIGN. REFER TO SITE PLAN FOR NEW LOCATION.

S-6 REMOVE AND SALVAGE MOSAIC TILES. REFER TO LANDSCAPE PLANS FOR DETAILS.

DEMOLITION NOTES

D-1 REMOVE EXISTING BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS AND ITEMS TO BE SALVAGED AND REUSED.

D-2 REMOVE EXISTING ASPHALT PAVING, INCLUDING SUBBASE.

D-3 REMOVE EXISTING CONCRETE SIDEWALK / PAD, INCLUDING SUBBASE.

D-4 REMOVE EXISTING CONCRETE STAIRS.

D-5 REMOVE EXISTING CONCRETE WALL, INCLUDING FOUNDATION AND FOOTING.

D-6 REMOVE EXISTING CHAIN LINK FENCE, POSTS AND FOUNDATIONS.

D-7 REMOVE EXISTING CONCRETE SLOPE PROTECTION.

D-8 REMOVE EXISTING SHED AND FOUNDATION.

D-9 REMOVE EXISTING TREE / SHRUB.

D-10 REMOVE EXISTING SIGN.

D-11 REMOVE EXISTING STORM DRAIN STRUCTURE.

D-12 REMOVE EXISTING UNDERGROUND STORAGE TANK. CONTRACTOR TO COMPLY WITH ALL REGULATORY REQUIREMENTS FOR TANK REMOVAL.

D-13 ABANDON EXISTING MONITORING WELL. CONTRACTOR TO COMPLY WITH ALL REGULATORY REQUIREMENTS FOR MONITORING WELL ABANDONMENT.

D-14 ABANDON EXISTING OVERHEAD ELECTRICAL SERVICE. CONTRACTOR TO COORDINATE WITH BALTIMORE GAS AND ELECTRIC.

D-15 REMOVE EXISTING GRAVEL PATH.

D-16 REMOVE EXISTING SPLIT RAIL FENCE.

D-17 REMOVE EXISTING BITUMINOUS WALK, INCLUDING SUBBASE.

D-18 REMOVE EXISTING CURB AND GUTTER, INCLUDING SUBBASE.

D-19 REMOVE EXISTING LANDSCAPE AREA.

D-20 REMOVE EXISTING WOODED AREA.

D-21 REMOVE EXISTING ZEN PATH, INCLUDING SUBBASE.

D-22 REMOVE EXISTING BASKETBALL HOOP, POST AND FOUNDATION.

D-23 REMOVE EXISTING SANITARY PIPE / MANHOLE.

D-24 REMOVE EXISTING DECK AND FOUNDATION.

D-25 ABANDON EXISTING WATER SERVICE. SEE WATER NOTES, SHEET C-1.01A AND EXISTING WATER SERVICE TABLE, SHEET C-2.04.

D-26 REMOVE EXISTING STEEL PLATE.

D-27 NOT USED.

D-28 EXISTING BUILDING TO REMAIN.

D-29 CONTRACTOR TO ABANDON MANHOLE PER BC 105.01.

D-30 REMOVE EXISTING STORM DRAIN PIPE AND BULKHEAD IN MANHOLE IF NOT TO BE REUSED.

D-31 REMOVE EXISTING 4" WATER SERVICE LINE AND 6" WATER SERVICE LINE FROM BUILDING TO THE WATER MATER VAULT..

D-32 REMOVE EXISTING BOLLARD.

D-33 REMOVE EXISTING ELECTRIC LINE AND HANDBOX.

D-34 REMOVED EXISTING UNDERGROUND UTILITY.

D-35 REMOVE EXISTING WATER LINE.

D-36 CONTRACTOR TO COORDINATE WITH COMCAST AND VERIZON FOR OVERHEAD WIRE REMOVAL AND RELOCATION.

LEGEND

GV	EXISTING GAS VALVE	E	EXISTING ELECTRIC MANHOLE
	EXISTING STORM DRAIN MANHOLE	M	EXISTING UTILITY MANHOLE
	EXISTING SAN. SEWER MANHOLE	GV	EXISTING GAS VALVE
WM	EXISTING WATER METER	F	EXISTING FLAG POLE
WV	EXISTING WATER VALVE	PM	EXISTING PARKING METER
	EXISTING FIRE HYDRANT		EXISTING UTILITY POLE
	EXISTING LIGHT POLE		EXISTING GUY WIRE
	EXISTING SIGN	T	EXISTING TELEPHONE LINE
	EXISTING CURBLINE		EXISTING GAS LINE
	EXISTING MISCELLANEOUS TREE		EXISTING ELECTRIC LINE
CO	EXISTING CLEANOUT		EXISTING SAN.SEWER LINE
	EXISTING INLET		EXISTING STORM DRAIN LINE
B	EXISTING BOLLARD	203	EXISTING WATER LINE
	EXISTING TELEPHONE MANHOLE		EXISTING CONTOUR

1"=20' 20' 0 20' 40'

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: 1" = 20'

DRAWING NAME

Demolition Plan - Facet 2

C - 1.03

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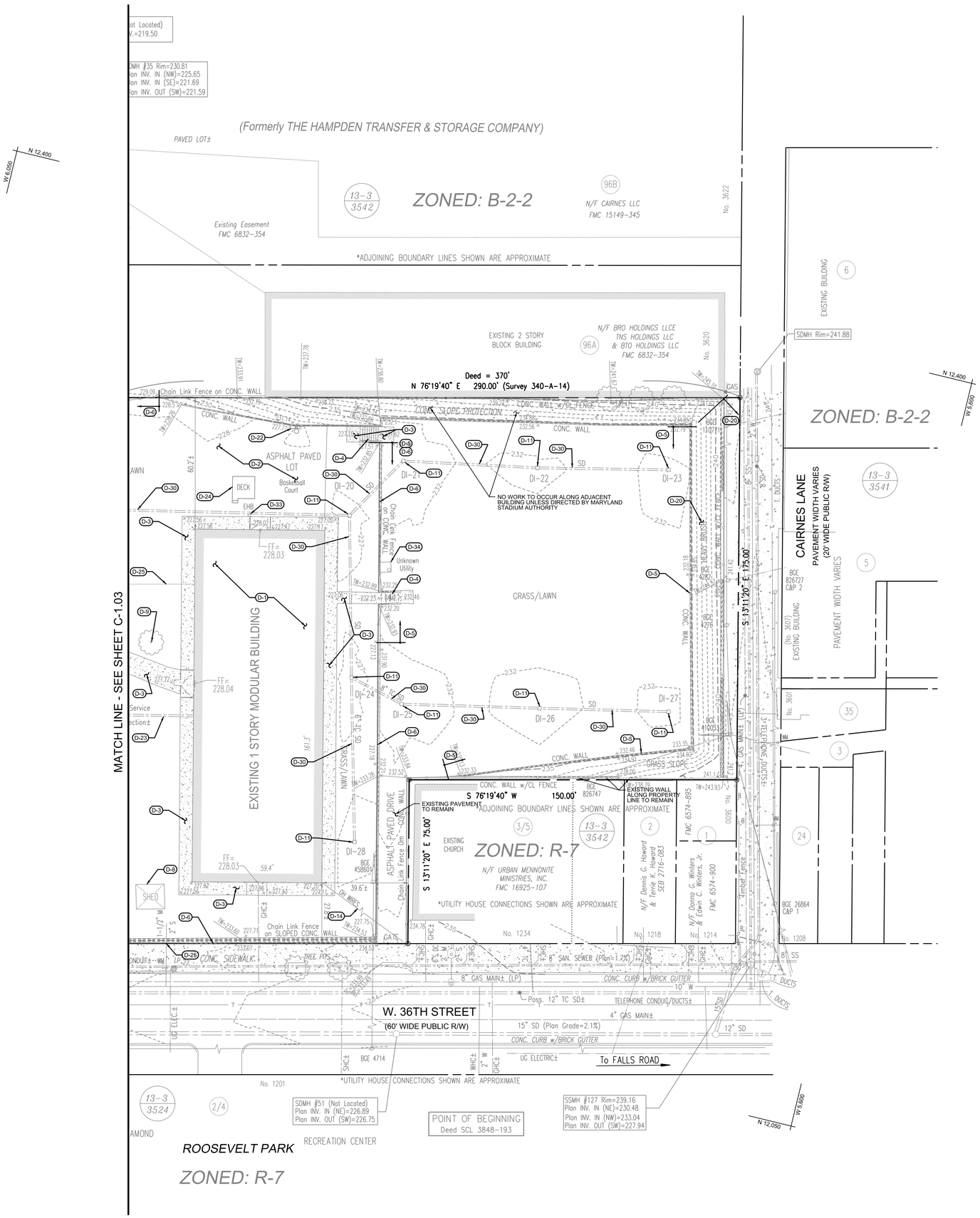

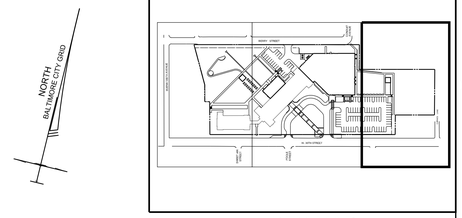

KEY MAP

GENERAL DEMOLITION NOTES

1. REFER TO ARCHITECTURAL PLANS FOR WINDOW WELL REMOVAL.
2. REFER TO PLUMBING PLANS FOR BUILDING DRAIN REMOVAL.
3. REFER TO PLUMBING PLANS FOR GAS SERVICE REMOVAL.
4. CONTRACTOR SHALL USE CAUTION WHEN WORKING OVER TOP THE ABANDONED WATER CONDUIT.

SALVAGE NOTES

S-1 REMOVE AND SALVAGE WALL CAPSTONES. REFER TO LANDSCAPE PLANS FOR DETAILS.

S-2 REMOVE AND SALVAGE STONE SETTS. REFER TO LANDSCAPE PLANS FOR DETAILS.

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	EXISTING STORM DRAIN MANHOLE	M	EXISTING UTILITY MANHOLE
S	EXISTING SAN. SEWER MANHOLE	GV	EXISTING GAS VALVE
WM	EXISTING WATER METER		EXISTING FLAG POLE
WV	EXISTING WATER VALVE	PM	EXISTING PARKING METER
	EXISTING FIRE HYDRANT		EXISTING UTILITY POLE
	EXISTING LIGHT POLE		EXISTING GUY WIRE
	EXISTING SIGN	T	EXISTING TELEPHONE LINE
	EXISTING CURBLINE		EXISTING GAS LINE
	EXISTING MISCELLANEOUS TREE		EXISTING ELECTRIC LINE
CO	EXISTING CLEANOUT		EXISTING SAN.SEWER LINE
	EXISTING INLET		EXISTING STORM DRAIN LINE
B	EXISTING BOLLARD	203	EXISTING WATER LINE
T	EXISTING TELEPHONE MANHOLE		EXISTING CONTOUR

1"=20' 20' 0 20' 40'

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

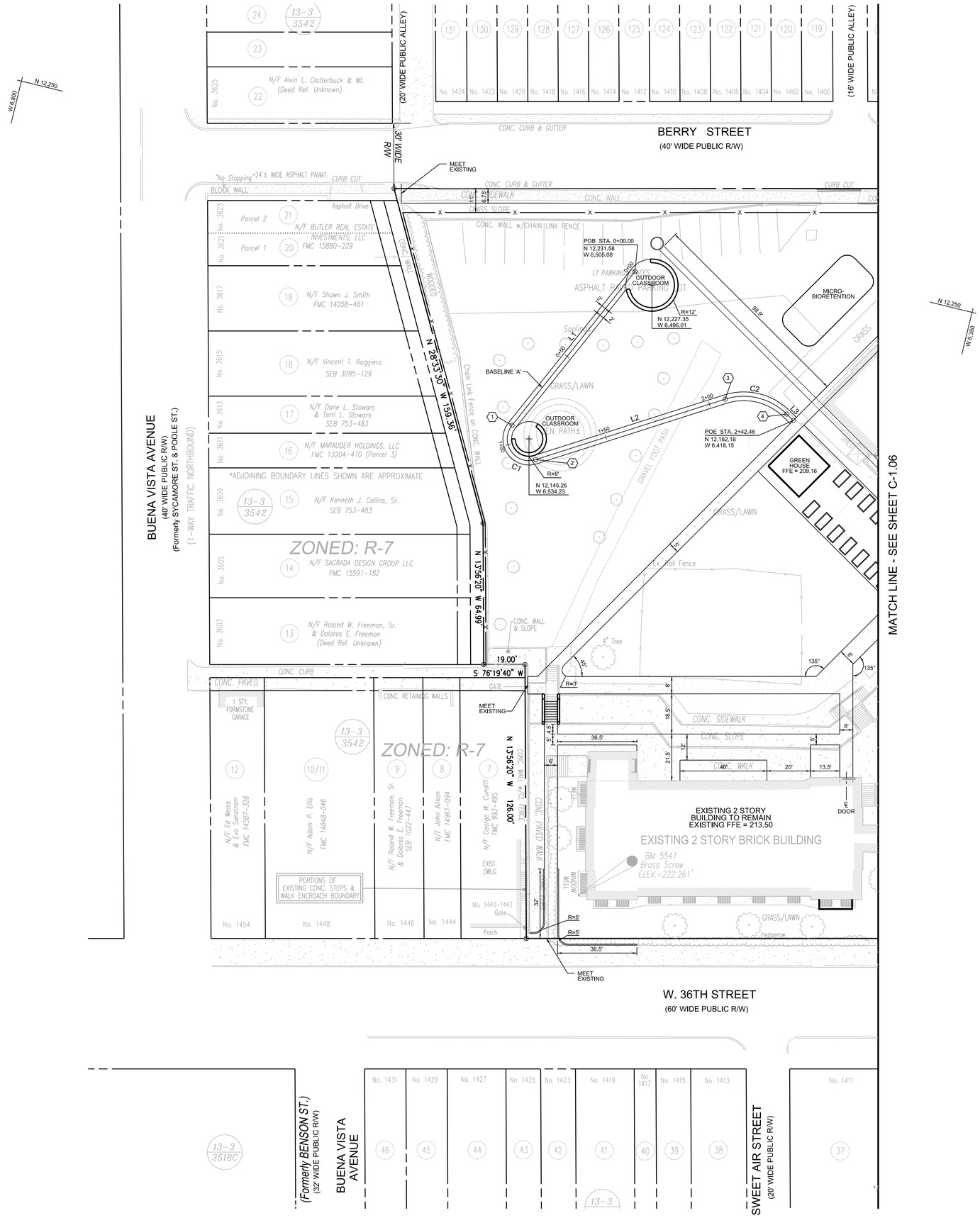
DATE: 03/31/16

SCALE: 1" = 20'

DRAWING NAME

Demolition Plan - Facet 3

C - 1.04



KEY MAP

CURVE TABLE (BASELINE 'A')							
NO.	DELTA	TANGENT	ARC	RADIUS	CHORD	CHORD BRG	P.I. STA.
C1	146°19'27"	33.04'	25.54'	10.00'	19.14'	S 48°11'44" E	1+23.60
C2	62°39'51"	17.05'	30.62'	28.00'	29.12'	N 89°58'28" E	2+24.68

BEARING TABLE (BASELINE 'A')		
NO.	BEARING	DISTANCE
L1	S 24°57'59" W	90.55'
L2	N 58°38'32" E	91.54'
L3	S 58°41'36" E	4.21'

POINT DATA				
NO.	ID	BASELINE	STATION	OFFSET
1	PC	A	0+90.55	0' ℄
2	PT	A	1+16.09	0' ℄
3	PC	A	2+07.63	0' ℄
4	PT	A	2+38.25	0' ℄

GEOMETRY NOTES

REFER TO LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON LAYOUT OF SITE AMENITIES, PAVING PATTERNS AND ENTRY WAYS.

LEGEND

- EXISTING SIGN
- EXISTING CURBLINE
- EXISTING TREE
- CONCRETE CURB AND GUTTER
- FLUSH CONCRETE CURB
- NOSE-DOWN CURB AT 2:1
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- BOLLARD
- WHEELSTOP
- FENCE
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PROJECT No.: 3017479
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DRAWING NAME

Geometry Plan - Facet 1

C - 1.05

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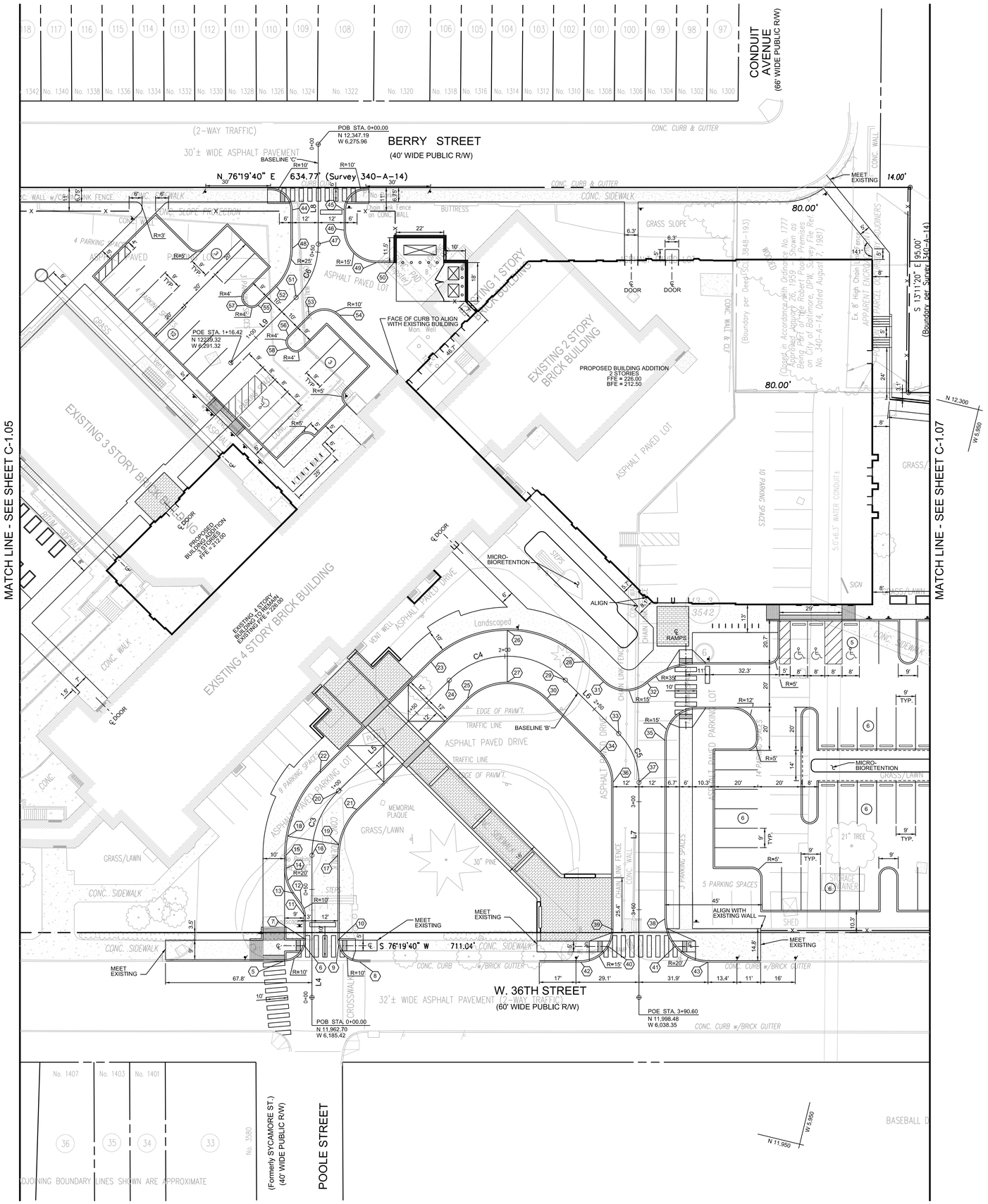

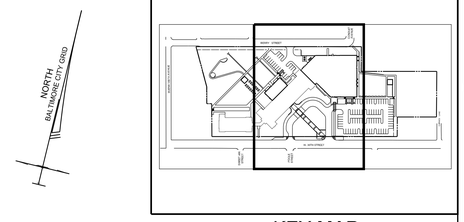

KEY MAP

ENTRANCE CURVE TABLE (BASELINE 'B')							
NO.	DELTA	TANGENT	ARC	RADIUS	CHORD	CHORD BRG	P.I. STA.
C3	44°58'44"	17.39'	32.97'	42.00'	32.13'	N 08°49'02" E	0+83.22
C4	90°00'00"	38.00'	59.69'	38.00'	53.74'	N 76°18'24" E	2+09.33
C5	45°01'16"	13.26'	25.14'	32.00'	24.50'	S 36°10'58" E	2+79.17

REAR ENTRANCE TABLE (BASELINE 'C')							
NO.	DELTA	TANGENT	ARC	RADIUS	CHORD	CHORD BRG	P.I. STA.
C6	44°58'44"	14.49'	27.48'	35.00'	26.78'	S 08°49'02" W	0+60.72'

ENTRANCE BEARING TABLE (BASELINE 'B')		
NO.	BEARING	DISTANCE
L4	N 13°40'20" W	65.83'
L5	N 31°18'24" E	72.52'
L6	S 58°41'36" E	34.90'
L7	S 13°40'20" E	99.54'

REAR ENTRANCE BEARING TABLE (BASELINE 'C')		
NO.	BEARING	DISTANCE
L8	S 13°40'20" E	46.23'
L9	S 31°18'24" W	42.71'

POINT DATA									
NO.	ID	BASELINE	STATION	OFFSET	NO.	ID	BASELINE	STATION	OFFSET
5	PC	B	0+16.81	13.00' LT.	32	PT	B	2+58.73	26.01 LT.
6	HC	B	0+23.90	3.42 LT.	33	PC	B	2+65.91	0' ℄
7	PT	B	0+26.81	3.00' LT.	34	PC	B	2+65.91	12.00' RT.
8	PC	B	0+16.53	22.00' RT.	35	PC	B	2+77.53	16.25' LT.
9	HC	B	0+23.90	12.35' RT.	36	PT	B	2+91.06	12.00' RT.
10	PT	B	0+26.53	12.00' RT.	37	PT	B	2+91.06	0' ℄
11	PC	B	0+37.43	3.00' LT.	38	PC	B	3+54.24	12.00' LT.
12	PT	B	0+43.17	4.81' LT.	39	PC	B	3+59.26	12.00' RT.
13	PC	B	0+48.28	8.38' LT.	40	HC	B	3+67.03	14.17' RT.
14	PT	B	0+59.75	12.00' LT.	41	HC	B	3+67.03	16.62' LT.
15	PC	B	0+65.83	12.00' LT	42	PT	B	3+74.25	27.00' RT.
16	PC	B	0+65.83	0' ℄	43	PT	B	3+74.24	31.95' LT.
17	PC	B	0+65.83	12.00' RT.	44	PT	C	0+30.42	12.00' RT.
18	CM	B	0+72.70	12.00' LT.	45	PT	C	0+30.43	12.00' LT.
19	CM	B	0+72.70	12.00' RT.	46	PC	C	0+39.79	12.00' LT.
20	PT	B	0+98.80	0' ℄	47	PC	C	0+46.23	0' ℄
21	PT	B	0+98.80	12.00' RT.	48	PC	C	0+49.25	11.91' RT.
22	PT	B	0+98.80	12.00' LT.	49	PT	C	0+51.03	27.59' LT.
23	PC	B	1+71.33	12.00' LT.	50	PI	C	0+50.48	35.63' LT.
24	PC	B	1+71.33	0' ℄	51	PT	C	0+73.71	0' ℄
25	PC	B	1+71.33	12.00' RT.	52	PT	C	0+76.42	10.00' RT.
26	CM	B	2+01.17	12.00' LT.	53	PC	C	0+75.25	10.00' LT.
27	CM	B	2+01.17	12.00' RT.	54	PT	C	0+68.37	20.65' LT.
28	PT	B	2+31.02	12.00' LT.	55	PC	C	0+88.72	10.00' RT.
29	PT	B	2+31.02	0' ℄	56	PC	C	0+88.72	10.00' LT.
30	PT	B	2+31.02	12.00' RT.	57	PT	C	0+92.72	14.00' RT.
31	PC	B	2+44.02	12.00' LT.	58	PT	C	0+92.72	14.00' LT.

HANDICAP RAMPS (HC) MEASURED FROM CENTERLINE OF RAMP.
CM IS DEFINE AS A CHANGE IN PAVEMENT MATERIAL.

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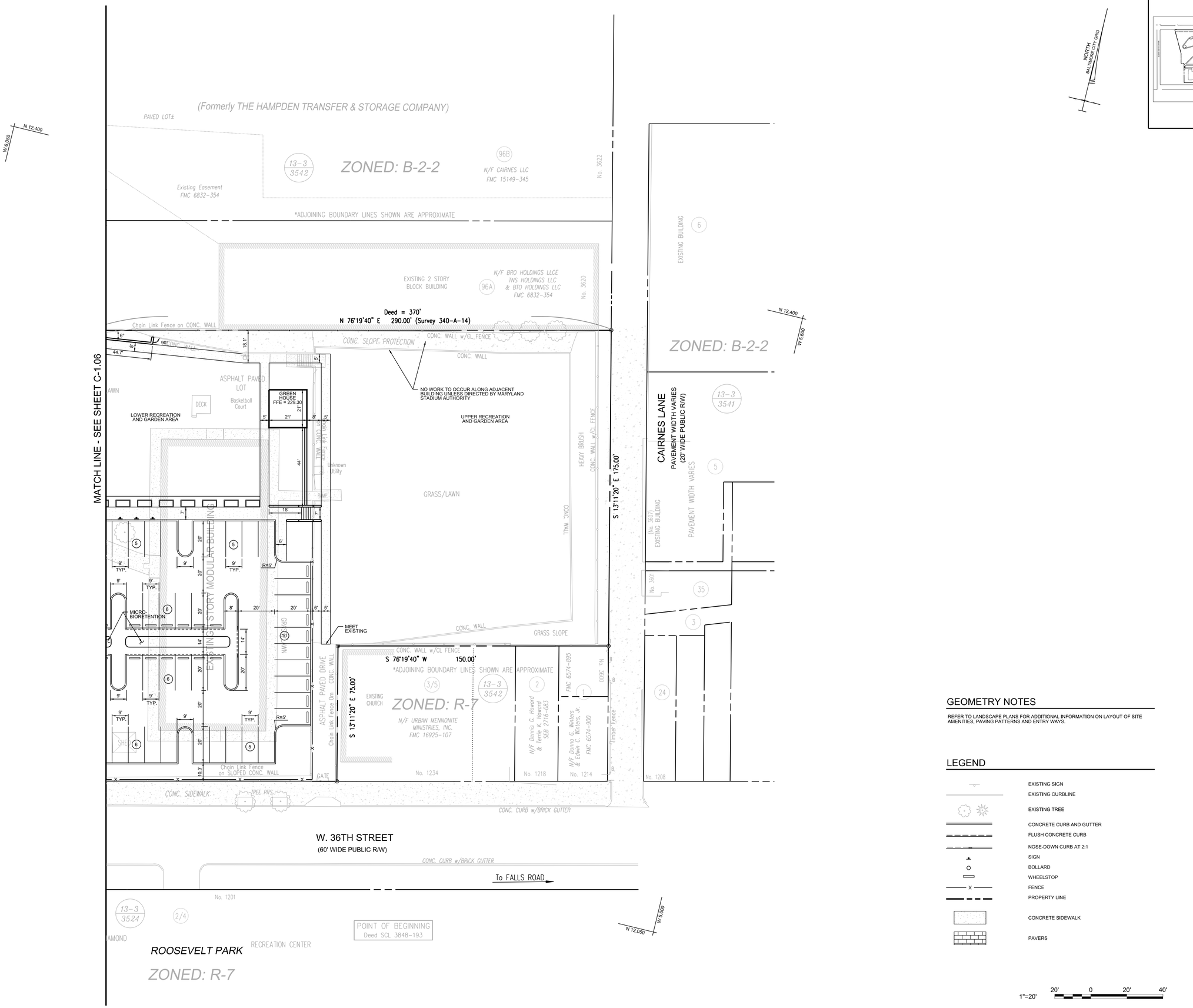

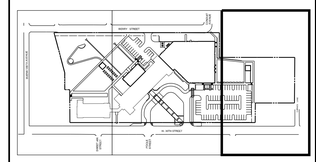

KEY MAP

GEOMETRY NOTES

REFER TO LANDSCAPE PLANS FOR ADDITIONAL INFORMATION ON LAYOUT OF SITE AMENITIES, PAVING PATTERNS AND ENTRY WAYS.

LEGEND

- EXISTING SIGN
- EXISTING CURBLINE
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1"=20' 20' 0 20' 40'

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479
DATE: 03/31/16
SCALE: 1" = 20'
DRAWING NAME
Geometry Plan - Facet 3

C - 1.07

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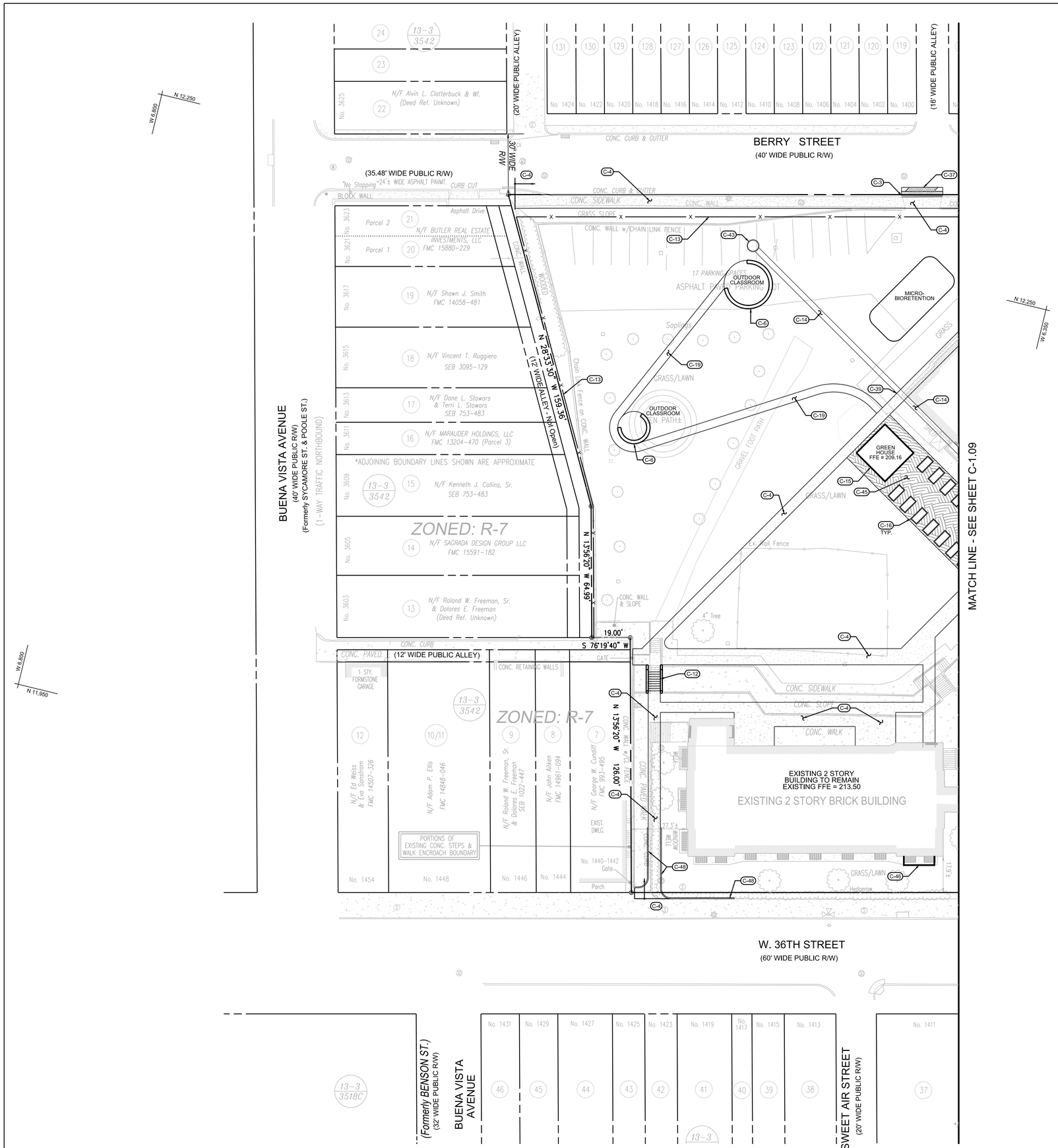

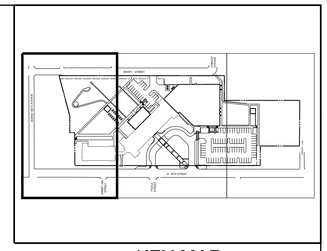

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479
DATE: 03/31/16
SCALE: 1" = 20'
DRAWING NAME

Site Plan - Facet 1

C - 1.08

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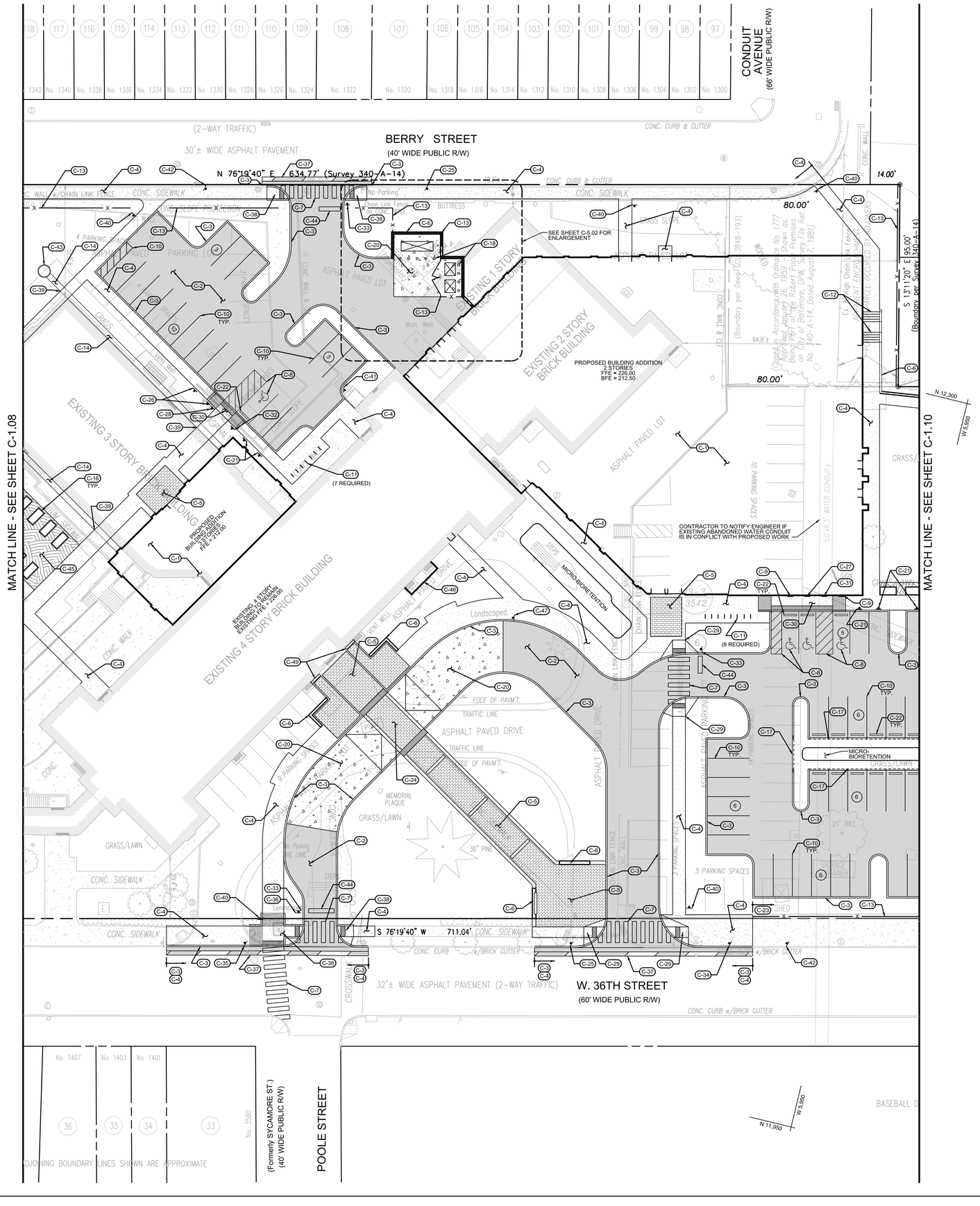

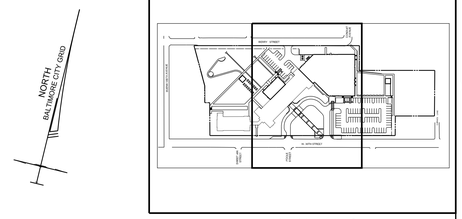

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PROJECT No.: 3017479

DATE: 03/31/16

SCALE: 1" = 20'

DRAWING NAME

Site Plan - Facet 2

C - 1.09

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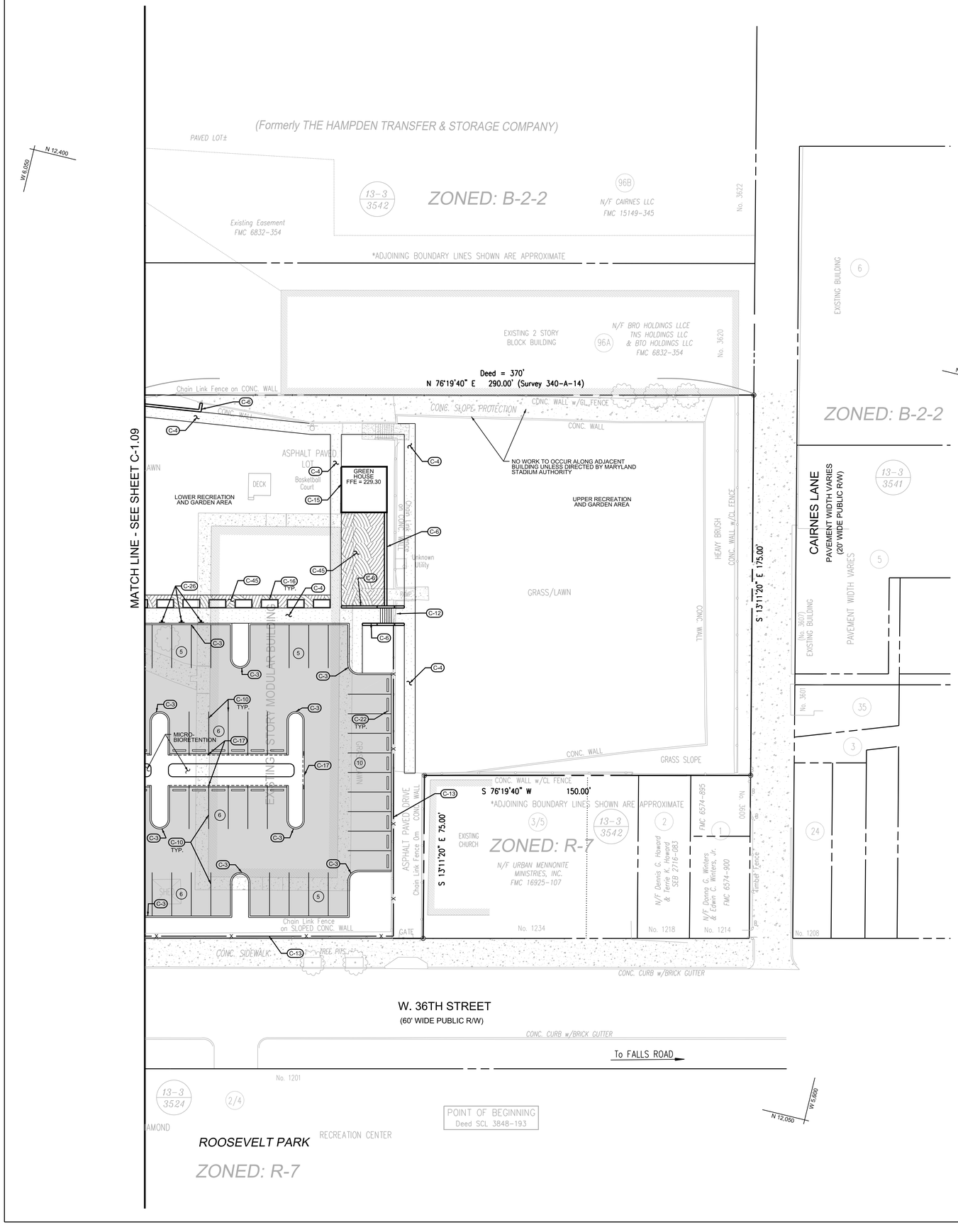

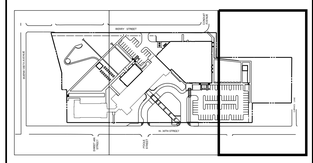

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: 1" = 20'

DRAWING NAME

Site Plan - Facet 3

C - 1.10

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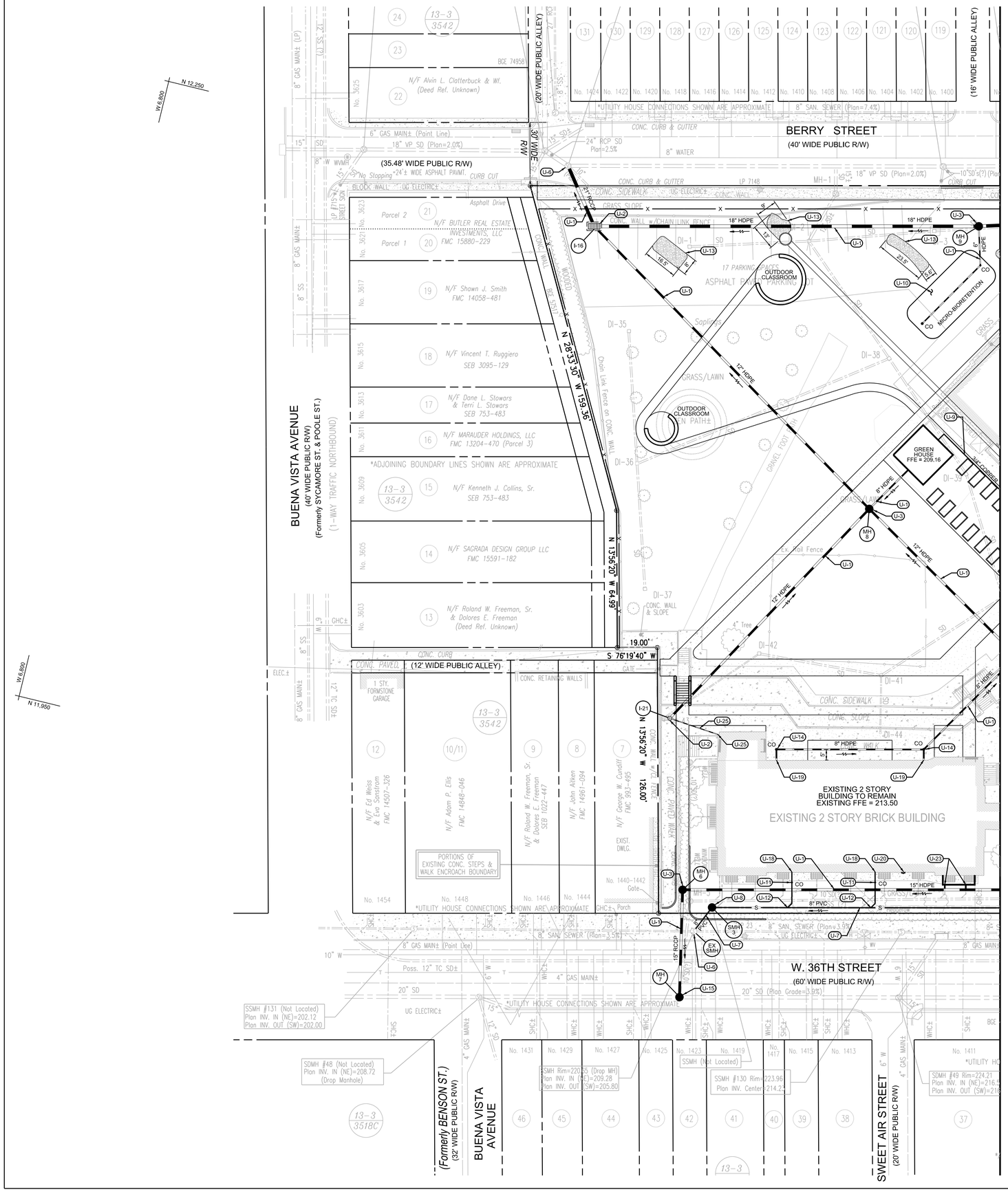

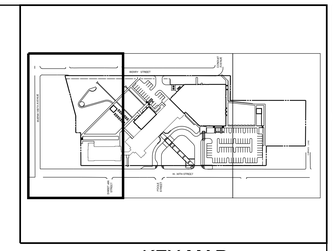

KEY MAP

UTILITY NOTES

U-1 PROVIDE STORM DRAIN PIPE. SEE PLAN FOR PIPE MATERIAL AND SIZE.

U-2 PROVIDE STORM DRAIN INLET.

U-3 PROVIDE STORM DRAIN MANHOLE.

U-4 PROVIDE OVERFLOW RISER FOR MICRO-BIORETENTION FACILITY. SEE STORMWATER MANAGEMENT PLANS FOR DETAILS.

U-5 PROVIDE 12" ADS END SECTION OR APPROVED EQUAL. INSTALL PER MANUFACTURES INSTRUCTION.

U-6 PROVIDE CONNECTION TO EXISTING STRUCTURE.

U-7 PROVIDE SANITARY SEWER PIPE. SEE PLAN FOR PIPE MATERIAL AND SIZE.

U-8 PROVIDE SANITARY MANHOLE.

U-9 PROVIDE WATER PIPE WITH 4' OF COVER. SEE PLAN FOR PIPE MATERIAL AND SIZE.

U-10 MICRO-BIORETENTION FACILITY. SEE STORMWATER MANAGEMENT PLANS FOR DETAILS.

U-11 PROVIDE SANITARY SEWER CLEANOUT PER BC 830.15.

U-12 PROVIDE 45° WYE CONNECTION.

U-13 PROVIDE RIPRAP CHANNEL PROTECTION. REFER TO SHEET C-2.04 FOR DETAILS.

U-14 PROVIDE STORM DRAIN CLEANOUT, REFER TO SHEET C-2.04 FOR DETAILS.

U-15 PROVIDE 48" DOGHOUSE STORM DRAIN MANHOLE.

U-16 UTILITY POLE. CONTRACTOR TO COORDINATE WITH VERIZON AND COMCAST.

U-17 PROVIDE 4-4" CONDUIT WITH 2' COVER. CONTRACTOR TO COORDINATE WITH VERIZON AND COMCAST. TURN DOWN POLE PER BC 824.05.

U-18 SANITARY LINE. REFER TO PLUMBING PLANS FOR DETAILS.

U-19 ROOF DRAIN. REFER TO PLUMBING PLANS FOR DETAILS.

U-20 FIRE DEPARTMENT CONNECTION. REFER TO PLUMBING PLANS FOR DETAILS.

U-21 PROVIDE CONNECTION TO EXISTING SANITARY SEWER LINE.

U-22 GREASE INTERCEPTOR. REFER TO PLUMBING PLANS FOR DETAILS.

U-23 AREA DRAIN. REFER TO PLUMBING PLANS FOR DETAILS.

U-24 PROVIDE WATER PIPE. SEE PLAN AND PROFILE FOR PIPE MATERIAL, SIZE AND DEPTH.

U-25 PROVIDE 4" FOUNDATION DRAIN PIPE (SOLID WALL). REFER TO ARCHITECTURAL PLANS FOR DETAILS.

LEGEND

- EXISTING GAS VALVE
- EXISTING STORM DRAIN MANHOLE
- EXISTING SAN. SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING LIGHT POLE
- EXISTING SIGN
- EXISTING CURBLINE
- EXISTING MISCELLANEOUS TREE
- EXISTING CLEANOUT
- EXISTING INLET
- EXISTING BOLLARD
- EXISTING TELEPHONE MANHOLE
- EXISTING ELECTRIC MANHOLE
- EXISTING UTILITY MANHOLE
- EXISTING GAS VALVE
- EXISTING FLAG POLE
- EXISTING PARKING METER
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- EXISTING TELEPHONE LINE
- EXISTING GAS LINE
- EXISTING ELECTRIC LINE
- EXISTING SAN.SEWER LINE
- EXISTING STORM DRAIN LINE
- EXISTING WATER LINE
- EXISTING CONTOUR
- SANITARY SEWER
- WATER
- STORM DRAIN
- CLEAN OUT
- INLET
- MANHOLE
- PROPERTY LINE

1"=20' 20' 0 20' 40'

MDE# 16-SF-0049

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No.	DATE	DESCRIPTION
1	04/22/16	ADDENDUM #2

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: 1" = 20'

DRAWING NAME

Utility Plan - Facet 1

C - 1.21

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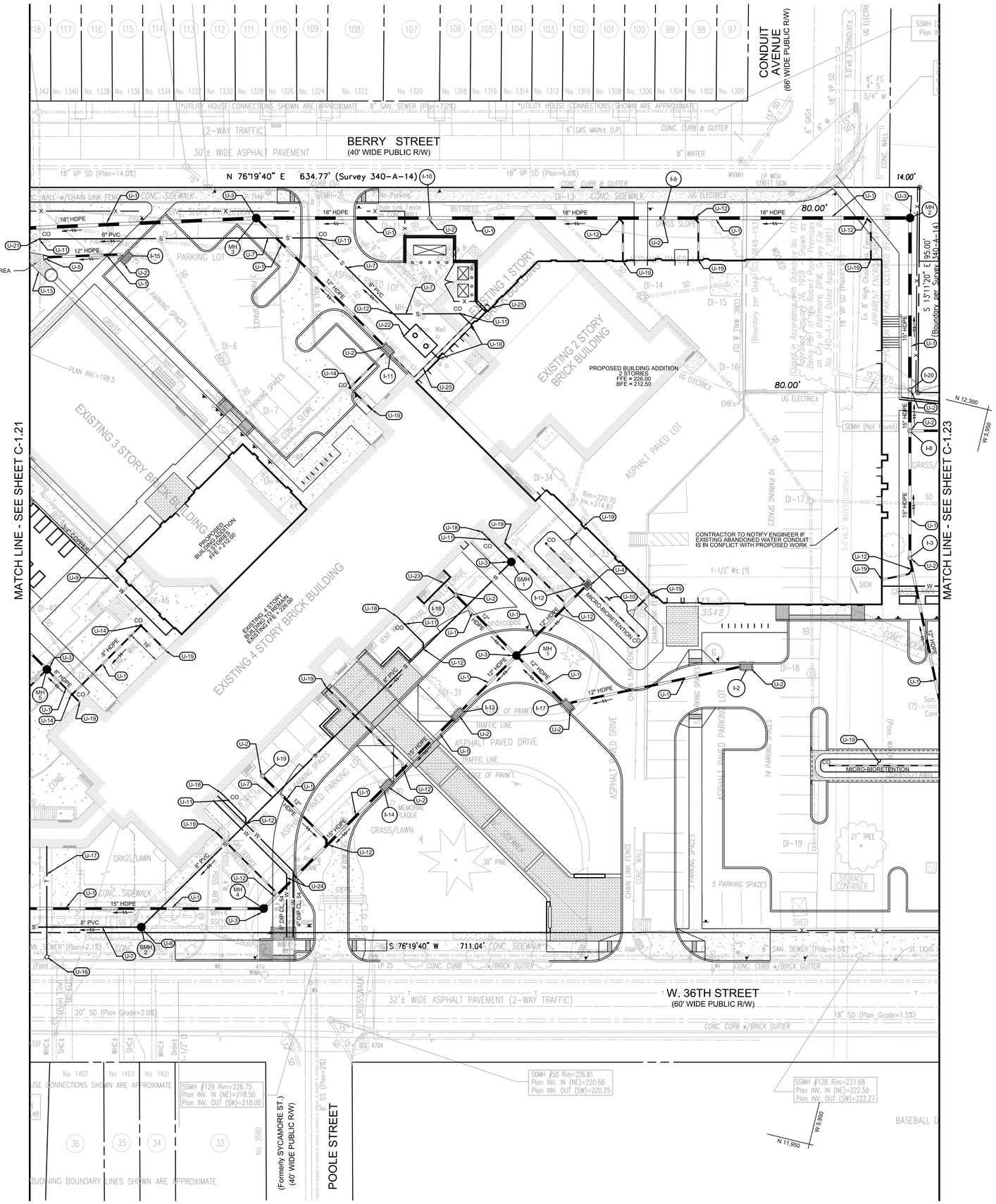

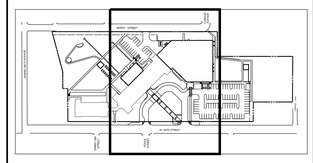

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U-1 PROVIDE STORM DRAIN PIPE. SEE PLAN FOR PIPE MATERIAL AND SIZE.

U-2 PROVIDE STORM DRAIN INLET.

U-3 PROVIDE STORM DRAIN MANHOLE.

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U-8 PROVIDE SANITARY MANHOLE.

U-9 PROVIDE WATER PIPE WITH 4' OF COVER. SEE PLAN FOR PIPE MATERIAL AND SIZE.

U-10 MICRO-BIORETENTION FACILITY. SEE STORMWATER MANAGEMENT PLANS FOR DETAILS.

U-11 PROVIDE SANITARY SEWER CLEANOUT PER BC 830.15.

U-12 PROVIDE 45° WYE CONNECTION.

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U-14 PROVIDE STORM DRAIN CLEANOUT, REFER TO SHEET C-2.04 FOR DETAILS.

U-15 PROVIDE 48" DOGHOUSE STORM DRAIN MANHOLE.

U-16 UTILITY POLE. CONTRACTOR TO COORDINATE WITH VERIZON AND COMCAST.

U-17 PROVIDE 4-4" CONDUIT WITH 2' COVER. CONTRACTOR TO COORDINATE WITH VERIZON AND COMCAST. TURN DOWN POLE PER BC 824.05.

U-18 SANITARY LINE. REFER TO PLUMBING PLANS FOR DETAILS.

U-19 ROOF DRAIN. REFER TO PLUMBING PLANS FOR DETAILS.

U-20 FIRE DEPARTMENT CONNECTION. REFER TO PLUMBING PLANS FOR DETAILS.

U-21 PROVIDE CONNECTION TO EXISTING SANITARY SEWER LINE.

U-22 GREASE INTERCEPTOR. REFER TO PLUMBING PLANS FOR DETAILS.

U-23 AREA DRAIN. REFER TO PLUMBING PLANS FOR DETAILS.

U-24 PROVIDE WATER PIPE. SEE PLAN AND PROFILE FOR PIPE MATERIAL, SIZE AND DEPTH.

U-25 PROVIDE 4" FOUNDATION DRAIN PIPE (SOLID WALL). REFER TO ARCHITECTURAL PLANS FOR DETAILS.

LEGEND

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- EXISTING STORM DRAIN MANHOLE
- EXISTING SAN. SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING LIGHT POLE
- EXISTING SIGN
- EXISTING CURBLINE
- EXISTING MISCELLANEOUS TREE
- EXISTING CLEANOUT
- EXISTING INLET
- EXISTING BOLLARD
- EXISTING TELEPHONE MANHOLE
- EXISTING ELECTRIC MANHOLE
- EXISTING UTILITY MANHOLE
- EXISTING GAS VALVE
- EXISTING FLAG POLE
- EXISTING PARKING METER
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- EXISTING TELEPHONE LINE
- EXISTING GAS LINE
- EXISTING ELECTRIC LINE
- EXISTING SAN.SEWER LINE
- EXISTING STORM DRAIN LINE
- EXISTING WATER LINE
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- WATER
- STORM DRAIN
- CLEAN OUT
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- MANHOLE
- PROPERTY LINE

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No.	DATE	DESCRIPTION
1	04/14/16	ADDENDUM #1
2	04/22/16	ADDENDUM #2
3	05/06/16	ADDENDUM #5

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: 1" = 20'

DRAWING NAME

Utility Plan - Facet 2

C - 1.22

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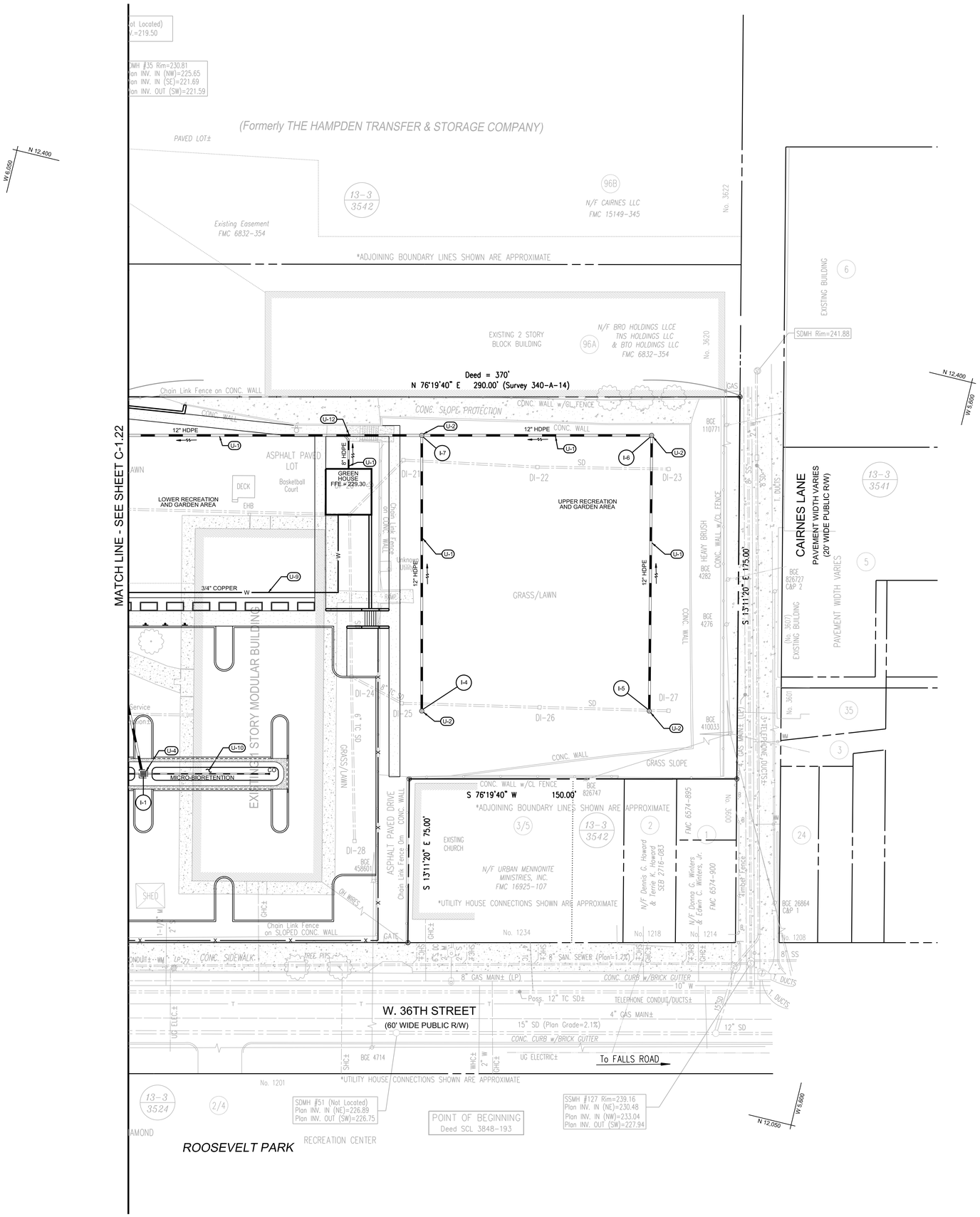

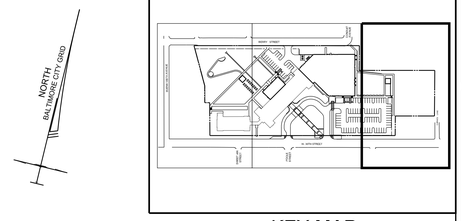

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U-24 PROVIDE WATER PIPE. SEE PLAN AND PROFILE FOR PIPE MATERIAL, SIZE AND DEPTH.

U-25 PROVIDE 4" FOUNDATION DRAIN PIPE (SOLID WALL). REFER TO ARCHITECTURAL PLANS FOR DETAILS.

LEGEND

GV	EXISTING GAS VALVE
	EXISTING STORM DRAIN MANHOLE
	EXISTING SAN. SEWER MANHOLE
WM	EXISTING WATER METER
WV	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING LIGHT POLE
	EXISTING SIGN
	EXISTING CURBLINE
	EXISTING MISCELLANEOUS TREE
CO	EXISTING CLEANOUT
	EXISTING INLET
B	EXISTING BOLLARD
T	EXISTING TELEPHONE MANHOLE
E	EXISTING ELECTRIC MANHOLE
	EXISTING UTILITY MANHOLE
GV	EXISTING GAS VALVE
F	EXISTING FLAG POLE
PM	EXISTING PARKING METER
	EXISTING UTILITY POLE
	EXISTING GUY WIRE
T	EXISTING TELEPHONE LINE
	EXISTING GAS LINE
	EXISTING ELECTRIC LINE
	EXISTING SAN.SEWER LINE
	EXISTING STORM DRAIN LINE
	EXISTING WATER LINE
203	EXISTING CONTOUR
S	SANITARY SEWER
W	WATER
	STORM DRAIN
CO	CLEAN OUT
	INLET
	MANHOLE
	PROPERTY LINE

1"=20' 20' 0 20' 40'

MDE# 16-SF-0049

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: 1" = 20'

DRAWING NAME

Utility Plan - Facet 3

C - 1.23

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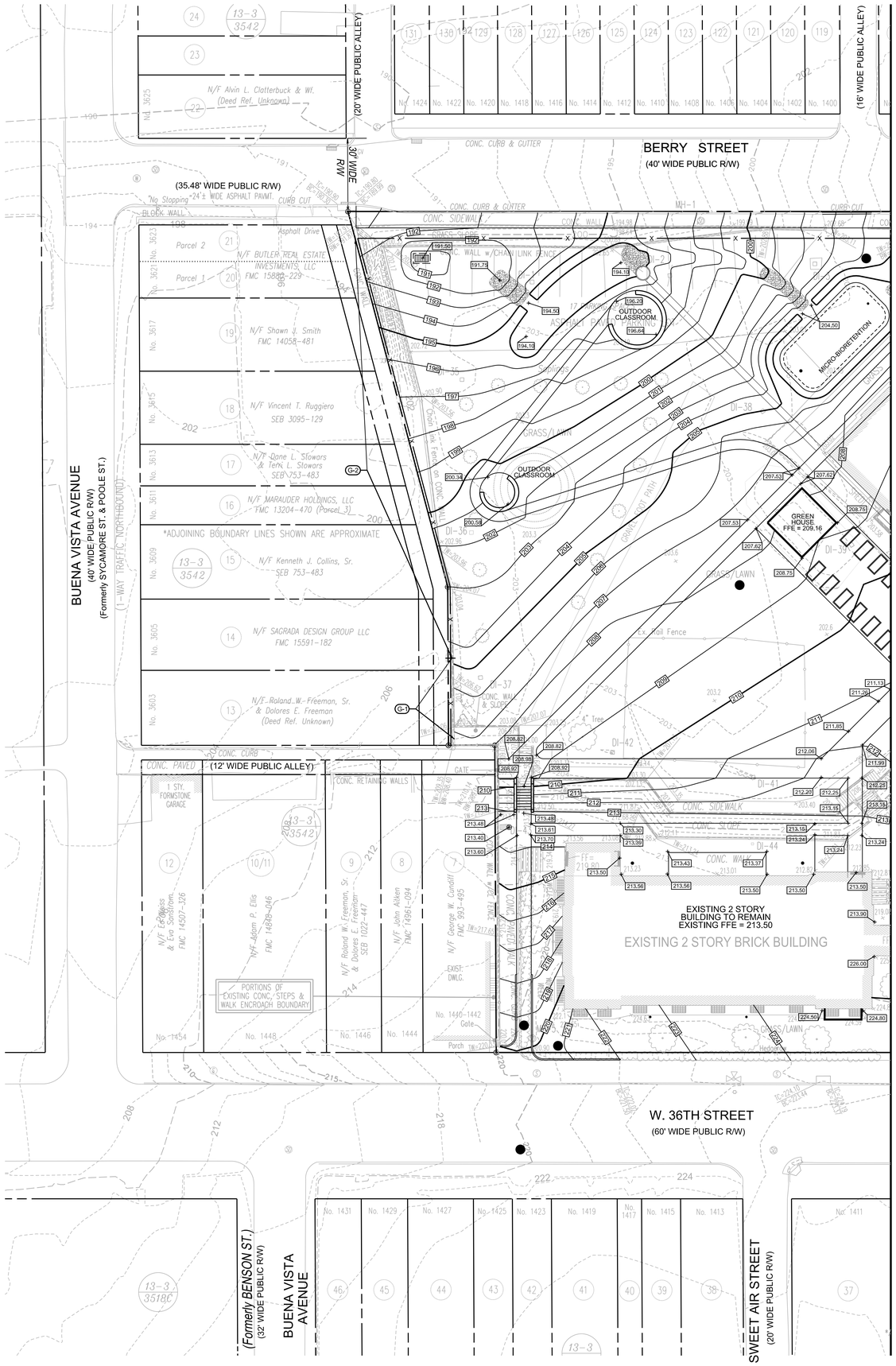

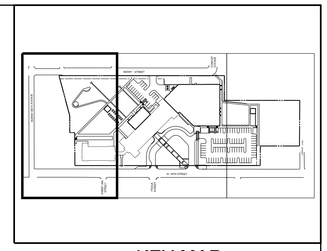

KEY MAP

GRADING NOTES

G-1 GRADING TO TIE INTO EXISTING WALL SECTION TO REMAIN. CONTRACTOR SHALL ADJUST THE FINISHED GRADE TO 2 INCHES BELOW THE TOP OF THE EXISTING WALL AND SHALL PROVIDE A MINIMUM 1% SLOPE AWAY FROM THE WALL.

G-2 CONTRACTOR SHALL ADJUST GRADING ALONG THE PROPERTY LINE TO TIE TO THE EXISTING GRADE OF THE ADJACENT PROPERTIES AFTER DEMOLITION OF EXISTING WALL. PROVIDE FINISHED GRADE SLOPING AWAY FROM THE ADJACENT PROPERTIES AT A MINIMUM 2% SLOPE AND MAXIMUM 4(H):1(V) SLOPE.

LEGEND

- EXISTING GAS VALVE
- EXISTING STORM DRAIN MANHOLE
- EXISTING SAN. SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING LIGHT POLE
- EXISTING SIGN
- EXISTING CURBLINE
- EXISTING MISCELLANEOUS TREE
- EXISTING CLEANOUT
- EXISTING INLET
- EXISTING BOLLARD
- EXISTING TELEPHONE MANHOLE
- EXISTING ELECTRIC MANHOLE
- EXISTING UTILITY MANHOLE
- EXISTING GAS VALVE
- EXISTING FLAG POLE
- EXISTING PARKING METER
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- PROPERTY LINE
- FENCE
- CONCRETE CURB AND GUTTER
- FLUSH CONCRETE CURB
- NOSE-DOWN CURB AT 2:1
- CONTOUR
- SPOT ELEVATION
- CLEAN OUT
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DRAWING NAME

Grading Plan - Facet 1

C - 1.31

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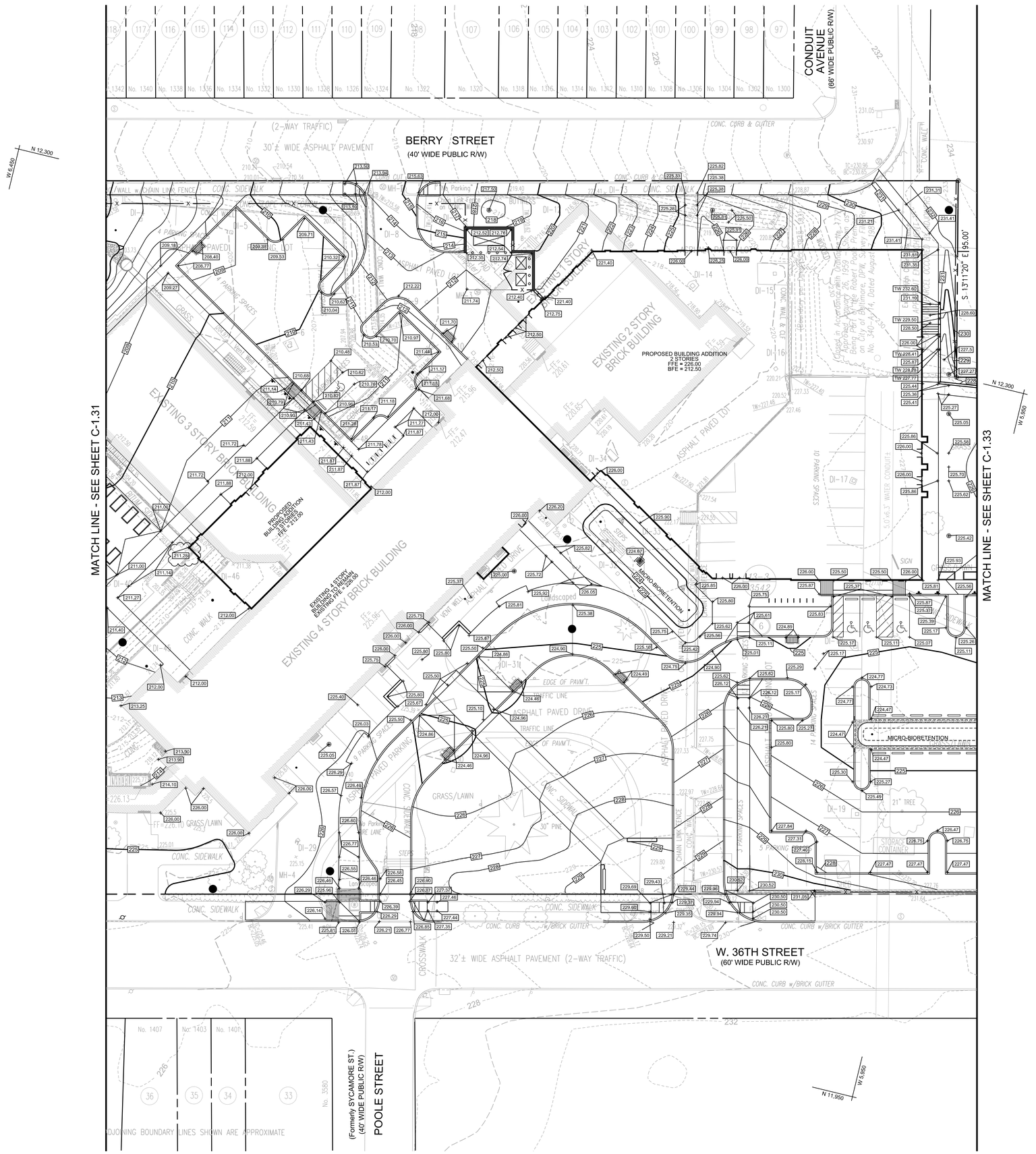

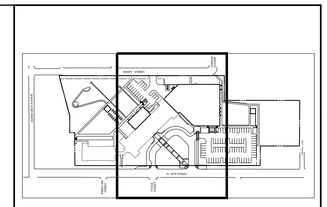

KEY MAP

LEGEND

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- EXISTING STORM DRAIN MANHOLE
- EXISTING SAN. SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER VALVE
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- EXISTING GAS VALVE
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EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

7/27/2016 3:47:36 PM chena

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: 1" = 20'

DRAWING NAME

Grading Plan - Facet 2

C - 1.32

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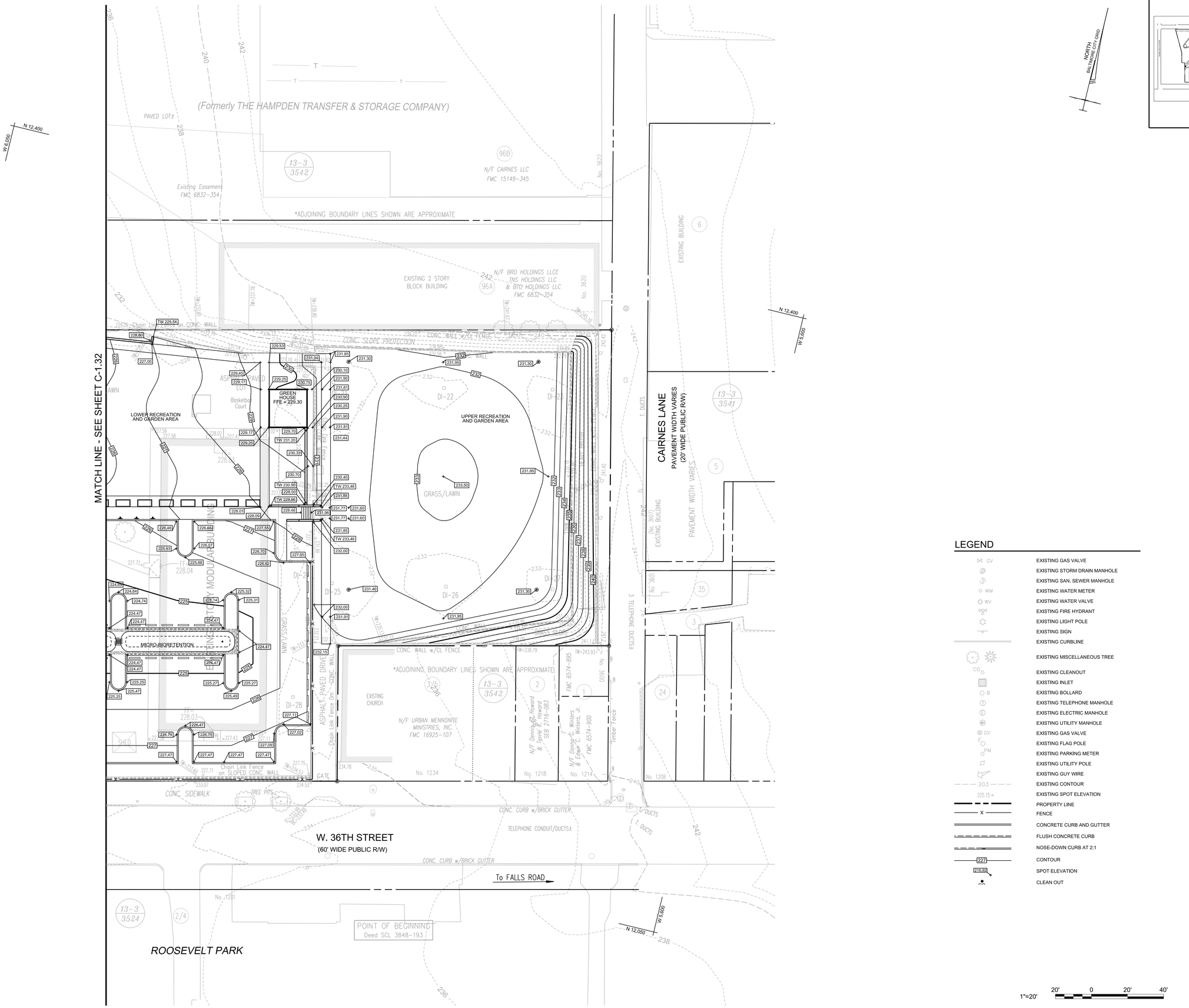

KEY MAP

LEGEND

- GV — EXISTING GAS VALVE
- EXISTING STORM DRAIN MANHOLE
- EXISTING SAN. SEWER MANHOLE
- WM — EXISTING WATER METER
- WV — EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING LIGHT POLE
- EXISTING SIGN
- EXISTING CURBLINE
- EXISTING MISCELLANEOUS TREE
- CO — EXISTING CLEANOUT
- EXISTING INLET
- B — EXISTING BOLLARD
- EXISTING TELEPHONE MANHOLE
- EXISTING ELECTRIC MANHOLE
- EXISTING UTILITY MANHOLE
- GV — EXISTING GAS VALVE
- EXISTING FLAG POLE
- PM — EXISTING PARKING METER
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- 203 — EXISTING CONTOUR
- 225.15 × — EXISTING SPOT ELEVATION
- PROPERTY LINE
- X — FENCE
- CONCRETE CURB AND GUTTER
- FLUSH CONCRETE CURB
- NOSE-DOWN CURB AT 2:1
- 227 — CONTOUR
- 216.92 — SPOT ELEVATION
- CLEAN OUT

1"=20' 20' 0 20' 40'

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No.	DATE	DESCRIPTION
1	04/22/16	ADDENDUM #2

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: 1" = 20'

DRAWING NAME

Grading Plan - Facet 3

C - 1.33

BENCHMARK INFORMATION:

1. BEARINGS, DISTANCES, BOUNDARIES AND COORDINATES AS SHOWN HEREON ARE BASED ON THE CITY OF BALTIMORE SURVEY CONTROL SYSTEM REFERENCED TO THE FOLLOWING SURVEY CONTROL STATIONS:

   34380 NORTH 11,695,832 WEST 6,530,815
   34381 NORTH 11,894,670 WEST 6,561,072
   34382 NORTH 11,940,232 WEST 6,372,197

   AND FROM THE "PLAT SHOWING OUTLINE, TOPOGRAPHY AND UTILITIES OF A PORTION OF SCHOOL NO. 56 LOCATED AT NO. 1300 W. 36TH STREET", DATED AUGUST 7, 1981, FILE REFERENCE 340-A-14, PREPARED BY THE CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS, BUREAU OF CONSTRUCTION MANAGEMENT.

2. ELEVATIONS AS SHOWN HEREON ARE BASED ON THE CITY OF BALTIMORE VERTICAL DATUM AS REFERENCED TO THE FOLLOWING BENCH MARK: NO. 5541 - BEING A BRASS SCREW FOUND IN THE SOUTHWEST CORNER OF AREAWAY AT SOUTHWEST CORNER OF GYMNASIUM BUILDING OF SCHOOL #56 ON NORTH SIDE OF 36TH STREET OPPOSITE SWEET AIR STREET. ELEVATION = 222.261 FEET.

SITE DATA:

SITE AREA=	6.11 AC
TOTAL DISTURBED AREA=	5.60 AC
TOTAL CUT =	8,090 CY
TOTAL FILL =	14,130 CY
CUT / FILL RATIO =	0.573

NOTE: ALL CUT/FILL QUANTITIES AS SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY AS REQUIRED BY THE MUNICIPAL SEDIMENT CONTROL AUTHORITIES INVOLVED. THE CONTRACTOR SHALL VERIFY ALL SUCH CALCULATIONS TO THIER OWN SATISFACTION FOR BID CONTRACT PURPOSES.

STANDARD STABILIZATION NOTE

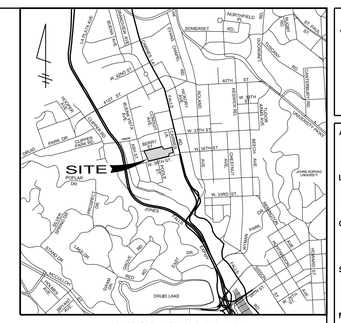
FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:

A.) THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND

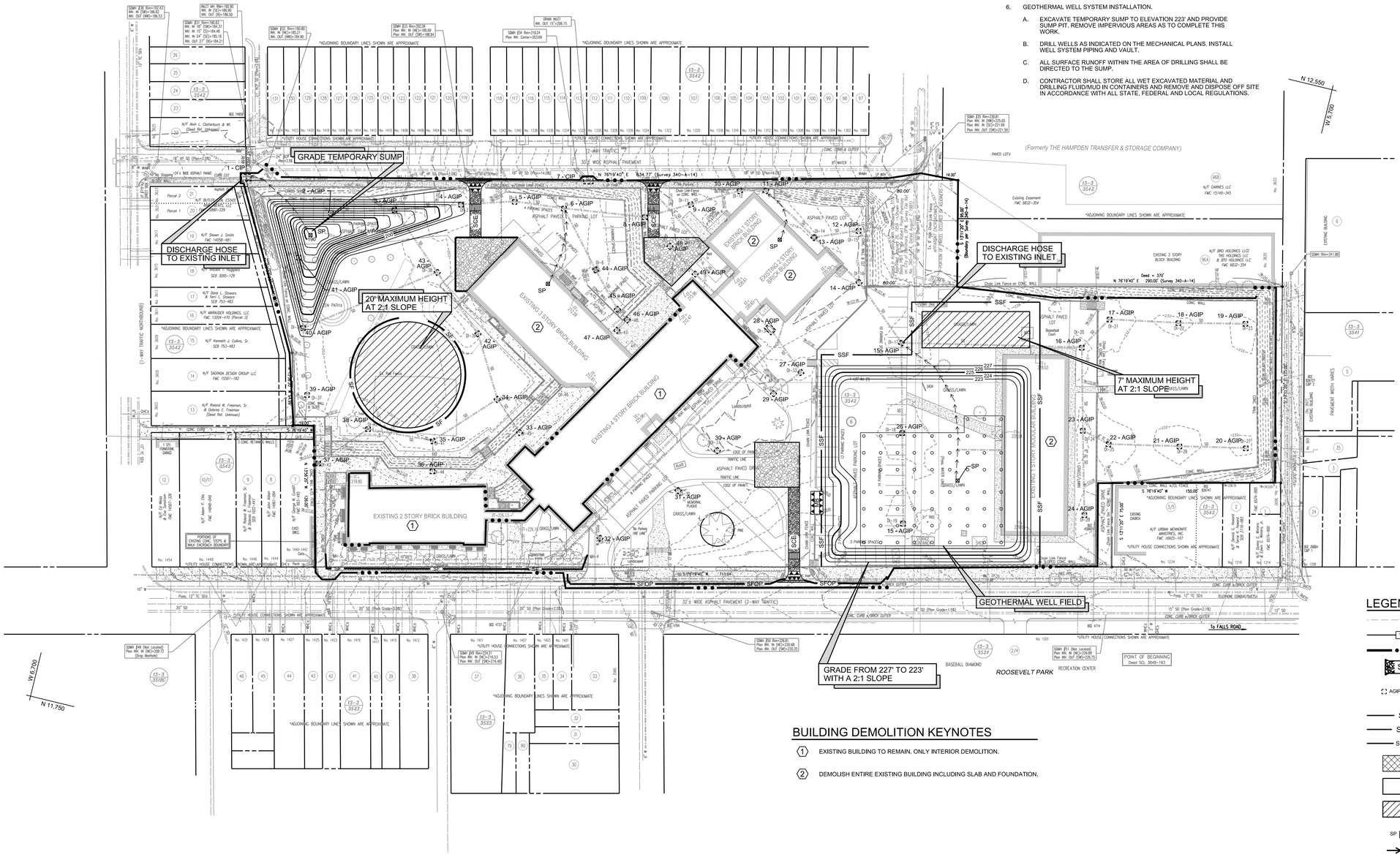
B.) SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

SEQUENCE OF CONSTRUCTION - PHASE A

1. THE CONTRACTOR SHALL NOTIFY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE), WATER MANAGEMENT ADMINISTRATION (WMA) AT (410) 537-3510 A MINIMUM OF SEVEN (7) WORKING DAYS PRIOR TO ANY EARTH DISTURBANCE TO SET UP A PRE-CONSTRUCTION MEETING.
2. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777, A MINIMUM OF 48 HOURS IN ADVANCE OF BEGINNING OF WORK TO LOCATE EXISTING UTILITIES IN THE FIELD.
3. UPON APPROVAL FROM INSPECTOR, THE CONTRACTOR SHALL:
   A. REMOVE CONCRETE / PAVING AS NECESSARY FOR THE INSTALLATION OF THE STABILIZED CONSTRUCTION ENTRANCE WITH MOUNTABLE BERM AND WASH RACK.
   B. INSTALL INLET PROTECTION ON ALL EXISTING DRAINS.
   C. INSTALL SILT FENCE AND SUPER SILT FENCE.
   D. INSTALL 6" MINIMUM OF CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OVER STAGING AREA.
4. BEGIN BUILDING DEMOLITION AS NOTED ON THIS SHEET.
5. NORTHWEST CORNER RETAINING WALL DEMOLITION.
   A. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO CONDUCT THIS WORK SAFELY AND IN ACCORDANCE WITH ALL APPLICABLE STATE, FEDERAL AND LOCAL REGULATIONS.
   B. EXCAVATE TEMPORARY SUMP TO ELEVATION 190' AND PROVIDE SUMP PIT. REMOVE IMPERVIOUS AREAS AS TO COMPLETE THIS WORK.
   B. CONTINUE EXCAVATION BEHIND WALL AS NECESSARY TO REMOVE WALL. REFER TO DEMOLITION PLANS FOR EXACT LIMITS OF WALL REMOVAL.
6. GEOTHERMAL WELL SYSTEM INSTALLATION.
   A. EXCAVATE TEMPORARY SUMP TO ELEVATION 223' AND PROVIDE SUMP PIT. REMOVE IMPERVIOUS AREAS AS TO COMPLETE THIS WORK.
   B. DRILL WELLS AS INDICATED ON THE MECHANICAL PLANS. INSTALL WELL SYSTEM PIPING AND VAULT.
   C. ALL SURFACE RUNOFF WITHIN THE AREA OF DRILLING SHALL BE DIRECTED TO THE SUMP.
   D. CONTRACTOR SHALL STORE ALL WET EXCAVATED MATERIAL AND DRILLING FLUID/MUD IN CONTAINERS AND REMOVE AND DISPOSE OFF SITE IN ACCORDANCE WITH ALL STATE, FEDERAL AND LOCAL REGULATIONS.



VICINITY MAP
SCALE: 1"=2,000'



BUILDING DEMOLITION KEYNOTES

1. EXISTING BUILDING TO REMAIN. ONLY INTERIOR DEMOLITION.
2. DEMOLISH ENTIRE EXISTING BUILDING INCLUDING SLAB AND FOUNDATION.

LEGEND:

107	EXISTING CONTOUR
107	CONTOUR
	LIMIT OF DISTURBANCE
SCE	STABILIZED CONSTRUCTION ENTRANCE
AGIP / CIP	INLET PROTECTION
SF	SILT FENCE
SSF	SUPER SILT FENCE
SFOP	SILT FENCE ON PAVEMENT
	SAME DAY STABILIZATION
	STAGING AREA
	STOCKPILE AREA
SP	SUMP PIT
	TEMPORARY DISCHARGE HOSE
WR	WASH RACK
	GEOTHERMAL WELL
MB	MOUNTABLE BERM

"FOR SEDIMENT CONTROL ONLY"

NOTE TO CONTRACTOR: EROSION / SEDIMENT CONTROL WILL BE STRICTLY ENFORCED.

1"=40' 40' 0 40' 80'

MDE# 16-SF-0049

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479
DATE: 03/31/16
SCALE: 1" = 40'
DRAWING NAME

Phase A Sediment and Erosion Control Plan

C - 1.40

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STANDARD STABILIZATION NOTE

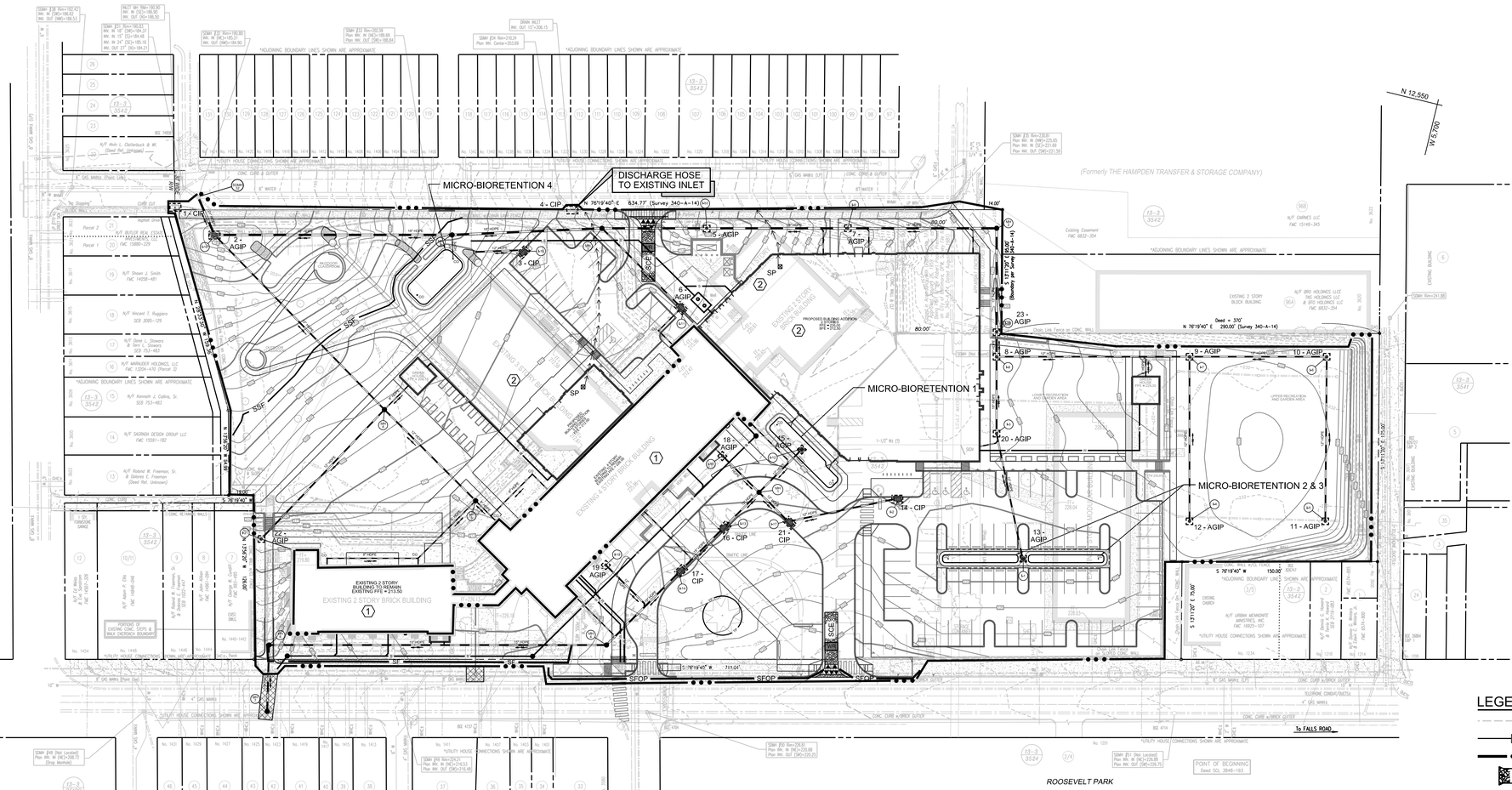
FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:

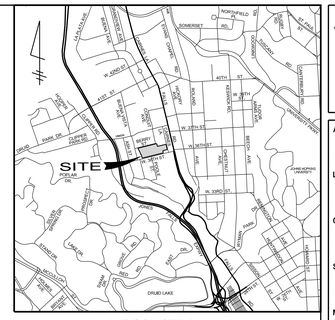
A.) THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND

B.) SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

SEQUENCE OF CONSTRUCTION - PHASE B

7. INSTALL PIPE FROM I-16 TO EXISTING MANHOLE SDMH 32 AND INLET.
8. PROVIDE AT-GRADE INLET PROTECTION ON I-16.
9. COMPLETE GRADING AND PROVIDE TEMPORARY STABILIZATION AT NORTHWEST CORNER OF SITE.
10. INSTALL SUPER-SILT FENCE.
11. COMPLETE SITE DEMOLITION INCLUDING BUILDING FOUNDATIONS.
12. BEGIN CONSTRUCTION OF NEW BUILDING.
13. BEGIN ROUGH GRADING AND PROVIDE TEMPORARY / PERMANENT STABILIZATION.
14. INSTALL NEW UTILITIES. PROVIDE INLET PROTECTION ON NEW INLETS.
15. INSTALL PAVING, WALKWAYS, BENCHES, AND LANDSCAPE FEATURES. PROVIDE FINISH GRADING.
16. UPON PERMANENT STABILIZATION OF DRAINAGE AREAS TO STORMWATER MANAGEMENT FACILITIES, INSTALL MICRO-BIORETENTION FACILITIES.
17. WITH WRITTEN APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL EROSION CONTROL MEASURES AND PERMANENTLY STABILIZE ALL REMAINING DISTURBED AREAS.
18. SUBMIT AS-BUILT SURVEY TO MDE FOR REVIEW AND ACCEPTANCE AT THE CONCLUSION OF CONSTRUCTION.





VICINITY MAP
SCALE: 1"=2,000'

BUILDING DEMOLITION KEYNOTES

1. EXISTING BUILDING TO REMAIN. ONLY INTERIOR DEMOLITION.
2. DEMOLISH ENTIRE EXISTING BUILDING INCLUDING SLAB AND FOUNDATION.

LEGEND:

- EXISTING CONTOUR
- CONTOUR
- LIMIT OF DISTURBANCE
- SCE — STABILIZED CONSTRUCTION ENTRANCE
- AGIP / CIP — INLET PROTECTION
- SF — SILT FENCE
- SSF — SUPER SILT FENCE
- SFOP — SILT FENCE ON PAVEMENT
- SAME DAY STABILIZATION
- STAGING AREA
- STOCKPILE AREA
- SP — SUMP PIT
- TEMPORARY DISCHARGE HOSE
- WR — WASH RACK
- GEOTHERMAL WELL
- MB — MOUNTABLE BERM

"FOR SEDIMENT CONTROL ONLY"

NOTE TO CONTRACTOR: EROSION / SEDIMENT CONTROL WILL BE STRICTLY ENFORCED.

1"=40' 40' 0 40' 80'

MDE# 16-SF-0049

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: 1" = 40'

DRAWING NAME

Phase B Sediment and Erosion Control Plan

C - 1.41

7/27/2016 3:47:42 PM chena

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STORMWATER MANAGEMENT NOTES

1. UNLESS OTHERWISE NOTED, ALL CONSTRUCTION AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH:

   BALTIMORE CITY DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.

   SOIL CONSERVATION SERVICE MARYLAND STANDARDS AND SPECIFICATIONS POND CODE 378.

   MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION, STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIAL.

2. THE CONTRACTOR SHALL MAINTAIN, REPAIR AND/OR REPLACE ANY EXISTING SEDIMENT CONTROL DEVICES ENCOUNTERED AND DISTURBED DURING THE COURSE OF CONSTRUCTION UNDER THIS CONTRACT. ALL SUCH DISTURBED DEVICES SHALL BE REPLACED BEFORE LEAVING THE WORK SITE AT THE END OF EACH DAY.

3. THE STORMWATER MANAGEMENT FACILITIES WILL BE MAINTAINED BY THE OWNER.

4. THIS PROJECT IS LOCATED WITHIN THE DIRECT HARBOR WATERSHED.

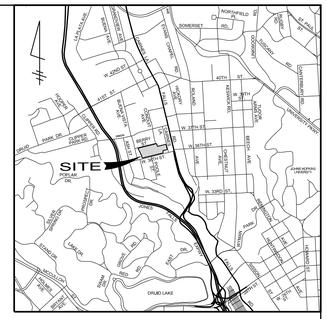
5. REFER TO EROSION AND SEDIMENT CONTROL PLANS FOR OVERALL SEQUENCE OF CONSTRUCTION.

STORMWATER MANAGEMENT SEQUENCE OF CONSTRUCTION

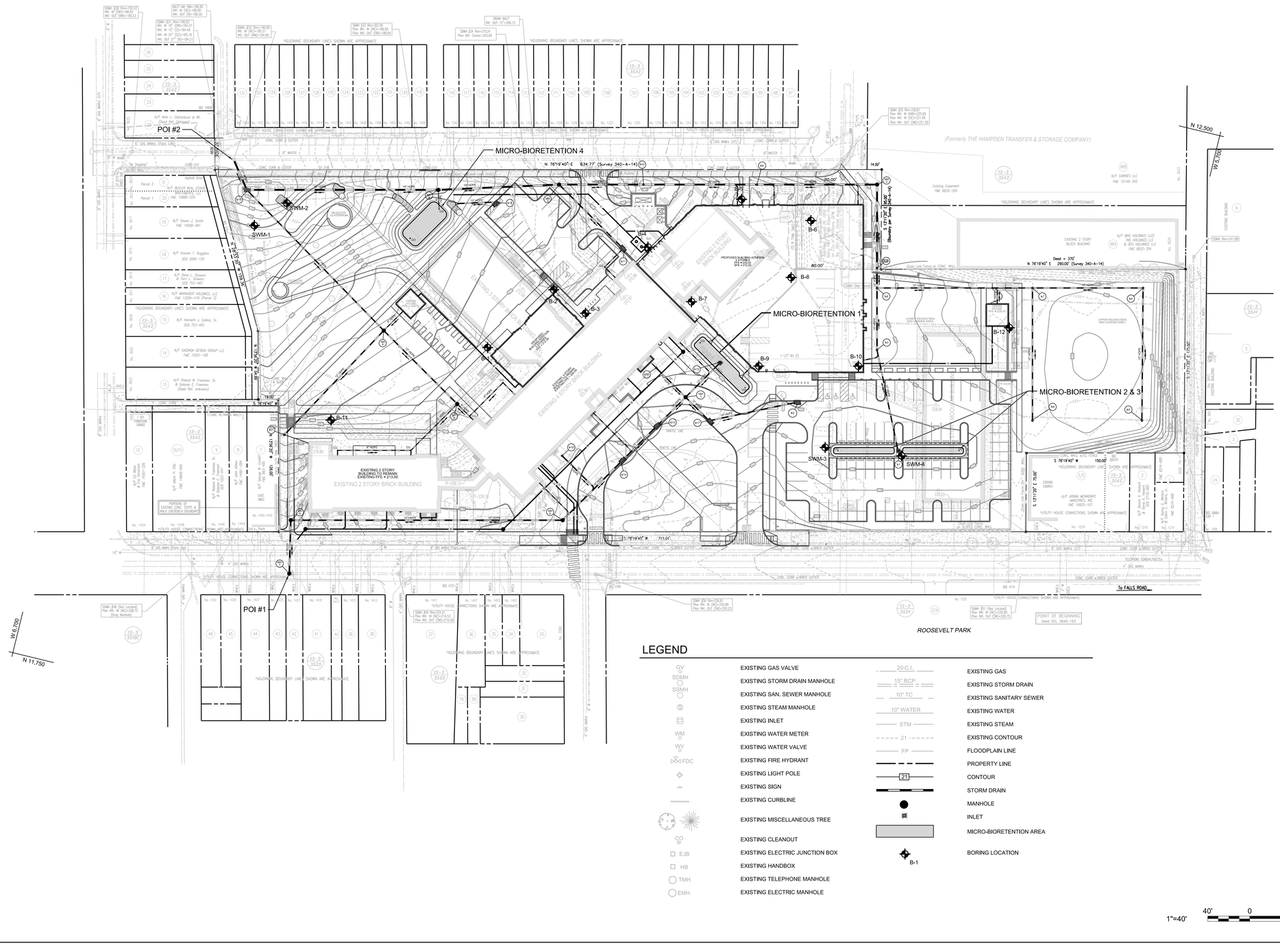
1. CONTRACTOR SHALL OBTAIN AND HAVE COPIES OF ALL NECESSARY PERMITS ON-SITE.
2. SUBMIT A NOTIFICATION AT LEAST 72 HOURS PRIOR TO START OF CONSTRUCTION STATING:
   - A. A REQUEST FOR A PRECONSTRUCTION MEETING,
   - B. WHEN CONTRACTOR INTENDS TO BEGIN CONSTRUCTION,
   - C. WHEN CONTRACTOR INTENDS TO INSTALL STORMWATER MANAGEMENT FACILITIES,
   - D. SOURCE OF BORROW MATERIAL,
   - E. LOCATION OF DISPOSAL AREA OF SITE MATERIAL,
   - F. CONTRACTOR'S TENTATIVE CLOSING DATE.
3. ONCE BUILDING HAS BEEN CONSTRUCTED, INSTALL SWM FACILITIES. NOTIFY SITE ENGINEER TO SCHEDULE SWM INSPECTION.
4. CONTINUE WITH DEVELOPMENT PER OVERALL SEQUENCE OF CONSTRUCTION NOTED ON E&S CONTROL PLANS. REFER TO SEDIMENT CONTROL PLANS FOR DETAILED SEQUENCE OF CONSTRUCTION.
5. WITHIN 30 DAYS OF COMPLETION OF THE STORMWATER MANAGEMENT STRUCTURE, PREPARE AND SUBMIT FINAL "AS-BUILT" PLANS.

GENERAL NOTES

1.	OWNER:	BALTIMORE CITY PUBLIC SCHOOLS 200 E. NORTH AVENUE BALTIMORE, MD 21202
2.	APPLICANT:	MARYLAND STADIUM AUTHORITY 33 WEST CAMBEN STREET, SUITE 500 BALTIMORE, MD 21201
3.	SITE INFORMATION:	1300 W. 36TH STREET BALTIMORE, MD 21211 WARD 1, SECTION 3, BLOCK 3542, LOT 6 AREA = 266,289 SF OR 6.11 AC
4.	ZONING:	EXISTING: R-7 PROPOSED: NO CHANGE
5.	CONTACT INFORMATION:	STV INCORPORATED 7125 AMBASSADOR ROAD, SUITE 200 BALTIMORE, MD 21244 ATTN.: ADDISON PALMER PH.: (410) 944-9112



VICINITY MAP
SCALE: 1"=2,000'



LEGEND

GV	EXISTING GAS VALVE	20-C.I.	EXISTING GAS
SDMH	EXISTING STORM DRAIN MANHOLE	15" RCP	EXISTING STORM DRAIN
SSMH	EXISTING SAN. SEWER MANHOLE	10" TC	EXISTING SANITARY SEWER
S	EXISTING STEAM MANHOLE	10" WATER	EXISTING WATER
	EXISTING INLET	STM	EXISTING STEAM
WM	EXISTING WATER METER	21	EXISTING CONTOUR
WV	EXISTING WATER VALVE	FP	FLOODPLAIN LINE
FDC	EXISTING FIRE HYDRANT		PROPERTY LINE
	EXISTING LIGHT POLE	21	CONTOUR
	EXISTING SIGN		STORM DRAIN
	EXISTING CURBLINE		MANHOLE
	EXISTING MISCELLANEOUS TREE		INLET
CO	EXISTING CLEANOUT		MICRO-BIORETENTION AREA
EJB	EXISTING ELECTRIC JUNCTION BOX	B-1	BORING LOCATION
HB	EXISTING HANDBOX		
TMH	EXISTING TELEPHONE MANHOLE		
EMH	EXISTING ELECTRIC MANHOLE		

1"=40' 40' 0 40' 80'

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479
DATE: 03/31/16
SCALE: 1" = 40'
DRAWING NAME
Stormwater Management Plan

C - 1.50

I:\Projects\3017479\3017479_0001\90_CAD Models and Sheets\04_C_Civil\Construction Documents\C-150-ROB.dgn

STORMWATER MAINTENANCE SCHEDULE
MICRO-BIORETENTION

INSPECTION ITEM	FREQUENCY OF INSPECTION	INSPECTION REQUIREMENTS	REMEDIAL ACTION
BIORETENTION BASIN	SEASONALLY AND AFTER MAJOR STORM		
DEWATERING		FACILITY MUST DEWATER WITHIN 48 HOURS OF RAINFALL. NOTICEABLE ODORS, STAINED WATER ON THE FILTER SURFACE OR AT THE OUTLET, OR THE PRESENCE OF ALGAE OR AQUATIC VEGETATION ARE INDICATORS OF ANAEROBIC CONDITIONS, AND INADEQUATE DEWATERING OF THE FACILITY.	THE TOP THREE INCHES OF SOIL SHOULD BE REMOVED AND REPLACED WITH SOIL MATERIAL AS PER PLAN SPECIFICATIONS. FOLLOW UP INSPECTIONS MUST CONFIRM ADEQUATE DEWATERING. IF THE FACILITY DOES NOT FUNCTION AS INDICATED AFTER THE ABOVE ACTION, THE ENTIRE FILTER AND UNDERDRAIN SYSTEM MAY NEED MAINTENANCE. MDE APPROVAL MAY BE NECESSARY.
MULCH LAYER		CHECK MULCH FOR ADEQUATE COVER, SEDIMENT ACCUMULATION, OR DISCOLORATION.	REPLACE AND REMOVE OLD MULCH AND EXCESS SEDIMENTS. PROVIDE ADEQUATE MULCH COVER ACCORDING TO APPROVED DESIGN.
VEGETATIVE SURFACES	MONTHLY		
PLANT COMPOSITION AND HEALTH		COMPARE PLANT COMPOSITION WITH APPROVED PLANS. CHECK FOR INVASIVE SPECIES OR WEEDS. CHECK FOR DEAD OR DYING VEGETATION.	REMOVE AND REPLACE PLANTS IN ACCORDANCE WITH PLAN SPECIFICATIONS.
VEGETATIVE COVER AND EROSION		CHECK FOR EVIDENCE OF EROSION, RUNOFF CHANNELIZING, OR BARE SPOTS.	RE-SEED OR RE-PLANT IN ACCORDANCE WITH APPROVED LANDSCAPING PLANS. RE-GRADING MAY BE REQUIRED WHEN CONCENTRATED FLOW CAUSED RILLS OR GULLYING THROUGH THE FACILITY.
DEBRIS AND TRASH CLEANOUT	MONTHLY	CHECK THAT THE FACILITY IS CLEAN OF TRASH AND DEBRIS. INLETS, OUTLETS, AND CONTRIBUTING AREAS AROUND THE FACILITY MUST BE CHECKED.	TRASH AND DEBRIS MUST BE DISPOSED OF IN AN ACCEPTABLE MANNER ACCORDING TO CURRENT REGULATIONS.
STURCTURAL COMPONENTS	ANNUALLY	CHECK FOR EVIDENCE OF STRUCTURAL DETERIORATION SPALLING, OR CRACKING. INLET AND OUTLET STRUCTURES MUST BE IN GOOD CONDITION.	REPAIR TO GOOD CONDITION ACCORDING TO SPECIFICATIONS ON THE APPROVED PLANS.
OUTLETS	SEASONALLY AND AFTER MAJOR STORM	CHECK FOR EVIDENCE OF EROSION, RILLS, OR GULLYING.	STABILIZE ALL ERODED AREAS AND GRADE TO PROVIDE STABLE CONVEYANCE.
		RIPRAP OUTLET MUST BE MAINTAINED IN GOOD FUNCTIONAL CONDITION.	REPAIR ACCORDING TO APPROVED PLAN.
PRETREATMENT FOREBAYS	SEASONALLY AND AFTER MAJOR STORM		
SEDIMENT ACCUMULATION		CHECK FOR SEDIMENT ACCUMULATION IN THE FOREBAY.	WHEN THE FOREBAY DEPTH IS LESS THAN HALF THE PROPOSED DESIGN, SEDIMENT MUST BE REMOVED AND THE FOREBAY RESTORED ACCORDING TO THE APPROVED DESIGN.
SAND LAYER		CHECK SAND FOR STAINING AND SEDIMENT ACCUMULATION.	REPLACE FIRST THREE INCHES OF SAND LAYER WITH SAND MATERIALS PER PLAN SPECIFICATIONS.
GRAVEL DIAPHRAGM		CHECK GRAVEL DIAPHRAGM FOR SEDIMENT ACCUMULATION AND EVIDENCE OF EROSION.	STABILIZE OR REPLACE GRAVEL ACCORDING TO PLAN SPECIFICATIONS.
GRASS CHANNEL CONVEYANCE SYSTEMS	SEASONALLY AND AFTER A MAJOR STORM	CHECK FOR EROSION, FLOW BLOCKAGES AND STABLE CONVEYANCE.	STABILIZE AND GRADE ACCORDING TO APPROVED PLAN.
OVERALL FUNCTION OF THE FACILITY	ANNUALLY	CHECK THAT FLOW SPLITTERS ARE FUNCTIONING AS DESIGNED AND THAT BYPASS IS OPERATING AS DESINGED.	CONSTRUCTION MUST BE IN ACCORDANCE WITH APPROVED PLANS.

* FIELD CONDITIONS MAY REQUIRE A MODIFICATION TO THE ORIGINAL APPROVAL IN ORDER TO ACHIEVE THE INTENDED DESIGN FUNCTION. CONTACT MDE'S SEDIMENT AND STORMWATER MANAGEMENT PLAN REVIEW DIVISION AT 410-537-3563 FOR REVIEW AND APPROVAL OF PROPOSED MODIFICATIONS.

EXISTING IMP. AREA	2.81 AC
PROPOSED IMP. AREA	2.37 AC
NEW IMP. AREA (PROPOSED IMP. AREA - EXISTING. IMP. AREA)	-0.44 AC
REDEVELOPMENT IMP. AREA (1/2 EXIST. IMP. AREA)	1.41 AC
TOTAL IMP. AREA TO TREAT (REDEV. + NEW IMP.)	0.97 AC
TOTAL IMP. AREA TREATED BY ESD PRACTICES	1.01 AC

	VOLUME REQUIRED (CUBIC FEET)	VOLUME PROVIDED (CUBIC FEET)	EXISTING DISCHARGE		PROPOSED DISCHARGE	
			POI 1	POI 2	POI 1	POI 2
ESDv	4,137	4,650	N/A	N/A	N/A	N/A
REv	N/A	593	N/A	N/A	N/A	N/A
CPv	N/A	N/A	4.17	11.14	3.89	10.58
Q_{10}	N/A	N/A	9.13	27.01	8.95	26.34
Q_{100}	N/A	N/A	13.03	39.63	12.94	38.95

PRACTICE	DIMENSIONS	DRAINAGE AREA (AC)	IMP. AREA (AC)	TREATMENT VOLUME, ESD$_v$ (CF)	RECHARGE VOLUME (CF)	REQUIRED P_e	PROVIDED P_e
MICRO-BIORETENTION 1	AREA = 810 SF	0.35	0.29	1,203	202.5	1.0"	1.2"
MICRO-BIORETENTION 2	AREA = 342 SF	0.37	0.23	802	85.5	1.0"	0.8"
MICRO-BIORETENTION 3	AREA = 342 SF	0.35	0.22	776	85.5	1.0"	0.8"
MICRO-BIORETENTION 4	AREA = 878 SF	0.50	0.27	1,869	219.5	1.0"	1.9"

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/WE HEREBY AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATION BE APPROPRIATE INSPECTION AND ENFORCEMENT AUTHORITY OR THE STATE OF MARYLAND, DEPARTMENT OF THE ENVIRONMENT.

7/24/16
DATE

OWNER / DEVELOPER SIGNATURE

#364/19
CARD NO.

Eric R. Johnson - Vice President
PRINTED NAME AND TITLE

AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE STORMWATER MANAGEMENT FACILITY (BOTH BMP'S AND ESD PRACTICES) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS APPROVED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, EXCEPT AS NOTED IN RED AN THE "AS-BUILT" DRAWINGS.

MICRO-BIORETENTION FACILITY 1 — MICRO-BIORETENTION FACILITY 2
MICRO-BIORETENTION FACILITY 3 — MICRO-BIORETENTION FACILITY 4

NAME — SIGNATURE

MARYLAND REGISTRATION NUMBER (PE OR LS) — DATE

16-SF-0049
MDE NO.

DESIGN CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I & II INCLUDING SUPPLEMENTS, THE ENVIRONMENT ARTICLE SECTIONS 4-101 THROUGH 4-116 AND SECTIONS 4-201 AND 215, AND THE CODE OF MARYLAND REGULATIONS (COMAR) 26.17.01 AND COMAR 26.17.02 FOR EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT, RESPECTIVELY.

DATE — DESIGNER'S SIGNATURE

MD. REGISTRATION NO. 36749 — LAURENT MOUNAUD
(P.E.) R.L.S., RLS, OR R.A. (CIRCLE ONE) — PRINTED NAME

TABLE B.4.1: MATERIAL SPECIFICATIONS FOR MICRO-BIORETENTION, RAIN GARDENS AND LANDSCAPE INFILTRATION

MATERIAL	SPECIFICATION	SIZE	NOTES
PLANTINGS	REFER TO LANDSCAPE PLANS	N/A	PLANTINGS ARE SITE SPECIFIC
PLANTING SOIL	SEE SHA BSM ON THIS SHEET	N/A	SHA BIORETENTION SOIL MIX, SEE SPECIFICATION THIS SHEET
MULCH	SHREDDED HARDWOOD	-	AGED 6 MONTHS, MINIMUM
PEA GRAVEL	PEA GRAVEL, ASTM-D-448	NO. 8 OR NO.9 (1/8" TO 3/8")	-
GEOTEXTILE	CLASS "C" - APPARENT OPENING SIZE (ASTM-D-4751), GRAB TENSILE STRENGTH (ASTM-D4632), PUNCTURE RESISTANCE (ASTM-D-4833)	N/A	-
UNDERDRAIN GRAVEL	AASHTO M-43	0.375" TO 0.75"	-
UNDERDRAIN PIPING	F 758, TYPE PS 28 OR AASHTO M-278	6" RIGID SCHEDULE 40 PVC OR SDR35	3/8" PERF. @ 6" ON CENTER, 4 HOLES PER ROW; MINIMUM OF 3" OF GRAVEL OVER PIPES; NOT NECESSARY UNDERNEATH PIPES
CURTIN DRAIN	ORNAMENTAL STONE: WASHED COBBLES	STONE: 2" TO 5"	-
POURED IN PLACE CONCRETE (IF REQUIRED)	MSHA MIX NO. 3; F'C = 3500 PSI @ 28 DAYS, NORMAL WEIGHT, AIR-ENTRAINED; REINFORCING 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 [H-10 OR H-20]; ALLOWABLE HORIZONTAL LOADING (BASED ON SOIL PRESSURES); AND ANALYSIS OF POTENTIAL CRACKING
SAND	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.

COMPOSITION - SHA BIORETENTION SOIL MIX (BSM)

TEST PROPERTY	TEST METHOD	TEST VALUE AND AMENDMENT				
WEEDS	-	FREE OF SEED AND VIABLE PLANT PARTS OF SPECIES IN 920.06.02(a)(b)(c) WHEN INSPECTED.				
DEBRIS	-	920.01.05(a)(2)				
TEXTURAL ANALYSIS	T 88		PARTICLE		% PASSING BY WEIGHT	
			SIZE	MM	MINIMUM	MAXIMUM
			SAND	2.0 - 0.050	55	85
			SILT	0.050 - 0.002	-	20
			CLAY	LESS THAN 0.002	1	8
SOIL PH	D 4972	pH OF 5.7 TO 7.1.				
ORGANIC MATTER	T 194	MINIMUM 1.5% BY WEIGHT.				
NUTRIENT ANALYSIS AND SOLUBLE SALTS	MEHLICH-3		CONCENTRATION			
			ELEMENT	MINIMUM		MAXIMUM
				PPM	FIV	PPM / FIV
			CALCIUM (Ca)	32	25	NO LIMIT / NO LIMIT
			MAGNESIUM (Mg)	15	25	NO LIMIT / NO LIMIT
			PHOSPHORUS (P)	18	25	92 / 100
			POTASSIUM (K)	22	25	NO LIMIT / NO LIMIT
			SULFUR (SO_4)	25	N/A	NO LIMIT / NO LIMIT
	EC1:2 (V:V)	SOLUBLE SALTS	40	N/A	500	N/A
HARMFUL MATERIALS	-	920.01.01(a)				

INSPECTION REQUIREMENTS DURING CONSTRUCTION FOR AS-BUILT CERTIFICATION

AT A MINIMUM, REGULAR INSPECTIONS SHALL BE MADE AND DOCUMENTED AT THE FOLLOWING SPECIFIED STAGES OF CONSTRUCTION

A. FILTERING SYSTEMS:

1. DURING EXCAVATION TO SUBGRADE
2. DURING PLACEMENT AND BACKFILL OF UNDERDRAIN SYSTEMS;
3. DURING PLACEMENT OF GEOTEXTILES AND ALL FILTER MEDIA
4. DURING CONSTRUCTION OF PERTINENT CONVEYANCE SYSTEMS SUCH AS FLOW DIVERSION STRUCTURES, PRE-FILTERS AND FILTERS, INLETS, OUTLETS, ORIFICES, AND FLOW DISTRIBUTION STRUCTURES AND,
5. UPON COMPLETION OF FINAL GRADING AND ESTABLISHMENT PERMANENT STABILIZATION.

B. RECORD DOCUMENTS

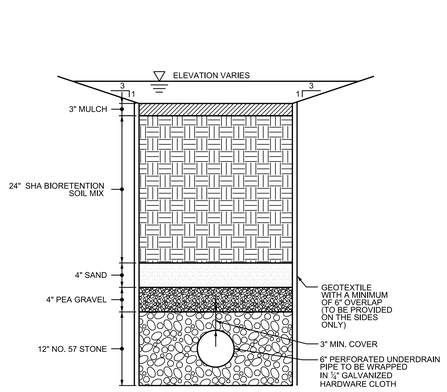
SUBMIT COPIES OF:
1. GEOTECHNICAL INPECTION REPORTS
2. MATERIAL DELIVERY TICKETS

C. ONCE CONSTRUCTION IS COMPLETE, AN AS-BUILT PLAN CERTIFICATION SHALL BE SUBMITTED TO THE CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS OFFICE OF COMPLIANCE AND LABORATORIES BY THE AS-BUILT INSPECTOR TO ENSURE THAT THE CONSTRUCTED STORMWATER MANAGEMENT PRACTICES AND CONVEYANCE SYSTEMS COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE APPROVED PLANS. AT A MINIMUM, THE AS-BUILT CERTIFICATION SHALL INCLUDE A SET OF DRAWINGS COMPARING THE APPROVED STORMWATER MANAGEMENT PLAN WITH WHAT WAS CONSTRUCTED. THE CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS OFFICE OF COMPLIANCE AND LABORATORIES MAY REQUIRE ADDITIONAL INFORMATION.

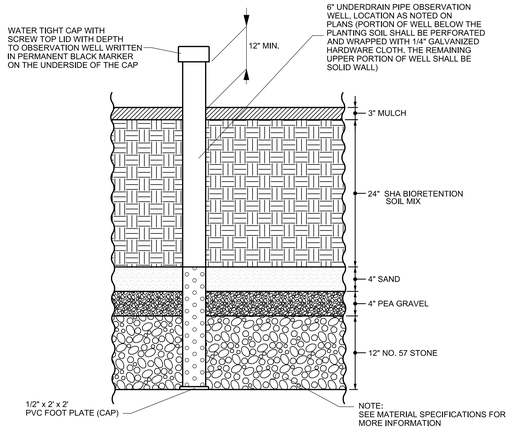
CONTRACTORS "AS-BUILT" NOTE

AS-BUILT PLANS AND CERTIFICATION ARE REQUIRED FOR THIS STORMWATER MANAGEMENT FACILITY. THESE MUST BE PREPARED AND SEALED BY THE AS-BUILT INSPECTOR, A REGISTERED PROFESSIONAL ENGINEER OR PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF MARYLAND. BALTIMORE CITY WILL NOT PERFORM THE INSPECTION OR PREPARE THE AS-BUILT PLANS OR CERTIFICATION. THE STORMWATER MANAGEMENT PERMIT SECURITY WILL NOT BE RELEASED UNTIL THE AS-BUILT PLAN AND CERTIFICATION ARE APPROVED BY BALTIMORE CITY.

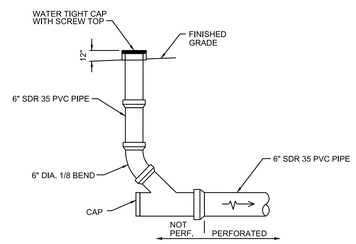
IN ORDER TO PREPARE THE REQUIRED AS-BUILT PLANS AND CERTIFICATION, THIS STORMWATER MANAGEMENT FACILITY MUST BE INSPECTED BY THE AS-BUILT INSPECTOR AT SPECIFIC STAGES DURING CONSTRUCTION AS REQUIRED BY THE CURRENT BALTIMORE CITY STORMWATER MANAGEMENT POLICY AND DESIGN MANUAL. THE CONTRACTOR SHALL NOTIFY THE AS-BUILT INSPECTOR AT LEAST (5) WORKING DAYS PRIOR TO STARTING ANY WORK SHOWN ON THESE PLANS.



TYPICAL MICRO-BIORETENTION SECTION
NOT TO SCALE



OBSERVATION WELL DETAIL
NOT TO SCALE



TYPICAL CLEANOUT DETAIL
NOT TO SCALE

MDE# 16-SF-0049

JRS ARCHITECTS
2010 Clipper Park Rd.
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410.235.7256

ASSOCIATE ARCHITECT
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PHILADELPHIA, PA 19127

LANDSCAPE ARCHITECT
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AVIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 36749 EXPIRATION DATE: JANUARY 21, 2017.

No.	DATE	DESCRIPTION

PROJECT No.: 3017479
DATE: 03/31/16
SCALE: AS NOTED
DRAWING NAME

Stormwater Management Notes & Details

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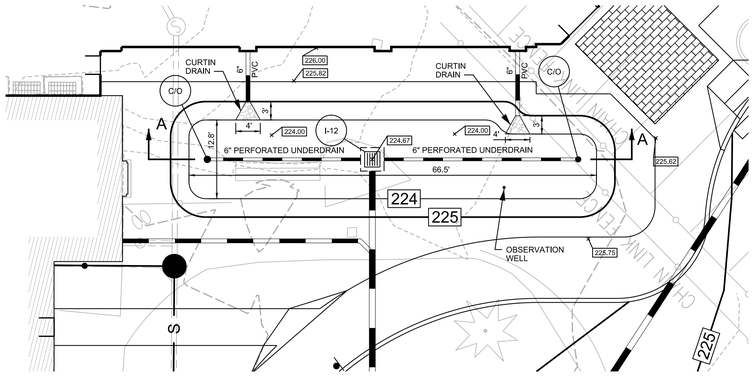
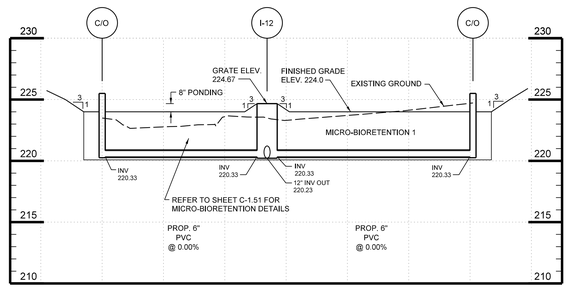


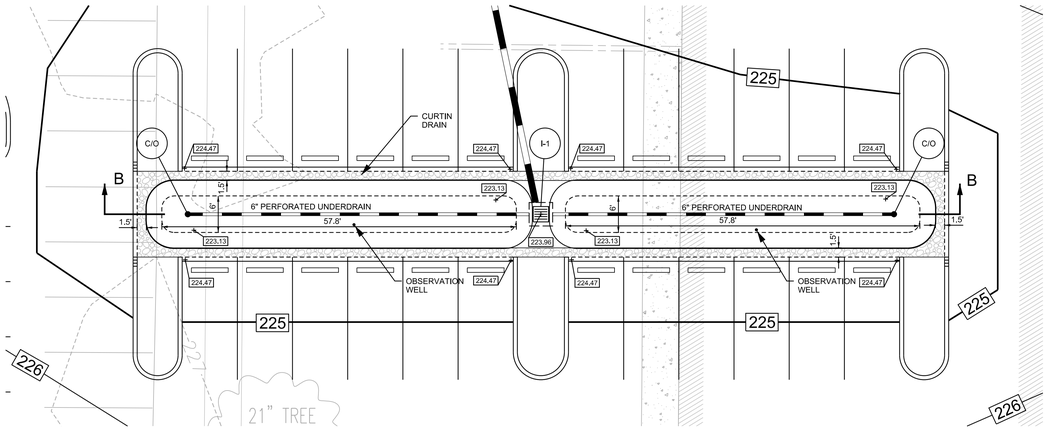
MICRO-BIORETENTION 1

SCALE: 1" = 10'



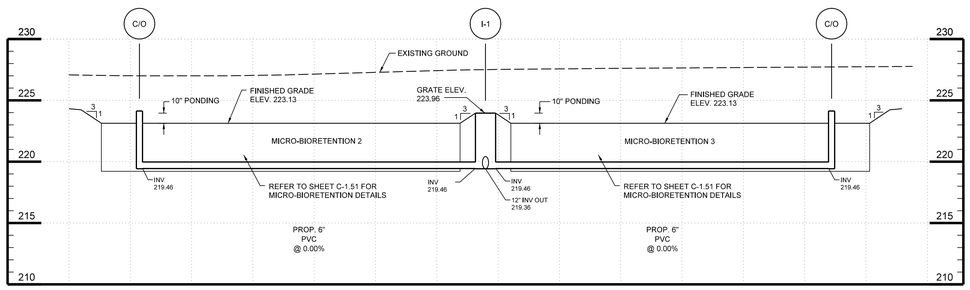
SECTION A-A

SCALE: HORZ. 1" = 10'
VERT. 1" = 5'



MICRO-BIORETENTION 2 AND 3

SCALE: 1" = 10'



SECTION B-B

SCALE: HORZ. 1" = 10'
VERT. 1" = 5'

PROJECT: ROBERT POOLE	MDE NO. 16-SF-0049

AS-BUILT DATA FOR FILTERS MICRO-BIORETENTION FACILITY 1

* TO BE COMPLETED BY THE CERTIFYING ENGINEER

TYPE OF FACILITY	DESIGN	*AS-BUILT
FILTER BED AREA	810 SF (67' x 13')	
FILTER BED SURFACE ELEVATION	224.00	
GEOTEXTILE	PE TYPE 1 NON-WOVEN	
PLANTINGS	PER LANDSCAPING PLANS	
COMPOSITION OF FILTER MATERIAL	SHA BSM	
OUTLET PIPE SIZE / INVERT ELEVATION	12", 220.23	
UNDERDRAIN SIZE / INVERT ELEVATION	6", 220.33	
OVERFLOW STRUCTURE WEIR ELEVATION	224.67	
MULCH THICKNESS / TOP ELEVATION	3" / 224.00	
BIORETENTION SOIL MIX THICKNESS / TOP ELEV.	24" / 223.75	
SAND THICKNESS / TOP ELEVATION	4" / 221.75	
PEA GRAVEL DIAPHRAGM / TOP ELEVATION	4" / 221.42	
GRAVEL THICKNESS / TOP ELEVATION	12" / 221.08	
OUTLET STRUCTURE LOCATION (MD STATE PLANE)	N:594980.7811 E: 1417766.3389	
OBSERVATION WELL LOCATION (MD STATE PLANE)	N:595022.2527 E: 1417728.4570	

PROJECT: ROBERT POOLE	MDE NO. 16-SF-0049

AS-BUILT DATA FOR FILTERS MICRO-BIORETENTION FACILITY 2

* TO BE COMPLETED BY THE CERTIFYING ENGINEER

TYPE OF FACILITY	DESIGN	*AS-BUILT
FILTER BED AREA	342 SF (58' x 6')	
FILTER BED SURFACE ELEVATION	223,13	
GEOTEXTILE	PE TYPE 1 NON-WOVEN	
PLANTINGS	PER LANDSCAPING PLANS	
COMPOSITION OF FILTER MATERIAL	SHA BSM	
OUTLET PIPE SIZE / INVERT ELEVATION	12", 219,36	
UNDERDRAIN SIZE / INVERT ELEVATION	6", 219,46	
OVERFLOW STRUCTURE WEIR ELEVATION	223.96	
MULCH THICKNESS / TOP ELEVATION	3" / 223,13	
BIORETENTION SOIL MIX THICKNESS / TOP ELEV.	24" / 222.88	
SAND THICKNESS / TOP ELEVATION	4" / 220.88	
PEA GRAVEL DIAPHRAGM / TOP ELEVATION	4" / 220,55	
GRAVEL THICKNESS / TOP ELEVATION	12" / 220.22	
OUTLET STRUCTURE LOCATION (MD STATE PLANE)	N:594980.7811 E: 1417766.3389	
OBSERVATION WELL LOCATION (MD STATE PLANE)	N:595022.2527 E: 1417728.4570	

PROJECT: ROBERT POOLE	MDE NO. 16-SF-0049

AS-BUILT DATA FOR FILTERS MICRO-BIORETENTION FACILITY 3

* TO BE COMPLETED BY THE CERTIFYING ENGINEER

TYPE OF FACILITY	DESIGN	*AS-BUILT
FILTER BED AREA	342 SF (58' x 6')	
FILTER BED SURFACE ELEVATION	223,13	
GEOTEXTILE	PE TYPE 1 NON-WOVEN	
PLANTINGS	PER LANDSCAPING PLANS	
COMPOSITION OF FILTER MATERIAL	SHA BSM	
OUTLET PIPE SIZE / INVERT ELEVATION	12", 219,36	
UNDERDRAIN SIZE / INVERT ELEVATION	6", 219,46	
OVERFLOW STRUCTURE WEIR ELEVATION	223.96	
MULCH THICKNESS / TOP ELEVATION	3" / 223.13	
BIORETENTION SOIL MIX THICKNESS / TOP ELEV.	24" / 222.88	
SAND THICKNESS / TOP ELEVATION	4" / 220.88	
PEA GRAVEL DIAPHRAGM / TOP ELEVATION	4" / 220,55	
GRAVEL THICKNESS / TOP ELEVATION	12" / 220.22	
OUTLET STRUCTURE LOCATION (MD STATE PLANE)	N:594980.7811 E: 1417766.3389	
OBSERVATION WELL LOCATION (MD STATE PLANE)	N:595022.2527 E: 1417728.4570	

MDE# 16-SF-0049

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No.	DATE	DESCRIPTION
1	04/22/16	ADDENDUM #2

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: AS NOTED

DRAWING NAME

Stormwater Management Details

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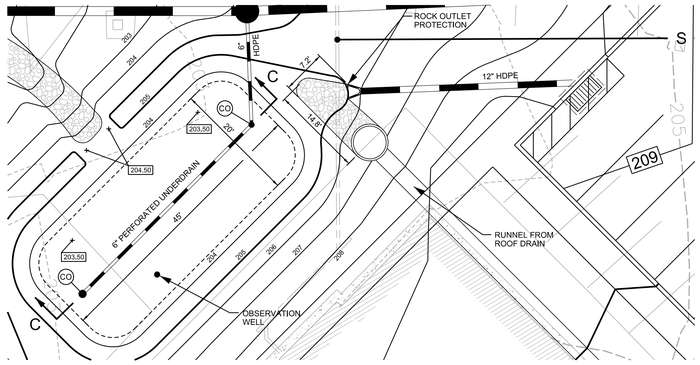


MICRO-BIORETENTION 4

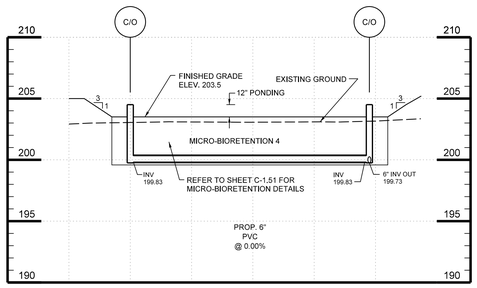
SCALE: 1" = 10'

PROJECT: ROBERT POOLE	MDE NO. 16-SF-0049

AS-BUILT DATA FOR FILTERS
MICRO-BIORETENTION FACILITY 4

* TO BE COMPLETED BY THE CERTIFYING ENGINEER

TYPE OF FACILITY	DESIGN	*AS-BUILT
FILTER BED AREA	878 SF (45' x 20')	
FILTER BED SURFACE ELEVATION	203.50	
GEOTEXTILE	PE TYPE 1 NON-WOVEN	
PLANTINGS	PER LANDSCAPING PLANS	
COMPOSITION OF FILTER MATERIAL	SHA BSM	
OUTLET PIPE SIZE / INVERT ELEVATION	6", 199.73	
UNDERDRAIN SIZE / INVERT ELEVATION	6", 199.83	
OVERFLOW STRUCTURE WEIR ELEVATION	204.50	
MULCH THICKNESS / TOP ELEVATION	3" / 203.50	
BIORETENTION SOIL MIX THICKNESS / TOP ELEV.	24" / 203.25	
SAND THICKNESS / TOP ELEVATION	4" / 201.25	
PEA GRAVEL DIAPHRAGM / TOP ELEVATION	4" / 200.92	
GRAVEL THICKNESS / TOP ELEVATION	12" / 200.59	
OBSERVATION WELL LOCATION (MD STATE PLANE)	N:595022.2527 E: 1417728.4570	



SECTION C-C

SCALE: HORZ. 1" = 10'
VERT. 1" = 5'

MDE# 16-SF-0049

JRS ARCHITECTS
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NYIKOS ASSOCIATES
15219A FLOWER HILL WAY
GAITHERSBURG, MD 20879

AVIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 46780, EXPIRATION DATE: JUNE 7, 2017.

No.	DATE	DESCRIPTION

PROJECT No.: 3017479
DATE: 03/31/16
SCALE: AS NOTED
DRAWING NAME

Stormwater Management Details

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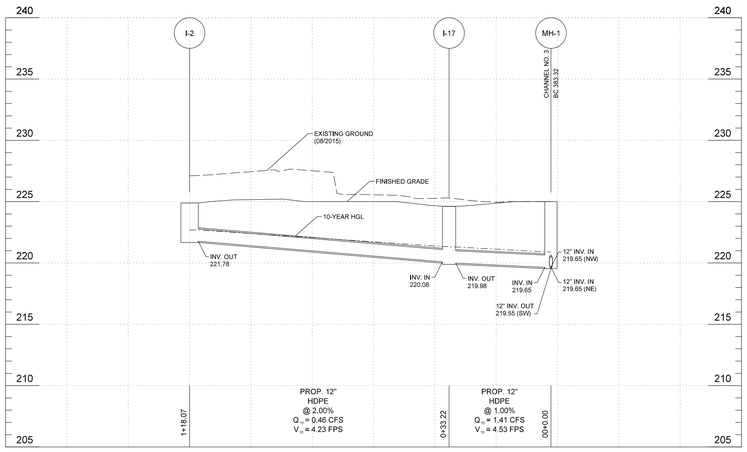
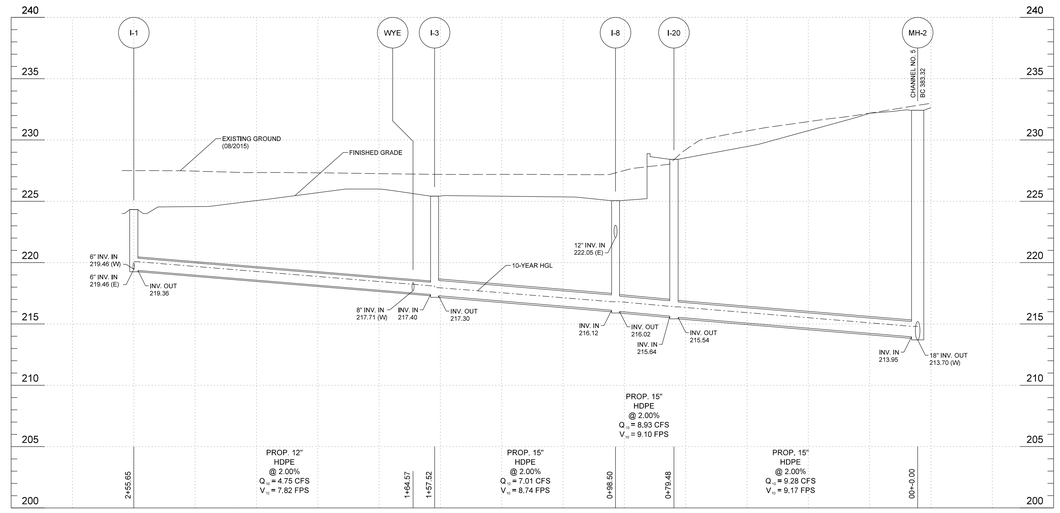


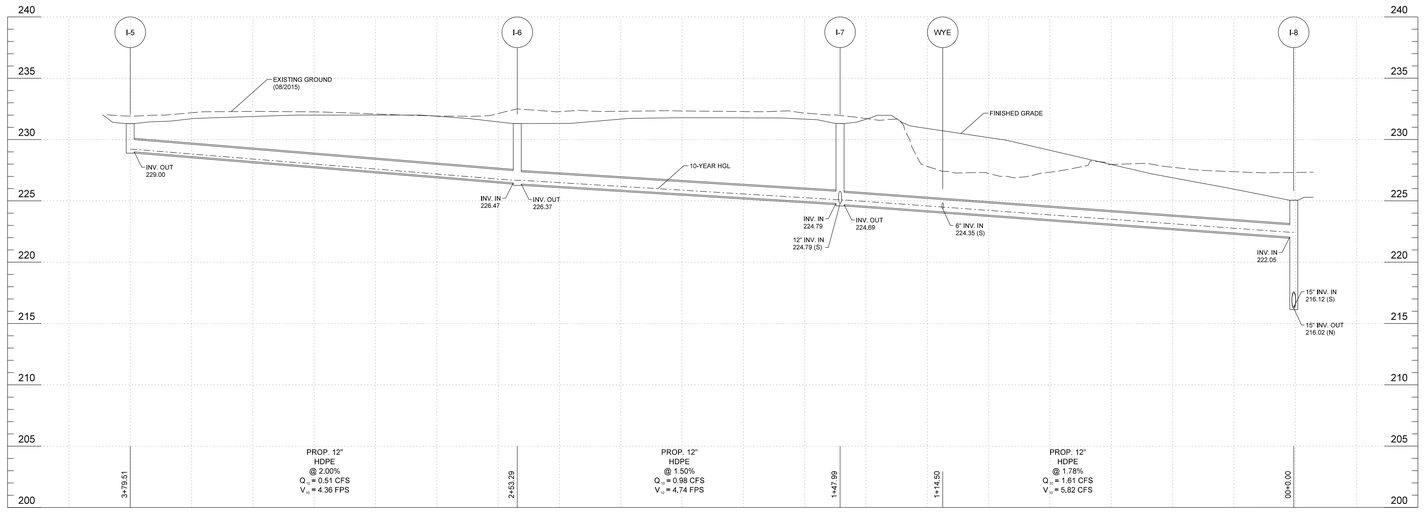
STORM DRAIN PROFILE

SCALE: 1" = 20' HORZ.
1" = 5' VERT.



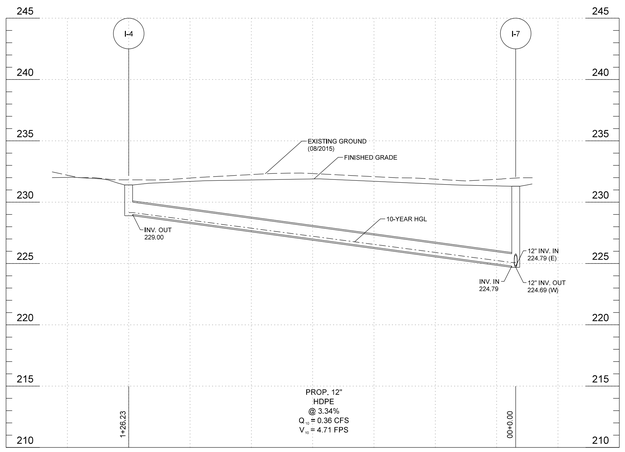
STORM DRAIN PROFILE

SCALE: 1" = 20' HORZ.
1" = 5' VERT.



STORM DRAIN PROFILE

SCALE: 1" = 20' HORZ.
1" = 5' VERT.



STORM DRAIN PROFILE

SCALE: 1" = 20' HORZ.
1" = 5' VERT.

1"=20' HORIZ. 20' 0 20' 40'

1"=5' VERT. 5' 0 5' 10'

MDE# 16-SF-0049

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: AS NOTED

DRAWING NAME

Utility Profiles

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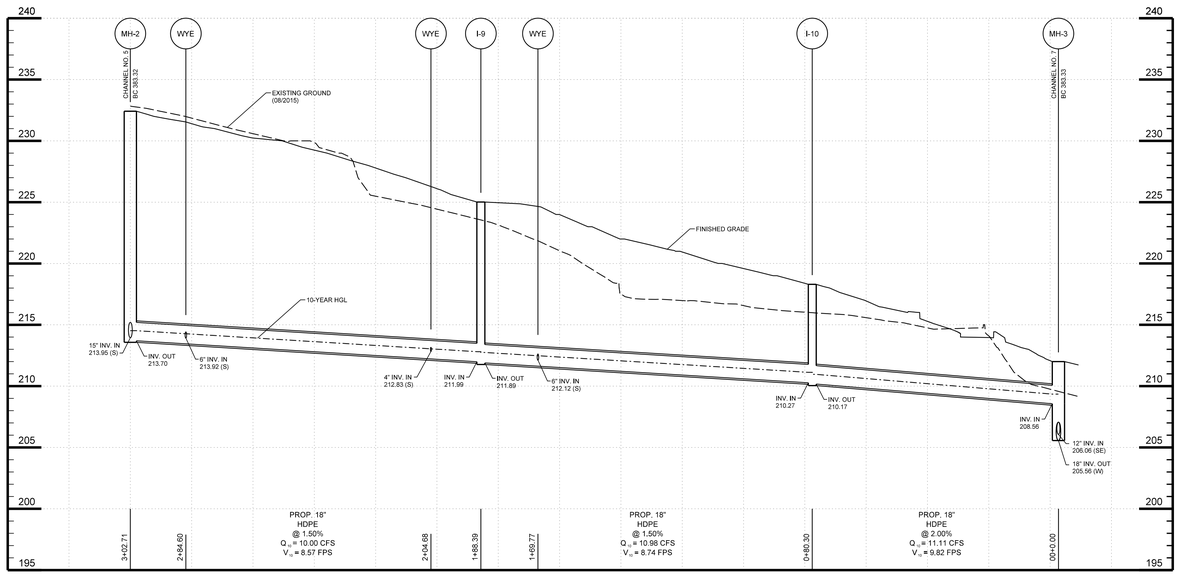

STORM DRAIN PROFILE

SCALE: 1" = 20' HORZ.
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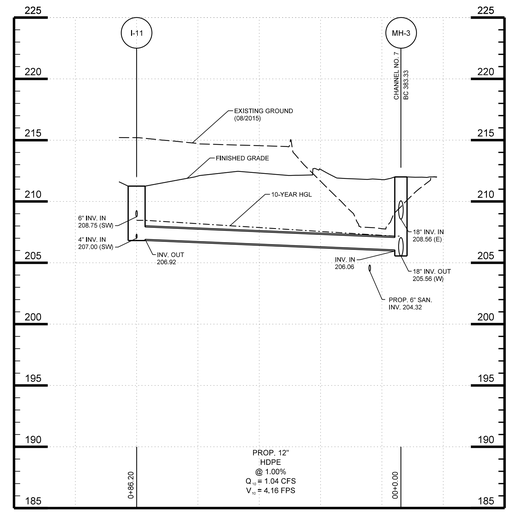

STORM DRAIN PROFILE

SCALE: 1" = 20' HORZ.
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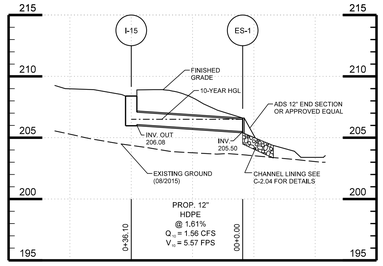

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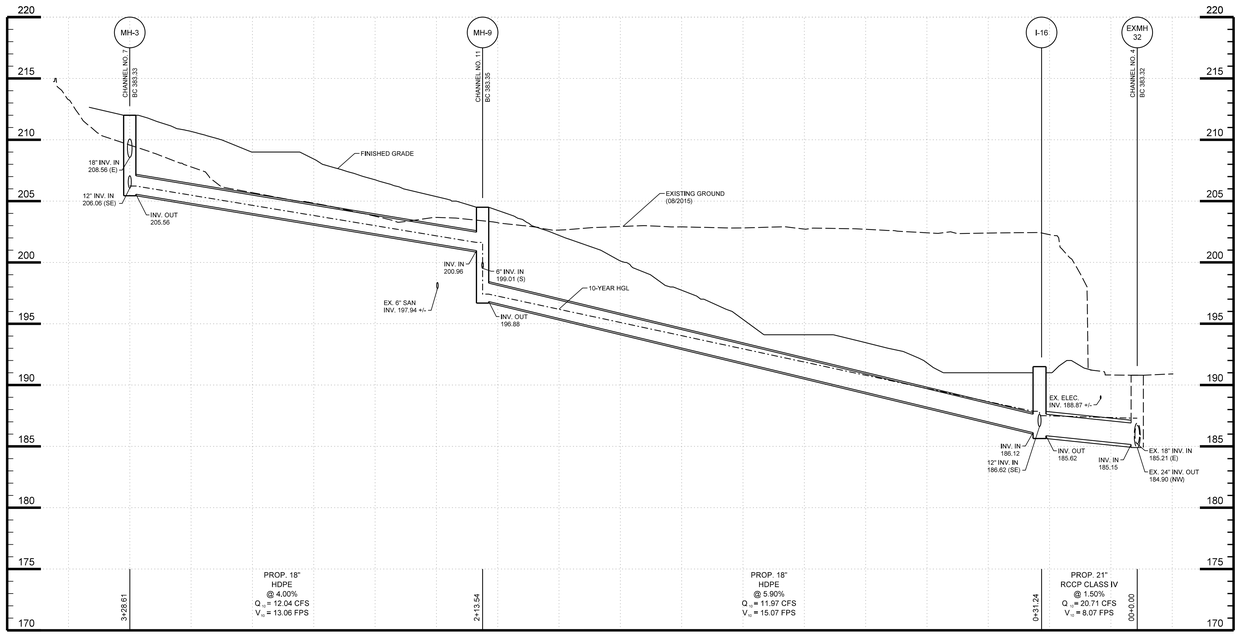

STORM DRAIN PROFILE

SCALE: 1" = 20' HORZ.
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1"=20' HORIZ. 20' 0 20' 40'

1"=5' VERT. 5' 0 5' 10'

MDE# 16-SF-0049

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No.	DATE	DESCRIPTION
1	04/22/16	ADDENDUM #2

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: AS NOTED

DRAWING NAME

Utility Profiles

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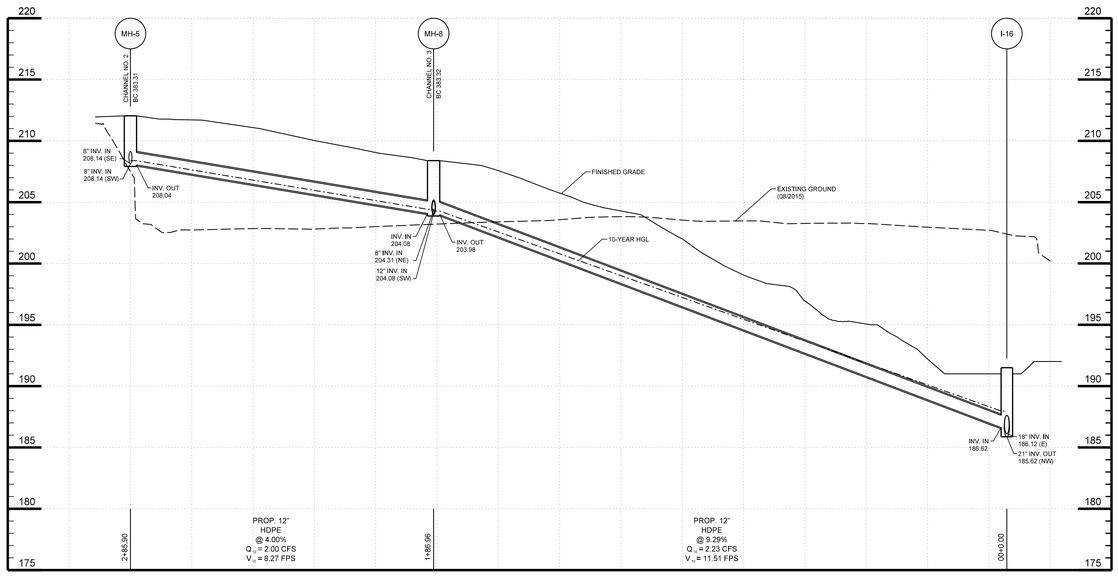
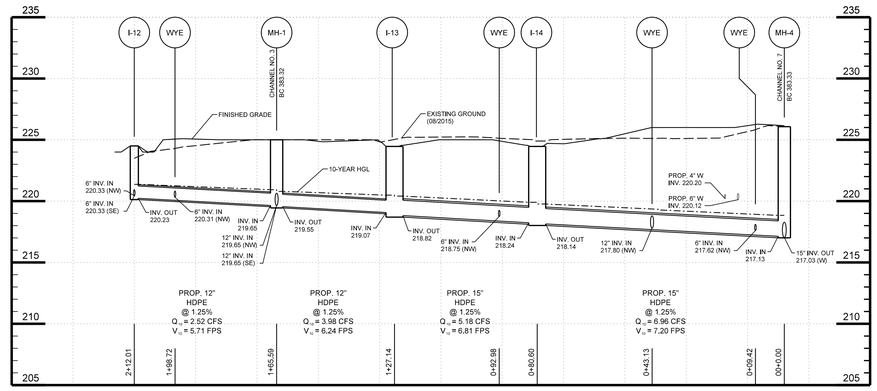


STORM DRAIN PROFILE

SCALE: 1" = 20' HORZ.
1" = 5' VERT.



STORM DRAIN PROFILE

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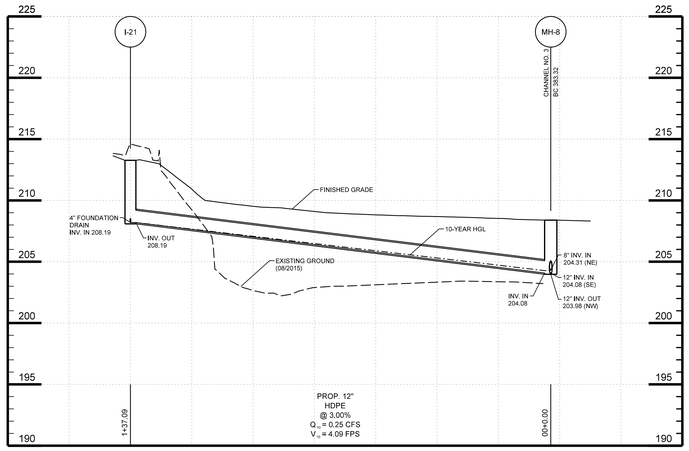
1" = 5' VERT.



STORM DRAIN PROFILE

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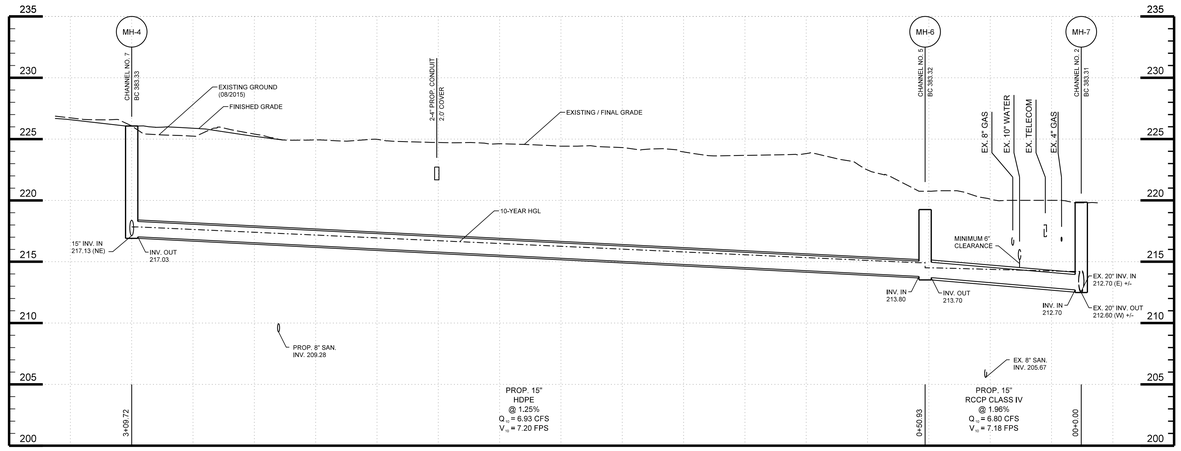

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MDE# 16-SF-0049

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PROJECT No.: 3017479

DATE: 03/31/16

SCALE: AS NOTED

DRAWING NAME

Utility Profiles

C - 2.03

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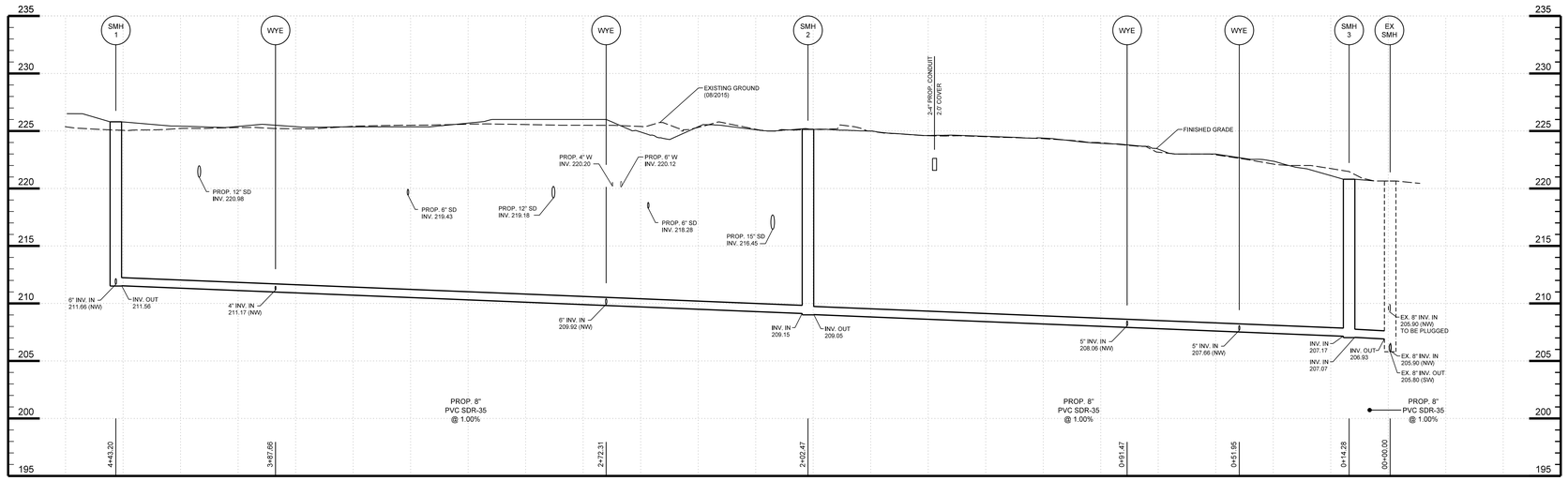
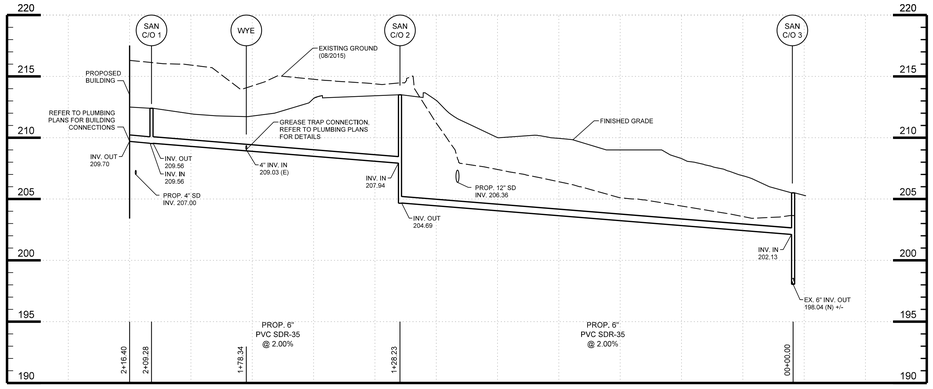


SANITARY PROFILE

SCALE: 1" = 20' HORZ.
1" = 5' VERT.

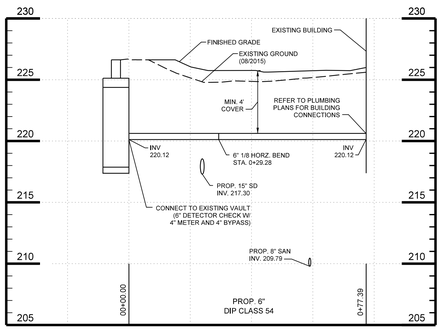


SANITARY PROFILE

SCALE: 1" = 20' HORZ.
1" = 5' VERT.

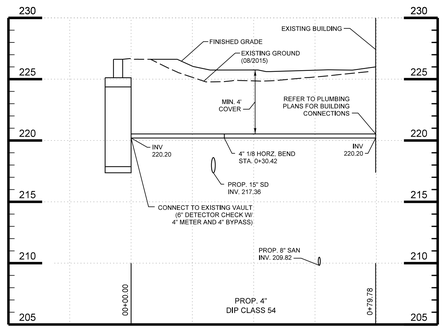
SANITARY NOTES:

1. CONTRACTOR TO VERIFY INLET AND OUTLET ELEVATIONS OF GREASE TRAP PRIOR TO ORDERING AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. CONTRACTOR TO VERIFY LOCATION AND INVERT OF EXISTING 6" SANITARY CONNECTION PRIOR TO STARTING CONSTRUCTION.
3. CONTRACTOR TO PROVIDE CLEANOUTS AT LOCATIONS NOT SHOWN ON PROFILES BASED ON EXISTING SERVICE CONNECTIONS 5' FROM THE BUILDING.



6" WATER PROFILE

SCALE: 1" = 20' HORZ.
1" = 5' VERT.



4" WATER PROFILE

SCALE: 1" = 20' HORZ.
1" = 5' VERT.

WATER NOTES:

1. CONTRACTOR TO REPLACE EXISTING WATER PIPE FROM THE METER VAULT TO THE BUILDING.
2. CONTRACTOR TO VERIFY INVERTS OF EXISTING WATER SERVICES AT THE METER VAULT AND EXISTING BUILDING PRIOR TO STARTING CONSTRUCTION.

INLET SCHEDULE

ID	BALTIMORE CITY GRID NORTH	BALTIMORE CITY GRID WEST	TYPE	GRATE ELEVATION	INVERT IN	INVERT IN	INVERT OUT
I-1	12136.21	5926.23	TYPE 'S' INLET SINGLE GRATE BC 380.01	223.96	219.46 (E)	219.46 (W)	219.36 (NW)
I-2	12158.11	6030.61	TYPE 'S' INLET COMBINATION DOUBLE GRATE BC 380.51	224.89			221.78 (SW)
I-3	12224.62	5968.82	15" PVC DRAIN BASIN (NYLOPLAST OR APPROVED EQUAL)	225.42	217.40 (SE)		217.30 (N)
I-4	12194.30	5809.14	12" PVC INLINE DRAIN (NYLOPLAST OR APPROVED EQUAL)	231.40			229.00 (N)
I-5	12218.93	5707.88	12" PVC INLINE DRAIN (NYLOPLAST OR APPROVED EQUAL)	231.30			229.00 (N)
I-6	12341.83	5736.68	12" PVC DRAIN BASIN (NYLOPLAST OR APPROVED EQUAL)	231.30	226.47 (S)		226.37 (W)
I-7	12316.95	5838.98	12" PVC DRAIN BASIN (NYLOPLAST OR APPROVED EQUAL)	231.30	224.79 (E)	224.79 (S)	224.69 (W)
I-8	12281.97	5982.78	15" PVC DRAIN BASIN (NYLOPLAST OR APPROVED EQUAL)	225.05	222.05 (E)	216.12 (S)	216.02 (N)
I-9	12350.64	6117.07	18" PVC INLINE DRAIN (NYLOPLAST OR APPROVED EQUAL)	225.01	211.99 (E)		211.89 (W)
I-10	12325.09	6222.09	18" PVC INLINE DRAIN (NYLOPLAST OR APPROVED EQUAL)	217.50	210.27 (E)		210.17 (W)
I-11	12261.08	6226.62	TYPE 'S' INLET COMBINATION DOUBLE GRATE BC 380.51	211.70	208.75 (SW)	207.00 (SE)	206.92 (NW)
I-12	12177.45	6111.08	TYPE 'S' INLET SINGLE GRATE BC 380.01	224.67	220.33 (SE)	220.33 (NW)	220.23 (SW)
I-13	12104.84	6155.01	TYPE 'S' INLET COMBINATION DOUBLE GRATE BC 380.51	224.46	219.07 (NE)		218.82 (SW)
I-14	12065.08	6179.19	TYPE 'S' INLET COMBINATION DOUBLE GRATE BC 380.51	224.46	218.24 (NE)		218.14 (SW)
I-15	12274.12	6354.36	TYPE 'S' INLET COMBINATION DOUBLE GRATE BC 380.51	208.40			206.08 (W)
I-16	12230.94	6587.77	TYPE 'S' INLET DOUBLE GRATE BC 380.21	191.50	186.12 (E)	186.62 (SE)	185.62 (NW)
I-17	12120.65	6106.75	TYPE 'S' INLET COMBINATION DOUBLE GRATE BC 380.51	224.49	220.08 (NE)		219.98 (NW)
I-18	12158.35	6169.00	12" PVC INLINE DRAIN (NYLOPLAST OR APPROVED EQUAL)	225.00			221.23 (SE)
I-19	12055.81	6236.21	12" PVC INLINE DRAIN (NYLOPLAST OR APPROVED EQUAL)	225.05			219.55 (SE)
I-20	12300.45	5987.27	15" PVC INLINE DRAIN (NYLOPLAST OR APPROVED EQUAL)	227.27	215.64 (S)		215.54 (N)
I-21	12012.74	6497.82	12" PVC INLINE DRAIN (NYLOPLAST OR APPROVED EQUAL)	213.40	208.19 (E)		208.19 (NE)

STORM DRAIN STRUCTURE SCHEDULE

ID	BALTIMORE CITY GRID NORTH	BALTIMORE CITY GRID WEST	RIM ELEVATION	INVERT IN	INVERT IN	INVERT IN	INVERT OUT	REMARKS
MH-1	12137.79	6135.20	225.15	219.65 (NE)	219.65 (SE)	219.65 (NW)	219.55 (SW)	BC 383.04
MH-2	12377.70	6005.99	232.42	213.95 (S)			213.70 (W)	BC 383.04
MH-3	12306.11	6300.12	212.00	208.56 (E)	206.06 (SE)		205.56 (W)	BC 383.04
MH-4	11996.31	6221.24	226.35	217.13 (NE)			217.03 (W)	BC 383.04
MH-5	12080.13	6344.88	211.90	208.14 (SE)	208.14 (SW)		208.04 (NW)	BC 383.04
MH-6	11935.15	6472.70	219.25	213.80 (E)			213.70 (S)	BC 383.04
MH-7	11885.33	6462.10	219.85	212.70 (N)	212.70 (E)		212.60 (W)	BC 383.04*
MH-8	12131.55	6429.43	208.39	204.08 (SE)	204.08 (SW)	204.31 (NE)	203.98 (NW)	BC 383.04
MH-9	12274.03	6410.63	204.50	200.96 (E)	199.01 (S)		196.88 (W)	BC 383.04
ES-1	12265.74	6389.51	205.50					END SECTION

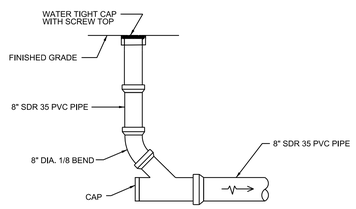
* DOGHOUSE MANHOLE

EXISTING WATER SERVICE

ADDRESS	ACCOUNT NO.	METER NO.	SERVICE SIZE	METER SIZE	COMMENT
1300 W 36TH STREET	02323329009	31938271	2"	1-1/2"	TO BE ABANDONED
1300 W 36TH STREET	05376565007	E17976	6"	6"	SERVICE TO REMAIN
1300 W 36TH STREET	09376567005	E17976	6"	6"	SERVICE TO REMAIN
1300 W 36TH STREET	09376568003	9203689	4"	4"	TO BE ABANDONED

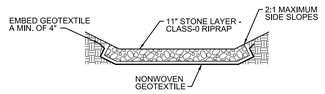
SANITARY STRUCTURE SCHEDULE

ID	BALTIMORE CITY GRID NORTH	BALTIMORE CITY GRID WEST	RIM ELEVATION	INVERT IN	INVERT OUT	REMARKS
SMH-1	12179.35	6147.71	225.80	211.66 (NW)	211.56 (W)	BC 831.04
SMH-2	11974.55	6274.23	225.14	209.15 (NE)	209.05 (W)	BC 831.04
SMH-3	11930.31	6457.15	220.80	207.17 (E)	207.07 (SW)	BC 831.04
SCO1	12265.30	6206.80	212.30	209.56 (SE)	209.56 (NW)	BC 830.15
SCO2	12303.84	6270.75	213.50	207.94 (SE)	204.69 (W)	BC 830.15
SCO3	12272.98	6395.21	205.50	202.13 (E)	198.04 (N)	BC 830.15



STORM DRAIN CLEANOUT DETAIL

NOT TO SCALE



NOTE: SEE PLAN FOR EXACT DIMENSIONS

ROCK OUTLET PROTECTION

NOT TO SCALE

1"=20' HORIZ. 20' 0 20' 40'

1"=5' VERT. 5' 0 5' 10'

MDE# 16-SF-0049

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STRUCTURAL ENGINEER
ALBRECHT ENGINEERING
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MEP ENGINEER
BRINJAC ENGINEERING
1800 N. CHARLES ST, SUITE 310
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FOOD SERVICE
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15219A FLOWER HILL WAY
GAITHERSBURG, MD 20879

AVIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

7/27/2016 3:47:57

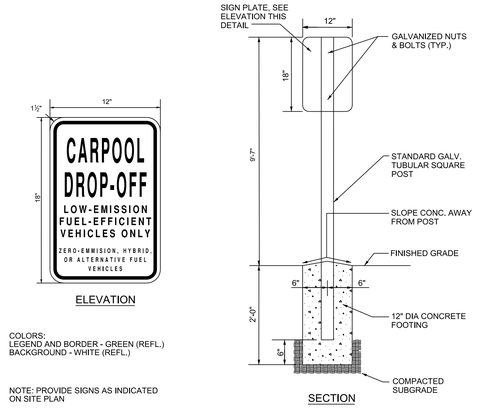
I:\Projects\3017479\3017479_0001\90_CAD Models and Sheets\04_C_Civil\Construction Documents\C-204-ROB.dgn

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 36749 EXPIRATION DATE: JANUARY 21, 2017.

No.	DATE	DESCRIPTION
1	04/14/16	ADDENDUM #1

PROJECT No.: 3017479
DATE: 03/31/16
SCALE: AS NOTED
DRAWING NAME
Utility Profiles

C - 2.04

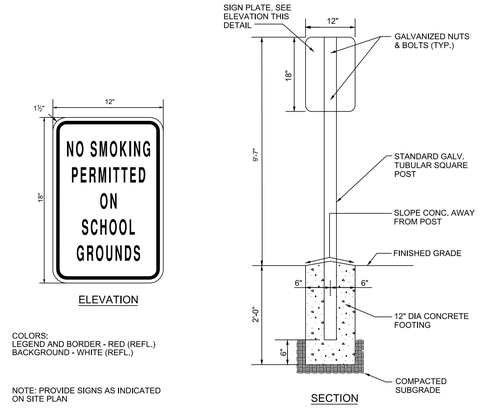


COLORS:
LEGEND AND BORDER - GREEN (REFL.)
BACKGROUND - WHITE (REFL.)

NOTE: PROVIDE SIGNS AS INDICATED ON SITE PLAN

LOW EMISSION VEHICLE CARPOOL SIGN

NOT TO SCALE

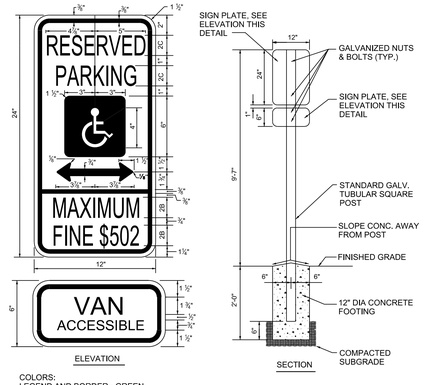


COLORS:
LEGEND AND BORDER - RED (REFL.)
BACKGROUND - WHITE (REFL.)

NOTE: PROVIDE SIGNS AS INDICATED ON SITE PLAN

NO SMOKING SIGN

NOT TO SCALE

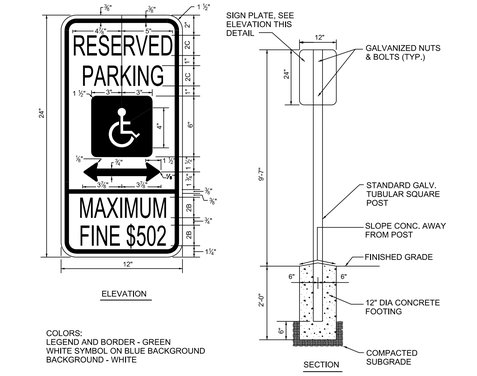


COLORS:
LEGEND AND BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKGROUND - WHITE

NOTE: PROVIDE SIGNS AS INDICATED ON SITE PLAN

VAN ACCESSIBLE PARKING SIGN AND POST

NOT TO SCALE



COLORS:
LEGEND AND BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKGROUND - WHITE

NOTE: PROVIDE SIGNS AS INDICATED ON SITE PLAN

ACCESSIBLE PARKING SIGN AND POST

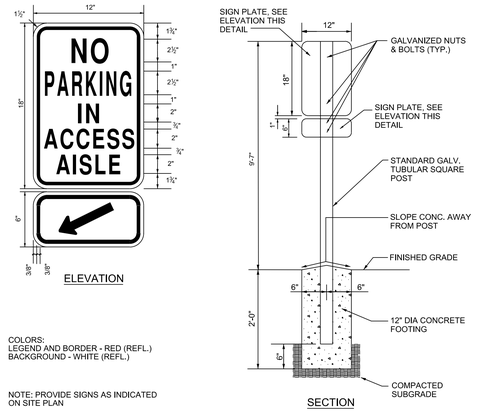
NOT TO SCALE

PEDESTRIAN RAMP NO. 1

SCALE: 1" = 5'

PEDESTRIAN RAMP NO. 3

SCALE: 1" = 5'

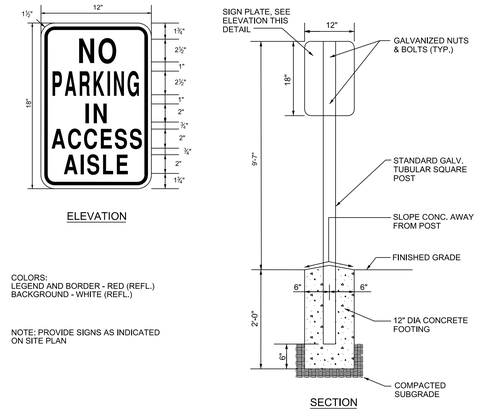


COLORS:
LEGEND AND BORDER - RED (REFL.)
BACKGROUND - WHITE (REFL.)

NOTE: PROVIDE SIGNS AS INDICATED ON SITE PLAN

NO PARKING IN ACCESS AISLE SIGN WITH ARROW & POST

NOT TO SCALE

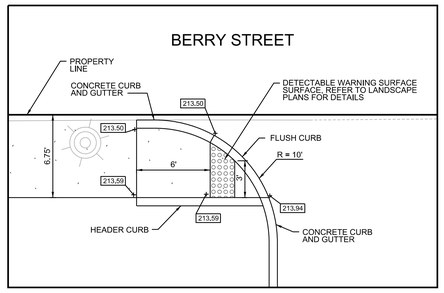


COLORS:
LEGEND AND BORDER - RED (REFL.)
BACKGROUND - WHITE (REFL.)

NOTE: PROVIDE SIGNS AS INDICATED ON SITE PLAN

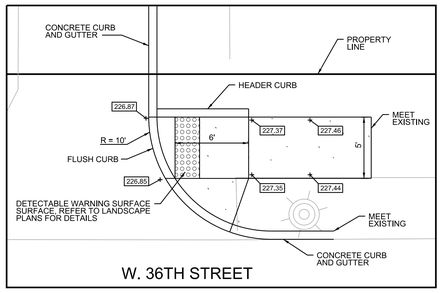
NO PARKING IN ACCESS AISLE SIGN & POST

NOT TO SCALE



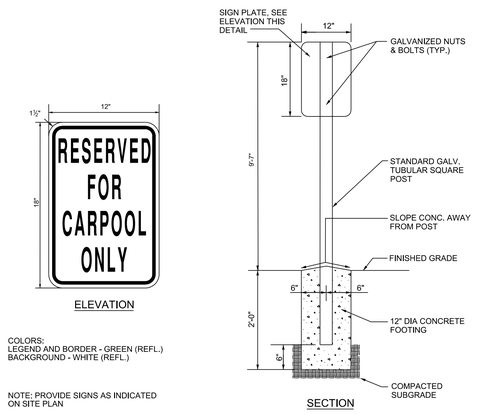
PEDESTRIAN RAMP NO. 2

SCALE: 1" = 5'



PEDESTRIAN RAMP NO. 4

SCALE: 1" = 5'

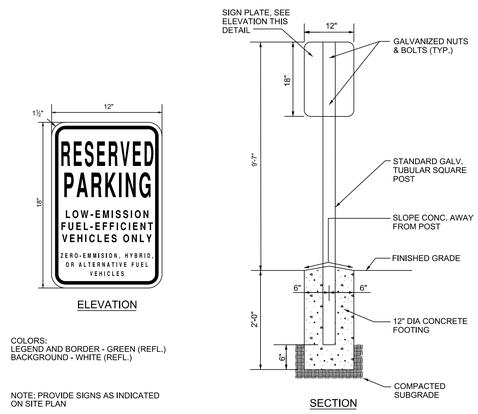


COLORS:
LEGEND AND BORDER - GREEN (REFL.)
BACKGROUND - WHITE (REFL.)

NOTE: PROVIDE SIGNS AS INDICATED ON SITE PLAN

COMMUTER PARKING SPACE SIGN

NOT TO SCALE



COLORS:
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BACKGROUND - WHITE (REFL.)

NOTE: PROVIDE SIGNS AS INDICATED ON SITE PLAN

LOW EMISSION VEHICLE PARKING SIGN

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JRS ARCHITECTS
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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

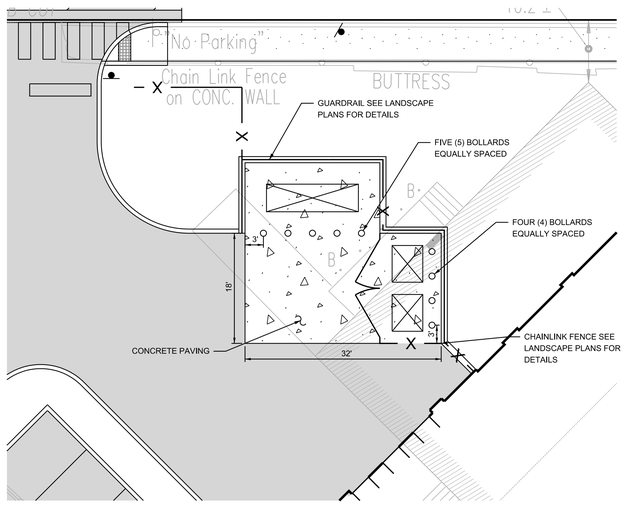
DATE: 03/31/16

SCALE: NOT TO SCALE

DRAWING NAME

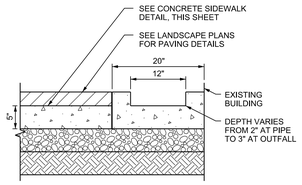
Site Details

C - 5.01



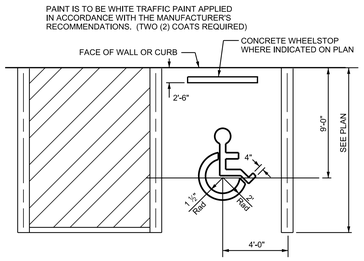
SERVICE AREA ENLARGMENT

SCALE: 1" = 10'



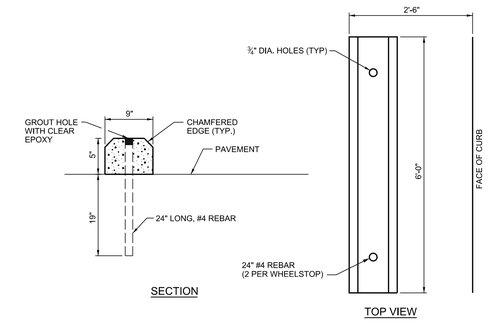
SPLASH BLOCK DETAIL

NOT TO SCALE



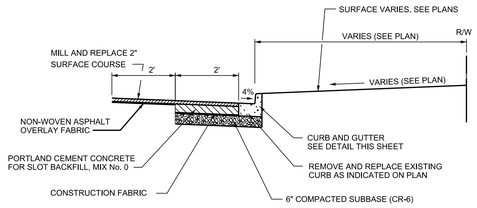
HANDICAPPED PARKING

NOT TO SCALE



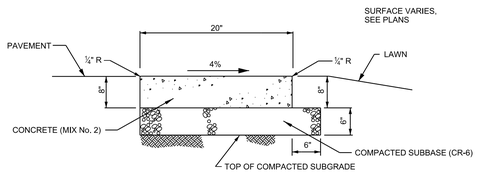
PRE-CAST CONCRETE WHEELSTOP

NOT TO SCALE



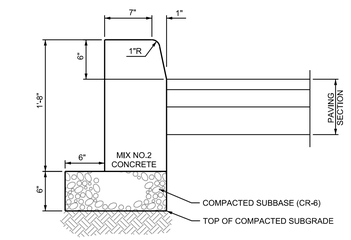
MILL AND OVERLAY TYPICAL SECTION

NOT TO SCALE



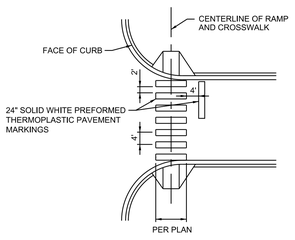
FLUSH CONCRETE CURB

NOT TO SCALE



HEADER CURB DETAIL

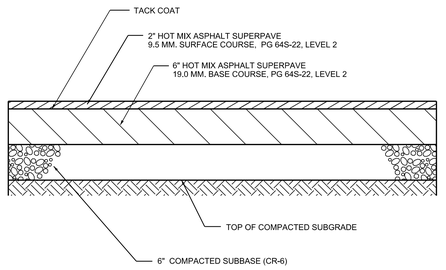
NOT TO SCALE



NOTE: CENTERLINE OF CROSSWALK TO ALIGN WITH CENTERLINE OF PEDESTRIAN RAMP AT FACE OF CURB UNLESS NOTED OTHERWISE.

CROSSWALK LAYOUT

NOT TO SCALE

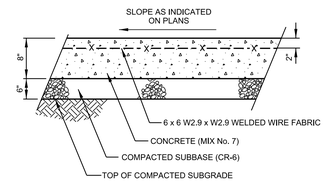


NOTE;

A REPRESENTATIVE FROM THE ON-SITE GEOTECHNICAL ENGINEER SHALL OBSERVE AND TEST ANY COMPACTED FILL TO BE USED FOR PAVEMENT SUPPORT. OBSERVE ANY PROOFROLLING OPERATIONS OF PAVEMENT SUBGRADES, AND DETERMINE ADEQUACY OF PAVEMENT SECTION.

BITUMINOUS PAVING SECTION

NOT TO SCALE

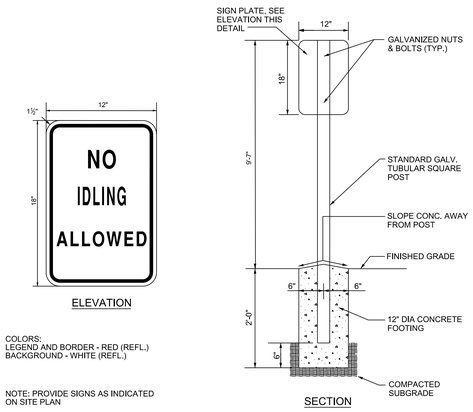


NOTE:

½" PREMOLDED EXPANSION JOINT MATERIAL TO BE PLACED WHERE PAVING ABUTS CURBS, WALLS, STEPS, ETC. AND AT MAXIMUM 15' INTERVALS ALONG THE PAVING.

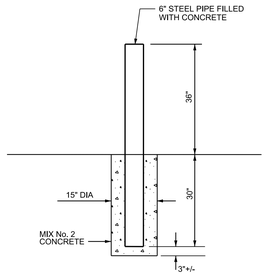
CONCRETE PAVING

NOT TO SCALE



NO IDLING SIGN

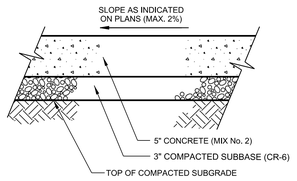
NOT TO SCALE



BOLLARD TO BE PRIMED AND PAINTED WITH TWO COATS OF SAFETY YELLOW PAINT PER MANUFACTURER'S RECOMMENDATION.

STEEL / CONCRETE BOLLARD DETAIL

NOT TO SCALE

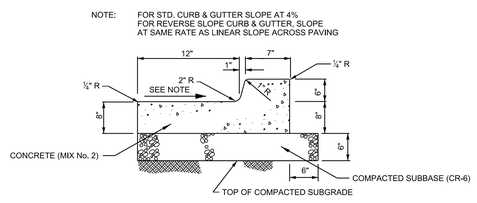


NOTES:

1. 1/2" PREMOLDED EXPANSION JOINT MATERIAL TO BE PLACED WHERE WALKS ABUT CURBS, WALLS, STEPS, ETC. AND AT MAXIMUM 15' INTERVALS ALONG THE WALK.
2. SEE LANDSCAPING PLANS FOR JOINT AND SCORING LOCATIONS.

CONCRETE SIDEWALK DETAIL

NOT TO SCALE



CONCRETE CURB AND GUTTER DETAIL

NOT TO SCALE

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: NOT TO SCALE

DRAWING NAME

Site Details

C - 5.02

B-3 STANDARDS AND SPECIFICATIONS FOR LAND GRADING

DEFINITION

RESHAPING THE EXISTING LAND SURFACE TO PROVIDE SUITABLE TOPOGRAPHY FOR BUILDING FACILITIES AND OTHER SITE IMPROVEMENTS.

PURPOSE

TO PROVIDE EROSION CONTROL AND VEGETATIVE ESTABLISHMENT FOR EXTREME CHANGES IN GRADE.

CONDITIONS WHERE PRACTICE APPLIES

EARTH DISTURBANCES OR EXTREME GRADE MODIFICATIONS ON STEEP OR LONG SLOPES.

DESIGN CRITERIA

THE GRADING PLAN SHOULD BE BASED UPON THE INCORPORATION OF BUILDING DESIGNS AND STREET LAYOUTS THAT FIT AND UTILIZE EXISTING TOPOGRAPHY AND DESIRABLE NATURAL SURROUNDINGS TO AVOID EXTREME GRADE MODIFICATIONS. INFORMATION SUBMITTED MUST PROVIDE SUFFICIENT TOPOGRAPHIC SURVEYS AND SOIL INVESTIGATIONS TO DETERMINE LIMITATIONS THAT MUST BE IMPOSED ON THE GRADING OPERATION RELATED TO SLOPE STABILITY, ADJACENT PROPERTIES, DRAINAGE PATTERNS, MEASURES FOR WATER REMOVAL, AND VEGETATIVE TREATMENT, ETC.

MANY JURISDICTIONS HAVE REGULATIONS AND DESIGN PROCEDURES ALREADY ESTABLISHED FOR LAND GRADING THAT MUST BE FOLLOWED. THE PLAN MUST SHOW EXISTING AND PROPOSED CONTOURS OF THE AREA(S) TO BE GRADED INCLUDING PRACTICES FOR EROSION CONTROL, SLOPE STABILIZATION AND SAFE CONVEYANCE OF RUNOFF (E.G., WATERWAYS, LINED CHANNELS, REVERSE BENCHES. GRADE STABILIZATION STRUCTURES). THE GRADING / CONSTRUCTION PLANS ARE TO INCLUDE THE PHASING OF THESE PRACTICES AND CONSIDERATION OF THE FOLLOWING:

1. PROVISIONS TO SAFELY CONVEY SURFACE RUNOFF TO STORM DRAINS, PROTECTED OUTLETS OR TO STABLE WATER COURSES TO ENSURE THAT SURFACE RUNOFF WILL NOT DAMAGE SLOPES OR OTHER GRADED AREAS.
2. CUT AND FILL SLOPES, STABILIZED WITH GRASSES, NO STEEPER THAN 2:1. (WHERE THE SLOPE IS TO BE MOWED, THE SLOPE SHOULD BE NO STEEPER THAN 3:1, BUT 4:1 IS PREFERRED BECAUSE OF SAFETY FACTORS RELATED TO MOWING STEEP SLOPES.) SLOPES STEEPER THAN 2:1 SHALL REQUIRE SPECIAL DESIGN AND STABILIZATION CONSIDERATIONS TO BE SHOWN ON THE PLANS.
3. BENCHING PER DETAIL B-3-1 WHENEVER THE VERTICAL INTERVAL (HEIGHT) OF ANY 2:1 SLOPE EXCEEDS 20 FEET; FOR 3:1 SLOPES, WHEN IT EXCEEDS 30 FEET; AND FOR 4:1 SLOPES, WHEN IT EXCEEDS 40 FEET. LOCATE BENCHES TO DIVIDE THE SLOPE FACE AS EQUALLY AS POSSIBLE AND TO CONVEY THE WATER TO A STABLE OUTLET. SOILS, SEEPS, ROCK OUTCROPS, ETC. ARE TO BE TAKEN INTO CONSIDERATION WHEN DESIGNING BENCHES.
   A. PROVIDE BENCHES WITH A MINIMUM WIDTH OF SIX FEET FOR EASE OF MAINTENANCE.
   B. DESIGN BENCHES WITH A REVERSE SLOPE OF 6:1 OR FLATTER TO THE TOE OF THE UPPER SLOPE AND WITH A MINIMUM OF ONE FOOT IN DEPTH. GRADE THE LONGITUDINAL SLOPE OF THE BENCH BETWEEN 2 PERCENT AND 3 PERCENT, UNLESS ACCOMPANIED BY APPROPRIATE DESIGN AND COMPUTATIONS.
   C. THE MAXIMUM ALLOWABLE FLOW LENGTH WITHIN A BENCH IS 800 FEET UNLESS ACCOMPANIED BY APPROPRIATE DESIGN AND COMPUTATIONS.
4. DIVERSION OF SURFACE WATER FROM THE FACE OF ALL CUT AND FILL SLOPES USING EARTH DIKES OR SWALES. CONVEY SURFACE WATER DOWN SLOPE USING A DESIGNED STRUCTURE, AND:
   A. PROTECT THE FACE OF ALL GRADED SLOPES FROM SURFACE RUNOFF UNTIL THEY ARE STABILIZED.
   B. DO NOT SUBJECT THE SLOPE'S FACE TO ANY CONCENTRATED FLOW OF SURFACE WATER SUCH AS FROM NATURAL DRAINAGE WAYS, GRADED SWALES, DOWNSPOUTS, ETC.
   C. PROTECT THE FACE OF THE SLOPE BY SPECIAL EROSION CONTROL MATERIALS TO INCLUDE, BUT NOT BE LIMITED TO, APPROVED VEGETATIVE STABILIZATION PRACTICES, RIPRAP OR OTHER APPROVED STABILIZATION METHODS.
5. SERRATED SLOPE AS SHOWN IN DETAIL B-3-2. THE STEEPEST ALLOWABLE SLOPE FOR RIPABLE ROCK IS 1.5:1. FOR NON ROCK SURFACES, THE SLOPES ARE TO BE 2:1 OR FLATTER. THESE STEPS WILL WEATHER AND ACT TO HOLD MOISTURE, LIME, FERTILIZER AND SEED THUS PRODUCING A MUCH QUICKER AND LONGER LIVED VEGETATIVE COVER AND BETTER SLOPE STABILIZATION.
6. SUBSURFACE DRAINAGE PROVISIONS. PROVIDE SUBSURFACE DRAINAGE WHERE NECESSARY TO INTERCEPT SEEPAGE THAT WOULD OTHERWISE ADVERSELY AFFECT SLOPE STABILITY OR CREATE EXCESSIVELY WET SITE CONDITIONS.
7. PROXIMITY TO ADJACENT PROPERTY. SLOPES MUST NOT BE CREATED CLOSE TO PROPERTY LINES WITHOUT ADEQUATE PROTECTION AGAINST SEDIMENTATION, EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE, OR OTHER RELATED DAMAGES.
8. QUALITY OF FILL MATERIAL. FILL MATERIAL MUST BE FREE OF BRUSH, RUBBISH, LOGS, STUMPS, BUILDING DEBRIS, AND OTHER OBJECTIONABLE MATERIAL. DO NOT PLACE FROZEN MATERIALS IN THE FILL NOR PLACE THE FILL MATERIAL ON A FROZEN FOUNDATION.
9. STABILIZATION. STABILIZE ALL DISTURBED AREAS STRUCTUALLY OR VEGETATIVELY IN COMPLIANCE WITH SECTION B-4 STANDARDS AND SPECIFICATIONS FOR STABILIZATION PRACTICES.

MAINTENANCE

THE LINE, GRADE, AND CROSS SECTION OF BENCHING AND SERRATED SLOPES MUST BE MAINTAINED. BENCHES AND SERRATED SLOPES MUST CONTINUOUSLY MEET THE REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION.

B-4 STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

DEFINITION

USING VEGETATION AS COVER TO PROTECT EXPOSED SOIL FROM EROSION.

PURPOSE

TO PROMOTE THE ESTABLISHMENT OF VEGETATION ON EXPOSED SOIL.

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.

1. ADEQUATE VEGETATIVE STABILIZATION REQUIRES 95 PERCENT GROUND COVER.
2. IF AN AREA HAS LESS THAN 40 PERCENT GROUND COVER, RESTABILIZE FOLLOWING THE ORIGINAL RECOMMENDATIONS FOR LIME, FERTILIZER, SEEDBED PREPARATION, AND SEEDING.
3. IF AN AREA HAS BETWEEN 40 AND 94 PERCENT GROUND COVER, OVER-SEED AND FERTILIZE USING HALF OF THE RATES ORIGINALLY SPECIFIED.
4. MAINTENANCE FERTILIZER RATES FOR PERMANENT SEEDING ARE SHOWN IN TABLE B.6.

ADDITIONAL VEGETATIVE STABILIZATION NOTES

1. BARE / UNSTABILIZED SPOTS SHALL BE NO MORE THAN 5" X 5" IN SIZE.
2. TOPSOIL SHALL BE LOAM, SANDY LOAM OF LOAMY SAND. CLAY LOAM, SILT LOAM OR SANDY LOAM SHALL NOT BE USED.

B-4-1 STANDARDS AND SPECIFICATIONS FOR INCREMENTAL STABILIZATION

DEFINITION

ESTABLISHMENT OF VEGETATIVE COVER ON CUT AND FILL SLOPES.

PURPOSE

TO PROVIDE TIMELY VEGETATIVE COVER ON CUT AND FILL SLOPES AS WORK PROGRESSES.

CONDITIONS WHERE PRACTICE APPLIES

ANY CUT OR FILL SLOPE GREATER THAN 15 FEET IN HEIGHT. THIS PRACTICE ALSO APPLIES TO STOCKPILES.

CRITERIA

A. INCREMENTAL STABILIZATION - CUT SLOPES
   1. EXCAVATE AND STABILIZE CUT SLOPES IN INCREMENTS NOT TO EXCEED 15' FEET IN HEIGHT. PREPARE SEEDBED AND APPLY SEED AND MULCH ON ALL CUT SLOPES AS THE WORK PROGRESSES.
   2. CONSTRUCTION SEQUENCE EXAMPLE (REFER TO FIGURE B.1):
      a. CONSTRUCT AND STABILIZE ALL TEMPORARY SWALES OR DIKES THAT WILL BE USED TO CONVEY RUNOFF AROUND THE EXCAVATION.
      b. PERFORM PHASE 1 EXCAVATION, PREPARE SEEDBED, AND STABILIZE.
      c. PERFORM PHASE 2 EXCAVATION, PREPARE SEEDBED AND STABILIZE. OVERSEED PHASE 1 AREAS AS NECESSARY.
      d. PERFORM FINAL PHASE EXCAVATION, PREPARE SEEDBED, AND STABILIZE. OVERSEED PREVIOUSLY SEEDED AREAS AS NECESSARY.

NOTE: ONCE EXCAVATION HAS BEGUN THE OPERATION SHOULD BE CONTINUOUS FROM GRUBBING THROUGH THE COMPLETION OF GRADING AND PLACEMENT OF TOPSOIL (IF REQUIRED) AND PERMANENT SEED AND MULCH. ANY INTERRUPTIONS IN THE OPERATION OR COMPLETING THE OPERATION OUT OF THE SEEDING SEASON WILL NECESSITATE THE APPLICATION OF TEMPORARY STABILIZATION.

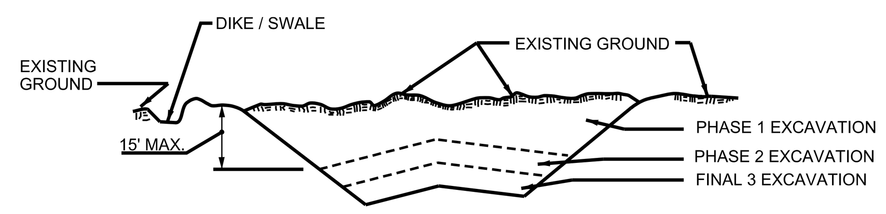
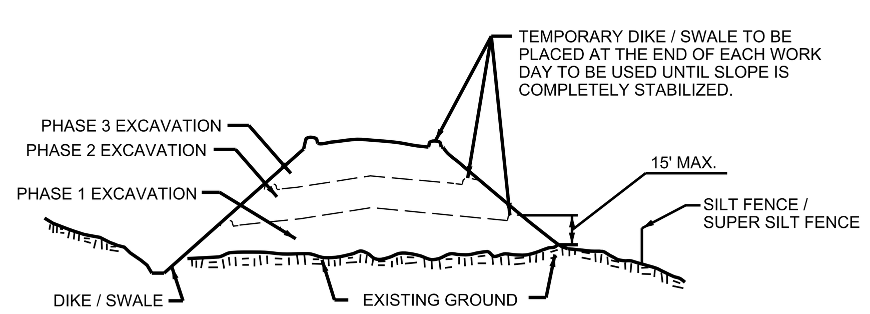


FIGURE B.1 INCREMENTAL STABILIZATION - CUT

B. INCREMENTAL STABILIZATION - FILL SLOPES
   1. CONSTRUCT AND STABILIZE FILL SLOPES IN INCREMENTS NOT TO EXCEED 15 FEET IN HEIGHT. PREPARE SEEDBED AND APPLY SEED AND MULCH ON ALL SLOPES AS THE WORK PROGRESSES.
   2. STABILIZE SLOPES IMMEDIATELY WHEN THE VERTICAL HEIGHT OF A LIFT REACHES 15 FEET, OR WHEN THE GRADING OPERATION CEASES AS PRESCRIBED IN THE PLANS.
   3. AT THE END OF EACH DAY, INSTALL TEMPORARY WATER CONVEYANCE PRACTICE(S), AS NECESSARY, TO INTERCEPT SURFACE RUNOFF AND CONVEY IT DOWN THE SLOPE IN A NON-EROSIVE MANNER.
   4. CONSTRUCTION SEQUENCE EXAMPLE (REFER TO FIGURE B.2):
      a. CONSTRUCT AND STABILIZE ALL TEMPORARY SWALES OR DIKES THAT WILL BE USED TO DIVERT RUNOFF AROUND THE FILL. CONSTRUCT SILT FENCE ON LOW SIDE OF FILL UNLESS OTHER METHODS SHOWN ON THE PLANS ADDRESS THIS AREA.
      b. AT THE END OF EACH DAY, INSTALL TEMPORARY WATER CONVEYANCE PRACTICE(S), AS NECESSARY, TO INTERCEPT SURFACE RUNOFF AND CONVEY IT DOWN THE SLOPE IN A NON-EROSIVE MANNER.
      c. PLACE PHASE 1 FILL, PREPARE SEEDBED, AND STABILIZE.
      d. PLACE PHASE 2 FILL, PREPARE SEEDBED, AND STABILIZE.
      e. PLACE FINAL PHASE FILL, PREPARE SEEDBED, AND STABILIZE. OVERSEED PREVIOUSLY SEEDED AREAS AS NECESSARY.

NOTE: ONCE EXCAVATION HAS BEGUN THE OPERATION SHOULD BE CONTINUOUS FROM GRUBBING THROUGH THE COMPLETION OF GRADING AND PLACEMENT OF TOPSOIL (IF REQUIRED) AND PERMANENT SEED AND MULCH. ANY INTERRUPTIONS IN THE OPERATION OR COMPLETING THE OPERATION OUT OF THE SEEDING SEASON WILL NECESSITATE THE APPLICATION OF TEMPORARY STABILIZATION.



B-4-2 STANDARDS AND SPECIFICATIONS FOR SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS

DEFINITION

THE PROCESS OF PREPARING THE SOILS TO SUSTAIN ADEQUATE VEGETATIVE STABILIZATION.

PURPOSE

TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH.

CONDITIONS WHERE PRACTICE APPLIES

WHERE VEGETATIVE STABILIZATION IS TO BE ESTABLISHED.

CRITERIA

A. SOIL PREPARATION
   1. TEMPORARY STABILIZATION
      a. SEEDBED PREPARATION CONSISTS OF LOOSENING SOIL TO A DEPTH OF 3 TO 5 INCHES 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. 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 STONE 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 NECESSARY 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 SOIL TYPE 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 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 1 1/2 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 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 OF 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 (CALICUM 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.

B-4-3 STANDARDS AND SPECIFICATIONS FOR SEEDING AND MULCHING

DEFINITION

THE APPLICATION OF SEED AND MULCH TO ESTABLISH VEGETATIVE COVER.

PURPOSE

TO PROTECT DISTURBED SOILS FROM EROSION DURING AND AT THE END OF CONSTRUCTION.

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 BEENTESTED 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 AND 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. SEED BED 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 SOLUBLE NITROGEN; P_2O_5 (PHOSPHOROUS), 200 POUNDS PER ACRE; K_2O (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 STATE 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 OF 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 A 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.

"FOR SEDIMENT CONTROL ONLY"

MDE# 16-SF-0049

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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
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7/27/2016 3:48:01 PM chena

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 36749 EXPIRATION DATE: JANUARY 21, 2017.

No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: N/A

DRAWING NAME

Sediment and Erosion Control Notes

C - 5.03

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B-4-4 STANDARDS AND SPECIFICATIONS FOR 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

1. SELECT ONE OR MORE OF THE SPECIES OR SEED MIXTURES LISTED IN TABLE B.1 FOR THE APPROPRIATE PLANT HARDINESS ZONE (FROM FIGURE B.3), AND ENTER THEM IN THE TEMPORARY SEEDING SUMMARY BELOW ALONG WITH APPLICATION RATES, SEEDING DATES AND SEEDING DEPTHS. IF THIS SUMMARY IS NOT PUT ON THE PLAN AND COMPLETED, THEN TABLE B.1 PLUS FERTILIZER AND LIME RATES MUST BE PUT ON THE PLAN.
2. FOR SITES HAVING SOIL TESTS PERFORMED, USE AND SHOW THE RECOMMENDED RATES BY THE TESTING AGENCY. SOIL TESTS ARE NOT REQUIRED FOR TEMPORARY SEEDING.
3. WHEN STABILIZATION IS REQUIRED OUTSIDE OF A SEEDING SEASON, APPLY SEED AND MULCH OR STRAW MULCH ALONE AS PRESCRIBED IN SECTION B-4-3.A.1.b AND MAINTAIN UNTIL THE NEXT SEEDING SEASON.

TEMPORARY SEEDING SUMMARY

HARDINESS ZONE 7B SEED MIXTURE 1, 6, 7					FERTILIZER RATE (10-20-20)	LIME RATE
NO.	SPECIES	APPLICATION RATE(LB. /AC.)	SEEDING DATES	SEEDING DEPTHS		
1	ANUAL RYEGRASS	40	2 /15 - 4 /30 8 /15 - 11 /30	0.5	436 LB/AC (10 LB/1000 SF)	2 TONS/AC (90 LBS/1000 SF)
6	FOXTAIL MILLET	30	5 /1 - 8 /14	0.5		
7	PEAR MILLET	20	5 /1 - 8 /14	0.5		

H-1 STANDARDS AND SPECIFICATIONS FOR MATERIALS

TABLE H.1: GEOTEXTILE FABRICS

		WOVEN SLIT FILM GEOTEXTILE		**WOVEN MONOFILAMENT GEOTEXTILE**		**NONWOVEN GEOTEXTILE**	
		MINIMUM AVERAGE ROLL VALUE [1]					
PROPERTY	TEST METHOD	MD	CD	MD	CD	MD	CD
GRAB TENSILE STRENGTH	ASTM D-4632	200 LB	200 LB	370 LB	250 LB	200 LB	200 LB
GRAB TENSILE ELONGATION	ASTM D-4632	15%	10%	15%	15%	50%	50%
TRAPEZOIDAL TEAR STRENGTH	ASTM D-4533	75 LB	75 LB	100 LB	60 LB	80 LB	80 LB
PUNCTURE STRENGTH	ASTM D-6241	450 LB		900 LB		450 LB	
APPARENT OPENING SIZE [2]	ASTM D-4751	U.S. SIEVE 30 (0.59 MM)		U.S. SIEVE 70 (0.21 MM)		U.S. SIEVE 70 (0.21 MM)	
PERMITTIVITY	ASTM D-4491	0.05 SEC^{-1}		0.28 SEC^{-1}		1.1 SEC^{-1}	
ULTRAVIOLET RESISTANCE RETAINED AT 500 HOURS	ASTM D-4355	70% STRENGTH		70% STRENGTH		70% STRENGTH	

[1] ALL NUMERIC VALUES EXCEPT APPARENT OPENING SIZE (AOS) REPRESENT MINIMUM AVERAGE ROLL VALUES (MARV). MARV IS CALCULATED AS THE TYPICAL MINUS TWO STANDARD DEVIATIONS. MD IS MACHINE DIRECTION; CD IS CROSS DIRECTION.

[2] VALUES FOR AOS REPRESENT THE AVERAGE MAXIMUM OPENING.

GEOTEXTILES MUST BE EVALUATED BY THE NATIONAL TRANSPORTATION PRODUCT EVALUATION PROGRAM (NTPEP) AND CONFORM TO THE VALUES IN TABLE H.1.

THE GEOTEXTILE MUST BE INERT TO COMMONLY ENCOUNTERED CHEMICALS AND HYDROCARBONS AND MUST BE ROT AND MILDEW RESISTANT. THE GEOTEXTILE MUST BE MANUFACTURED FROM FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS AND COMPOSED OF A MINIMUM OF 95 PERCENT BY WEIGHT OF POLYOLEFINS OR POLYESTERS, AND FORMED INTO A STABLE NETWORK SO THE FILAMENTS OR YARNS RETAIN THEIR DIMENSIONAL STABILITY RELATIVE TO EACH OTHER, INCLUDING SELVAGES.

WHEN MORE THAN ONE SECTION OF GEOTEXTILE IS NECESSARY, OVERLAP THE SECTIONS BY AT LEAST ONE FOOT. THE GEOTEXTILE MUST BE PULLED TAUT OVER THE APPLIED SURFACE. EQUIPMENT MUST NOT RUN OVER EXPOSED FABRIC. WHEN PLACING RIPRAP ON GEOTEXTILE, DO NOT EXCEED A ONE FOOT DROP HEIGHT.

MAINTENANCE OF SEDIMENT CONTROL

CONTRACTOR SHALL, WITHOUT EXTRA COST TO THE PROJECT, REPAIR AND MAINTAIN EXISTING SEDIMENT CONTROL DEVICES UNTIL ALL AREAS WITHIN LIMITS OF CONSTRUCTION ARE STABILIZED. ALL SEDIMENT CONTROL MEASURES REFERRED TO ON THESE PLANS SHALL BE IN ACCORDANCE WITH THE PUBLICATION ENTITLED "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".

UTILITY CONSTRUCTION NOTE

FOR ALL UTILITY CONSTRUCTION BEYOND SEDIMENT AND EROSION CONTROL MEASURES; ONLY THAT WITH WHICH CAN BE COMPLETED AND STABILIZED EACH DAY SHALL BE DONE. ALL EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF A TRENCH. IF THE CONTRACTOR IS UNABLE TO BACKFILL AND STABILIZE TRENCH, THEN SILT FENCE WILL BE PLACED ON THE LOW SIDE OF A TRENCH.

TEMPORARY STABILIZATION NOTE

FOLLOWING INITIAL SOIL DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) THREE (3) CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES,\ PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1. B) SEVEN (7) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

TEMPORARY STOCKPILES

TEMPORARY STOCKPILES SHALL BE:

1. LOCATED WITHIN THE LIMIT OF DISTURBANCE (LOD).
2. DRAIN TO A FUNCTIONING SEDIMENT CONTROL DEVICE.
3. POSITIONED TO NOT IMPEDE UPON, OR IMPAIR THE FUNCTION OF SAID DEVICE.
4. POSITIONED TO NOT ALTER DRAINAGE DIVIDES.

TRAP/ BASIN FLOW DIVERSION NOTE

TO PREVENT SLOPE EROSION, WITHIN SEDIMENT TRAP DEVICES, ADEQUATELY SIZED AND STABILIZED FLOW DIVERSION MEASURES (I.E. EARTH DIKE, TEMPORARY SWALE, PERIMETER DIKE/SWALE) SHALL BE INSTALLED AT THE UPSLOPE EXTENT OF THE TRAP AND BASIN STORAGE AREAS TO DIVERT ALL FLOWS TO APPROPRIATE INFLOW DEVICES. THESE MEASURES WILL BE LOCATED BY THE CONTRACTOR AND THEREFORE NOT SHOWN ON THE PLAN VIEW.

B-4-5 STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION

DEFINITION

TO STABILIZE DISTURBED SOILS WITH PERMANENT VEGETATION.

PURPOSE

TO USE LONG-LIVED PERENNIAL GRASSES AND LEGUMES TO ESTABLISH PERMANENT GROUND COVER ON DISTURBED SOILS.

CONDITIONS WHERE PRACTICE APPLIES

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

CRITERIA

A. SEEDING MIXTURES

1. GENERAL USE

a. SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE PLANT HARDINESS ZONE (FROM FIGURE B.3) AND BASED ON THE SITE CONDITION OR PURPOSE FOUND ON TABLE B.2. ENTER SELECTED MIXTURE(S), APPLICATION RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY. THE SUMMARY IS TO BE PLACED ON THE PLAN.

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 1/2 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. 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.

NOTES:
SELECT TURFGRASS VARIETIES FROM THOSE LISTED IN THE MOST CURRENT UNIVERSITY OF MARYLAND PUBLICATION, AGRONOMY MEMO #77, "TURFGRASS CULTIVAR RECOMMENDATIONS FOR MARYLAND".

CHOOSE CERTIFIED MATERIAL. CERTIFIED MATERIAL IS THE BEST GUARANTEE OF CULTIVAR PURITY. THE CERTIFICATION PROGRAM OF THE MARYLAND DEPARTMENT OF AGRICULTURE, TURF AND SEED SECTION, PROVIDES A RELIABLE MEANS OF CONSUMER PROTECTION AND ASSURES A PURE GENETIC LINE.

c. IDEAL TIMES OF SEEDING FOR TURF GRASS MIXTURES

WESTERN MD: MARCH 15 TO JUNE 1, AUGUST 1 TO OCTOBER 1 (HARDINESS ZONES: 5b, 6a)

CENTRAL MD: MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDINESS ZONE: 6b)

SOUTHERN MD, EASTERN SHORE: MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDINESS ZONES: 7a, 7b)

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 1 1/2" 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 (1/2 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.

PERMANENT SEEDING SUMMARY

HARDINESS ZONE (FROM FIGURE B.3): 7B SEED MIXTURE (FROM TABLE B.3): 8, 9, 10					FERTILIZER RATE (10-10-10)			LIME RATE
NO.	SPECIES	APPLICATION RATE(LB./AC.)	SEEDING DATES	SEEDING DEPTHS	N	P_2O_5	K_2O	
8	TALL FESCUE	100	2 /15 - 4 /30 8 /15 - 10 /31 11 /1 - 11 /30	¼ - ½ IN	39 POUNDS PER ACRE (0.9 LB/ 1000 SF)	45 LB/AC (1 LB/ 1000 SF)	45 LB/AC (1 LB/ 1000 SF)	2 TONS/AC (90 LB/ 1000 SF)

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 NOT BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 3/4 INCH, PLUS OR MINUS 1/4 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 BE HARVESTED OR TRANSPLANTED WHEN MOISTURE CONTENT (EXCESSIVELY DRY OR WET) MAY ADVERSELY AFFECT ITS SURVIVAL.

e. SOD MUST NOT 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 1/3 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.

EROSION AND SEDIMENT CONTROL NOTES

THE WATER MANAGEMENT ADMINISTRATION REQUIRES THAT THESE NOTES, IN THEIR ENTIRETY, BE INCLUDED ON THE EROSION AND SEDIMENT CONTROL PLAN. IT IS RECOGNIZED THAT EVERY NOTE MAY NOT APPLY TO ALL PROJECTS. THE REQUIREMENT OF ANY INDIVIDUAL NOTE NOT APPLICABLE TO THE SUBJECT PROJECT IS NOT BINDING UPON THE APPLICANT OR THE APPLICANT'S CONTRACTOR.

1. THE CONTRACTOR SHALL NOTIFY THE 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 MEASURE 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 SEVEN (7) 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 THREE (3) DAYS 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 NOT 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 THE 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 A CUT OR FILL SLOPE 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, RIP-RAP, 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 IN 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 THAT EXISTS OR IS 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 SHALL BE PASSED THROUGH A WMA APPROVED DEWATERING PRACTICE OR PUMPED TO A SEDIMENT TRAP OR BASIN PRIOR TO DISCHARGE TO A 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 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:

A.	TOTAL AREA OF FACILITY (BASE, CAMPUS, PARK, ETC.)	6.11	ACRES
B.	AREA DISTURBED	5.60	ACRES
C.	AREA TO BE ROOFED OR PAVED	2.37	ACRES
D.	TOTAL CUT	8,090	CUBIC YARDS
E.	TOTAL FILL	14,130	CUBIC YARDS
F.	OFF-SITE BORROW FROM A LOCATION WITH AN APPROVED, ACTIVE GRADING PERMIT.		

B-4-8 STANDARDS AND SPECIFICATIONS FOR STOCKPILE AREA

DEFINITION

A MOUND OR PILE OF SOIL PROTECTED BY APPROPRIATELY DESIGNED EROSION AND SEDIMENT CONTROL MEASURES.

PURPOSE

TO PROVIDE A DESIGNATED LOCATION FOR THE TEMPORARY STORAGE OF SOIL THAT CONTROLS THE POTENTIAL FOR EROSION, SEDIMENTATION, AND CHANGES TO DRAINAGE PATTERNS.

CONDITIONS WHERE PRACTICE APPLIES

STOCKPILE AREAS ARE UTILIZED WHEN IT IS NECESSARY TO SALVAGE AND STORE FOR LATER USE.

CRITERIA

1. THE STOCKPILE LOCATION AND ALL RELATED SEDIMENT CONTROL PRACTICES MUST BE CLEARLY INDICATED ON THE EROSION AND SEDIMENT CONTROL PLANS.
2. THE FOOTPRINT OF THE STOCKPILE MUST BE SIZED TO ACCOMMODATE THE ANTICIPATED VOLUME OF MATERIAL AND BASED ON A SIDE SLOPE RATIO NO STEEPER THAN 2:1. BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION B-3 LAND GRADING.
3. RUNOFF FROM THE STOCKPILE AREA MUST DRAIN TO A SUITABLE SEDIMENT CONTROL PRACTICE.
4. ACCESS TO STOCKPILE AREA FROM THE UPGRADE SIDE.
5. CLEAR WATER RUNOFF INTO THE STOCKPILE AREA MUST BE MINIMIZED BY USE OF A DIVERSION DEVICE SUCH AS AN EARTH DIKE, TEMPORARY SWALE OR DIVERSION FENCE. PROVISIONS MUST BE MADE FOR DISCHARGING CONCENTRATED FLOW IN A NON-EROSIVE MANNER.
6. WHERE RUNOFF CONCENTRATES ALONG THE TOE OF THE STOCKPILE FILL, AN APPROPRIATE EROSION/ SEDIMENT CONTROL PRACTICE MUST BE USED TO INTERCEPT THE DISCHARGE.
7. STOCKPILES MUST BE ESTABLISHED IN ACCORDANCE WITH THE 3/7 DAY STABILIZATION REQUIREMENT AS WELL AS STANDARD B-4-1 INCREMENTAL STABILIZATION AND STANDARD B-4-4 TEMPORARY STABILIZATION.
8. IF THE STOCKPILE IS LOCATED ON AN IMPERVIOUS SURFACE, A LINER SHOULD BE PROVIDED BELOW THE STOCKPILE TO FACILITATE CLEANUP. STOCKPILES CONTAINING CONTAMINATED MATERIAL MUST BE COVERED WITH IMPERMEABLE SHEETING.

MAINTENANCE

THE STOCKPILE AREA MUST CONTINUOUSLY MEET THE REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN A 2:1 RATIO. THE STOCKPILE AREA MUST BE KEPT FREE OF EROSION. IF THE VERTICAL HEIGHT OF A STOCKPILE EXCEEDS 20 FEET FOR 2:1 SLOPES, 30 FEET FOR 3:1 SLOPES, OR 40 FEET FOR 4:1 SLOPES, BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION B-3 LAND GRADING.

H-5 STANDARDS AND SPECIFICATIONS FOR DUST CONTROL

DEFINITION

CONTROLLING THE SUSPENSION OF DUST PARTICLES FROM CONSTRUCTION.

PURPOSE

TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES TO REDUCE ON AND OFF-SITE DAMAGE INCLUDING HEALTH AND TRAFFIC HAZARDS.

CONDITIONS WHERE PRACTICE APPLIES

AREAS SUBJECT TO DUST BLOWING AND MOVEMENT WHERE ON AND OFF-SITE DAMAGE IS LIKELY WITHOUT TREATMENT

SPECIFICATIONS

1. MULCHES: SEE SECTION B-4-2 SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS, SECTION B-4-3 SEEDING AND MULCHING, AND SECTION B-4-4 TEMPORARY STABILIZATION. MULCH MUST BE ANCHORED TO PREVENT BLOWING.
2. VEGETATIVE COVER: SEE SECTION B-4-4 TEMPORARY STABILIZATION.
3. TILLAGE: TILL TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, SPRING-TOOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT THAT MAY PRODUCE THE DESIRED EFFECT.
4. IRRIGATION: SPRINKLE SITE WITH WATER UNTIL THE SURFACE IS MOIST. REPEAT AS NEEDED. THE SITE MUST NOT BE IRRIGATED TO THE POINT THAT RUNOFF OCCURS.
5. BARRIERS: SOLID BOARD FENCES, SILT FENCES, SNOW FENCES, BURLAP FENCES, STRAW BALES, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING.
6. CHEMICAL TREATMENT: USE OF CHEMICAL TREATMENT REQUIRES APPROVAL BY THE APPROPRIATE PLAN REVIEW AUTHORITY.

"FOR SEDIMENT CONTROL ONLY"

MDE# 16-SF-0049

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AV/IT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

7/27/2016 3:48:03 PM chena

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 36749 EXPIRATION DATE: JANUARY 21, 2017.

No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: N/A

DRAWING NAME

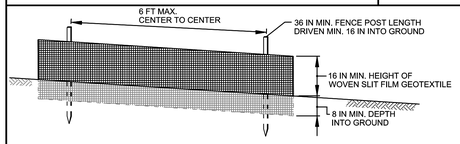
Sediment and Erosion Control Notes

C - 5.04

I:\Projects\3017479\3017479_0001\90_CAD Models and Sheets\04_C_Civil\Construction Documents\C-504-ROB.dgn

DETAIL E-1 SILT FENCE

STANDARD SYMBOL: SF



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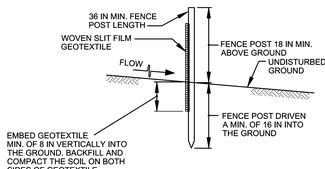
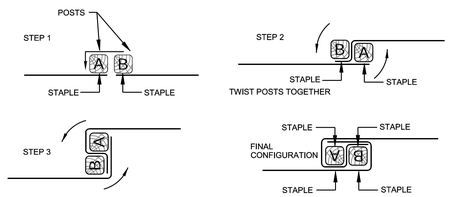


CROSS SECTION



JOINING TWO ADJACENT SILT FENCE SECTIONS (TOP VIEW)

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-1 SILT FENCE

STANDARD SYMBOL: SF

CONSTRUCTION SPECIFICATIONS

1. USE WOOD POSTS 1⅜ X 1⅜ ± 1/16 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.

DESIGN CRITERIA

TABLE E.2: SILT FENCE DESIGN CONSTRAINTS

AVERAGE SLOPE STEEPNESS	MAXIMUM SLOPE LENGTH	MAXIMUM SILT FENCE LENGTH
FLATTER THAN 50:1 (<2%)	300 FEET*	UNLIMITED
50:1 TO 10:1 (2-10%)	125 FEET	1,000 FEET
<10:1 TO 5:1 (>10-20%)	100 FEET	750 FEET
<5:1 (>20%)	40 FEET	250 FEET

* MAXIMUM SLOPE LENGTH IS UNLIMITED ON HYDROLOGIC SOIL GROUP (HSG) "A" SOILS

2 OF 2

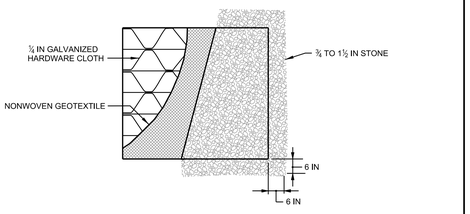
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

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

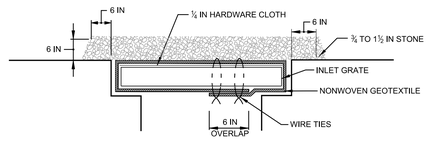
DETAIL E-9-2 AT-GRADE INLET PROTECTION

STANDARD SYMBOL: AGIP

MAXIMUM DRAINAGE AREA = 1 ACRE



PLAN / CUT AWAY VIEW



CROSS SECTION

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.

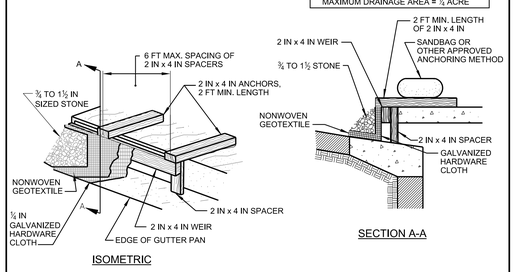
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

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



ISOMETRIC

SECTION A-A

CONSTRUCTION SPECIFICATIONS

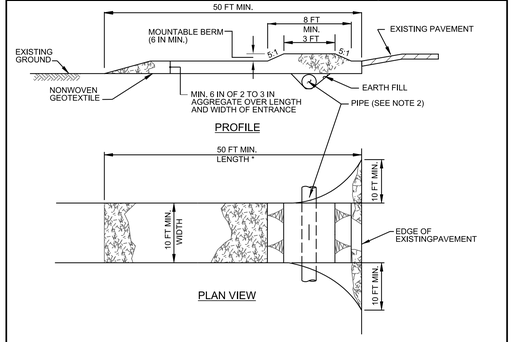
1. USE NOMINAL 2 INCH x 4 INCH LUMBER
2. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
3. NAIL THE 2x4 WEIR TO 9 INCH LONG VERTICAL SPACERS (MAXIMUM 6 FEET APART).
4. ATTACH A CONTINUOUS PIECE OF ½ INCH GALVANIZED HARDWARE CLOTH, WITH A MINIMUM WIDTH OF 30 INCHES AND A MINIMUM LENGTH 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 B-1 STABILIZED CONSTRUCTION ENTRANCE

STANDARD SYMBOL: SCE



PROFILE

PLAN VIEW

CONSTRUCTION SPECIFICATIONS

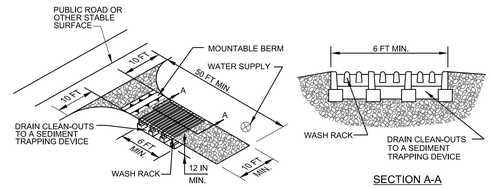
1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (*)50 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING 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

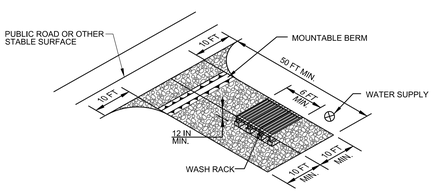
DETAIL B-2 WASH RACK OPTION

STANDARD SYMBOL: WR



SECTION A-A

ISOMETRIC VIEW - WASH RACK IN SCE



ISOMETRIC VIEW- WASH RACK ALONG SCE

CONSTRUCTION SPECIFICATIONS

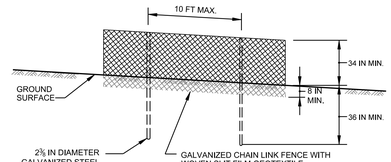
1. USE A WASH RACK DESIGNED AND CONSTRUCTED/MANUFACTURED FOR THE ANTICIPATED TRAFFIC LOADS, CONCRETE, STEEL, OR OTHER MATERIALS ARE ACCEPTABLE. PRE-FABRICATED UNITS SUCH AS CATTLE GUARDS ARE ACCEPTABLE. USE MINIMUM DIMENSION OF 6 FEET x 10 FEET. ORIENT DIRECTION OF RIBS AS SHOWN ON THE DETAIL.
2. INSTALL PRIOR TO, ALONG SIDE OF, OR AS PART OF THE SCE.
3. DIRECT WASH WATER TO AN APPROVED SEDIMENT TRAPPING DEVICE.
4. KEEP AREA UNDER WASH RACK FREE OF ACCUMULATED SEDIMENT, IF DAMAGED, REPAIR OR REPLACE WASH RACK.

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



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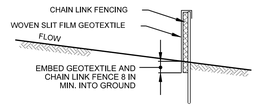


CROSS SECTION

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.

DESIGN CRITERIA

TABLE E.3: SUPER SILT FENCE DESIGN CONSTRAINTS

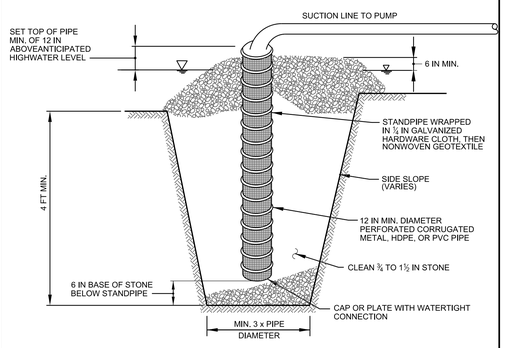
AVERAGE SLOPE STEEPNESS	MAXIMUM SLOPE LENGTH	MAXIMUM SUPER SILT FENCE LENGTH
FLATTER THAN 10:1 (0<10%)	UNLIMITED	UNLIMITED
10:1 TO 5:1 (10-20%)	200 FEET	1,500 FEET
<5:1 TO 3:1 (>20-33%)	150 FEET	1,000 FEET
<3:1 TO (>33-50%)	100 FEET	500 FEET
STEEPER THAN 2:1 (>50%)	50 FEET	250 FEET

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-2 SUMP PIT

STANDARD SYMBOL: SP



ELEVATION

CONSTRUCTION SPECIFICATIONS

1. USE 12 INCH OR LARGER DIAMETER CORRUGATED METAL, HDPE, OR PVC PIPE WITH 1 INCH DIAMETER PERFORATIONS, 6 INCHES ON CENTER. BOTTOM OF PIPE MUST BE CAPPED WITH WATERTIGHT SEAL.
2. WRAP PIPE WITH ½ INCH GALVANIZED HARDWARE CLOTH AND WRAP NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS, OVER THE HARDWARE CLOTH.
3. EXCAVATE PIT TO THREE TIMES THE PIPE DIAMETER AND FOUR FEET IN DEPTH. PLACE ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE, 6 INCHES IN DEPTH PRIOR TO PIPE PLACEMENT.
4. SET TOP OF PIPE MINIMUM 12 INCHES ABOVE ANTICIPATED WATER SURFACE ELEVATION.
5. BACKFILL PIT AROUND THE PIPE WITH ¾ TO 1½ INCH CLEAN STONE OR EQUIVALENT RECYCLED CONCRETE AND EXTEND STONE A MINIMUM OF 6 INCHES ABOVE ANTICIPATED WATER SURFACE ELEVATION.
6. DISCHARGE TO A STABLE AREA AT A NONEROSIVE RATE.
7. A SUMP PIT REQUIRES FREQUENT MAINTENANCE. IF SYSTEM CLOGS, REMOVE PERFORATED PIPE AND REPLACE GEOTEXTILE AND STONE. KEEP POINT OF DISCHARGE FREE OF EROSION.

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

"FOR SEDIMENT CONTROL ONLY"

MDE# 16-SF-0049

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: N/A

DRAWING NAME

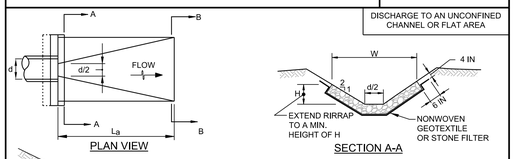
Sediment and Erosion Control Details

C - 5.05

DETAIL D-4-1-C ROCK OUTLET PROTECTION III

STANDARD SYMBOL: ROPIII

DISCHARGE TO AN UNCONFINED CHANNEL OR FLAT AREA



RIPRAP	
CLASS	THICKNESS (T)
I	19 IN
II	32 IN
III	46 IN

CONSTRUCTION SPECIFICATIONS

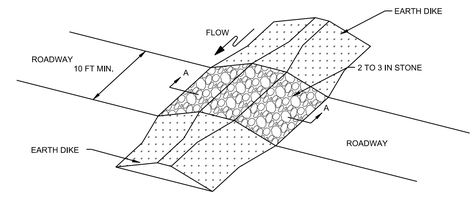
1. RIPRAP AND STONE MUST CONFORM TO THE SPECIFIED CLASS.
2. USE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS, AND PROTECT FROM PUNCTURING, CUTTING, OR TEARING. REPAIR ANY DAMAGE OTHER THAN AN OCCASIONAL SMALL HOLE BY PLACING ANOTHER PIECE OF GEOTEXTILE OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE GEOTEXTILE. PROVIDE A MINIMUM OF ONE FOOT OVERLAP FOR ALL REPAIRS AND FOR JOINING TWO PIECES OF GEOTEXTILE TOGETHER.
3. PREPARE THE SUBGRADE FOR GEOTEXTILE OR STONE FILTER (⅜ TO 1½ INCH MINIMUM STONE FOR 6 INCH MINIMUM DEPTH) AND RIPRAP TO THE REQUIRED LINES AND GRADES. COMPACT ANY FILL REQUIRED IN THE SUBGRADE TO A DENSITY OF APPROXIMATELY THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
4. EXTEND GEOTEXTILE AT LEAST 6 INCHES BEYOND EDGES OF RIPRAP AND EMBED AT LEAST 4 INCHES AT SIDES OF RIPRAP.
5. CONSTRUCT RIPRAP OUTLET TO FULL COURSE THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO AVOID DISPLACEMENT OF UNDERLYING MATERIALS. PLACE STONE FOR RIPRAP OUTLET IN A MANNER THAT WILL ENSURE THAT IT IS REASONABLY HOMOGENOUS WITH THE SMALLER STONES AND SPALLS FILLING THE VOIDS BETWEEN THE LARGER STONES. PLACE RIPRAP IN A MANNER TO PREVENT DAMAGE TO THE FILTER BLANKET OR GEOTEXTILE. HAND PLACE TO THE EXTENT NECESSARY.
6. WHERE NO ENDWALL IS USED, CONSTRUCT THE UPSTREAM END OF THE APRON SO THAT THE WIDTH IS TWO TIMES THE DIAMETER OF THE OUTLET PIPE, AND EXTEND THE STONE UNDER THE OUTLET BY A MINIMUM OF 18 INCHES.
7. CONSTRUCT APRON WITH 0% SLOPE ALONG ITS LENGTH AND WITHOUT OBSTRUCTIONS. PLACE STONE SO THAT IT BLENDS IN WITH EXISTING GROUND.
8. MAINTAIN LINE, GRADE, AND CROSS SECTION. KEEP OUTLET FREE OF EROSION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS, AFTER HIGH FLOWS INSPECT FOR SCOUR AND RIPRAP DISLODGED RIPRAP. MAKE NECESSARY REPAIRS IMMEDIATELY.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

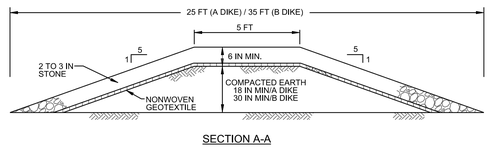
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL C-8 MOUNTABLE BERM

STANDARD SYMBOL: MB



ISOMETRIC VIEW



SECTION A-A

CONSTRUCTION SPECIFICATIONS

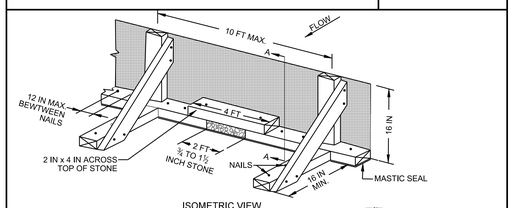
1. USE MINIMUM WIDTH OF 10 FEET TO ALLOW FOR VEHICULAR PASSAGE.
2. PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS, OVER THE EARTH MOUND PRIOR TO PLACING STONE.
3. PLACE 2 TO 3 INCH STONE OR EQUIVALENT RECYCLED CONCRETE AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE MOUNTABLE BERM.
4. MAINTAIN LINE, GRADE, AND CROSS SECTION, ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN SPECIFIED DIMENSIONS, REMOVE ACCUMULATED SEDIMENT AND DEBRIS. MAINTAIN POSITIVE DRAINAGE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

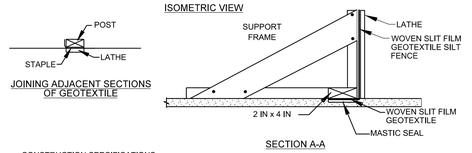
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL E-2 SILT FENCE ON PAVEMENT

STANDARD SYMBOL: SFOP



ISOMETRIC VIEW



SECTION A-A

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.

DESIGN CRITERIA

TABLE E.2: SILT FENCE ON PAVEMENT DESIGN CONSTRAINTS

AVERAGE SLOPE STEEPNESS	MAXIMUM SLOPE LENGTH	MAXIMUM SILT FENCE LENGTH
FLATTER THAN 50:1 (<2%)	250 FEET	500 FEET
50:1 TO 10:1 (2-10%)	125 FEET	250 FEET
<10:1 TO 5:1 (>10-20%)	100 FEET	200 FEET

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

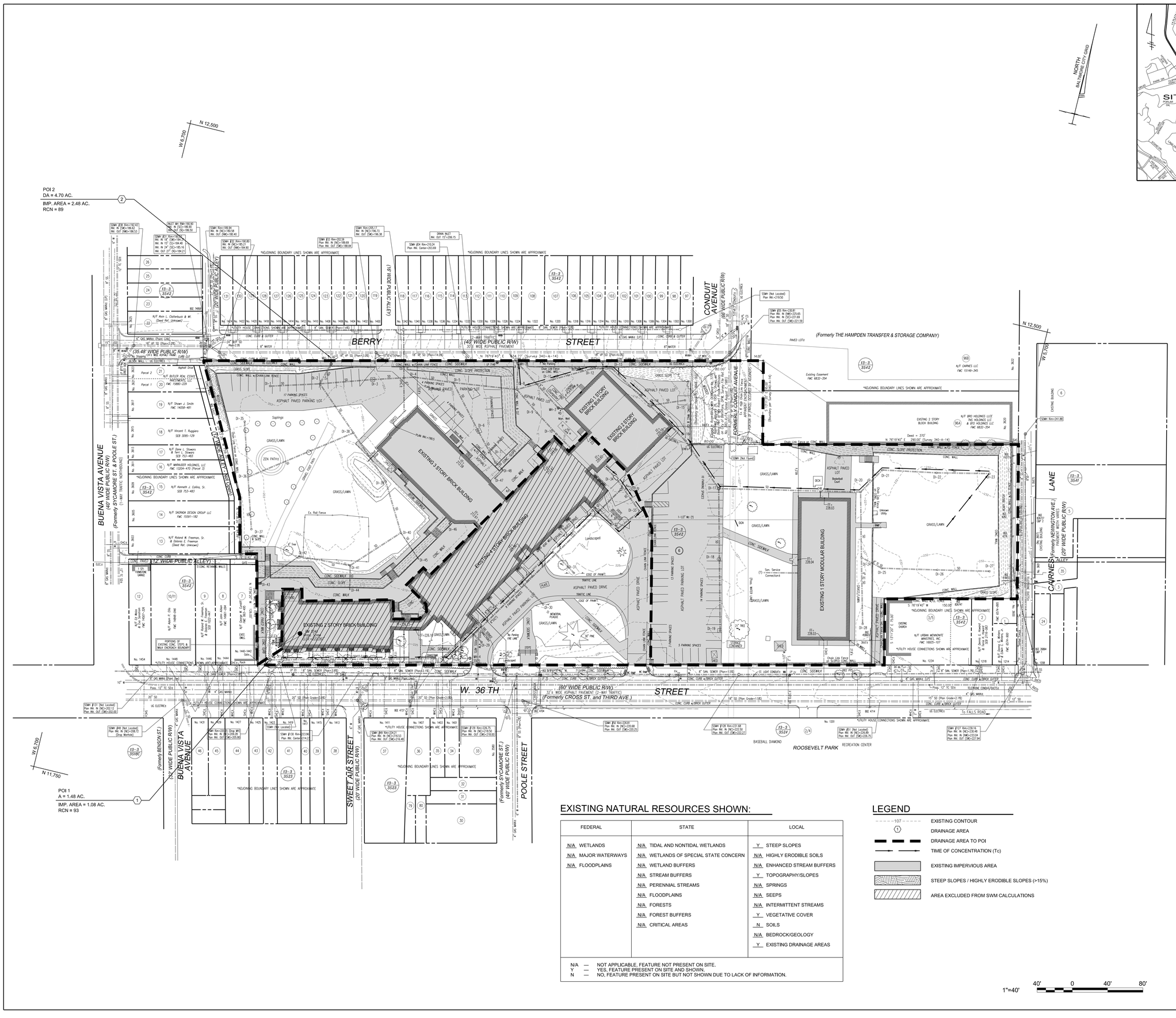
DATE: 03/31/16

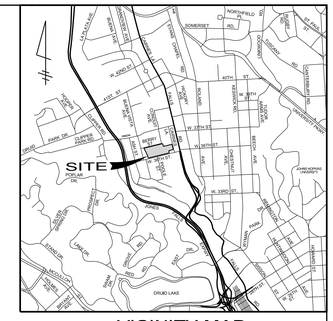
SCALE: N/A

DRAWING NAME

Sediment and Erosion Control Details

C - 5.06





VICINITY MAP
SCALE: 1"=2,000'

EXISTING NATURAL RESOURCES SHOWN:

FEDERAL	STATE	LOCAL
N/A WETLANDS	N/A TIDAL AND NONTIDAL WETLANDS	Y STEEP SLOPES
N/A MAJOR WATERWAYS	N/A WETLANDS OF SPECIAL STATE CONCERN	N/A HIGHLY ERODIBLE SOILS
N/A FLOODPLAINS	N/A WETLAND BUFFERS	N/A ENHANCED STREAM BUFFERS
	N/A STREAM BUFFERS	Y TOPOGRAPHY/SLOPES
	N/A PERENNIAL STREAMS	N/A SPRINGS
	N/A FLOODPLAINS	N/A SEEPS
	N/A FORESTS	N/A INTERMITTENT STREAMS
	N/A FOREST BUFFERS	Y VEGETATIVE COVER
	N/A CRITICAL AREAS	N SOILS
		N/A BEDROCK/GEOLOGY
		Y EXISTING DRAINAGE AREAS

N/A — NOT APPLICABLE, FEATURE NOT PRESENT ON SITE.
Y — YES, FEATURE PRESENT ON SITE AND SHOWN.
N — NO, FEATURE PRESENT ON SITE BUT NOT SHOWN DUE TO LACK OF INFORMATION.

LEGEND

- 107 — EXISTING CONTOUR
- (Y) — DRAINAGE AREA
- DRAINAGE AREA TO POI
- TIME OF CONCENTRATION (Tc)
- EXISTING IMPERVIOUS AREA
- STEEP SLOPES / HIGHLY ERODIBLE SLOPES (>15%)
- AREA EXCLUDED FROM SWM CALCULATIONS

MDE# 16-SF-0049

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479
DATE: 03/31/16
SCALE: 1" = 40'
DRAWING NAME

SWM Existing Drainage Area Map

C - 7.01

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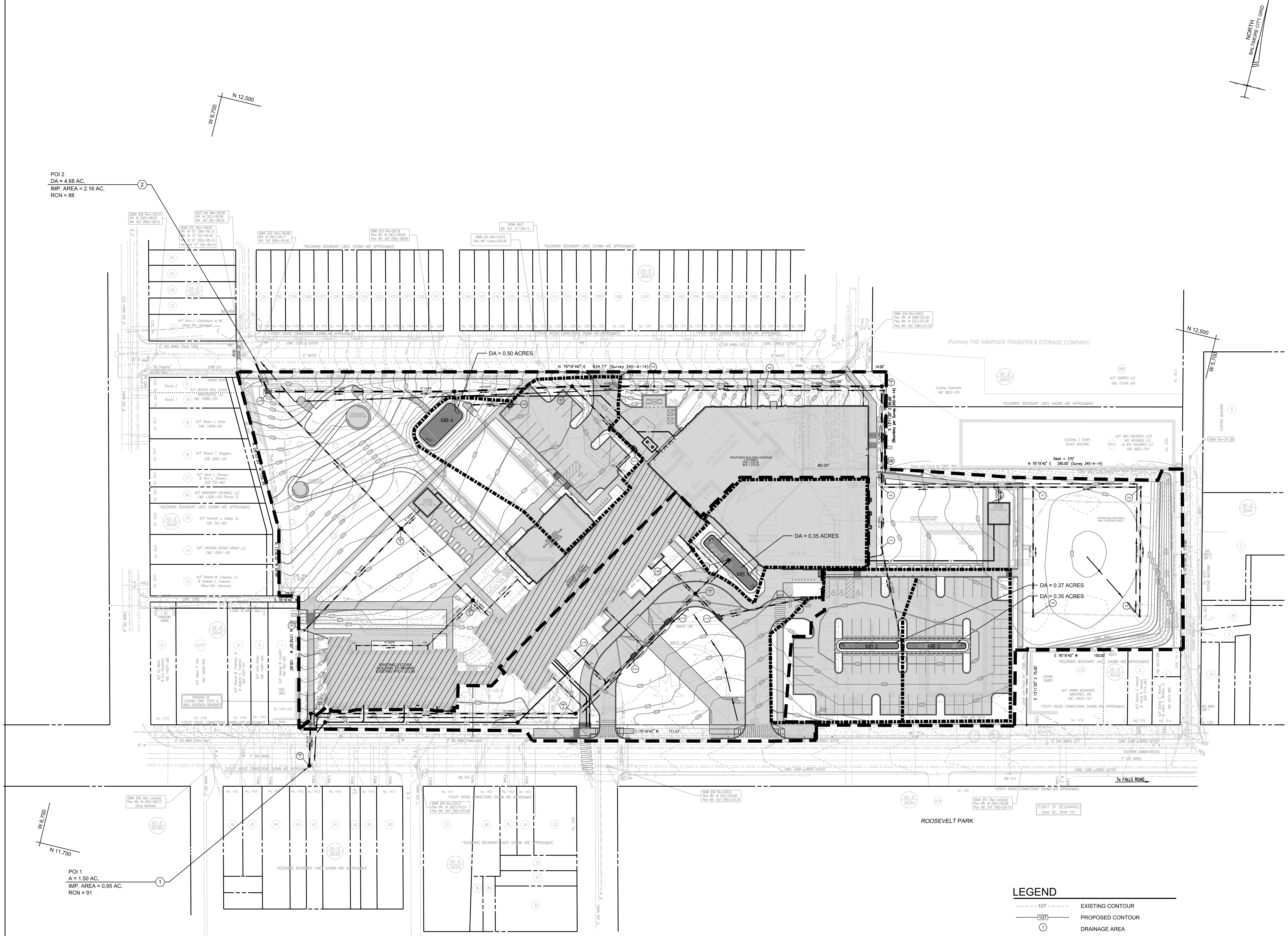
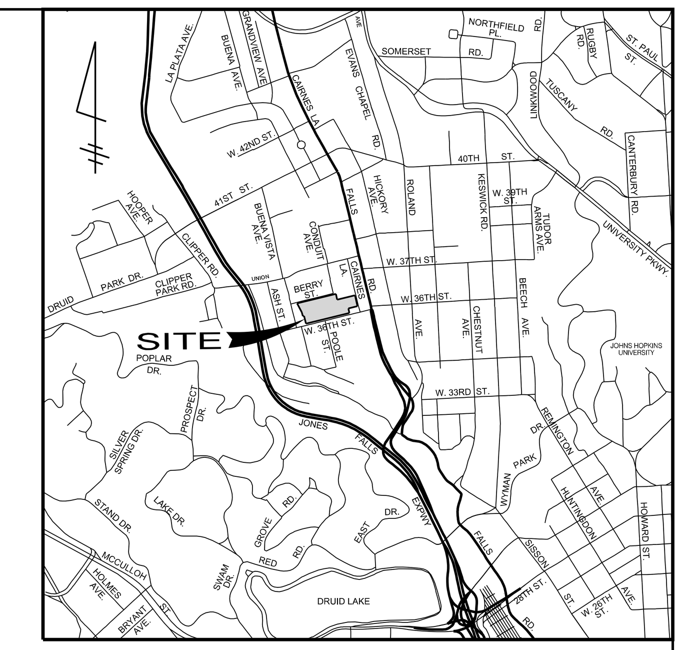


LEGEND

----107----	EXISTING CONTOUR
—107—	PROPOSED CONTOUR
⟨1⟩	DRAINAGE AREA
▬ ▬ ▬	DRAINAGE AREA TO POI
▮▮▮▮	DRAINAGE AREA TO SWM FACILITY
—▸ —▸	TIME OF CONCENTRATION (Tc)
(light shading)	PROPOSED IMPERVIOUS AREA
(dark shading)	MICRO-BIORETENTION AREA
(hatching)	AREA EXCLUDED FROM SWM QUALITY CALCULATIONS

1"=40' 40' 0 40' 80'

MDE# 16-SF-0049



VICINITY MAP
SCALE: 1"=2,000'

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479
DATE: 03/31/16
SCALE: 1" = 40'
DRAWING NAME

SWM Proposed Drainage Area Map

C - 7.02

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NO.	ESC MEASURE	DRAINAGE AREA
1	CIP	0.21
2	AGIP	0.09
3	AGIP	0.06
4	AGIP	0.08
5	AGIP	0.17
6	AGIP	0.04
7	CIP	0.15
8	AGIP	0.08
9	AGIP	0.03
10	AGIP	0.01
11	AGIP	0.04
12	AGIP	0.25
13	AGIP	0.20
14	AGIP	0.01
15	AGIP	0.49
16	AGIP	0.10
17	AGIP	0.08

NO.	ESC MEASURE	DRAINAGE AREA
18	AGIP	0.22
19	AGIP	0.10
20	AGIP	0.11
21	AGIP	0.13
22	AGIP	0.13
23	AGIP	0.05
24	AGIP	0.06
25	AGIP	0.29
26	AGIP	0.34
27	AGIP	0.08
28	AGIP	0.03
29	AGIP	0.06
30	AGIP	0.20
31	AGIP	0.20
32	AGIP	0.10
33	AGIP	0.01
34	AGIP	0.08

NO.	ESC MEASURE	DRAINAGE AREA
35	AGP	0.03
36	AGIP	0.01
37	AGIP	0.04
38	AGIP	0.01
39	AGIP	0.27
40	AGIP	0.08
41	AGIP	0.05
42	AGIP	0.35
43	AGIP	0.14
44	AGIP	0.07
45	AGIP	0.01
46	AGIP	0.01
47	AGIP	0.01
48	AGIP	0.02
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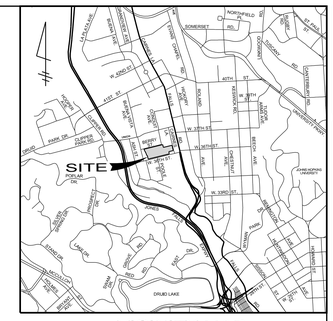

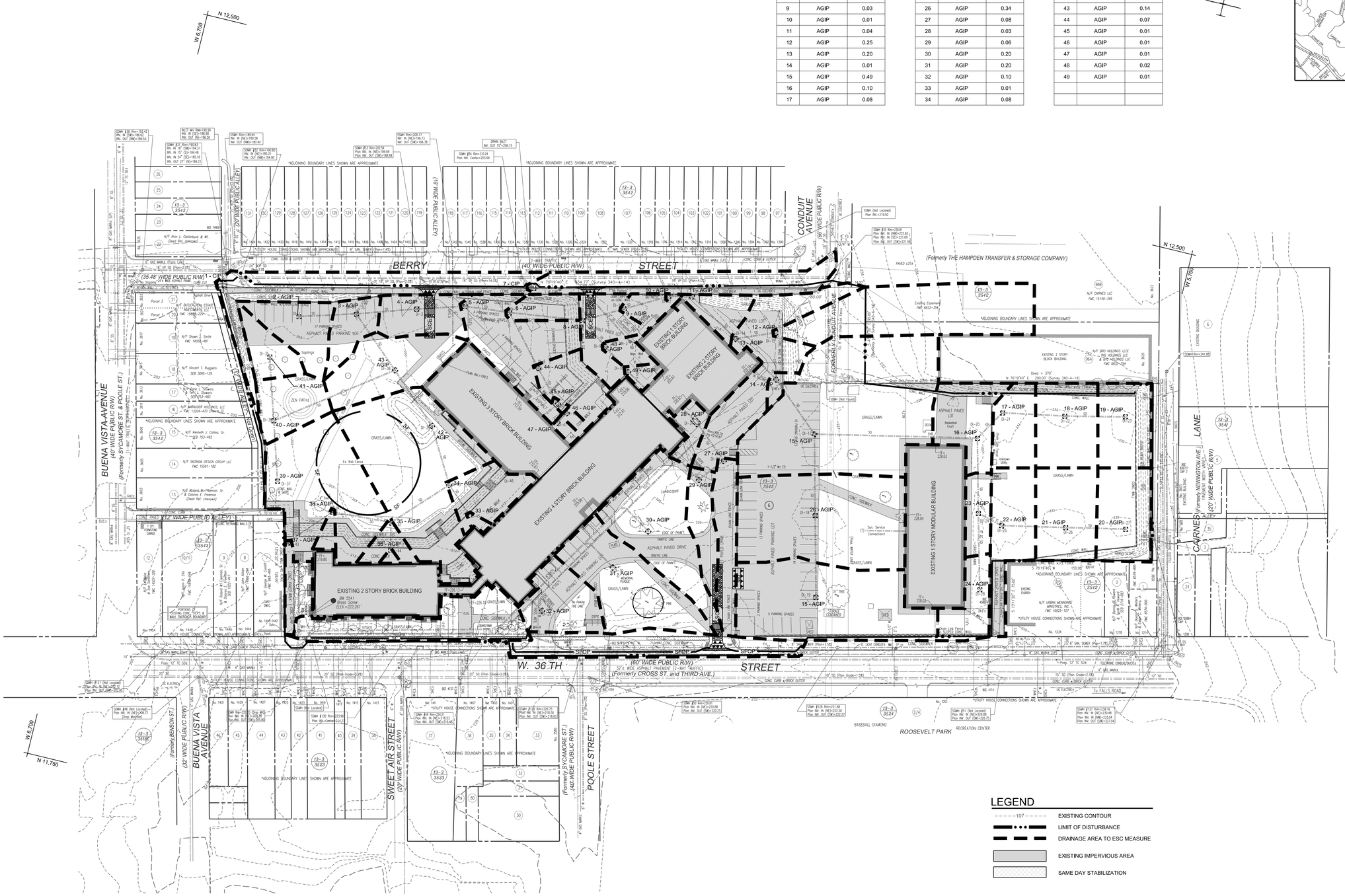

LEGEND

- EXISTING CONTOUR (107)
- LIMIT OF DISTURBANCE
- DRAINAGE AREA TO ESC MEASURE
- EXISTING IMPERVIOUS AREA
- SAME DAY STABILIZATION

1"=40' (40' 0 40' 80')

MDE# 16-SF-0049

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No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: 1" = 40'

DRAWING NAME

SEC Existing Drainage Area Map

C - 8.01

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NO.	ESC MEASURE	DRAINAGE AREA
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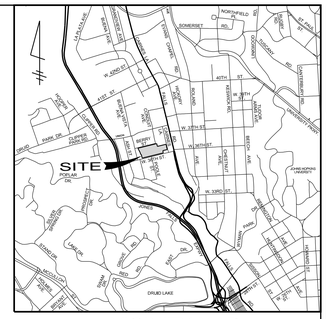
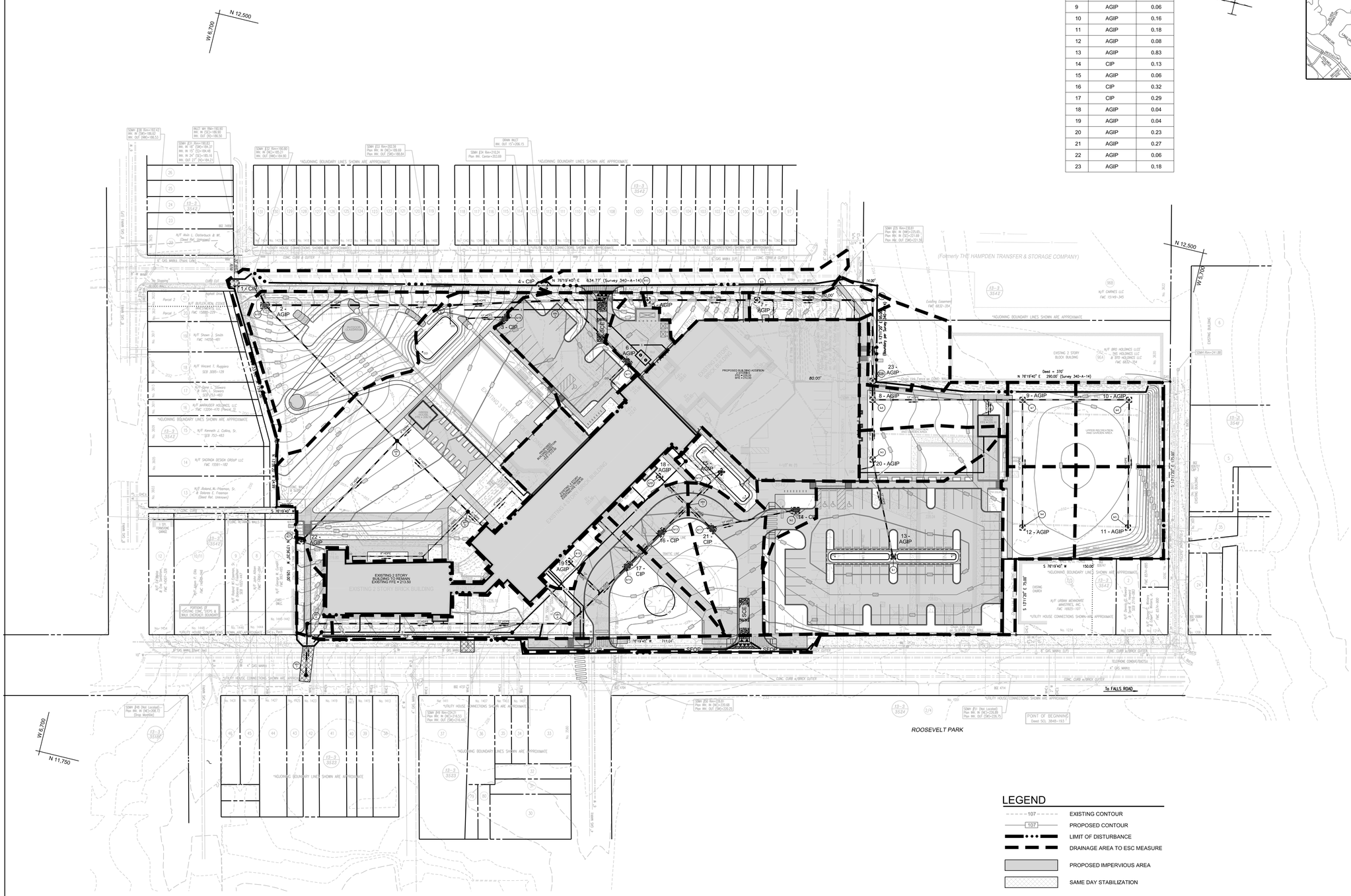
2	AGIP	0.43
3	CIP	0.26
4	CIP	0.14
5	AGIP	0.07
6	AGIP	0.08
7	AGIP	0.18
8	AGIP	0.19
9	AGIP	0.06
10	AGIP	0.16
11	AGIP	0.18
12	AGIP	0.08
13	AGIP	0.83
14	CIP	0.13
15	AGIP	0.06
16	CIP	0.32
17	CIP	0.29
18	AGIP	0.04
19	AGIP	0.04
20	AGIP	0.23
21	AGIP	0.27
22	AGIP	0.06
23	AGIP	0.18





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EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 36749 EXPIRATION DATE: JANUARY 21, 2017.

No.	DATE	DESCRIPTION

PROJECT No.: 3017479

DATE: 03/31/16

SCALE: 1" = 40'

DRAWING NAME

SEC Proposed Drainage Area Map

C - 8.02

7/27/2016 3:48:17 PM chena

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ABBREVIATIONS

&	AND
@	AT
A/C	AIR CONDITIONING
ACP	ACOUSTICAL CEILING PANEL(S)
ADH	ADHESIVE
ADJ	ADJACENT
ADJST	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
ALUM	ALUMINUM
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT(URAL)
AVG	AVERAGE
BD	BOARD
BLDG	BUILDING
BLKHD	BULKHEAD
BLKG	BLOCKING
BM	BEAM
BTWN	BETWEEN
℄	CENTER LINE
C/S	COUNTERSUNK
CAB	CABINET
CEM	CEMENT
CH	CEILING HEIGHT
CJ	CONTROL JOINT
CLG	CEILING
CLKG	CAULKING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMB	COMBINATION
CONC	CONCRETE
COND	CONDITION(S)
CONST	CONSTRUCT(ION)
CONT	CONTINUOUS
COORD	COORDINATE
CPT	CARPET
CTR	COUNTER
D, Ø	DIAMETER
DW	DISHWASHER
DBL	DOUBLE
DET	DETAIL
DEMO('D)	DEMOLISH(ED)
DIAG	DIAGONAL(LY)
DIM	DIMENSION
DISP	DISPENSER
DN	DOWN
DR	DOOR
DWG	DRAWING
E	EAST
EA	EACH
EJ	EXPANSION JOINT
ELEC	ELECTRIC(AL)
EL(ELEV)	ELEVATION
ENCL	ENCLOSURE
EQ	EQUAL
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EX	EXISTING
EXPS	EXPANSION
EXP	EXPOSED
EXT	EXTERIOR
F	FAHRENHEIT
FA	FIRE ALARM
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FF	FINISH FLOOR
FIN	FINISH
FLR	FLOOR
FLOUR	FLUORESCENT
FRP	FIBERGLASS REINFORCED PLASTIC
FT	FOOT, FEET
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERAL
GL	GLASS/GLAZING
GR	GRADE
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H/HT	HEIGHT
HC	HANDICAPPED
HDW	HARDWARE
HM	HOLLOW METAL
HNDRL	HANDRAIL
HORIZ	HORIZONTAL
HR	HOUR
HTG	HEATING
HVAC	HEATING, VENTILATING, AIR CONDITIONING
ID	INSIDE DIAMETER
IGU	INSULATED-GLASS UNIT
INCL	INCLUDE
INSUL	INSULATION
INT	INTERIOR
IT	INFORMATION TECHNOLOGY
JST	JOIST
JT	JOINT
LAM	LAMINATE(D)
LAV	LAVATORY
LAY	LAY(ER)(S)
LF	LINEAR FOOT (FEET)
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LVR	LOUVER
MACH	MACHINE
MANF	MANUFACTURED(ER)
MASN	MASONRY
MAT	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MISC	MISCELLANEOUS
MLDG	MOLDING
MO	MASONRY OPENING
MTL	METAL
MTD	MOUNTED
MULL	MULLION
N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTD	NOTED
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OP	OPERABLE
OPG	OPENING
OPP	OPPOSITE
PERF	PERFORATE(D)
PIP	POURED IN PLACE
PL	PLATE
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PM	PROJECT MANAGER
PNL	PANEL
POL	POLISHED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT
PTD	PAINTED
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PVG	PAVING
R	RADIUS, RISER
RA	RETURN AIR
REG	REGISTER
REINF	REINFORCE(MENT)(ING)
REL	RELOCATE
REM	REMOVE
REQ'D	REQUIRED
RET	RETURN
RF	ROOF
RFG	ROOFING
RFL	REFLECT(ED)(IVE)(OR)
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
RT	RESILIENT TILE
RX	REMOVE EXISTING
S	SOUTH
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FEET
SH	SHEET
SHLVG	SHELVING
SHTG	SHEATHING
SIM	SIMILAR
SM	SHEET METAL
SPEC	SPECIFICATION(S)
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STR	STRUCTURAL
STRG	STORAGE
SUSP	SUSPEND(ED)
SYM	SYMMETRICAL
SYS	SYSTEM
T	TREAD
T&G	TONGUE AND GROOVE
TBD	TO BE DETERMINED
TEMP	TEMPORARY
THK	THICK(NESS)
THR	THRESHOLD
TYP	TYPICAL
UL	UNDERWRITER'S LABORATORIES, INC.
UNO	UNLESS NOTED OTHERWISE
UV	UNIT VENTILATOR
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL(LY)
VIF	VERIFY IN FIELD
W	WEST/WIDE/WIDTH
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WT	WEIGHT
WD	WOOD

GENERAL NOTES

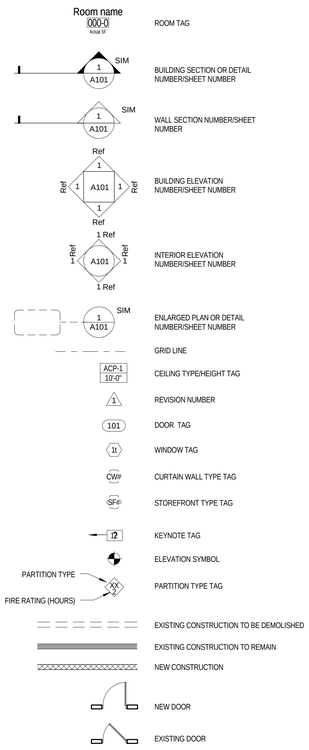
GENERAL DEMOLITION NOTES:

A. COORDINATE EXTENT OF DEMOLITION WORK WITH REQUIREMENTS SET FORTH FOR NEW WORK.
B. INCLUDE ABATEMENT COSTS IN THE BASE BID. COORDINATE ALL WORK WITH HAZARDOUS MATERIALS LAWS AND BCPS SPECIFICATIONS FOR HAZARDOUS MATERIAL ABATEMENT. PROCEDURES ARE SPECIFIED FOR HANDLING, REMOVAL AND DISPOSAL OF HAZARDOUS WASTE.
C. PHOTODOCUMENT THE SITE BEFORE COMMENCING WORK.
D. MOVE AND/OR DISPOSE OF ANY CONTENTS IN THE WORK AREA AS DIRECTED BY THE MSA/BCPS PROJECT MANAGER. FRAGILE ITEMS SHALL BE PROVIDED SUITABLE HANDLING. MOVE AND STORE ITEMS ON SITE AS DIRECTED BY THE PM. ON COMPLETION, MOVE STORED ITEMS BACK TO THE WORK AREA OR OTHER LOCATIONS WITHIN THE BUILDING AS DIRECTED BY THE PM. CONTRACTOR TO FIELD VERIFY ALL AREAS OF WORK TO DETERMINE MOVABLE ITEMS WITH THE PM.
E. WHERE "EXISTING CONSTRUCTION TO BE REMOVED" IS DEMOLISHED FROM "CONSTRUCTION TO REMAIN," PATCH, FILL HOLES, CLEAN, PREPARE, PRIME, AND APPLY NEW FINISH. COMPLETED WORK IS TO BE INDISTINGUISHABLE FROM ADJACENT WORK. THIS APPLIES TO ALL FLOORS, WALLS, ETC.
F. COMPLETELY REMOVE ANCHORS, PINS, TAPE, VELCRO, HANGERS, SCREWS, MASTIC, ADHESIVE, ETC. AT ADJACENT INTERIOR SURFACES TO BE PAINTED. REPAIR AND CLEAN AREAS WHERE ITEMS ARE REMOVED. REMOVE OR CONCEAL GRAFFITI AT WINDOW SILLS, JAMBS, AND HEADS.
G. REMOVE ALL BLINDS, CURTAINS, AND WINDOW COVERINGS.
H. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK.
I. COORDINATE REMOVAL OF BEARING WALLS WITH STRUCTURAL DRAWINGS.

GENERAL NEW WORK NOTES:

A. COMPLETE THE WORK IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS AND ALL APPLICABLE LAWS, CODES, RULES AND REGULATIONS.
B. FIELD VERIFY ALL SITE CONDITIONS, UTILITIES, DIMENSIONS, ELEVATIONS AND CONCEALED CONDITIONS PRIOR TO STARTING WORK AND NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DOCUMENTS AND AS BUILT CONDITIONS POTENTIALLY AFFECTING THE PROJECT.
C. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL COSTS RESULTING FROM APPROVED SUBSTITUTIONS.
D. PLYWOOD IN ALL ELECTRICAL, MDF, AND IDF ROOMS FOR EQUIPMENT AND PANEL MOUNTING SHALL BE FIRE TREATED

SYMBOLS



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LICENSE NO.: 8002
EXPIRATION DATE: 6/30/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/8" = 1'-0"

DRAWING NAME
GEN. NOTES, SYMBOLS, & ABBREV.

A 001

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OCCUPANT LOAD BY FLOOR

LEVEL 0: 432 OCCUPANTS
LEVEL 1: 1,471 OCCUPANTS
LEVEL 2: 848 OCCUPANTS
LEVEL 3: 762 OCCUPANTS

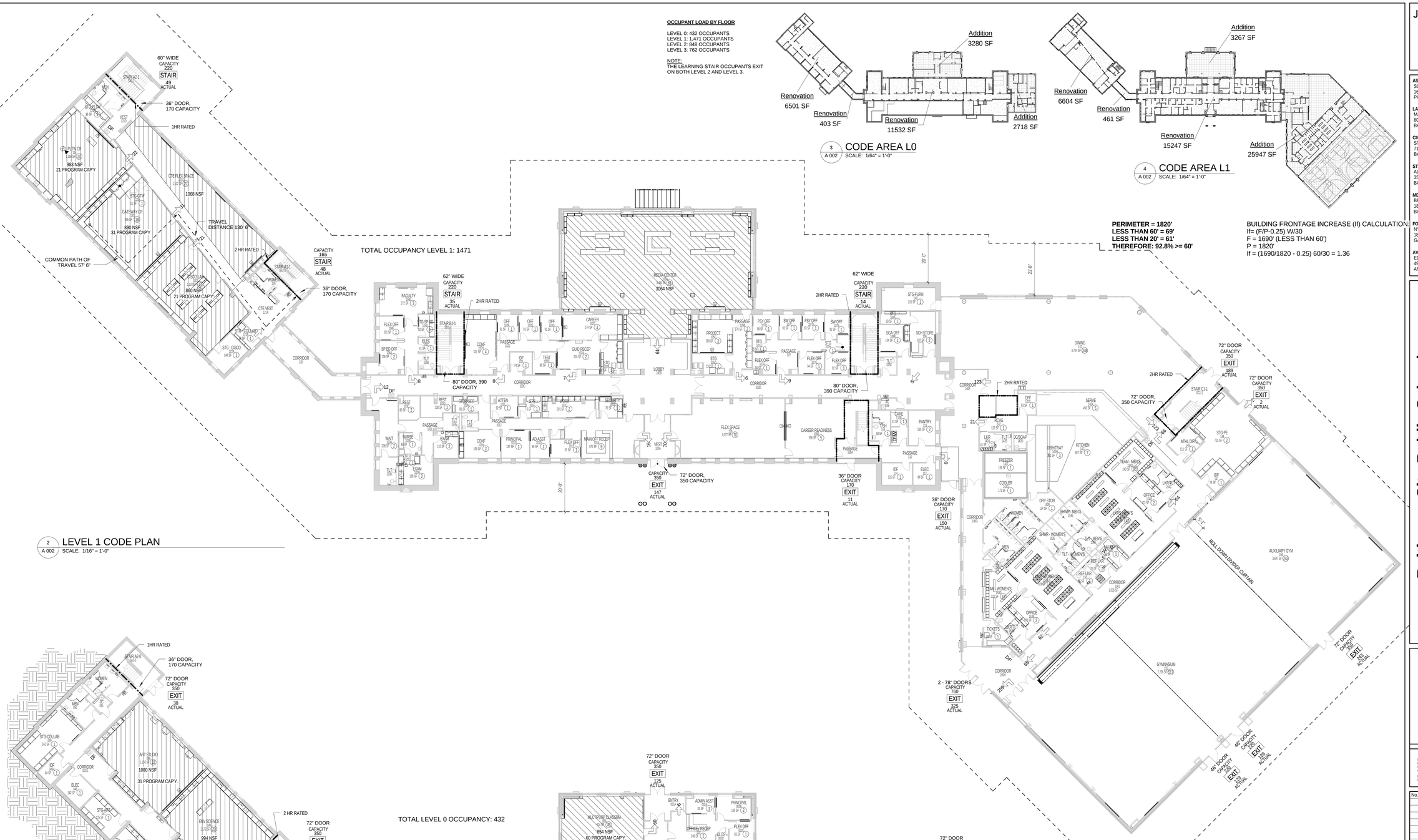
NOTE:
THE LEARNING STAIR OCCUPANTS EXIT ON BOTH LEVEL 2 AND LEVEL 3.

3 A 002 CODE AREA L0
SCALE: 1/64" = 1'-0"

4 A 002 CODE AREA L1
SCALE: 1/64" = 1'-0"

PERIMETER = 1820'
LESS THAN 60' = 69'
LESS THAN 20' = 61'
THEREFORE: 92.8% >= 60'

BUILDING FRONTAGE INCREASE (If) CALCULATION:
If= (F/P-0.25) W/30
F = 1690' (LESS THAN 60')
P = 1820'
If = (1690/1820 - 0.25) 60/30 = 1.36



2 A 002 LEVEL 1 CODE PLAN
SCALE: 1/16" = 1'-0"

1 A 002 LEVEL 0 CODE PLAN
SCALE: 1/16" = 1'-0"

NOTES:
1. DRINKING FOUNTAINS SHOWN AS DF. ALL DRINKING FOUNTAINS ARE ACCESSIBLE.

SMOKE BARRIER
1 HOUR RATED
2 HOUR RATED

NUMBER OF OCCUPANTS EXITING A SPACE
CAPACITY OF EXIT DOOR
NUMBER EXITING
CAPACITY OF EXIT STAIR
NUMBER EXITING
ROOM NUMBER — ROOM NAME
ROOM AREA — OCCUPANCY
RATED FLOOR/CEILING OR ROOF/CEILING ABOVE
NET ROOM AREA

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No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
CODE PLAN

A 002

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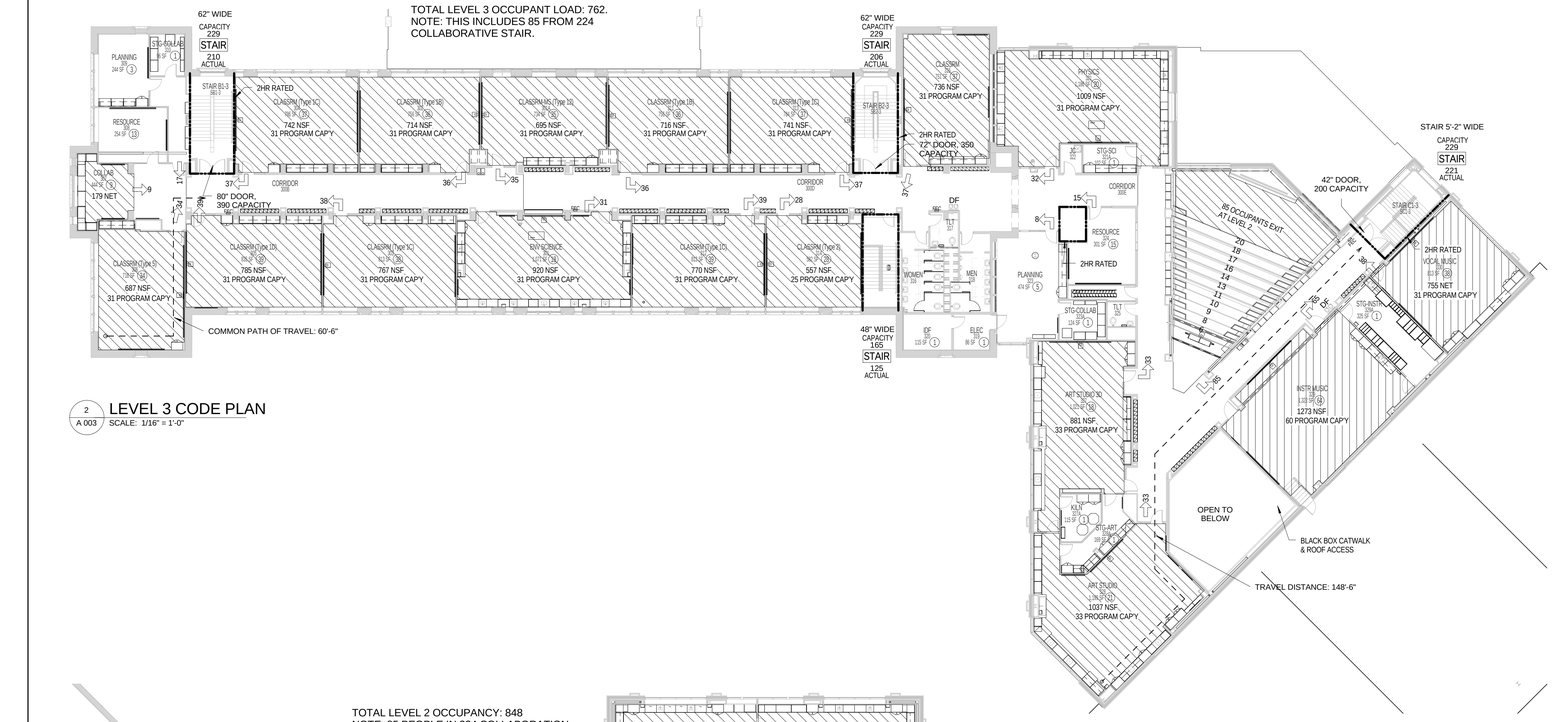
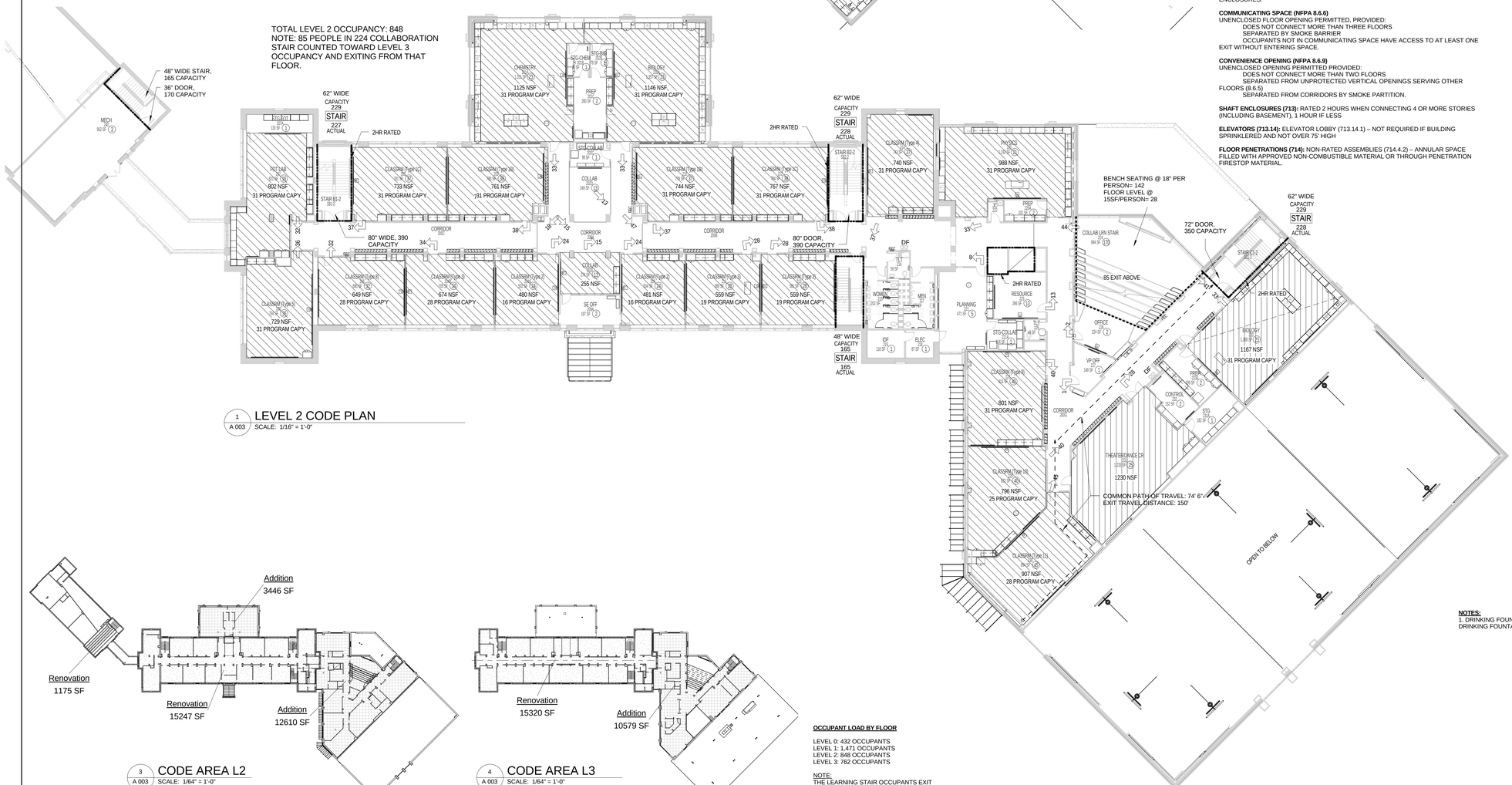


2 A 003 LEVEL 3 CODE PLAN
SCALE: 1/16" = 1'-0"



1 A 003 LEVEL 2 CODE PLAN
SCALE: 1/16" = 1'-0"

3 A 003 CODE AREA L2
SCALE: 1/64" = 1'-0"

4 A 003 CODE AREA L3
SCALE: 1/64" = 1'-0"

OCCUPANT LOAD BY FLOOR

LEVEL 0: 432 OCCUPANTS
LEVEL 1: 1,471 OCCUPANTS
LEVEL 2: 848 OCCUPANTS
LEVEL 3: 762 OCCUPANTS

NOTE:
THE LEARNING STAIR OCCUPANTS EXIT ON BOTH LEVEL 2 AND LEVEL 3.

CODE SUMMARY

APPLICABLE BUILDING, FIRE AND RELATED CODES
- MARYLAND BUILDING PERFORMANCE STANDARDS
- BUILDING, FIRE AND RELATED CODES OF BALTIMORE CITY 2013
- INTERNATIONAL BUILDING CODE (IBC 2012)
- INTERNATIONAL FIRE CODE 2012
- ICC ELECTRICAL CODE
- INTERNATIONAL MECHANICAL CODE
- INTERNATIONAL PLUMBING CODE
- MARYLAND ACCESSIBILITY CODE: COMAR 05.02.02
- INTERNATIONAL ENERGY CONSERVATION CODE 2012
- NFPA 101-2015 LIFE SAFETY CODE

USE & OCCUPANCY
IBC CHAPTER 3: E - EDUCATION (305)
NFPA 6.1.3 - EDUCATIONAL

RISK CATEGORY (IBC TABLE 1604.5): RISK CATEGORY III

TYPE OF CONSTRUCTION (IBC 602, T601): TYPE IIB, NON-COMBUSTIBLE, UNPROTECTED

GENERAL BUILDING HEIGHTS AND AREA (IBC CHAPTER 5)
EXISTING HEIGHT AND AREA
EXISTING BUILDING: 4 STORIES
TOTAL AREA: 119,610 SF EXISTING
TOTAL AREA TO BE RENOVATED: 77,168 SF
PROPOSED AREA

LEVEL	RENOVATION	ADDITION	TOTAL
0	18,488	5,990	24,478
1	22,312	29,214	51,526
2	15,924	16,056	31,980
3	15,320	12,592	27,912
TOTAL	72,044	63,852	135,896

ALLOWABLE HEIGHT AND AREA (IBC TABLE 503)
IIB, 2 STORIES, 55', 14,500 SF/FLOOR
NUMBER OF STORIES IS THE NUMBER ABOVE THE GRADE PLANE. THE BASEMENT (L0) IS NOT A STORY ABOVE THE GRADE PLANE (IBC CHAPTER 2) THUS DOES NOT COUNT AGAINST THE ALLOWABLE STORIES.
AREA MODIFICATIONS (IBC SECTION 506)
200% FOR SPRINKLERED BUILDING (506.3)
CALCULATED BY EQUATION 5-2 IN 506.2, ACCESSIBLE PERIMETER ABOVE 25% ACCESSIBLE
BUILDING FRONTAGE INCREASE (If) CALCULATION:
If= (F/P-0.25) W/30
F = 1690' (LESS THAN 60'), P = 1820', If = (1690/1820 - 0.25) 30/30 = 0.68
0.68 * 14500 = 9860
MODIFIED AREA ASSUMING FULLY SPRINKLERED WITH 92% ACCESSIBLE PERIMETER OF 30 FEET: IIB – 14,500 + 29,000 + 9,860 = 53,360 SF
MODIFIED HEIGHT ASSUMING FULLY SPRINKLERED: IIB – 3 STORIES, 75'

SEPARATION OF OCCUPANCIES EDUCATION FROM ASSEMBLY: NO SEPARATION REQUIREMENT WITH OR WITHOUT SPRINKLERS. (IBC T508.3.3)

FIRE RESISTANCE RATING IN HOURS (IBC T601, T602)

CONSTRUCTION TYPE	IIB
STRUCTURAL FRAME	0
BEARING WALLS (INTERIOR)	0
BEARING WALLS (EXTERIOR)	0
NONBEARING WALLS	0
FLOOR CONSTRUCTION	0
ROOF CONSTRUCTION	0

VERTICAL OPENINGS (712)
712.1.8 TWO STORY OPENING: PERMITTED IF IT:
·DOES NOT CONNECT MORE THAN TWO STORIES.
·DOES NOT CONTAIN A REQUIRED STAIRWAY.
·DOES NOT PENETRATE A HORIZONTAL ASSEMBLY SEPARATING FIRE AREA OR SMOKE COMPARTMENT.
·IS NOT CONCEALED WITHIN A WALL OR FLOOR/CEILING ASSEMBLY
·IS NOT OPEN TO A CORRIDOR IN I OR R OCCUPANCIES
·IS NOT OPEN TO A CORRIDOR ON A NON-SPRINKLERED FLOOR
·IS SEPARATED FROM FLOOR OPENINGS AND AIR TRANSFER OPENINGS SERVING OTHER FLOORS BY CONSTRUCTION CONFORMING TO REQUIRED SHAFT ENCLOSURES.

COMMUNICATING SPACE (NFPA 8.6.6)
UNENCLOSED FLOOR OPENING PERMITTED, PROVIDED:
DOES NOT CONNECT MORE THAN THREE FLOORS
SEPARATED BY SMOKE BARRIER
OCCUPANTS NOT IN COMMUNICATING SPACE HAVE ACCESS TO AT LEAST ONE EXIT WITHOUT ENTERING SPACE.

CONVENIENCE OPENING (NFPA 8.6.9)
UNENCLOSED OPENING PERMITTED PROVIDED:
DOES NOT CONNECT MORE THAN TWO FLOORS
SEPARATED FROM UNPROTECTED VERTICAL OPENINGS SERVING OTHER FLOORS (8.6.5)
SEPARATED FROM CORRIDORS BY SMOKE PARTITION.

SHAFT ENCLOSURES (713): RATED 2 HOURS WHEN CONNECTING 4 OR MORE STORIES (INCLUDING BASEMENT), 1 HOUR IF LESS

ELEVATORS (713.14): ELEVATOR LOBBY (713.14.1) – NOT REQUIRED IF BUILDING SPRINKLERED AND NOT OVER 75' HIGH

FLOOR PENETRATIONS (714): NON-RATED ASSEMBLIES (714.4.2) – ANNULAR SPACE FILLED WITH APPROVED NON-COMBUSTIBLE MATERIAL OR THROUGH PENETRATION FIRESTOP MATERIAL.

OPENING PROTECTION (T 716.5)
2 HOUR FIRE WALL – 1 ½ HOUR DOOR, 100 SQ. IN. GLAZING MAX.
2 HOUR EXIT ENCLOSURE – 1 ½ HOUR DOOR, 100 SQ. IN. GLAZING MAX.
1 HOUR EXIT ACCESS ENCLOSURE – 1 HOUR DOOR, 100 SQ. IN. GLAZING MAX.

FINISHES (T803.9)
EXIT STAIRS AND PASSAGEWAYS – B – FLAME SPREAD 26-75, SMOKE DEVELOPED 0-450
CORRIDORS AND EXIT ACCESS STAIRS AND RAMPS – C – FLAME SPREAD 76-200, SMOKE DEVELOPED 0-450
ROOMS AND ENCLOSED SPACES - C

MEANS OF EGRESS:
MEANS OF EGRESS THAT PROVIDE A CONTINUOUS AND UNOBSTRUCTED PATH OF VERTICAL AND HORIZONTAL EGRESS TRAVEL TO A PUBLIC WAY. TWO (2). IF THE OCCUPANT LOAD IS FROM 501 TO AND INCLUDING 1,000 THREE EXITS ARE REQUIRED. FOUR EXITS ARE REQUIRED WITH AN OCCUPANT LOAD ABOVE 1,000.
SIGNAGE INDICATING AN ACCESSIBLE ENTRANCE SHALL BE PROVIDED IN COMPLIANCE WITH IBC 1110.

OCCUPANT LOAD- (IBC T 1004.1.1 AND NFPA TABLE 7.3.1.2)

CLASSROOMS	20 NSF/PERSON
SHOPS AND OTHER VOCATIONAL AREAS	50 NSF/PERSON
BUSINESS AREAS:	100 GROSS
EXERCISE ROOMS:	50 GROSS WITH EQUIPMENT, 15 GROSS WITHOUT
GYMNASIUM (CONCENTRATED):	7 NSF/PERSON, (UNCONCENTRATED): 15 NSF/PERSON
CAFETERIA (UNCONCENTRATED TABLES AND CHAIRS):	15 NSF/PERSON
KITCHEN:	100 GROSS (NFPA)
LIBRARY:	READING ROOM 50 NET, STACKS 100 GROSS
STAGE:	15 NET
STORAGE AREAS, MECHANICAL ROOMS:	300 GROSS

EGRESS ELEMENT SIZING: STAIRS: 0.3 IN/PERSON MODIFIED: CAPACITY = 146.7 + (WN – 44) / 0.218 (NFPA 7.3.3.1)
OTHER ELEMENTS: 0.2 IN/PERSON (NFPA T7.3.3.1)

LEARNING STAIR SEATING: ROW SPACING (AISLE ACCESSWAY): 12" MINIMUM CLEAR PLUS 0.3" FOR EACH SEAT OVER 14 IN THE ROW (NFPA 12.2.5.5.5)
AISLE WIDTH: 36" FOR AISLES SERVING SEATING ON ONE SIDE ONLY

ACCESSIBLE MEANS OF EGRESS (MOE) (1007)
·TWO ACCESSIBLE MEANS OF EGRESS REQ'D WHEN MORE THAN ONE MOE REQ'D. (1007.1)
·INTERIOR EXIT ACCESS STAIRS MAY BE PART OF ACCESSIBLE MOE WITHOUT AREA OF REFUGE IN SPRINKLERED BLDGS. (1007.3)
·ELEVATOR MEETING SIGNALING AND EMERGENCY OPERATION REQUIREMENTS OF ASME A17.1 MAY BE PART OF ACCESSIBLE MOE, STANDBY POWER REQ'D.

EXIT SIGNS (1011.4): SIGN WITH RAISED CHARACTERS AND BRAILLE REQ'D ADJACENT TO DOOR TO EXIT STAIR AND EXIT DISCHARGE.

REMOTENESS OF EXITS: 1/3 THE DIAGONAL DIMENSION OF THE SPACE (NFPA 7.5.1.3.3) (IBC 1015.2.1 EXCEPTION 2)

COMMON PATH OF TRAVEL (1014.3)
·75 FEET WITH SPRINKLERS (IBC)
·100 FEET WITH SPRINKLERS (NFPA 14.2.5.3.1)

EXIT AND EXIT ACCESS DOORWAYS (1015)
·OCCUPANCY LOAD OVER 49 REQUIRES SECOND EXIT
·ROOMS OR SPACES LARGER THAN 1000 SF OR WITH OCCUPANCY > 50 REQUIRE TWO EXIT ACCESS DOORS (NFPA 14.2.5.4)
·BOILER ROOMS WITH EQUIPMENT OVER 400KBTU CAPACITY NEED 2 EXITS

EXIT ACCESS TRAVEL DISTANCE: MAX TRAVEL DISTANCE WITH SPRINKLER SYSTEM: 200 FEET (NFPA 14.2.6.3)

MINIMUM CORRIDOR WIDTH (1018.2)
·72 INCHES IF CAPACITY IS 100 OR MORE
·44 INCHES OTHERWISE – EXIT ACCESS CORRIDOR MINIMUM WIDTH 6 FEET (NFPA 14.2.3.2)

DEAD END CORRIDOR (IBC 1018.4) (NFPA 14.2.5.2): 50 FEET WITH SPRINKLER SYSTEM

FIRE RATED CONSTRUCTION (SPRINKLERED BUILDING):

CORRIDORS: 0 HRS., SMOKE BARRIER REQUIRED BY NFPA, (IBC T1018.1)
STAIRS (4 STORIES OR MORE): 2 HRS., (IBC 403.5.4, 1022.2)
STAIRS (LESS THAN 4 STORIES): 1 HR., (IBC 403.5.4, 1022.2)
SHAFTS (4 STORIES OR MORE): 2 HRS.
SHAFTS (LESS THAN 4 STORIES): 1 HR.
STORAGE ROOMS: 0 HRS., (NFPA 14.3.2.1 SPRINKLER EXCEPTION)
JANITOR CLOSETS: 0 HRS., (NFPA 14.3.2.1 SPRINKLER EXCEPTION)
**NOTE: FIRE AND SMOKE DAMPERS SHALL BE PROVIDED AT SHAFTS

SHAFT ENCLOSURES INCLUDING STAIR AND ELEVATOR (IBC 713): ENCLOSED AT THE BOTTOM W/ NOT LESS THAN SHAFT (713.11)

SUBDIVISION OF BUILDING SPACE (NFPA 14.3.7): SUBDIVIDE INTO COMPARTMENTS BY SMOKE PARTITIONS NOT REQUIRED IN A FULLY SPRINKLERED BUILDING.

PLUMBING FIXTURES
URINALS MAY BE SUBSTITUTED FOR 67% OF WATER CLOSETS IN MENS ROOMS. (IPC 419.2)
WC AND URINALS REQUIRED: MEN 30, WOMEN 32
WC AND URINALS PROVIDED: MEN 24, WOMEN 25, UNISEX 13
LAVATORIES REQUIRED: 57, PROVIDED: 57

ACCESSIBILITY ISSUES (COMAR 05.02.02): ADA 2010 BY REFERENCE

INTERNATIONAL ENERGY CODE: ZONE 4A

THERMAL ENVELOPE REQUIREMENTS

ROOF	R-25CI
WALLS ABOVE GRADE MASS	R9.5CI
METAL FRAMED	R-13 + R7.5CI
WALLS BELOW GRADE	R 7.5CI
SLAB ON GRADE FLOORS	R-10 FOR 24" BELOW

LIGHTING POWER DENSITY: 1.2 W/SF

NOTES:
1. DRINKING FOUNTAINS SHOWN AS DF. ALL DRINKING FOUNTAINS ARE ACCESSIBLE.

SMOKE BARRIER
1 HOUR RATED
2 HOUR RATED
NUMBER OF OCCUPANTS EXITING A SPACE
CAPACITY OF EXIT DOOR
NUMBER EXITING
CAPACITY OF EXIT STAIR
NUMBER EXITING
ROOM NUMBER — ROOM NAME
ROOM AREA — OCCUPANCY
RATED FLOOR/CEILING OR ROOF/CEILING ABOVE
NET ROOM AREA

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

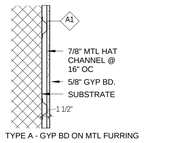
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME: CODE PLAN

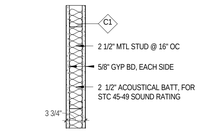
A 003

7/28/2016 4:01:20 PM



TYPE A - GYP BD ON MTL FURRING

A / A 004 PARTITION TYPE A1
SCALE: 1" = 1'-0"



TYPE C1 - NON-RATED GYP BD

C1 / A 004 PARTITION TYPE C1
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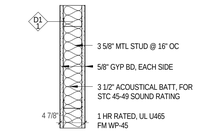
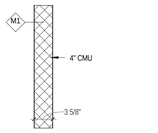


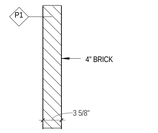
TYPE D1 - RATED GYP BD

D1 / A 004 PARTITION TYPE D1
SCALE: 1" = 1'-0"



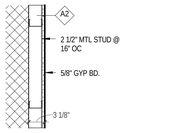
TYPE M1 - NON-RATED MASONRY

M1 / A 004 PARTITION TYPE M1
SCALE: 1" = 1'-0"



TYPE P1 - INTERIOR BRICK MASONRY

1 / A 004 PARTITION TYPE P1
SCALE: 1" = 1'-0"



TYPE A2 - SINGLE SIDED GYP BD

A2 / A 004 PARTITION TYPE A2
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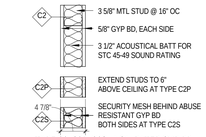
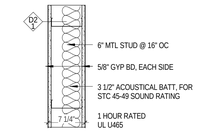


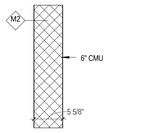
TYPE C2, C2P, C2S - NON-RATED GYP BD

C2 / A 004 PARTITION TYPE C2
SCALE: 1" = 1'-0"



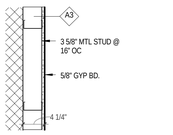
TYPE D2 - 1 HR RATED GYP BD

D2 / A 004 PARTITION TYPE D2
SCALE: 1" = 1'-0"



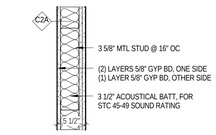
TYPE M2 - NON-RATED MASONRY

M2 / A 004 PARTITION TYPE M2
SCALE: 1" = 1'-0"



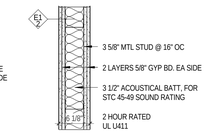
TYPE A3 - SINGLE SIDED GYP BD

A3 / A 004 PARTITION TYPE A3
SCALE: 1" = 1'-0"



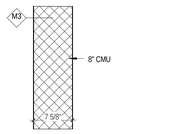
TYPE C2A - SOUND RATED GYP BD

C2A / A 004 PARTITION TYPE C2A
SCALE: 1" = 1'-0"



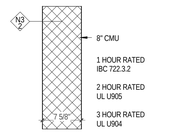
TYPE E1 - 2 HR RATED GYP BD

E1 / A 004 PARTITION TYPE E1
SCALE: 1" = 1'-0"



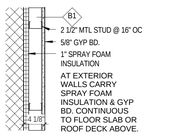
TYPE M3 - NON-RATED MASONRY

M3 / A 004 PARTITION TYPE M3
SCALE: 1" = 1'-0"



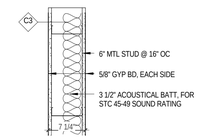
TYPE N3 - RATED MASONRY

N3 / A 004 PARTITION TYPE N3
SCALE: 1" = 1'-0"



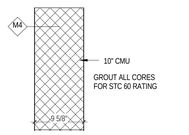
TYPE B1 - SINGLE SIDED GYP BD

B1 / A 004 PARTITION TYPE B1
SCALE: 1" = 1'-0"



TYPE C3 - NON-RATED GYP BD

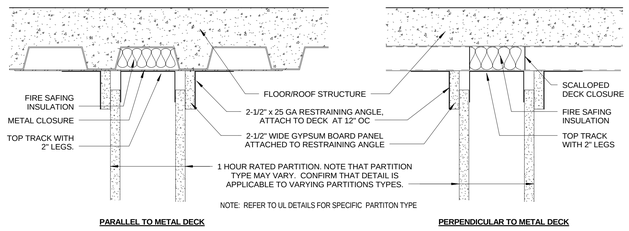
C3 / A 004 PARTITION TYPE C3
SCALE: 1" = 1'-0"



TYPE M4 - NON-RATED MASONRY

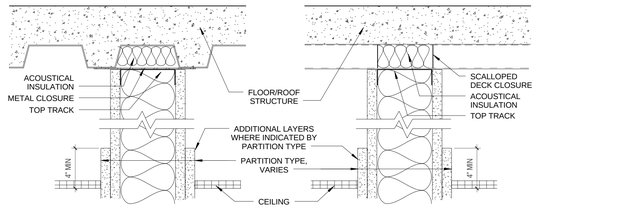
M4 / A 004 PARTITION TYPE M4
SCALE: 1" = 1'-0"

2 / A 004 PARTITION LEGEND
SCALE: 1" = 1'-0"



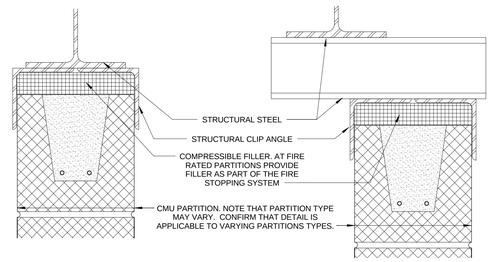
PARALLEL TO METAL DECK PERPENDICULAR TO METAL DECK

22 / A 004 TYP HEAD AT RATED PARTITION
SCALE: 3" = 1'-0"



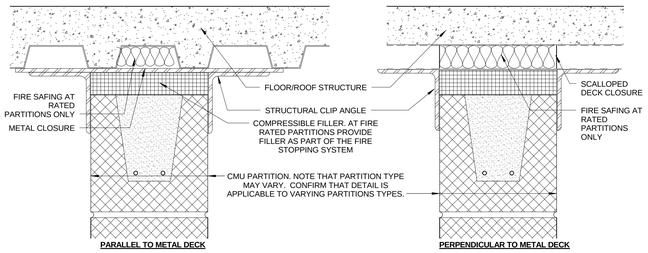
PARALLEL TO METAL DECK PERPENDICULAR TO METAL DECK

23 / A 004 TYP HEAD AT NON-RATED ACOUSTICAL PARTITION
SCALE: 3" = 1'-0"



CENTERED ON BEAM OFF CENTER FROM BEAM

25 / A 004 TYP CMU PARTITION HEAD AT BEAM
SCALE: 3" = 1'-0"



PARALLEL TO METAL DECK PERPENDICULAR TO METAL DECK

24 / A 004 TYP HEAD AT CMU PARTITION
SCALE: 3" = 1'-0"

GENERAL NOTES FOR ALL PARTITION TYPES

1. 1 ALL PARTITIONS ARE CONTINUOUS TO FLOOR SLAB OR ROOF DECK ABOVE, EXCEPT WHERE NOTED OTHERWISE.
2. ALL PARTITIONS ARE CONTINUOUS ABOVE DOORS, FRAMES, CASED OPENINGS, BORROWED LIGHTS, HOLLOW METAL FRAMES, CURTAINWALL AND ALUMINUM WINDOWS.
3. ALL PARTITIONS ARE CONTINUOUS BELOW PARTIAL HEIGHT SIDELIGHTS, COUNTER DOORS, HOLLOW METAL WINDOWS AND BORROWED LIGHTS.

GENERAL NOTES FOR METAL STUD PARTITIONS

A. METAL STUD FRAMING
UNLESS NOTED OTHERWISE ON A SPECIFIC DETAIL ALL METAL STUD FRAMING SHALL BE AS FOLLOWS:
1. EXCEPT FOR "ATTACHED PARTITIONS" ALL STUDS SHALL BE FULL HEIGHT FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF ABOVE. STUDS SHALL BE CUT SHORT AT HEAD TRACK TO ALLLOW FOR DIFFERENTIAL LIVE LOAD DEFLECTION AS REQUIRED BELOW.
2. ALL STUDS SHALL BE AT 16" ON CENTER MAXIMUM UNLESS NOTED OTHERWISE.
3. PROVIDE FULL HEIGHT DOUBLE STUDS AT ALL JAMB CONDITIONS AT DOOR AND BORROWED LIGHT OPENINGS.
4. AT ATTACHED PARTITIONS STUDS SHALL EXTEND FROM FLOOR TO FOUR INCHES ABOVE FINISHED CEILING OR IF THERE IS NO CEILING TO STRUCTURAL DECK ABOVE.

B. LIVE LOAD DEFLECTION
PROVIDE MIMIMUM 20 GAUGE RUNNER TRACKS WITH VERTICAL LEGS OF SUFFICIENT HEIGHT TO ACCOMMODATE DIFFERENTIAL LIVE LOAD DEFLECTION BETWEEN FLOORS.
1. PARTITIONS WITHIN 15 FEET OF A COLUMN LINE: ALLOW FOR ½" LIVE LOAD DEFLECTION
2. PARTITIONS MORE THAN 15 FEET BUT LESS THAN 30 FEET FROM A COLUMN LINE: ALLOW FOR 1" LIVE LOAD DELFECTION.
3. PARTITIONS MORE THAN 30 FEET FROM A COLUMN LINE: ALLOW FOR 1-1/2" LIVE LOAD DEFLECTION.

C. WALLBOARD
UNLESS NOTED OTHERWISE BELOW OR ON THE DRAWINGS ALL GYPSUM WALL BOARD SHALL BE AS FOLLOWS:

THICKNESS: 5/8" UNLESS NOTED OTHERWISE

HEIGHT (UNLESS NOTED OTHERWISE):
1. FIRE RESISTIVE RATED AND SMOKE RATED PARTITIONS: FULL HEIGHT FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE.
2. 1 ACOUSTICAL PARTITIONS: FULL HEIGHT FROM FLOOR TO UNDERSIDE OF FLOOR OF ROOF DECK ABOVE UNLESS NOTED OTHERWISE.

D. FIRE RESISTIVE RATED PARTITIONS
1. SEE ARCHITECTURAL FLOOR PLANS FOR DEFINITION OF SCOPE OF FIRE RESISTIVE PARTITIONS. WHERE A TESTING AGENCY NUMBER IS INDICATED ON THE PARTITION TYPE DETAIL, THE PARTITION SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE TESTED ASSEMBLY DESIGN.
2. OVERSIZE CUT-OUTS FOR ELECTRICAL DEVICE BOXES WILL NOT BE PERMITTED.

PROVIDE FIRESTOPPING IN ACCORDANCE WITH THE SPECIFICATION AND AS FOLLOWS:
1. AT ALL THROUGH WALL PENETRATIONS
2. AT TOP OF PARTITIONS TO FILL THE VOIDS AT DECK INTERFACE. SEE DETAILS PROVIDED.
3. AT ALL OTHER LOCATION NECESSARY TO MAINTAIN THE FIRE RESISTIVE INTEGRITY OF THE ASSEMBLY.

E. ACOUSTICAL PERFORMANCE PARTITIONS:
SEE ARCHITECTURAL FLOOR PLANS FOR DEFINITION OF SCOPE OF ACOUSTICAL PERFORMANCE PARTITIONS. ALL ACOUSTIAL PERFORMANCE PARTITIONS SHALL PROVIDE THE STC RATINGS INDICATED AND SHALL CONFORM TO THE FOLLOWING:
1. JOINTS IN WALL BOARD SHALL BE TAPED AND SPACKLED EVEN IN CONCEALED LOCATIONS SUCH AS ABOVE SUSPENDED CEILINGS.
2. ELECTRICAL DEVICE BOXES FACING OPPOSITE SIDES OF THE PARTITION SHALL NOT BE LOCATED BACK TO BACK OR WITHIN THE SAME STUD CAVITY.
3. ACOUSTICAL SEALS SHALL BE PROVIDED AT ALL THROUGH WALL PENETRATIONS, CONTINUOUSLY BEWEEN CONCRETE FLOORS AND METAL TRACK RUNNERS, AND CONTINUOUSLY AT TOP TRACKS IN ACCORDANCE WITH THE DETAILS PROVIDED.
4. 1 ACOUSTICAL INSULATION SHALL BE PROVIDED BETWEEN STUDS FOR FULL DEPTH AND HEIGHT OF PARTITION UNLESS NOTED OTHERWISE, AND AT THE TOP OT THE PARTITION TO FILL THE VOIDS AT METAL DECK INTERFACE. IF PARTITION IS ALSO A FIRE RESISTIVE RATED PARTITION FOLLOW INSTRUCTIONS ABOVE.

F. TYPICAL PARTITION DETAILS DO NOT INDICATE EVERY COMBINATION OF MATERIALS REQUIRED. SEE FLOOR PLAN INDICATIONS FOR PARTITION TYPES REQUIRED.

G. PROVIDE WALL BOARD AT INTERIOR FACE OF ALL EXTERIOR WALL FRAMING EXPOSED TO VIEW OR WHERE REQUIRED FOR ACOUSTICAL OR FIRE REISISTIVE REQUIREMENTS.

GENERAL NOTES FOR MASONRY PARTITIONS

A. FIRE RESISTIVE RATED PARTITIONS:
1. WHERE FIRE RESISTIVE RATED PARTITIONS ARE INDICATED ON THE ARCHITECTURAL FLOOR PLANS PROVIDE MASONRY UNITS THAT ARE CERTIFIED TO MEET UL OR OTHER TESTING AGENCY REQUIREMENTS FOR RATED CONSTRUCTION INDICATED.
2. PROVIDE FIRE STOPPING AT ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS
3. PROVIDE FIRE STOPPPING AT TOP OF PARTITION/UNDERSIDE OF FLOOR OR ROOF INTERFACE CONDITION IN LIEU OF COMPRESSIBLE FILLER IN ACCORDANCE WITH DETAILS PROVIDED. FIRE STOPPING SHALL ACCOMMODATE LIVE LOAD DEFLECTION OF DECK ABOVE AND BELOW AS DESCRIBED BELOW.

B. LIVE LOAD DEFLECTION:
1. PARTITIONS WITHIN 15 FEET OF A COLUMN LINE ALLOW FOR ½" LIVE LOAD DEFLECTION.
2. PARTITIONS MORE THAN 15 FEET BUT LESS THAN 30 FEET FROM A COLUMN LINE ALLOW FOR 1" LIVE LOAD DELFECTION.
3. PARTITIONS MORE THAN 30 FEET FROM A COLUMN LINE ALLOW FOR 1-1/2" LIVE LOAD DEFLECTION.

C. OUTSIDE CORNER CONDITIONS:
PROVIDE RADIUSED CORNER UNITS AT ALL OUTSIDE CORNER CONDITIONS EXCEPT WHERE INDICATED OR SCHEDULED TO RECEIVE CERAMIC TILE. RADIUS SHALL BE ONE INCH (1").

D. JOINT TREATMENT:
ALL JOINTS SHALL BE TOOLED TO A SLIGHT CONCAVITY EXCEPT WHERE A FINISH MATERIAL IS TO BE APPLIED OVER THE MASONRY UNITS, IN FOOD PREPARATION AREAS, OR WHERE OTHERWISE NOTED.

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LICENSE NO.: 9002
EXPIRATION DATE: 6/30/017

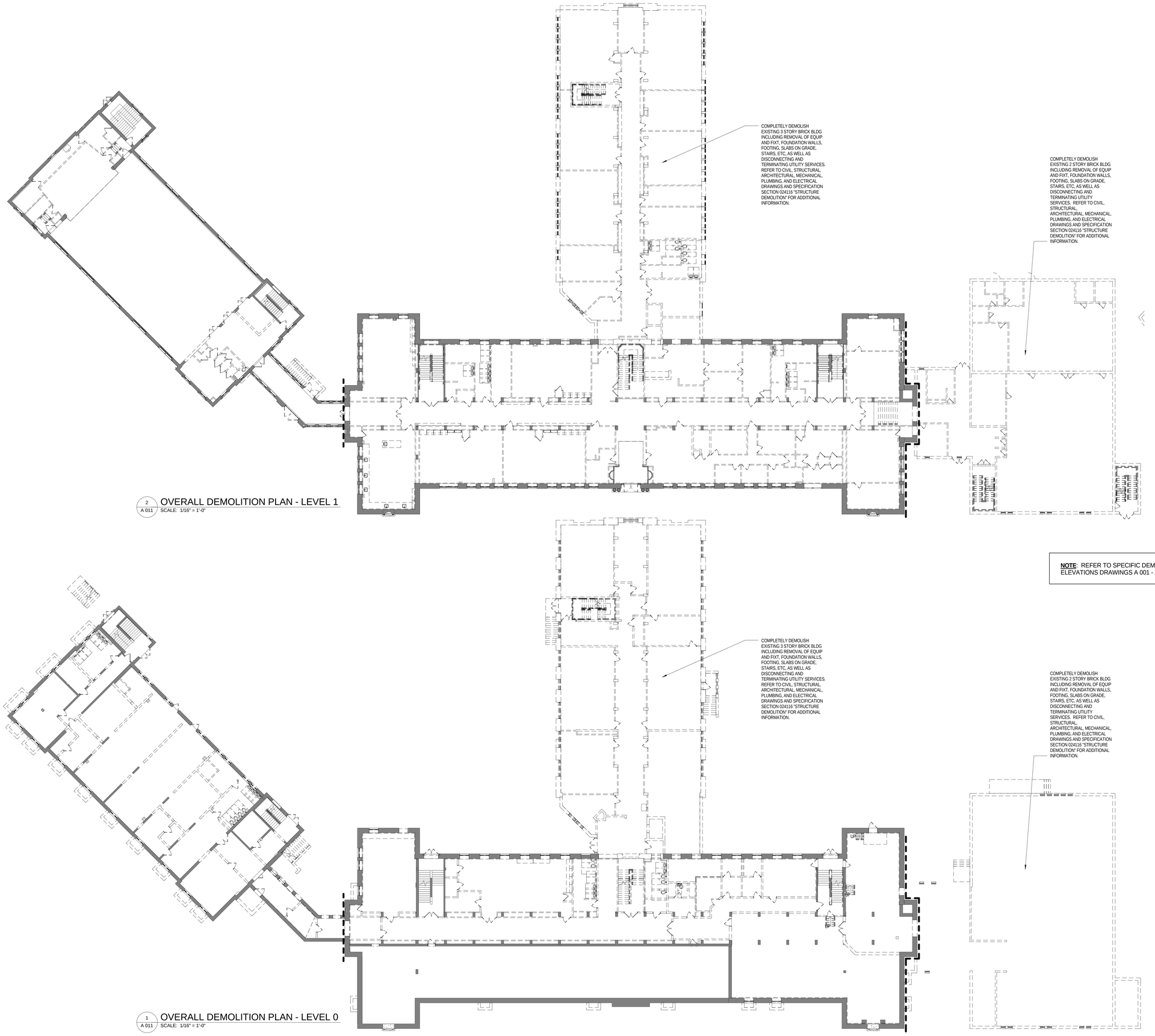
No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
PARTITION TYPES

A 004

7/28/2016 4:01:33 PM



2 A 011 OVERALL DEMOLITION PLAN - LEVEL 1
SCALE: 1/16" = 1'-0"

1 A 011 OVERALL DEMOLITION PLAN - LEVEL 0
SCALE: 1/16" = 1'-0"

NOTE: REFER TO SPECIFIC DEMO PLANS AND ELEVATIONS DRAWINGS A 001 - A 033

JRS ARCHITECTS

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LANDSCAPE ARCHITECT
MAHAN RYKIEL ASSOCIATES
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CIVIL ENGINEER
STV, INC.
7125 AMBASSADOR RD, SUITE 200
BALTIMORE, MD 21244

STRUCTURAL ENGINEER
ALBRECHT ENGINEERING
3500 BOSTON ST, SUITE 329
BALTIMORE, MD 21224

MEP ENGINEER
BRUNJAC ENGINEERING
1800 N. CHARLES ST, SUITE 310
BALTIMORE, MD 21201

FOOD SERVICE
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GAITHERSBURG, MD 20879

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EDUCATIONAL SYSTEMS PLANNING
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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

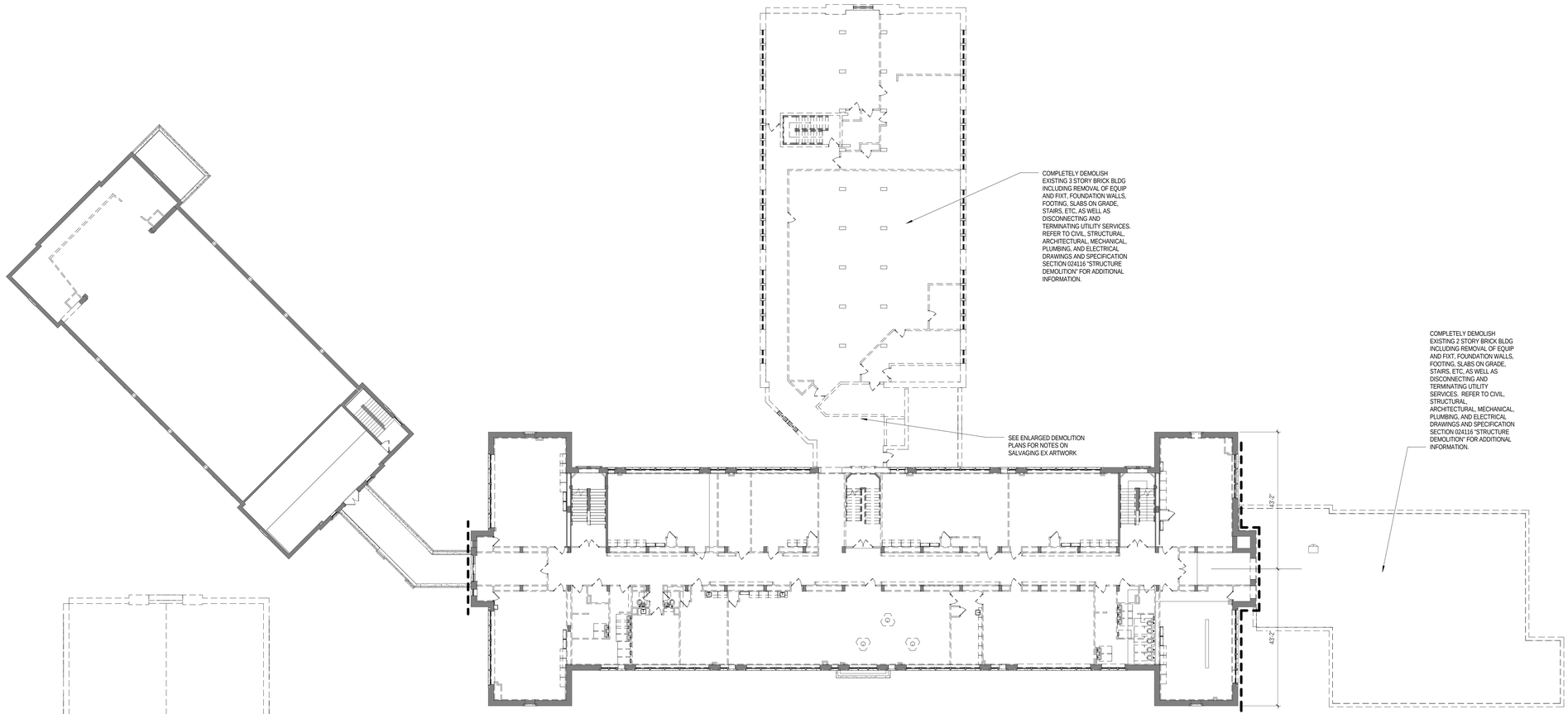
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/16" = 1'-0"

DRAWING NAME
OVERALL DEMO PLANS - LEVELS 0 & 1

A 011

7/28/2016 4:01:51 PM



1 A 013 OVERALL DEMOLITION PLAN - LEVEL 2
SCALE: 1/16" = 1'-0"

2 A 013 OVERALL DEMOLITION PLAN - LEVEL 3
SCALE: 1/16" = 1'-0"

NOTE: REFER TO SPECIFIC DEMO PLANS AND ELEVATIONS DRAWINGS A 001 - A 033

0' 4' 8' 16' 32'

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LICENSE NO.: 8002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

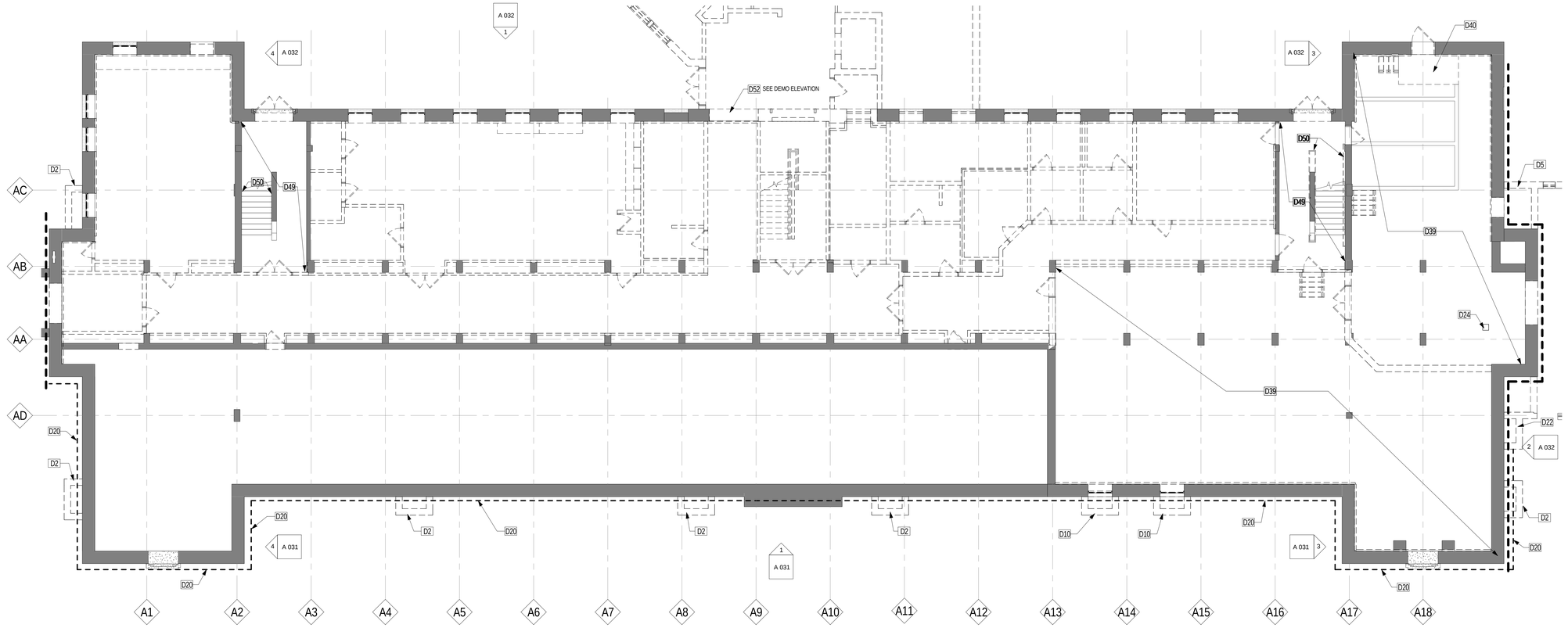
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/16" = 1'-0"

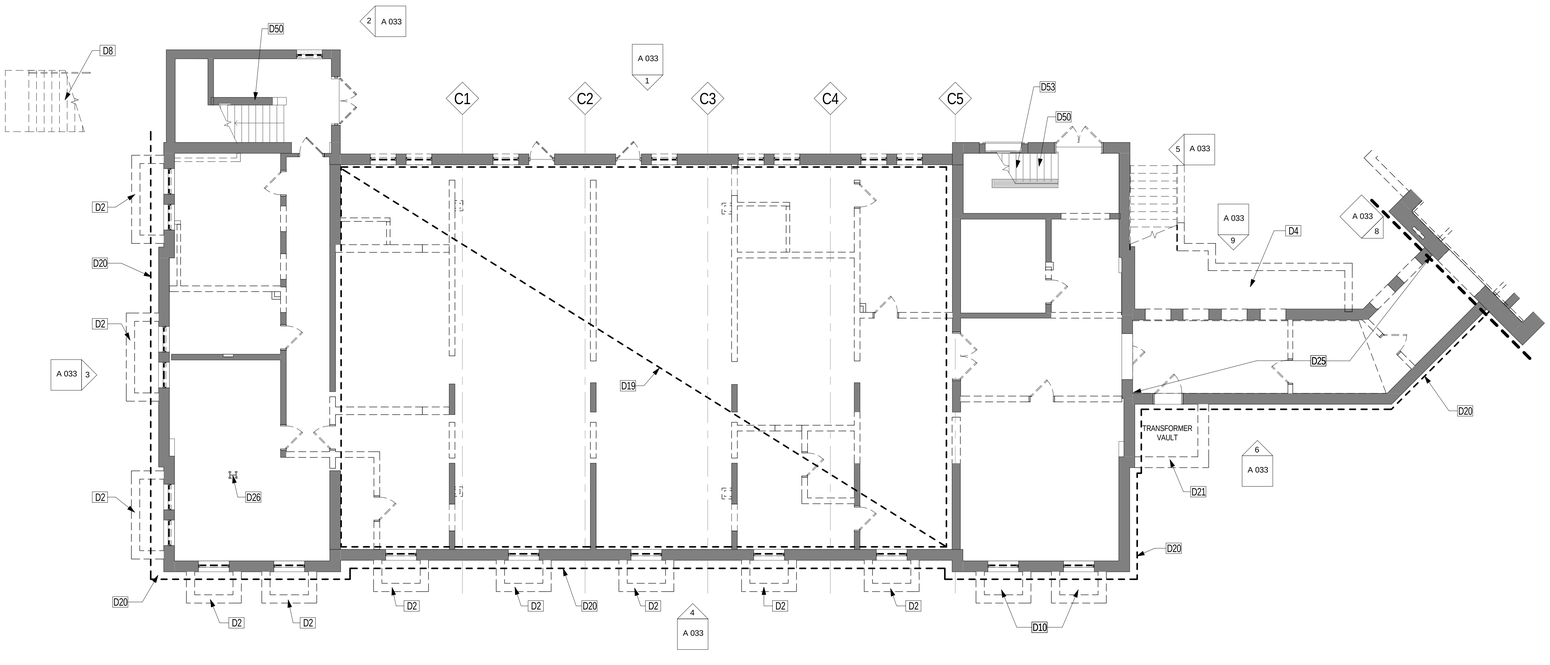
DRAWING NAME
OVERALL DEMO PLANS - LEVELS 2 & 3

A 013

7/28/2016 4:02:04 PM



1 / A 021 L0B Demo
SCALE: 1/8" = 1'-0"



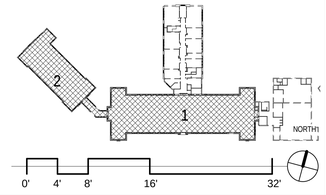
2 / A 021 L0A Demo
SCALE: 1/8" = 1'-0"

GENERAL DEMO PLAN NOTES

A. TYPICAL – Remove suspended acoustical tile and drywall ceilings, grid, hangers, and miscellaneous support in all spaces.
B. TYPICAL – Remove plaster ceilings and all support, hangers, furring, etc. in all spaces. Note that most spaces have original plaster ceilings in place above existing acoustical ceilings. Field verify.
C. TYPICAL – Generally remove the existing finish floor system as follows. Contractor to field verify existing conditions. Note: Original sand bed terrazzo is installed on approximately 3-1/2" depressed structural slab. Bldg A, L0; & Bldg B, L0: remove terrazzo and bed and applied VCT, ceramic tile, or carpet from structural slab. Bldg A, L1: existing wood floor is to remain in the main gymnasium area as indicated. Remove wood floor, terrazzo and bed, and applied finishes from structural slab east of the gym floor and in the Bldg-A to Bldg-B connector. Bldg B, L1, L2, & L3: remove all applied finishes, terrazzo, and bed (except in stairs B1 and B2) and built-up classroom wood floors down to structural slab. Wood floors normally include an accumulation of sleepers, wood floor, plywood, floor tile, light weight concrete, and vct (all over a 3-1/2"± structural slab depression). Refer to new work floor plans A 113 through A 119, General Plan Note #7.
D. TYPICAL – At exterior walls to remain, remove any loose ceramic tile and/or structural glazed facing tile from existing plastered masonry. After removal and at wall surface without tile, remove flaking paint and loose, deteriorated plaster. Leave wall surface free of loose material and dust and dirt and prepared to receive sprayed on insulation.
E. TYPICAL – At exterior walls to remain, remove rigid insulation, furring, and drywall. After furred insulation/drywall removal and at unfurred wall surfaces, remove flaking paint and loose, deteriorated plaster. Leave wall surface free of loose material and dust ready to receive sprayed on insulation.
F. TYPICAL – At interior walls to remain, remove existing ceramic tile from existing plastered masonry where required. After tile removal and at wall surfaces without tile, remove flaking paint and loose, deteriorated plaster. Leave wall surface free of loose material and dust ready to receive sprayed on insulation.

Keynote Legend

Mark	Keynote Text
D2	At existing light wells to be removed, demolish and remove existing masonry and concrete construction beyond face of building. Apply waterproofing below grade as shown on detail 5/A 401 and backfill per spec.
D4	Carefully remove slope protection, concrete stair, support walls, footings, fill, and one light well to expose existing face brick of original building as indicated. Hand excavate as required to prevent damage to brick.
D5	Carefully remove elevator shaft, doors, frame, rails, car, etc. back to original building exterior wall.
D8	Carefully remove existing exterior stair construction including concrete, masonry, foundations, and fill material.
D10	At existing light wells to be reconstructed, demolish and remove existing masonry and concrete construction. Remove existing window or louver and prepare rough opening for installation of new windows or doors. Refer to detail 4/A 401 for new work.
D19	Remove existing slab-on-grade in areas indicated. Prepare and pour new slab to finish flush with all existing slabs-on-grade around the perimeter of the new slab.
D20	Excavate around perimeter of building as indicated from finish grade to the bottom of exterior wall footing. Prepare wall to receive membrane waterproofing per detail 5/A 401.
D21	Remove existing transformer vault walls, floor slab, roof slab, door, etc. Repair voids in wall to remain and prepare for below grade waterproofing per detail 5/A 401.
D22	Demolish and remove existing masonry and concrete construction beyond face of building. Remove existing window, louver, or door and infill with salvaged face brick per detail 10/A 203. At exposed face brick that was previously below grade refer to Historic Masonry Cleaning, Repair, and Repointing specifications.
D24	Demolish existing column and stair landing and stair run above. Patch L0 floor slab on grade as required.
D25	Demolish L0 slab-on-grade in connector between Building A and Building B.
D26	Demolish existing column, miscellaneous structural steel, and supported slab above. Patch L0 floor slab on grade as required. Coordinate with Structural Drawings.
D39	Remove all hangers, brackets, miscellaneous support, etc., and all loose and flaking paint from exposed structural deck above, columns, and walls to remain.
D40	Remove existing steel stair and platform.
D49	Carefully remove existing textured wall covering material from all surfaces of wall and stair construction to remain. Prep as required for new plaster finish application.
D50	Remove existing handrails only from walls and center guard rail construction. Fill holes and prepare for new finishes.
D52	Remove masonry wall on Bldg B as shown, coordinate extent of demolition with architectural and structural drawings. Existing concrete lintels within removed masonry wall are to remain except for lintels over infilled windows in the Bldg B stairway noted for demolition, see structural.
D53	Remove existing aluminum and grit stair nosings and fritz tile treads. Flash patch and prepare for new applied treads.



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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

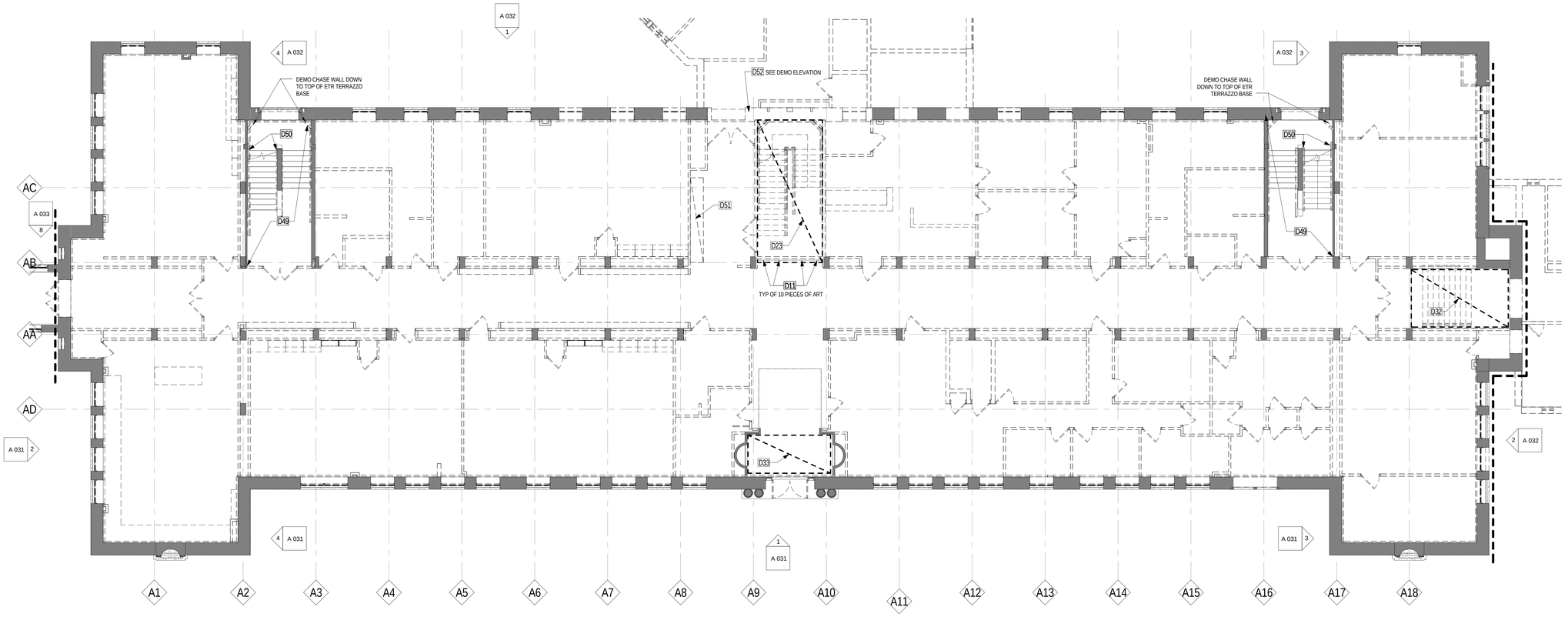
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

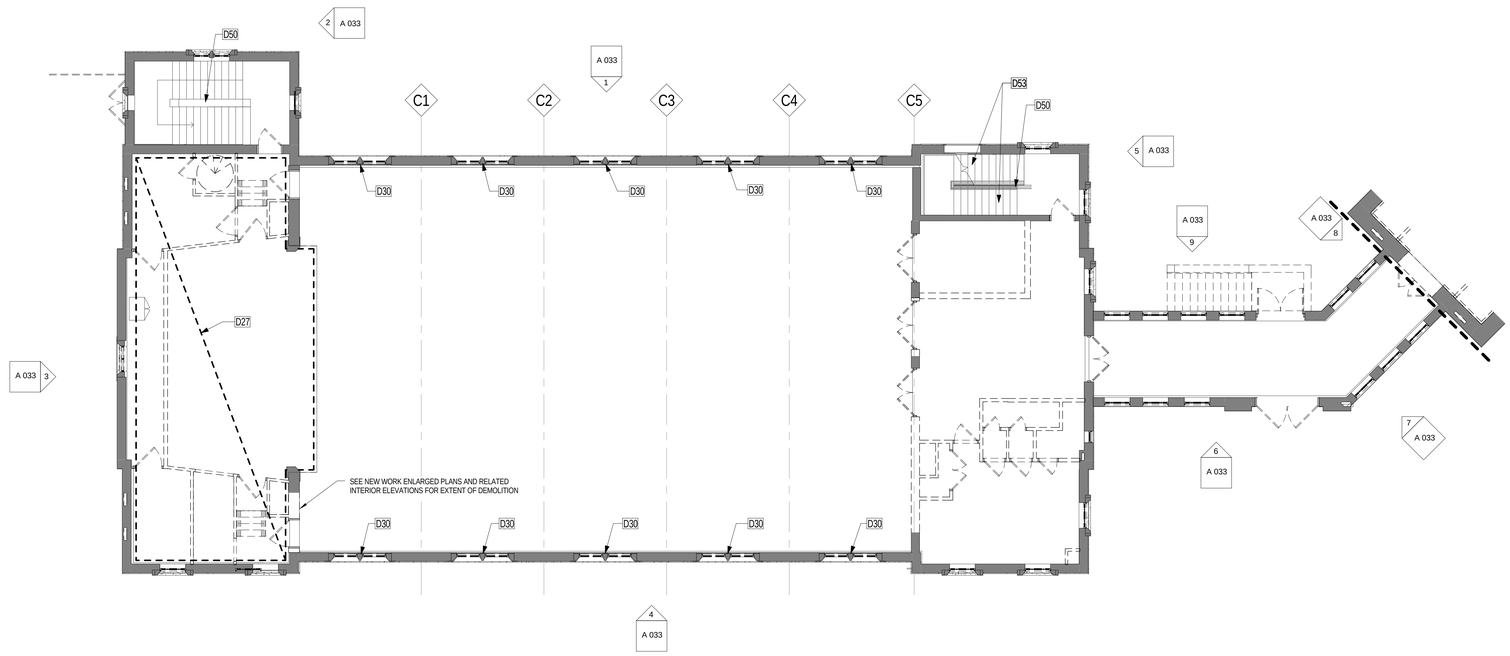
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
DEMO PLANS - L0

A 021

7/28/2016 4:02:32 PM



1 / A 022 L1B Demo
SCALE: 1/8" = 1'-0"



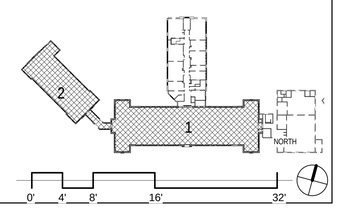
2 / A 022 L1A Demo
SCALE: 1/8" = 1'-0"

GENERAL DEMO PLAN NOTES

A. TYPICAL – Remove suspended acoustical tile and drywall ceilings, grid, hangers, and miscellaneous support in all spaces.
B. TYPICAL – Remove plaster ceilings and all support, hangers, furring, etc. in all spaces. Note that most spaces have original plaster ceilings in place above existing acoustical ceilings. Field verify.
C. TYPICAL – Generally remove the existing finish floor system as follows. Contractor to field verify existing conditions. Note: Original sand bed terrazzo is installed on approximately 3-1/2" depressed structural slab. Bldg A, L0; & Bldg B, L0: remove terrazzo and bed and applied VCT, ceramic tile, or carpet from structural slab. Bldg A, L1: existing wood floor is to remain in the main gymnasium area as indicated. Remove wood floor, terrazzo and bed, and applied finishes from structural slab east of the gym floor and in the Bldg-A to Bldg-B connector. Bldg B, L1, L2, & L3: remove all applied finishes, terrazzo, and bed (except in stairs B1 and B2) and built-up classroom wood floors down to structural slab. Wood floors normally include an accumulation of sleepers, wood floor, plywood, floor tile, light weight concrete, and vct (all over a 3-1/2"± structural slab depression). Refer to new work floor plans A 113 through A 119, General Plan Note #7.
D. TYPICAL – At exterior walls to remain, remove any loose ceramic tile and/or structural glazed facing tile from existing plastered masonry. After removal and at wall surface without tile, remove flaking paint and loose, deteriorated plaster. Leave wall surface free of loose material and dust and dirt and prepared to receive sprayed on insulation.
E. TYPICAL – At exterior walls to remain, remove rigid insulation, furring, and drywall. After furred insulation/drywall removal and at unfurred wall surfaces, remove flaking paint and loose, deteriorated plaster. Leave wall surface free of loose material and dust ready to receive sprayed on insulation.
F. TYPICAL – At interior walls to remain, remove existing ceramic tile from existing plastered masonry where required. After tile removal and at wall surfaces without tile, remove flaking paint and loose, deteriorated plaster. Leave wall surface free of loose material and dust ready to receive sprayed on insulation.

Keynote Legend

Mark	Keynote Text
D11	Existing, wall hung artwork to be removed and stored by a qualified artwork handler. See new work drawings for reinstallation locations and notes.
D23	Remove existing concrete stair construction including structural support. Patch floor slab as required.
D27	Demolish existing stage, steps, walls, hangers, miscellaneous support, etc. and structural slab in this area. See Bldg A - L1 Enlarged Plans, Elevations, and Details for specific directions regarding proscenium wall demolition and patching. Coordinate with Structural Drawings. Note: Salvage existing spiral stair between L1 and balcony. Carefully dismantle and turn over to owner.
D30	At existing recessed cabinet unit heaters, remove and dispose of cabinet unit heaters and piping.
D32	Remove existing landing slab and stair run per details on architectural and structural drawings. After openings in exterior wall as detailed.
D33	Carefully remove exterior doors and frame and miscellaneous clips, conduit, etc. Maintain and restore existing finishes at walls in this space. Remove existing finish floor system. Remove plaster ceilings and all support, hangers, furring, etc., maintain and restore existing plaster cornices in this area.
D49	Carefully remove existing textured wall covering material from all surfaces of wall and stair construction to remain. Prep as required for new plaster finish application.
D50	Remove existing handrails only from walls and center guard rail construction. Fill holes and prepare for new finishes.
D51	Carefully remove all commemorative plaques and artwork in area indicated and turn over to owner.
D52	Remove masonry wall on Bldg B as shown, coordinate extent of demolition with architectural and structural drawings. Existing concrete lintels within removed masonry wall are to remain except for lintels over infilled windows in the Bldg B stairway noted for demolition, see structural.
D53	Remove existing aluminum and grit stair nosings and fritz tile treads. Flash patch and prepare for new applied treads.



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LICENSE NO.: 8602
EXPIRATION DATE: 6/30/2017

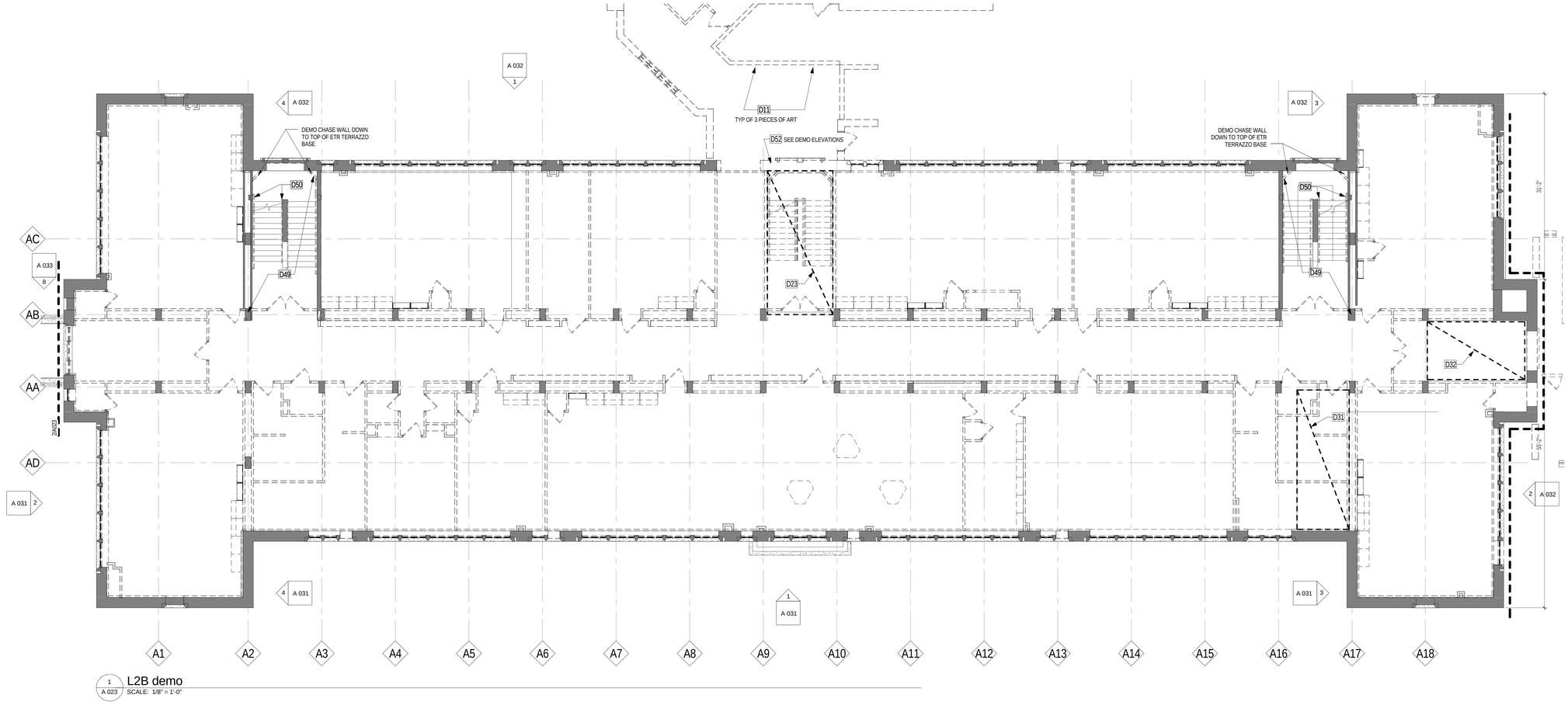
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

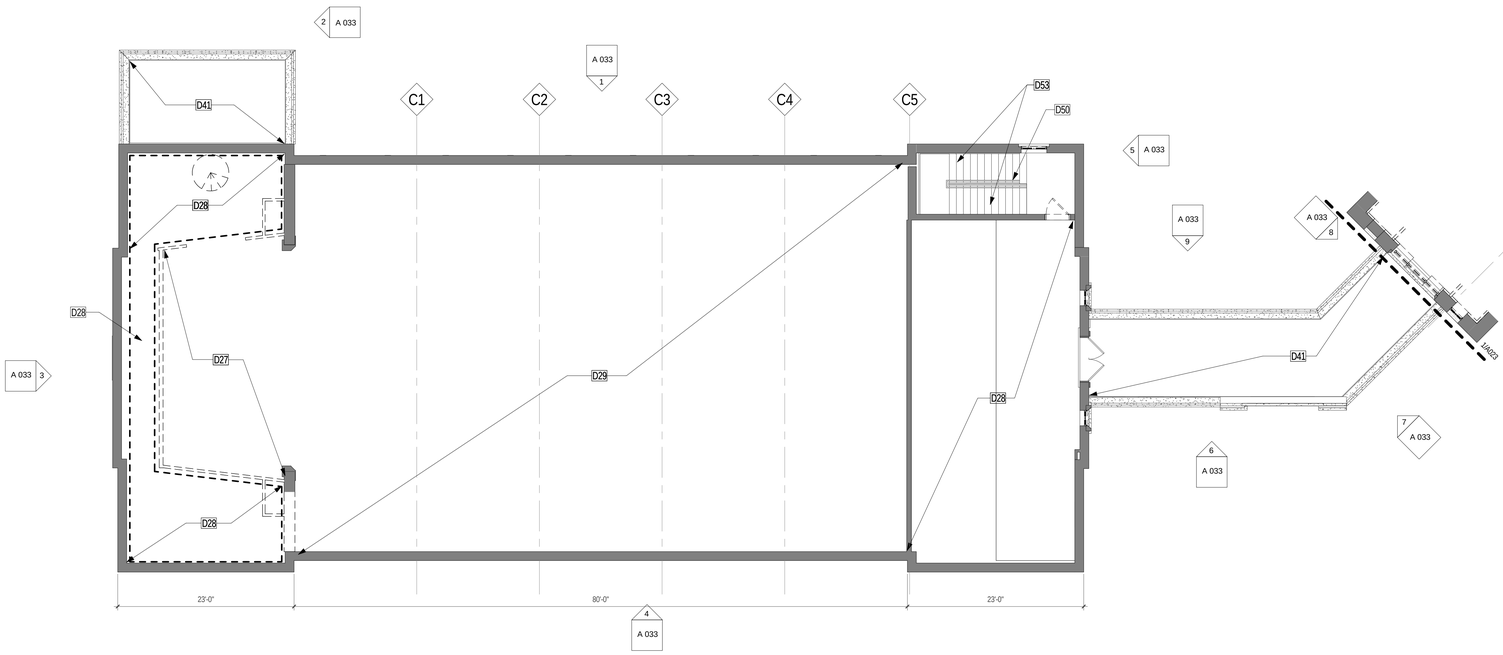
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
DEMO PLANS - L1

A 022

7/28/2016 4:03:21 PM



1 A 023 L2B demo
SCALE: 1/8" = 1'-0"



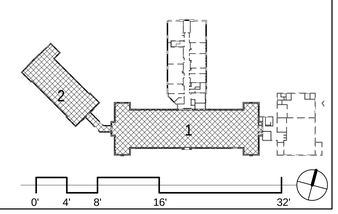
2 A 023 L2A demo
SCALE: 1/8" = 1'-0"

GENERAL DEMO PLAN NOTES

A. TYPICAL -- Remove suspended acoustical tile and drywall ceilings, grid, hangers, and miscellaneous support in all spaces.
B. TYPICAL -- Remove plaster ceilings and all support, hangers, furring, etc. in all spaces. Note that most spaces have original plaster ceilings in place above existing acoustical ceilings. Field verify.
C. TYPICAL -- Generally remove the existing finish floor system as follows. Contractor to field verify existing conditions. Note: Original sand bed terrazzo is installed on approximately 3-1/2" depressed structural slab. Bldg A: L0 & Bldg B: L0: remove terrazzo and bed and applied VCT, ceramic tile, or carpet from structural slab. Bldg A: L1: existing wood floor is to remain in the main gymnasium area as indicated. Remove wood floor, terrazzo and bed, and applied finishes from structural slab east of the gym floor and in the Bldg-A to Bldg-B connector. Bldg B: L1, L2, & L3: remove all applied finishes, terrazzo, and bed (except in stairs B1 and B2) and built-up classroom wood floors down to structural slab. Wood floors normally include an accumulation of sleepers, wood floor, plywood, floor tile, light weight concrete, and vct (all over a 3-1/2"+ structural slab depression). Refer to new work floor plans A 113 through A 119, General Plan Note #7.
D. TYPICAL -- At exterior walls to remain, remove any loose ceramic tile and/or structural glazed facing tile from existing plastered masonry. After removal and at wall surface without tile, remove flaking paint and loose, deteriorated plaster. Leave wall surface free of loose material and dust and dirt and prepared to receive sprayed on insulation.
E. TYPICAL -- At exterior walls to remain, remove rigid insulation, furring, and drywall. After furred insulation/drywall removal and at unfurred wall surfaces, remove flaking paint and loose, deteriorated plaster. Leave wall surface free of loose material and dust ready to receive sprayed on insulation.
F. TYPICAL -- At interior walls to remain, remove existing ceramic tile from existing plastered masonry where required. After tile removal and at wall surfaces without tile, remove flaking paint and loose, deteriorated plaster. Leave wall surface free of loose material and dust ready to receive sprayed on insulation.

Keynote Legend

Mark	Keynote Text
D11	Existing, wall hung artwork to be removed and stored by a qualified artwork handler. See new work drawings for reinstallation locations and notes.
D23	Remove existing concrete stair construction including structural support. Patch floor slab as required.
D27	Demolish existing stage, steps, walls, hangers, miscellaneous support, etc. and structural slab in this area. See Bldg A - L1 Enlarged Plans, Elevations, and Details for specific directions regarding proscenium wall demolition and patching. Coordinate with Structural Drawings. Note: Salvage existing spiral stair between L1 and balcony. Carefully dismantle and turn over to owner.
D28	Existing balcony L2 slab to remain. Patch walls to remain to match adjacent.
D29	Remove existing wall mounted and roof truss mounted gymnasium equipment including accessories, mounts, through-wall anchors, and all auxiliary framing. Patch and paint as required.
D31	Provide opening in existing supported slab per details on architectural and structural drawings.
D32	Remove existing landing slab and stair run per details on architectural and structural drawings. Alter openings in exterior wall as detailed.
D41	Carefully remove existing built-up roofing, flashing system, insulation, and all previous roofing layers, etc. to concrete deck below.
D49	Carefully remove existing textured wall covering material from all surfaces of wall and stair construction to remain. Prep as required for new plaster finish application.
D50	Remove existing handrails only from walls and center guard rail construction. Fill holes and prepare for new finishes.
D52	Remove masonry wall on Bldg B as shown, coordinate extent of demolition with architectural and structural drawings. Existing concrete lintels within removed masonry wall are to remain except for lintels over infilled windows in the Bldg B stairway noted for demolition, see structural.
D53	Remove existing aluminum and grit stair nosings and fritz tile treads. Flash patch and prepare for new applied treads.



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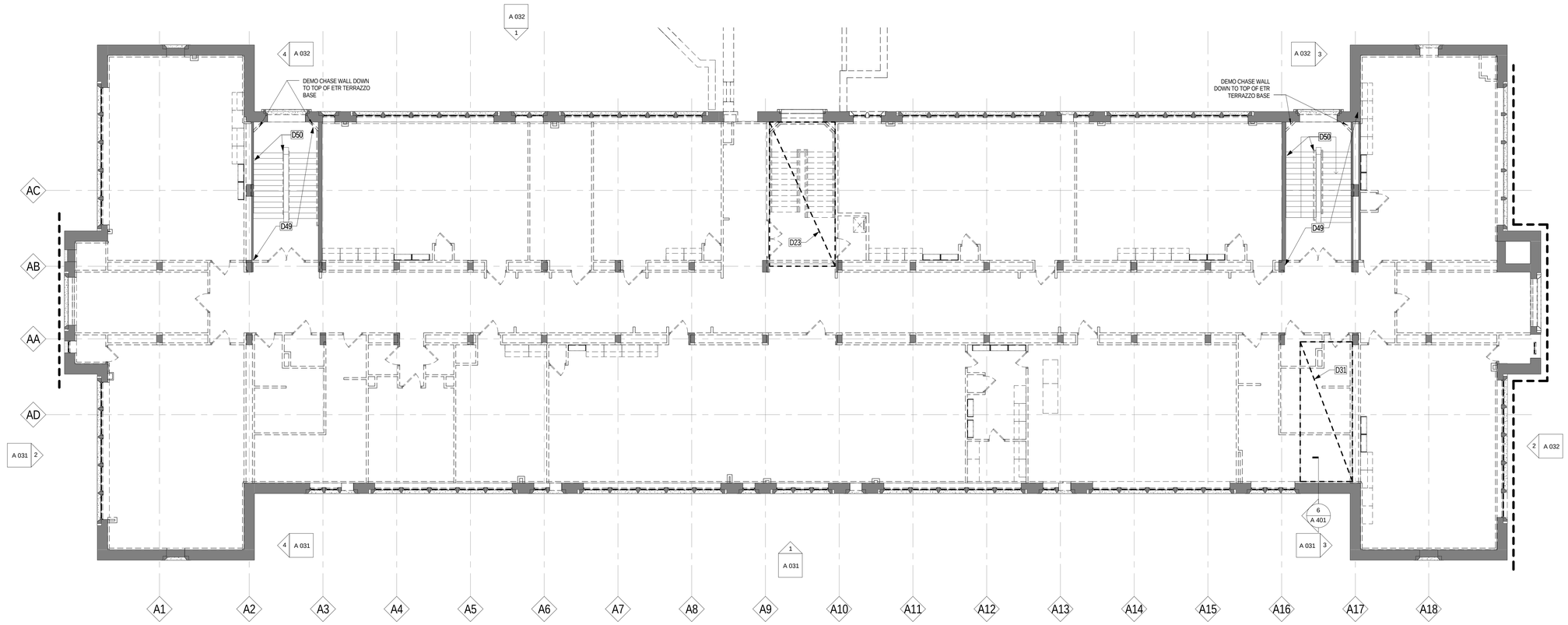
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
DEMO PLANS - L2

A 023

7/28/2016 4:03:55 PM



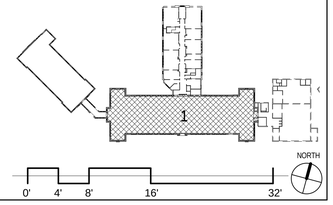
1 / A 024 L3B Demo
SCALE: 1/8" = 1'-0"

GENERAL DEMO PLAN NOTES

A. TYPICAL -- Remove suspended acoustical tile and drywall ceilings, grid, hangers, and miscellaneous support in all spaces.
B. TYPICAL -- Remove plaster ceilings and all support, hangers, furring, etc. in all spaces. Note that most spaces have original plaster ceilings in place above existing acoustical ceilings. Field verify.
C. TYPICAL -- Generally remove the existing finish floor system as follows. Contractor to field verify existing conditions. Note: Original sand bed terrazzo is installed on approximately 3-1/2" depressed structural slab. Bldg A, L0; & Bldg B, L0; remove terrazzo and bed and applied VCT, ceramic tile, or carpet from structural slab. Bldg A, L1; existing wood floor is to remain in the main gymnasium area as indicated. Remove wood floor, terrazzo and bed, and applied finishes from structural slab east of the gym floor and in the Bldg-A to Bldg-B connector. Bldg B, L1, L2, & L3; remove all applied finishes, terrazzo, and bed (except in stairs B1 and B2) and built-up classroom wood floors down to structural slab. Wood floors normally include an accumulation of sleepers, wood floor, plywood, floor tile, light weight concrete, and vct (all over a 3-1/2"± structural slab depression). Refer to new work floor plans A 113 through A 119, General Plan Note #7.
D. TYPICAL -- At exterior walls to remain, remove any loose ceramic tile and/or structural glazed facing tile from existing plastered masonry. After removal and at wall surface without tile, remove flaking paint and loose, deteriorated plaster. Leave wall surface free of loose material and dust and dirt and prepared to receive sprayed on insulation.
E. TYPICAL -- At exterior walls to remain, remove rigid insulation, furring, and drywall. After furred insulation/drywall removal and at unfurred wall surfaces, remove flaking paint and loose, deteriorated plaster. Leave wall surface free of loose material and dust ready to receive sprayed on insulation.
F. TYPICAL -- At interior walls to remain, remove existing ceramic tile from existing plastered masonry where required. After tile removal and at wall surfaces without tile, remove flaking paint and loose, deteriorated plaster. Leave wall surface free of loose material and dust ready to receive sprayed on insulation.
G. Note that existing plaster ceilings at L3 are to be demolished (a few plaster ceiling bays may have been replaced with drywall). They have several inches of loose fibrous insulation laying on top of the ceiling and suspension system. Note also that these plaster ceilings form the structural barrier between L3 and the attic. There is no attic floor slab.

Keynote Legend

Mark	Keynote Text
D23	Remove existing concrete stair construction including structural support. Patch floor slab as required.
D31	Provide opening in existing supported slab per details on architectural and structural drawings.
D49	Carefully remove existing textured wall covering material from all surfaces of wall and stair construction to remain. Prep as required for new plaster finish application.
D50	Remove existing handrails only from walls and center guard rail construction. Fill holes and prepare for new finishes.



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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

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LICENSE NO.: 8602
EXPIRATION DATE: 6/30/17

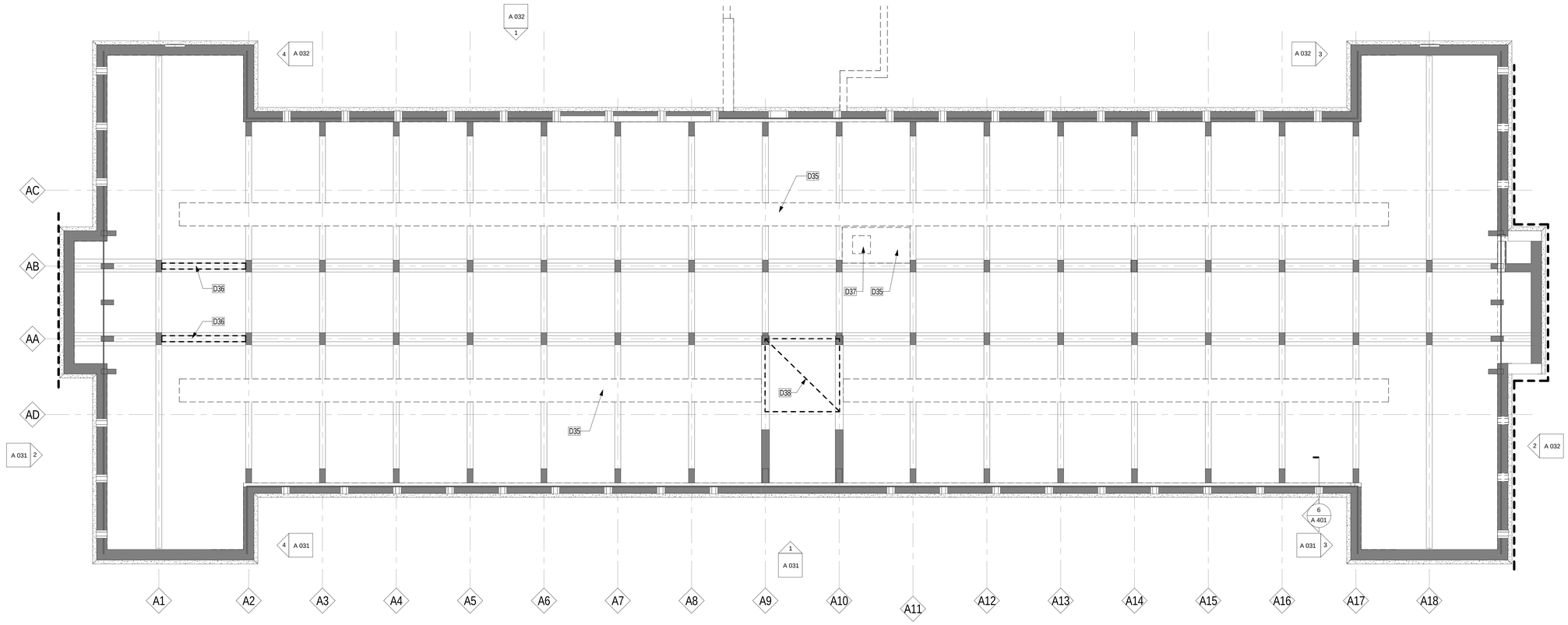
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
DEMO PLANS - L3

A 024

7/29/2016 4:04:09 PM

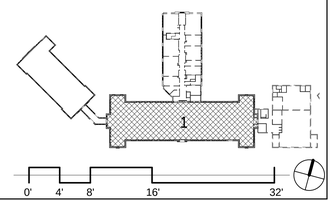


1 A 025 L4C Demo
SCALE: 1/8" = 1'-0"

GENERAL DEMO PLAN NOTES

A. Note that existing plaster ceilings at L3 are to be demolished (a few plaster ceiling bays may have been replaced with drywall). They have several inches of loose fibrous insulation laying on top of the ceiling and suspension system. Note also that these plaster ceilings form the structural barrier between L3 and the attic. There is no attic floor slab.

Keynote Legend	
Mark	Keynote Text
D35	Remove existing scaffold plank walkway system as approximately located.
D36	Remove existing horizontal infill and sealant between structural beams on the AA line and AB line at the L3 ceiling level, typical for length of building. See structural for infill details.
D37	Remove existing wooden platform, steel ship's ladder, miscellaneous trim, and roof hatch.
D38	Cupola above -- remove existing EPDM roof membrane installed at L3 ceiling level as temporary cupola leak remediation.



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LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

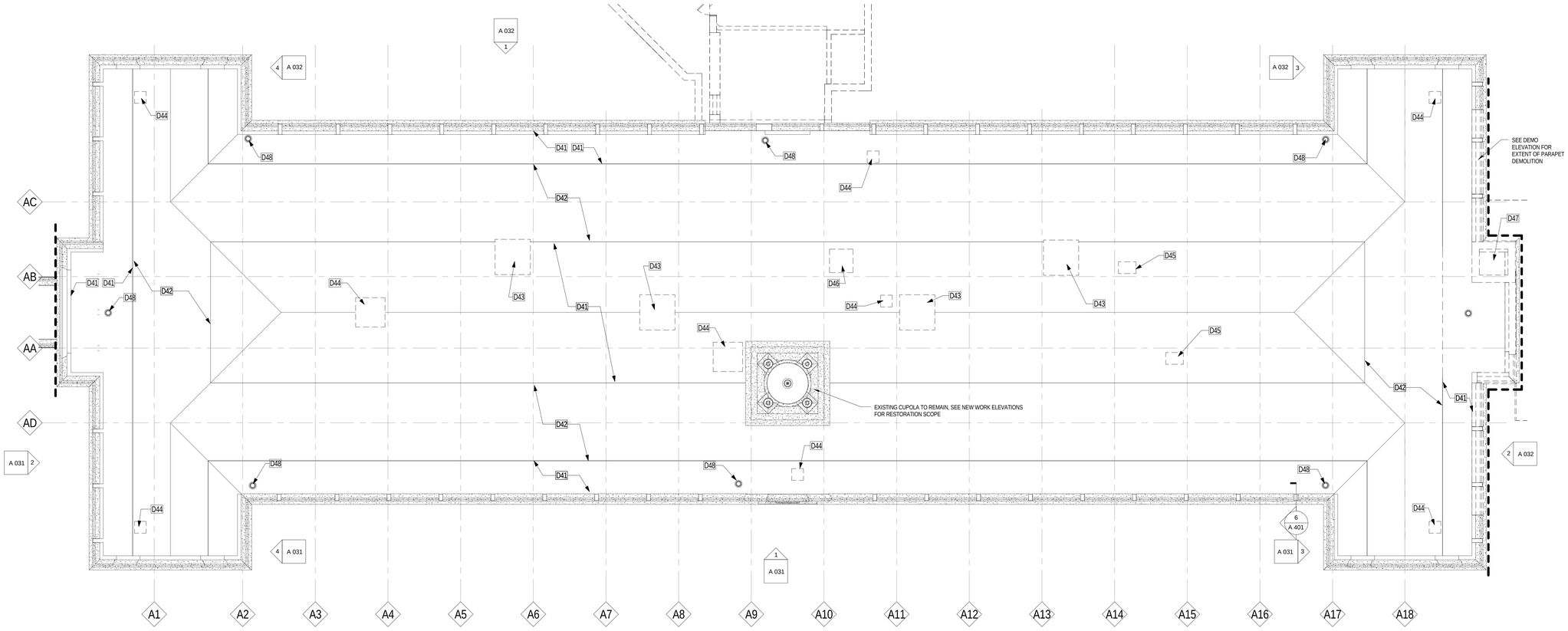
SCALE: As indicated

DRAWING NAME

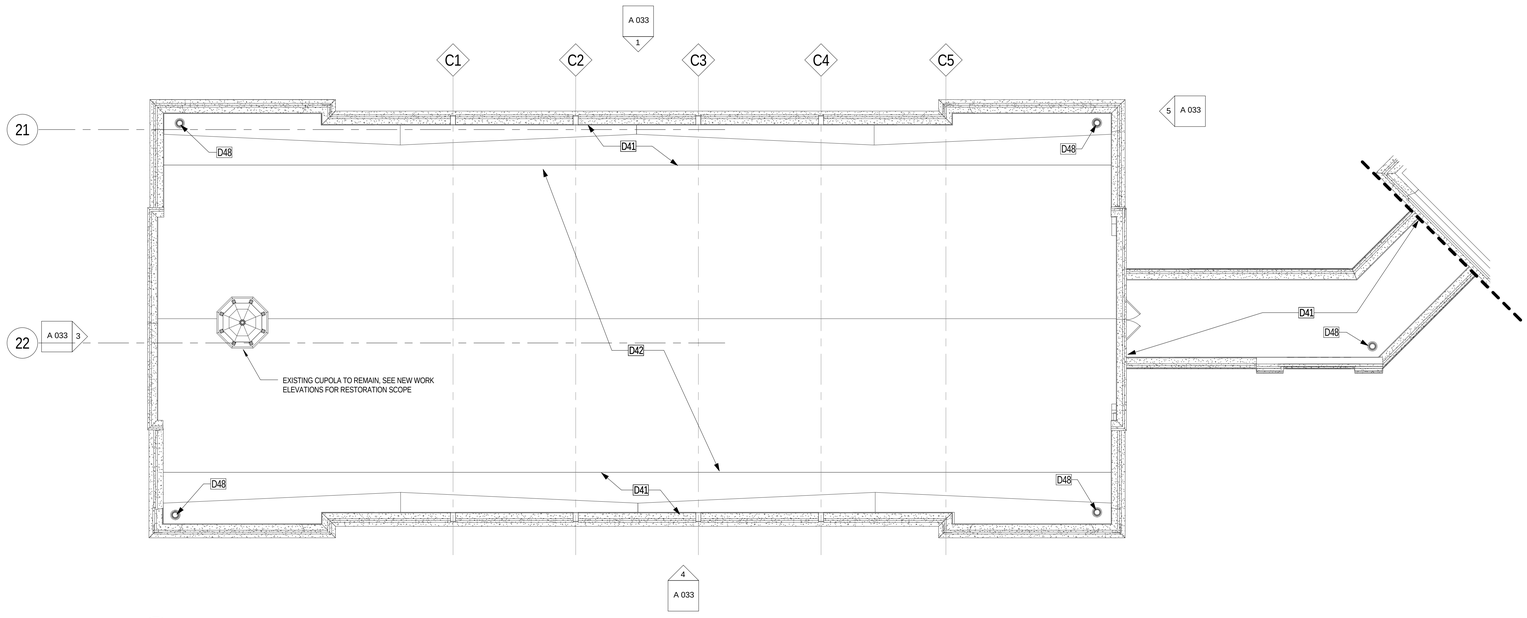
DEMO PLAN - ATTIC

A 025

7/28/2016 4:04:35 PM



1 / A 026 Roof B demo
SCALE: 1/8" = 1'-0"



2 / A 026 Roof A demo
SCALE: 1/8" = 1'-0"

Keynote Legend	
Mark	Keynote Text
D41	Carefully remove existing built-up roofing, flashing system, insulation, and all previous roofing layers, etc. to concrete deck below.
D42	Carefully remove existing shingle roofing, flashing system, insulation, and any previous roofing layers, etc. to concrete deck below. Remove flashing system complete to adjoining vertical surfaces including cupola, parapet, etc.
D43	Remove existing louver house and patch openings through roof deck. Refer to structural drawings for details.
D44	Remove existing exhaust fan or other mechanical equipment and patch openings through roof deck. Refer to structural drawings for details.
D45	Remove existing chimney and cap-off in attic space and patch openings through roof deck. Refer to structural drawings for details.
D46	Remove existing hatch and reuse existing opening for new roof hatch.
D47	Remove existing chimney down to roof deck and patch opening through roof deck. Refer to structural drawings for details.
D48	Remove all roof drains and below-deck supports. Remove all through-roof vent piping and supports. Refer to mechanical drawings for additional piping demolition and structural drawings for all deck patching details.

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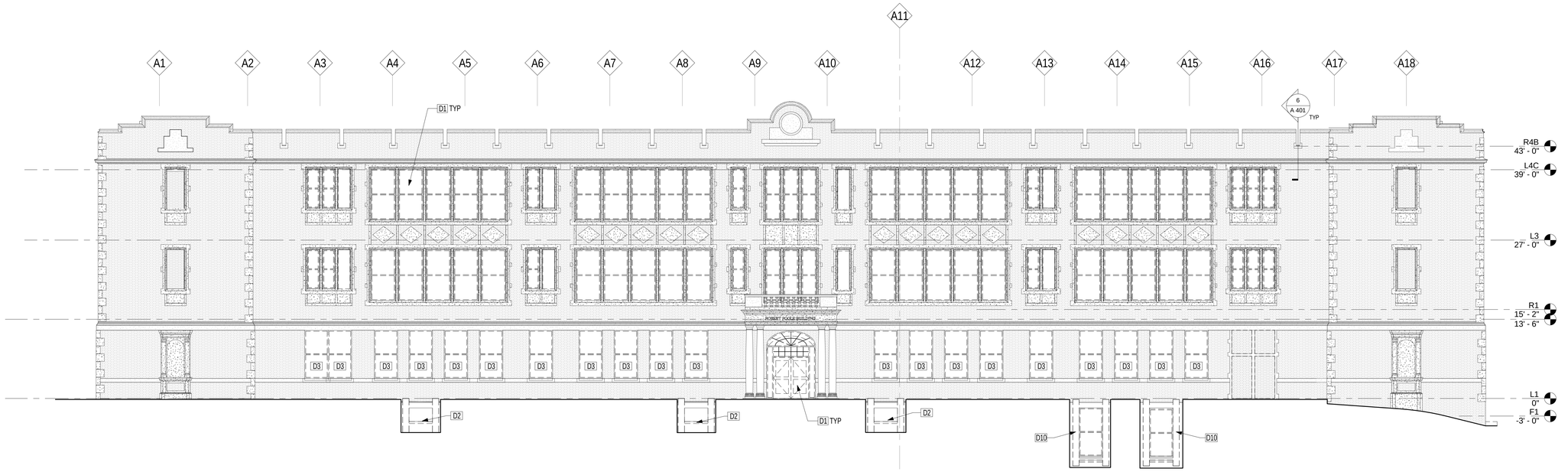
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

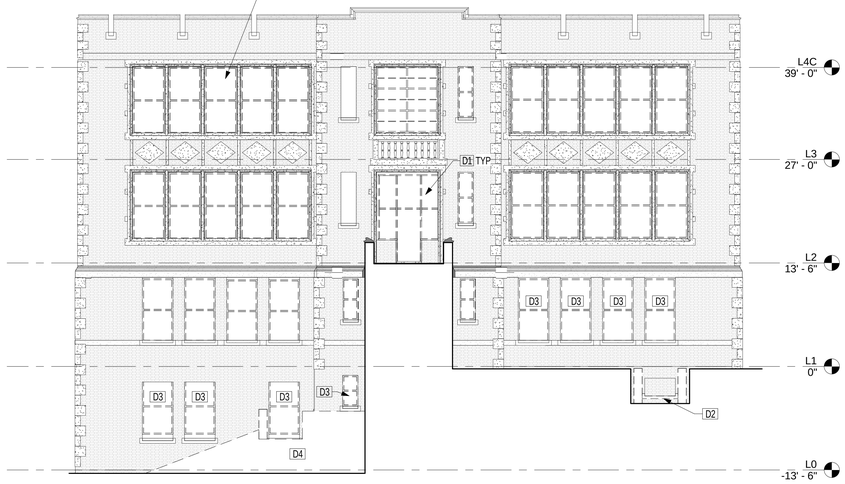
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/8" = 1'-0"
DRAWING NAME
DEMO PLANS - ROOF

A 026

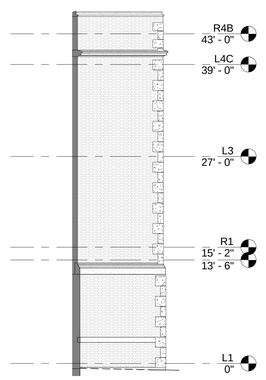
7/28/2016 4:05:26 PM



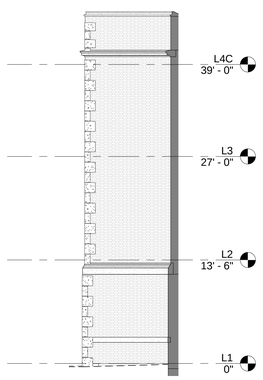
1 A 031 DEMO - BLDG B - SOUTH
SCALE: 1/8" = 1'-0"



2 A 031 DEMO - BLDG B - WEST
SCALE: 1/8" = 1'-0"

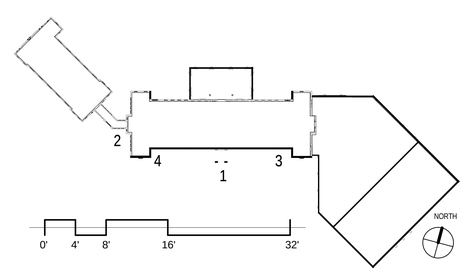


3 A 031 DEMO - BLDG B - WEST 2
SCALE: 1/8" = 1'-0"



4 A 031 DEMO - BLDG B - EAST 2
SCALE: 1/8" = 1'-0"

Keynote Legend	
Mark	Keynote Text
D1	TYPICAL -- At all existing windows and exterior doors/transoms (UNO), carefully remove existing window or door installation including frame, blocking, anchors, fasteners, sealant, trim, etc., and prepare rough opening for installation of new windows or doors.
D2	At existing light wells to be removed, demolish and remove existing masonry and concrete construction beyond face of building. Apply waterproofing below grade as shown on detail 5/A 401 and backfill per spec.
D3	Remove existing window guards and mounting hardware, etc.
D4	Carefully remove slope protection, concrete stair, support walls, footings, fill, and one light well to expose existing face brick of original building as indicated. Hand excavate as required to prevent damage to brick.
D10	At existing light wells to be reconstructed, demolish and remove existing masonry and concrete construction. Remove existing window or louver and prepare rough opening for installation of new windows or doors. Refer to detail 4/A 401 for new work.



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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

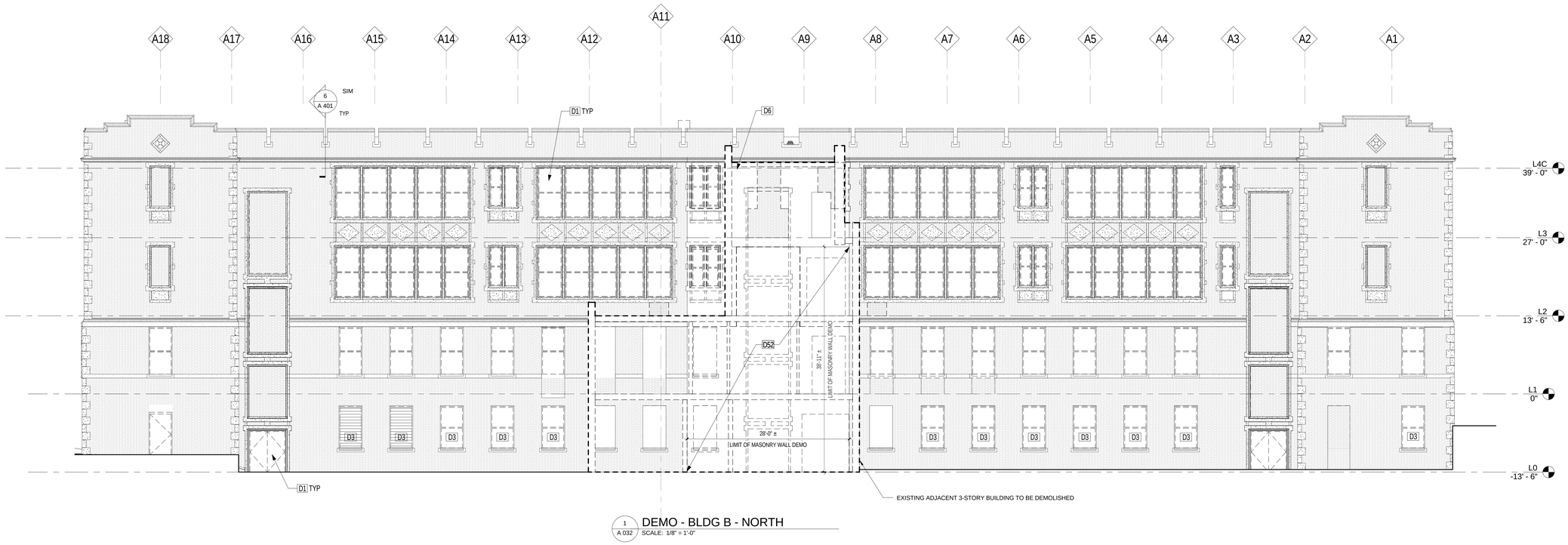
SCALE: As indicated

DRAWING NAME

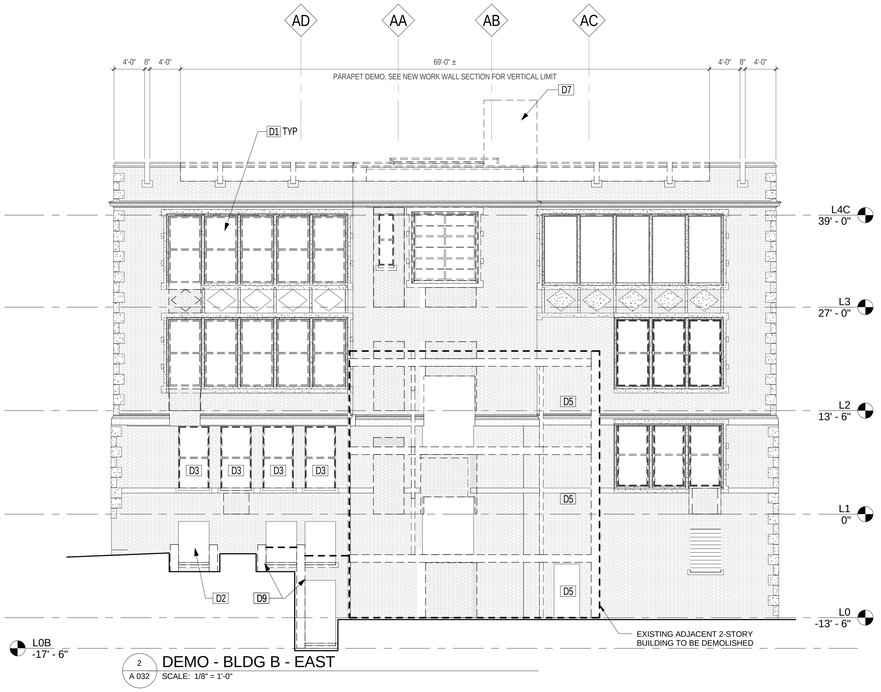
DEMO ELEVATIONS - BLDG B - SOUTH / WEST

A 031

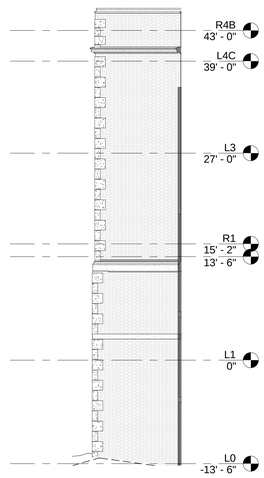
7/28/2016 4:06:07 PM



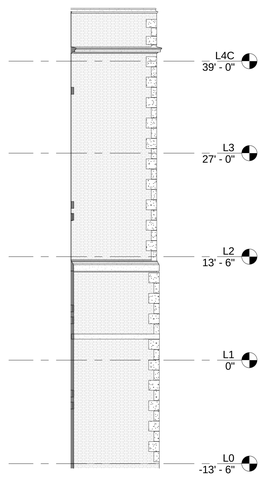
1 A 032 DEMO - BLDG B - NORTH
SCALE: 1/8" = 1'-0"



2 A 032 DEMO - BLDG B - EAST
SCALE: 1/8" = 1'-0"

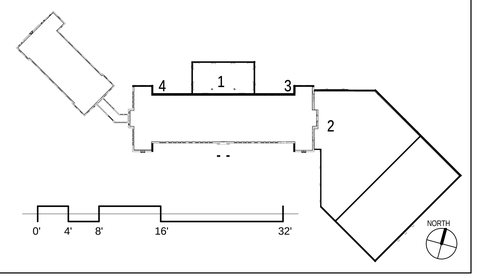


3 A 032 DEMO - BLDG B - WEST 3
SCALE: 1/8" = 1'-0"



4 A 032 DEMO - BLDG B - EAST 3
SCALE: 1/8" = 1'-0"

Keynote Legend	
Mark	Keynote Text
D1	TYPICAL -- At all existing windows and exterior doors/transoms (UNO), carefully remove existing window or door installation including frame, blocking, anchors, fasteners, sealant, trim, etc., and prepare rough opening for installation of new windows or doors.
D2	At existing light wells to be removed, demolish and remove existing masonry and concrete construction beyond face of building. Apply waterproofing below grade as shown on detail 5/A 401 and backfill per spec.
D3	Remove existing window guards and mounting hardware, etc.
D5	Carefully remove elevator shaft, doors, frame, rails, car, etc. back to original building exterior wall.
D6	At demolished 3-story building elevator penthouse, carefully salvage, clean, and store for re-use existing limestone water table straight sections and corners.
D7	Demolish existing chimney down to roof deck.
D9	Demolish and remove existing masonry and concrete construction beyond the face of the building to remain.
D52	Remove masonry wall on Bldg B as shown, coordinate extent of demolition with architectural and structural drawings. Existing concrete lintels within removed masonry wall are to remain except for lintels over infilled windows in the Bldg B stairway noted for demolition, see structural.



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LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

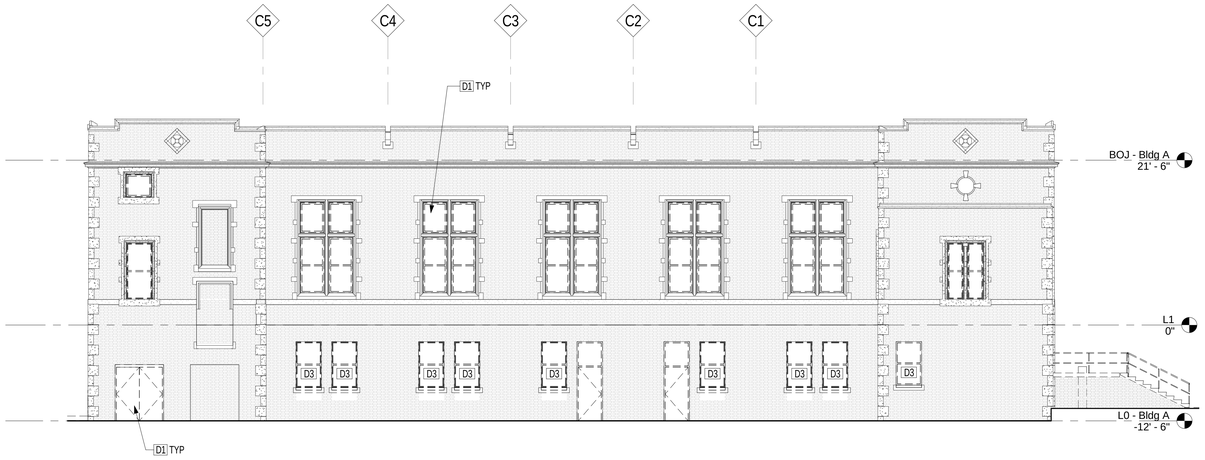
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

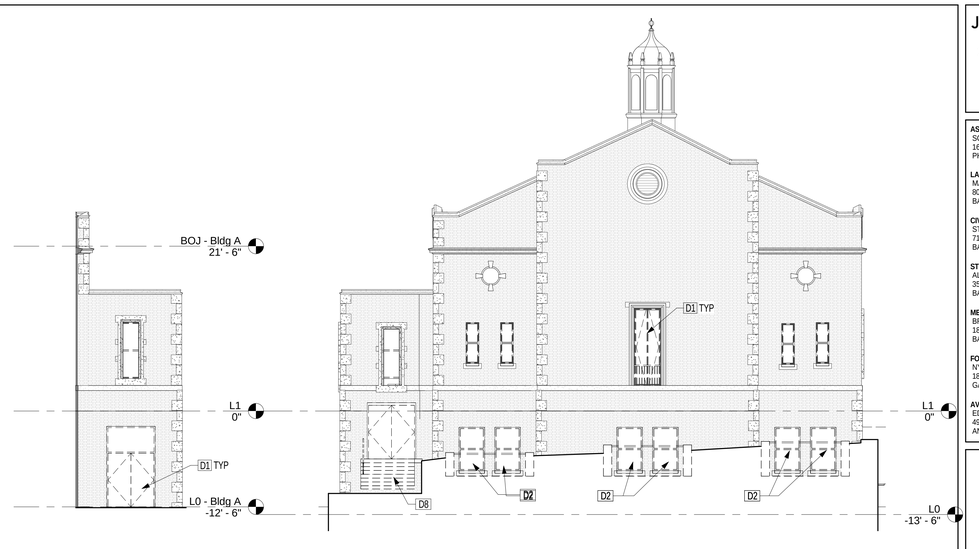
DRAWING NAME
DEMO ELEVATIONS - BLDG B - NORTH / EAST

A 032

7/28/2016 4:06:58 PM

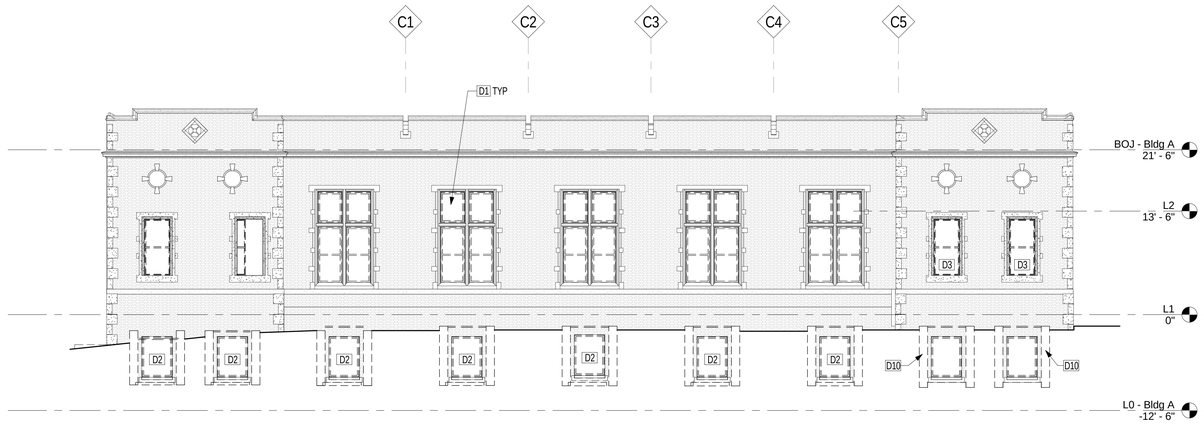


1 A 033 DEMO - BLDG A - NORTHEAST
SCALE: 1/8" = 1'-0"



2 A 033 DEMO - BLDG A
SCALE: 1/8" = 1'-0"

3 A 033 DEMO - BLDG A - NORTHWEST
SCALE: 1/8" = 1'-0"



4 A 033 DEMO - BLDG A - SOUTHWEST
SCALE: 1/8" = 1'-0"

5 A 033 DEMO - BLDG A - SOUTHEAST
SCALE: 1/8" = 1'-0"

Keynote Legend	
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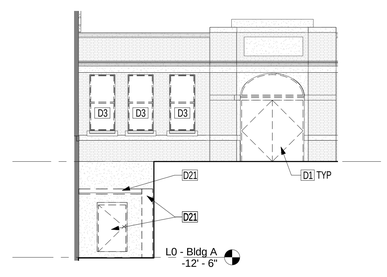
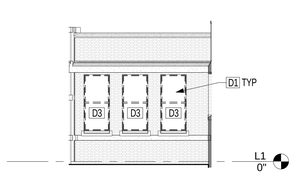
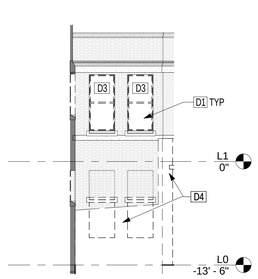
D1	TYPICAL -- At all existing windows and exterior doors/transoms (UNO), carefully remove existing window or door installation including frame, blocking, anchors, fasteners, sealant, trim, etc., and prepare rough opening for installation of new windows or doors.
D2	At existing light wells to be removed, demolish and remove existing masonry and concrete construction beyond face of building. Apply waterproofing below grade as shown on detail 5/A 401 and backfill per spec.
D3	Remove existing window guards and mounting hardware, etc.
D4	Carefully remove slope protection, concrete stair, support walls, footings, fill, and one light well to expose existing face brick of original building as indicated. Hand excavate as required to prevent damage to brick.
D8	Carefully remove existing exterior stair construction including concrete, masonry, foundations, and fill material.
D10	At existing light wells to be reconstructed, demolish and remove existing masonry and concrete construction. Remove existing window or louver and prepare rough opening for installation of new windows or doors. Refer to detail 4/A 401 for new work.
D21	Remove existing transformer vault walls, floor slab, roof slab, door, etc. Repair voids in wall to remain and prepare for below grade waterproofing per detail 5/A 401.



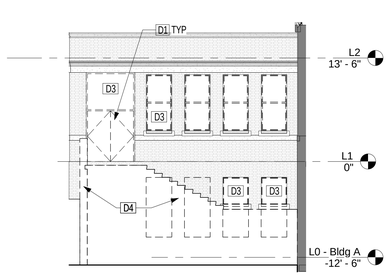
6 A 033 DEMO - LINK SOUTH 2
SCALE: 1/8" = 1'-0"



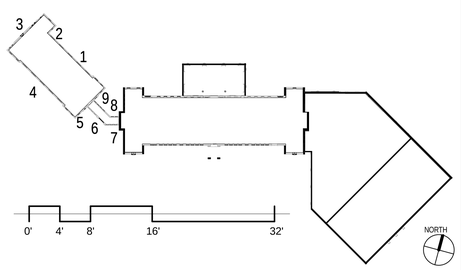
7 A 033 DEMO - LINK SOUTH
SCALE: 1/8" = 1'-0"



8 A 033 DEMO - LINK NORTH
SCALE: 1/8" = 1'-0"



9 A 033 DEMO - LINK NORTH 2
SCALE: 1/8" = 1'-0"



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EXPIRATION DATE: 8/3/2017

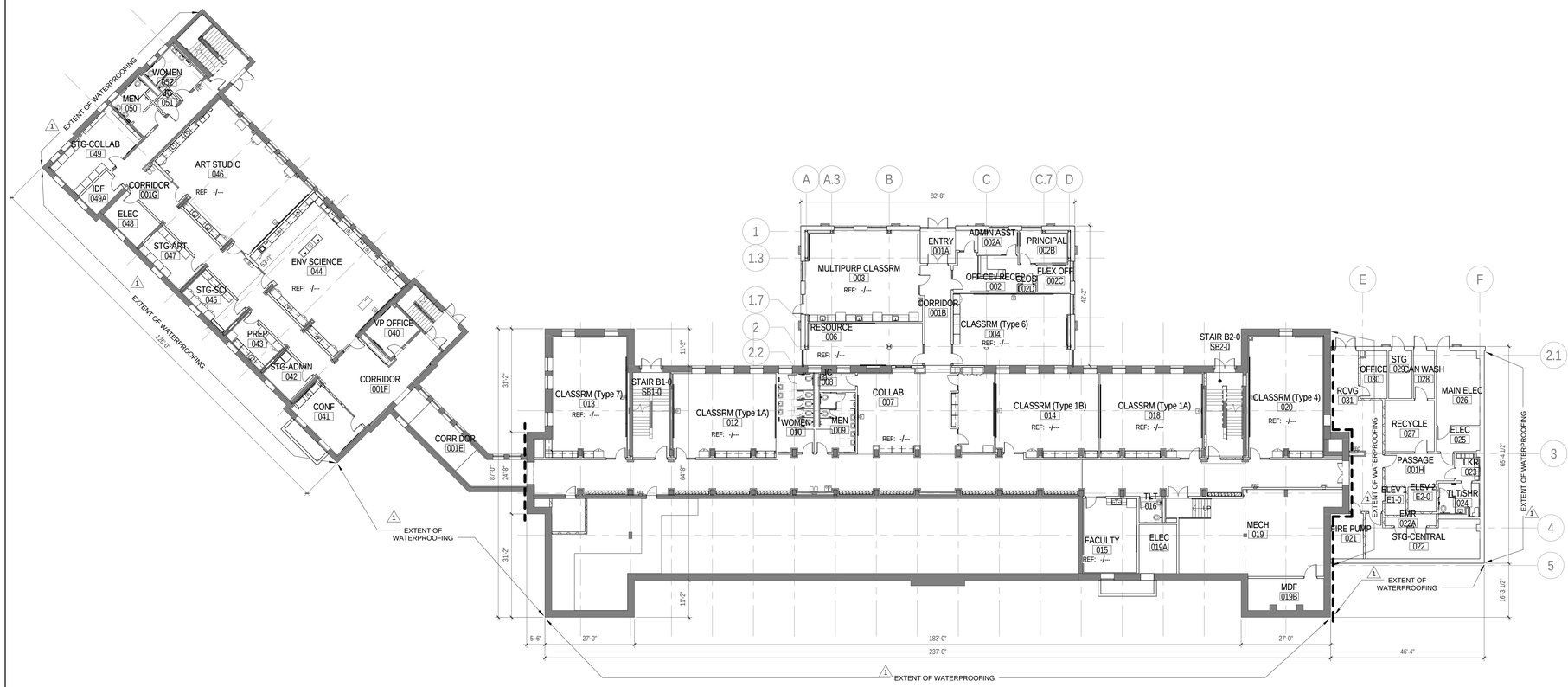
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
DEMO ELEVATIONS - BLDG A

A 033

7/28/2016 4:07:34 PM



1 A 101 BLDG A, B & C - L0 OVERALL PLAN
SCALE: 1/16" = 1'-0"

1 NOTE:
PROVIDE MEMBRANE WATERPROOFING AT ALL EXISTING AND NEW EXTERIOR BELOW GRADE WALLS AS SHOWN ON WALL SECTIONS ON SHEETS A401, A406, AND A407.

0' 4' 8' 16' 32'

JRS ARCHITECTS
2010 Clipper Park Rd.
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ASSOCIATE ARCHITECT
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LANDSCAPE ARCHITECT
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STRUCTURAL ENGINEER
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MEP ENGINEER
BRINJAC ENGINEERING
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FOOD SERVICE
NYIKOS ASSOCIATES
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AVIT CONSULTANT
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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8002
EXPIRATION DATE: 6/30/17

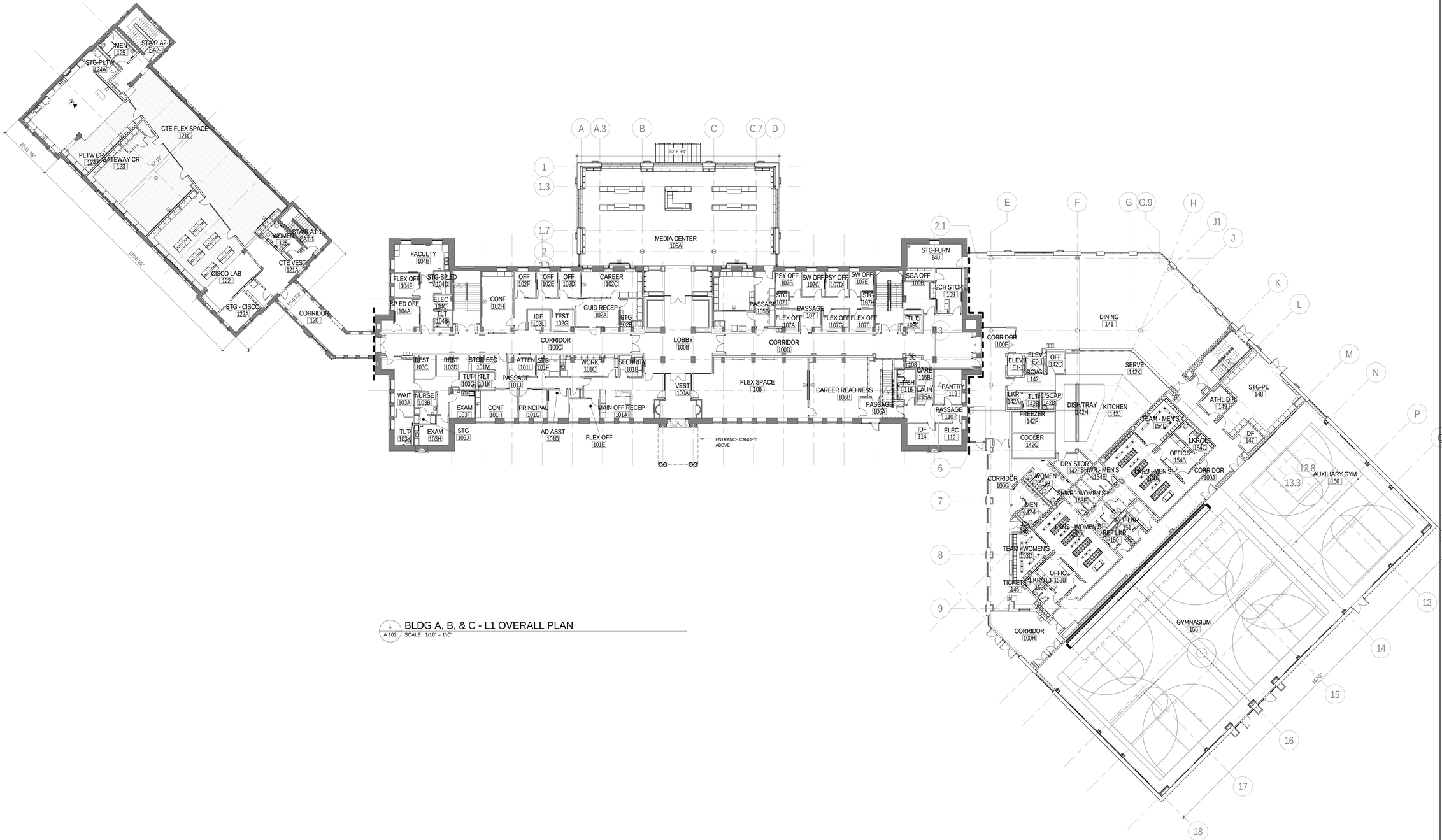
No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/16" = 1'-0"
DRAWING NAME
OVERALL LEVEL 0 PLAN

A 101

7/28/2016 4:08:12 PM



1 / A 102 BLDG A, B, & C - L1 OVERALL PLAN

SCALE: 1/16" = 1'-0"

0' 4' 8' 16' 32'

JRS ARCHITECTS

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BRUNJAC ENGINEERING
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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

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LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

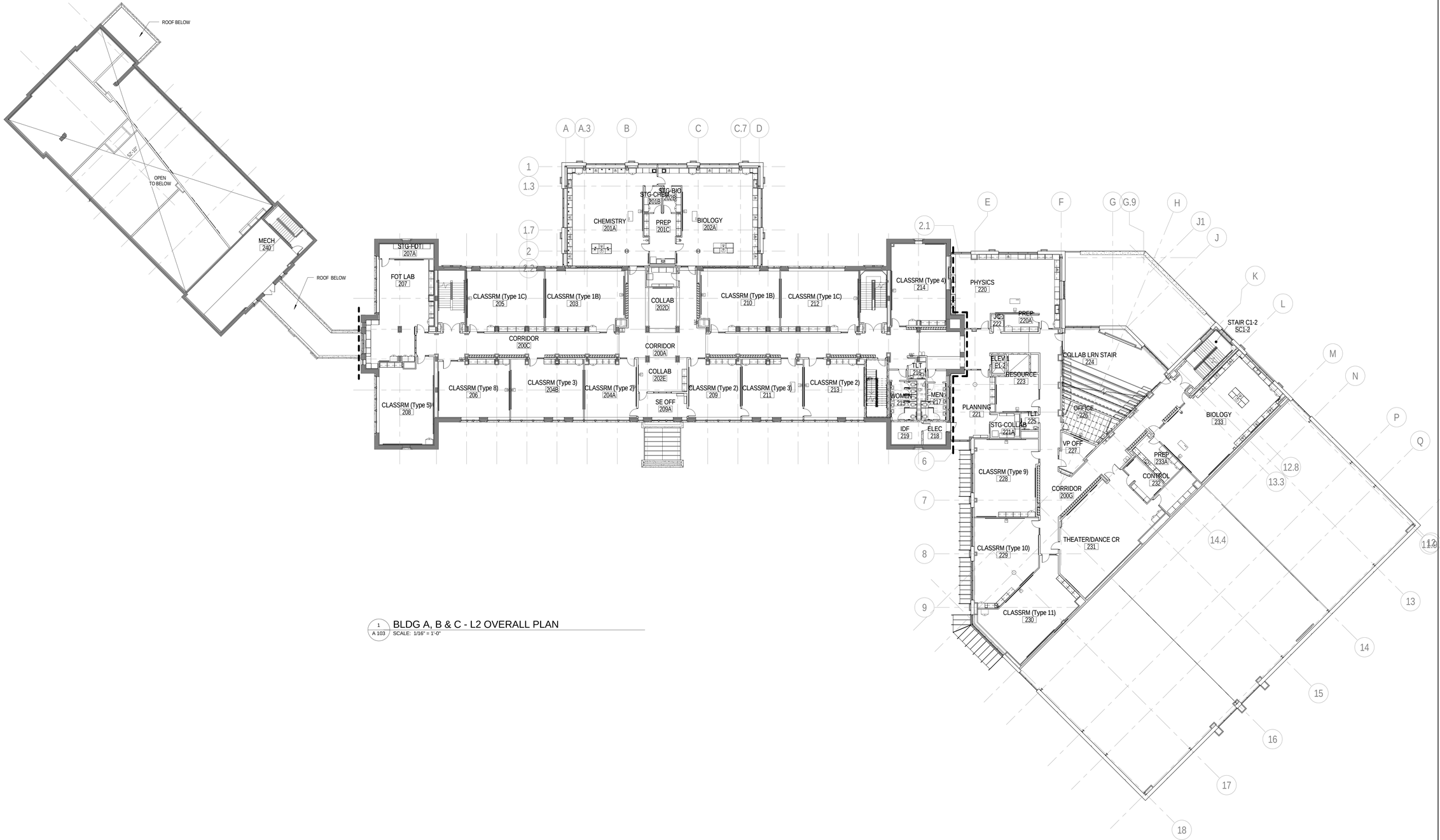
SCALE: 1/16" = 1'-0"

DRAWING NAME

OVERALL LEVEL 1 PLAN

A 102

7/28/2016 4:09:26 PM



1 / A 103 BLDG A, B & C - L2 OVERALL PLAN
SCALE: 1/16" = 1'-0"

0' 4' 8' 16' 32'

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LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

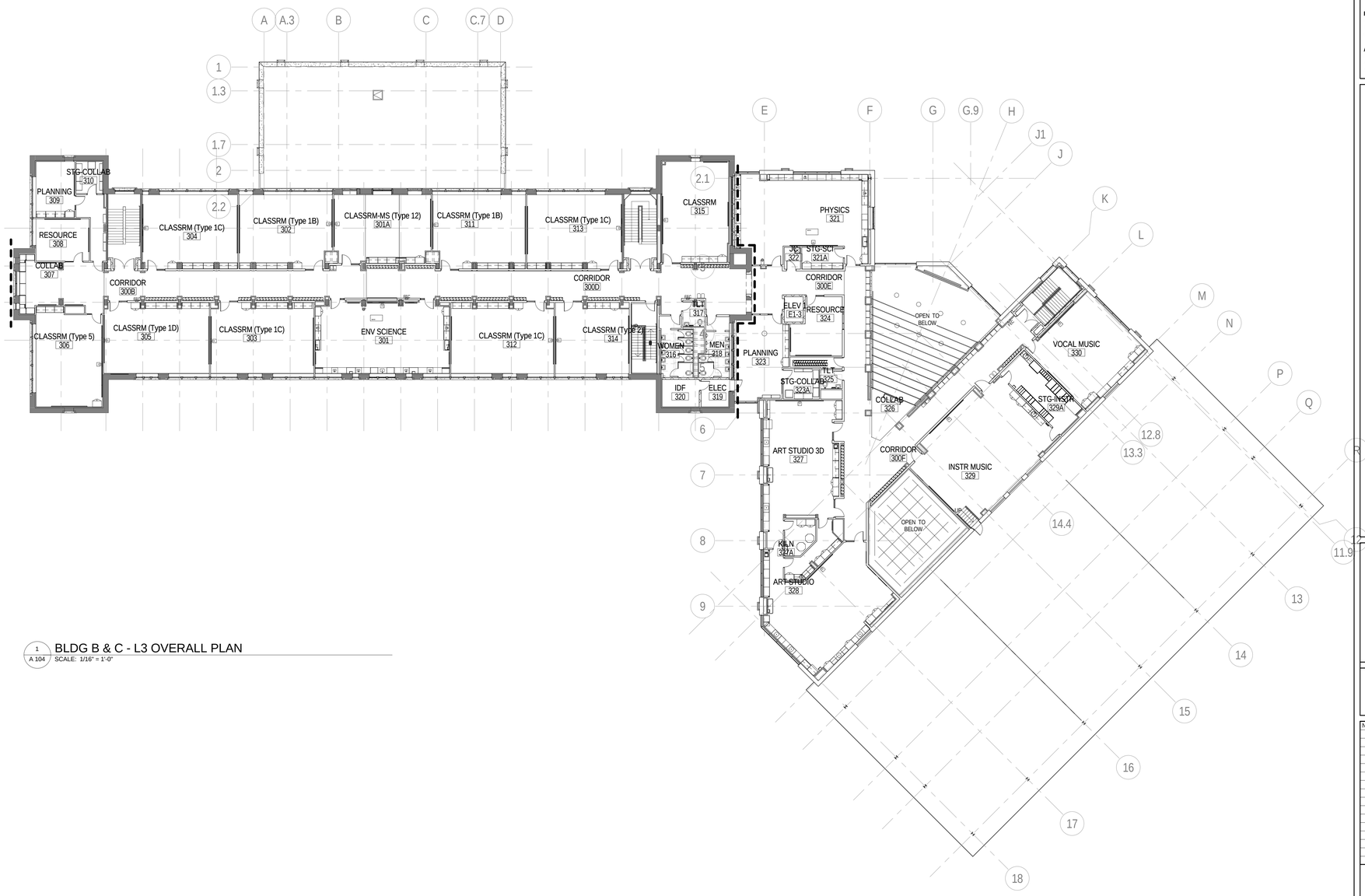
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/16" = 1'-0"
DRAWING NAME
OVERALL LEVEL 2 PLAN

A 103

7/29/2016 4:09:42 PM



1 / A 104 BLDG B & C - L3 OVERALL PLAN
SCALE: 1/16" = 1'-0"

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LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

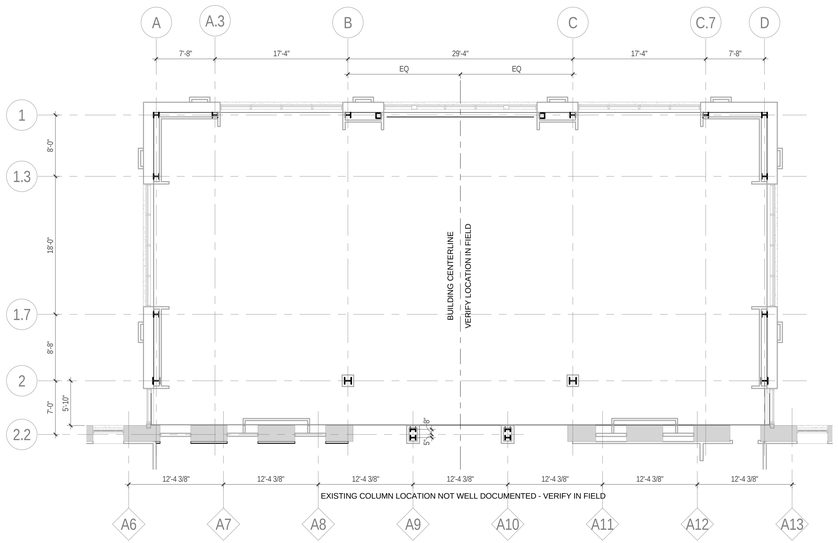
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

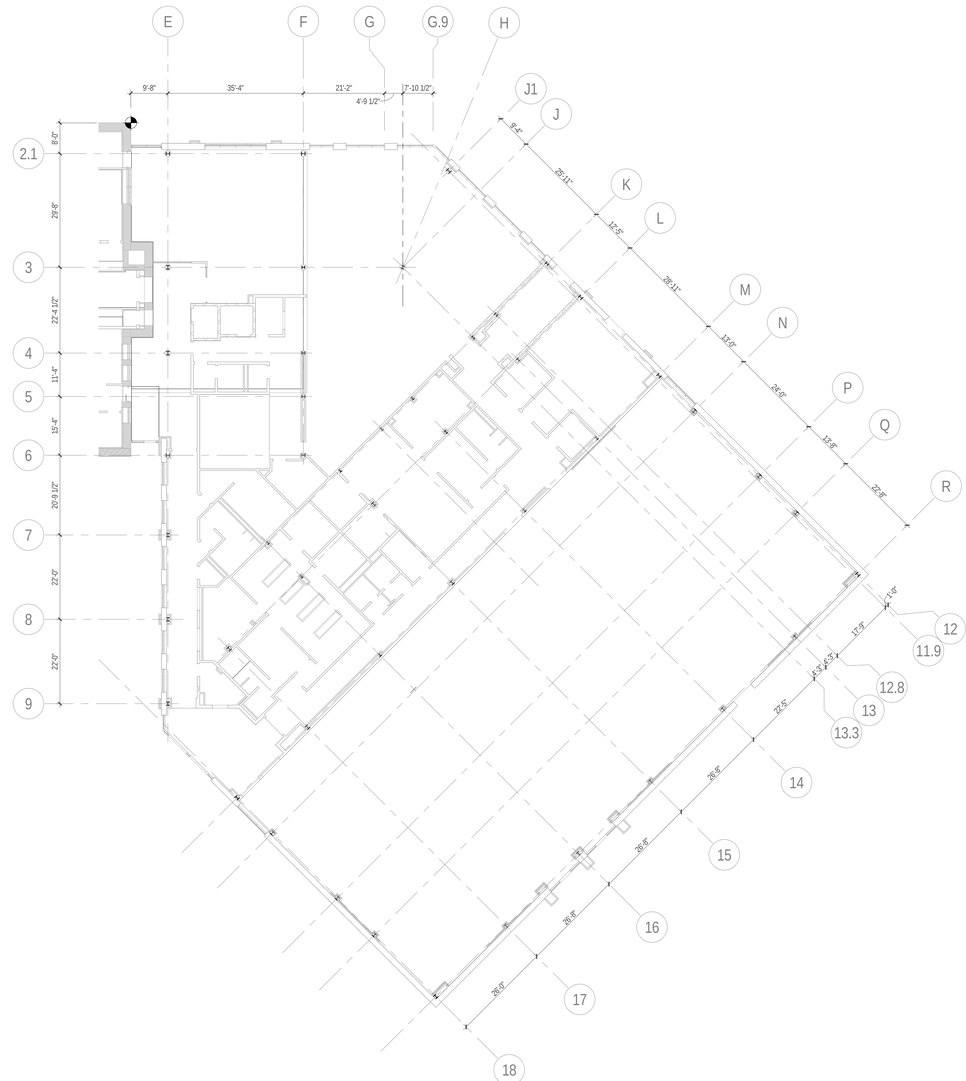
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/16" = 1'-0"
DRAWING NAME
OVERALL LEVEL 3 PLAN

A 104

7/28/2016 4:09:56 PM



2 / A 105 LAYOUT PLAN - NORTH ADDITION
SCALE: 1/8" = 1'-0"



1 / A 105 LAYOUT PLAN -EAST ADDITION
SCALE: 1/16" = 1'-0"

6 SHEET ISSUED IN THE CONSTRUCTION SET

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LICENSE NO.: 8002
EXPIRATION DATE: 6/30/017

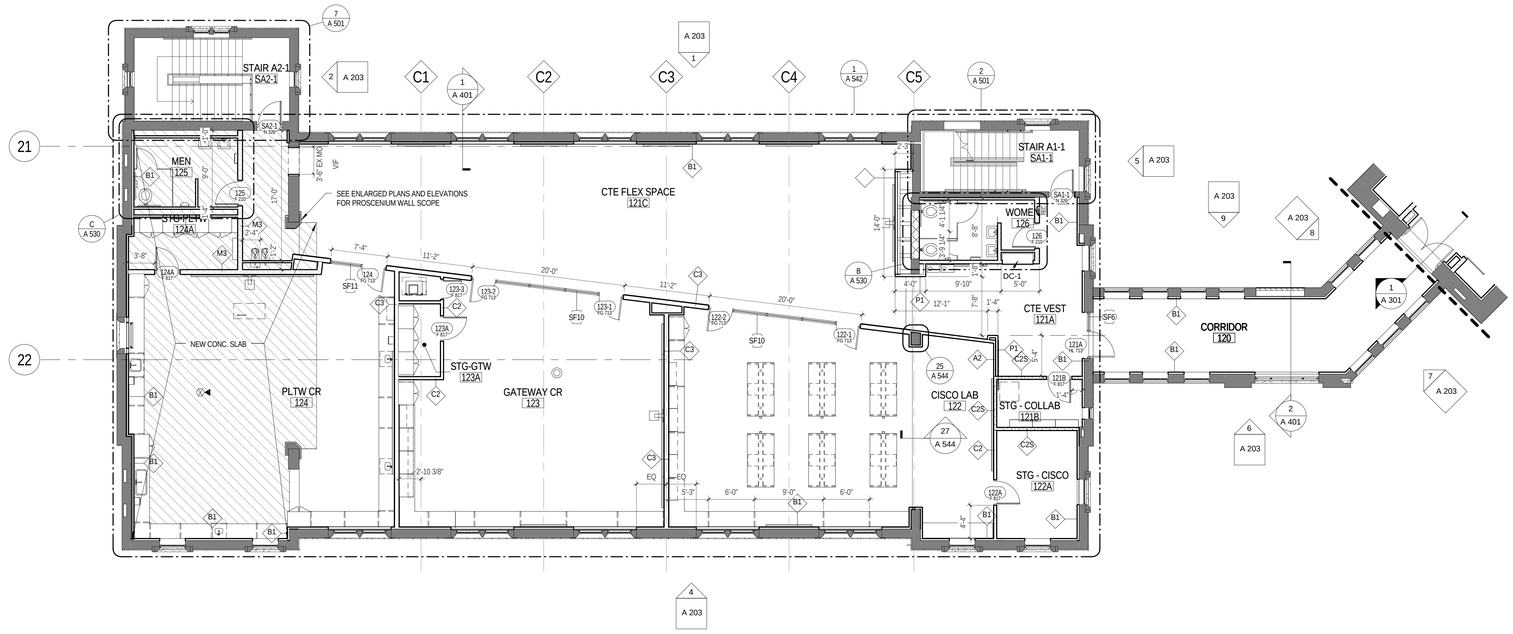
No.	DATE	DESCRIPTION
6	7/28/16	CONSTRUCTION SET

CONSTRUCTION SET 7/28/16

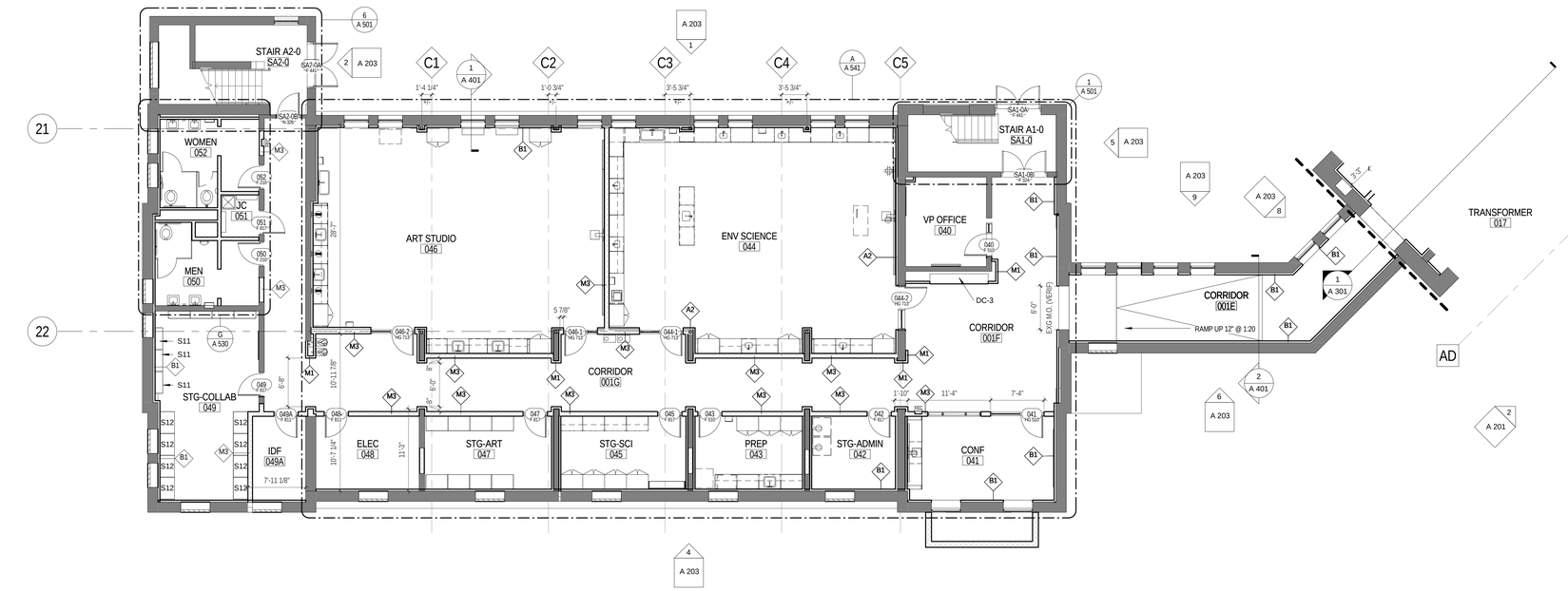
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
LAYOUT PLAN

A 105

7/28/2016 4:10:04 PM



2 / A 111 BLDG A - L1 FLOOR PLAN
SCALE: 1/8" = 1'-0"



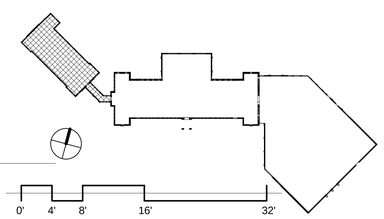
1 / A 111 L0 - A
SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP. UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

BUILDING ALTERATION NOTES

1. FOLLOWING COMPLETION OF THE MAJORITY OF ARCHITECTURAL, MECHANICAL, ELECTRICAL, ETC. DEMOLITION OPERATIONS IN A-BLDG CONNECTOR AND B-BLDG—IN ALL PARTITIONS TO REMAIN, CONTRACTOR SHALL INFILL WITH MASONRY OF SAME THICKNESS AS PARTITION (PLASTER NOT REQ'D AT CONCEALED LOCATIONS) AT ALL OPENINGS THAT REMAIN AFTER REMOVAL OF PIPE, DUCTWORK, CONDUIT, ETC. THIS MUST BE COMPLETED PRIOR TO INSTALLATION OF NEW PIPE, DUCTWORK, CONDUIT, ETC.
2. AT EXISTING 3-1/2" (±) STRUCTURAL FLOOR SLAB DEPRESSION FOR EXISTING TERRAZZO AND WOOD FLOOR SYSTEMS, PROVIDE CEMENTITIOUS TOPPING (MIN 3000 PSI) WITH 6x6 W1.4xW1.4 MESH REINFORCING TO NEW FINISH FLOOR ELEVATION PRIOR TO BEGINNING NEW PARTITION WORK.



JRS ARCHITECTS
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3500 BOSTON ST, SUITE 329
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FOOD SERVICE
NYIKOS ASSOCIATES
18219A FLOWER HILL WAY
GAITHERSBURG, MD 20879

AVIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

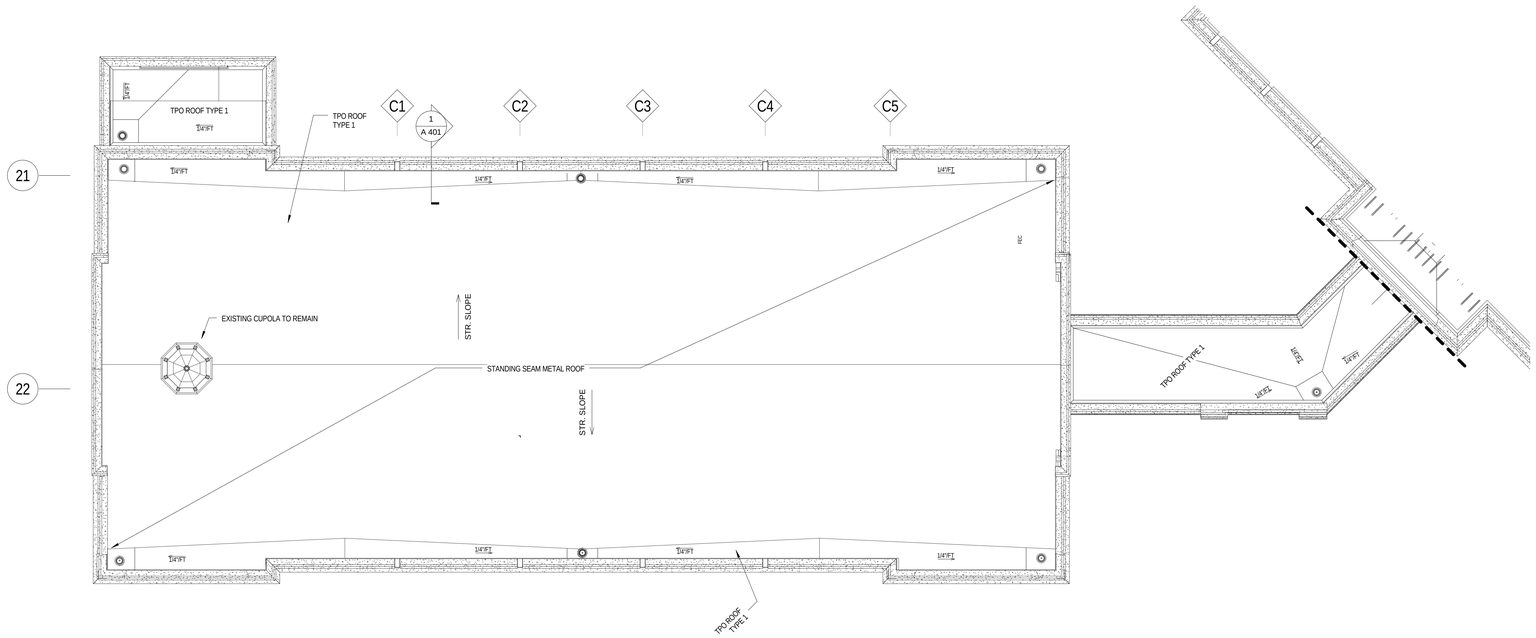
No.	DATE	DESCRIPTION
5	6/7/16	POST BID ADDENDUM

CONSTRUCTION SET 7/28/16

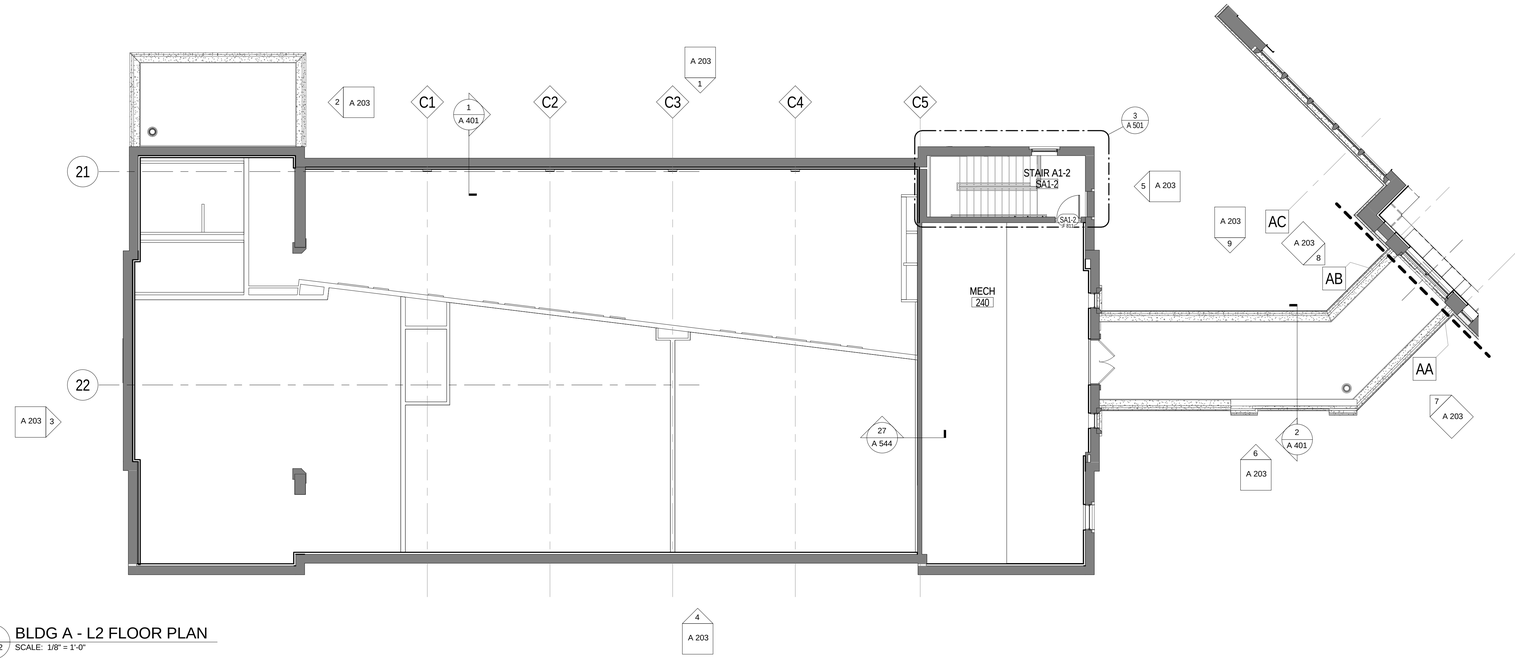
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
BLDG A - LEVELS L0 & L1 FLOOR PLANS

A 111

7/28/2016 4:10:36 PM



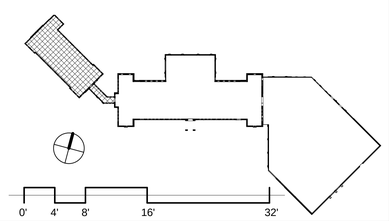
2 / A 112 BLDG A - ROOF PLAN
SCALE: 1/8" = 1'-0"



1 / A 112 BLDG A - L2 FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP. UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE



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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

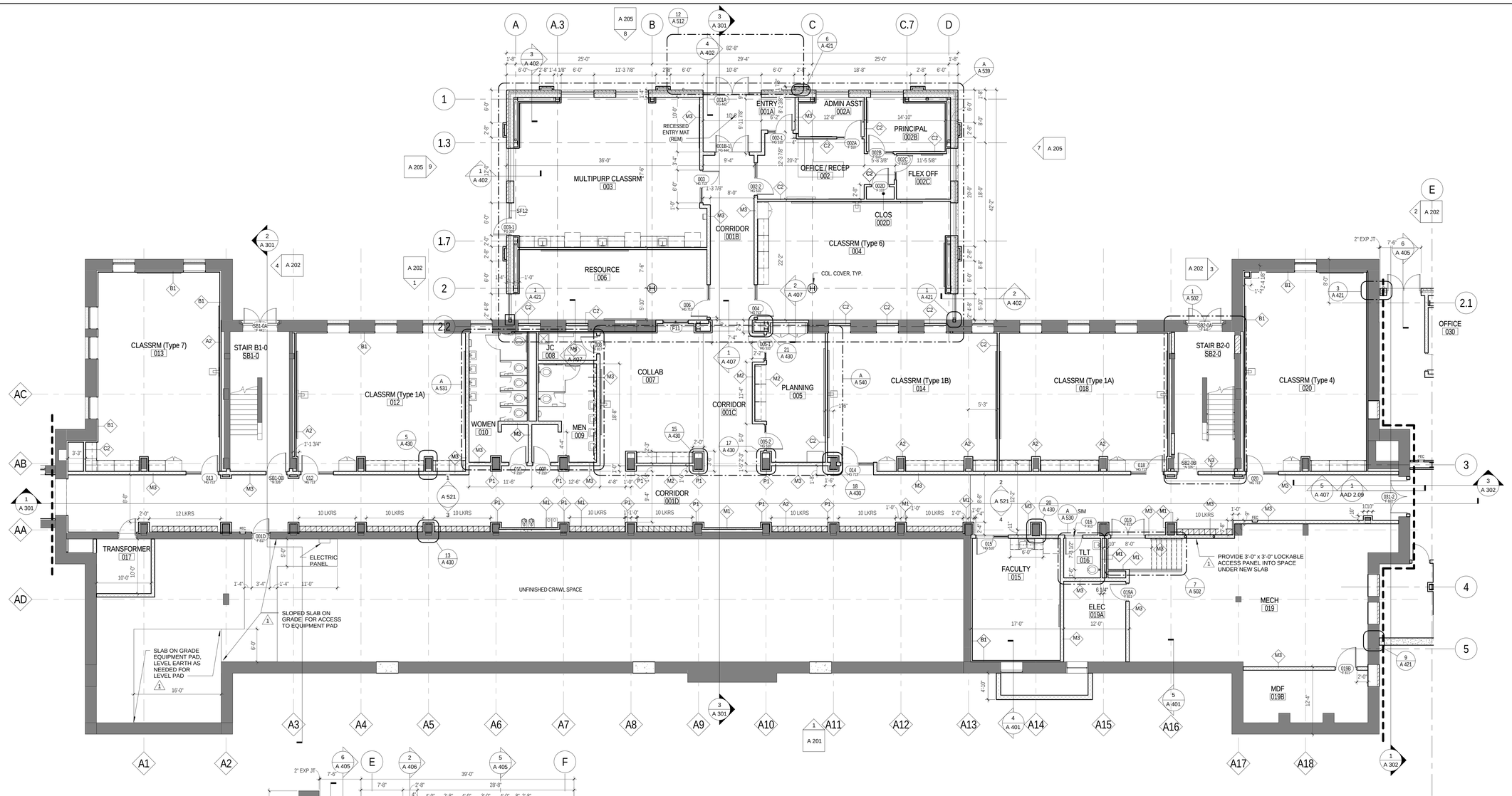
SCALE: As indicated

DRAWING NAME

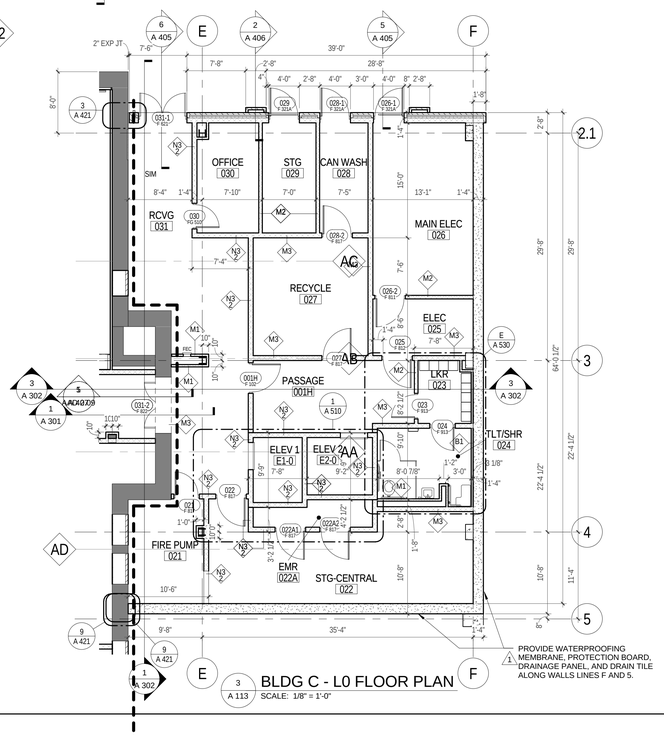
BLDG A - LEVELS L2 & ROOF PLANS

A 112

7/28/2016 4:11:02 PM



1 A 113 BLDG B - L0 FLOOR PLAN
SCALE: 1/8" = 1'-0"



3 A 113 BLDG C - L0 FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
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4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
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7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
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BUILDING ALTERATION NOTES

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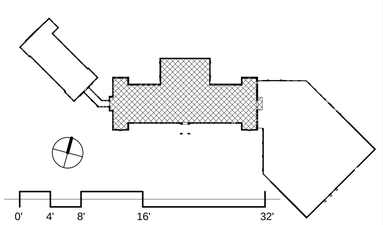
2. AT EXISTING 3-1/2" (±) STRUCTURAL FLOOR SLAB DEPRESSION FOR EXISTING TERRAZZO AND WOOD FLOOR SYSTEMS, PROVIDE CEMENTITIOUS TOPPING (MIN 3000 PSI) WITH 6x6 W1.4xW1.4 MESH REINFORCING TO NEW FINISH FLOOR ELEVATION PRIOR TO BEGINNING NEW PARTITION WORK.



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1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 3602
EXPIRATION DATE: 6/3/2017

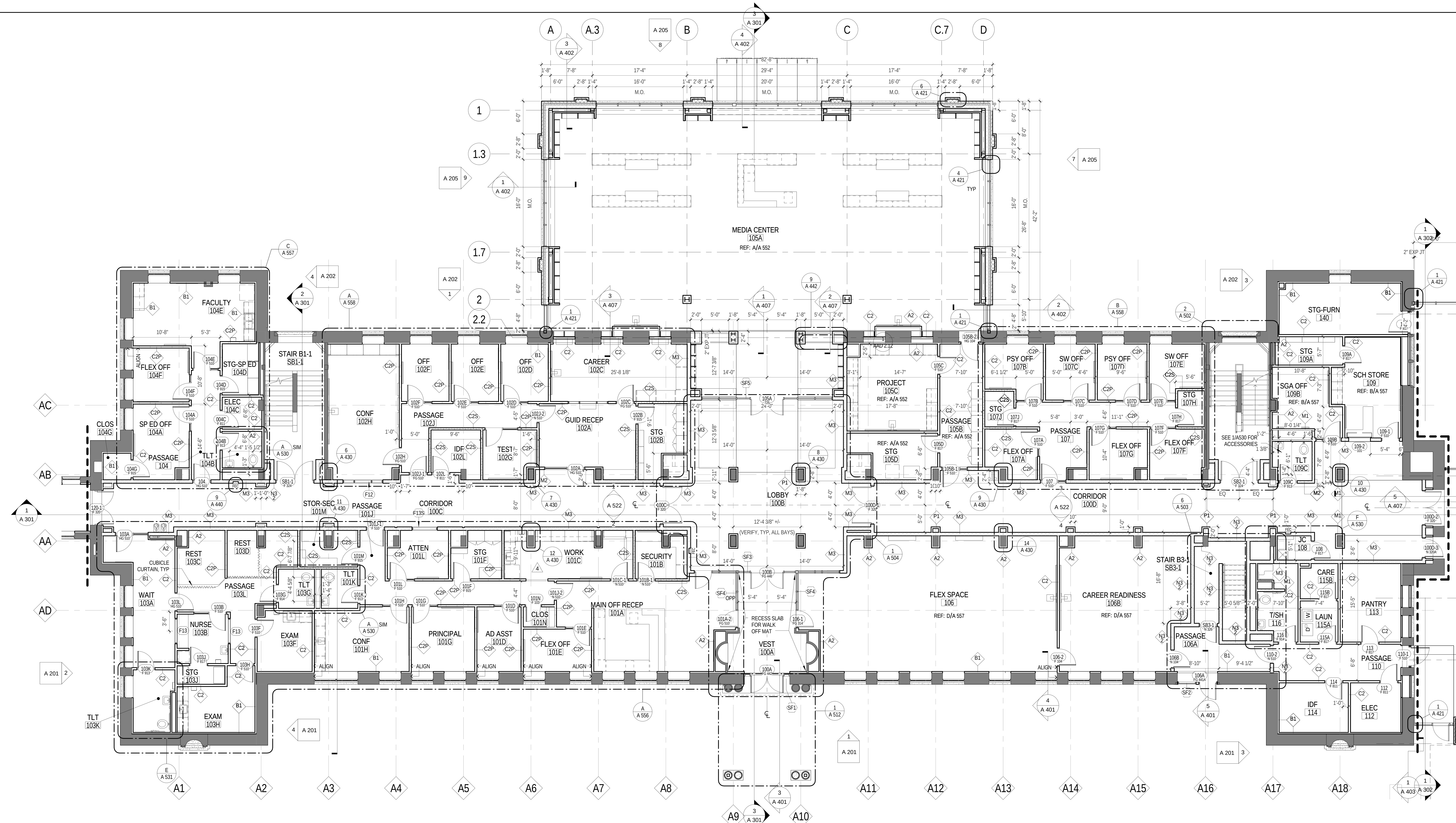
No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2
5	6/7/16	POST BID ADDENDUM

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
BLDG B & C - LEVEL L0 FLOOR PLANS

A 113

7/28/2016 4:11:18 PM



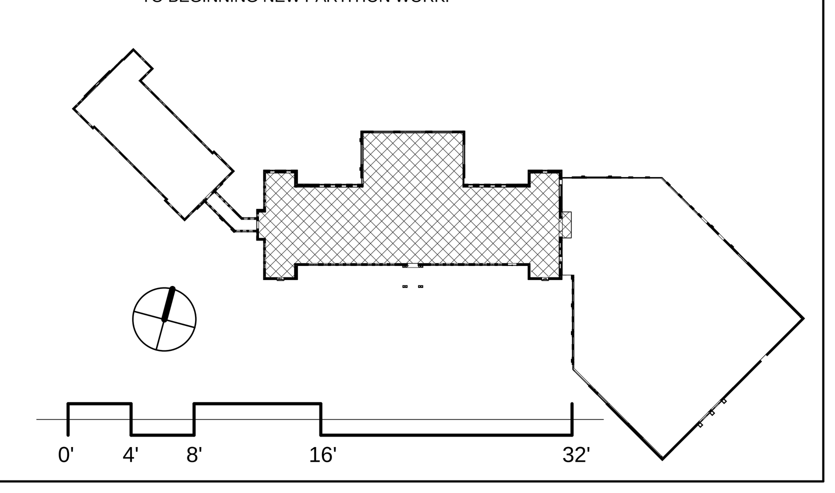
1 / A 114 BLDG B - L1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

BUILDING ALTERATION NOTES

1. FOLLOWING COMPLETION OF THE MAJORITY OF ARCHITECTURAL, MECHANICAL, ELECTRICAL, ETC. DEMOLITION OPERATIONS IN A-BLDG CONNECTOR AND B-BLDG--IN ALL PARTITIONS TO REMAIN, CONTRACTOR SHALL INFILL WITH MASONRY OF SAME THICKNESS AS PARTITION (PLASTER NOT REQ'D AT CONCEALED LOCATIONS) AT ALL OPENINGS THAT REMAIN AFTER REMOVAL OF PIPE, DUCTWORK, CONDUIT, ETC. THIS MUST BE COMPLETED PRIOR TO INSTALLATION OF NEW PIPE, DUCTWORK, CONDUIT, ETC.
2. AT EXISTING 3-1/2" (±) STRUCTURAL FLOOR SLAB DEPRESSION FOR EXISTING TERRAZZO AND WOOD FLOOR SYSTEMS, PROVIDE CEMENTITIOUS TOPPING (MIN 3000 PSI) WITH 6x6 W1.4xW1.4 MESH REINFORCING TO NEW FINISH FLOOR ELEVATION PRIOR TO BEGINNING NEW PARTITION WORK. (5)



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ANNAPOLIS, MD 21401

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Building #056
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
4	5/6/16	ADDENDUM 5
5	6/7/16	POST BID ADDENDUM

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

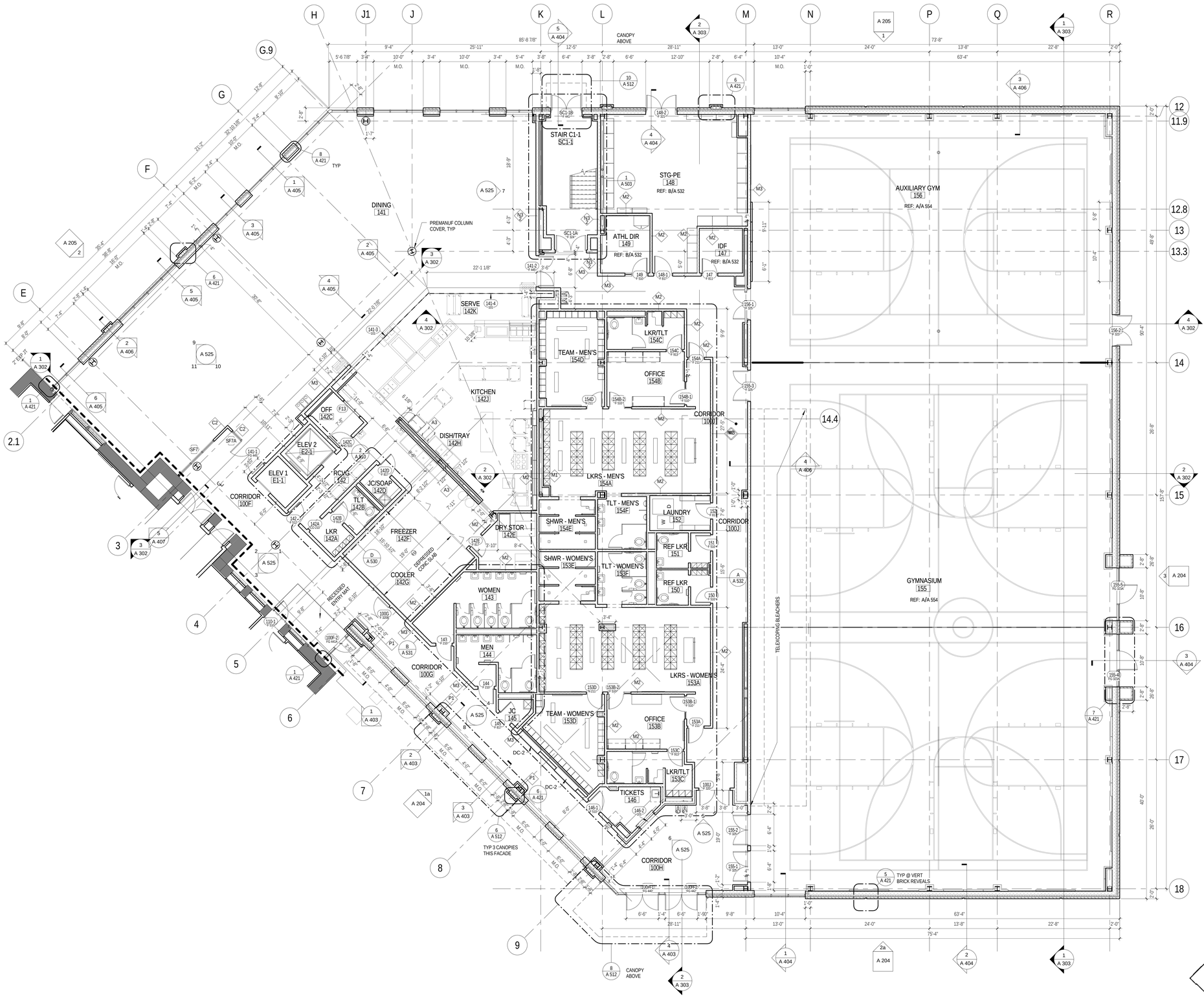
SCALE: As indicated

DRAWING NAME

BLDG B - LEVEL L1 FLOOR PLAN

A 114

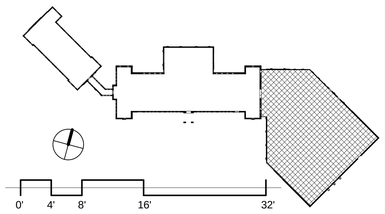
7/28/2016 4:11:50 PM



1 A 115 BLDG C - L1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE



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LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

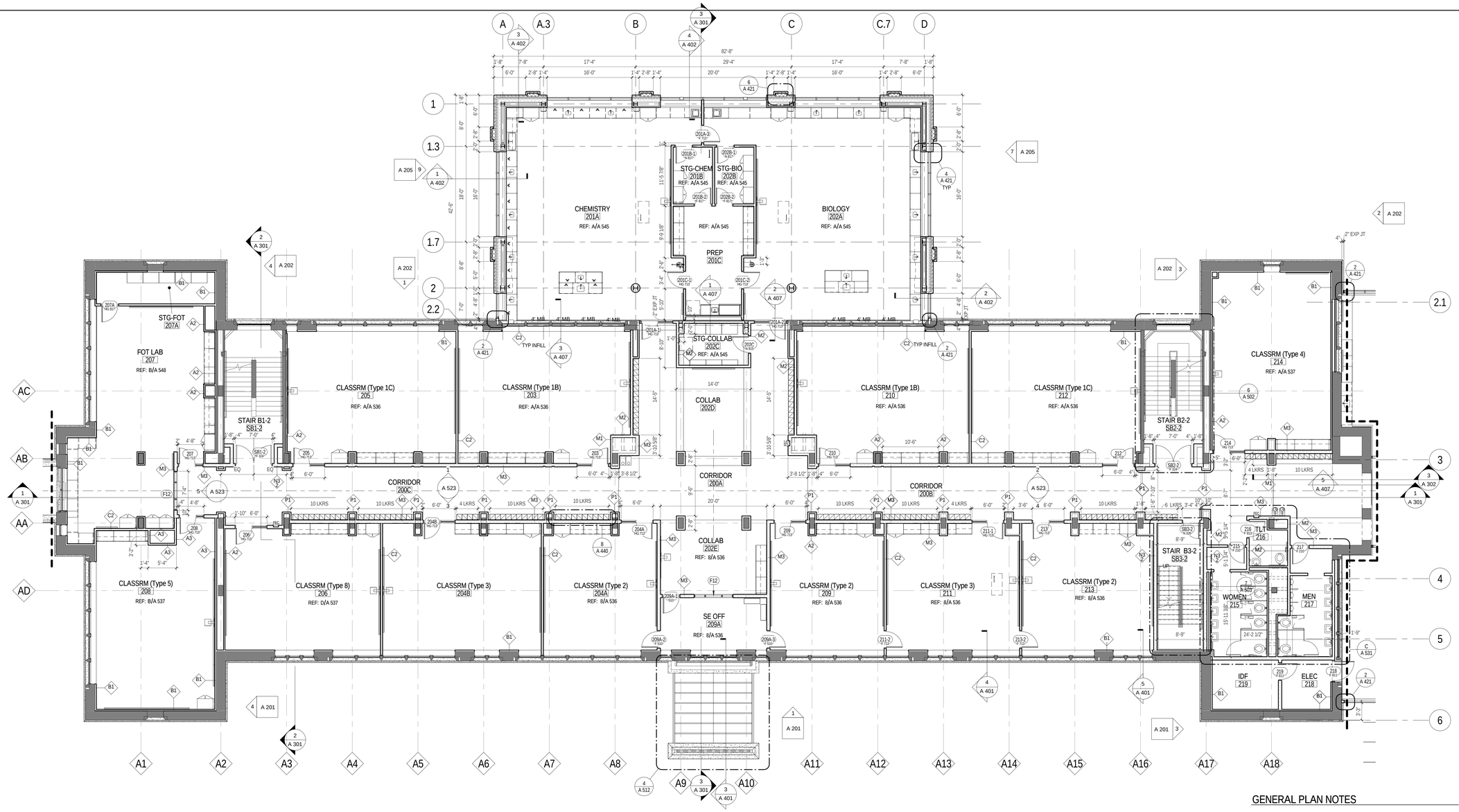
SCALE: As indicated

DRAWING NAME

BLDG C - LEVEL L1 FLOOR PLAN

A 115

7/28/2016 4:12:50 PM



1 A 116 BLDG B - L2 FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
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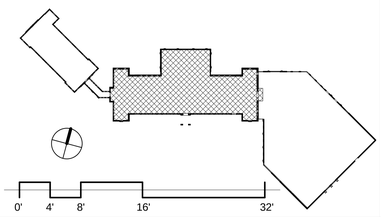
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

BUILDING ALTERATION NOTES

1. FOLLOWING COMPLETION OF THE MAJORITY OF ARCHITECTURAL, MECHANICAL, ELECTRICAL, ETC. DEMOLITION OPERATIONS IN A-BLDG CONNECTOR AND B-BLDG –IN ALL PARTITIONS TO REMAIN, CONTRACTOR SHALL INFILL WITH MASONRY OF SAME THICKNESS AS PARTITION (PLASTER NOT REQ'D AT CONCEALED LOCATIONS) AT ALL OPENINGS THAT REMAIN AFTER REMOVAL OF PIPE, DUCTWORK, CONDUIT, ETC. THIS MUST BE COMPLETED PRIOR TO INSTALLATION OF NEW PIPE, DUCTWORK, CONDUIT, ETC.
2. 5 AT EXISTING 3-1/2" (±) STRUCTURAL FLOOR SLAB DEPRESSION FOR EXISTING TERRAZZO AND WOOD FLOOR SYSTEMS, PROVIDE CEMENTITIOUS TOPPING (MIN 3000 PSI) WITH 6x6 W1.4xW1.4 MESH REINFORCING TO NEW FINISH FLOOR ELEVATION PRIOR TO BEGINNING NEW PARTITION WORK.



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LICENSE NO.: 8002
EXPIRATION DATE: 9/3/2017

No.	DATE	DESCRIPTION
5	6/7/16	POST BID ADDENDUM

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

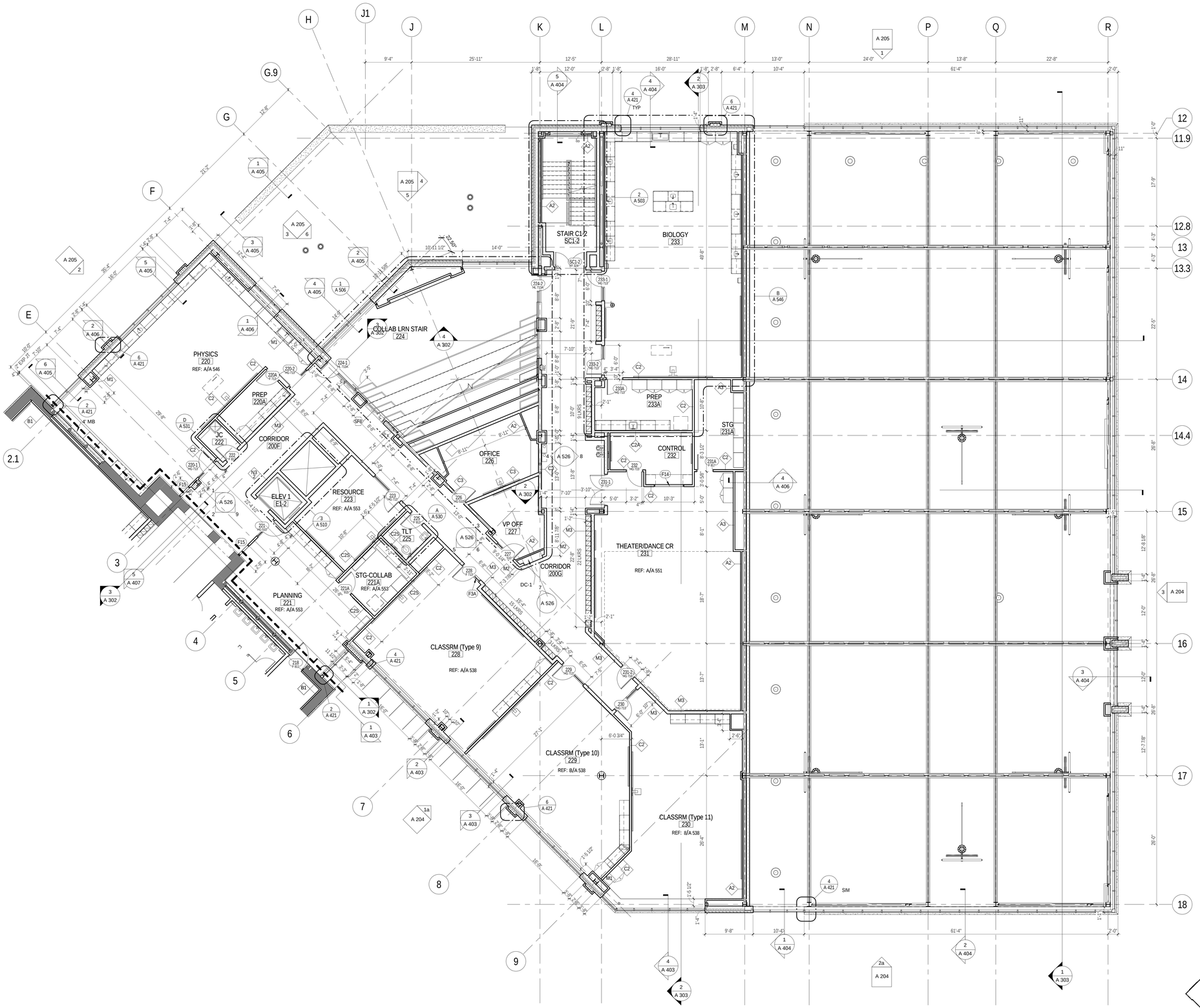
SCALE: As indicated

DRAWING NAME

BLDG B - LEVEL L2 FLOOR PLAN

A 116

7/28/2016 4:13:12 PM



1 A 117 BLDG C - L2 FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
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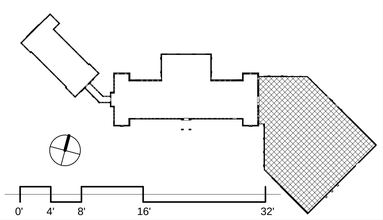
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE



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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

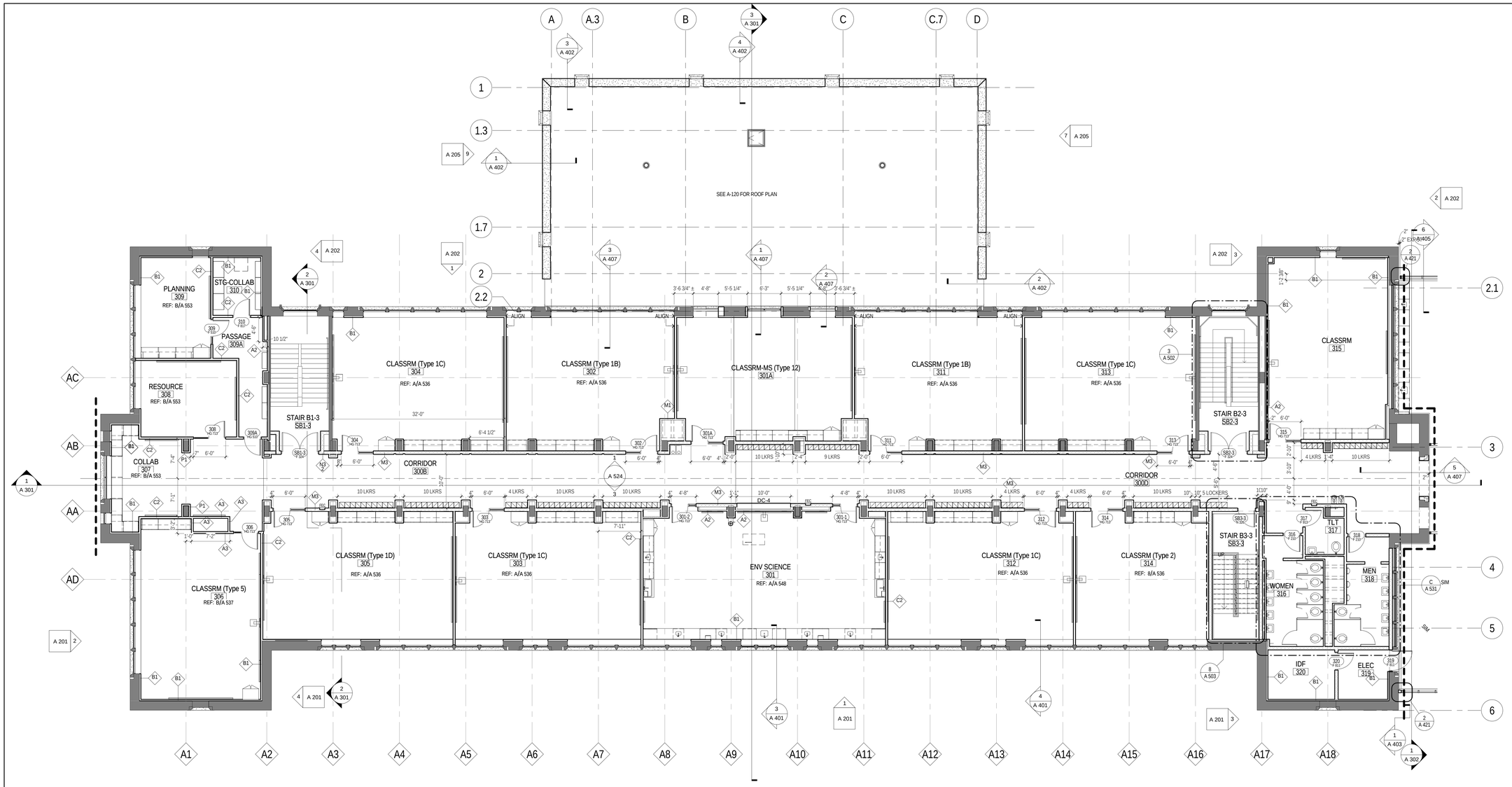
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

DRAWING NAME
BLDG C - LEVEL L2 FLOOR PLAN

A 117

7/28/2016 4:14:06 PM



1 / A 118 BLDG B - L3 FLOOR PLAN

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

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
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8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

BUILDING ALTERATION NOTES

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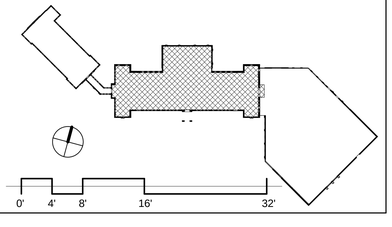

JRS ARCHITECTS

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
5	6/7/16	POST BID ADDENDUM

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

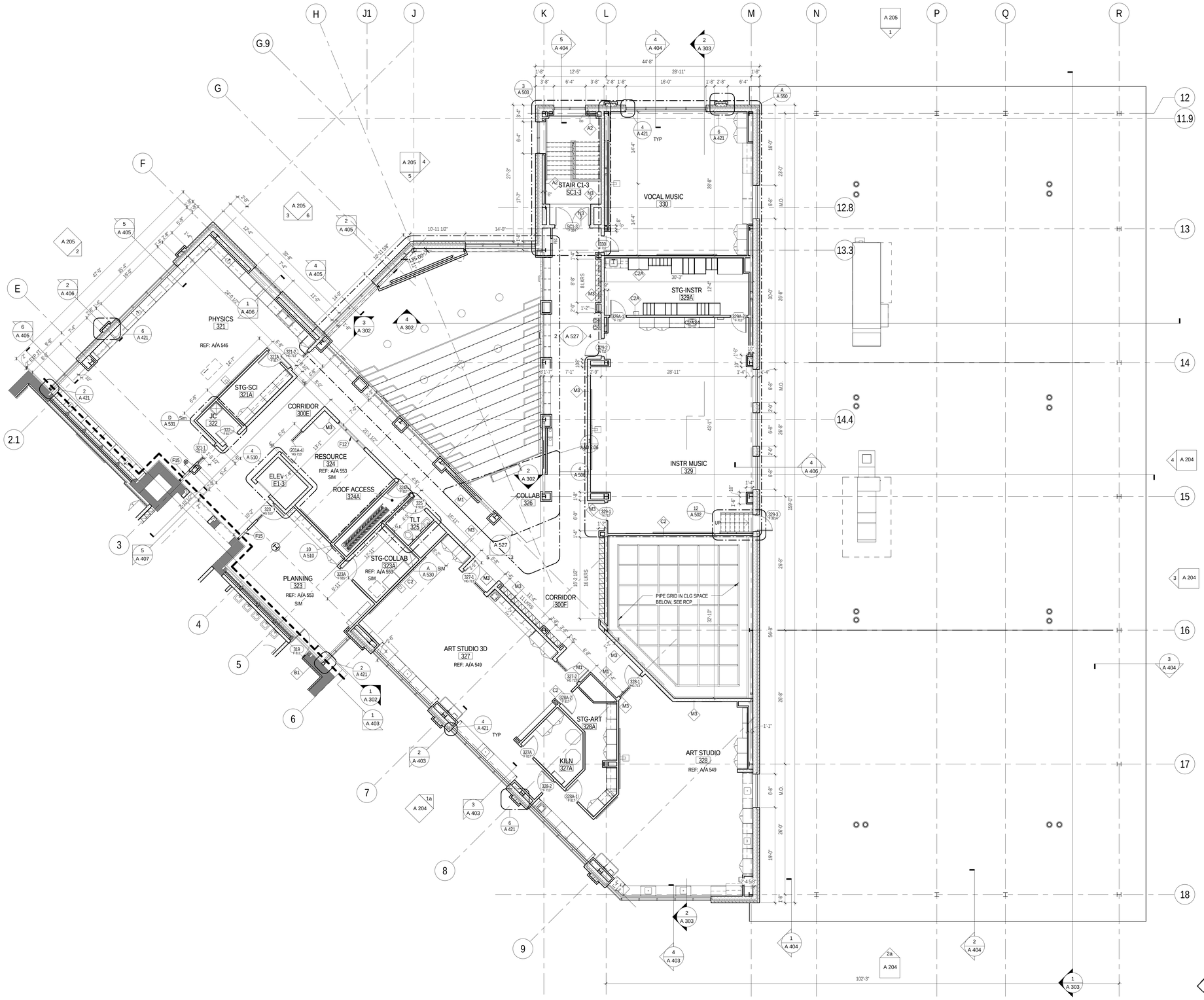
SCALE: As indicated

DRAWING NAME

BLDG B - LEVEL L3 FLOOR PLAN

A 118

7/28/2016 4:14:22 PM



1 A 119 BLDG C - L3 FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
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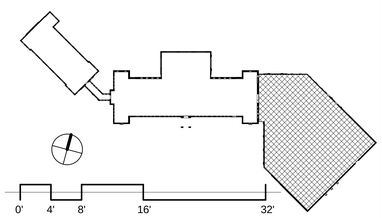

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LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

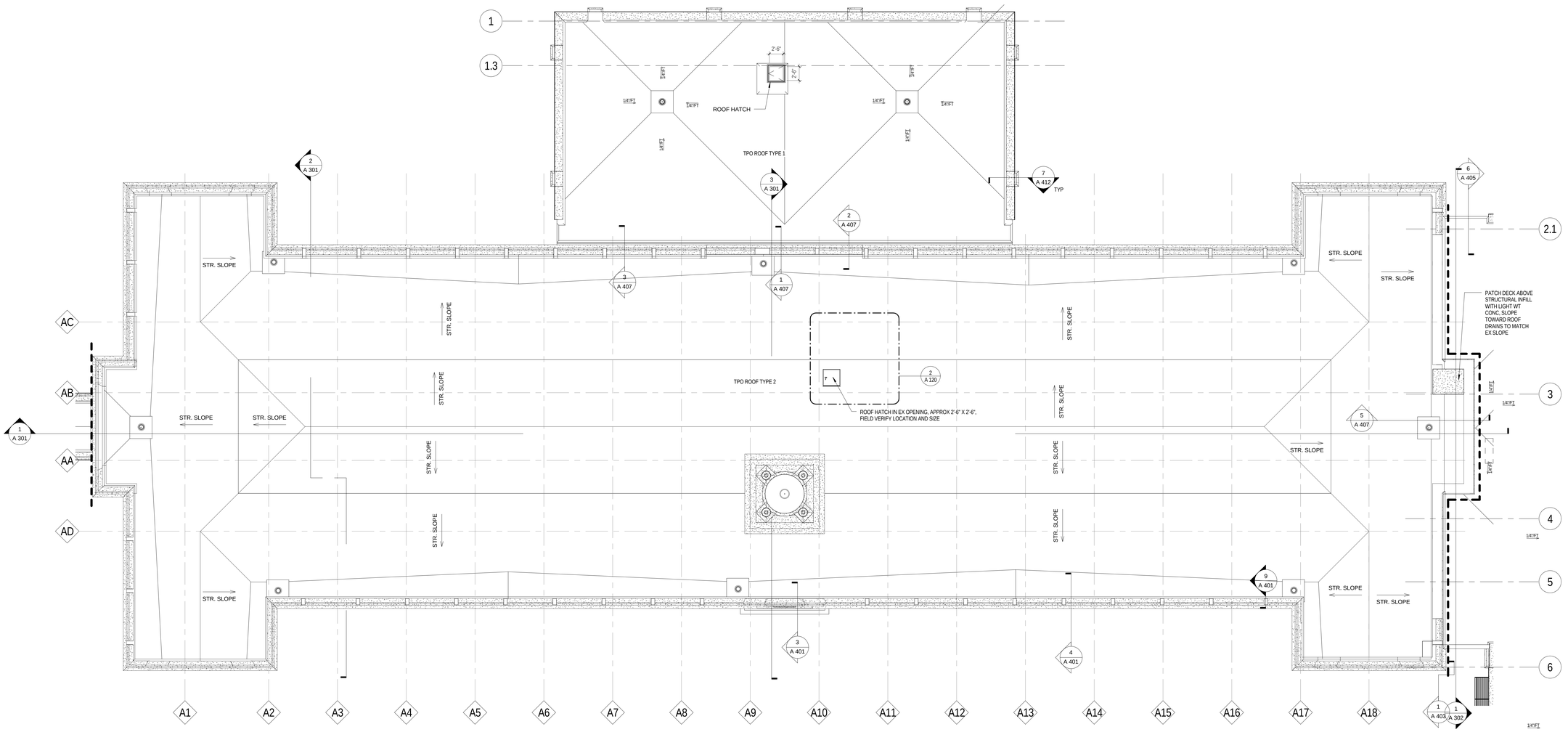
SCALE: As indicated

DRAWING NAME

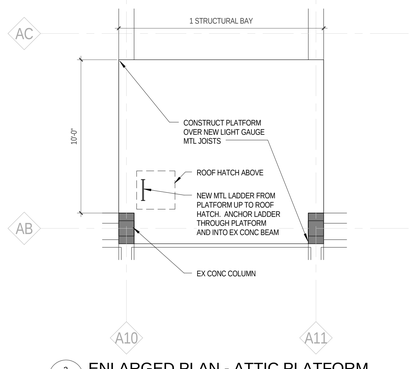
BLDG C - LEVEL L3 FLOOR PLAN

A 119

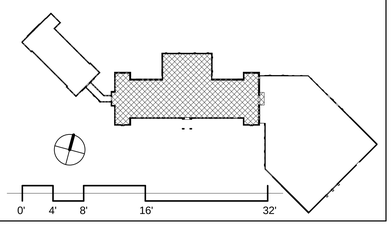
7/29/2016 4:15:10 PM



1 A 120 BLDG B - ROOF PLAN
SCALE: 1/8" = 1'-0"



2 A 120 ENLARGED PLAN - ATTIC PLATFORM
SCALE: 1/4" = 1'-0"



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49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

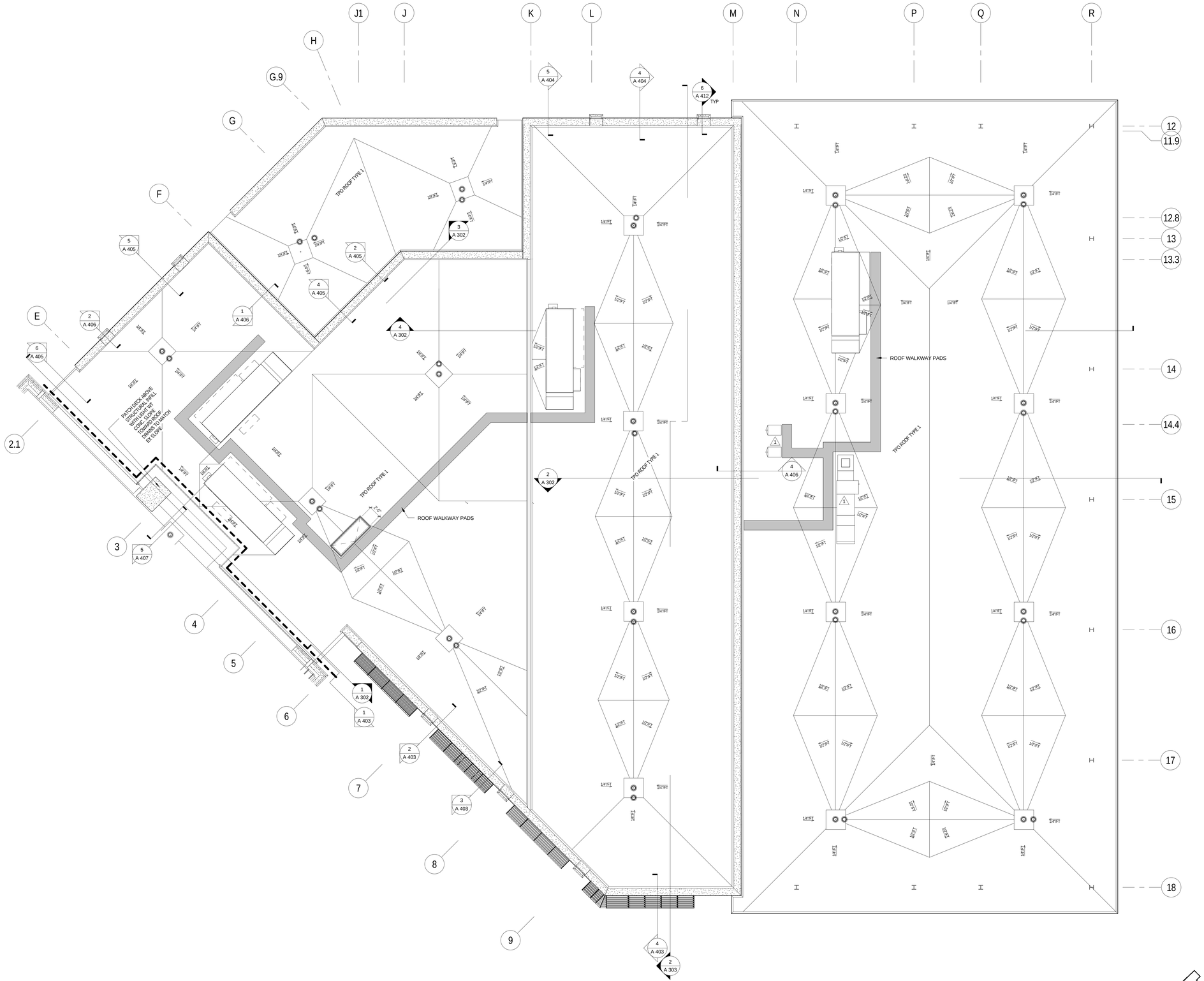
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

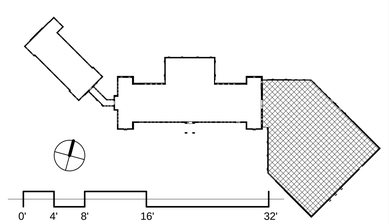
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
BLDG B - ROOF PLAN

A 120

7/28/2016 4:15:31 PM



1 A 121 BLDG C - ROOF PLAN
SCALE: 1/8" = 1'-0"



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MEP ENGINEER
BRINJAC ENGINEERING
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LICENSE NO.: 8002
EXPIRATION DATE: 6/30/2017

No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

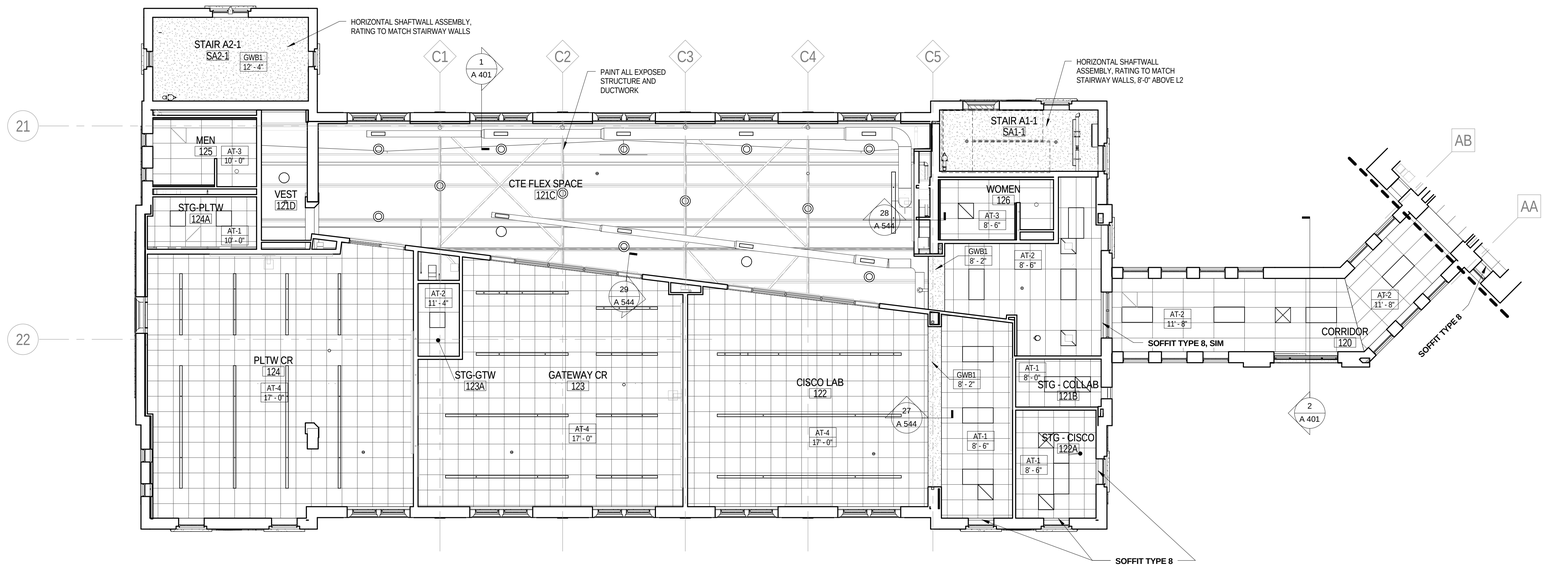
SCALE: As indicated

DRAWING NAME

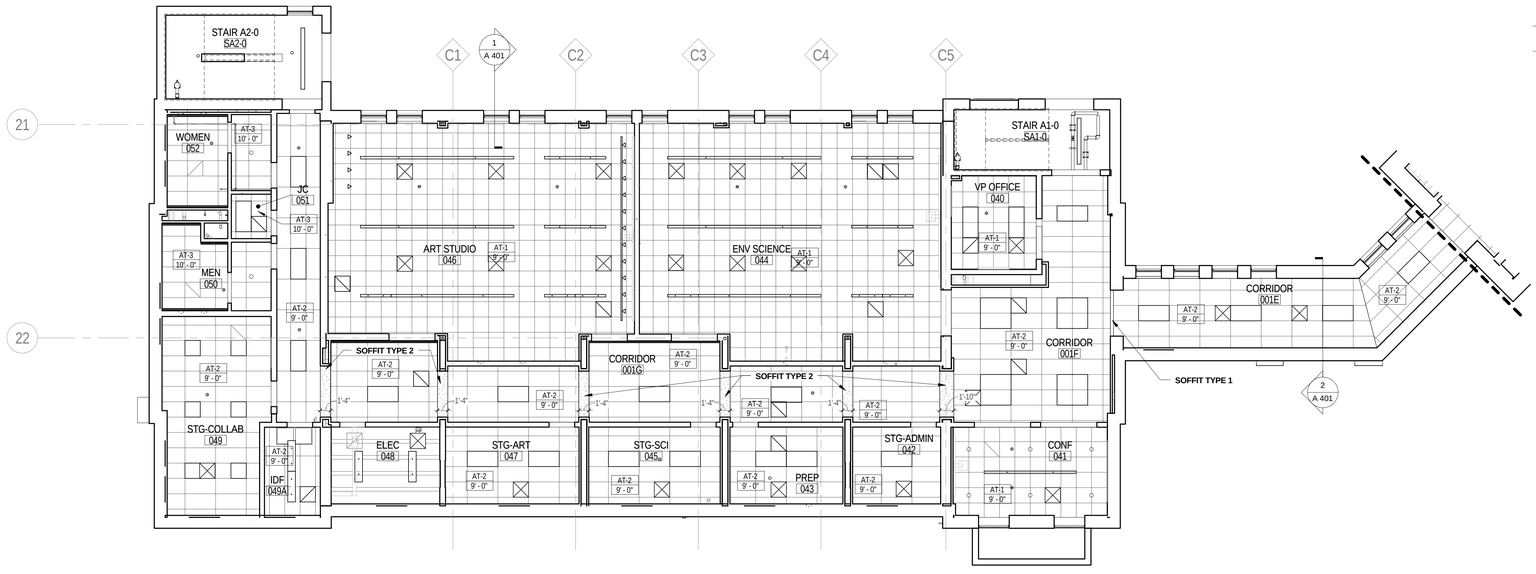
BLDG C - ROOF PLAN

A 121

7/28/2016 4:16:26 PM



2 A 130 BLDG A - L1 RCP
SCALE: 1/8" = 1'-0"



1 A 130 BLDG A - L0 RCP
SCALE: 1/8" = 1'-0"

RCP LEGEND

ACP-1 10'-0"	INDICATES CEILING TYPE AND HEIGHT ABOVE FINISHED FLOOR
	2 X 4 ACOUSTICAL CEILING TILE SYSTEM
	GWB CEILING FINISH
PAINTED STRUCTURE	INDICATES PAINTED EXPOSED STRUCTURE, REFERENCE SPECIFICATIONS FOR SURFACE PREPARATION REQUIREMENTS
	2x4 LIGHT FIXTURE (2X2 SIM), REFERENCE ELECTRICAL DRAWINGS
	RECESSED LIGHT FIXTURE, REFERENCE ELECTRICAL DRAWINGS
	SUPPLY AIR DIFFUSER, REFERENCE MECHANICAL DRAWINGS
	RETURN AIR GRILLE, REFERENCE MECHANICAL DRAWINGS

NOTES:

1. ELECTRICAL FIXTURES AND MECHANICAL INFORMATION SHOWN ON THIS DRAWING ARE FOR COORDINATION PURPOSES ONLY. REFERENCE ELECTRICAL AND MECHANICAL DRAWINGS FOR FIXTURE TYPES AND QUANTITIES. NOTIFY ARCHITECT WITH ANY CONFLICTS.
2. ALL CEILING TILE TO BE CENTERED IN ROOMS UNLESS NOTED OTHERWISE.
3. CEILING HEIGHTS REFERENCE ROOM FINISHED FLOOR ELEVATION UNLESS NOTED OTHERWISE.
4. CONTRACTOR TO PROVIDE CEILING EXPANSION JOINTS PER SPECIFICATION REQUIREMENTS AND MANUFACTURERS RECOMMENDATIONS AT ALL BUILDING EXPANSION JOINT LOCATIONS.
5. REFERENCE MECHANICAL DRAWINGS FOR CEILING MOUNTED DUCTS, PIPES, ETC.
6. IN ALL AREAS WITH EXPOSED ACOUSTICAL DECK, MECHANICAL FASTENERS ARE NOT TO EXTEND THROUH THE BOTTOM FLUTE OF THE DECK; FASTEN THROUGH TOP FLUTE ONLY.
7. ALL CEILING FIXTURES TO BE CENTERED ON CEILING TILE, UNO
8. SEE A 430 FOR DETAILS OF TYPICAL SOFFIT TYPES NOTED IN THE REFLECTED CEILING PLANS
9. ALL CEILINGS NOTED AS SLOPED SHALL BE TYPE "AT-1", UNO

0' 4' 8' 16' 32'

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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

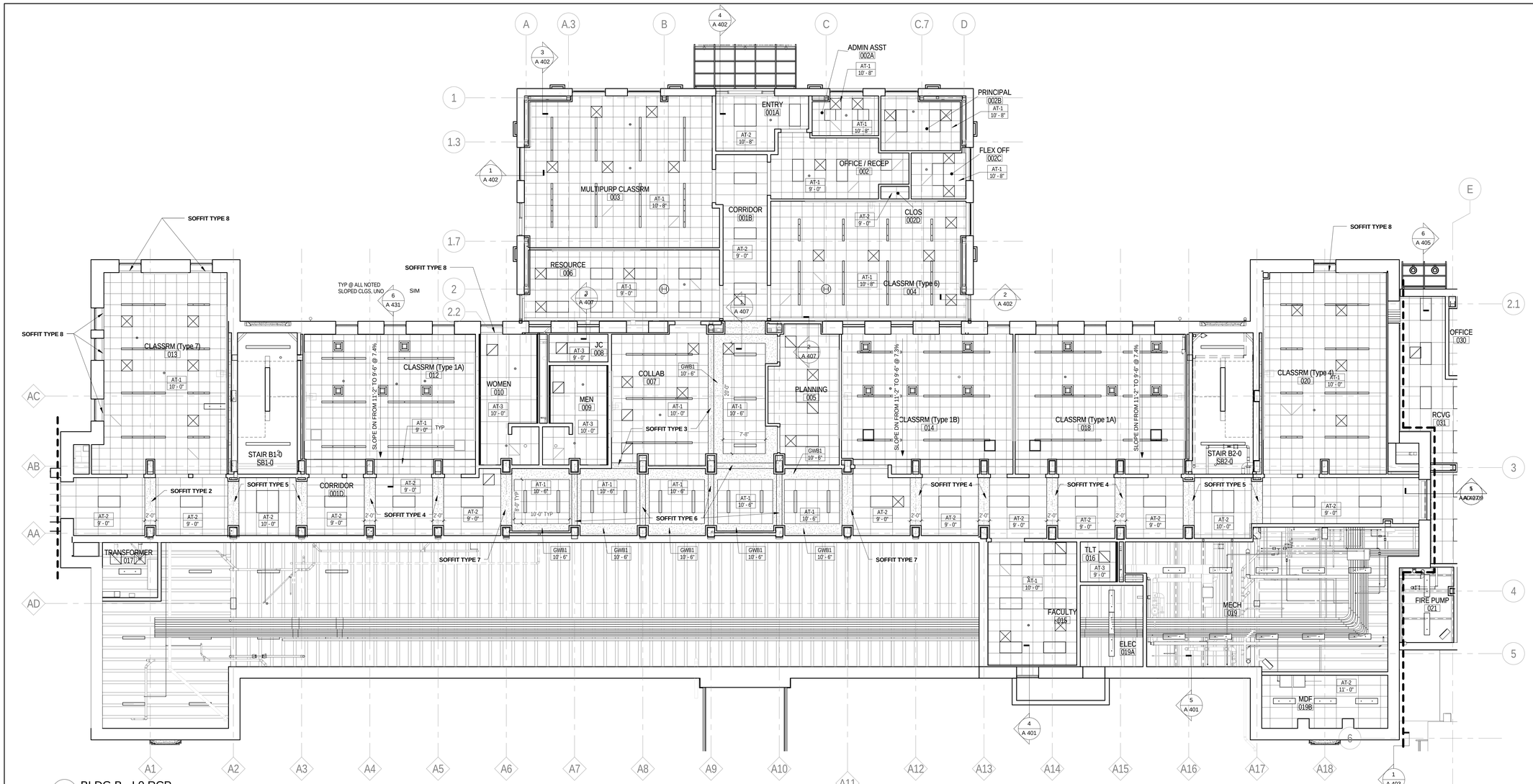
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

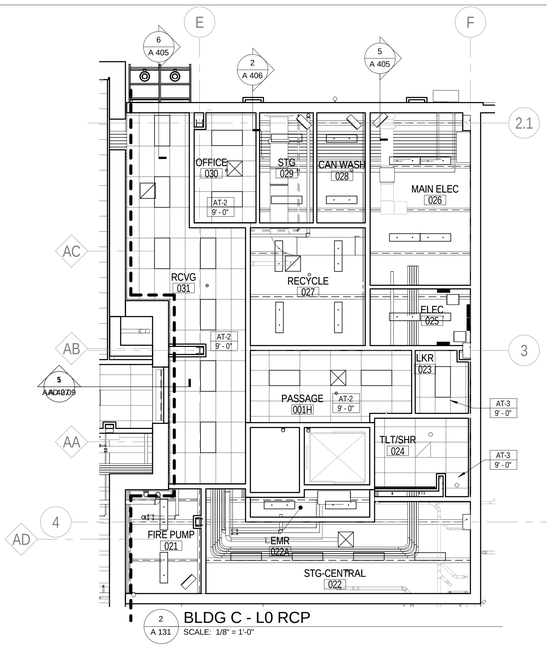
DRAWING NAME
BLDG A - LEVELS L0 & L1 REFLECTED CEILING PLAN

A 130

7/28/2016 4:16:55 PM



1 A 131 BLDG B - L0 RCP
SCALE: 1/8" = 1'-0"



2 A 131 BLDG C - L0 RCP
SCALE: 1/8" = 1'-0"

RCP LEGEND

ACP-1 10'-0"	INDICATES CEILING TYPE AND HEIGHT ABOVE FINISHED FLOOR
	2 X 4 ACOUSTICAL CEILING TILE SYSTEM
	GWB CEILING FINISH
PAINTED STRUCTURE	INDICATES PAINTED EXPOSED STRUCTURE, REFERENCE SPECIFICATIONS FOR SURFACE PREPARATION REQUIREMENTS
	2x4 LIGHT FIXTURE (2X2 SIM), REFERENCE ELECTRICAL DRAWINGS
	RECESSED LIGHT FIXTURE, REFERENCE ELECTRICAL DRAWINGS
	SUPPLY AIR DIFFUSER, REFERENCE MECHANICAL DRAWINGS
	RETURN AIR GRILLE, REFERENCE MECHANICAL DRAWINGS

NOTES:

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2. ALL CEILING TILE TO BE CENTERED IN ROOMS UNLESS NOTED OTHERWISE.
3. CEILING HEIGHTS REFERENCE ROOM FINISHED FLOOR ELEVATION UNLESS NOTED OTHERWISE.
4. CONTRACTOR TO PROVIDE CEILING EXPANSION JOINTS PER SPECIFICATION REQUIREMENTS AND MANUFACTURERS RECOMMENDATIONS AT ALL BUILDING EXPANSION JOINT LOCATIONS.
5. REFERENCE MECHANICAL DRAWINGS FOR CEILING MOUNTED DUCTS, PIPES, ETC.
6. IN ALL AREAS WITH EXPOSED ACOUSTICAL DECK, MECHANICAL FASTENERS ARE NOT TO EXTEND THROUH THE BOTTOM FLUTE OF THE DECK; FASTEN THROUGH TOP FLUTE ONLY.
7. ALL CEILING FIXTURES TO BE CENTERED ON CEILING TILE, UNO
8. SEE A 430 FOR DETAILS OF TYPICAL SOFFIT TYPES NOTED IN THE REFLECTED CEILING PLANS
9. ALL CEILINGS NOTED AS SLOPED SHALL BE TYPE "AT-1", UNO

0' 4' 8' 16' 32'

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LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

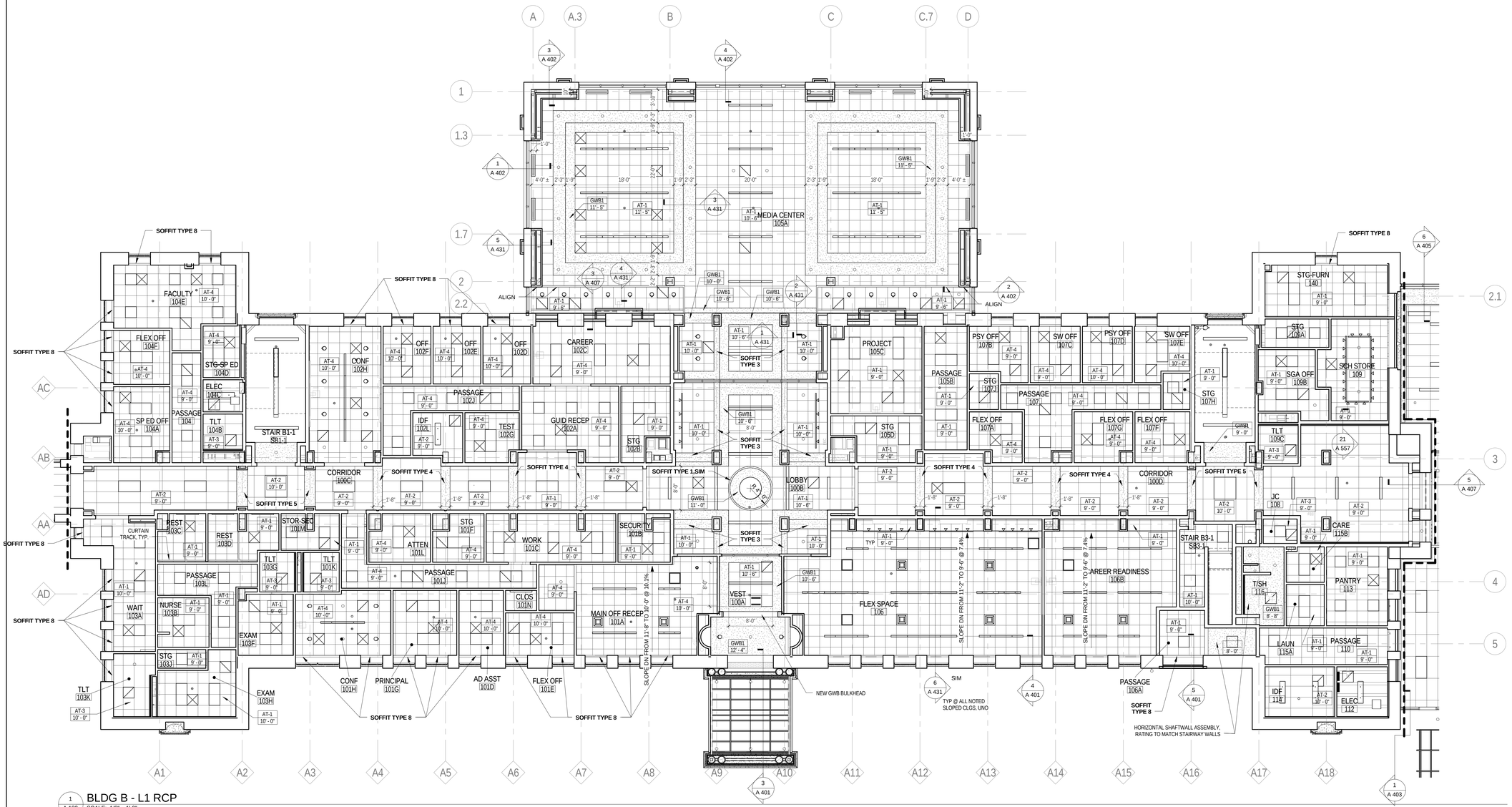
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

DRAWING NAME

BLDG B & C - LEVEL L0 REFLECTED CEILING PLANS

A 131

7/29/2016 4:17:19 PM



1 / A 133 BLDG B - L1 RCP
SCALE: 1/8" = 1'-0"

RCP LEGEND

ACP-1 10'-0"	INDICATES CEILING TYPE AND HEIGHT ABOVE FINISHED FLOOR
	2 X 4 ACOUSTICAL CEILING TILE SYSTEM
	GWB CEILING FINISH
PAINTED STRUCTURE	INDICATES PAINTED EXPOSED STRUCTURE, REFERENCE SPECIFICATIONS FOR SURFACE PREPARATION REQUIREMENTS
	2x4 LIGHT FIXTURE (2X2 SIM), REFERENCE ELECTRICAL DRAWINGS
	RECESSED LIGHT FIXTURE, REFERENCE ELECTRICAL DRAWINGS
	SUPPLY AIR DIFFUSER, REFERENCE MECHANICAL DRAWINGS
	RETURN AIR GRILLE, REFERENCE MECHANICAL DRAWINGS

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

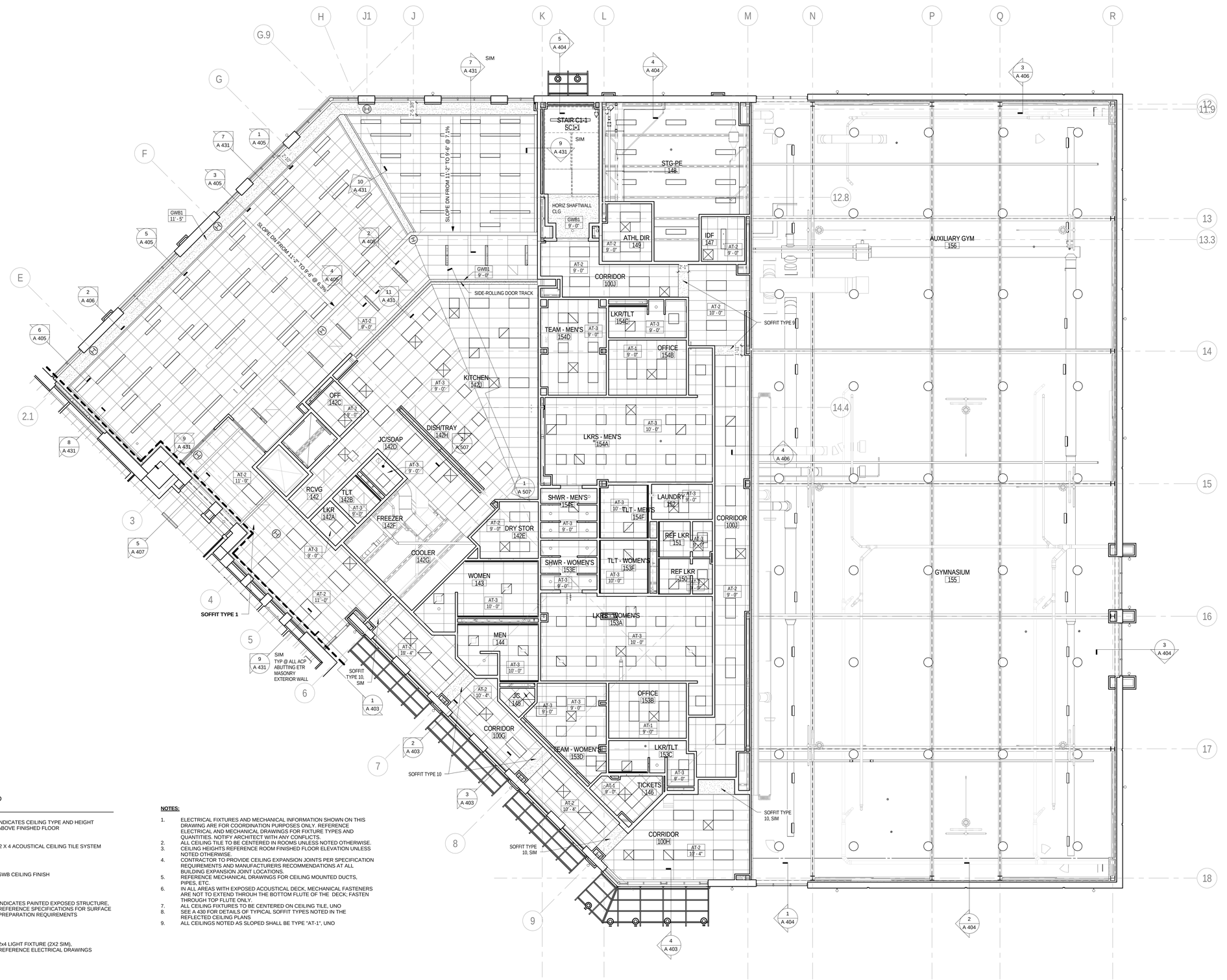
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

DRAWING NAME
BLDG B - LEVEL L1 REFLECTED CEILING PLAN

A 133

7/28/2016 4:17:40 PM



RCP LEGEND

ACP-1 10'-0"	INDICATES CEILING TYPE AND HEIGHT ABOVE FINISHED FLOOR
	2 X 4 ACOUSTICAL CEILING TILE SYSTEM
	GWB CEILING FINISH
PAINTED STRUCTURE	INDICATES PAINTED EXPOSED STRUCTURE, REFERENCE SPECIFICATIONS FOR SURFACE PREPARATION REQUIREMENTS
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1 A 134 BLDG C - L1 RCP
SCALE: 1/8" = 1'-0"

0' 4' 8' 16' 32'

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LICENSE NO.: 9002
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No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

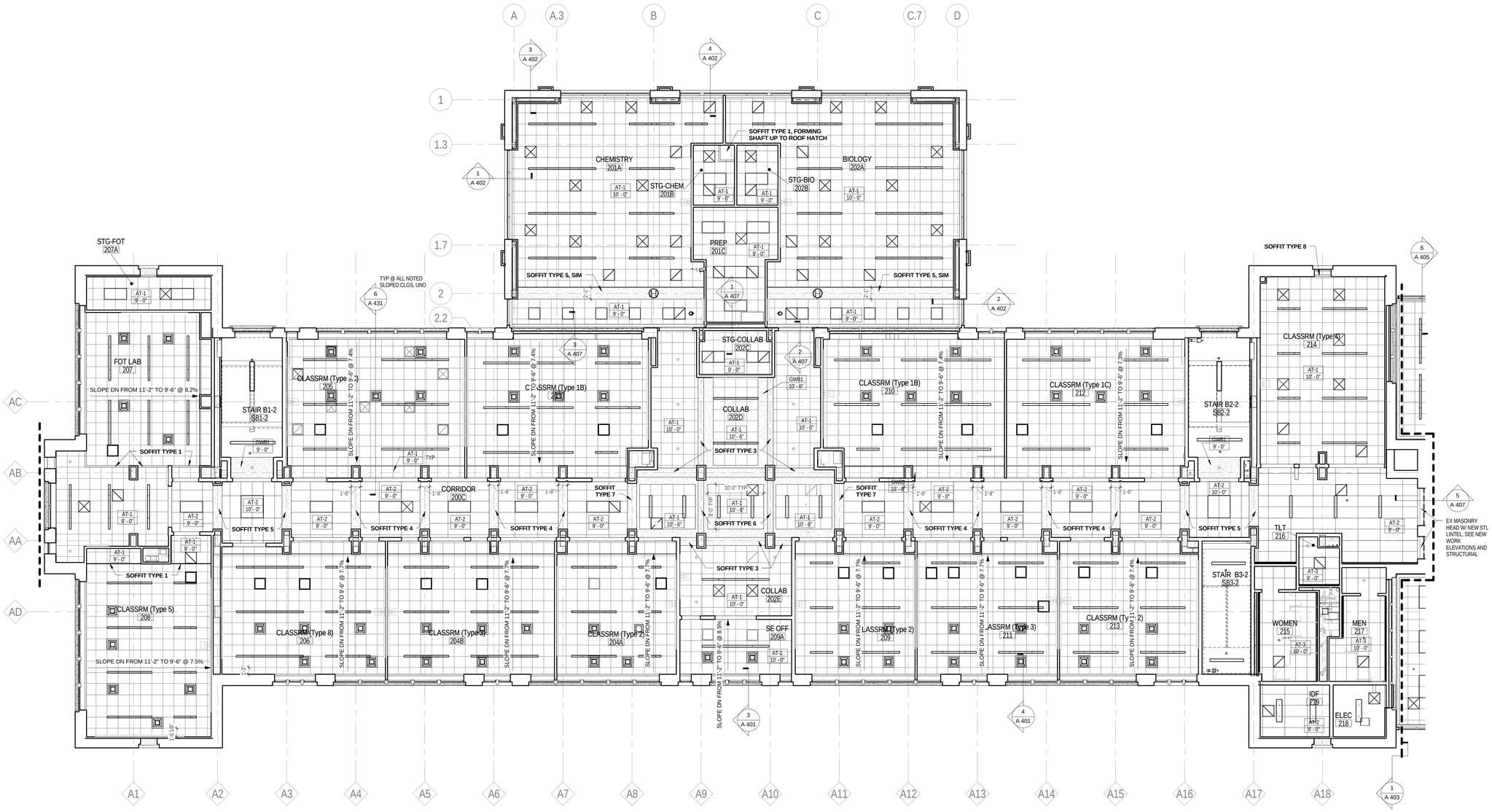
SCALE: As indicated

DRAWING NAME

BLDG C - LEVEL L1 REFLECTED CEILING PLAN

A 134

7/28/2016 4:19:54 PM



1 A 135 BLDG B - L2 RCP

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

RCP LEGEND

ACP-1 10'-0"	INDICATES CEILING TYPE AND HEIGHT ABOVE FINISHED FLOOR
	2 X 4 ACOUSTICAL CEILING TILE SYSTEM
	GWB CEILING FINISH
PAINTED STRUCTURE	INDICATES PAINTED EXPOSED STRUCTURE, REFERENCE SPECIFICATIONS FOR SURFACE PREPARATION REQUIREMENTS
	2x4 LIGHT FIXTURE (2X2 SIM), REFERENCE ELECTRICAL DRAWINGS
	RECESSED LIGHT FIXTURE, REFERENCE ELECTRICAL DRAWINGS
	SUPPLY AIR DIFFUSER, REFERENCE MECHANICAL DRAWINGS
	RETURN AIR GRILLE, REFERENCE MECHANICAL DRAWINGS

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8. SEE A 430 FOR DETAILS OF TYPICAL SOFFIT TYPES NOTED IN THE REFLECTED CEILING PLANS
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0' 4' 8' 16' 32'

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LICENSE NO.: 9982
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

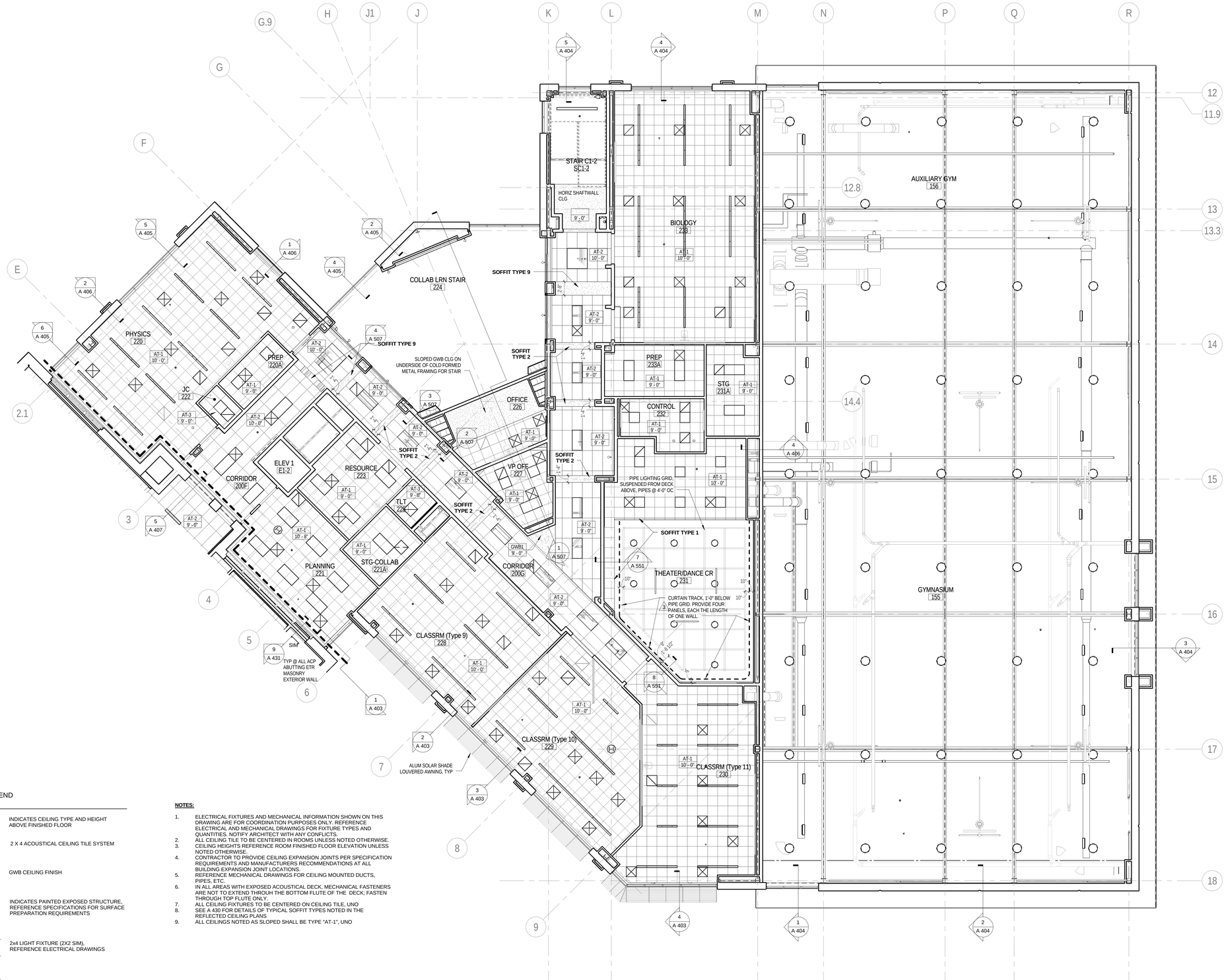
SCALE: As indicated

DRAWING NAME

BLDG B - LEVEL L2 REFLECTED CEILING PLAN

A 135

7/28/2016 4:20:14 PM



RCP LEGEND

ACP-1 10'-0"	INDICATES CEILING TYPE AND HEIGHT ABOVE FINISHED FLOOR
	2 X 4 ACOUSTICAL CEILING TILE SYSTEM
	GWB CEILING FINISH
PAINTED STRUCTURE	INDICATES PAINTED EXPOSED STRUCTURE, REFERENCE SPECIFICATIONS FOR SURFACE PREPARATION REQUIREMENTS
	2x4 LIGHT FIXTURE (2X2 SIM), REFERENCE ELECTRICAL DRAWINGS
	RECESSED LIGHT FIXTURE, REFERENCE ELECTRICAL DRAWINGS
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	RETURN AIR GRILLE, REFERENCE MECHANICAL DRAWINGS

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3. CEILING HEIGHTS REFERENCE ROOM FINISHED FLOOR ELEVATION UNLESS NOTED OTHERWISE.
4. CONTRACTOR TO PROVIDE CEILING EXPANSION JOINTS PER SPECIFICATION REQUIREMENTS AND MANUFACTURERS RECOMMENDATIONS AT ALL BUILDING EXPANSION JOINT LOCATIONS.
5. REFERENCE MECHANICAL DRAWINGS FOR CEILING MOUNTED DUCTS, PIPES, ETC.
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7. ALL CEILING FIXTURES TO BE CENTERED ON CEILING TILE, UNO
8. SEE A 430 FOR DETAILS OF TYPICAL SOFFIT TYPES NOTED IN THE REFLECTED CEILING PLANS
9. ALL CEILINGS NOTED AS SLOPED SHALL BE TYPE "AT-1", UNO

1 A 136 BLDG C - L2 RCP
SCALE: 1/8" = 1'-0"

0' 4' 8' 16' 32'

JRS ARCHITECTS
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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION
3	5/3/16	ADDENDUM 4

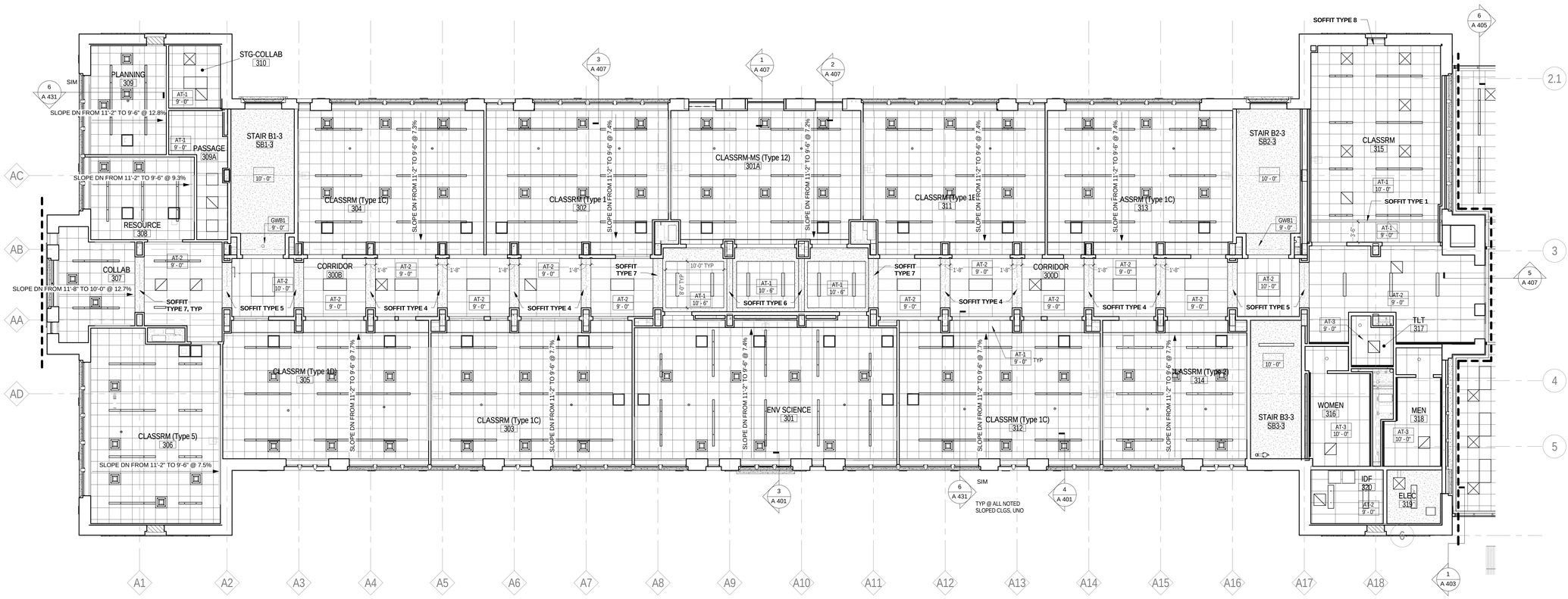
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

DRAWING NAME
BLDG C - LEVEL L2 REFLECTED CEILING PLAN

A 136

7/28/2016 4:21:46 PM



1 / A 137 BLDG B - L3 RCP
SCALE: 1/8" = 1'-0"

RCP LEGEND

ACP-1 10'-0"	INDICATES CEILING TYPE AND HEIGHT ABOVE FINISHED FLOOR
	2 X 4 ACOUSTICAL CEILING TILE SYSTEM
	GWB CEILING FINISH
PAINTED STRUCTURE	INDICATES PAINTED EXPOSED STRUCTURE, REFERENCE SPECIFICATIONS FOR SURFACE PREPARATION REQUIREMENTS
	2x4 LIGHT FIXTURE (2X2 SIM), REFERENCE ELECTRICAL DRAWINGS
	RECESSED LIGHT FIXTURE, REFERENCE ELECTRICAL DRAWINGS
	SUPPLY AIR DIFFUSER, REFERENCE MECHANICAL DRAWINGS
	RETURN AIR GRILLE, REFERENCE MECHANICAL DRAWINGS

NOTES:

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0' 4' 8' 16' 32'

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EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

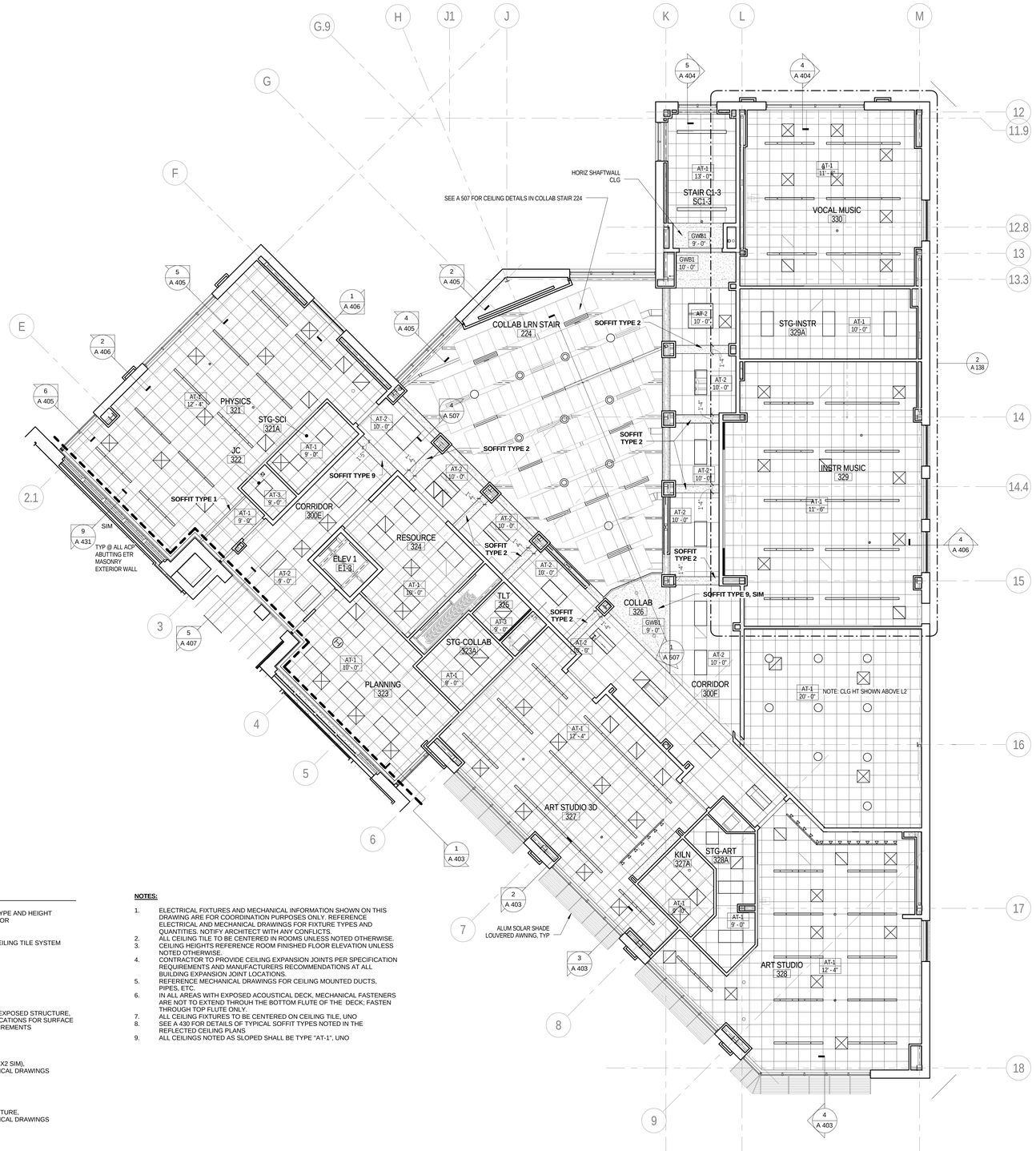
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

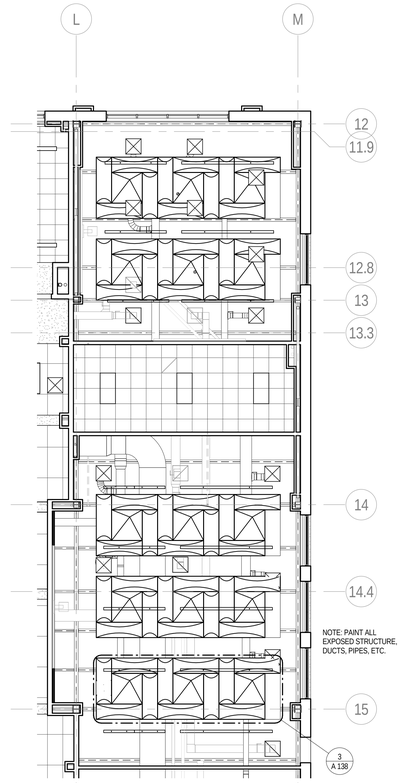
DRAWING NAME
BLDG B - LEVEL L3 REFLECTED CEILING PLAN

A 137

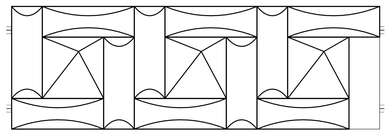
7/28/2016 4:22:08 PM



1 A 138 BLDG C - L3 RCP
SCALE: 1/8" = 1'-0"



2 A 138 ALT A-A11 MUSIC ROOM ACOUSTICS
SCALE: 1/8" = 1'-0"



3 A 138 CEILING PANEL ASSEMBLY, TYP
SCALE: 1/4" = 1'-0"

RCP LEGEND

- ACP-1 10'-0" — INDICATES CEILING TYPE AND HEIGHT ABOVE FINISHED FLOOR
- 2 X 4 ACOUSTICAL CEILING TILE SYSTEM
- GWB CEILING FINISH
- PAINTED STRUCTURE — INDICATES PAINTED EXPOSED STRUCTURE, REFERENCE SPECIFICATIONS FOR SURFACE PREPARATION REQUIREMENTS
- 2x4 LIGHT FIXTURE (2X2 SIM), REFERENCE ELECTRICAL DRAWINGS
- RECESSED LIGHT FIXTURE, REFERENCE ELECTRICAL DRAWINGS
- SUPPLY AIR DIFFUSER, REFERENCE MECHANICAL DRAWINGS
- RETURN AIR GRILLE, REFERENCE MECHANICAL DRAWINGS

NOTES:

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SPECIALTY ACOUSTIC CEILING PANEL (AT-5) SCHEDULE - ALT A-A11

Type Mark	Family and Type	Manufacturer	Type Comments	Description
1	CC-Panel: 6'x2'	Wenger Corperation	Convex Ceiling Diffuser	Lay-in
2	CC-Panel: 2'x6'	Wenger Corperation	Convex Ceiling Diffuser	Lay-in
3	CP-Panel: 4'x4'	Wenger Corperation	Pyramidal Ceiling Diffuser	Lay-in
M	11 Mirror_with_Board er_12900: Mirror_with_Board er_12900			

0' 4' 8' 16' 32'

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EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

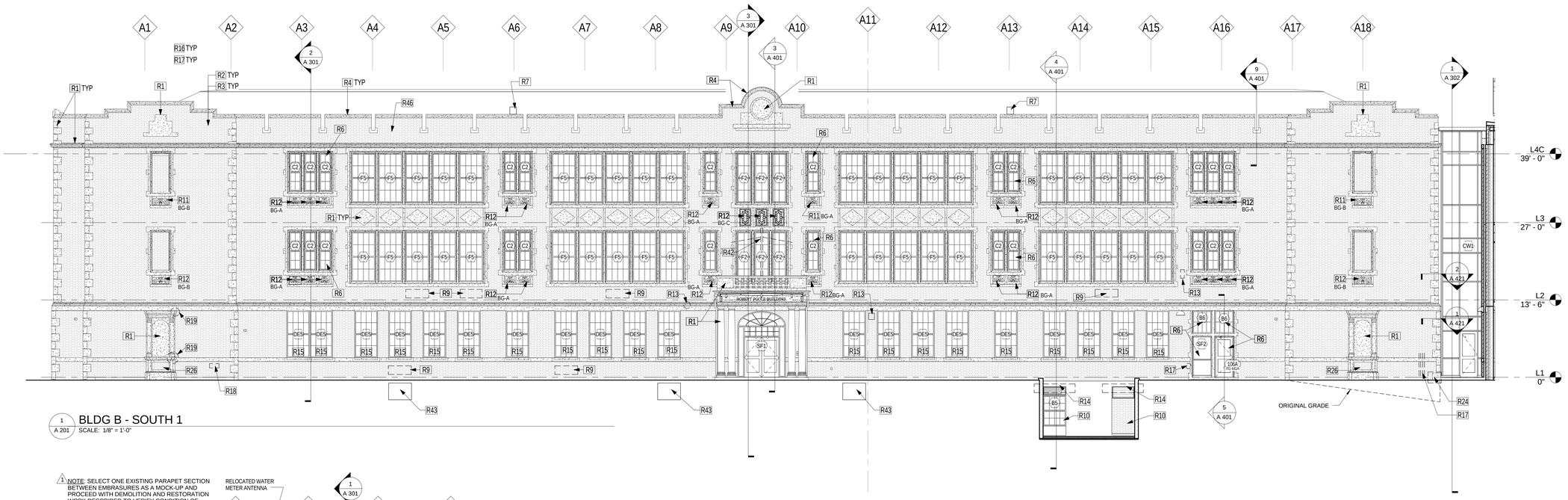
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

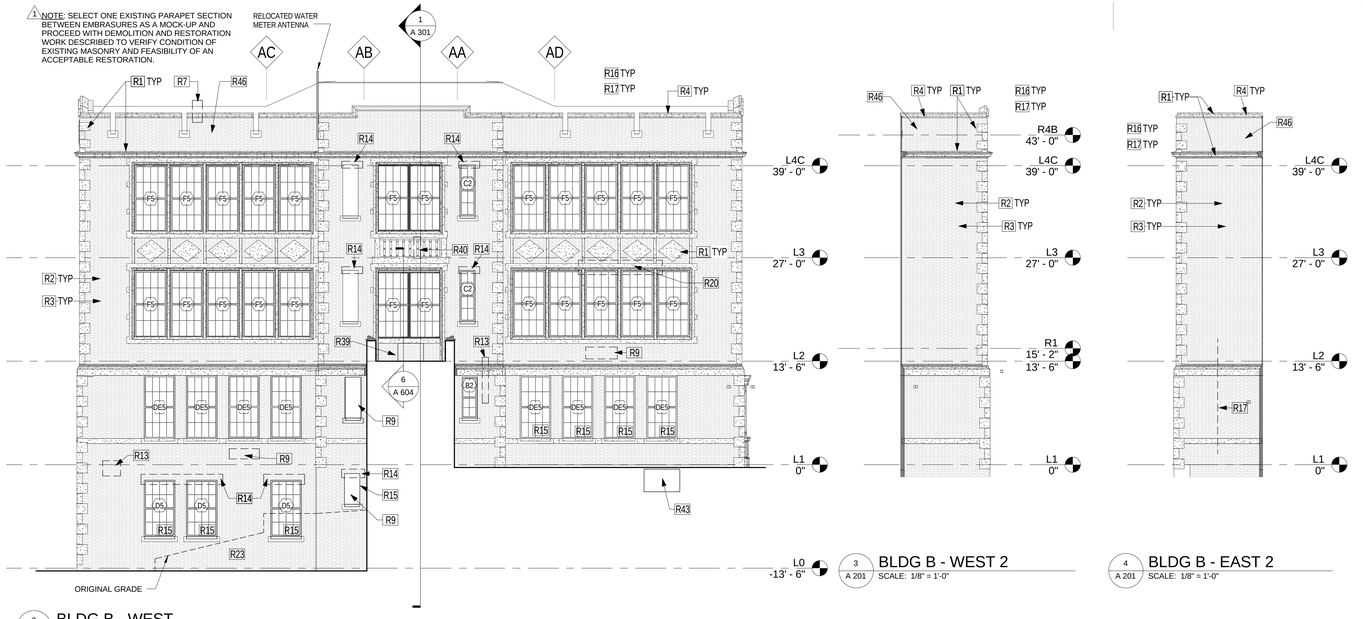
DRAWING NAME
BLDG C - LEVEL L3 REFLECTED CEILING PLAN

A 138

7/28/2016 4:23:09 PM



1 A 201 BLDG B - SOUTH 1
SCALE: 1/8" = 1'-0"



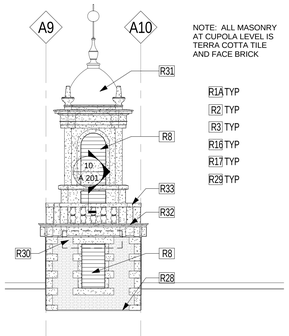
2 A 201 BLDG B - WEST
SCALE: 1/8" = 1'-0"

3 A 201 BLDG B - WEST 2
SCALE: 1/8" = 1'-0"

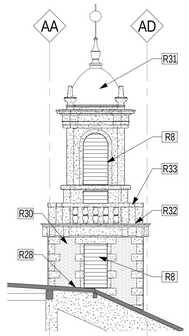
4 A 201 BLDG B - EAST 2
SCALE: 1/8" = 1'-0"

Keynote Legend	
Mark	Keynote Text
R1	TYPICAL – at all existing Cast Stone Masonry to remain and exposed either on exterior or interior, clean by soda blasting per Historic Masonry Cleaning specifications. Remove any remaining stains or discoloration after blasting by additional methods described in masonry cleaning specifications. Fill holes and repair defects per the Historic Stone Masonry Repair specification. Repoint all cast stone to cast stone joints per Historic Stone Masonry Repointing specifications to match existing mortar color.
R1A	At all existing Terra Cotta Masonry to remain, clean with specified cleaning agent per Historic Masonry Cleaning specifications. Remove any remaining coatings, stains or discoloration by additional methods described in masonry cleaning specifications. Repoint all terra cotta to terra cotta joints per Historic Masonry Repointing specifications to match existing terra cotta units.
R2	TYPICAL – at all existing Brick Masonry to remain and exposed either on exterior or interior, clean by soda blasting per Historic Masonry Cleaning specifications. Remove any paint, stains or discoloration remaining in brick masonry after cleaning by using additional methods described in Masonry Cleaning specifications. Fill holes, repair defects, replace cracked or spalled brick per the Historic Unit Masonry Repair specification
R3	TYPICAL – repoint Brick Masonry to remain and exposed either on exterior or interior at all cracked or deteriorated mortar joints as generally indicated on the elevation drawings and per the Historic Unit Masonry Repointing specifications to match existing mortar color. Allow for repointing 4,000 SF of the existing exterior brick wall to remain.
R4	Remove all existing coping stone (including conduit, etc.), and flashing. Prepare and install new flashing and coping stone per detail 1/A 401 (BLDG A) AND 4/A 401 (BLDG B).
R6	Carefully remove existing window or door infill masonry and prepare rough opening to receive new window or door installation. Salvage, clean, prepare for re-use and store face brick as required to complete new construction in the existing buildings. Allow for a minimum of 2,100 bricks.
R7	Remove existing site lighting floodlight fixture. Fill holes in brick and remove any paint or staining in brick.
R8	Clean existing copper louver and repair any damage per Historic Decorative Metal Cleaning and Historic Decorative Metal Repair specifications. Reseal at perimeter and provide bird new screen. Screen to be stainless steel welded wire mesh ½" x ½" x 16ga.
R9	Remove existing louver, vent, or access door and infill with brick to match adjacent.
R10	At existing light wells to be reconstructed, clean exposed masonry and repoint as required per Historic Masonry Cleaning, Repair, and Repointing Specifications. Clean, remove rust, and paint steel lintel above window or louver opening. Replace existing window or louver as detailed on the drawings. Provide new light well construction per detail 4/A 401.
R11	Remove, clean, repair and reinstall existing bronze grille per Historic Decorative Metal Cleaning and Repair specifications. Seal around perimeter.
R12	Remove brick or plywood infill at location of missing bronze grille and prepare for installation of new reproduction grille. Remove one existing grille of each type for use as a pattern. Fabricate, install and seal around perimeter of new grille. Refer to Historic Decorative Metal Replication specifications.
R13	Remove existing camera or bell or bracket, etc. Fill holes and remove paint and rust per Historic Masonry Cleaning specification requirements

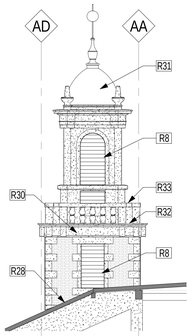
Keynote Legend	
Mark	Keynote Text
R14	At existing steel lintels completely remove paint and rust, prime with rust inhibitive primer and paint with two finish coats per specification requirements. Also remove window guard hinge knuckles where applicable.
R15	Repair damage, remove rust, and paint and fill holes at removed window guards.
R16	TYPICAL – remove all existing exterior sealant joints and prepare and replace with new sealant and backer rod per specification requirements.
R17	TYPICAL – remove all existing exterior clips, fasteners, pipes, conduits, brackets, signage, etc. not otherwise indicated to remain. Fill all holes and remove paint and rust as required per Historic Masonry Cleaning specification requirements.
R18	Remove existing Siamese fire department connection and turn over to Owner.
R19	Repair or replace broken cast stone element.
R20	Repair two cracked cast stone window lintels.
R23	Within the area indicated exterior masonry work that was once below grade will now be exposed: Patch any voids with salvaged existing brick per Historic Brick Unit Masonry Unit specification. Clean brick per Historic Masonry Cleaning specifications and repoint per Historic Brick Unit Masonry Repointing specification.
R24	Carefully remove existing date stone. Fill void with masonry and waterproofing. Reinstall date stone where directed by Architect.
R26	Remove existing infill and provide salvaged masonry infill per detail 10/A 203.
R28	Remove existing base flashing, coating, etc. at roof membrane and provide new as part of new roof membrane installation.
R29	At terra cotta units with unacceptable surface coating erosion (allow for 25%), remove loose and flaking surface, prepare surface and field-coat terra cotta unit per Historic Masonry Repair specifications. Do not coat mortar joints.
R30	Remove all spalled loose pieces of terra cotta tile and at broken corners of tile, prepare and restore per Historic Masonry Repair specifications.
R31	Clean existing copper dome and repair any damage per Historic Decorative Metal Cleaning and Historic Decorative Metal Repair specifications. Reseal at perimeter and at any required copper to copper joints.
R32	Remove existing copper flashing/roof membrane from horizontal surface between balustrade and vertical terra cotta louver housing. Remove bituminous coating, sealant, etc. and replace membrane with new 20 oz. copper fabricated with soldered joints to match original installation.
R33	Following completion of balustrade restoration, provide a new 4" stainless steel channel back-up brace at backside of upper balustrade rail (4 thus). Refer to detail 10/A 201.
R39	Alter existing opening or provide new opening to configuration shown on architectural drawings using new or salvaged brick toothed-in to match adjacent construction with new lintels and sills as required.
R40	Replace broken cast stone spindle with similar item salvaged from east facade of Bldg B.
R42	Remove existing wall mounted flag pole and associated brackets, etc. Fill holes and remove paint and rust per Historic Masonry Cleaning specification requirements.
R43	Remove existing window or louver and infill with salvaged face brick per detail 10/A 203. At exposed face brick that was previously below grade and where light wells were demolished refer to Historic Masonry Cleaning, Repair, and Repointing Specifications. Where infill is entirely below grade, infill w/ CMU and provide waterproofing per detail 5/A 401.
R46	Repoint all brick masonry to remain at the parapet (between existing cast stone water table and new parapet cap) per the Historic Unit Masonry Repointing specifications to match existing mortar color (not included in 4,000 SF Brick allowance).



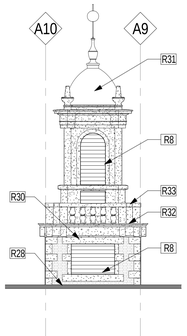
5 A 201 CUPOLA - SOUTH
SCALE: 1/8" = 1'-0"



6 A 201 CUPOLA - WEST
SCALE: 1/8" = 1'-0"



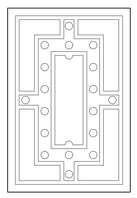
7 A 201 CUPOLA - EAST
SCALE: 1/8" = 1'-0"



8 A 201 CUPOLA - NORTH
SCALE: 1/8" = 1'-0"

GRILLE TYPE A "BG-A"

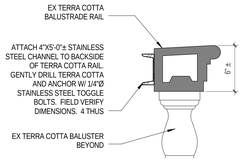
GRILLE TYPE B "BG-B"



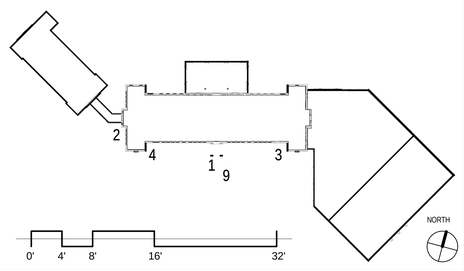
GRILLE TYPE C "BG-C"

NOTE: BRONZE GRILLE TYPES ARE IDENTIFIED ON ELEVATIONS ON THIS SHEET AND A 202, BESIDE THE COORESPONDING KEYNOTE

9 A 201 BRONZE GRILLE TYPE ELEVATIONS
SCALE: 1" = 1'-0"



10 A 201 DETAIL - CUPOLA BALUSTRADE
SCALE: 1 1/2" = 1'-0"



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EXPIRATION DATE: 8/3/2017

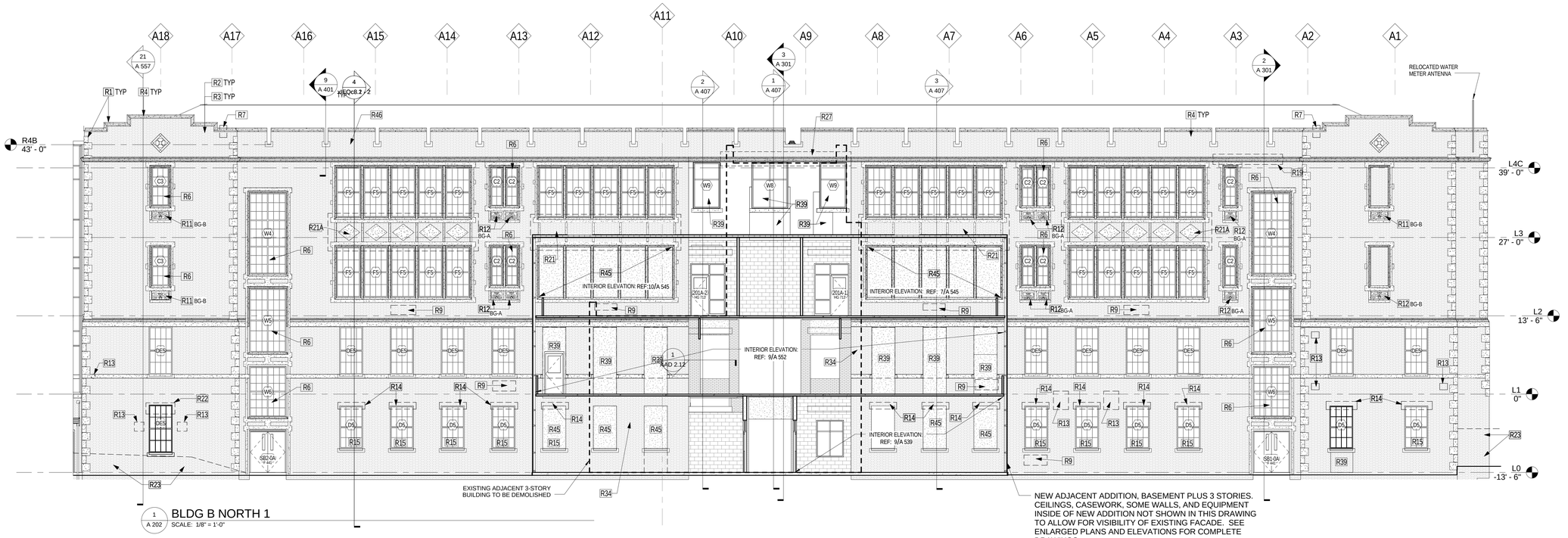
No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

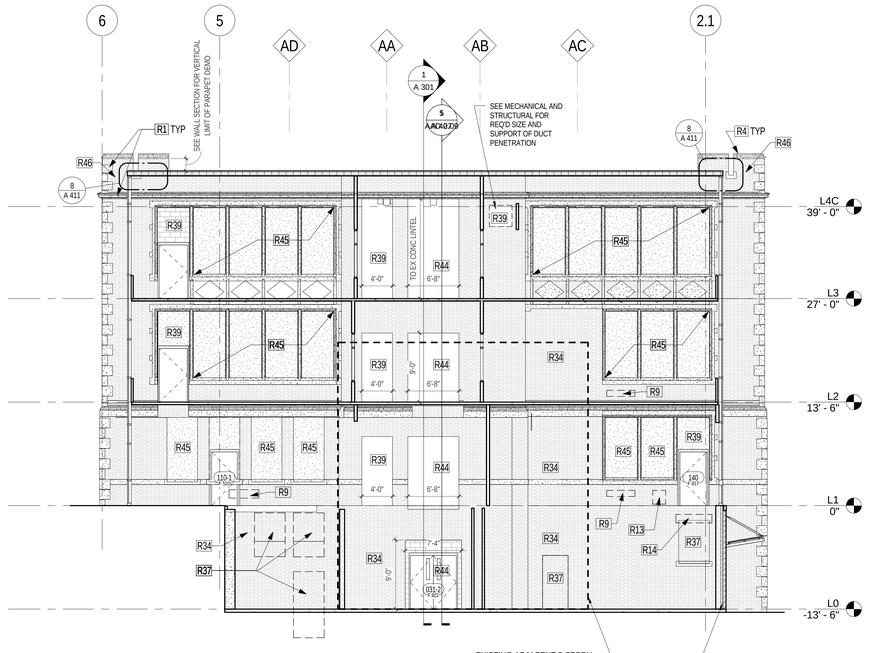
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
BUILDING ELEVATIONS

A 201

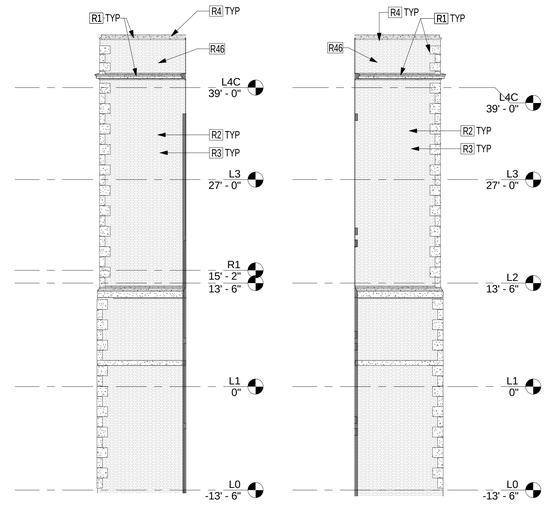
7/28/2016 4:24:52 PM



1 A 202 BLDG B NORTH 1
SCALE: 1/8" = 1'-0"



2 A 202 BLDG B - EAST
SCALE: 1/8" = 1'-0"

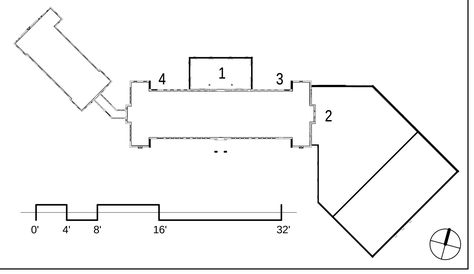


3 A 202 BLDG B - WEST 3
SCALE: 1/8" = 1'-0"

4 A 202 BLDG B - EAST 3
SCALE: 1/8" = 1'-0"

Keynote Legend	
Mark	Keynote Text
R1	TYPICAL – at all existing Cast Stone Masonry to remain and exposed either on exterior or interior, clean by soda blasting per Historic Masonry Cleaning specifications. Remove any remaining stains or discoloration after blasting by additional methods described in masonry cleaning specifications. Fill holes and repair defects per the Historic Stone Masonry Repair specification. Repoint all cast stone to cast stone joints per Historic Stone Masonry Repointing specifications to match existing mortar color.
R2	TYPICAL – at all existing Brick Masonry to remain and exposed either on exterior or interior, clean by soda blasting per Historic Masonry Cleaning specifications. Remove any paint, stains or discoloration remaining in brick masonry after cleaning by using additional methods described in Masonry Cleaning specifications. Fill holes, repair defects, replace cracked or spalled brick per the Historic Unit Masonry Repair specification
R3	TYPICAL – repoint Brick Masonry to remain and exposed either on exterior or interior at all cracked or deteriorated mortar joints as generally indicated on the elevation drawings and per the Historic Unit Masonry Repointing specifications to match existing mortar color. Allow for repointing 4,000 SF of the existing exterior brick wall to remain.
R4	Remove all existing coping stone (including conduit, etc.), and flashing. Prepare and install new flashing and coping stone per detail 1/A 401 (BLDG A) AND 4/A 401 (BLDG B).
R6	Carefully remove existing window or door infill masonry and prepare rough opening to receive new window or door installation. Salvage, clean, prepare for re-use and store face brick as required to complete new construction in the existing buildings. Allow for a minimum of 2,100 bricks.
R7	Remove existing site lighting floodlight fixture. Fill holes in brick and remove any paint or staining in brick.
R9	Remove existing louver, vent, or access door and infill with brick to match adjacent.
R11	Remove, clean, repair and reinstall existing bronze grille per Historic Decorative Metal Cleaning and Repair specifications. Seal around perimeter.
R12	Remove brick or plywood infill at location of missing bronze grille and prepare for installation of new reproduction grille. Remove one existing grille of each type for use as a pattern. Fabricate, install and seal around perimeter of new grille. Refer to Historic Decorative Metal Replication specifications.
R13	Remove existing camera or bell or bracket, etc. Fill holes and remove paint and rust per Historic Masonry Cleaning specification requirements
R14	At existing steel lintels completely remove paint and rust, prime with rust inhibitive primer and paint with two finish coats per specification requirements. Also remove window guard hinge knuckles where applicable.
R15	Repair damage, remove rust, and paint and fill holes at removed window guards.
R19	Repair or replace broken cast stone element.
R21	Where the Bldg B North Addition abuts the north facade of B Bldg (Level L3 between A-6 & A-8 lines and A-11 & A-13 lines) carefully remove the exterior wythe of existing masonry (brick and cast stone) below the cast stone window sills to expose the existing steel spandrel beam or masonry back-up. Provide temporary support for the cast stone window construction above. Clean existing rust and deterioration from the existing beam and prepare per manufacturer's instructions for 2 coats of rust-inhibiting primer and one finish coat. Carefully infill area of removed masonry with salvaged brick in a flemish bond pattern in sync with adjacent brickwork. Flash the new roofing system to the brickwork per the indicated wall section.
R21A	Following the work in note R21 proceed with similar restoration to the similar existing spandrel beam at level L3 between A-3 & A-6 lines and A-13 & A-16 lines. As a minimum, allow for removal of existing masonry at spandrel, clean, rust treat, prime, and paint existing spandrel beam. Replace existing brick (or salvaged) and stone in same pattern as original masonry.
R22	Carefully remove existing door and frame. Refer to architectural and structural drawings for extent of additional demolition and salvaged brick infill to prepare opening for new window.

Keynote Legend	
Mark	Keynote Text
R23	Within the area indicated exterior masonry work that was once below grade will now be exposed: Patch any voids with salvaged existing brick per Historic Brick Unit Masonry Unit specification. Clean brick per Historic Masonry Cleaning specifications and repoint per Historic Brick Unit Masonry Repointing specification.
R27	Remove brick infill and install salvaged stone water table wherever missing in area indicated
R34	All exterior face brick and cast stone previously concealed by building additions or grades, where newly exposed to the exterior or interior of the building, shall be treated as typical existing masonry with respect to cleaning, repair, and repointing.
R37	Remove existing construction (masonry infill, door and frame, etc.), restore opening to original configuration (including sill replacement) utilizing new or salvaged brick and cast stone and infill with new or salvaged face brick sim to detail 10/A 203.
R39	Alter existing opening or provide new opening to configuration shown on architectural drawings using new or salvaged brick toothed-in to match adjacent construction with new lintels and sills as required.
R44	In this area at all floors fill existing door opening as shown and cut new door openings where indicated on the architectural drawings. All remaining existing exposed masonry work shall be treated as typical existing masonry with respect to cleaning, repair, and repointing. Newly exposed previous concrete block infill shall be replaced with salvaged brick.
R45	Remove existing construction, restore opening to original configuration and install new GWB infill.
R46	Repoint all brick masonry to remain at the parapet (between existing cast stone water table and new parapet cap) per the Historical Unit Masonry Repointing specifications to match existing mortar color (not included in 4,000 SF Brick allowance).



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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

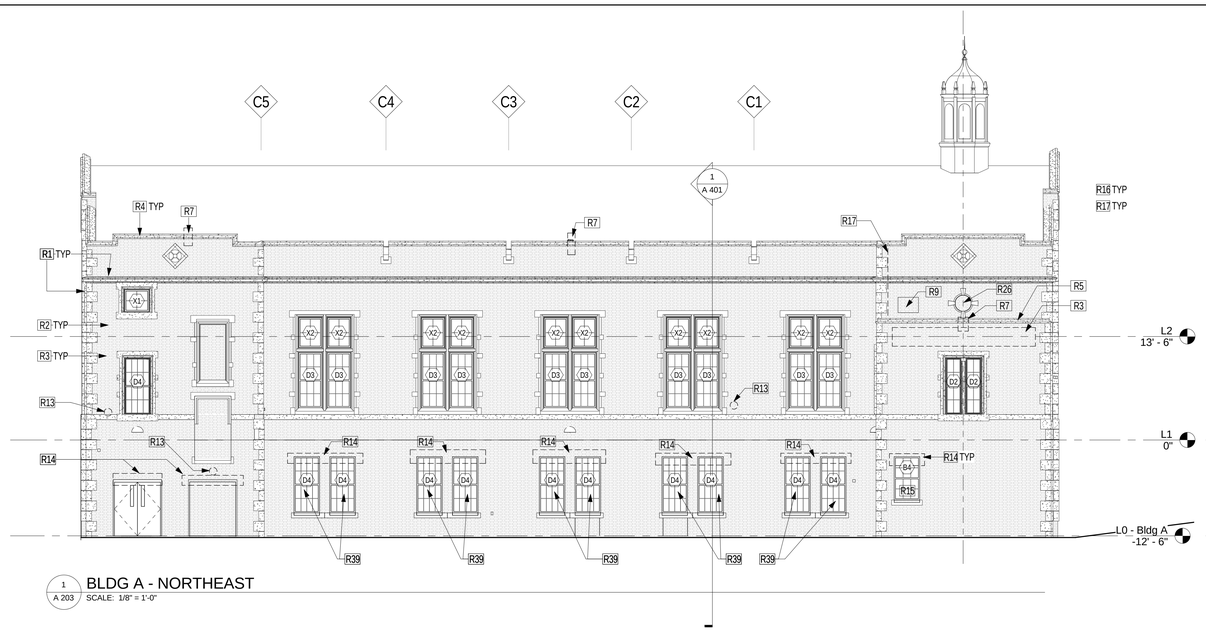
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
BUILDING ELEVATIONS

A 202

7/28/2016 4:25:42 PM



1 A 203 BLDG A - NORTHEAST
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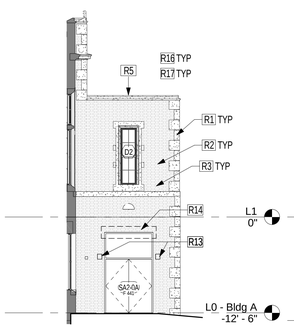

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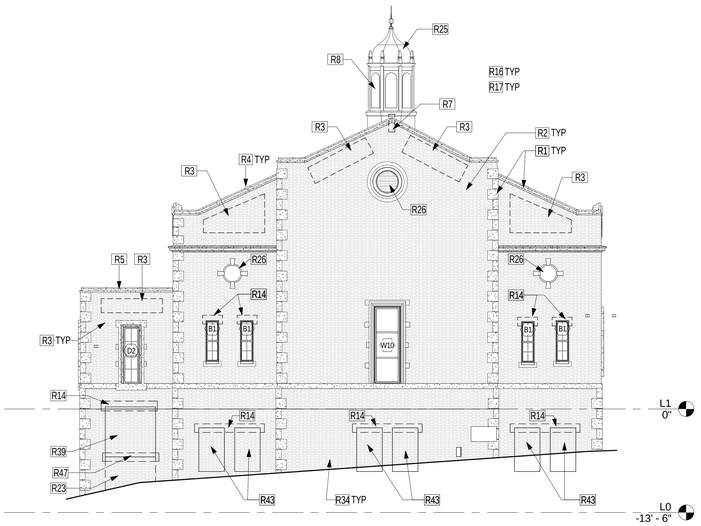
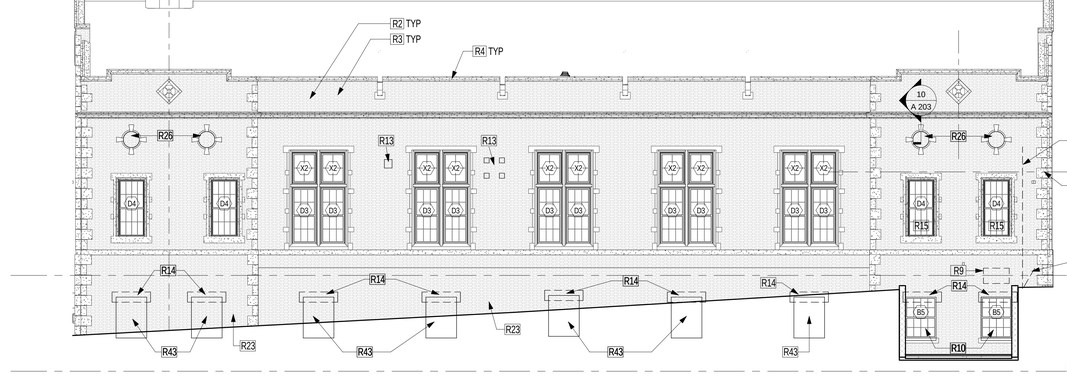
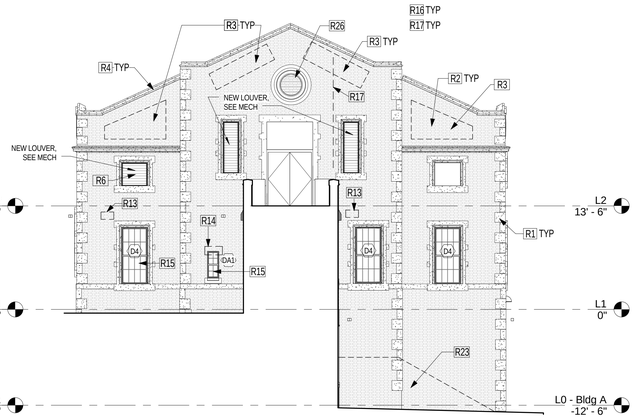
SCALE: 1/8" = 1'-0"



3 A 203 BLDG A - NORTHWEST
SCALE: 1/8" = 1'-0"

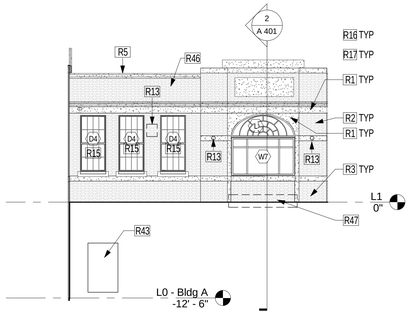


4 A 203 BLDG A - SOUTHWEST
SCALE: 1/8" = 1'-0"



5 A 203 BLDG A - SOUTHEAST
SCALE: 1/8" = 1'-0"

Keynote Legend	
Mark	Keynote Text
R1	TYPICAL -- at all existing Cast Stone Masonry to remain and exposed either on exterior or interior, clean by soda blasting per Historic Masonry Cleaning specifications. Remove any remaining stains or discoloration after blasting by additional methods described in masonry cleaning specifications. Fill holes and repair defects per the Historic Stone Masonry Repair specification. Repoint all cast stone to cast stone joints per Historic Stone Masonry Repointing specifications to match existing mortar color.
R2	TYPICAL -- at all existing Brick Masonry to remain and exposed either on exterior or interior, clean by soda blasting per Historic Masonry Cleaning specifications. Remove any paint, stains or discoloration remaining in brick masonry after cleaning by using additional methods described in Masonry Cleaning specifications. Fill holes, repair defects, replace cracked or spalled brick per the Historic Unit Masonry Repair specification
R3	TYPICAL -- repoint Brick Masonry to remain and exposed either on exterior or interior at all cracked or deteriorated mortar joints as generally indicated on the elevation drawings and per the Historic Unit Masonry Repointing specifications to match existing mortar color. Allow for repointing 4,000 SF of the existing exterior brick wall to remain.
R4	Remove all existing coping stone (including conduit, etc.), and flashing. Prepare and install new flashing and coping stone per detail 1/A 401 (BLDG A) AND 4/A 401 (BLDG B).
R5	Remove all existing metal coping, coping stone, and flashing. Prepare and install new flashing and coping stone per detail 1/A 401 (BLDG A) AND 4/A 401 (BLDG B).
R6	Carefully remove existing window or door infill masonry and prepare rough opening to receive new window or door installation. Salvage, clean, prepare for re-use and store face brick as required to complete new construction in the existing buildings. Allow for a minimum of 2,100 bricks.
R7	Remove existing site lighting floodlight fixture. Fill holes in brick and remove any paint or staining in brick.
R8	Clean existing copper louver and repair any damage per Historic Decorative Metal Cleaning and Historic Decorative Metal Repair specifications. Reseal at perimeter and provide bird new screen. Screen to be stainless steel welded wire mesh ½" x ½" x 16ga.
R9	Remove existing louver, vent, or access door and infill with brick to match adjacent.
R10	At existing light wells to be reconstructed, clean exposed masonry and repoint as required per Historic Masonry Cleaning, Repair, and Repointing Specifications. Clean, remove rust, and paint steel lintel above window or louver opening. Replace existing window or louver as detailed on the drawings. Provide new light well construction per detail 4/A 401.
R13	Remove existing camera or bell or bracket, etc. Fill holes and remove paint and rust per Historic Masonry Cleaning specification requirements
R14	At existing steel lintels completely remove paint and rust, prime with rust inhibitive primer and paint with two finish coats per specification requirements. Also remove window guard hinge knuckles where applicable.
R15	Repair damage, remove rust, and paint and fill holes at removed window guards.
R16	TYPICAL -- remove all existing exterior sealant joints and prepare and replace with new sealant and backer rod per specification requirements.
R17	TYPICAL -- remove all existing exterior clips, fasteners, pipes, conduits, brackets, signage, etc. not otherwise indicated to remain. Fill all holes and remove paint and rust as required per Historic Masonry Cleaning specification requirements.
R23	Within the area indicated exterior masonry work that was once below grade will now be exposed. Patch any voids with salvaged existing brick per Historic Brick Unit Masonry Unit specification. Clean brick per Historic Masonry Cleaning specifications and repoint per Historic Brick Unit Masonry Repointing specification.
R25	Clean existing copper cupola and repair any damage per Historic Decorative Metal Cleaning and Repair specifications. Remove existing flashing, repair any deteriorated wood base material and re-flash with new copper flashing.
R26	Remove existing infill and provide salvaged masonry infill per detail 10/A 203.
R34	All exterior face brick and cast stone previously concealed by building additions or grades, where newly exposed to the exterior or interior of the building, shall be treated as typical existing masonry with respect to cleaning, repair, and repointing.
R36	Remove existing louvers or existing masonry infill and alter existing opening to receive new window. Reuse existing stone sill.
R39	Alter existing opening or provide new opening to configuration shown on architectural drawings using new or salvaged brick toothed-in to match adjacent construction with new lintels and sills as required.
R43	Remove existing window or louver and infill with salvaged face brick per detail 10/A 203. At exposed face brick that was previously below grade and where light wells were demolished refer to Historic Masonry Cleaning, Repair, and Repointing Specifications. Where infill is entirely below grade, infill w/ CMU and provide waterproofing per detail 5/A 401.
R46	Repoint all brick masonry to remain at the parapet (between existing cast stone water table and new parapet cap) per the Historical Unit Masonry Repointing specifications to match existing mortar color (not included in 4,000 SF Brick allowance).
R47	Remove and salvage existing granite sill for reuse.



6 A 203 LINK - SOUTH 2
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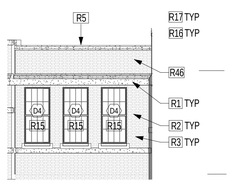
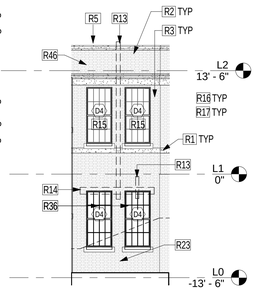
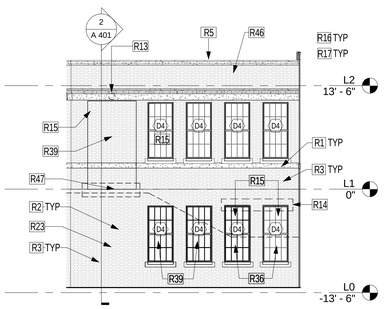


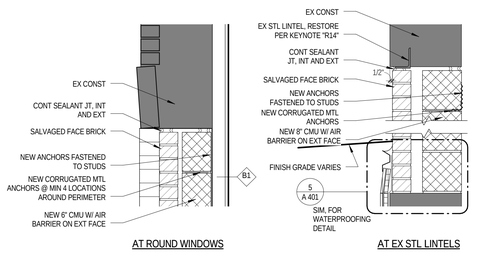
7 A 203 LINK - SOUTH
SCALE: 1/8" = 1'-0"



8 A 203 LINK - NORTH
SCALE: 1/8" = 1'-0"



9 A 203 LINK - NORTH 2
SCALE: 1/8" = 1'-0"



10 A 203 DETAIL - TYP WINDOW MASONRY INFILL
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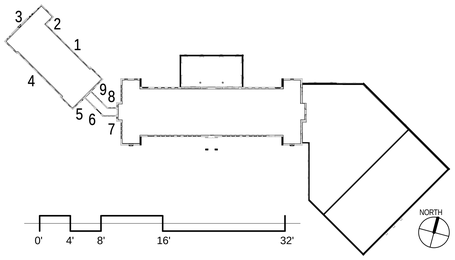

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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

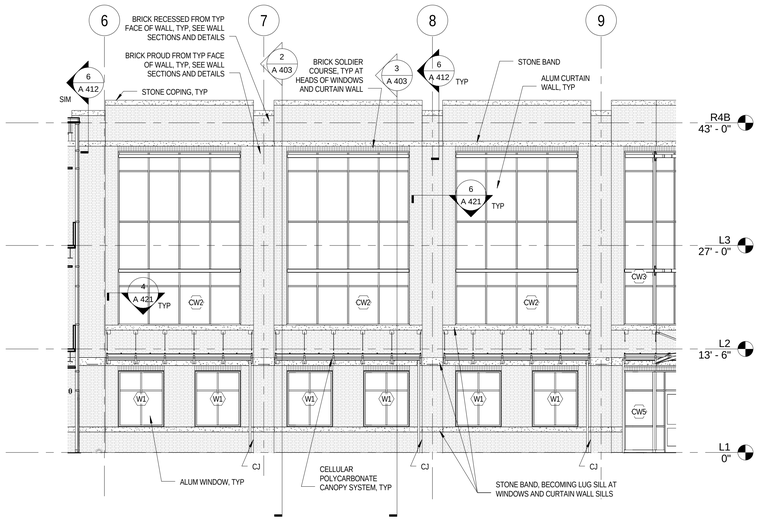
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

DRAWING NAME
BUILDING ELEVATIONS

A 203

7/28/2016 4:26:38 PM



1a A 204 EAST ADDITION - WEST1
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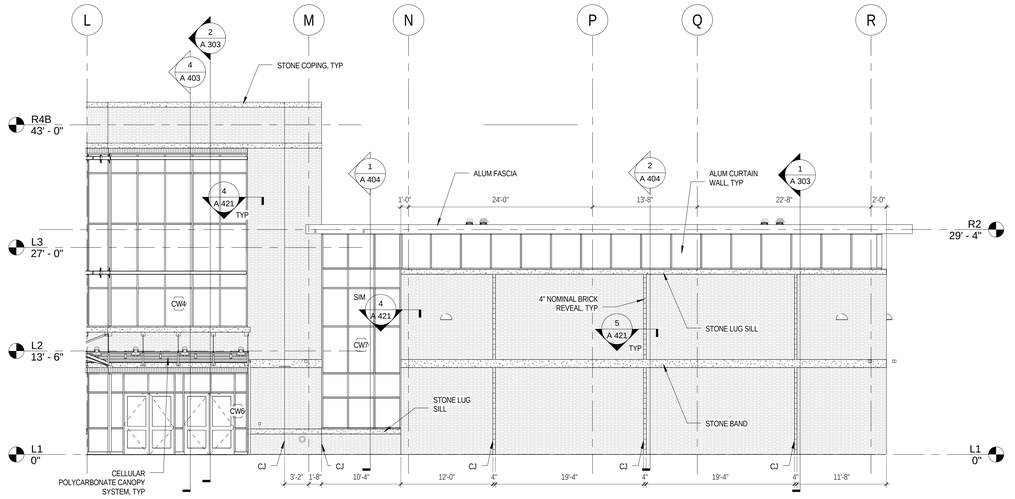

2a A 204 EAST ADDITION - SOUTHWEST
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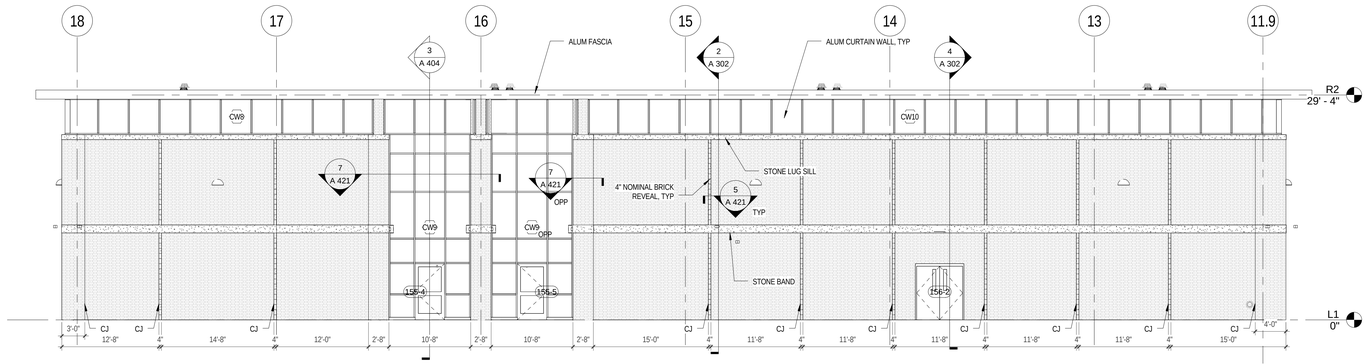

3 A 204 EAST ADDITION - SOUTHEAST 1
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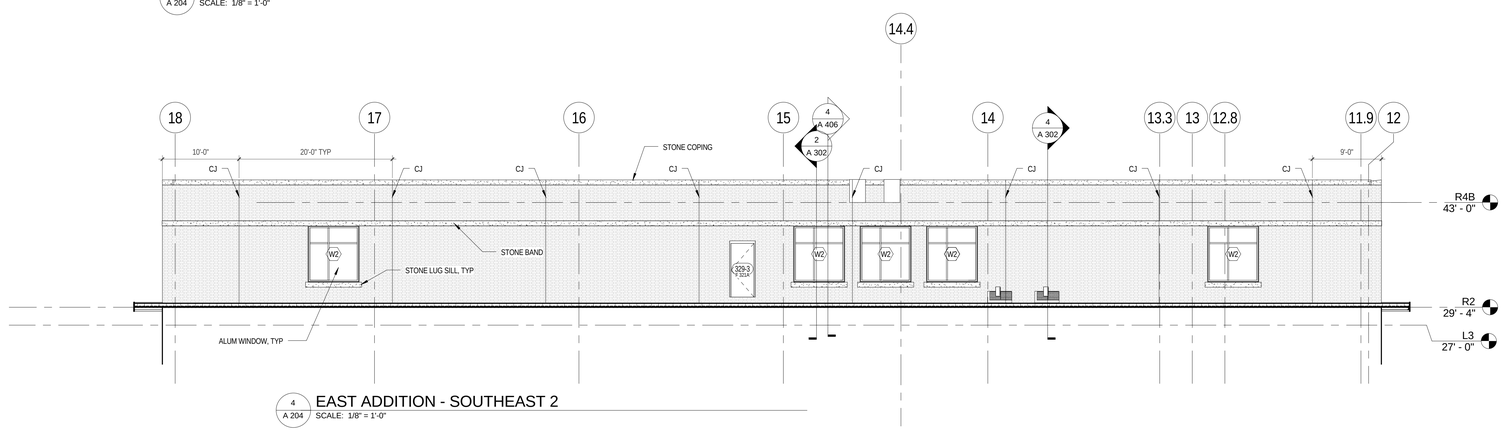

4 A 204 EAST ADDITION - SOUTHEAST 2
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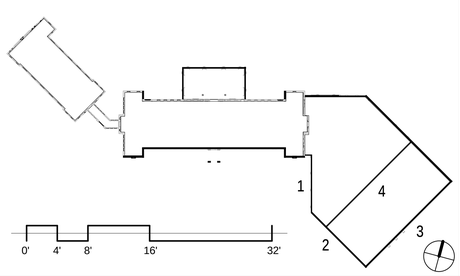

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No.	DATE	DESCRIPTION

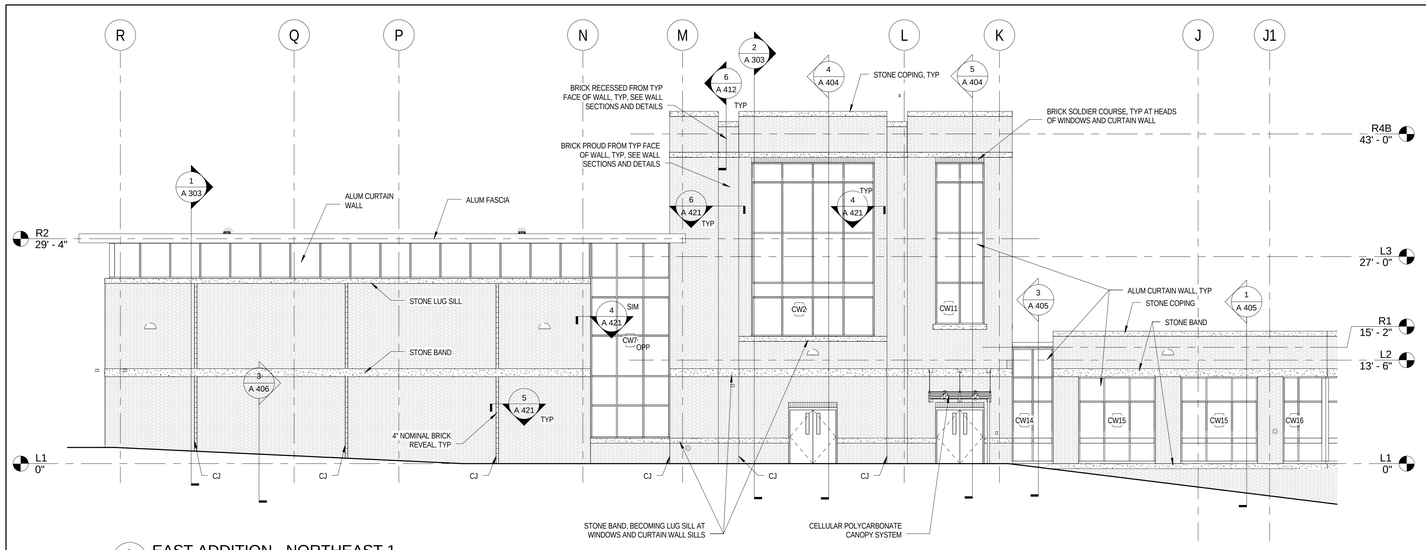
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

DRAWING NAME
BUILDING ELEVATIONS

A 204

7/28/2016 4:27:08 PM



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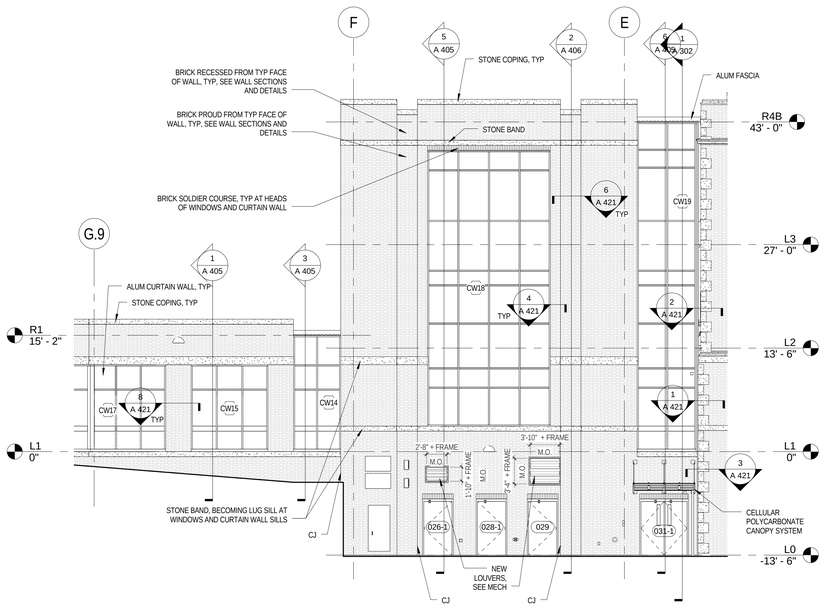

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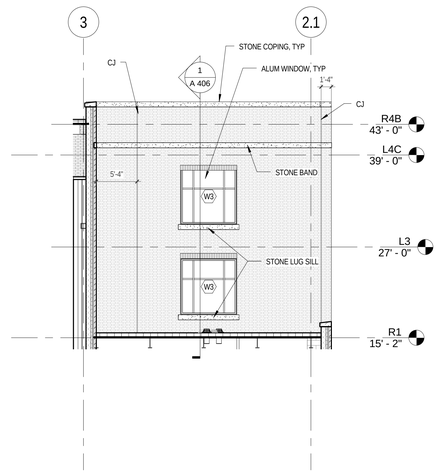

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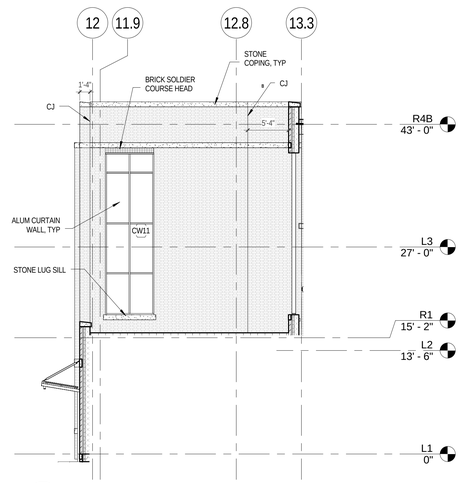

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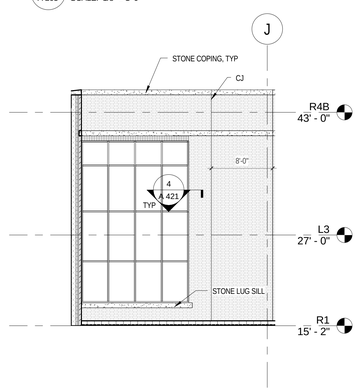

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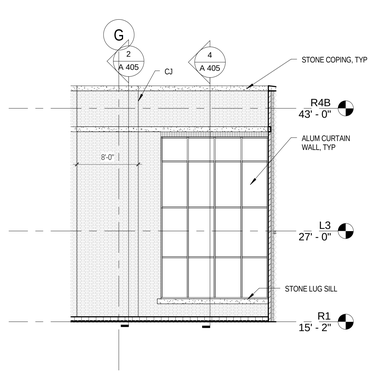
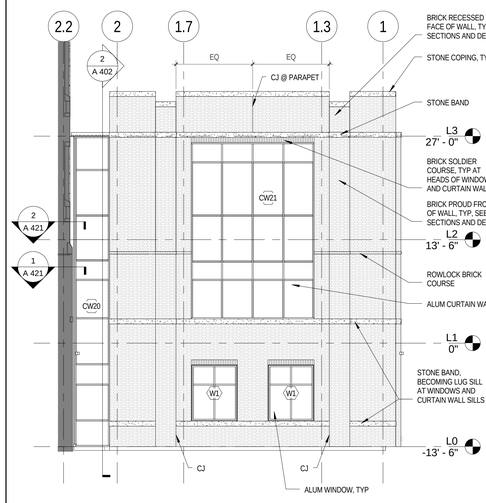
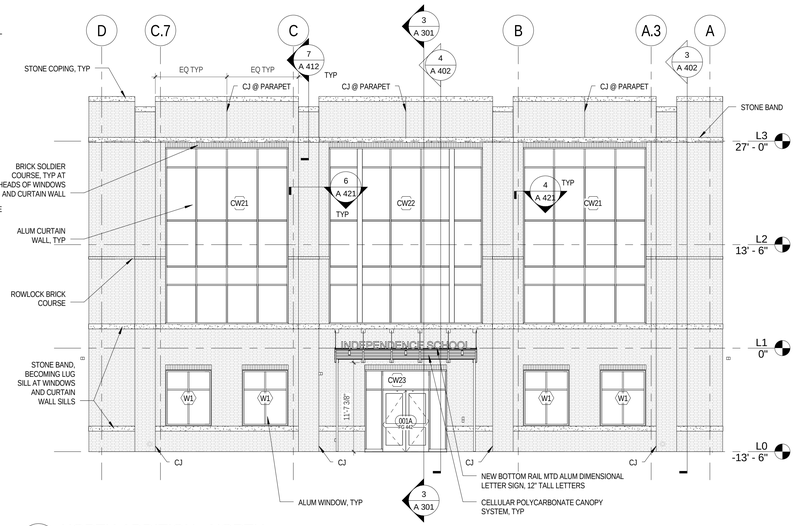


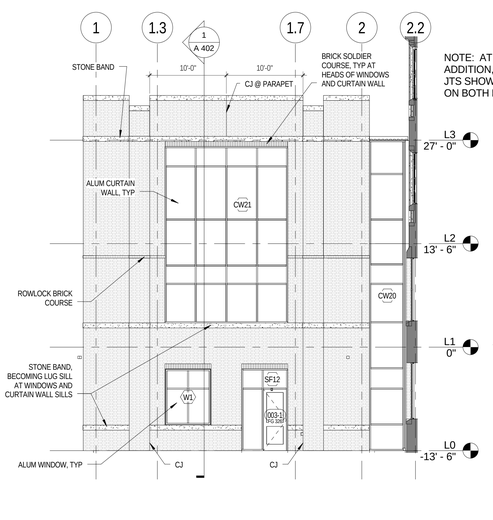
6 A 205 EAST ADDITION - NORTH 2
SCALE: 1/8" = 1'-0"



7 A 205 NORTH ADDITION - EAST
SCALE: 1/8" = 1'-0"

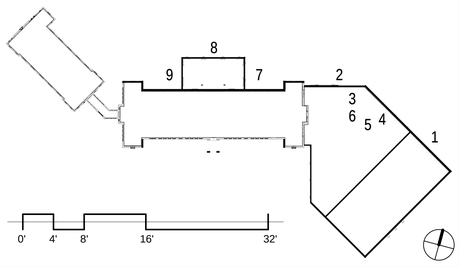


8 A 205 NORTH ADDITION - NORTH
SCALE: 1/8" = 1'-0"



NOTE: AT BLDG B NORTH ADDITION, MASONRY CONTROL JTS SHOWN SHALL BE PROVIDED ON BOTH FACES OF PARAPETS.

9 A 205 NORTH ADDITION - WEST
SCALE: 1/8" = 1'-0"



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ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

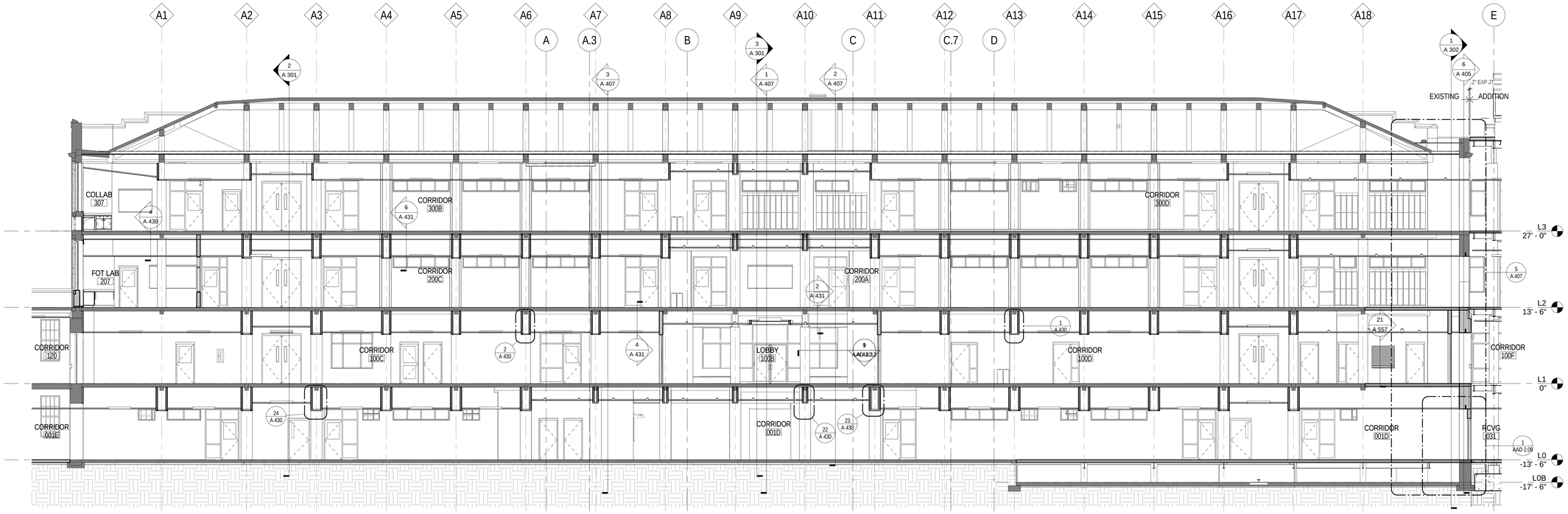
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

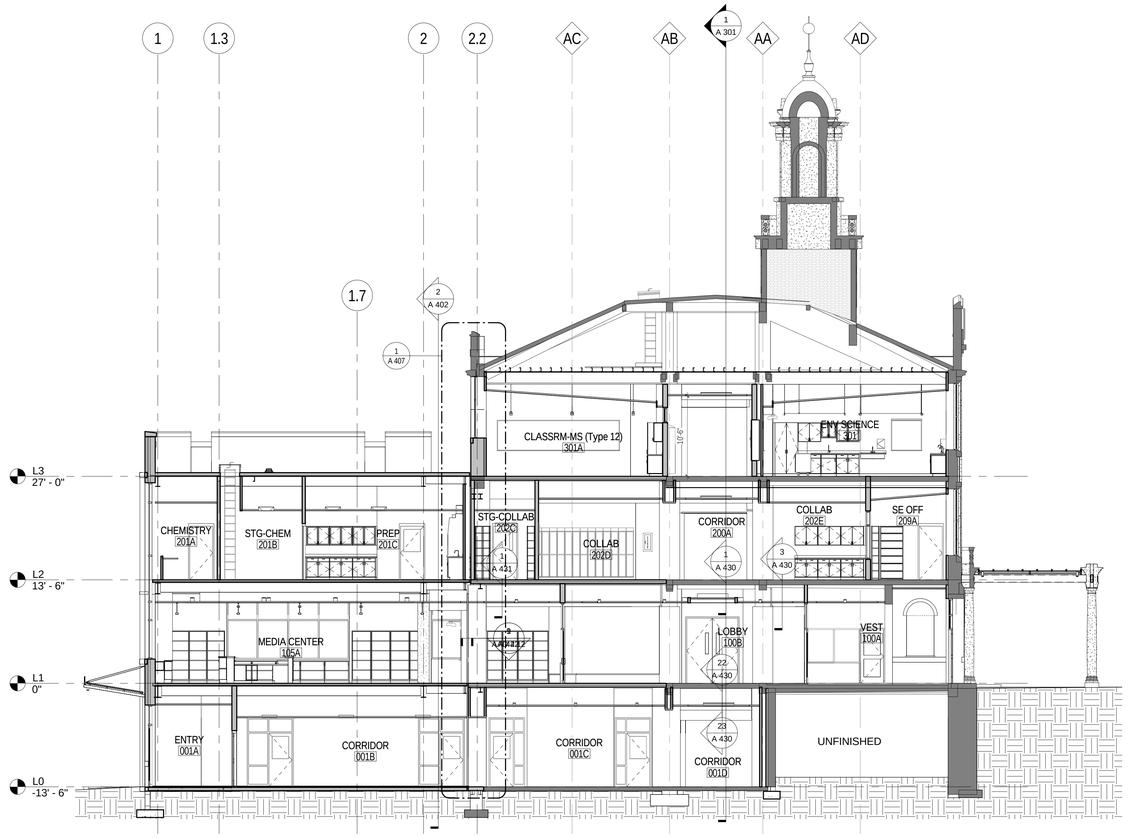
DRAWING NAME
BUILDING ELEVATIONS

A 205

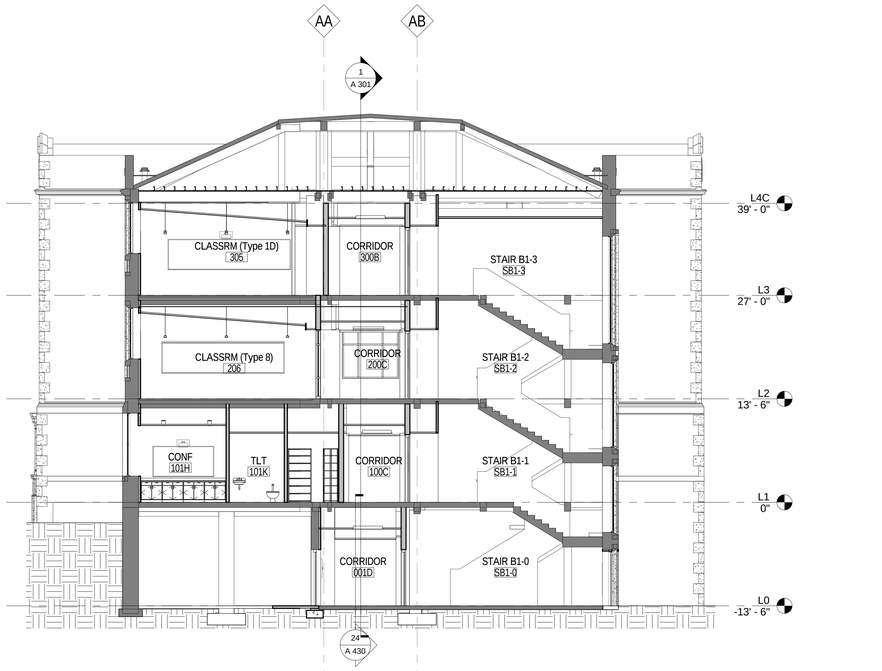
7/28/2016 4:27:44 PM



1 A 301 Longitudinal Section 1
SCALE: 1/8" = 1'-0"



3 A 301 Cross Section 2
SCALE: 1/8" = 1'-0"



2 A 301 Cross Section 1
SCALE: 1/8" = 1'-0"

0' 4' 8' 16' 32'

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

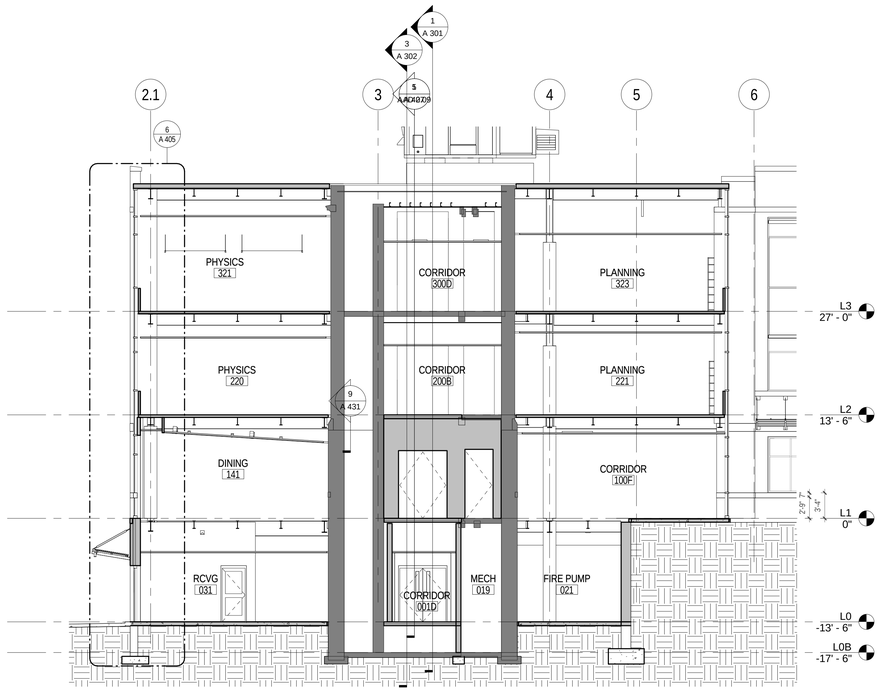
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

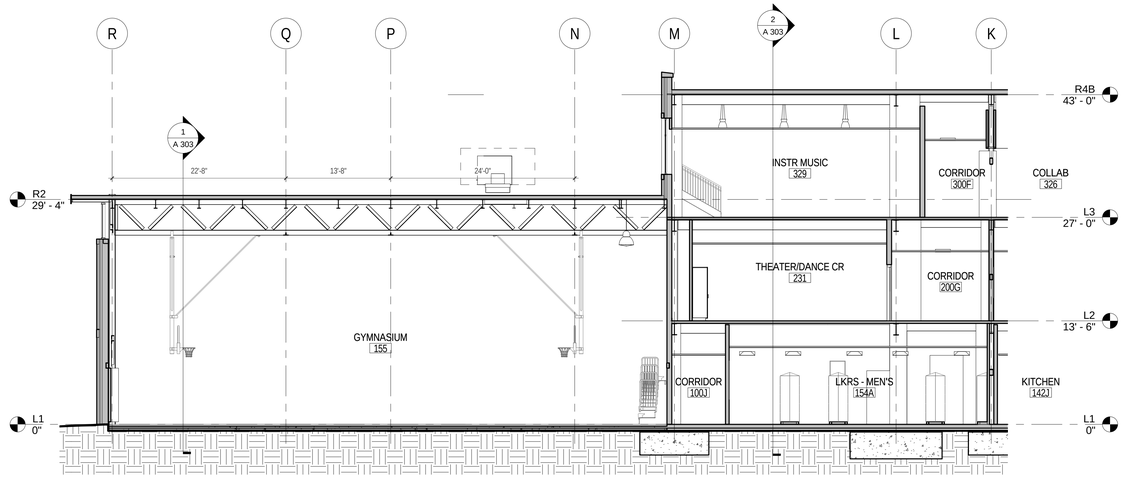
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/8" = 1'-0"
DRAWING NAME
BUILDING SECTIONS

A 301

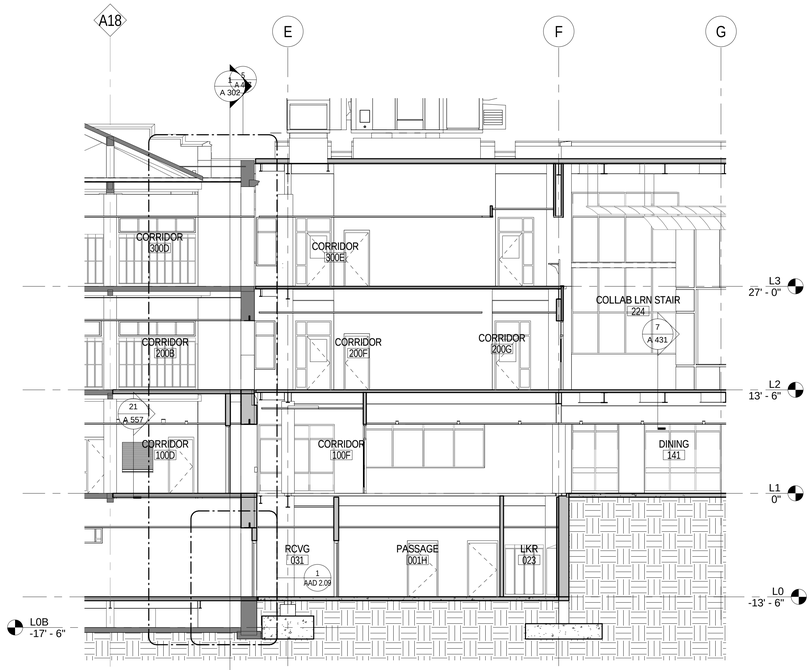
7/28/2016 4:28:10 PM



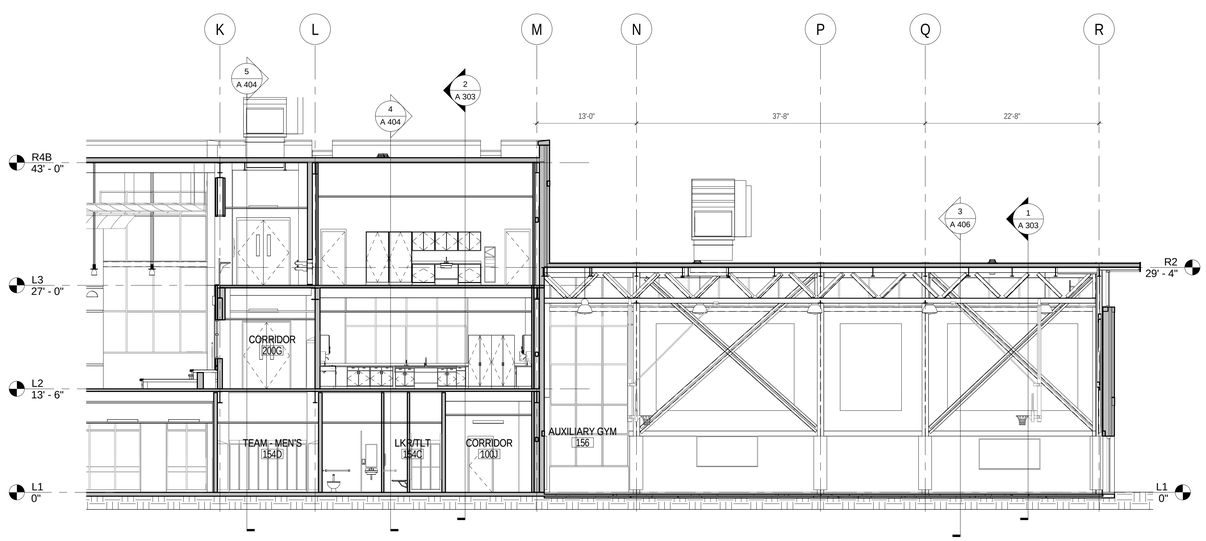
1 A 302 Section at East Addition Facing East
SCALE: 1/8" = 1'-0"



2 A 302 Section at East Addition Facing Northeast
SCALE: 1/8" = 1'-0"



3 A 302 Section East Addition Facing North
SCALE: 1/8" = 1'-0"



4 A 302 Section East Addition Facing Northeast
SCALE: 1/8" = 1'-0"

0' 4' 8' 16' 32'

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

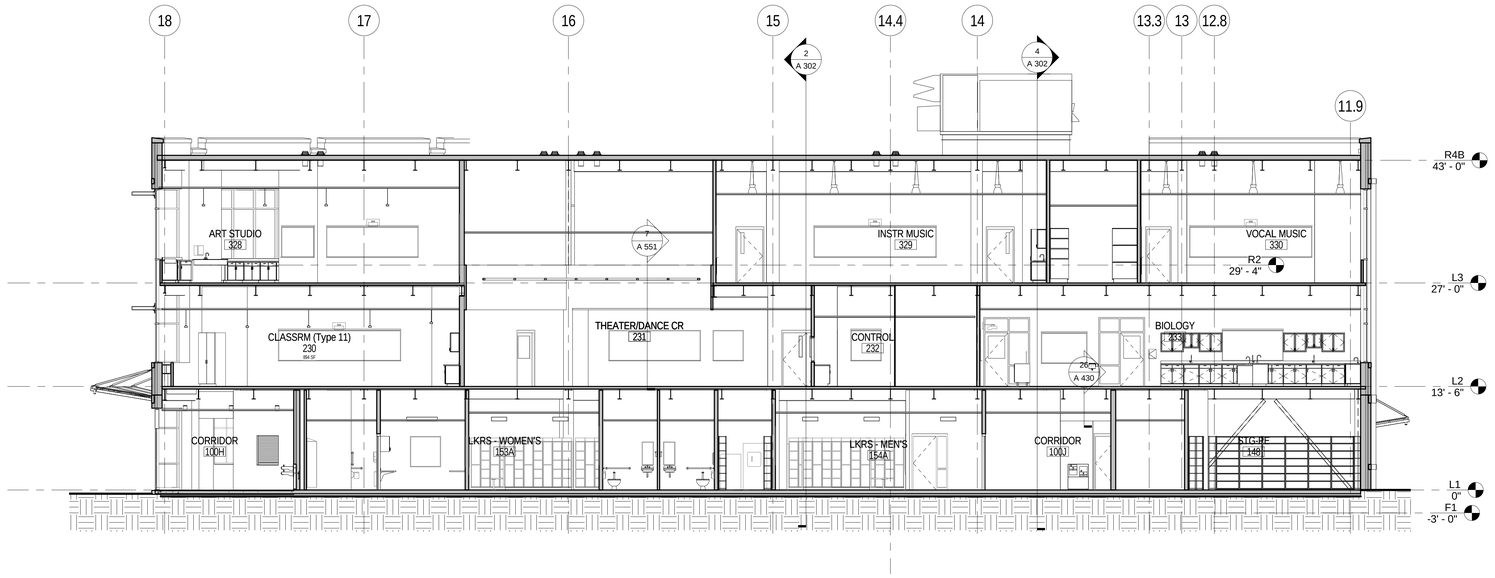
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

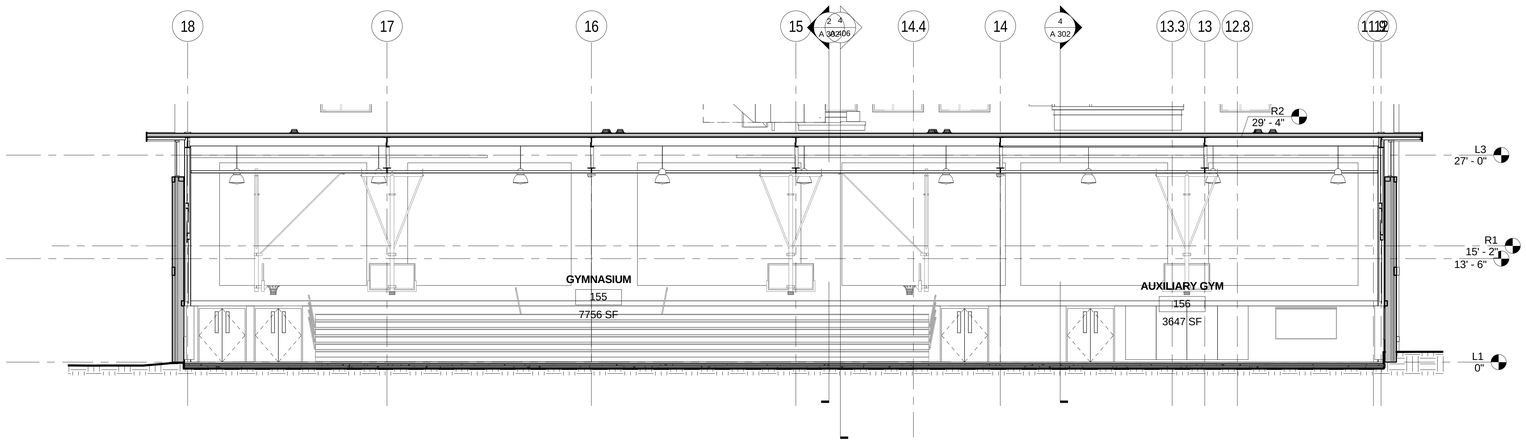
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/8" = 1'-0"
DRAWING NAME
BUILDING SECTIONS

A 302

7/28/2016 4:28:30 PM



2 A 303 East Add Sect 5
SCALE: 1/8" = 1'-0"



1 A 303 East Add Sect 6
SCALE: 1/8" = 1'-0"

0' 4' 8' 16' 32'

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LICENSE NO.: 8002
EXPIRATION DATE: 6/30/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

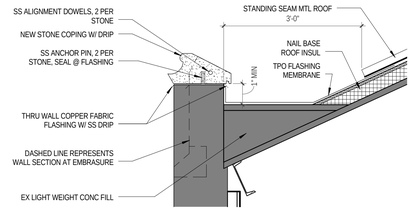
SCALE: 1/8" = 1'-0"

DRAWING NAME

BUILDING SECTIONS

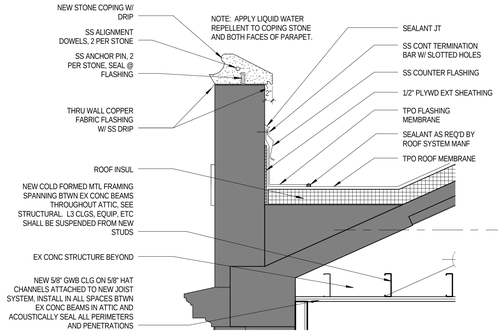
A 303

7/28/2016 4:28:46 PM



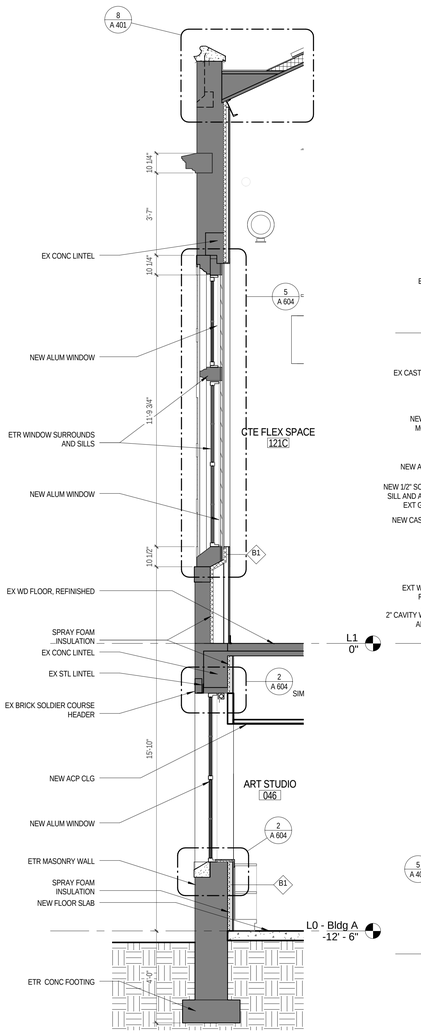
DETAIL - TYP BLDG A PARAPET AND EMBRASURE RESTORATION

8 / A 401 SCALE: 3/4" = 1'-0"



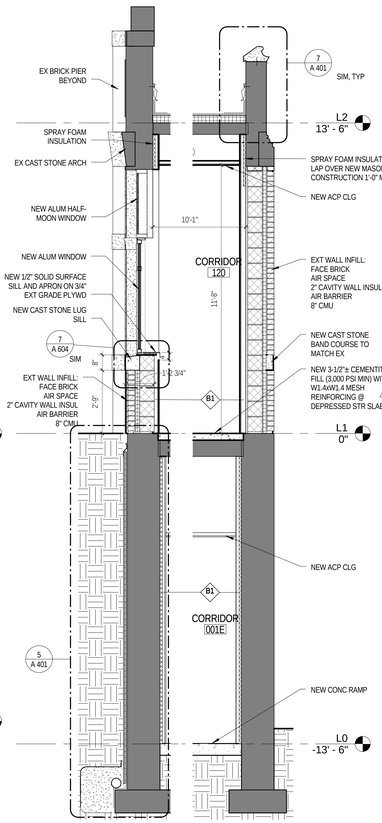
DETAIL - TYP BLDG B PARAPET RESTORATION

7 / A 401 SCALE: 3/4" = 1'-0"



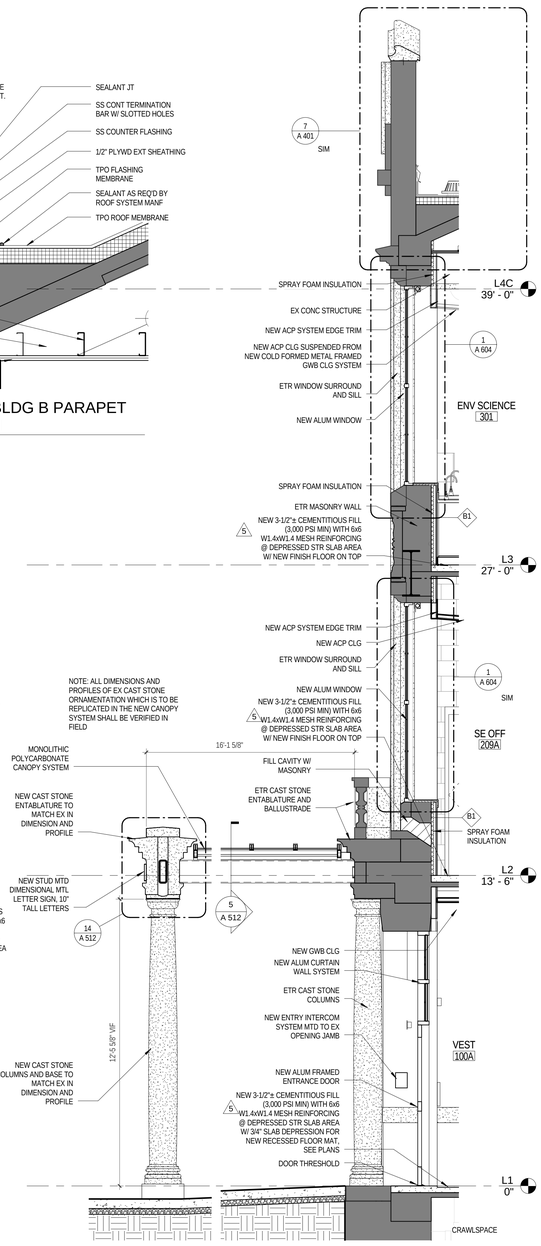
1 / A 401 BLDG A - NORTH

SCALE: 3/8" = 1'-0"



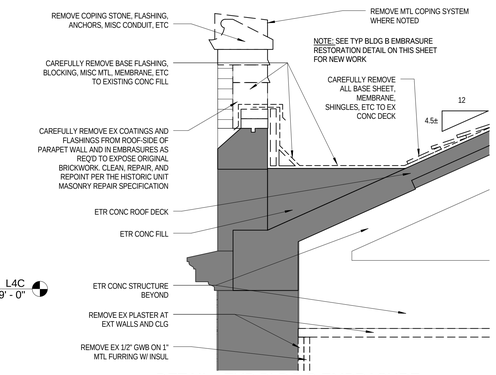
2 / A 401 LINK

SCALE: 3/8" = 1'-0"



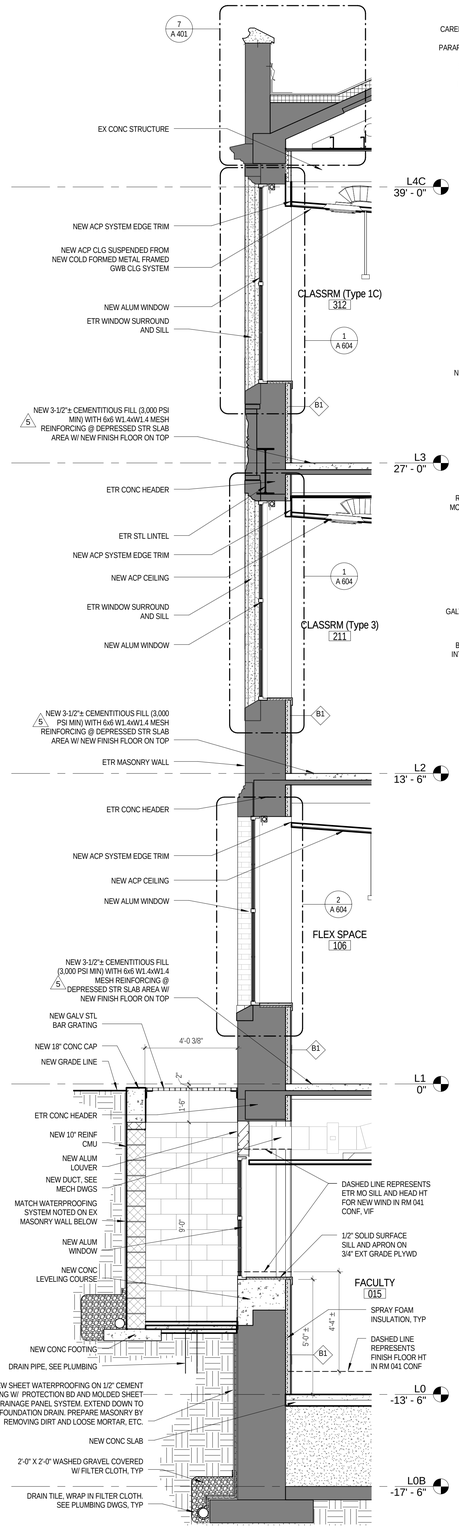
3 / A 401 BLDG B NORTH

SCALE: 3/8" = 1'-0"



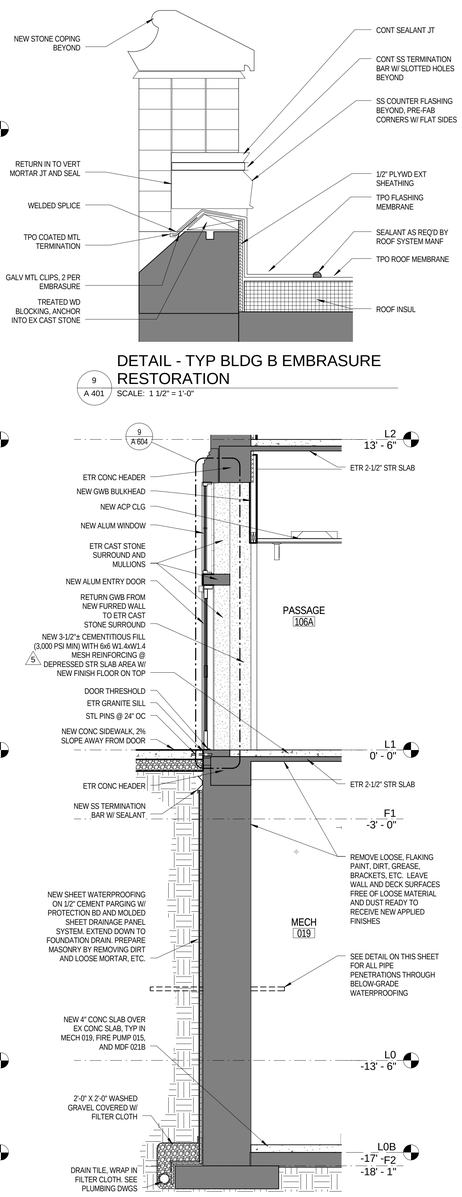
DETAIL - TYP BLDG B EMBRASURE DEMOLITION

6 / A 401 SCALE: 3/4" = 1'-0"



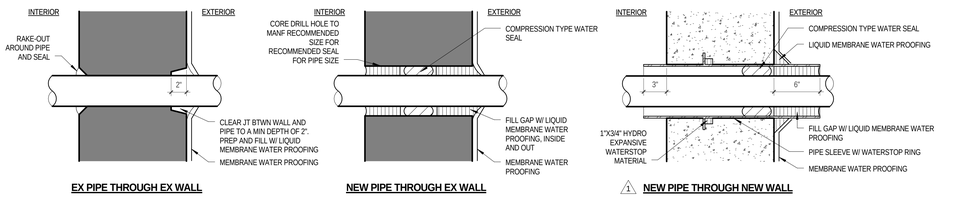
4 / A 401 BLDG B SOUTH

SCALE: 3/8" = 1'-0"



5 / A 401 BLDG B SOUTH - AT MECH ROOM

SCALE: 3/8" = 1'-0"



DETAIL - TYP PIPE PENETRATIONS THRU BELOW-GRADE WATERPROOFING

10 / A 401 SCALE: 1 1/2" = 1'-0"

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LICENSE NO.: 9982
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2
5	6/7/16	POST BID ADDENDUM

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

SCALE: As indicated

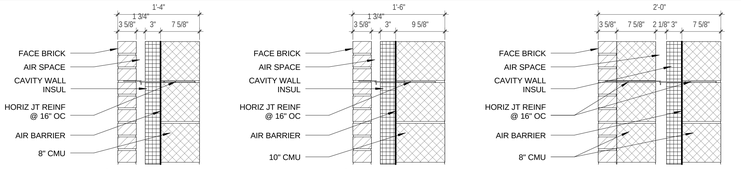
DRAWING NAME

WALL SECTIONS BLDG A & B

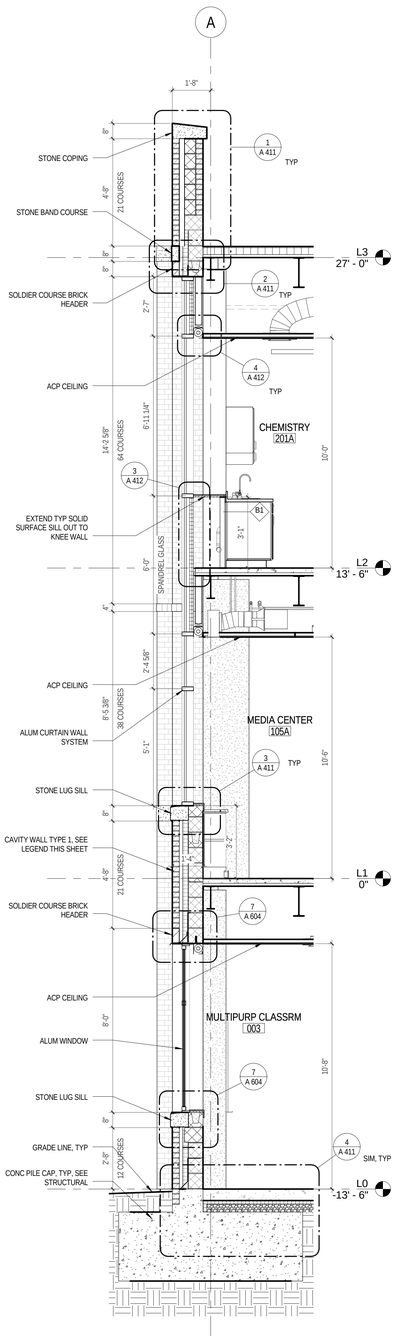
A 401

7/28/2016 4:29:07 PM

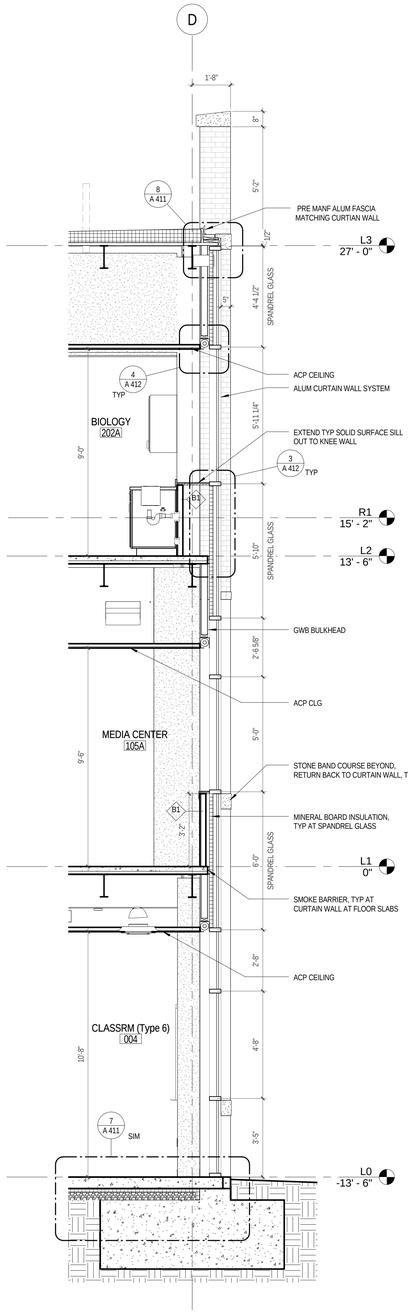
CAVITY WALL TYPE LEGEND



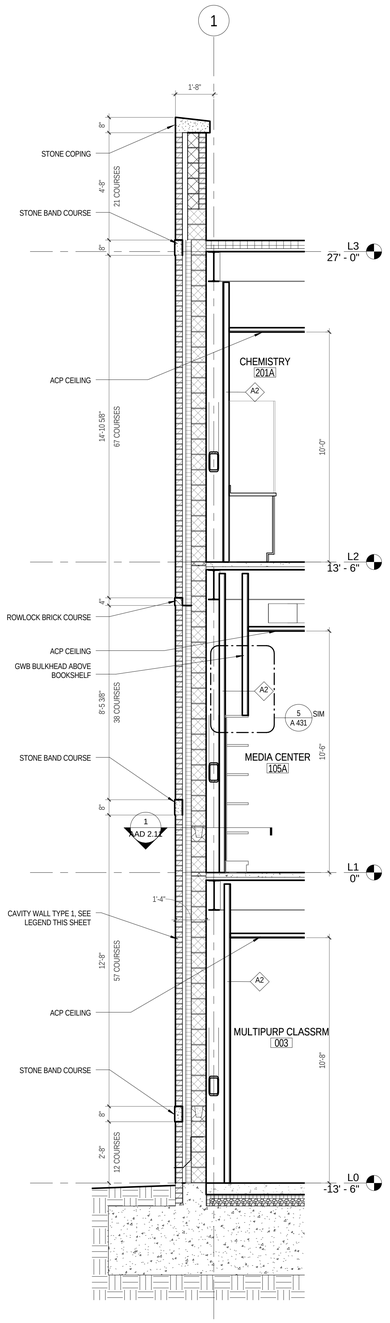
NOTE: AT ALL EXT WALLS ON ADDITIONS, BRICK AND CMU COURSING ALIGN @ L1; CMU COURSING RESTARTS @ EA LEVEL, EXCEPT AT L3 AS SHOWN IN WALL SECTIONS; BRICK COURSING AS NOTED IN WALL SECTIONS



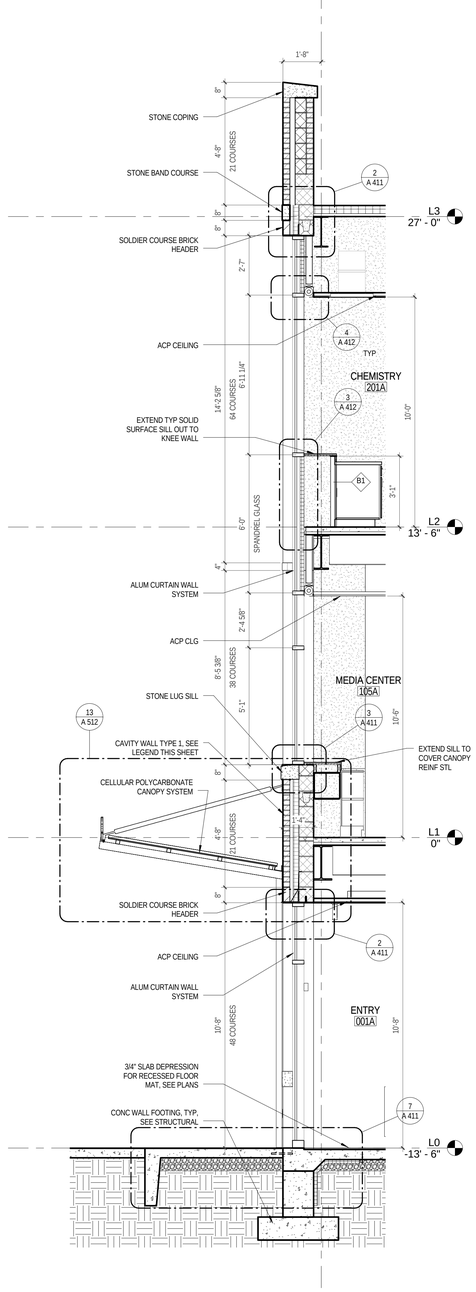
1 A 402 BLDG B ADDITION WEST
SCALE: 3/8" = 1'-0"



2 A 402 BLDG B ADDITION EAST CURTAINWALL
SCALE: 3/8" = 1'-0"



3 A 402 BLDG B ADDITION NORTH
SCALE: 3/8" = 1'-0"



4 A 402 BLDG B ADDITION NORTH CURTAINWALL
SCALE: 3/8" = 1'-0"

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LICENSE NO.: 8002
EXPIRATION DATE: 6/30/017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

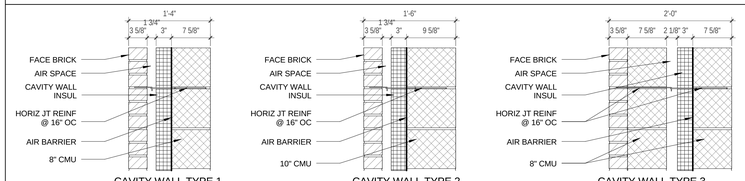
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

DRAWING NAME
WALL SECTIONS BLDG B ADDITION

A 402

7/29/2016 4:29:24 PM

CAVITY WALL TYPE LEGEND



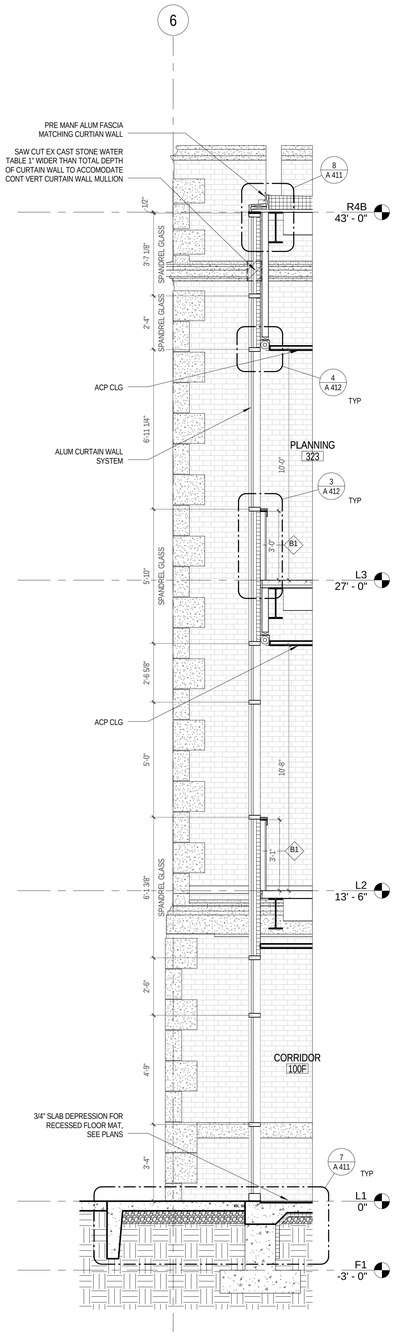
CAVITY WALL TYPE 1

CAVITY WALL TYPE 2

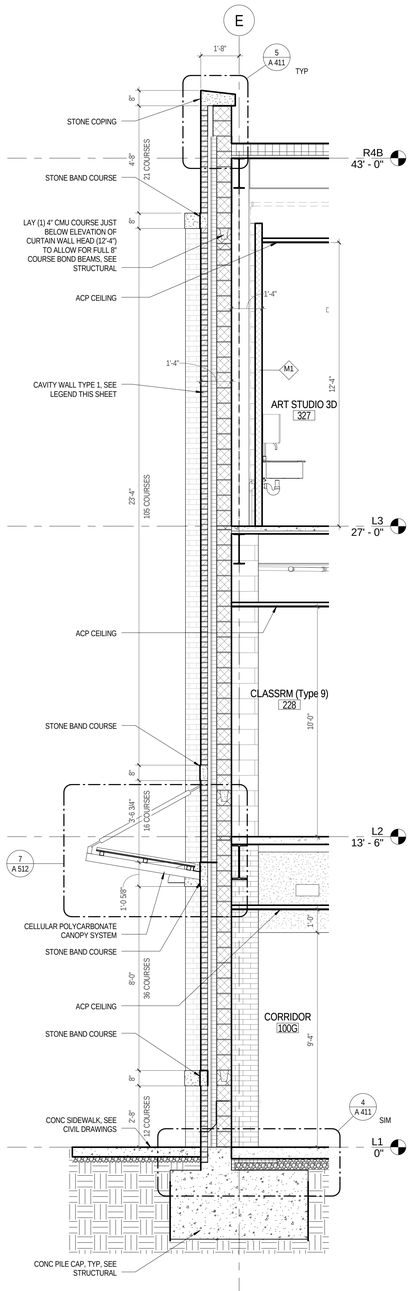
CAVITY WALL TYPE 3

TYP @ NEW PILASTERS, SEE ELEVATIONS

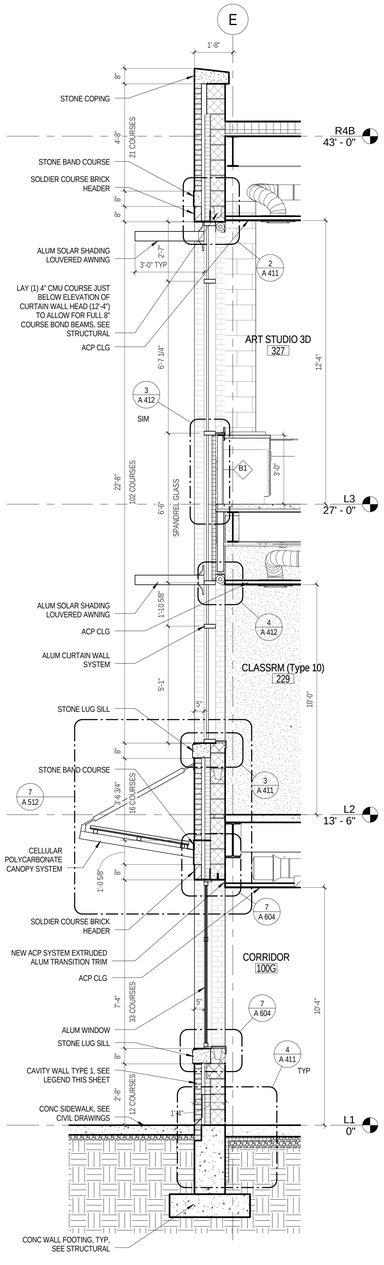
NOTE: AT ALL EXT WALLS ON ADDITIONS, BRICK AND CMU COURSING ALIGN @ L1; CMU COURSING RESTARTS @ EA LEVEL, EXCEPT AT L3 AS SHOWN IN WALL SECTIONS; BRICK COURSING AS NOTED IN WALL SECTIONS



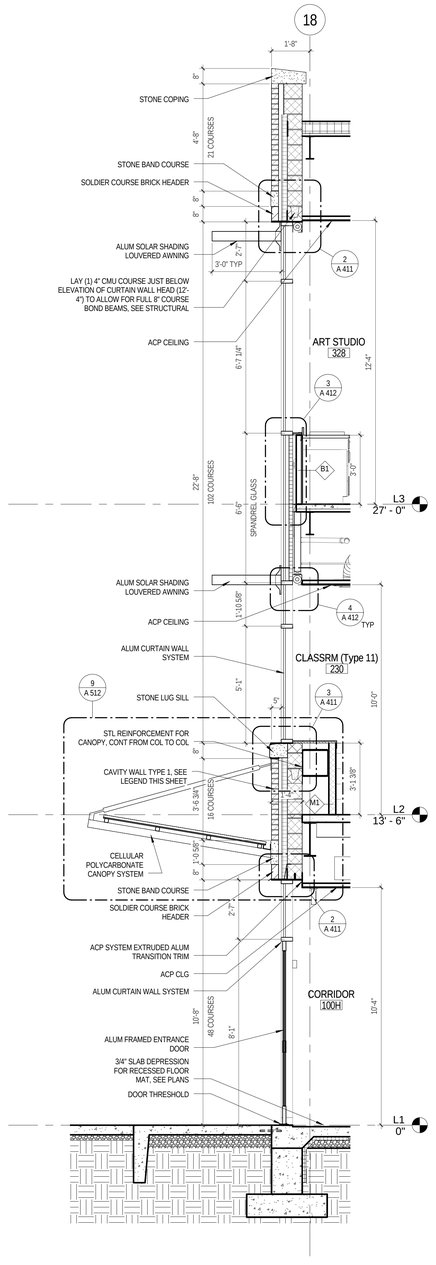
1 A 403 BLDG C WEST 1
SCALE: 3/8" = 1'-0"



2 A 403 BLDG C WEST 2
SCALE: 3/8" = 1'-0"



3 A 403 BLDG C WEST 3
SCALE: 3/8" = 1'-0"



4 A 403 BLDG C SOUTH 1
SCALE: 3/8" = 1'-0"

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LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

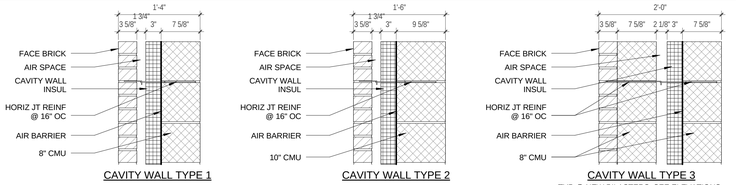
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

DRAWING NAME
WALL SECTIONS BLDG C

A 403

7/28/2016 4:29:43 PM

CAVITY WALL TYPE LEGEND



CAVITY WALL TYPE 1 | CAVITY WALL TYPE 2 | CAVITY WALL TYPE 3 (TYP @ NEW PILASTERS, SEE ELEVATIONS)

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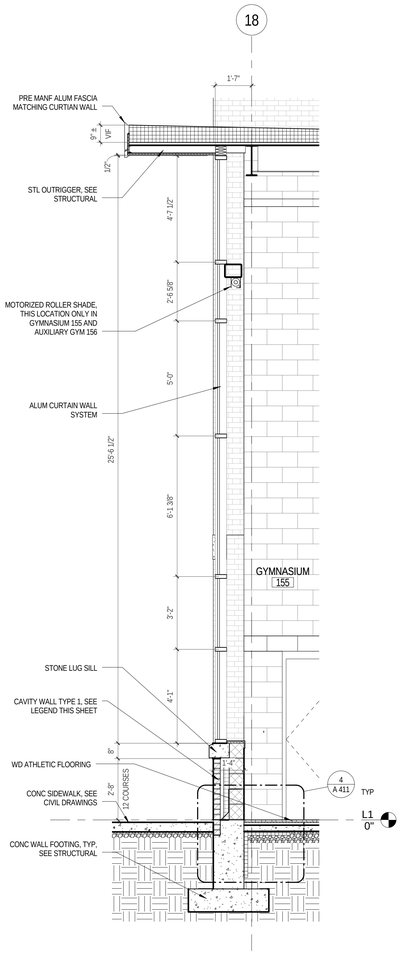

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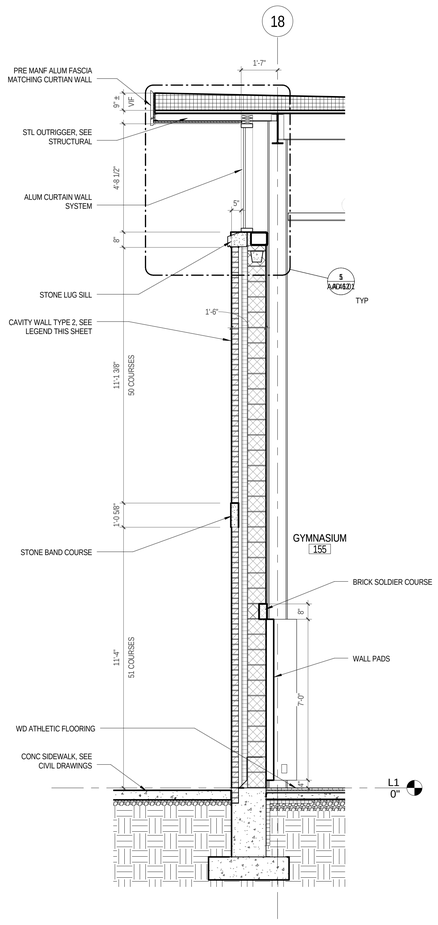
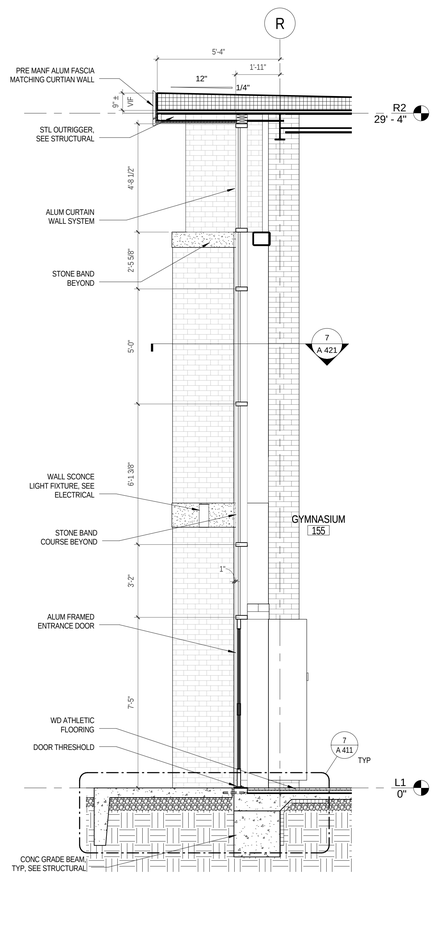
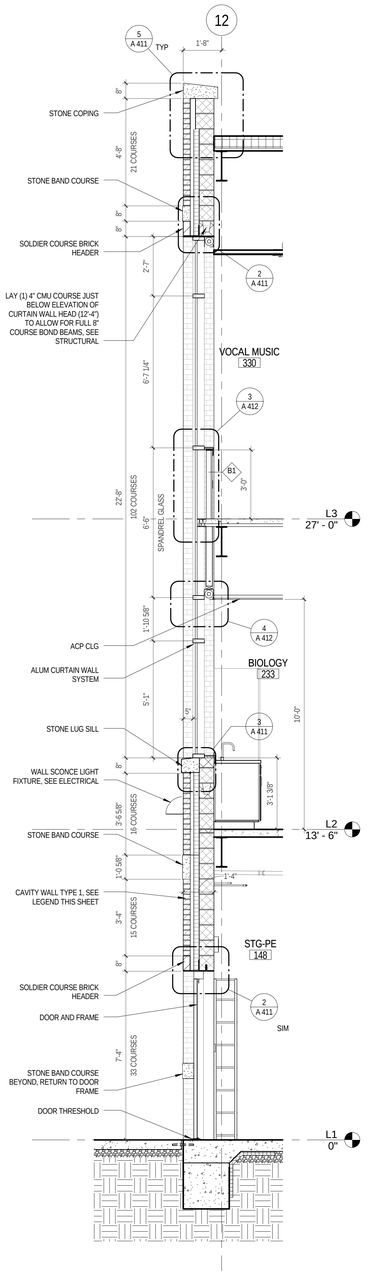
SCALE: 3/8" = 1'-0"



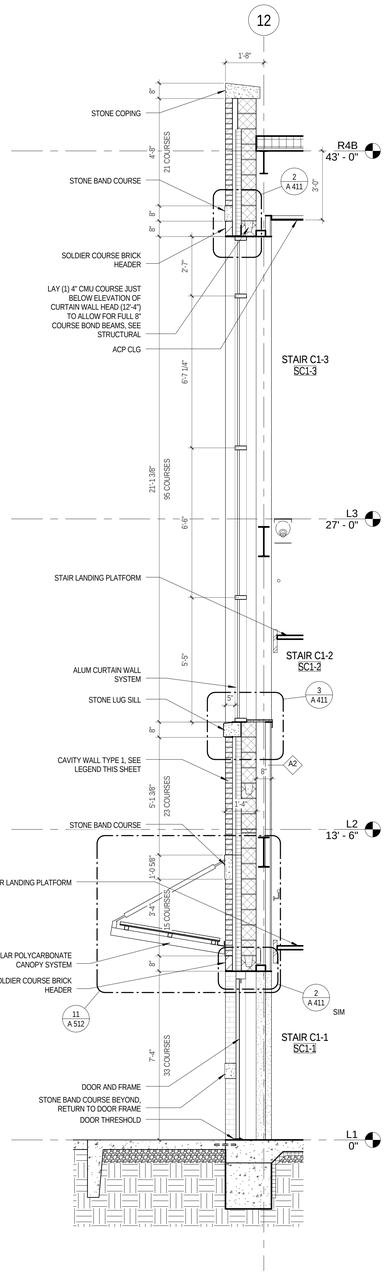
2 A 404 BLDG C SOUTH 3
SCALE: 3/8" = 1'-0"



3 A 404 BLDG C EAST 1
SCALE: 3/8" = 1'-0"



4 A 404 BLDG C NORTH 4
SCALE: 3/8" = 1'-0"



5 A 404 BLDG C NORTH 7
SCALE: 3/8" = 1'-0"

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LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

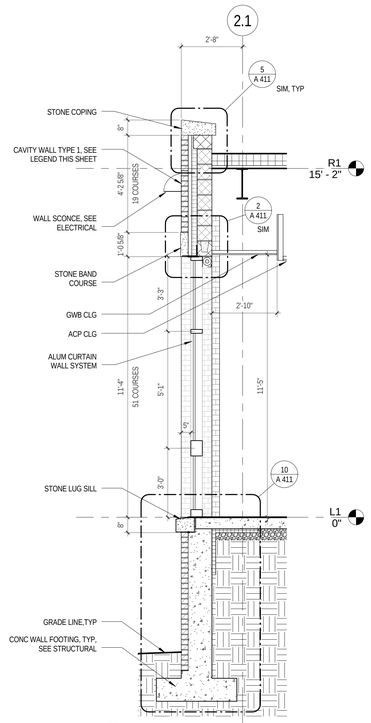
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

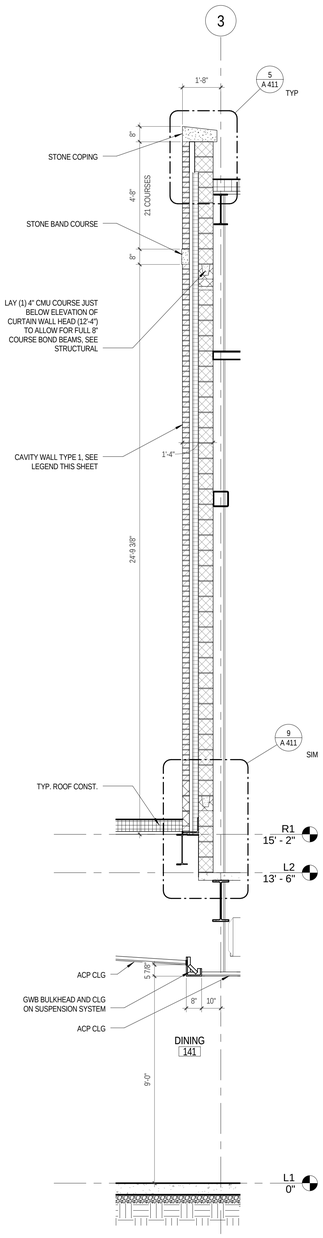
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
WALL SECTIONS BLDG C

A 404

7/28/2016 4:29:58 PM



1 A 405 BLDG C NORTH 3
SCALE: 3/8" = 1'-0"



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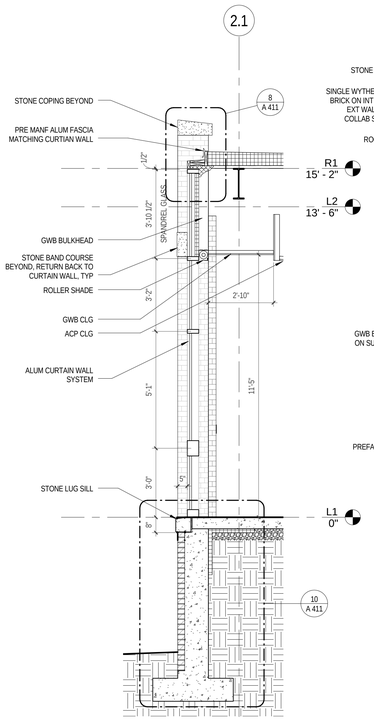
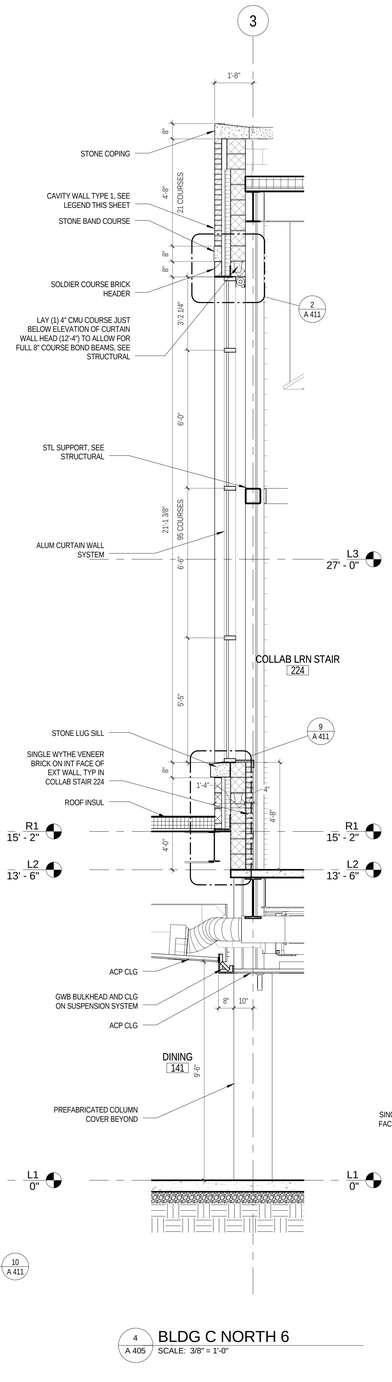
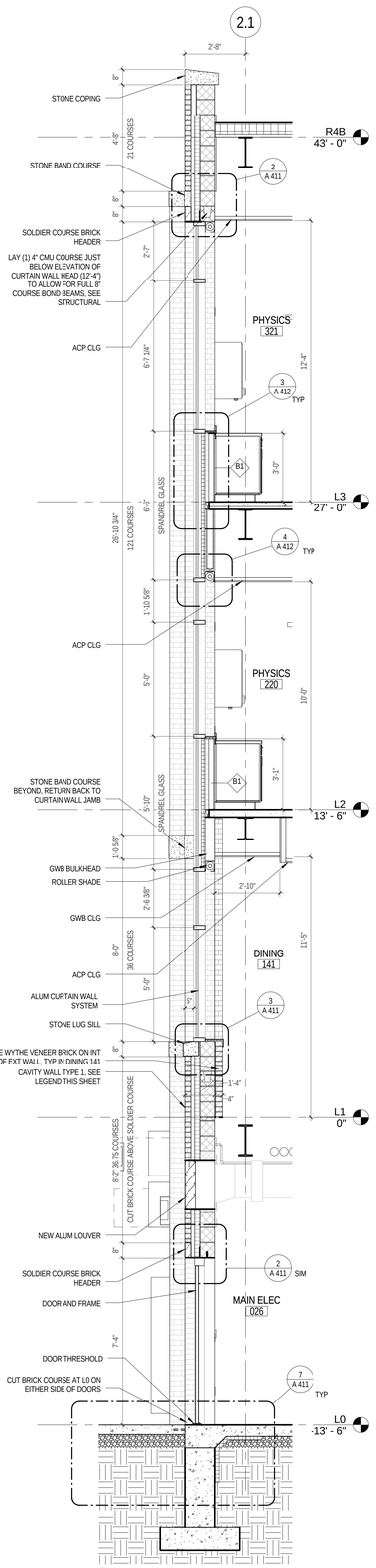


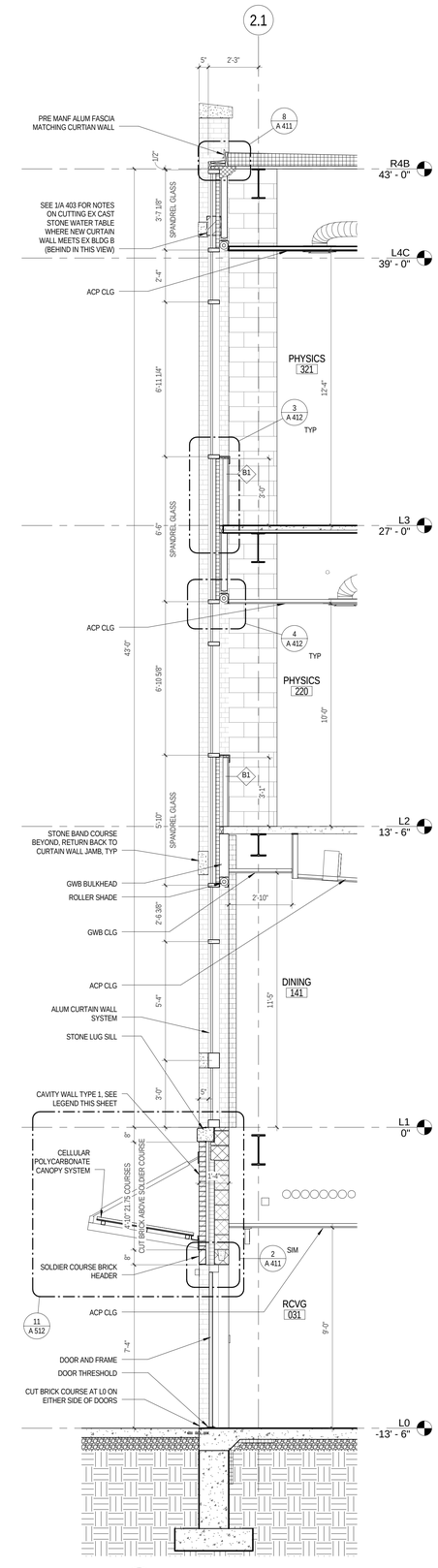
3 A 405 BLDG C NORTH 8
SCALE: 3/8" = 1'-0"



4 A 405 BLDG C NORTH 6
SCALE: 3/8" = 1'-0"

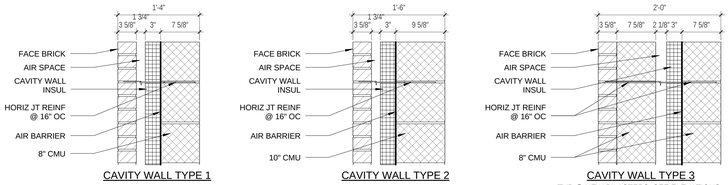


5 A 405 BLDG C NORTH 2
SCALE: 3/8" = 1'-0"



6 A 405 BLDG C NORTH 1
SCALE: 3/8" = 1'-0"

CAVITY WALL TYPE LEGEND



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EXPIRATION DATE: 8/3/2017

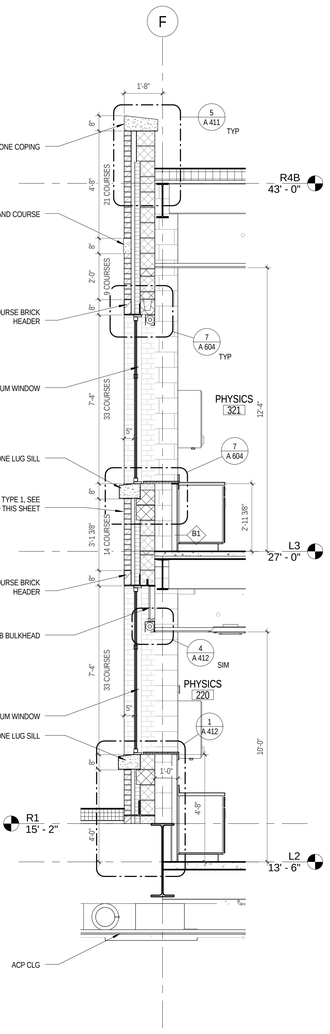
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

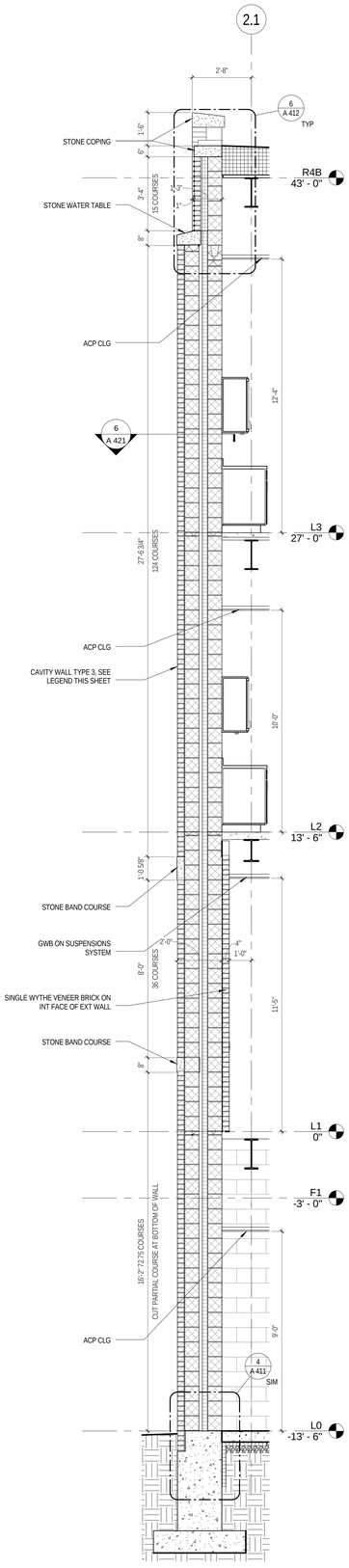
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
WALL SECTIONS BLDG C

A 405

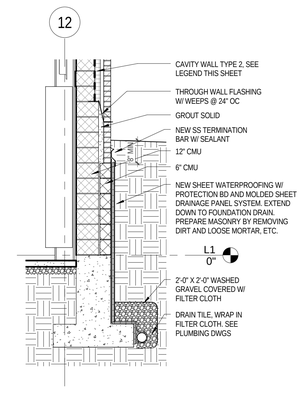
7/28/2016 4:30:16 PM



1 A 406 BLDG C EAST 2
SCALE: 3/8" = 1'-0"



2 A 406 BLDG C NORTH 10
SCALE: 3/8" = 1'-0"



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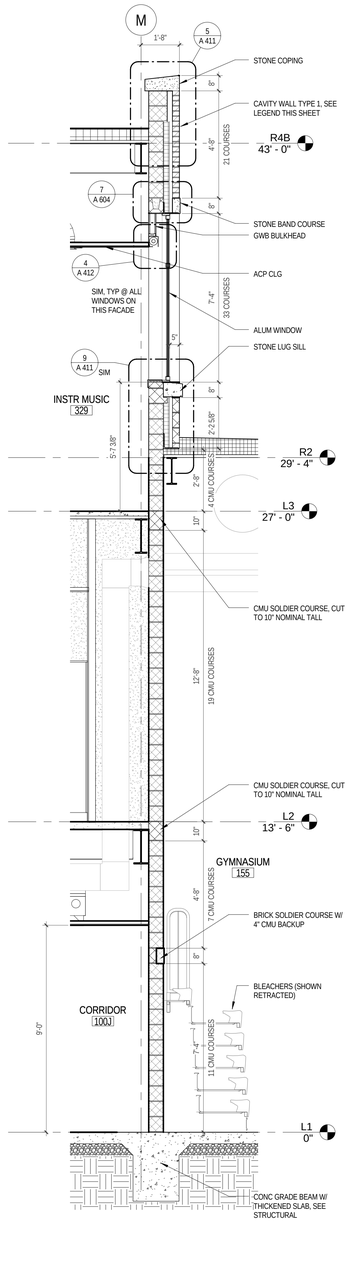
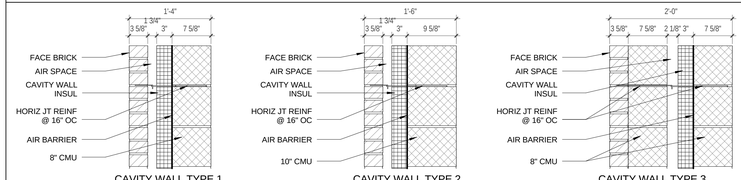
SCALE: 3/8" = 1'-0"



4 A 406 BLDG C GYM TO HIGH ROOF
SCALE: 3/8" = 1'-0"

CAVITY WALL TYPE LEGEND



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LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

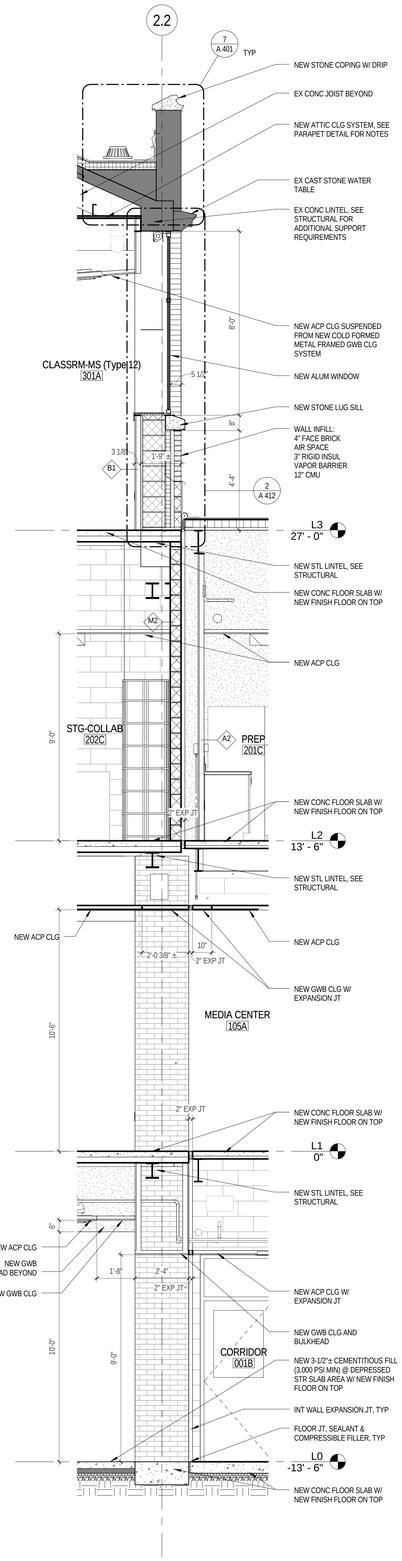
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

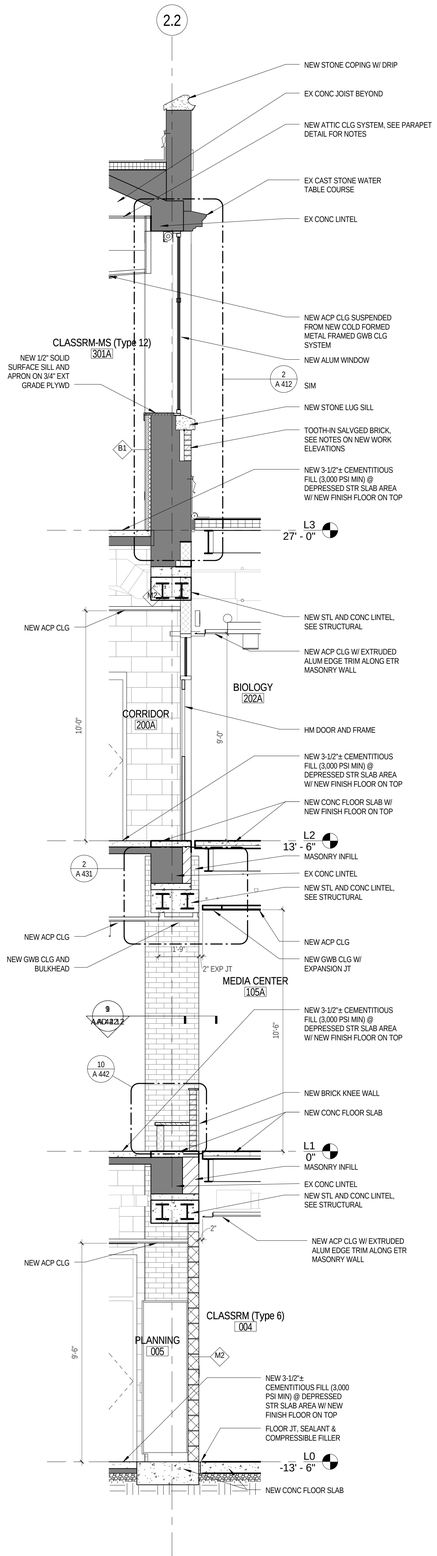
DRAWING NAME
WALL SECTIONS BLDG C

A 406

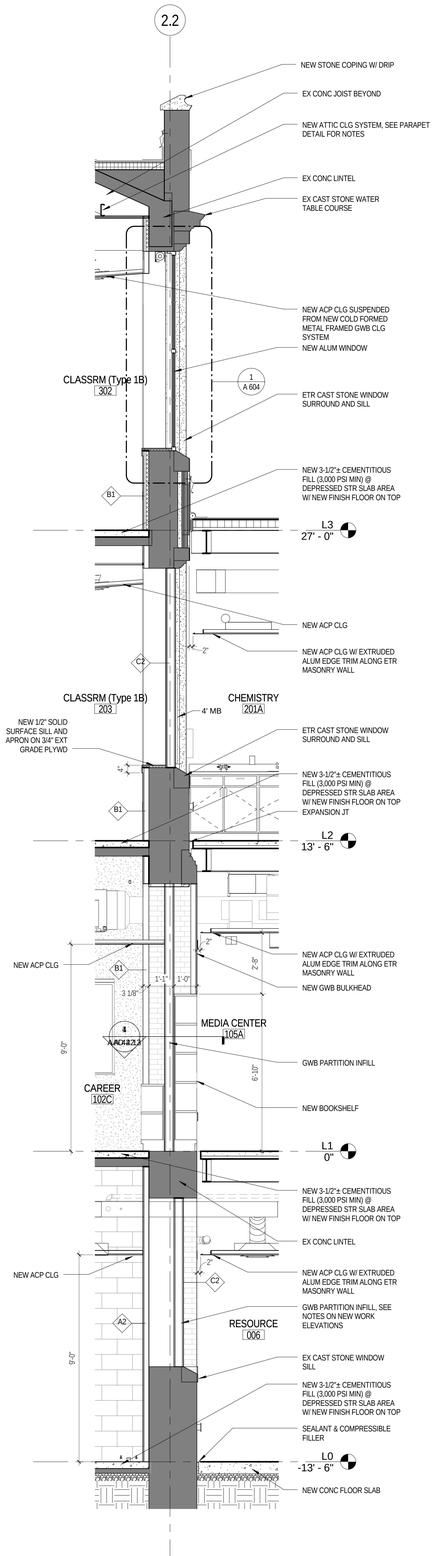
7/28/2016 4:30:30 PM



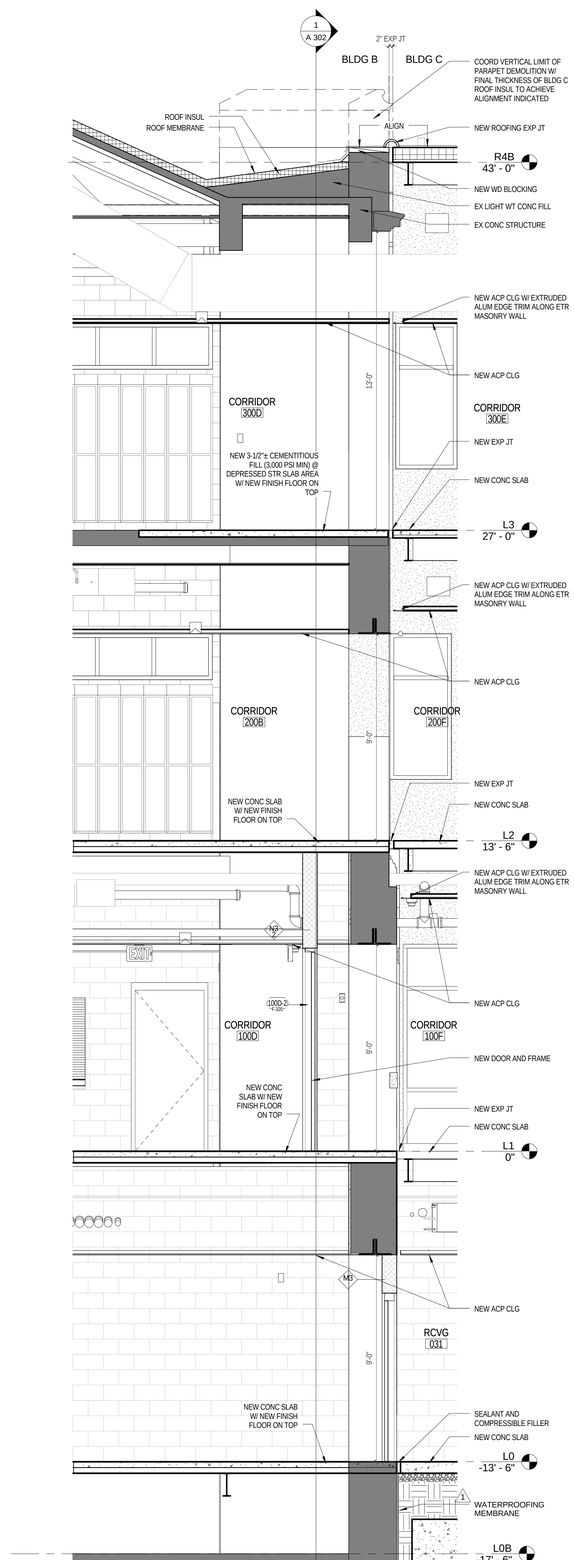
1 A 407 BLDG B ADDITION AT EXISTING WALL
SCALE: 3/8" = 1'-0"



2 A 407 BLDG B ADDITION AT EXISTING WALL 2
SCALE: 3/8" = 1'-0"



3 A 407 BLDG B ADDITION AT EXISTING WINDOWS
SCALE: 3/8" = 1'-0"



5 A 407 BLDG C AT BLDG B
SCALE: 3/8" = 1'-0"

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No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

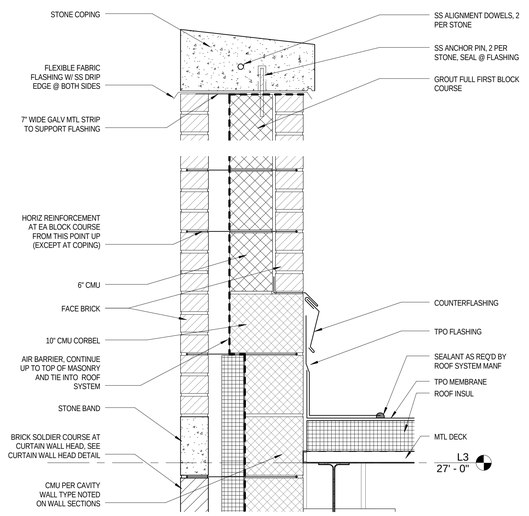
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 3/8" = 1'-0"

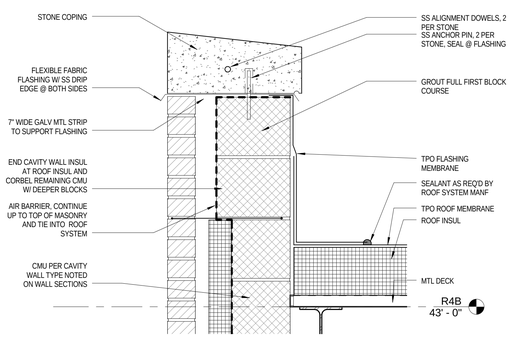
DRAWING NAME
WALL SECTIONS BLDG B & C INTERIOR

A 407

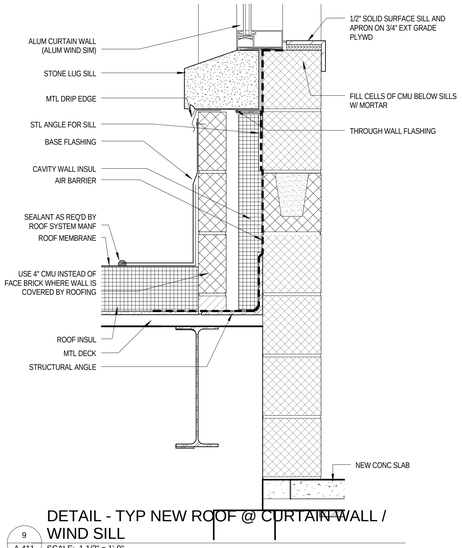
7/28/2016 4:30:46 PM



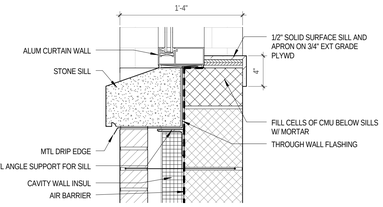
1 A 411 DETAIL - TYP PARAPET - BLDG B ADDITION
SCALE: 1 1/2" = 1'-0"



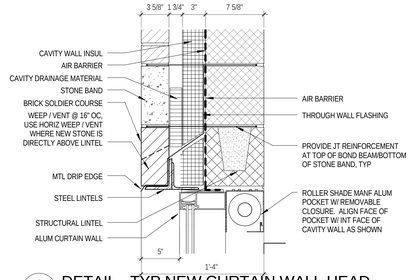
5 A 411 DETAIL - TYP PARAPET - BLDG C
SCALE: 1 1/2" = 1'-0"



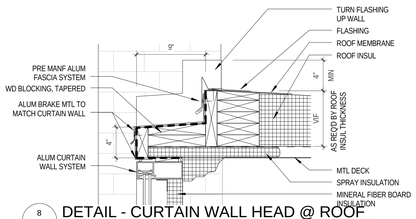
9 A 411 DETAIL - TYP NEW ROOF @ CURTAIN WALL / WIND SILL
SCALE: 1 1/2" = 1'-0"



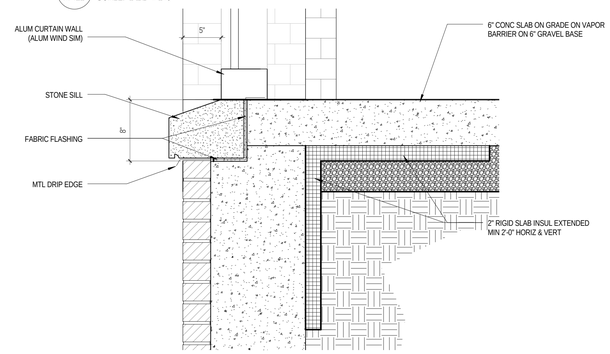
3 A 411 DETAIL - TYP NEW CURTAIN WALL SILL
SCALE: 1 1/2" = 1'-0"

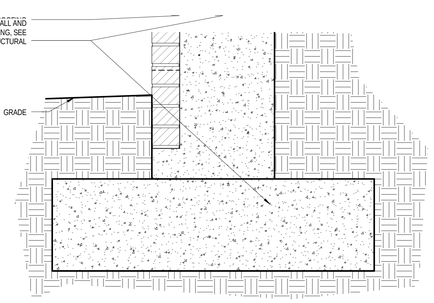


2 A 411 DETAIL - TYP NEW CURTAIN WALL HEAD
SCALE: 1 1/2" = 1'-0"

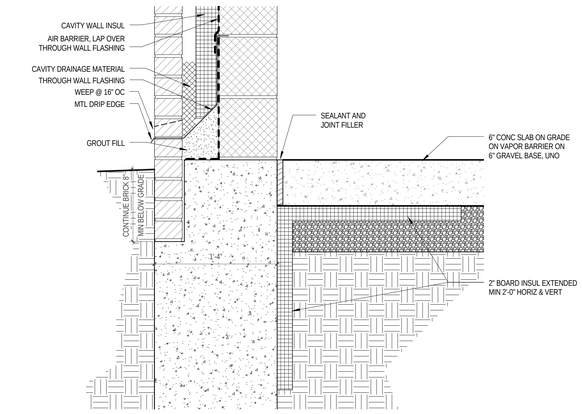


8 A 411 DETAIL - CURTAIN WALL HEAD @ ROOF
SCALE: 1 1/2" = 1'-0"

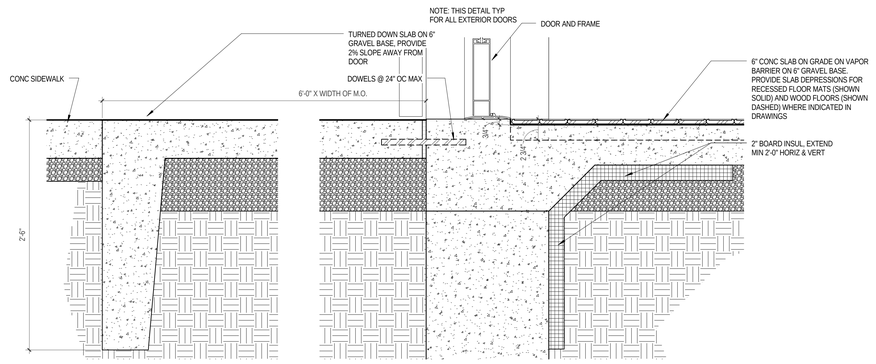




10 A 411 DETAIL - CURTAIN WALL SILL @ DINING
SCALE: 1 1/2" = 1'-0"



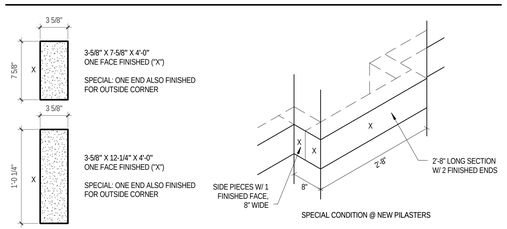
4 A 411 DETAIL - TYP NEW WALL @ GRADE
SCALE: 1 1/2" = 1'-0"



7 A 411 DETAIL - TYP NEW WALL @ DOOR
SCALE: 1 1/2" = 1'-0"

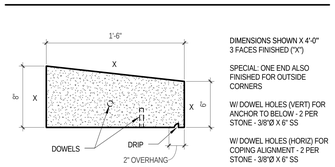
ADDITIONS

STONE BANDS



16 A 411 DETAIL - STONE SHAPES & GENERAL NOTES
SCALE: 1 1/2" = 1'-0"

COPING & EMBRASURE TOP



DIMENSIONS SHOWN X 4'-0" 3 FACES FINISHED ("X")

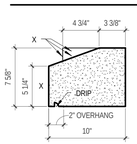
SPECIAL: ONE END ALSO FINISHED FOR OUTSIDE CORNERS

W/ DOWEL HOLES (VERT) FOR ANCHOR TO BELOW - 2 PER STONE - 3/8"Ø X 6" SS

W/ DOWEL HOLES (HORIZ) FOR COPING ALIGNMENT - 2 PER STONE - 3/8"Ø X 6" SS

GENERAL LIMESTONE PROFILE AND INSTALLATION NOTES:
1. STONE DIMENSIONS SHOWN ARE ACTUAL DIMENSIONS UNO
2. TYPICAL AT ALL STONE BANDS, RAKE BOTH TOP AND BOTTOM HORIZONTAL JOINTS AND ALL HEAD JOINTS TO 3/4" DEPTH AND INSTALL BOND BREAKER TAPE AND SEALANT
3. RAKE COPING STONE HEAD JOINTS TO 3/4" DEPTH AND INSTALL BOND BREAKER TAPE AND SEALANT. AT EVERY THIRD JOINT LEAVE CLEAR OF MORTAR AND INSTALL BACKER ROD AND SEALANT TO FORM MOVEMENT JT. TYP AT ALL COPING STONES
4. TYPICAL AT ALL STONE FEATURES OTHER THAN AS NOTED ABOVE, RAKE ALL STONE-TO-BRICK JOINTS TO 3/4" DEPTH AND INSTALL BOND BREAKER TAPE AND SEALANT

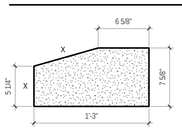
LUG SILL



DIMENSIONS SHOWN X WINDOW OPENING PLUS 3-5/8" @ EA JAMB FINISHED FACES AS NOTED W/ "X"

WINDOW OPENINGS ARE WIDER THAN 4'-0" MAX LENGTH, SO STONES WILL BE LEFT HAND & RIGHT HAND, OR STRAIGHT RUNS. BTWN LUG SILLS USE REGULAR 8" STONE BAND

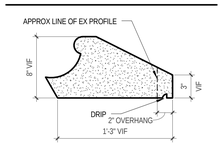
PILASTER WATER TABLE



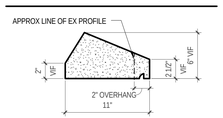
DIMENSIONS SHOWN X 2'-8" FRONT, TOP, AND ENDS FINISHED AS NOTED W/ "X"

EXISTING BUILDINGS

EXISTING COPING (BLDG A & B)

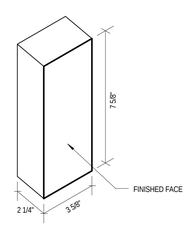


EXISTING EMBRASURE TOP (BLDG A)

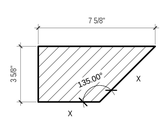


EXISTING BUILDING LIMESTONE PROFILE NOTES:
1. EX COPING STONES AT BLDG A & B TO BE REMOVED AND REPLACED W/ NEW, INCLUDING ALL TRANSITIONS AND SPECIAL SHAPES. SPECIAL SHAPES INCLUDE TRANSITIONS FROM HORIZ TO VERT, HORIZ TO ANGULAR, ARCHED, AND VARYING DEPTHS FOR A COMPLETE SYSTEM TO MATCH EX. CONTRACTOR TO FIELD VERIFY.
2. NEW STONE COPING SHALL MATCH EX PROFILE EXCEPT AN ADDITIONAL OVERHANG OF 2" INSIDE OF THE PARRAPET TO ALLOW FOR DRIP AS SHOWN.
3. EX EMBRASURE TOP STONES ON BLDG A ARE TO BE REPLACED. EMBRASURE BASE STONES ON BLDG B ARE TO BE REUSED UNLESS DAMAGED.
4. REPLACE EX DAMAGED STONES W/ NEW WHERE NOTED OR WHERE REQ'D TO MAINTAIN INTEGRITY OF EXT MASONRY.
5. TEN NEW LUG SILLS TO MATCH EX ARE TO BE PROVIDED FOR TYPE "D4" WINDOWS AT THE NORTHEAST FACADE OF BLDG A
6. ALL EX CAST STONE PROFILES NOTED TO BE REPLACED OR REPLICATED SHALL BE VERIFIED IN FIELD.

SAILOR COURSE FACE BRICK



135 DEGREE CORNER



FINISHED FACES AS NOTED W/ "X"

6 A 411 DETAIL - SPECIAL BRICK SHAPES
SCALE: 3" = 1'-0"

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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

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LICENSE NO.: 8802
EXPIRATION DATE: 8/3/2017

No.	DATE	DESCRIPTION

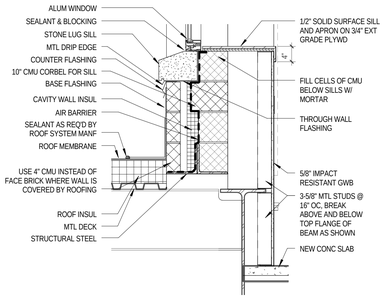
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME

EXTERIOR SECTION DETAILS

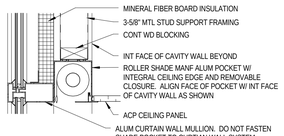
A 411

7/28/2016 4:31:07 PM



1 A 412 DETAIL - NEW ROOF AT WINDOW AT COL LINE F

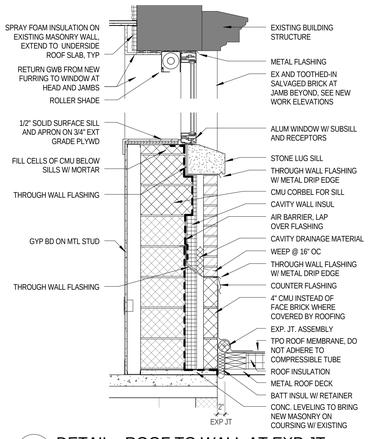
SCALE: 3/4" = 1'-0"



NOTE: UNDERSIDE OF CLG AND UNDERSIDE OF ALUM CURTAIN WALL MULLION DO NOT ALWAYS EXACTLY ALIGN AS SHOWN, SEE WALL SECTIONS

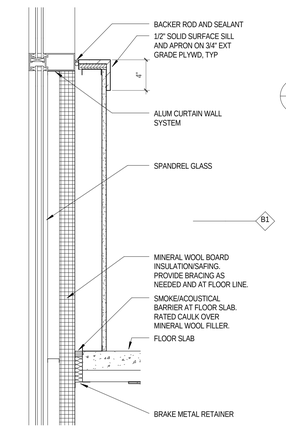
4 A 412 DETAIL - ROLLER SHADE AT CURTIAN WALL

SCALE: 1 1/2" = 1'-0"



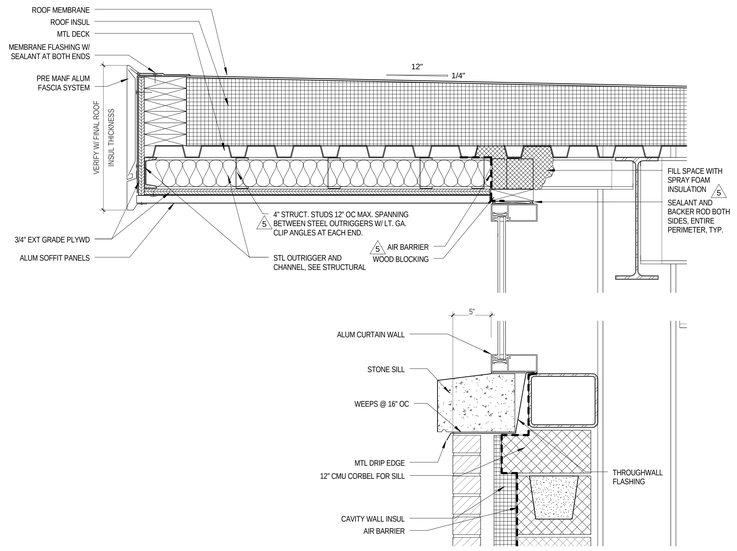
2 A 412 DETAIL - ROOF TO WALL AT EXP JT

SCALE: 3/4" = 1'-0"



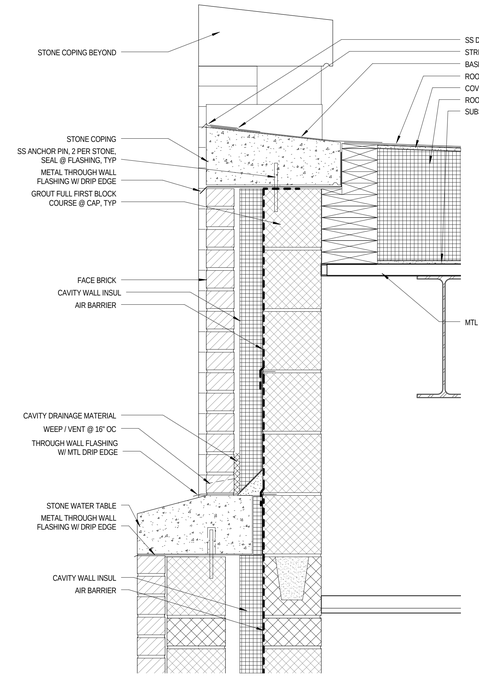
3 A 412 DETAIL - CURTAIN WALL @ FLOOR SLAB

SCALE: 1 1/2" = 1'-0"



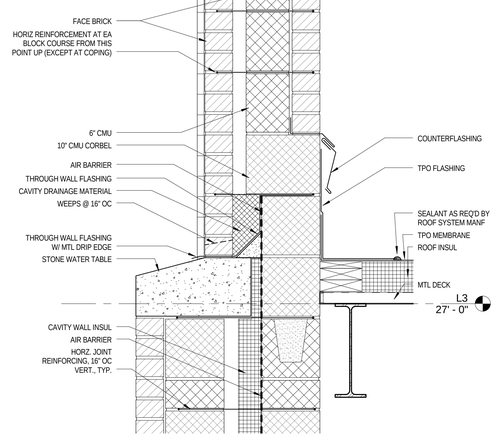
5 A 412 DETAIL - TYP CLERESTORY & SOFFIT @ GYM

SCALE: 1 1/2" = 1'-0"



6 A 412 DETAIL - BLDG C PILASTER @ PARAPET

SCALE: 1 1/2" = 1'-0"



7 A 412 DETAIL - BLDG B ADDITION PILASTER @ PARAPET

SCALE: 1 1/2" = 1'-0"

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Baltimore City Public Schools
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LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
5	6/7/16	POST BID ADDENDUM

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

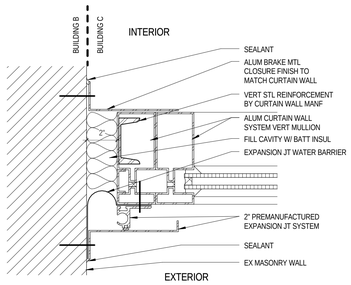
SCALE: As indicated

DRAWING NAME:

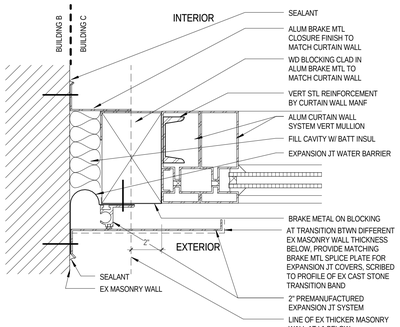
EXTERIOR SECTION DETAILS

A 412

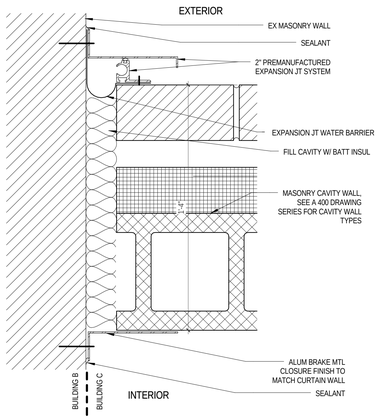
7/28/2016 4:31:20 PM



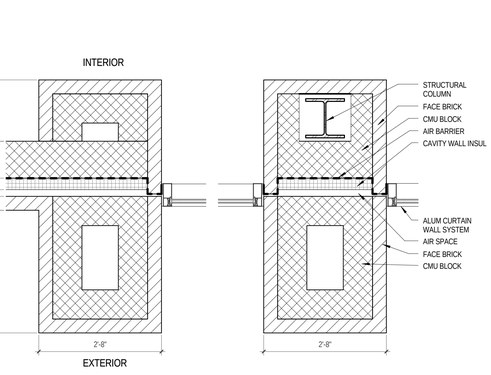
1 / A 421 PLAN DETAIL - BLDG B-TO-ADDITION EXP JT
SCALE: 3" = 1'-0"



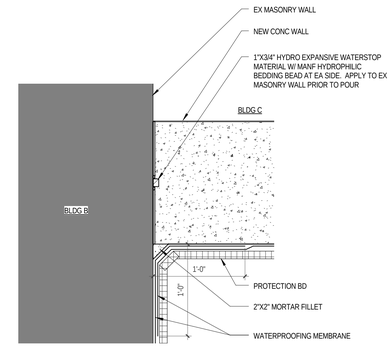
2 / A 421 PLAN DETAIL - BLDG B-TO-ADDITION EXP JT
SCALE: 3" = 1'-0"



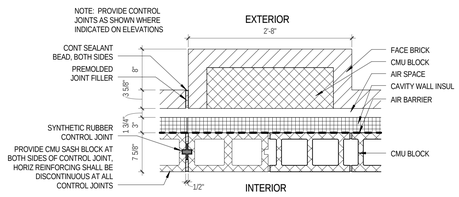
3 / A 421 PLAN DETAIL - BLDG B-TO-ADDITION EXP JT
SCALE: 3" = 1'-0"



5 / A 421 DETAIL - VERT BRICK REVEAL & CONTROL JOINT
SCALE: 3" = 1'-0"

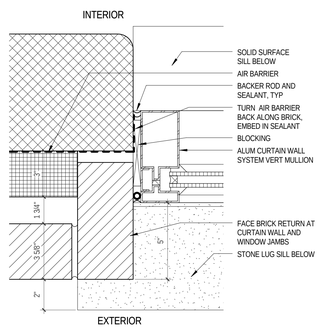


9 / A 421 DETAIL - BLDG B / BLDG C INTERSECTION BELOW GRADE WATERPROOFING
SCALE: 1 1/2" = 1'-0"

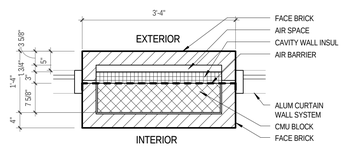


6 / A 421 PLAN DETAIL - NEW PILASTERS
SCALE: 1" = 1'-0"

7 / A 421 DETAIL - CURTAIN WALL JAMBS @ GYM
SCALE: 3/4" = 1'-0"



4 / A 421 DETAIL - TYP CURTAIN WALL JAMB
SCALE: 3" = 1'-0"



8 / A 421 DETAIL - CURTAIN WALL JAMBS @ DINING
SCALE: 3/4" = 1'-0"

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LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

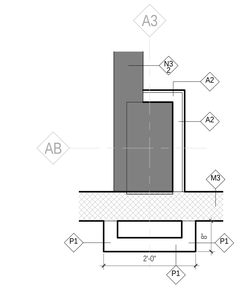
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

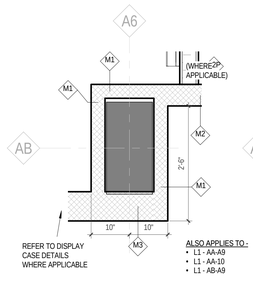
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
EXTERIOR PLAN DETAILS

A 421

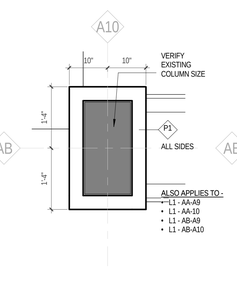
7/28/2016 4:31:32 PM



6 A 430 L1 - COL AB-A3
SCALE: 3/4" = 1'-0"



7 A 430 L1 - COL AB-A6
SCALE: 3/4" = 1'-0"



8 A 430 L1 - COL AB-A10
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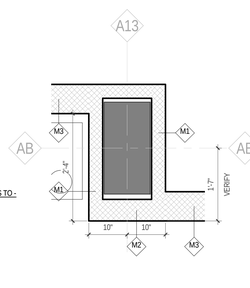

9 A 430 L1 - COL AB-A13
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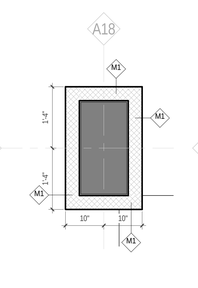
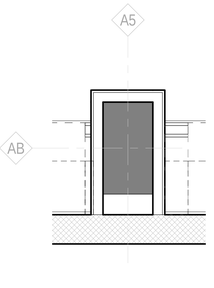
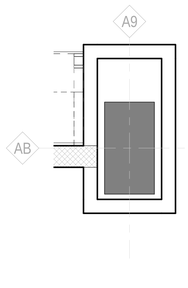


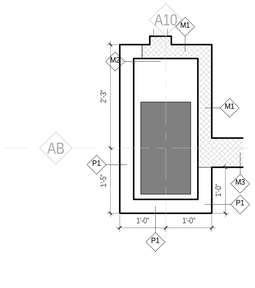
10 A 430 L1 - COL AB-A18
SCALE: 3/4" = 1'-0"



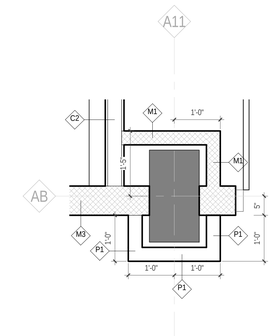
5 A 430 L0-1
SCALE: 3/4" = 1'-0"



15 A 430 L0-3
SCALE: 3/4" = 1'-0"



17 A 430 L0-4a
SCALE: 3/4" = 1'-0"



18 A 430 L0-5
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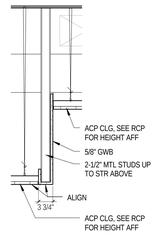

4 A 430 SOFFIT TYPE 1
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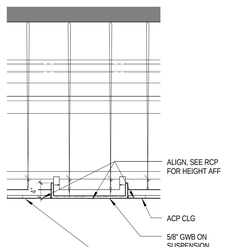

2 A 430 SOFFIT TYPE 2
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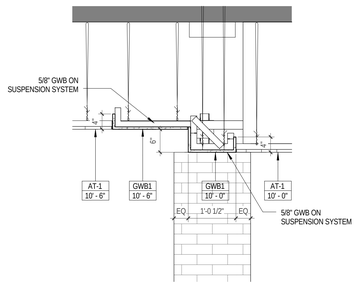

3 A 430 SOFFIT TYPE 3
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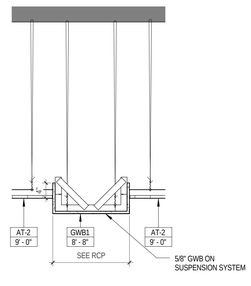

1 A 430 SOFFIT TYPE 4
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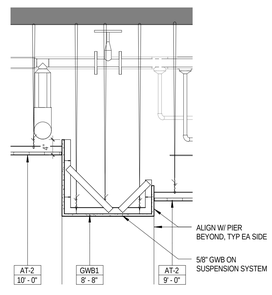
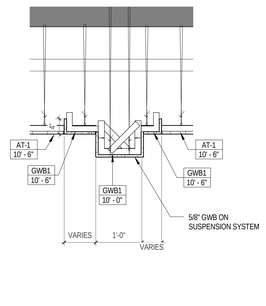
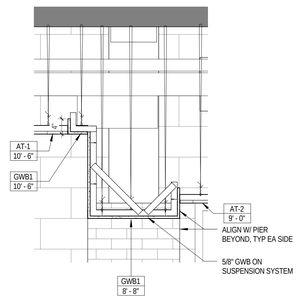


24 A 430 SOFFIT TYPE 5
SCALE: 3/4" = 1'-0"



22 A 430 SOFFIT TYPE 6
SCALE: 3/4" = 1'-0"



23 A 430 SOFFIT TYPE 7
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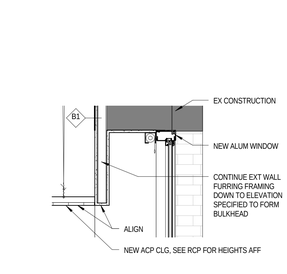

25 A 430 SOFFIT TYPE 8
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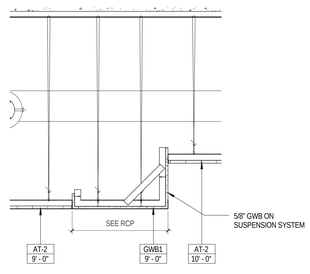

26 A 430 SOFFIT TYPE 9
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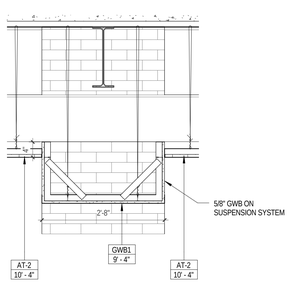

27 A 430 SOFFIT TYPE 10
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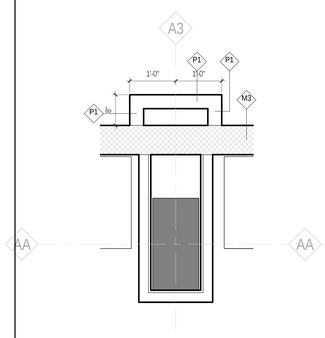

11 A 430 L1 - COL AA-A3
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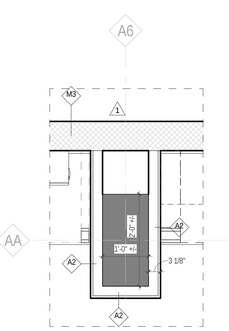

12 A 430 L1 - COL AA-A6
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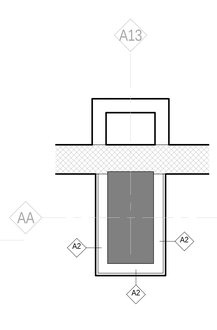

14 A 430 L1 - COL AA-A13
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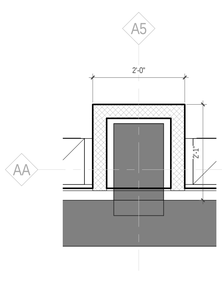

13 A 430 L0-2
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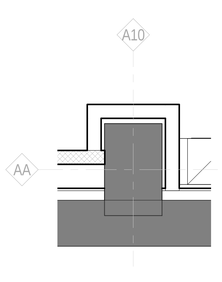

16 A 430 L0-4
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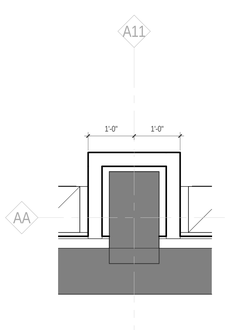

19 A 430 L0-6
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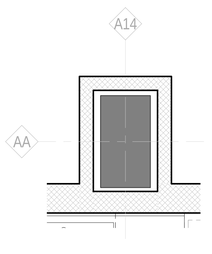
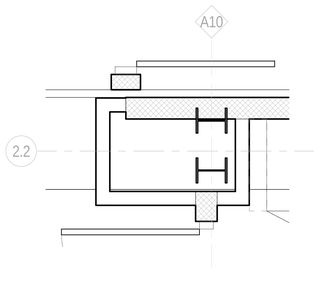


20 A 430 L0-7
SCALE: 3/4" = 1'-0"



21 A 430 L0-8
SCALE: 3/4" = 1'-0"

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ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

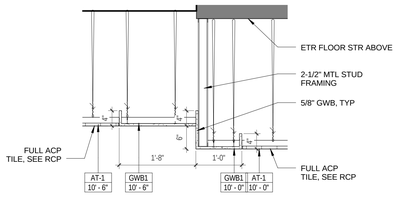
DATE: 3/31/16

SCALE: 3/4" = 1'-0"

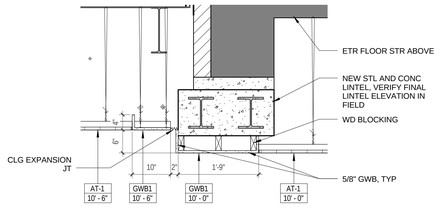
DRAWING NAME
INTERIOR DETAILS - CORRIDORS

A 430

7/28/2016 4:32:02 PM



1 A 431 CEILING DETAIL - MEDIA CENTER 1
SCALE: 3/4" = 1'-0"



2 A 431 CEILING DETAIL - MEDIA CENTER 2
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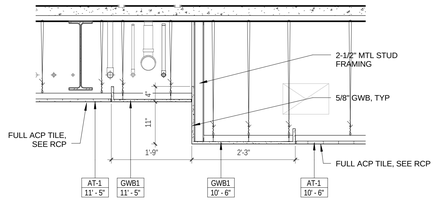

3 A 431 CEILING DETAIL - MEDIA CENTER 3
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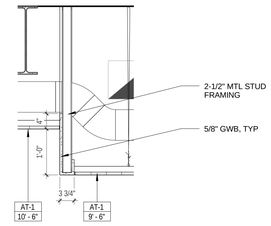

4 A 431 CEILING DETAIL - MEDIA CENTER 4
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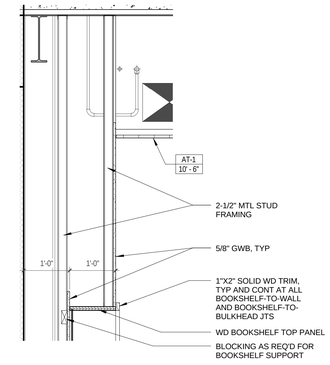

5 A 431 CEILING DETAIL - MEDIA CENTER 5
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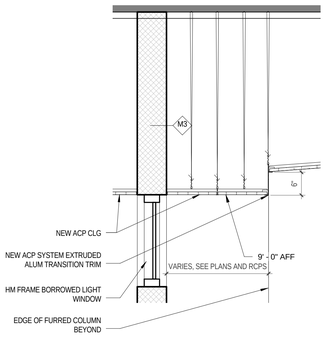
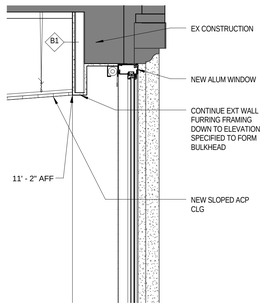
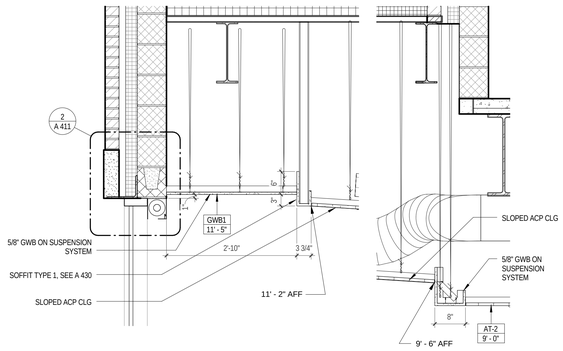
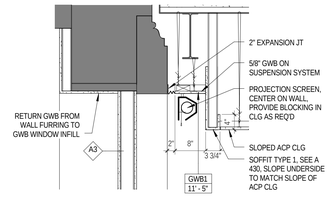




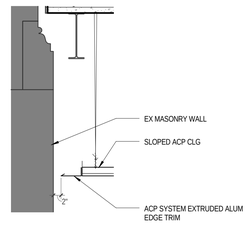
6 A 431 DETAIL - TYPICAL SLOPED CLG
SCALE: 3/4" = 1'-0"



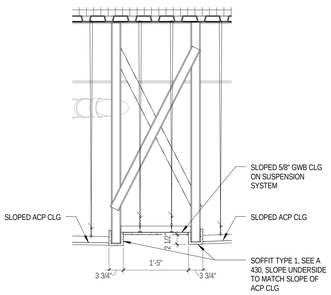
7 A 431 DETAIL - DINING CEILING
SCALE: 3/4" = 1'-0"



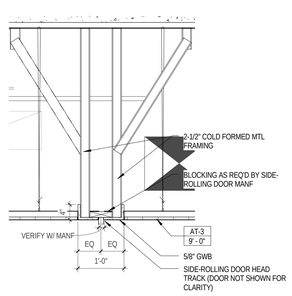
8 A 431 DETAIL - DINING CLG AT PROJ SCREEN
SCALE: 3/4" = 1'-0"



9 A 431 DETAIL - DINING CLG @ WALLS
SCALE: 3/4" = 1'-0"



10 A 431 DETAIL - DINING CLG @ BEND
SCALE: 3/4" = 1'-0"



11 A 431 DETAIL - DINING CLG @ DOOR TRACK
SCALE: 3/4" = 1'-0"

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

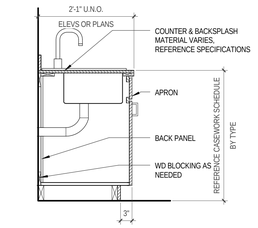
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

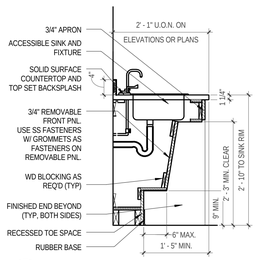
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 3/4" = 1'-0"
DRAWING NAME
INTERIOR DETAILS - MISC

A 431

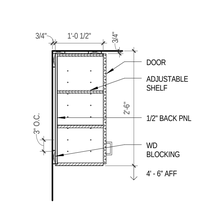
7/28/2016 4:32:20 PM



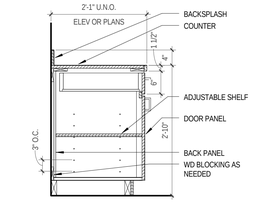
1 / A 440 SINK BASE CABINET
SCALE: 3/4" = 1'-0"



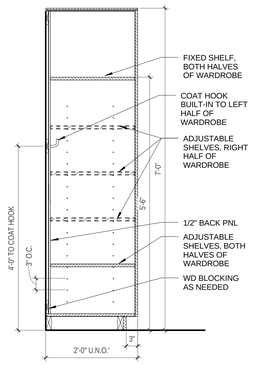
2 / A 440 ADA SINK BASE
SCALE: 3/4" = 1'-0"



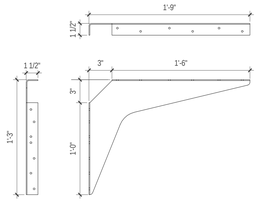
3 / A 440 WALL CABINET
SCALE: 3/4" = 1'-0"



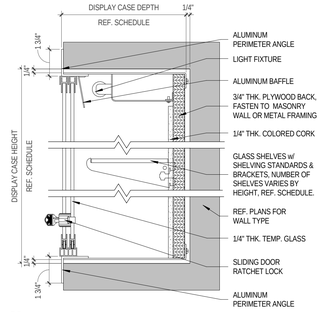
4 / A 440 BASE W/DRAWER
SCALE: 3/4" = 1'-0"



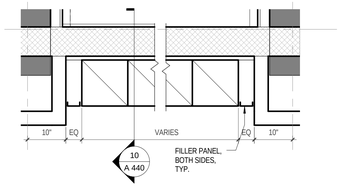
5 / A 440 TEACHER WARDROBE
SCALE: 3/4" = 1'-0"



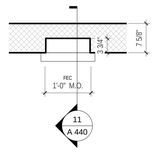
6 / A 440 COUNTER SUPPORT BRACKET
SCALE: 1 1/2" = 1'-0"



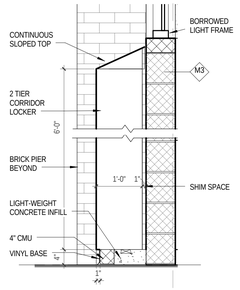
7 / A 440 DISPLAY CASE, TYPICAL
SCALE: 3" = 1'-0"



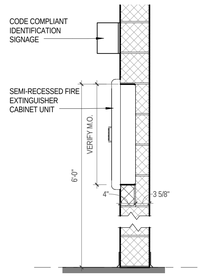
8 / A 440 TYP CORRIDOR LOCKERS
SCALE: 3/4" = 1'-0"



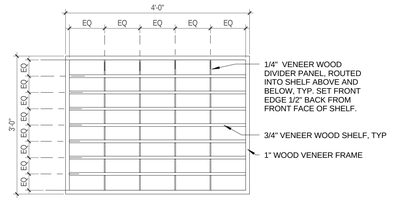
9 / A 440 TYP RECESSED FEC
SCALE: 3/4" = 1'-0"



10 / A 440 TYP CORRIDOR LOCKERS
SCALE: 3/4" = 1'-0"



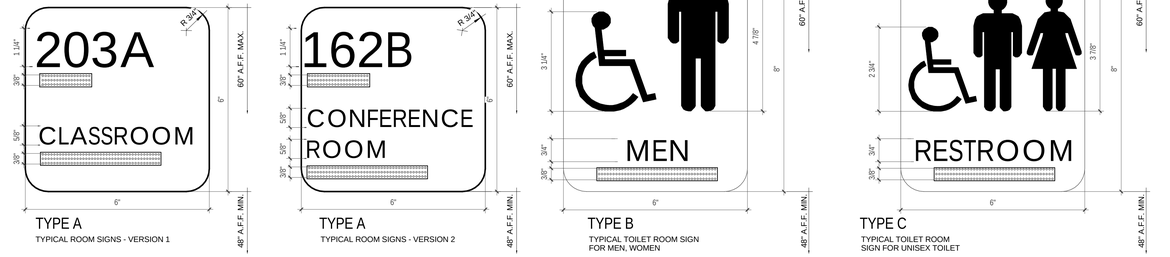
11 / A 440 TYP RECESSED FEC
SCALE: 3/4" = 1'-0"



1 / A 440 13 MAILBOX UNIT ELEVATION
SCALE: 3/4" = 1'-0"

DISPLAYCASE SCHEDULE

Type Mark	Description	Height	Width	Depth
DC-1	DISPLAY CASE UNIT	4' - 8"	4' - 0"	1' - 4"
DC-2	DISPLAY CASE UNIT	5' - 4"	6' - 0"	1' - 0"
DC-3	DISPLAY CASE UNIT	5' - 4"	8' - 0"	1' - 4"
DC-4	DISPLAY CASE UNIT	5' - 4"	10' - 0"	1' - 0"



12 / A 440 IDENTIFICATION SIGNAGE
SCALE: 6" = 1'-0"

CASEWORK SCHEDULE

Type Mark	Description	Height	Width	Depth	Type Comments
ADA	ADA SINK BASE	2' - 8 1/2"	0"		SEE ELEVATIONS FOR WIDTH
B1	BASE CABINET - 1 DOOR, 1 DRAWER	2' - 4 1/2"	1' - 6"	2' - 0"	
B1A	BASE CABINET - 1 DOOR, 1 DRAWER	2' - 4 1/2"	2' - 0"	2' - 0"	
B2	BASE CABINET - 1 DOOR, 1 DRAWER	2' - 8 1/2"	1' - 6"	1' - 4"	
B3	BASE CABINET - 1 DOOR, 1 DRAWER	2' - 8 1/2"	2' - 0"	2' - 0"	
B4	BASE CABINET - 1 DOOR, 1 DRAWER	2' - 8 1/2"	2' - 0"	2' - 0"	
B5	BASE CABINET - 1 DOOR, 1 DRAWER	2' - 10 1/2"	2' - 0"	2' - 0"	
B6	BASE CABINET - 2 DOORS, 2 DRAWERS	2' - 8 1/2"	2' - 6"	1' - 4"	
B8	BASE CABINET - 2 DOORS, 2 DRAWERS	2' - 8 1/2"	2' - 6"	2' - 0"	
B9	BASE CABINET - 2 DOORS, 2 DRAWERS	2' - 8 1/2"	3' - 0"	2' - 0"	
B10	BASE CABINET - 2 DOORS, 2 DRAWERS	2' - 8 1/2"	2' - 9"	2' - 0"	
B11	BASE CABINET - 2 DOORS, 2 DRAWERS	2' - 8 1/2"	3' - 3"	2' - 0"	
B12	BASE CABINET - 2 DOORS, 2 DRAWERS	2' - 8 1/2"	3' - 6"	2' - 0"	
B13	BASE CABINET - 2 DOORS, 2 DRAWERS	2' - 10 1/2"	3' - 0"	2' - 0"	
B14	BASE CABINET - 2 DOORS, APRON	2' - 8 1/2"	3' - 0"	2' - 0"	
B15	BASE CABINET - 2 DOORS, APRON	2' - 10 1/2"	3' - 0"	2' - 0"	
B16	BASE CABINET - PAPER STORAGE	2' - 8 1/2"	3' - 0"	2' - 0"	
B17	BASE CABINET - PAPER STORAGE	2' - 10 1/2"	3' - 0"	2' - 6"	
B18	BASE CABINET - 3 DRAWERS	2' - 8 1/2"	3' - 0"	2' - 0"	
B19	BASE CABINET - 3 DRAWERS	2' - 10 1/2"	2' - 0"	2' - 0"	
B20	BASE CABINET - 3 DRAWERS	2' - 10 1/2"	3' - 0"	2' - 0"	
CF	CABINET FILLER				WIDTH VARIES - VERIFY IN FIELD
CS	ANGLED COUNTER SUPPORT				
F	WALL CABINET FILLER PANEL			1' - 2"	
LADA	LAB ADA SINK BASE	2' - 8 1/2"	0"	2' - 0"	SEE ELEVATIONS FOR WIDTH
LB1	LAB BASE CABINET - 1 DOOR, 1 DRAWER	2' - 8 1/2"	1' - 6"	2' - 0"	
LB2	LAB BASE CABINET - 1 DOOR, 1 DRAWER	2' - 10 1/2"	1' - 6"	2' - 0"	
LB3	LAB BASE CABINET - 1 DOOR, 1 DRAWER	2' - 10 1/2"	2' - 0"	2' - 0"	
LB4	LAB BASE CABINET - 1 DOOR, APRON	2' - 10 1/2"	1' - 6"	2' - 0"	
LB5	LAB BASE CABINET - 1 DOOR, APRON	2' - 10 1/2"	2' - 0"	2' - 0"	
LB6	LAB BASE CABINET - 2 DOORS, 2 DRAWERS	2' - 8 1/2"	2' - 6"	2' - 0"	
LB7	LAB BASE CABINET - 2 DOORS, 2 DRAWERS	2' - 8 1/2"	3' - 0"	2' - 0"	
LB8	LAB BASE CABINET - 2 DOORS, 2 DRAWERS	2' - 10 1/2"	2' - 6"	2' - 0"	
LB9	LAB BASE CABINET - 2 DOORS, 2 DRAWERS	2' - 10 1/2"	3' - 0"	2' - 0"	
LB10	LAB BASE CABINET - 2 DOORS, 2 DRAWERS	2' - 10 1/2"	3' - 6"	2' - 0"	
LB11	LAB BASE CABINET - 2 DOORS, APRON	2' - 10 1/2"	3' - 6"	2' - 0"	
LB12	LAB BASE CABINET - ACID STORAGE	2' - 11"	4' - 0"	1' - 10"	
LT1	LAB TALL STORAGE	7' - 0"	3' - 0"	2' - 0"	
LT2	LAB TEACHER WARDROBE	7' - 0"	3' - 0"	2' - 0"	
LT3	LAB MICROSCOPE CABINET	7' - 0"	3' - 0"	2' - 0"	
LT4	LAB TALL STORAGE	7' - 0"	3' - 0"	1' - 10"	
LW1G	LAB WALL CABINET - GOGGLE STORAGE	2' - 0"	2' - 0"	1' - 2"	COORDINATE WITH ELECTRICAL
LW2	LAB WALL CABINET - 2 DOORS -	2' - 0"	3' - 6"	1' - 2"	
LW3	LAB WALL CABINET - 2 DOORS -	2' - 6"	2' - 0"	1' - 2"	
LW4	LAB WALL CABINET - 2 DOORS -	2' - 6"	2' - 6"	1' - 2"	
LW4G	LAB WALL CABINET - 2 DOORS	2' - 6"	2' - 6"	1' - 0"	COORDINATE WITH ELECTRICAL
LW5	LAB WALL CABINET - 2 DOORS -	2' - 6"	2' - 9"	1' - 2"	
LW6	LAB WALL CABINET - 2 DOORS -	2' - 6"	3' - 0"	1' - 2"	
LW6A	LAB WALL CABINET - 2 DOORS	2' - 6"	3' - 0"	1' - 0"	COORDINATE WITH ELECTRICAL
LW6G	LAB WALL CABINET - GOGGLE STORAGE	2' - 6"	3' - 0"	1' - 2"	COORDINATE WITH ELECTRICAL
M1	INSTRUMENT STORAGE CABINET	7' - 1 5/8"	2' - 3 1/2"	1' - 7 1/4"	
M2	INSTRUMENT STORAGE CABINET	7' - 1 5/8"	2' - 3 1/2"	2' - 5 1/4"	
M3	INSTRUMENT STORAGE CABINET	7' - 1 5/8"	2' - 3 1/2"	2' - 5 1/4"	
M4	INSTRUMENT STORAGE CABINET	7' - 1 5/8"	2' - 3 1/2"	3' - 3 1/4"	
M5	INSTRUMENT STORAGE CABINET	7' - 1 5/8"	2' - 3 1/2"	2' - 5 1/4"	
M6	INSTRUMENT STORAGE CABINET	7' - 1 5/8"	2' - 3 1/2"	3' - 3 1/4"	
M7	INSTRUMENT STORAGE CABINET	7' - 1 5/8"	4' - 0 1/2"	2' - 5 1/4"	
M8	INSTRUMENT STORAGE CABINET	7' - 1 5/8"	5' - 0 1/2"	3' - 3 1/4"	
S1	LOW BOOKSHELF - 1 ADJST SHELF	2' - 8"	3' - 0"	1' - 0"	
S2	LOW BOOKSHELF - 1 ADJST SHELF	3' - 0"	3' - 0"	1' - 0"	
S3	LOW BOOKSHELF - 4 ADJST SHELVES	3' - 4"	3' - 0"	1' - 0"	
S4	LOW BOOKSHELF - 1 ADJST SHELF	3' - 0"	3' - 2"	1' - 0"	
S5	LOW BOOKSHELF - 1 ADJST SHELF	3' - 0"	3' - 4"	1' - 0"	
S6	LOW BOOKSHELF - 2 SIDES, 1 ADJ SHELF EA SIDE	3' - 0"	3' - 0"	2' - 0"	
S7	TALL BOOKSHELF - 4 ADJST SHELVES	6' - 10"	2' - 0"	1' - 0"	
S8	TALL BOOKSHELF - 4 ADJST SHELVES	6' - 10"	2' - 4"	1' - 0"	
S9	TALL BOOKSHELF - 4 ADJST SHELVES	6' - 10"	2' - 6"	1' - 0"	
S10	TALL BOOKSHELF - 4 ADJST SHELVES	6' - 10"	3' - 0"	1' - 0"	
S11	TALL UTILITY SHELVES	7' - 0"	3' - 0"	1' - 0"	
S12	TALL UTILITY SHELVES	7' - 0"	3' - 0"	2' - 0"	
S13	TALL BOOKSHELF - 4 ADJST SHELVES	7' - 0"	5' - 0"	1' - 0"	
S13A	TALL UTILITY SHELVES	7' - 0"	4' - 0"	2' - 0"	
S14	WIRE SHELVING	7' - 0"	3' - 0"	1' - 0"	
S15	LOW BOOKSHELF - 2 SIDES, 1 ADJST SHELF EA SIDE	3' - 6"	2' - 8"	2' - 0"	
S16	LOW BOOKSHELF - 1 ADJST SHELF	3' - 6"	2' - 8"	1' - 0"	
S17	LOW BOOKSHELF - 1 ADJST SHELF	3' - 6"	2' - 4"	1' - 0"	
T1	TALL STORAGE	7' - 0"	2' - 6"	2' - 0"	
T2	TALL STORAGE	7' - 0"	3' - 0"	2' - 0"	
T3	TEACHER WARDROBE	7' - 0"	3' - 0"	2' - 0"	
T3A	TEACHER WARDROBE	7' - 0"	2' - 6"	2' - 0"	
T4	LOCKABLE TALL STORAGE	7' - 0"	3' - 0"	2' - 0"	
T5	SOUND SYSTEM CABINET	7' - 0"	3' - 0"	2' - 0"	
T6	TALL TOTE STORAGE	7' - 0"	3' - 0"	2' - 0"	
T7	TOOL CABINET	7' - 0"	3' - 0"	2' - 0"	
T8	TOOL CABINET	7' - 0"	2' - 6"	2' - 0"	
W1	WALL CABINET - 1 DOOR	2' - 6"	1' - 6"	1' - 2"	
W2	WALL CABINET - 1 DOOR	2' - 6"	2' - 0"	1' - 2"	
W3	WALL CABINET - 2 DOORS	2' - 6"	2' - 6"	1' - 2"	
W4	WALL CABINET - 2 DOORS	2' - 6"	3' - 0"	1' - 2"	
W5	WALL CABINET - 2 DOORS	2' - 0"	3' - 0"	1' - 2"	
W5G	WALL CABINET - 2 DOORS - GOGGLE STORAGE	2' - 6"	3' - 0"	1' - 0"	COORDINATE WITH ELECTRICAL
W6	WALL CABINET - 2 DOORS	2' - 6"	2' - 9"	1' - 2"	
W7	WALL CABINET - 2 DOORS	2' - 6"	3' - 3"	1' - 2"	
W9	WALL CABINET - 2 DOORS	2' - 6"	3' - 6"	1' - 2"	
W9G	WALL CABINET - 2 DOORS - GOGGLE STORAGE	2' - 6"	3' - 6"	1' - 2"	COORDINATE WITH ELECTRICAL
W10	WALL CABINET - 2 DOORS	2' - 0"	3' - 6"	1' - 2"	
WCM	WALL MAILBOX SLOTS UNIT	3' - 0"	4' - 0"	1' - 2"	

CASEWORK NOTES:

1. EDUCATIONAL CASEWORK (ALL CASEWORK IN CLASSROOMS AND WORKROOMS) BASE BID IS SPECIFIED IN SECTION 123216, "MANUFACTURED PLASTIC LAMINATE FACED CASEWORK", ALTERNATE SPECIFICATION IS AS SPECIFIED IN "WOOD LABORATORY CASEWORK", SECTION 123553.19. ART ROOM CASEWORK IS AS SPECIFIED IN 123553.19 WOOD LABORATORY CASEWORK. /2
2. MUSIC STORAGE CASEWORK IN ROOM 329A, INSTRUMENTAL STORAGE, IS SPECIFIED IN SECTION 123216.
3. WOOD LABORATORY CASEWORK IS SPECIFIED IN SECTION 123553.19.
4. CUSTOM WOOD CASEWORK IS SPECIFIED IN "WOOD VENEER FACED ARCHITECTURAL CABINETS", SECTION 064113.
2 5. DESIGNATIONS C2434, LC2434, AND SIMILAR TAGS CALL OUT COUNTERTOPS. COUNTERTOP MATERIAL IS EPOXY RESIN AT ALL SCIENCE ROOMS AND ART ROOMS AND PLASTIC LAMINATE AT ALL OTHER LOCATIONS UNLESS NOTED OTHERWISE.

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STV, INC.
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ALBRECHT ENGINEERING
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ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2
2	4/27/16	ADDENDUM 3

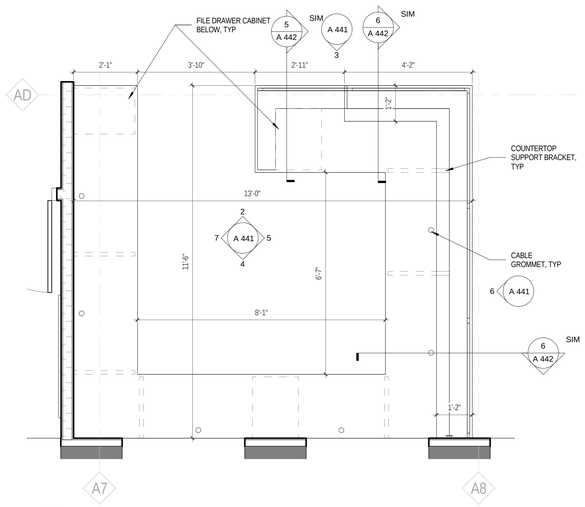
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME

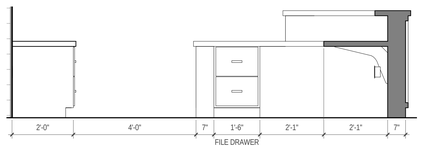
CASEWORK SCHEDULE, DETAILS, SIGNAGE

A 440

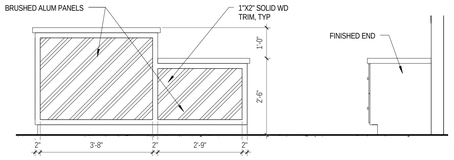
7/28/2016 4:32:36 PM



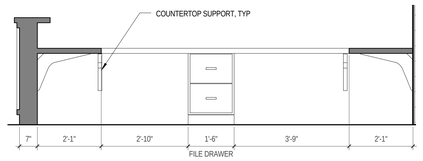
1 A 441 — L1 RECEPTION DESK
SCALE: 1/2" = 1'-0"



2 A 441 — L1 RECEPTION DESK - NORTH
SCALE: 1/2" = 1'-0"



3 A 441 — L1 RECEPTION DESK - SOUTH A
SCALE: 1/2" = 1'-0"



4 A 441 — L1 RECEPTION DESK - SOUTH B
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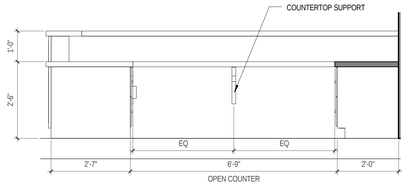
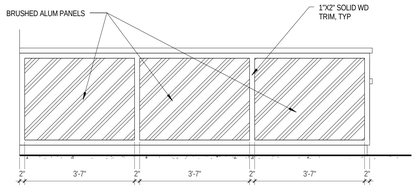
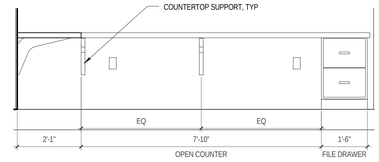


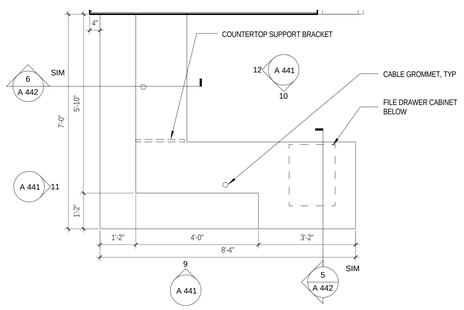
5 A 441 — L1 RECEPTION DESK - EAST
SCALE: 1/2" = 1'-0"



6 A 441 — L1 RECEPTION DESK - WEST
SCALE: 1/2" = 1'-0"



7 A 441 — L1 RECEPTION DESK - WEST 1
SCALE: 1/2" = 1'-0"



8 A 441 — L0B - INDEP. ADMIN RECEPTION DESK
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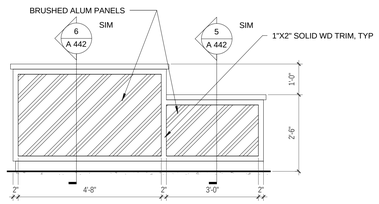
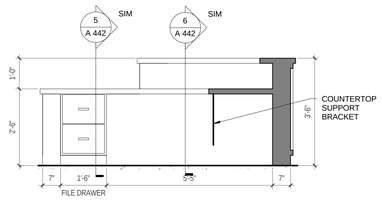
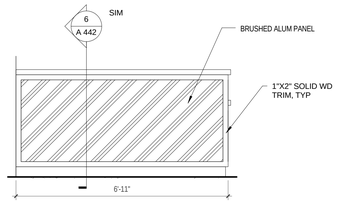


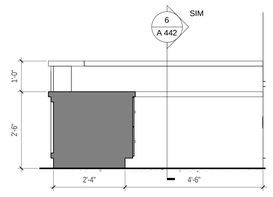
9 A 441 — L0 RECEPTION DESK - NORTH
SCALE: 1/2" = 1'-0"



10 A 441 — L0 RECEPTION DESK - SOUTH
SCALE: 1/2" = 1'-0"



11 A 441 — L0 RECEPTION DESK - EAST
SCALE: 1/2" = 1'-0"



12 A 441 — L0 RECEPTION DESK - WEST
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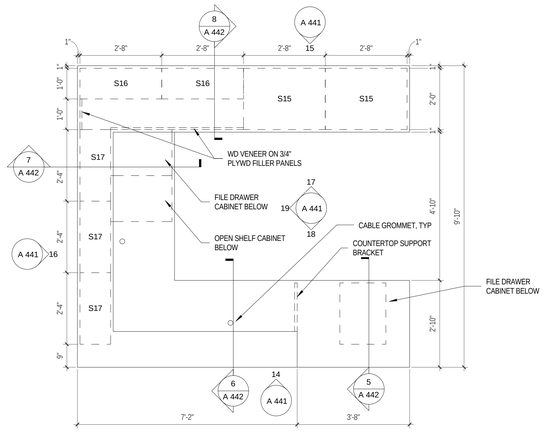
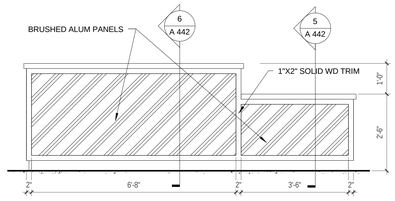
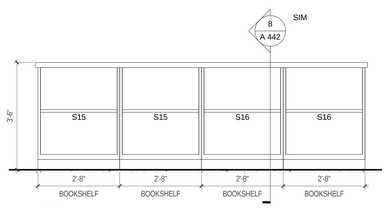


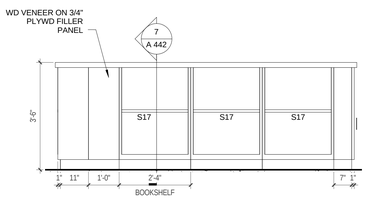
13 A 441 — MEDIA CENTER CIRCULATION DESK
SCALE: 1/2" = 1'-0"



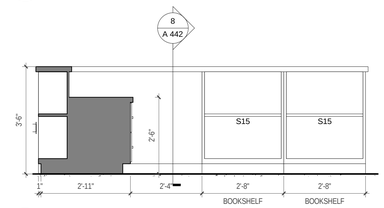
14 A 441 — MEDIA CENTER DESK - NORTH A
SCALE: 1/2" = 1'-0"



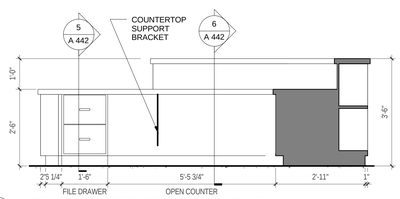
15 A 441 — MEDIA CENTER DESK - SOUTH A
SCALE: 1/2" = 1'-0"



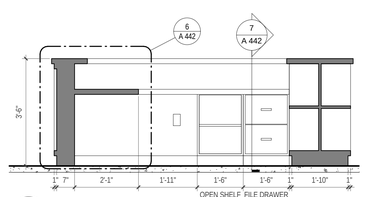
16 A 441 — MEDIA CENTER DESK - EAST
SCALE: 1/2" = 1'-0"



17 A 441 — MEDIA CENTER DESK - NORTH B
SCALE: 1/2" = 1'-0"



18 A 441 — MEDIA CENTER DESK - SOUTH B
SCALE: 1/2" = 1'-0"



19 A 441 — MEDIA CENTER DESK - WEST
SCALE: 1/2" = 1'-0"

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LANDSCAPE ARCHITECT
MAHAN RYKIEL ASSOCIATES
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EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

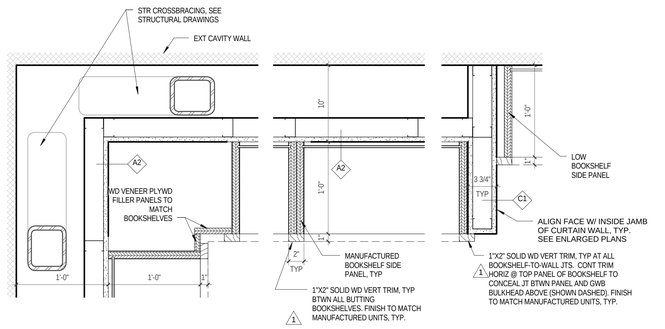
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

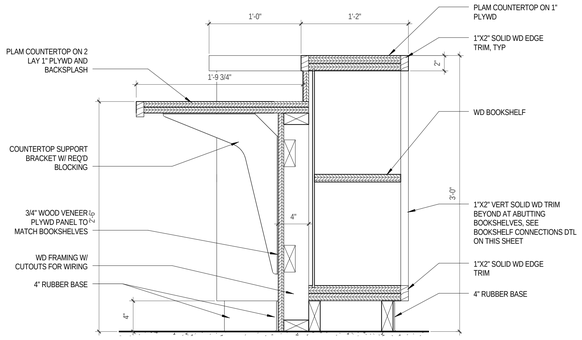
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/2" = 1'-0"
DRAWING NAME
CASEWORK DETAILS

A 441

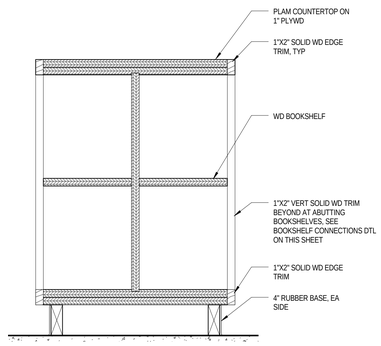
7/28/2016 4:33:00 PM



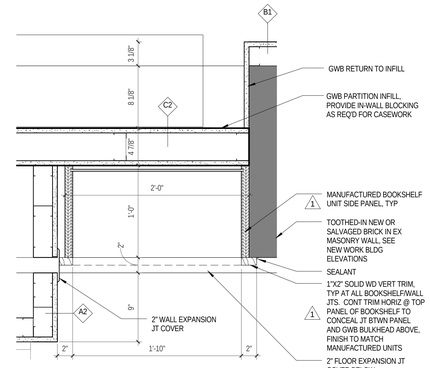
1 A 442 MEDIA CENTER BOOKSHELF CONNECTIONS
SCALE: 1 1/2" = 1'-0"



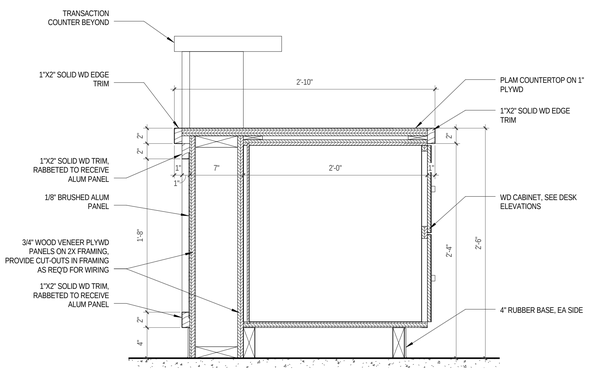
2 A 442 MEDIA CENTER COMPUTER STATION
SCALE: 1 1/2" = 1'-0"



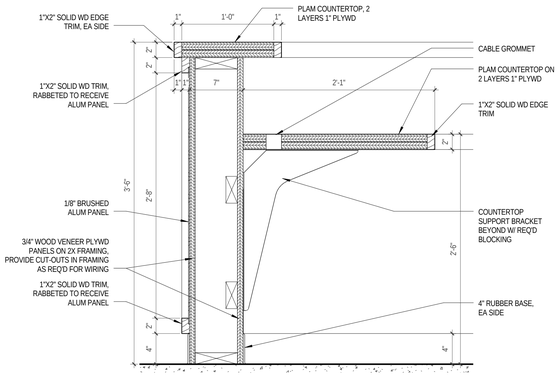
3 A 442 MEDIA CENTER LOW BOOKSHELF
SCALE: 1 1/2" = 1'-0"



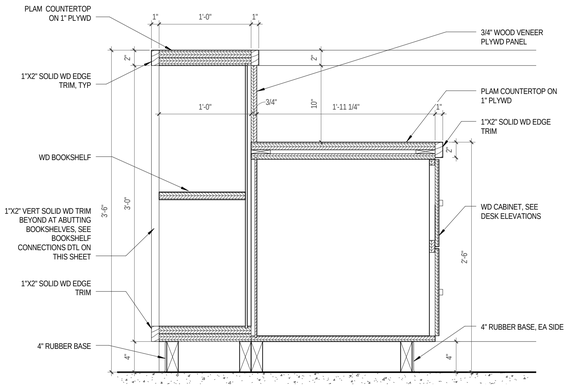
4 A 442 MEDIA CENTER BOOKSHELF AT MASONRY
SCALE: 1 1/2" = 1'-0"



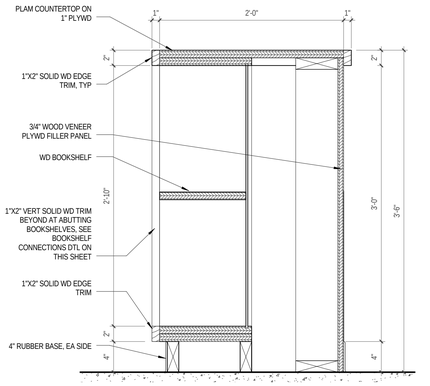
5 A 442 CIRC/RECEPTION DESK SECTION 1
SCALE: 1 1/2" = 1'-0"



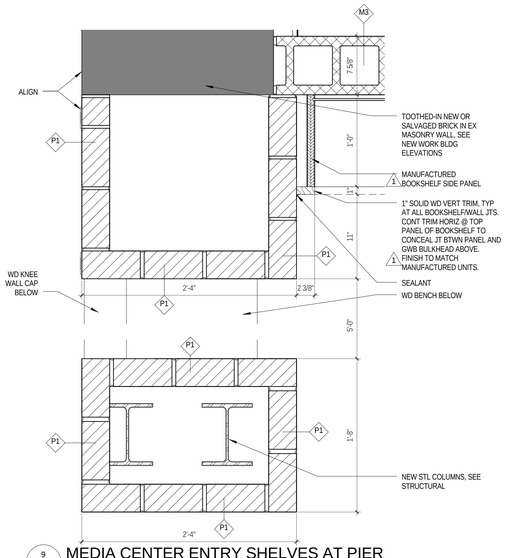
6 A 442 CIRC/RECEPTION DESK SECTION 2
SCALE: 1 1/2" = 1'-0"



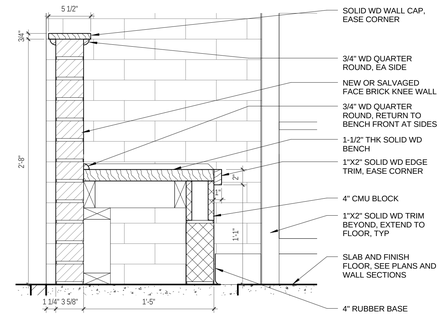
7 A 442 CIRC DESK SECTION 3
SCALE: 1 1/2" = 1'-0"



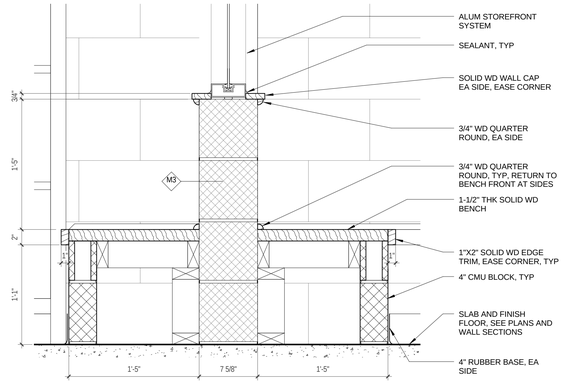
8 A 442 CIRC DESK SECTION 4
SCALE: 1 1/2" = 1'-0"



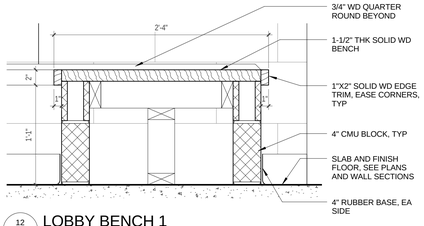
9 A 442 MEDIA CENTER ENTRY SHELVES AT PIER
SCALE: 1 1/2" = 1'-0"



10 A 442 MEDIA CENTER ENTRY BENCH 1
SCALE: 1 1/2" = 1'-0"



11 A 442 MEDIA CENTER ENTRY BENCH 2
SCALE: 1 1/2" = 1'-0"



12 A 442 LOBBY BENCH 1
SCALE: 1 1/2" = 1'-0"

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LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

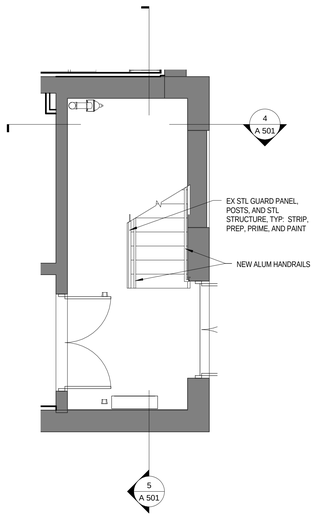
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1 1/2" = 1'-0"

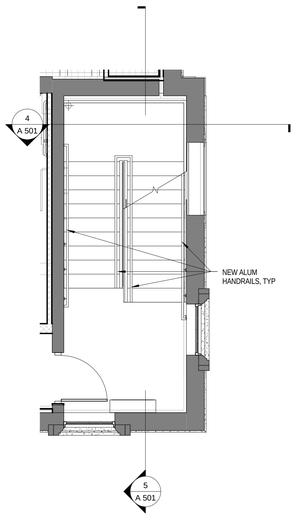
DRAWING NAME
CASEWORK & MEDIA CENTER DETAILS

A 442

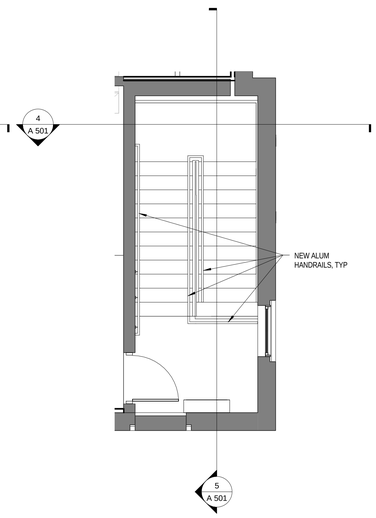
7/28/2016 4:33:21 PM



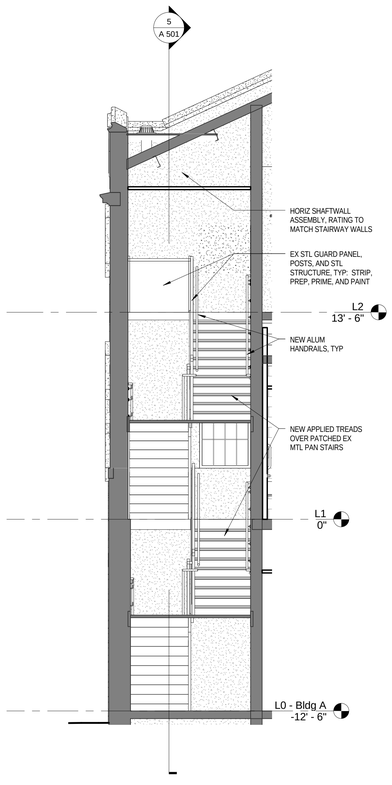
1 A 501 STAIR A1 - LEVEL 0
SCALE: 1/4" = 1'-0"



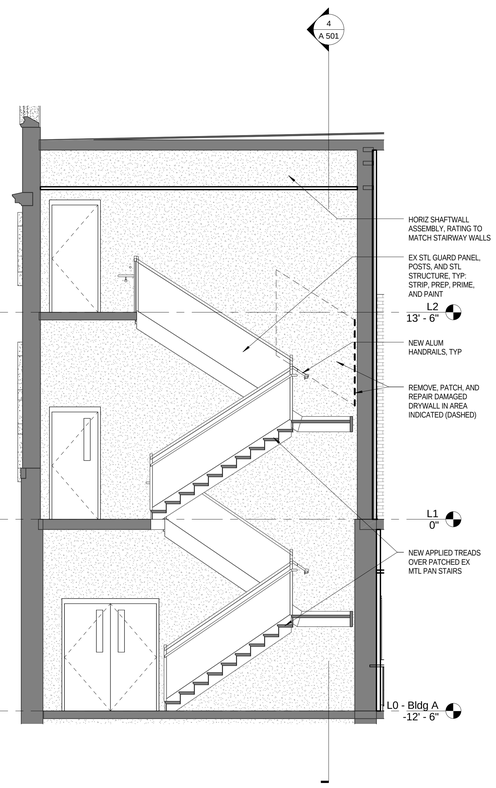
2 A 501 STAIR A1 - LEVEL 1
SCALE: 1/4" = 1'-0"



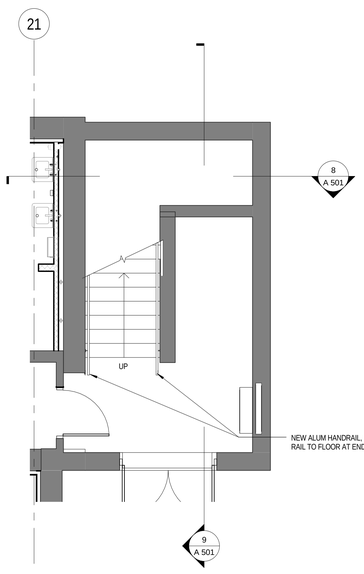
3 A 501 STAIR A1 - LEVEL 2
SCALE: 1/4" = 1'-0"



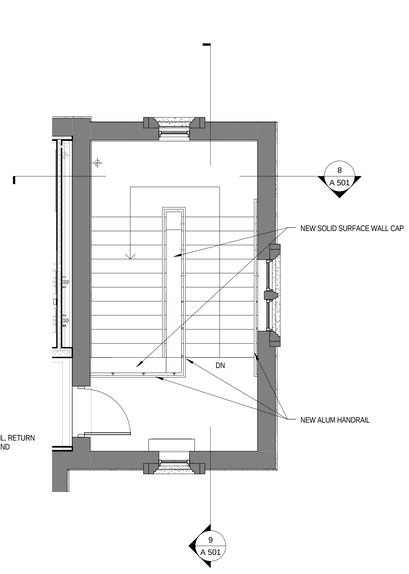
4 A 501 STAIR A1 - CROSS SECTION
SCALE: 1/4" = 1'-0"



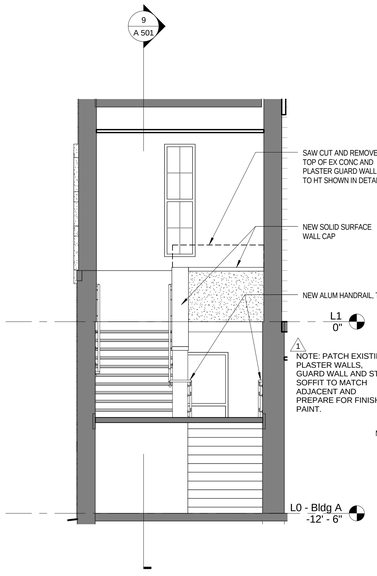
5 A 501 STAIR A1 - LONG. SECT
SCALE: 1/4" = 1'-0"



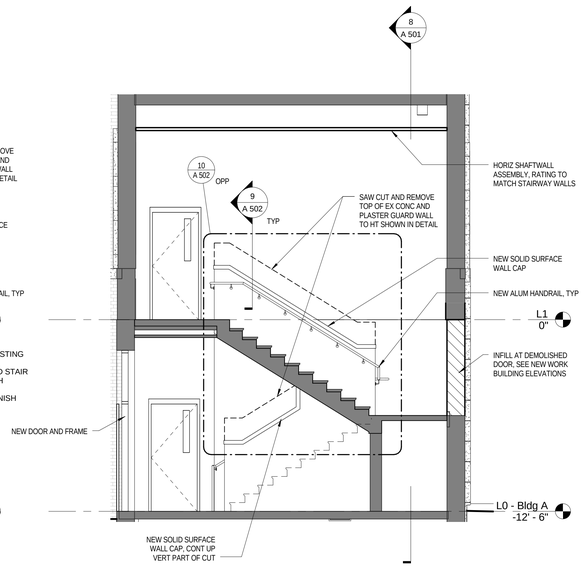
6 A 501 STAIR A2 - LEVEL 0
SCALE: 1/4" = 1'-0"



7 A 501 STAIR A2 - LEVEL 1
SCALE: 1/4" = 1'-0"



8 A 501 STAIR A2 - CROSS SECTION
SCALE: 1/4" = 1'-0"



9 A 501 STAIR A2 - LONG. SECT
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS.
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

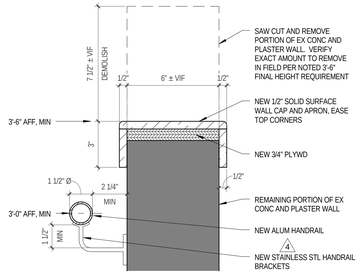
No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

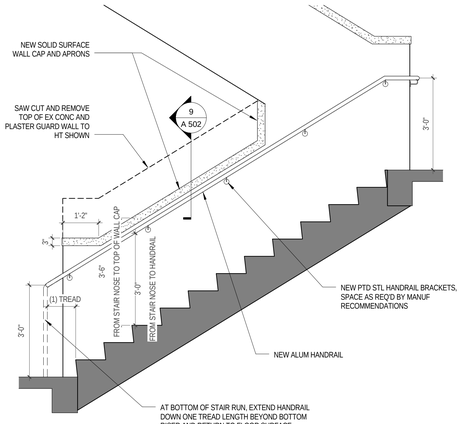
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"
DRAWING NAME
STAIR A1 & A2

A 501

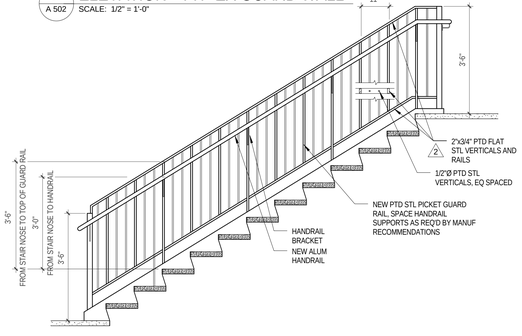
7/28/2016 4:33:44 PM



9 A 502 DETAIL - TYP EX GUARD WALL CAP
SCALE: 3" = 1'-0"



10 A 502 ELEVATION - TYP EX GUARD WALL
SCALE: 1/2" = 1'-0"



11 A 502 ELEVATION - TYP NEW PICKET GUARD RAIL
SCALE: 1/2" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
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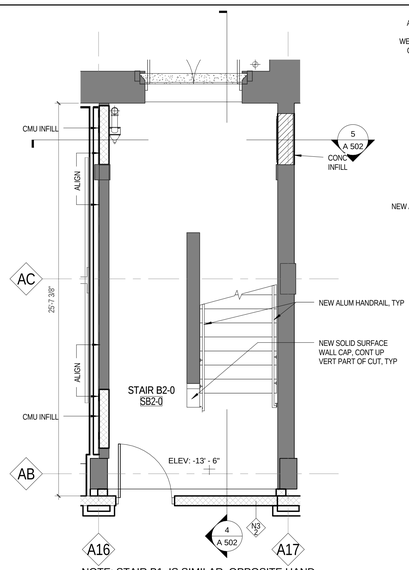
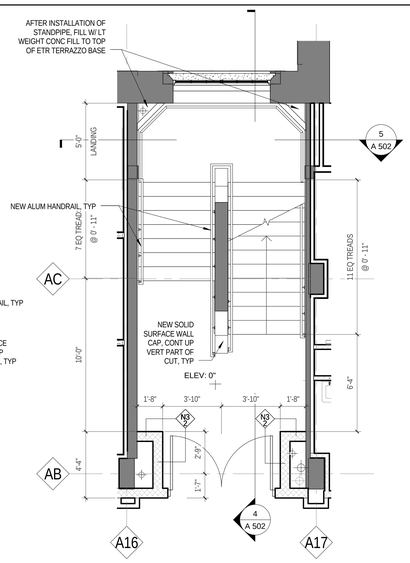
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE



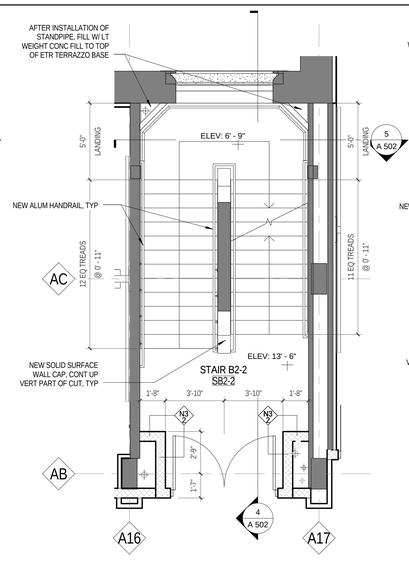
NOTE: STAIR B1 IS SIMILAR, OPPOSITE HAND

1 A 502 STAIR B2 - FLOOR PLAN LEVEL 0
SCALE: 1/4" = 1'-0"



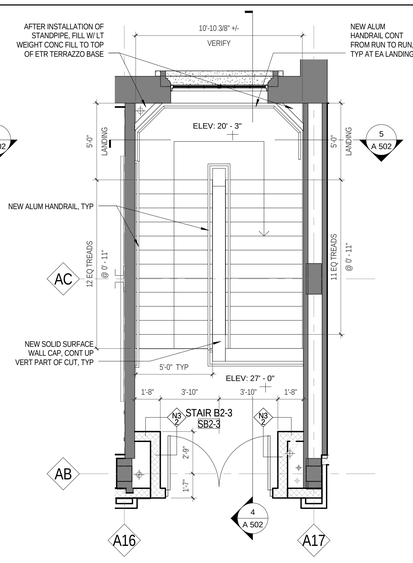
NOTE: STAIR B1 SIMILAR, OPPOSITE HAND

2 A 502 STAIR B2 - FLOOR PLAN LEVEL 1
SCALE: 1/4" = 1'-0"



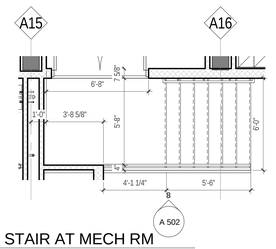
NOTE: STAIR B1 SIMILAR, OPPOSITE HAND

6 A 502 STAIR B2 - FLOOR PLAN LEVEL 2
SCALE: 1/4" = 1'-0"

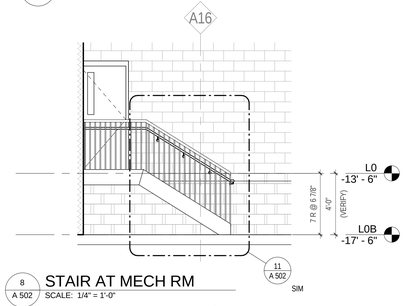


NOTE: STAIR B1 SIMILAR, OPPOSITE HAND

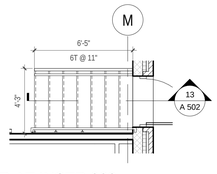
3 A 502 STAIR B2 - FLOOR PLAN LEVEL 3
SCALE: 1/4" = 1'-0"



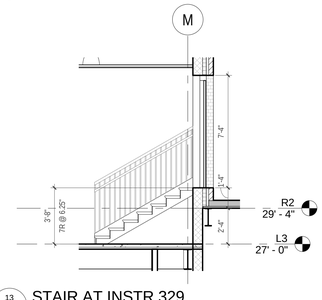
7 A 502 STAIR AT MECH RM
SCALE: 1/4" = 1'-0"



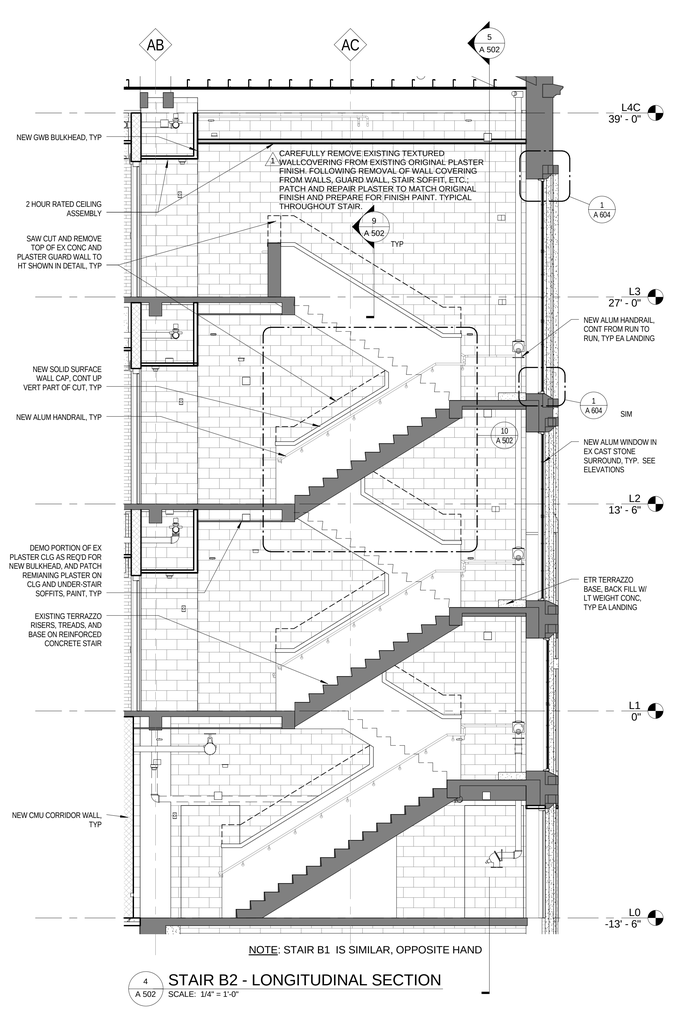
8 A 502 STAIR AT MECH RM
SCALE: 1/4" = 1'-0"



12 A 502 STAIR AT INSTR 329
SCALE: 1/4" = 1'-0"

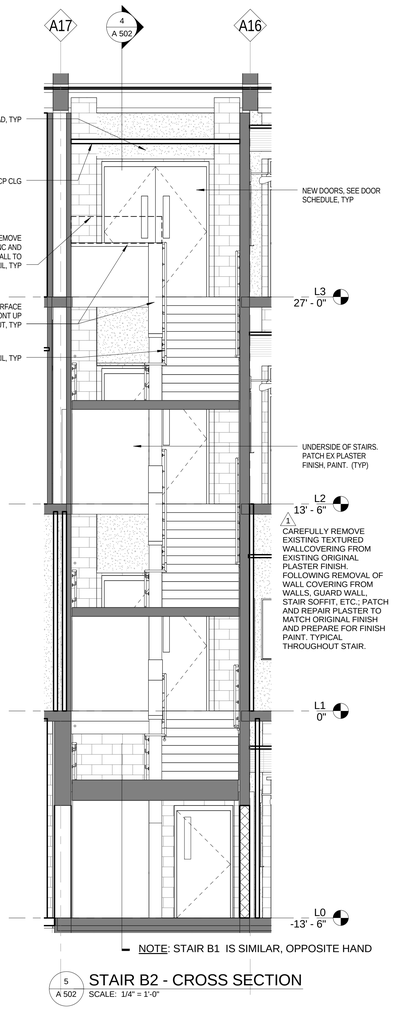


13 A 502 STAIR AT INSTR 329
SCALE: 1/4" = 1'-0"



NOTE: STAIR B1 IS SIMILAR, OPPOSITE HAND

4 A 502 STAIR B2 - LONGITUDINAL SECTION
SCALE: 1/4" = 1'-0"



NOTE: STAIR B1 IS SIMILAR, OPPOSITE HAND

5 A 502 STAIR B2 - CROSS SECTION
SCALE: 1/4" = 1'-0"

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LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

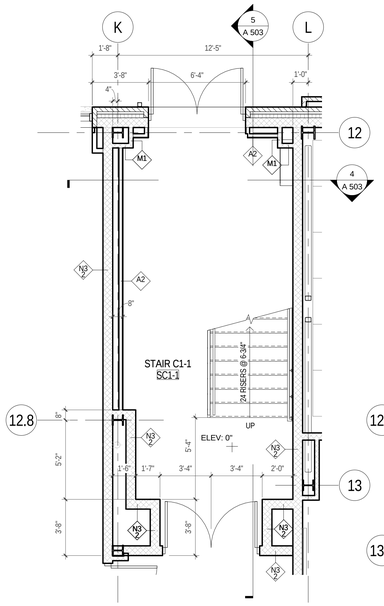
No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2
2	4/27/16	ADDENDUM 3
4	5/6/16	ADDENDUM 5

CONSTRUCTION SET 7/28/16

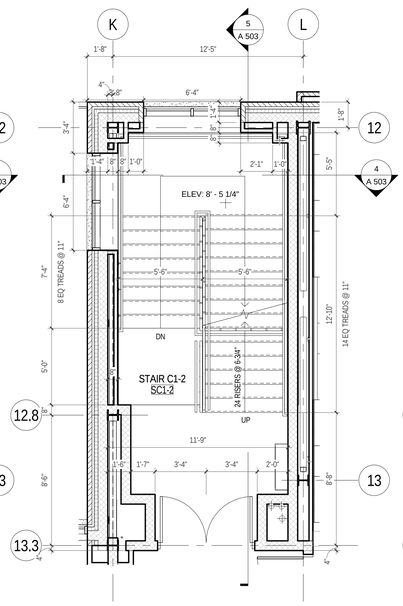
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
STAIR B2 AND MISC STAIRS

A 502

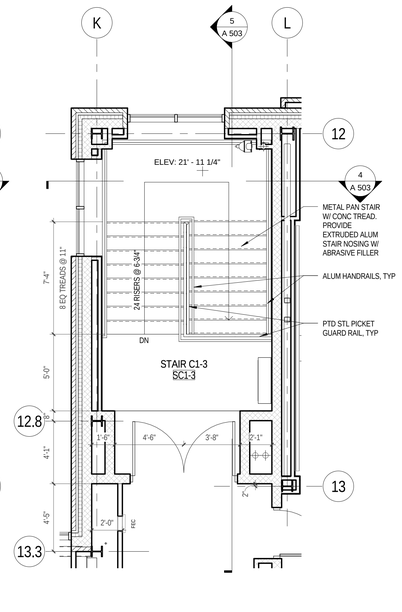
7/28/2016 4:34:10 PM



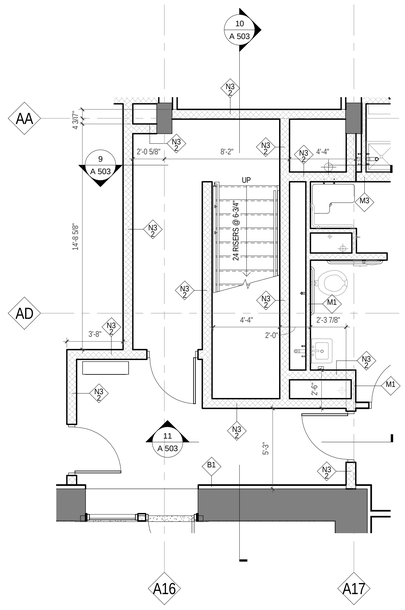
1 A 503 STAIR C1-1
SCALE: 1/4" = 1'-0"



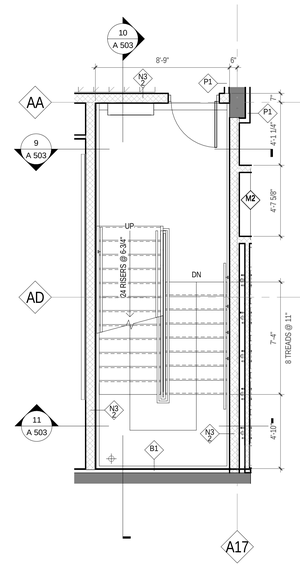
2 A 503 STAIR C1-2
SCALE: 1/4" = 1'-0"



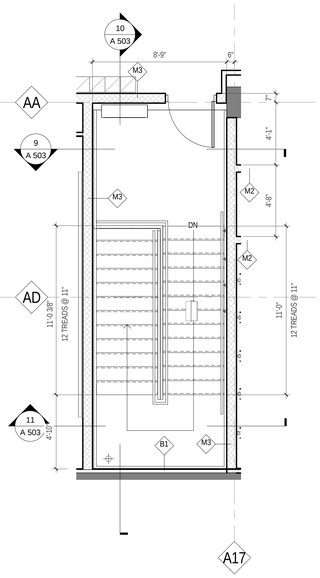
3 A 503 STAIR C1-3
SCALE: 1/4" = 1'-0"



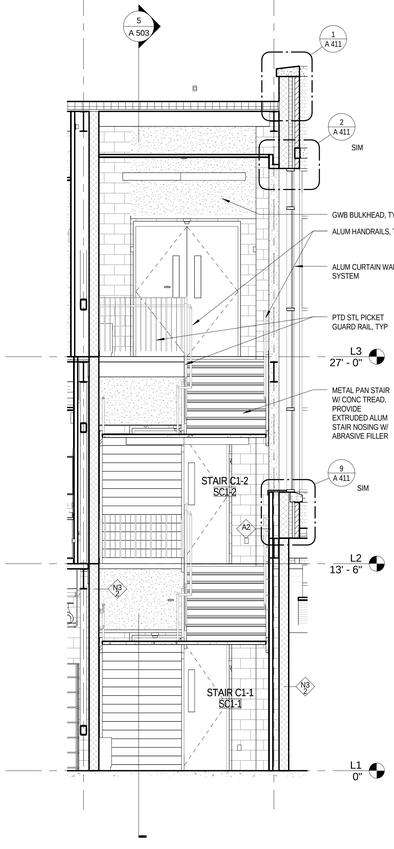
6 A 503 STAIR B3-1
SCALE: 1/4" = 1'-0"



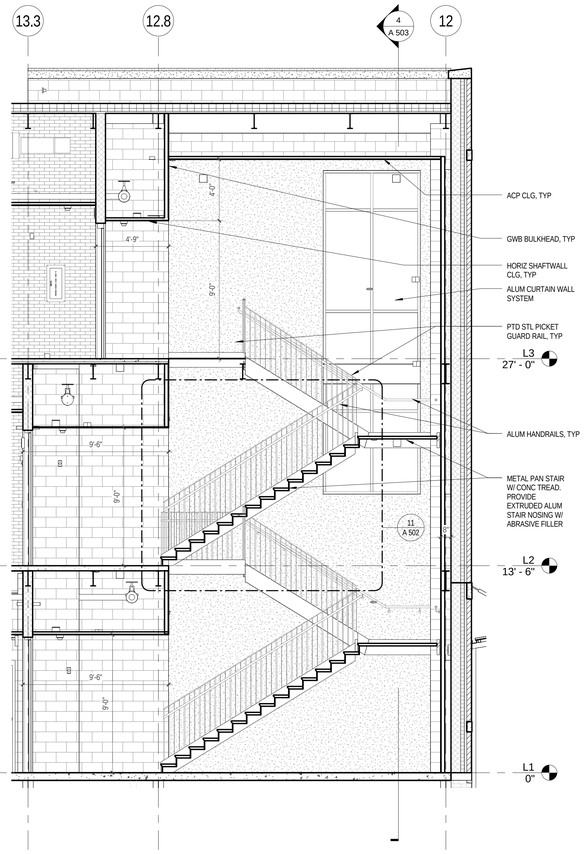
7 A 503 STAIR B3-2
SCALE: 1/4" = 1'-0"



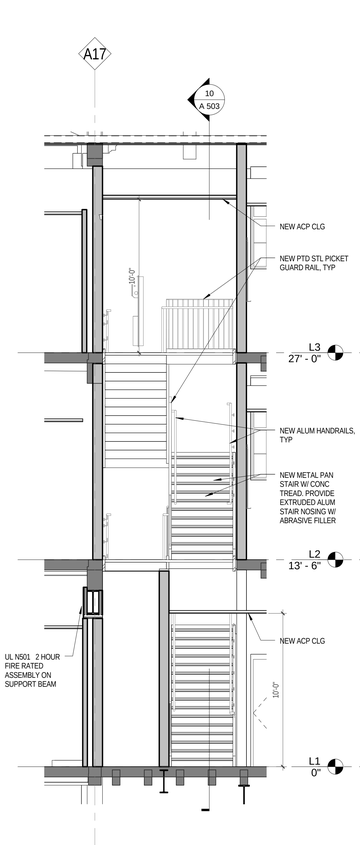
8 A 503 STAIR B3-3
SCALE: 1/4" = 1'-0"



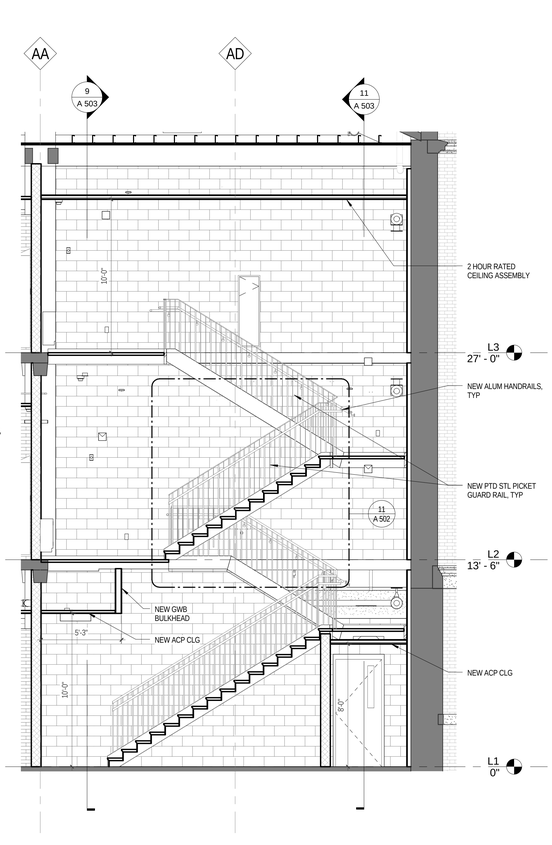
4 A 503 STAIR C1 - CROSS SECT
SCALE: 1/4" = 1'-0"



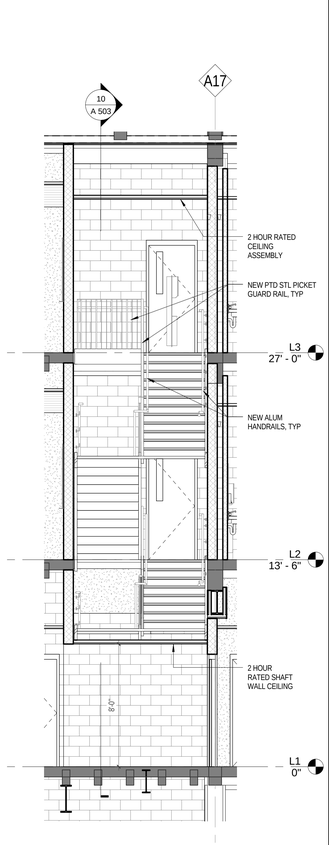
5 A 503 STAIR C1 - LONG. SECT
SCALE: 1/4" = 1'-0"



9 A 503 STAIR B3 - CROSS SECT 1
SCALE: 1/4" = 1'-0"



10 A 503 STAIR B3 - LONG SECT 1
SCALE: 1/4" = 1'-0"



11 A 503 STAIR B3 - CROSS SECT 2
SCALE: 1/4" = 1'-0"

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LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

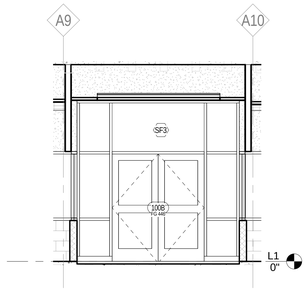
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"

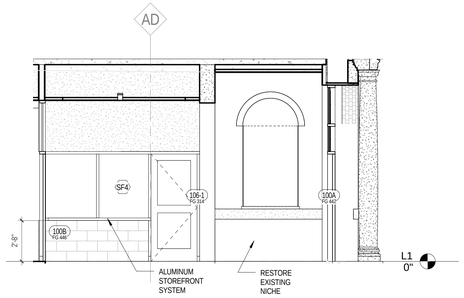
DRAWING NAME
STAIRS B3 & C1

A 503

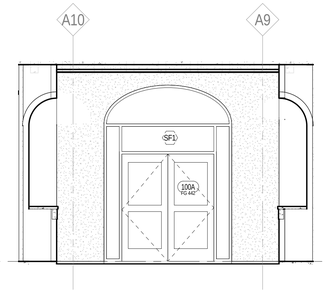
7/28/2016 4:34:39 PM



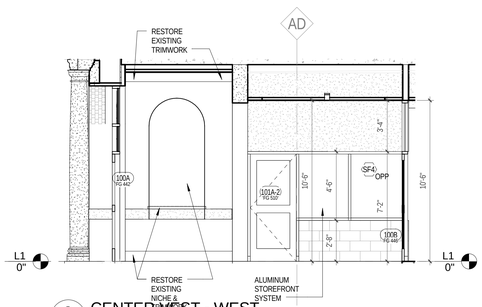
2 A 504 CENTER VEST - NORTH
SCALE: 1/4" = 1'-0"



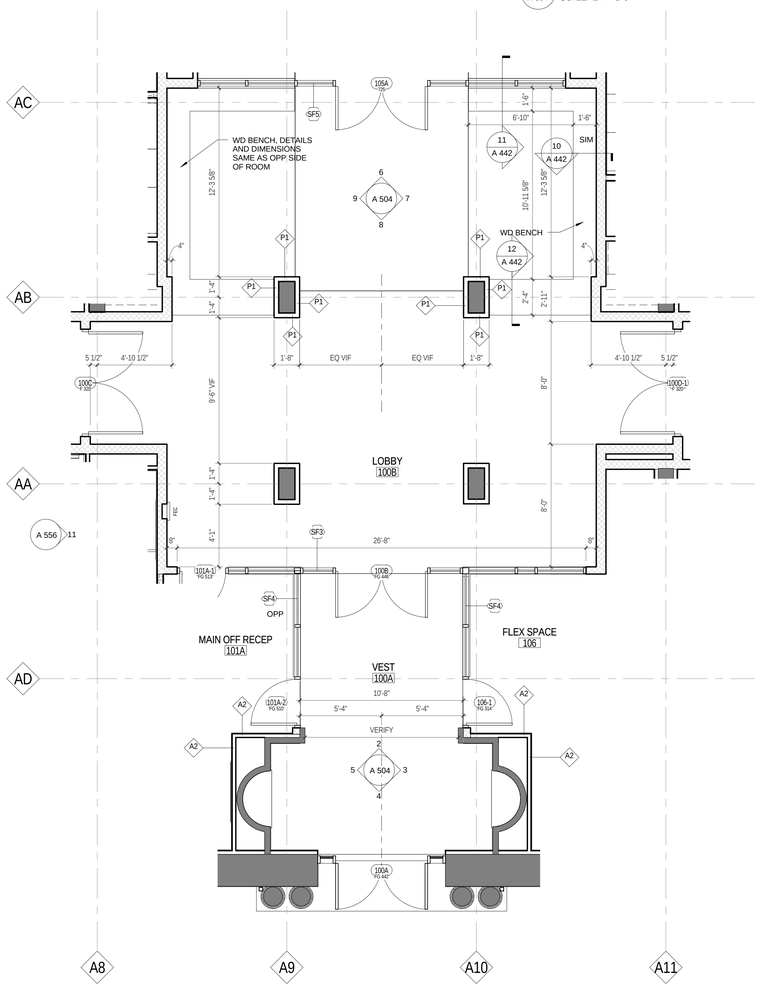
3 A 504 CENTER VEST - EAST
SCALE: 1/4" = 1'-0"



4 A 504 CENTER VEST - SOUTH
SCALE: 1/4" = 1'-0"

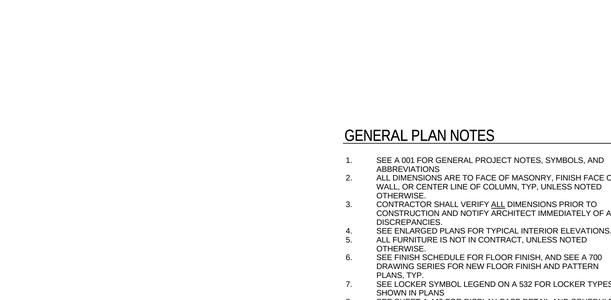


5 A 504 CENTER VEST - WEST
SCALE: 1/4" = 1'-0"



1 A 504 MAIN ENTRY LOBBY -L1
SCALE: 1/4" = 1'-0"

6 A 504 CENTER VEST NORTH 2
SCALE: 1/4" = 1'-0"



7 A 504 CENTER VEST - EAST 2
SCALE: 1/4" = 1'-0"

8 A 504 CENTER VEST - SOUTH 2
SCALE: 1/4" = 1'-0"

9 A 504 CENTER VEST - WEST 2
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

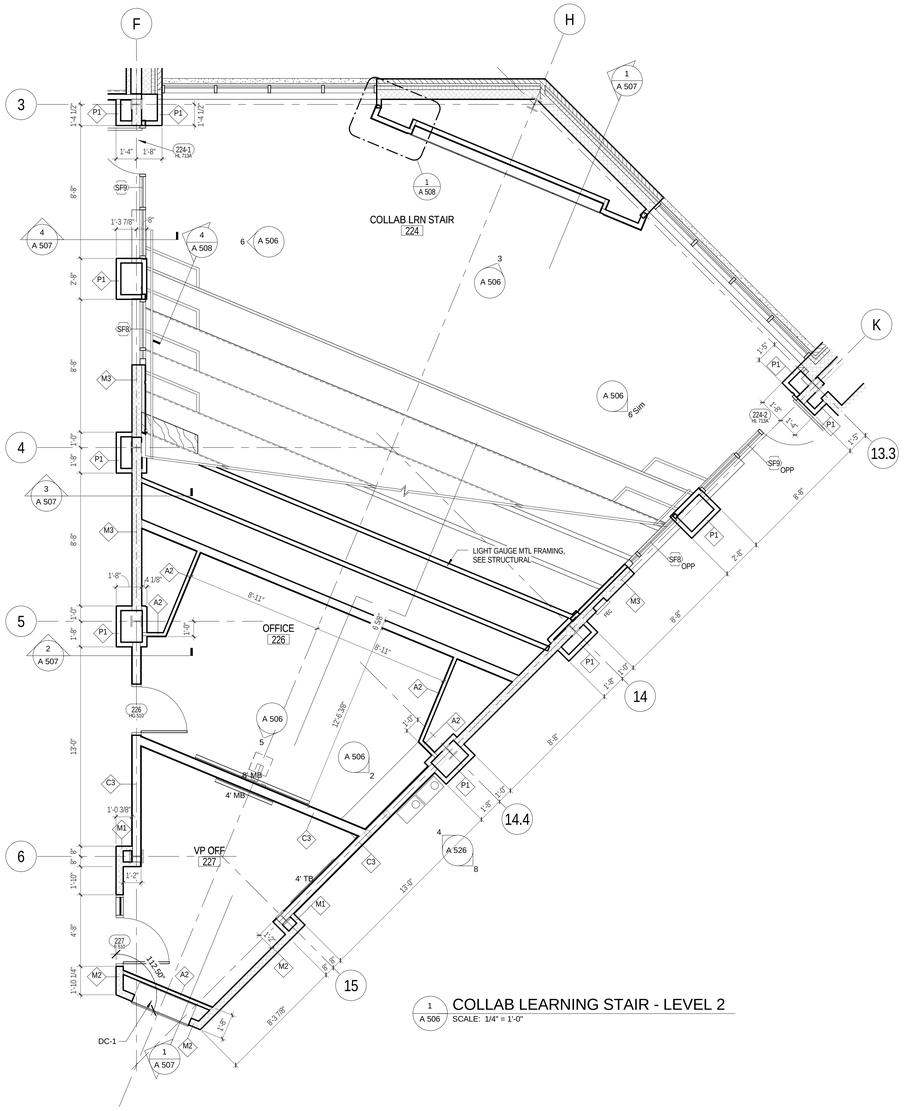
SCALE: 1/4" = 1'-0"

DRAWING NAME

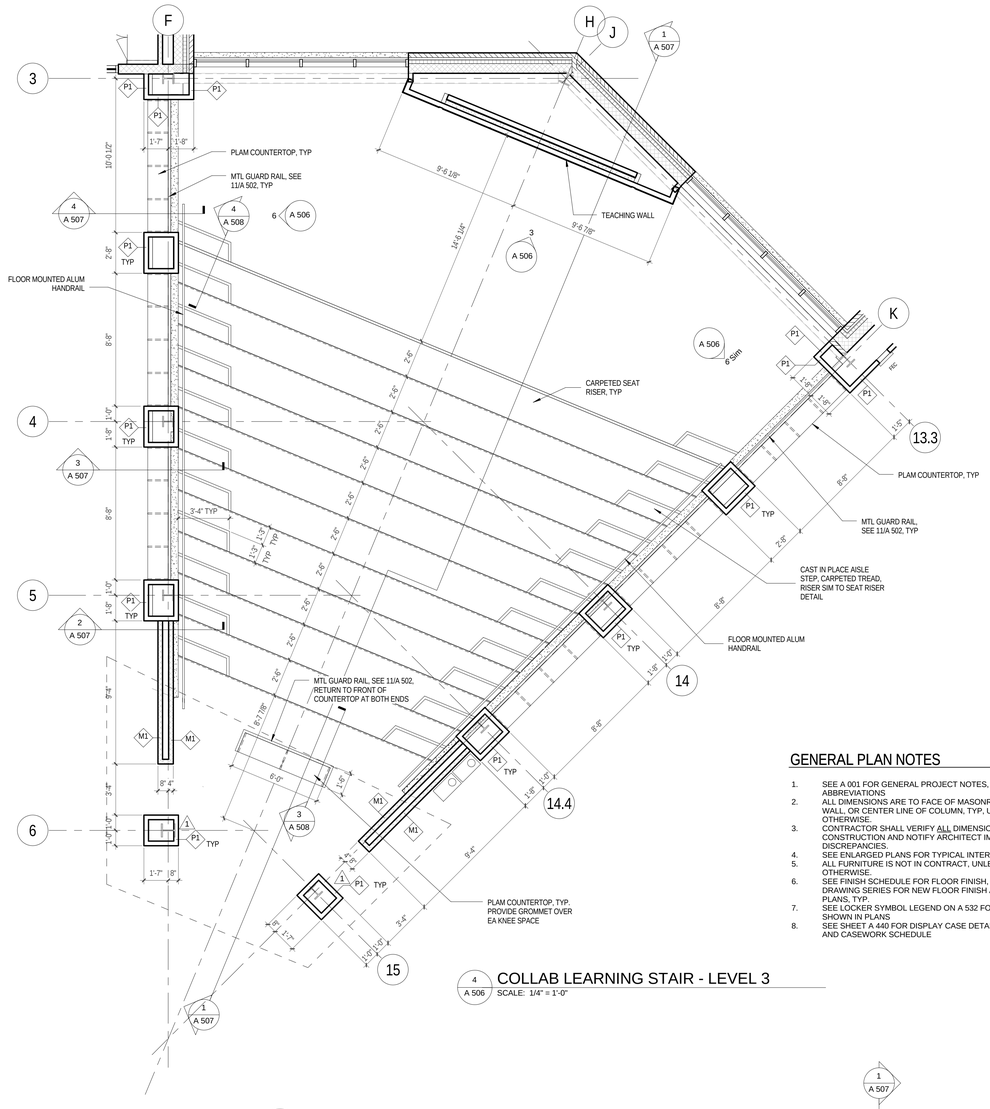
MAIN ENTRY LOBBY

A 504

7/28/2016 4:34:58 PM



1 A 506 COLLAB LEARNING STAIR - LEVEL 2
SCALE: 1/4" = 1'-0"



4 A 506 COLLAB LEARNING STAIR - LEVEL 3
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
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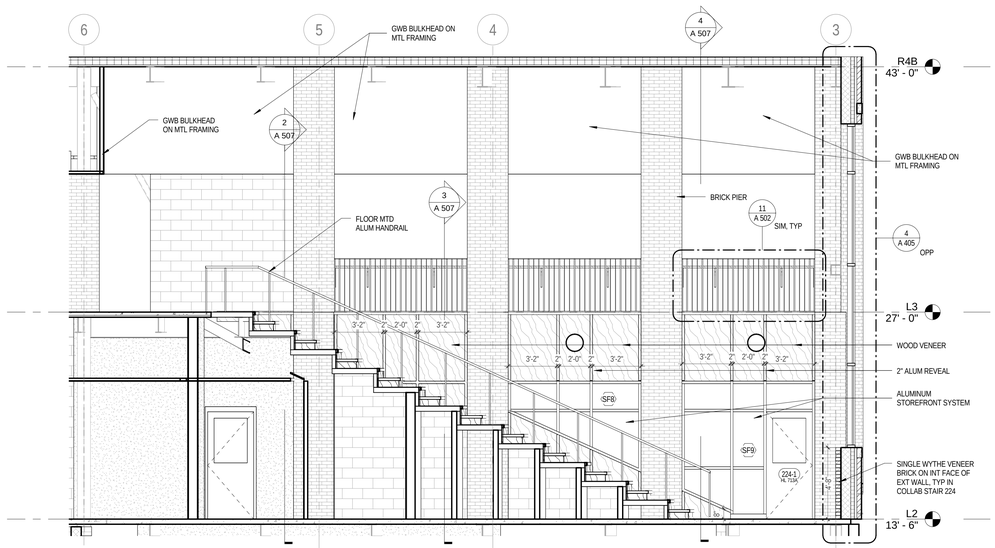
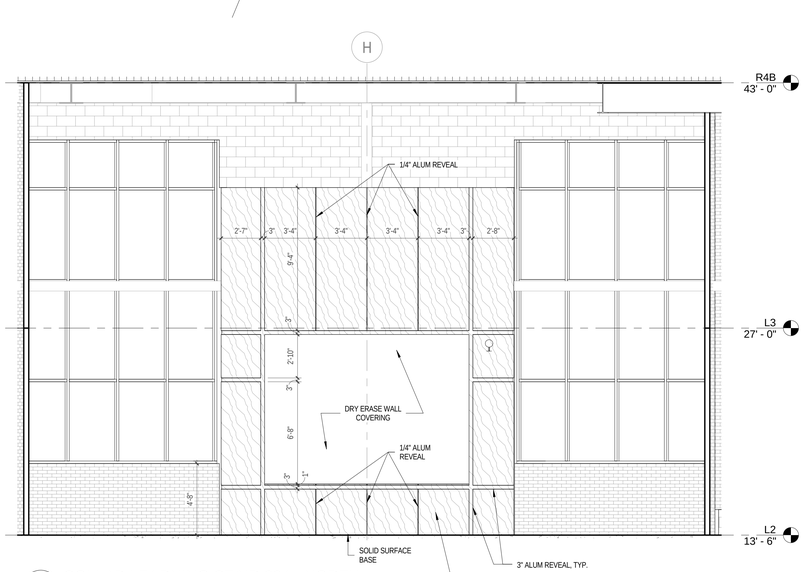
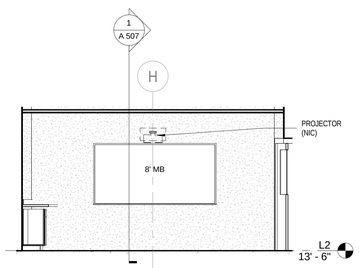
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE



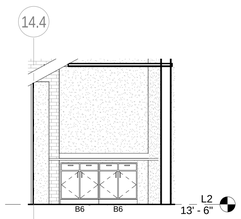
6 A 506 COLLAB LEARNING STAIR 224 - WEST
SCALE: 1/4" = 1'-0"



3 A 506 COLLAB LEARNING STAIR 224 - NORTH
SCALE: 1/4" = 1'-0"



5 A 506 OFFICE 226 - SOUTH
SCALE: 1/4" = 1'-0"



2 A 506 OFFICE 226 - EAST
SCALE: 1/4" = 1'-0"

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

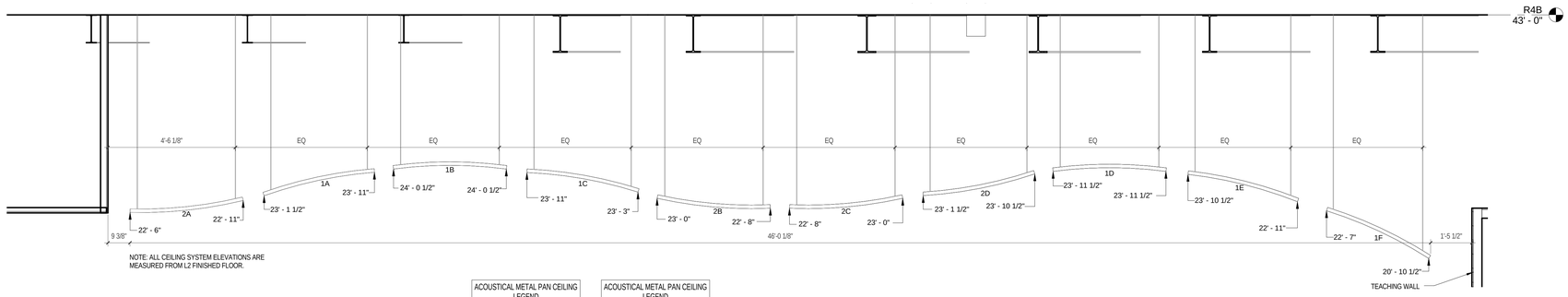
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"
DRAWING NAME:

COLLABORATION LEARNING STAIR

A 506

7/28/2016 4:35:35 PM

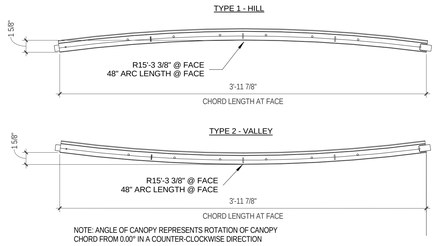


NOTE: ALL CEILING SYSTEM ELEVATIONS ARE MEASURED FROM L2 FINISHED FLOOR.

7 A 507 **COLLAB LEARNING STAIR CEILING LAYOUT**
SCALE: 1/2" = 1'-0"

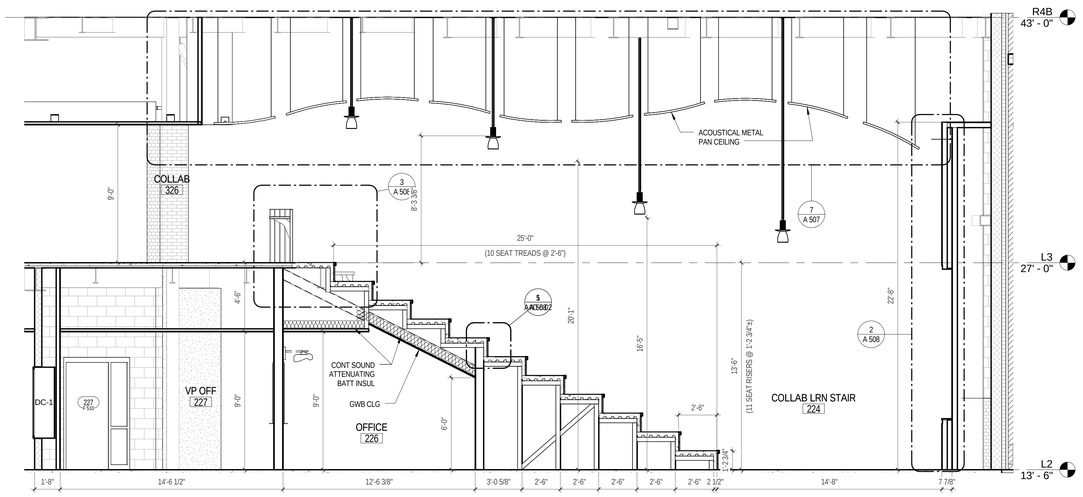
ACOUSTICAL METAL PAN CEILING LEGEND		
Type Mark	Angle of Canopy	Canopy Length
1A	12.00°	12' - 0"
1B	0.00°	16' - 0"
1C	-10.00°	20' - 0"
1D	0.00°	36' - 0"
1E	-14.00°	36' - 0"

ACOUSTICAL METAL PAN CEILING LEGEND		
Type Mark	Angle of Canopy	Canopy Length
1F	-25.00°	24' - 0"
2A	6.00°	8' - 0"
2B	-5.00°	24' - 0"
2C	5.00°	28' - 0"
2D	11.00°	32' - 0"

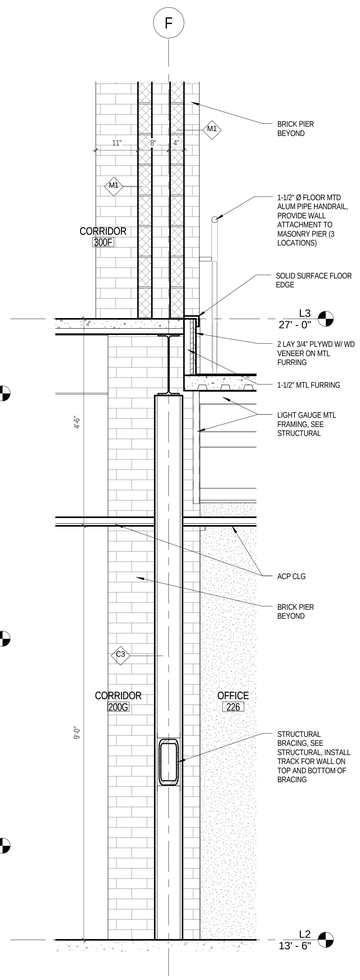


NOTE: ANGLE OF CANOPY REPRESENTS ROTATION OF CANOPY CHORD FROM 0.00° IN A COUNTER-CLOCKWISE DIRECTION

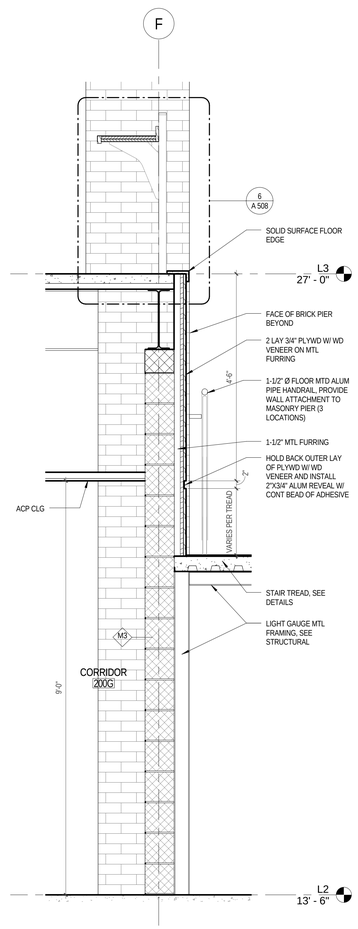
5 A 507 **CEILING PANEL DETAILS**
SCALE: 1 1/2" = 1'-0"



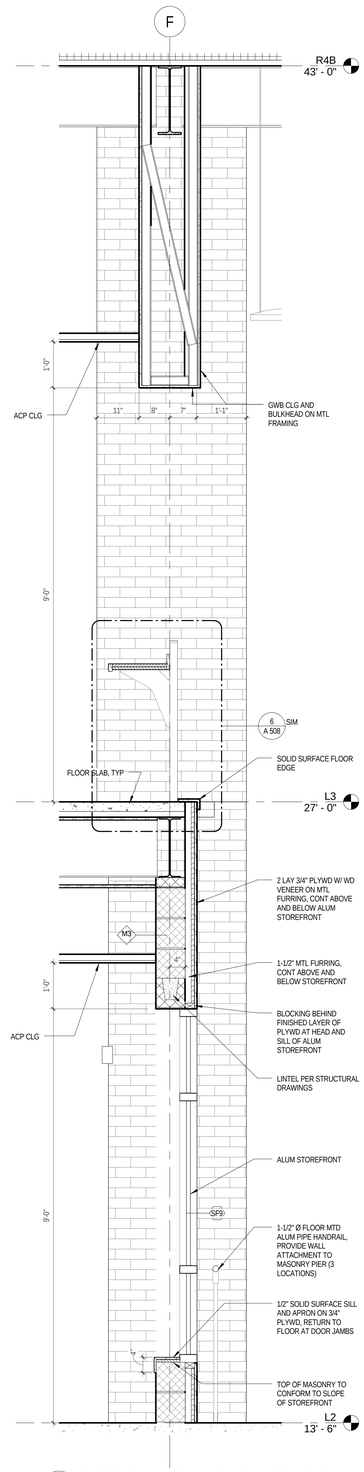
1 A 507 **COLLAB LEARNING STAIR SECTION**
SCALE: 1/4" = 1'-0"



2 A 507 **SECTION - COLLAB LRN STAIR 1**
SCALE: 3/4" = 1'-0"



3 A 507 **SECTION - COLLAB LRN STAIR 2**
SCALE: 3/4" = 1'-0"



4 A 507 **SECTION - COLLAB LRN STAIR 3**
SCALE: 3/4" = 1'-0"

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PHILADELPHIA, PA 19127

LANDSCAPE ARCHITECT
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NYIKOS ASSOCIATES
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EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8002
EXPIRATION DATE: 6/30/2017

No.	DATE	DESCRIPTION

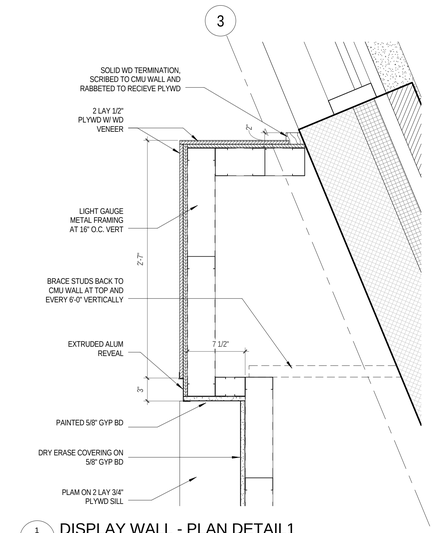
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

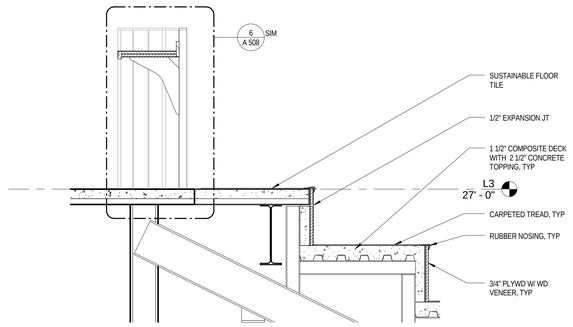
DRAWING NAME
COLLABORATION LEARNING STAIR

A 507

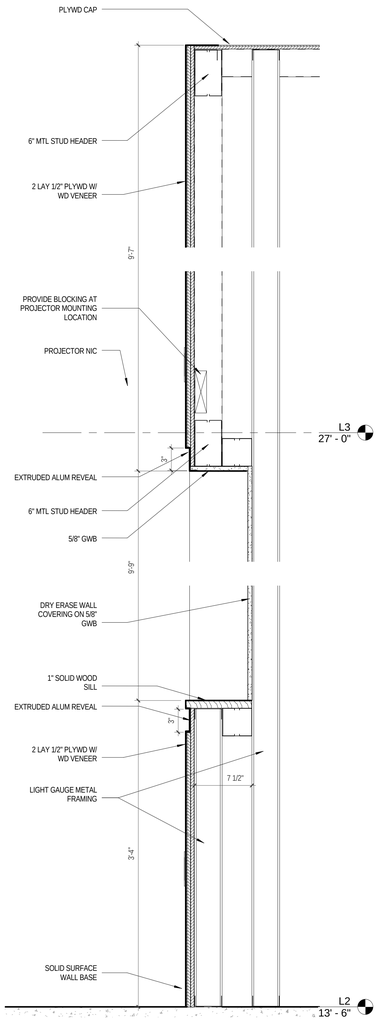
7/28/2016 4:35:50 PM



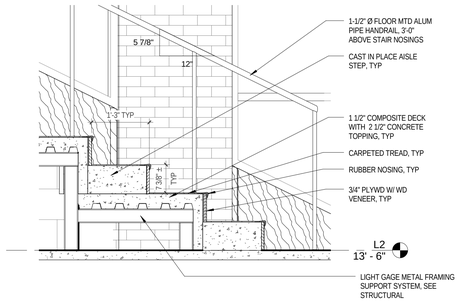
1 A 508 DISPLAY WALL - PLAN DETAIL1
SCALE: 1 1/2" = 1'-0"



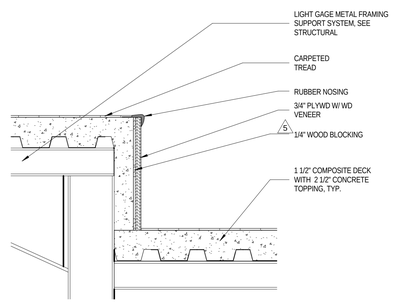
3 A 508 RISERS, BENCHES AT TOP
SCALE: 3/4" = 1'-0"



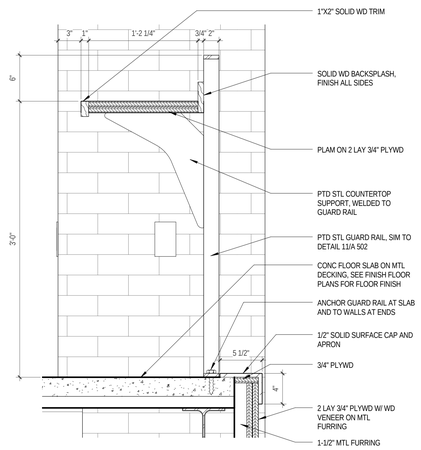
2 A 508 DISPLAY WALL - SECTIONAL DETAILS
SCALE: 1 1/2" = 1'-0"



4 A 508 SIDE AISLE - STEP, RAILING
SCALE: 3/4" = 1'-0"



5 A 508 TYPICAL SEAT RISER
SCALE: 1 1/2" = 1'-0"



6 A 508 DETAIL - COLLAB LRN STAIR PERIMETER DESKS
SCALE: 1 1/2" = 1'-0"

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LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION
5	6/7/16	POST BID ADDENDUM

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

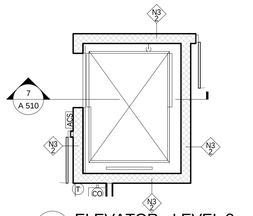
SCALE: As indicated

DRAWING NAME

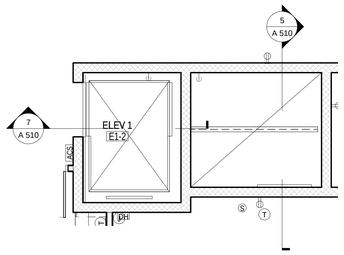
COLLABORATION LEARNING STAIR

A 508

7/28/2016 4:36:06 PM



4 A 510 ELEVATOR - LEVEL 3
SCALE: 1/4" = 1'-0"



3 A 510 ELEVATORS - LEVEL 2
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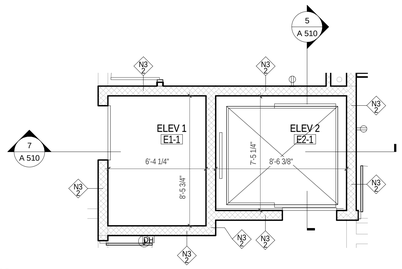
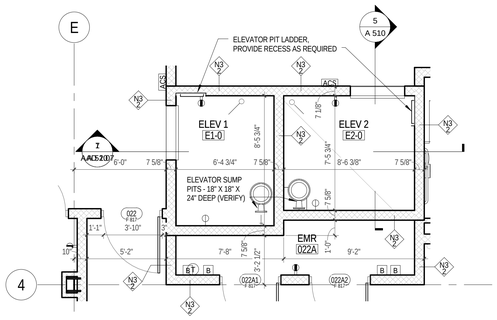
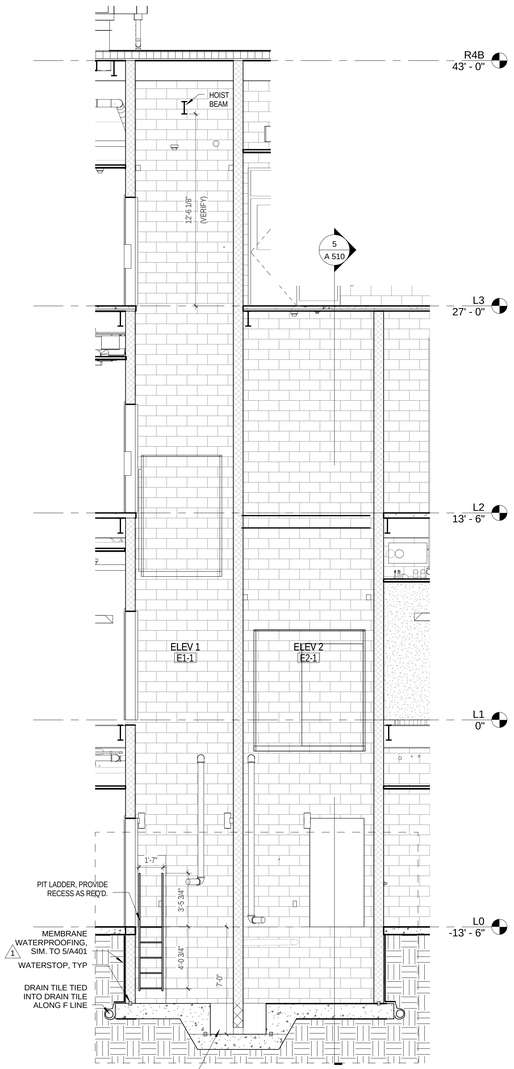


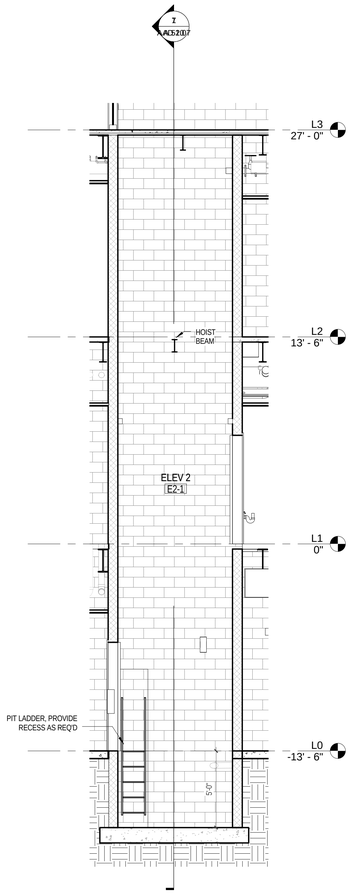
2 A 510 ELEVATORS - LEVEL 1
SCALE: 1/4" = 1'-0"



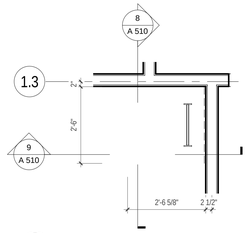
1 A 510 ELEVATORS - LEVEL 0
SCALE: 1/4" = 1'-0"



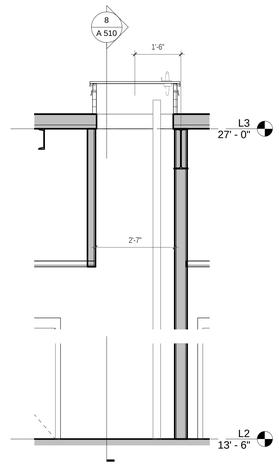
7 A 510 ELEVATOR 1 & 2 SECTION
SCALE: 1/4" = 1'-0"



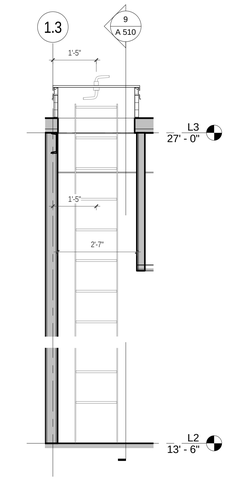
5 A 510 ELEVATOR 2 SECTION
SCALE: 1/4" = 1'-0"



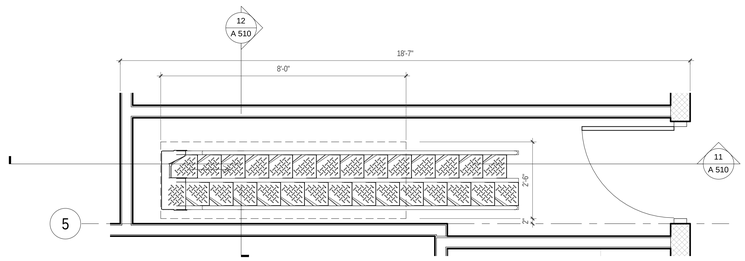
6 A 510 ROOF ACCESS LADDER 1
SCALE: 1/2" = 1'-0"



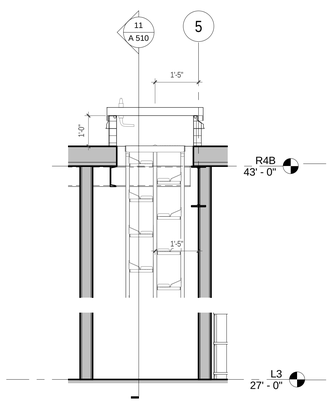
9 A 510 ROOF HATCH 1 - SECT 1
SCALE: 1/2" = 1'-0"



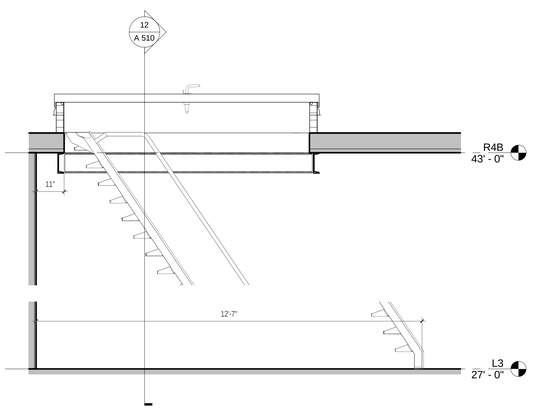
8 A 510 ROOF HATCH 1 - SECT 2
SCALE: 1/2" = 1'-0"



5 10 A 510 ROOF ACCESS LADDER 2
SCALE: 1/2" = 1'-0"



12 A 510 ROOF HATCH 2 - SECT 2
SCALE: 1/2" = 1'-0"



11 A 510 ROOF HATCH 2 - SECT 1
SCALE: 1/2" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

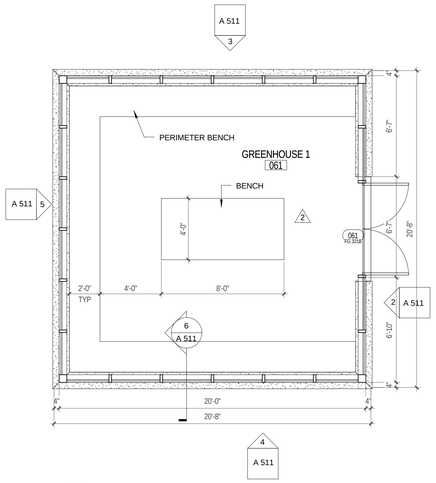
SCALE: As indicated

DRAWING NAME

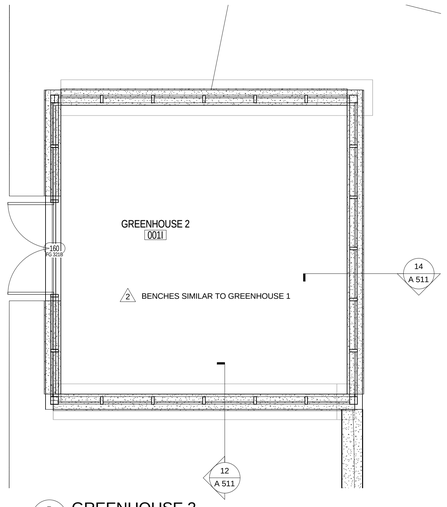
ELEVATORS, LADDERS

A 510

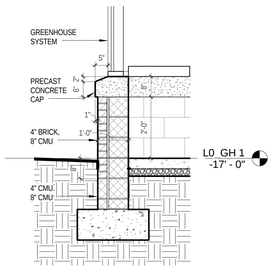
7/28/2016 4:36:31 PM



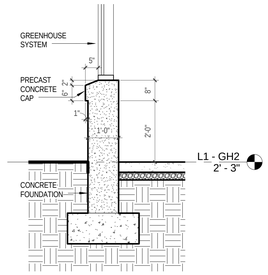
1 A 511 GREENHOUSE 1
SCALE: 1/4" = 1'-0"



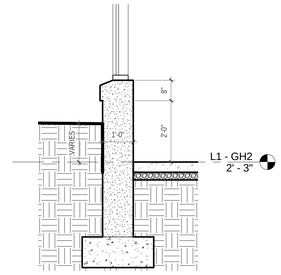
7 A 511 GREENHOUSE 2
SCALE: 1/4" = 1'-0"
SEE GREENHOUSE 1 FOR ELEVATIONS, SIM



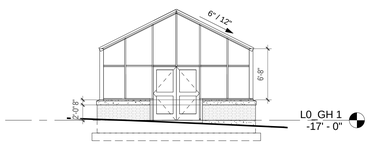
6 A 511 GREENHOUSE 1 BASE, TYPICAL
SCALE: 1/2" = 1'-0"



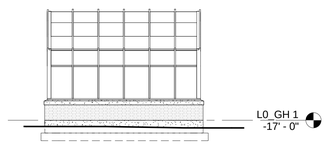
12 A 511 GREENHOUSE 2 - BASE 1
SCALE: 1/2" = 1'-0"



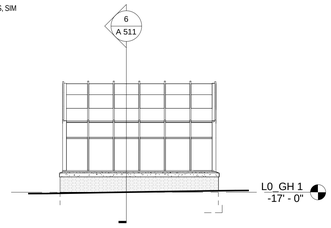
14 A 511 GREENHOUSE 2 - BASE 2
SCALE: 1/2" = 1'-0"



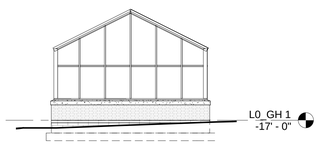
2 A 511 GREENHOUSE 1 - EAST
SCALE: 1/8" = 1'-0"



3 A 511 GREENHOUSE 1 - NORTH
SCALE: 1/8" = 1'-0"



4 A 511 GREENHOUSE 1 - SOUTH
SCALE: 1/8" = 1'-0"



5 A 511 GREENHOUSE 1 - WEST
SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
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4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

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LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

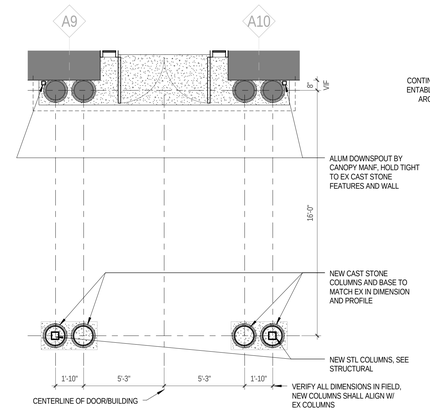
No.	DATE	DESCRIPTION
2	4/27/16	ADDENDUM 3

CONSTRUCTION SET 7/28/16

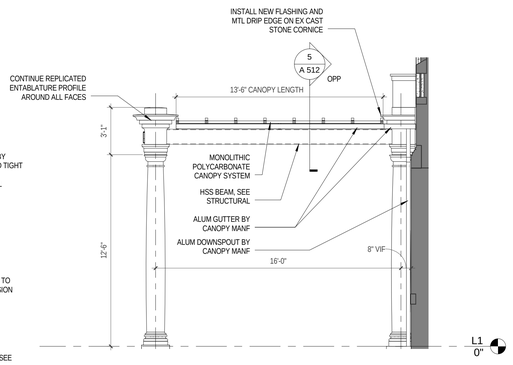
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
GREENHOUSES

A 511

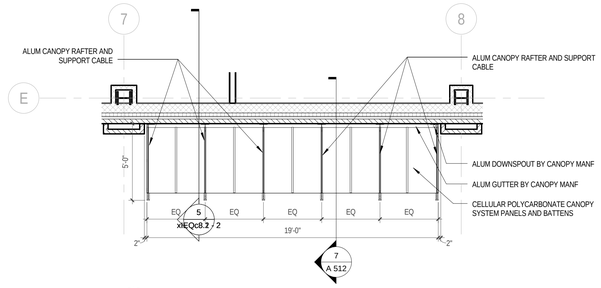
7/28/2016 4:36:45 PM



1 / A 512 L1 - FRONT CANOPY
SCALE: 1/4" = 1'-0"



2 / A 512 CENTER CANOPY - EAST
SCALE: 1/4" = 1'-0"



6 / A 512 ENLARGED PLAN - WEST CANOPY
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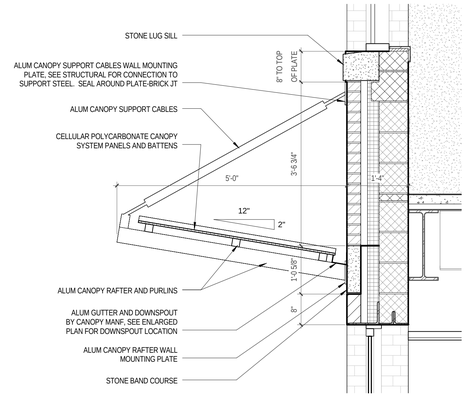
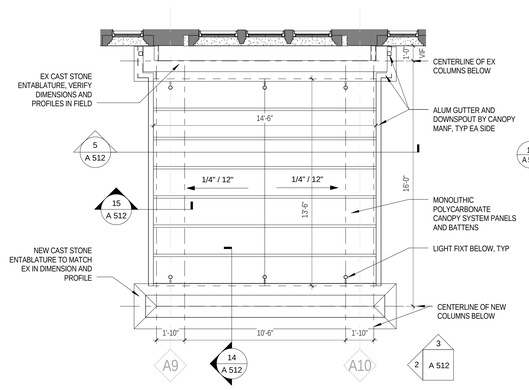
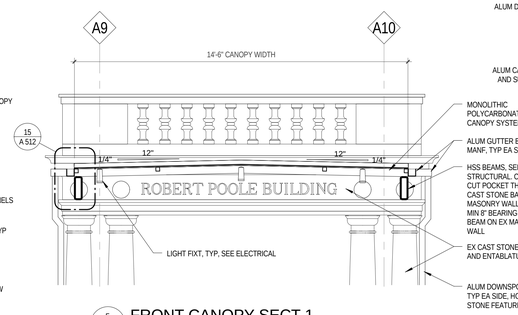


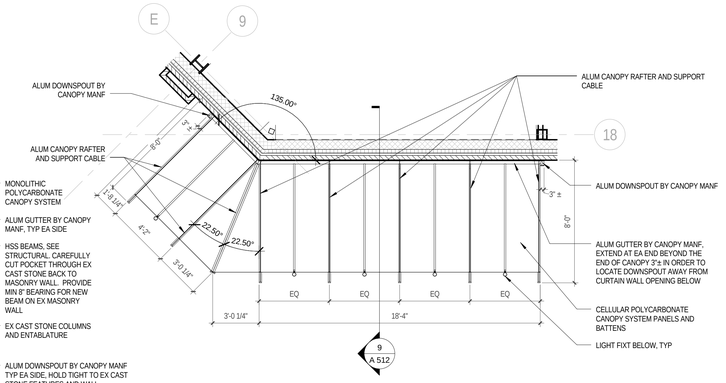
7 / A 512 DETAIL - WEST CANOPY
SCALE: 3/4" = 1'-0"



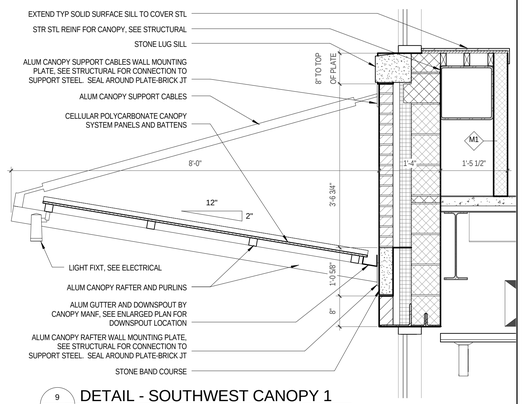
4 / A 512 L2 - FRONT CANOPY
SCALE: 1/4" = 1'-0"



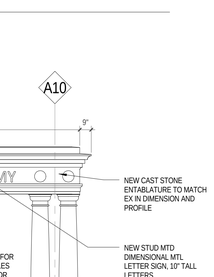
5 / A 512 FRONT CANOPY SECT 1
SCALE: 3/8" = 1'-0"



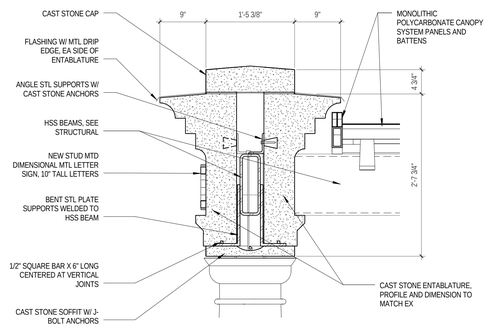
8 / A 512 ENLARGED PLAN - SOUTHWEST CANOPY
SCALE: 1/4" = 1'-0"



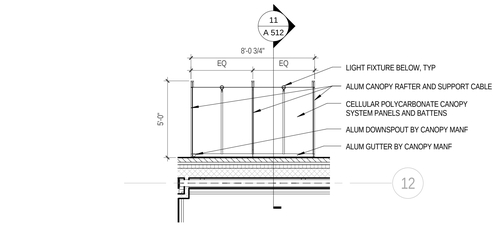
9 / A 512 DETAIL - SOUTHWEST CANOPY 1
SCALE: 3/4" = 1'-0"



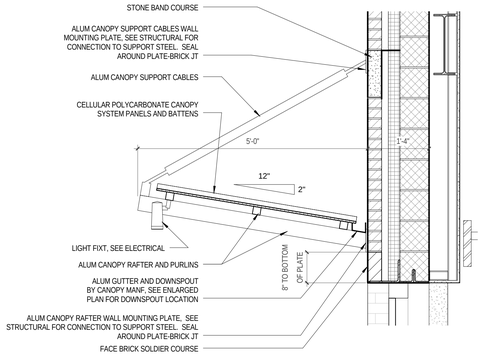
3 / A 512 CENTER CANOPY - SOUTH
SCALE: 1/4" = 1'-0"



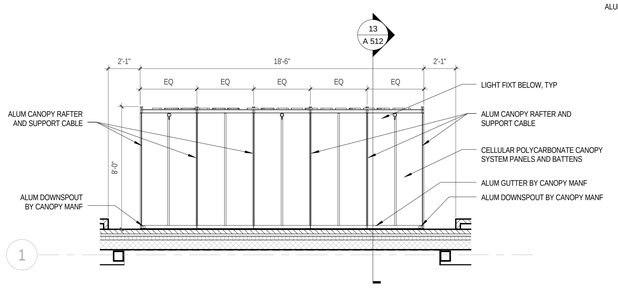
14 / A 512 DETAIL - FRONT CANOPY 1
SCALE: 1" = 1'-0"



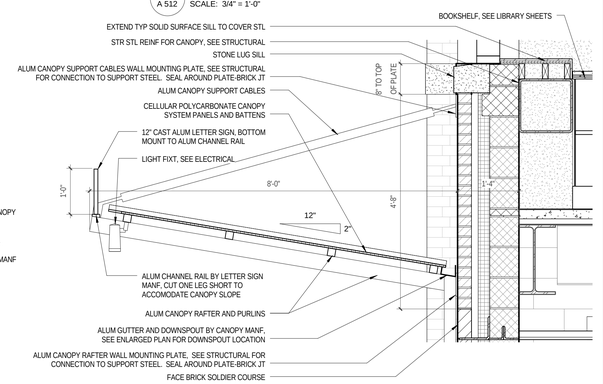
10 / A 512 ENLARGED PLAN - NORTHEAST CANOPY
SCALE: 1/4" = 1'-0"



11 / A 512 DETAIL - NORTHEAST CANOPY
SCALE: 3/4" = 1'-0"



12 / A 512 ENLARGED PLAN - NORTH CANOPY
SCALE: 1/4" = 1'-0"



13 / A 512 DETAIL - NORTH CANOPY
SCALE: 3/4" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP. UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

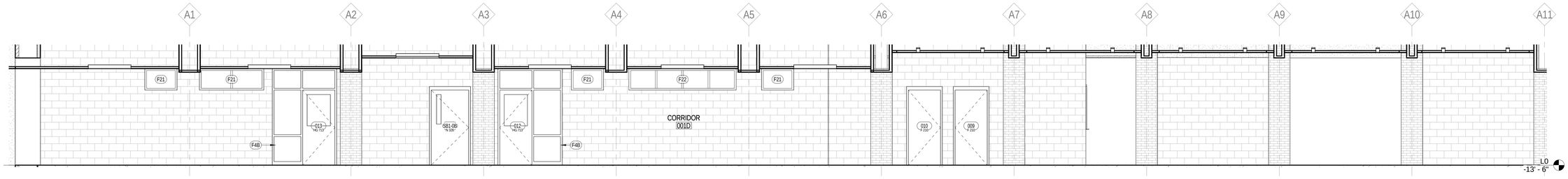
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

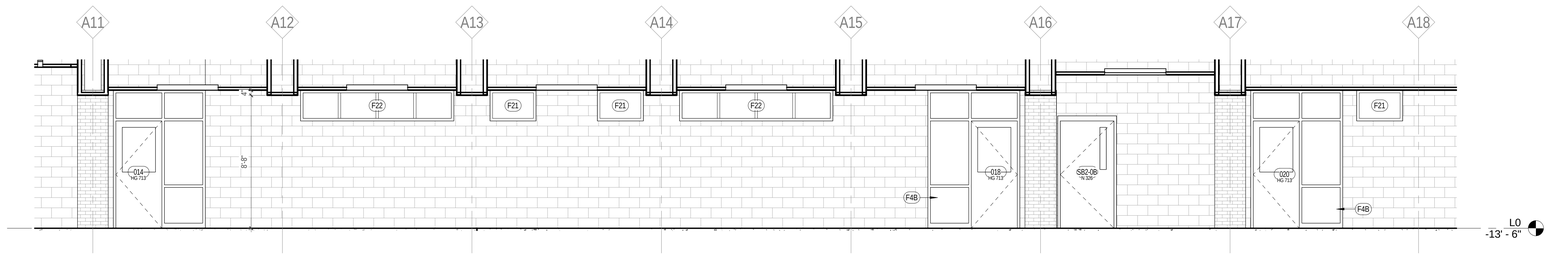
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
CANOPIES

A 512

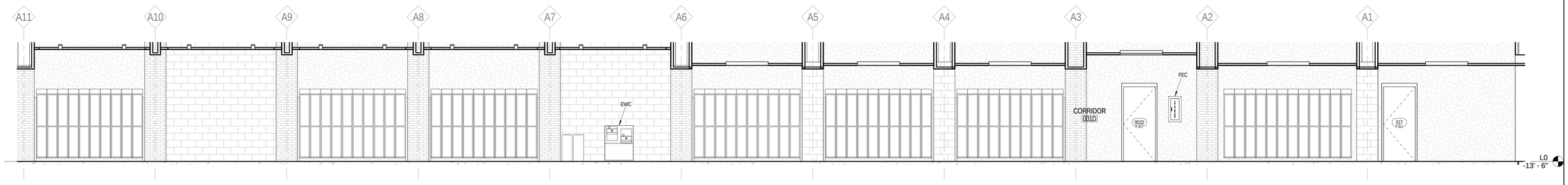
7/28/2016 4:37:14 PM



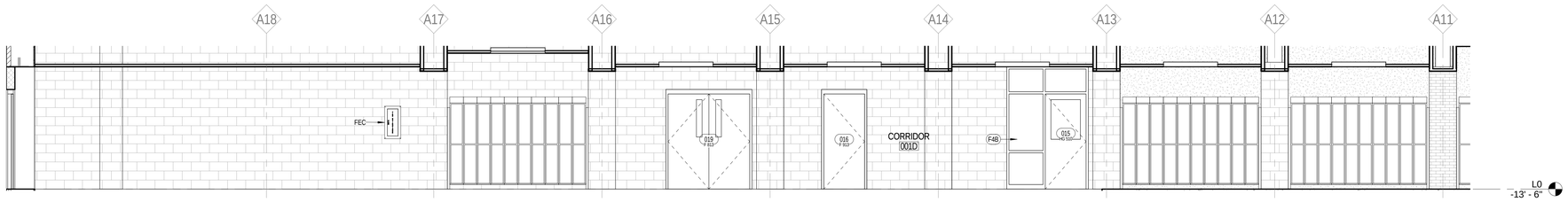
1 A 521 CORRIDOR L0 B - North1
SCALE: 1/4" = 1'-0"



2 A 521 CORRIDOR L0 B - North2
SCALE: 1/4" = 1'-0"



3 A 521 CORRIDOR L0 B - South1
SCALE: 1/4" = 1'-0"



4 A 521 CORRIDOR L0 B - South2
SCALE: 1/4" = 1'-0"

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LICENSE NO.: 8602
EXPIRATION DATE: 8/3/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

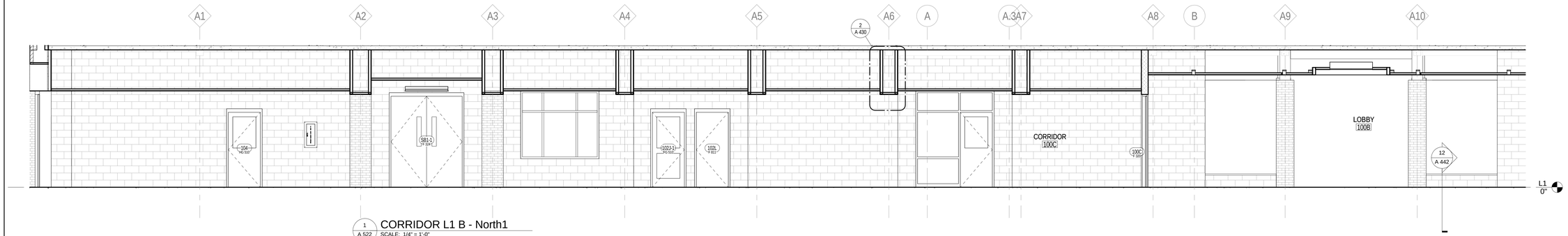
SCALE: 1/4" = 1'-0"

DRAWING NAME

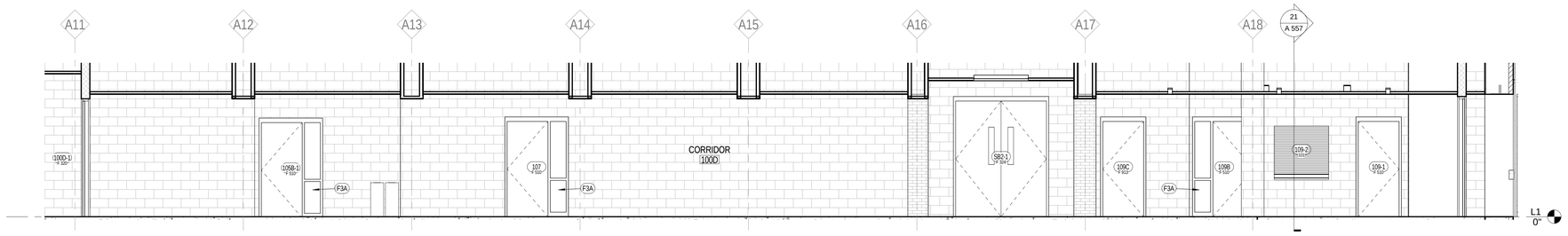
INT ELEV - L0 B - CORRIDORS

A 521

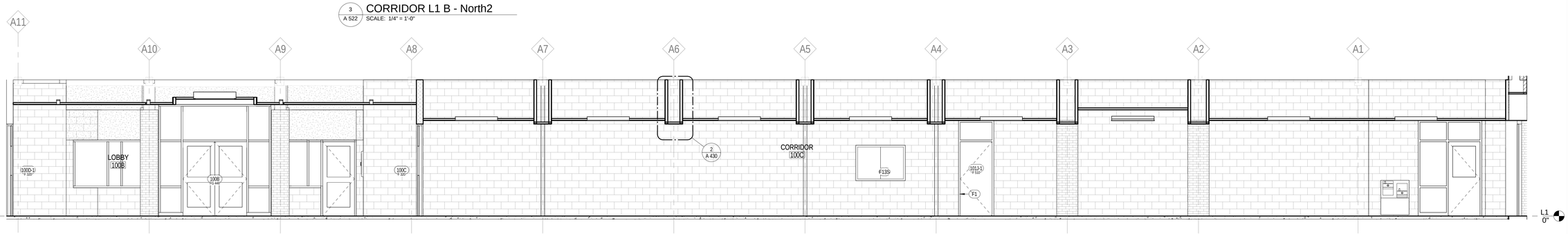
7/28/2016 4:37:29 PM



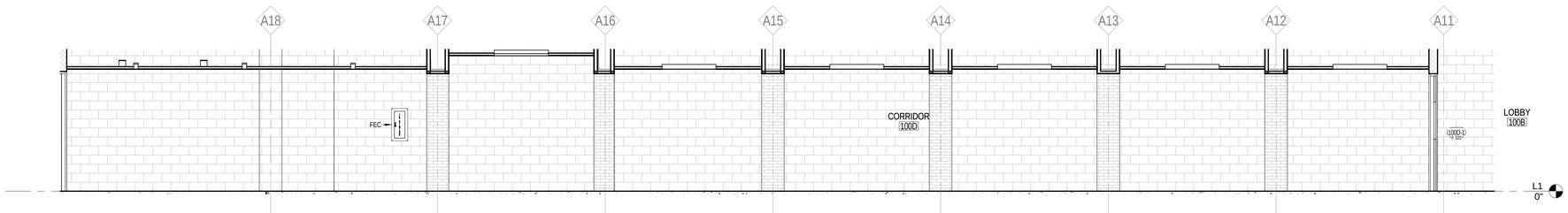
1 A 522 CORRIDOR L1 B - North1
SCALE: 1/4" = 1'-0"



3 A 522 CORRIDOR L1 B - North2
SCALE: 1/4" = 1'-0"



2 A 522 CORRIDOR L1 B - South1
SCALE: 1/4" = 1'-0"



4 A 522 CORRIDOR L1 B - South2
SCALE: 1/4" = 1'-0"

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

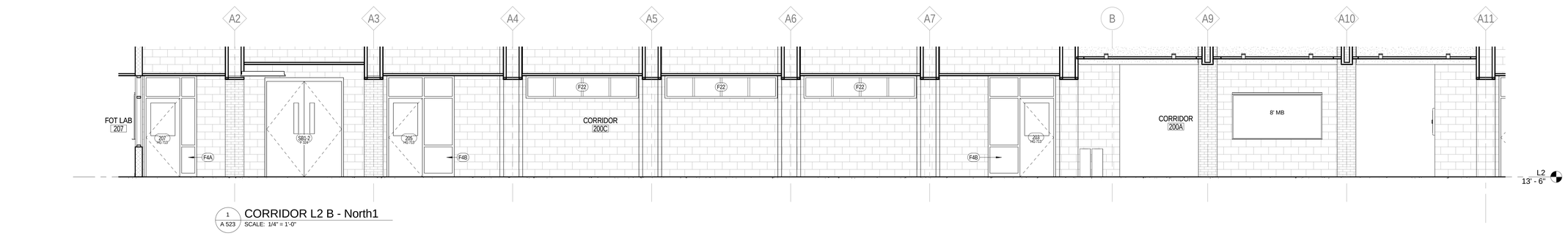
DATE: 3/31/16

SCALE: 1/4" = 1'-0"

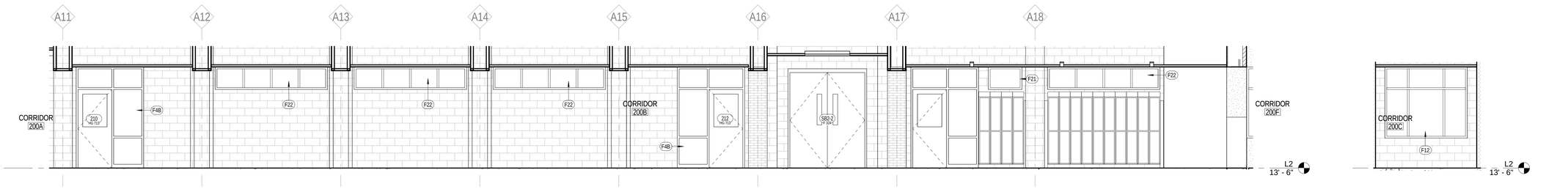
DRAWING NAME
INT ELEV - L1 B - CORRIDORS

A 522

7/28/2016 4:37:42 PM

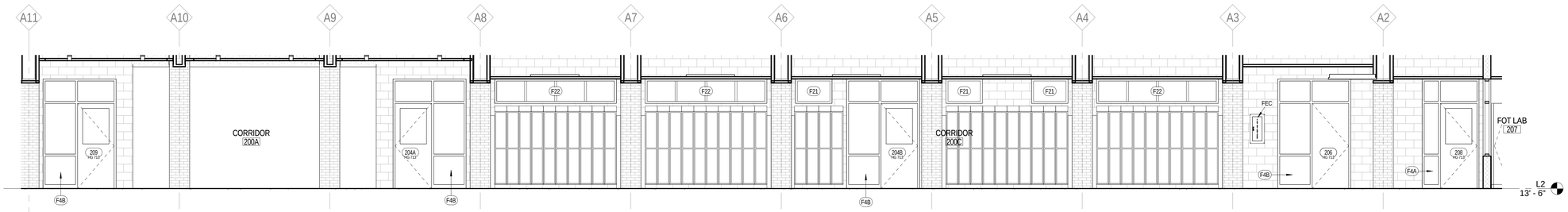


1 A 523 CORRIDOR L2 B - North1
SCALE: 1/4" = 1'-0"

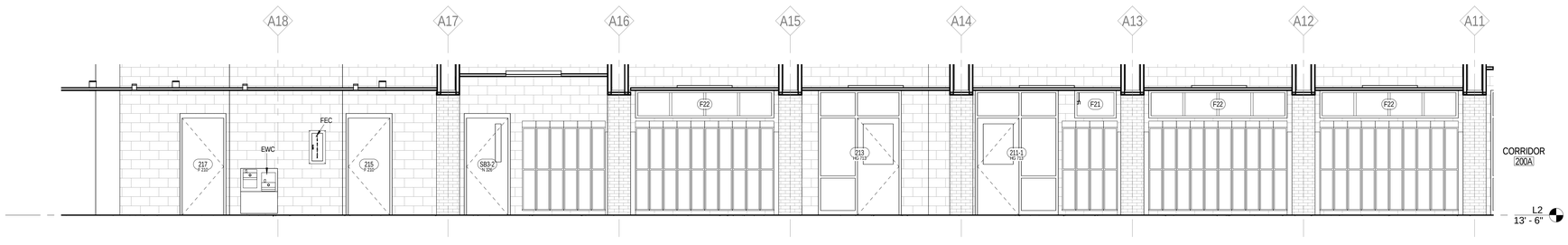


2 A 523 CORRIDOR L2 B - North2
SCALE: 1/4" = 1'-0"

5 A 523 CORRIDOR L2 B - West
SCALE: 1/4" = 1'-0"



3 A 523 CORRIDOR L2 B - South1
SCALE: 1/4" = 1'-0"



4 A 523 CORRIDOR L2 B - South2
SCALE: 1/4" = 1'-0"

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LICENSE NO.: 9982
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

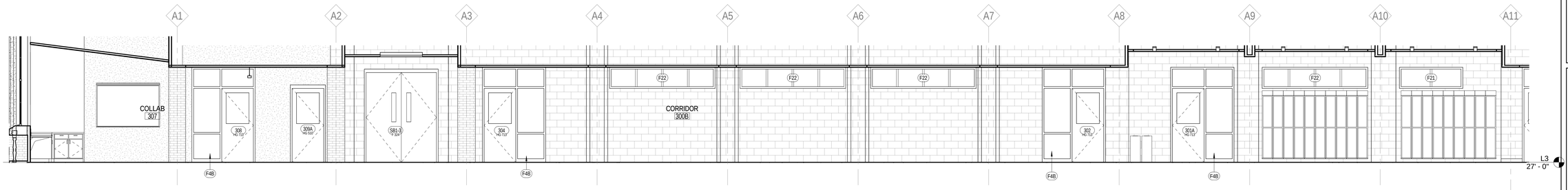
SCALE: 1/4" = 1'-0"

DRAWING NAME

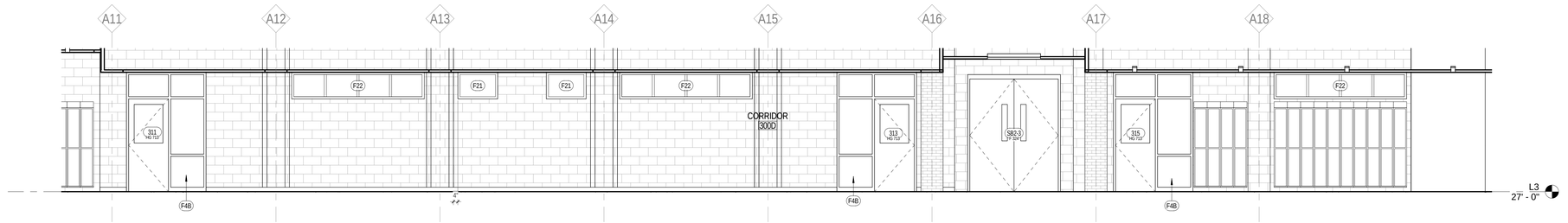
INT ELEV - L2 B CORRIDORS

A 523

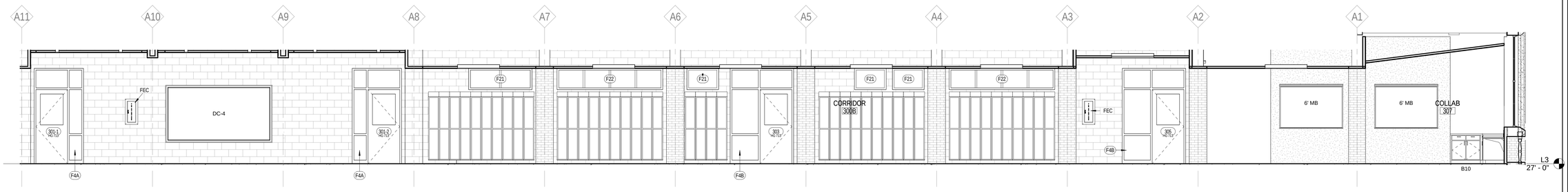
7/28/2016 4:38:00 PM



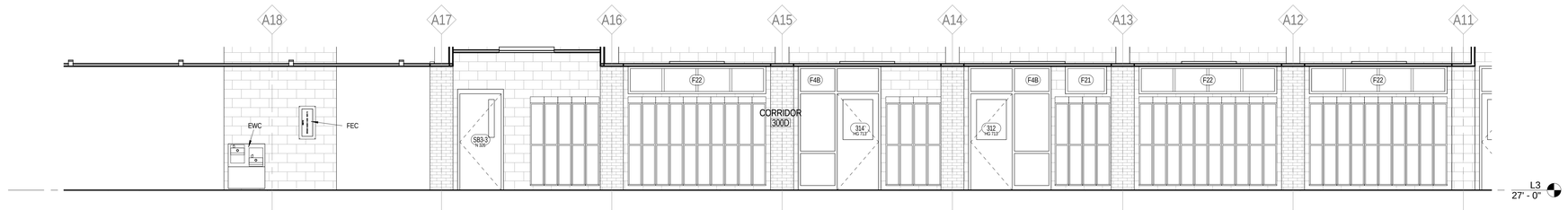
1 A 524 CORRIDOR L3 B - North1
SCALE: 1/4" = 1'-0"



2 A 524 CORRIDOR L3-B - North2
SCALE: 1/4" = 1'-0"



3 A 524 CORRIDOR L3 B - South1
SCALE: 1/4" = 1'-0"



4 A 524 CORRIDOR L3-B - South2
SCALE: 1/4" = 1'-0"

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LICENSE NO.: 8002
EXPIRATION DATE: 6/30/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

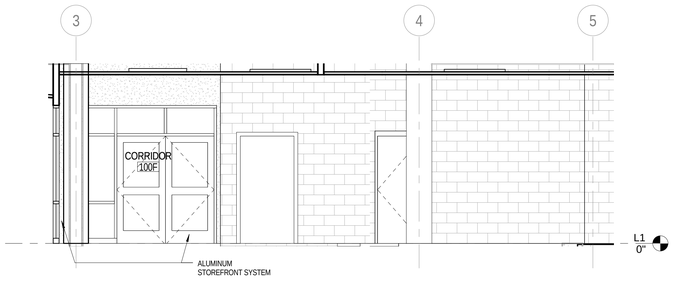
SCALE: 1/4" = 1'-0"

DRAWING NAME

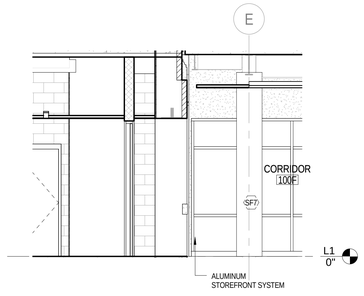
INT ELEV - L3 B - CORRIDORS

A 524

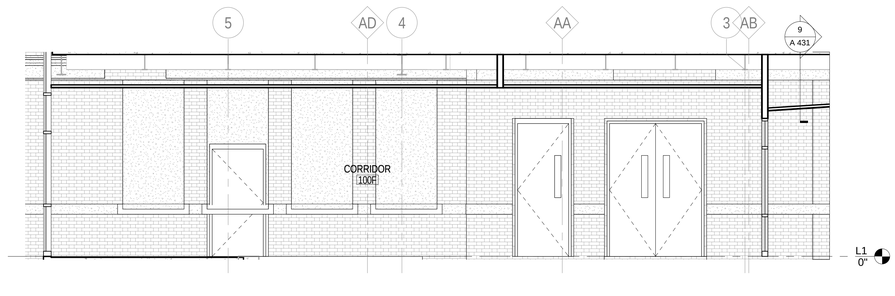
7/28/2016 4:38:13 PM



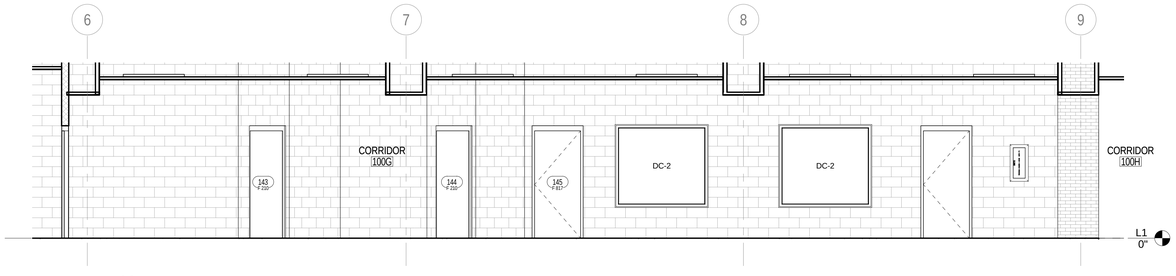
1 A 525 CORRIDOR L1 C - EAST 2
SCALE: 1/4" = 1'-0"



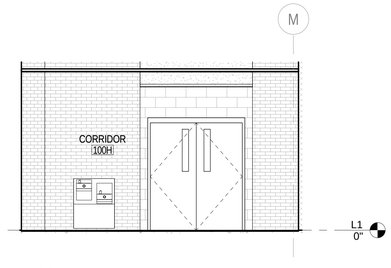
2 A 525 CORRIDOR L1 C - NORTH
SCALE: 1/4" = 1'-0"



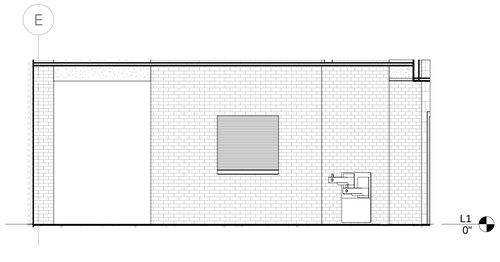
3 A 525 CORRIDOR L1 C - WEST
SCALE: 1/4" = 1'-0"



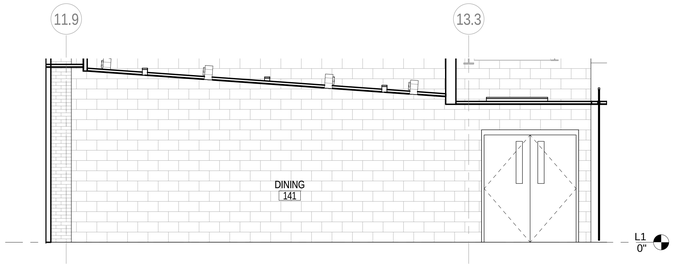
4 A 525 CORRIDOR L1 C - EAST
SCALE: 1/4" = 1'-0"



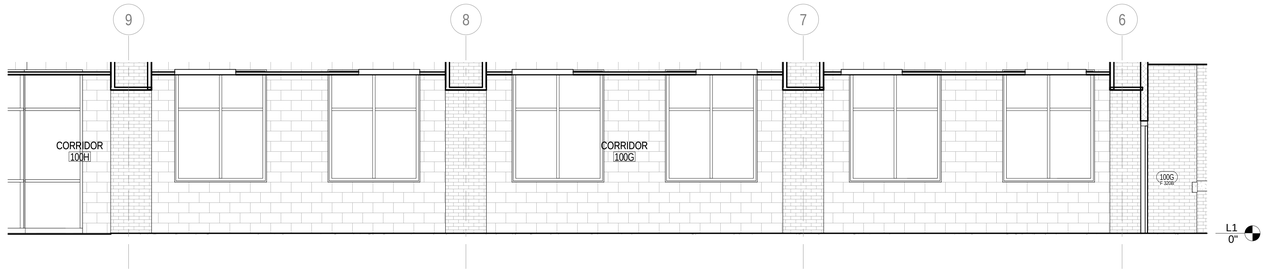
5 A 525 CORRIDOR L1 - NORTH 3
SCALE: 1/4" = 1'-0"



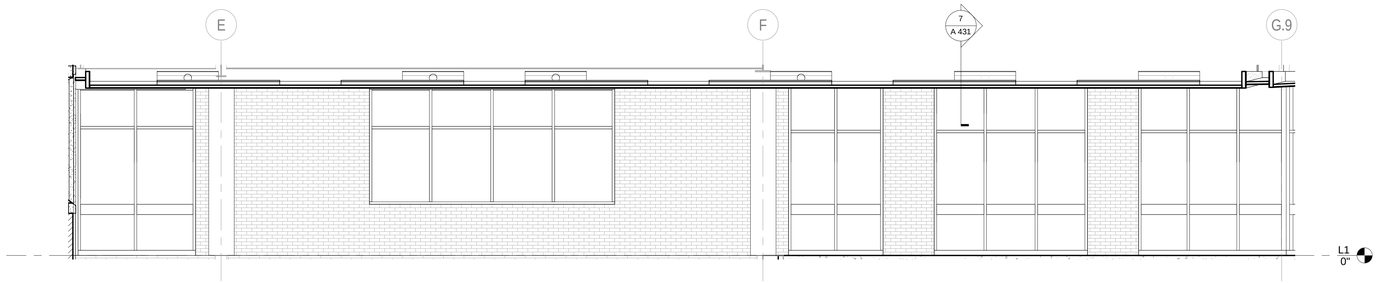
6 A 525 CORRIDOR L1 - NORTH 2
SCALE: 1/4" = 1'-0"



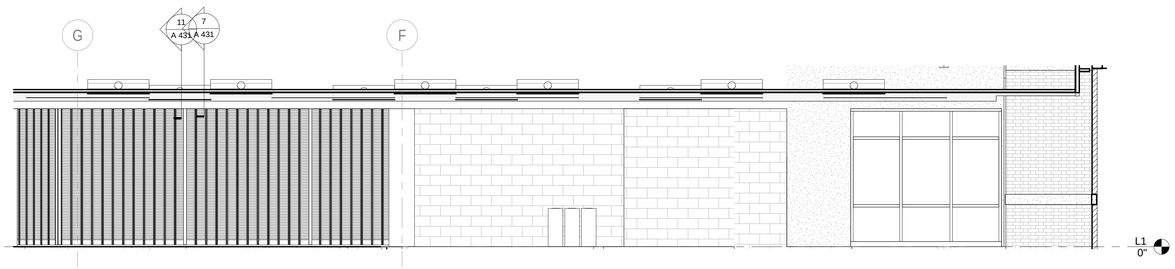
7 A 525 DINING - EAST
SCALE: 1/4" = 1'-0"



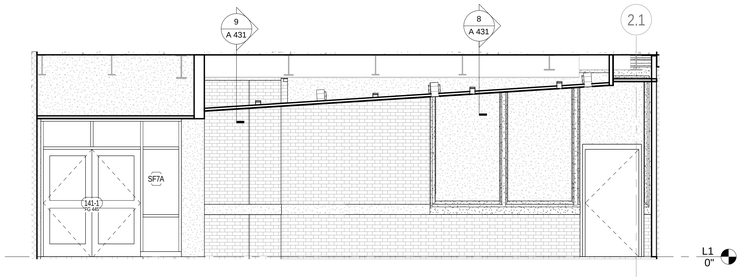
8 A 525 CORRIDOR L1 C - WEST 2
SCALE: 1/4" = 1'-0"



9 A 525 DINING - NORTH
SCALE: 1/4" = 1'-0"



10 A 525 DINING - SOUTH
SCALE: 1/4" = 1'-0"



11 A 525 DINING - WEST
SCALE: 1/4" = 1'-0"

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STRUCTURAL ENGINEER
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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

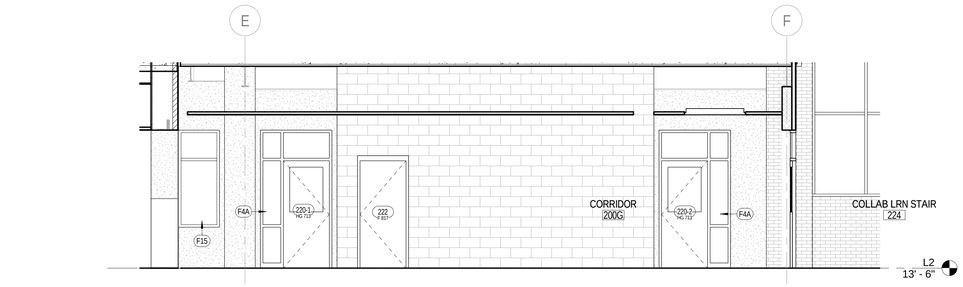
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

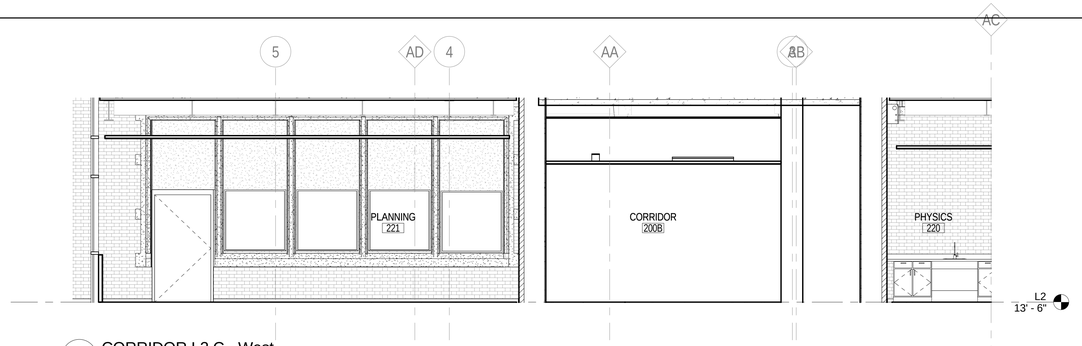
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"
DRAWING NAME
INT ELEV - L1 C - CORRIDORS

A 525

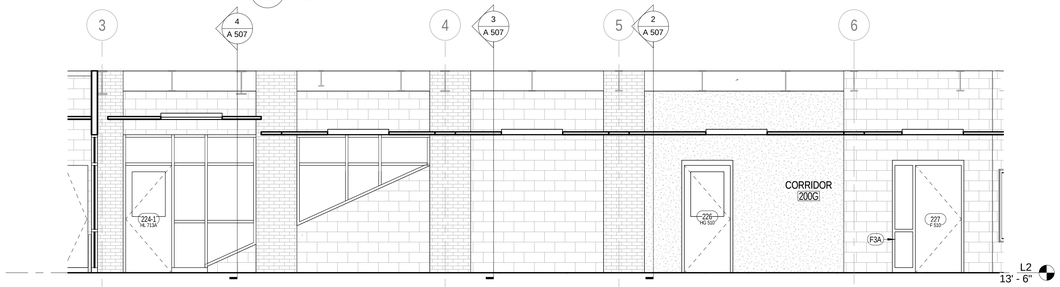
7/28/2016 4:38:33 PM



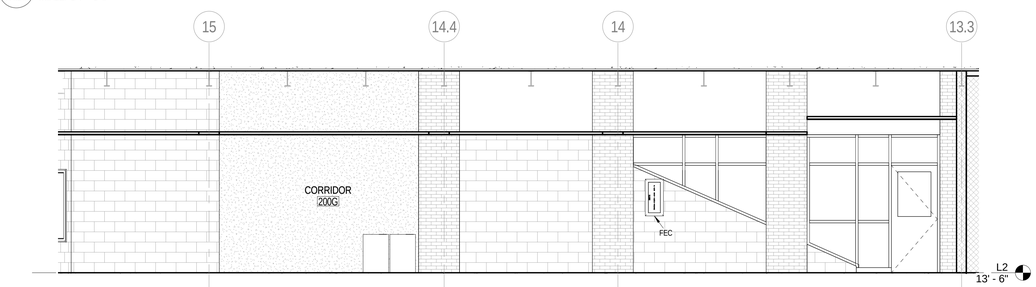
1 A 526 CORRIDOR L1 C - North
SCALE: 1/4" = 1'-0"



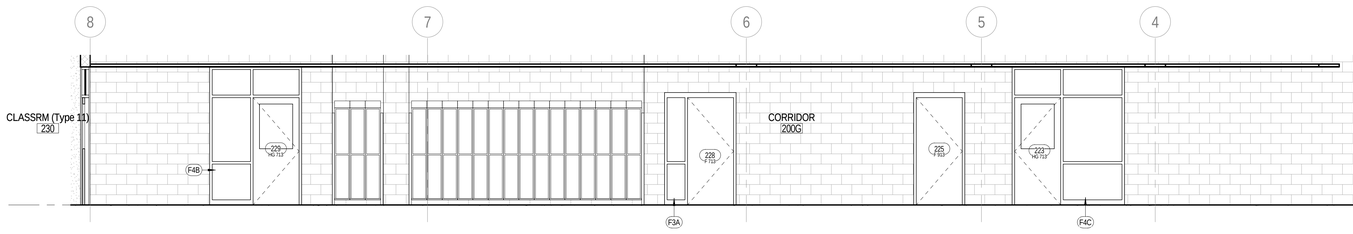
2 A 526 CORRIDOR L2 C - West
SCALE: 1/4" = 1'-0"



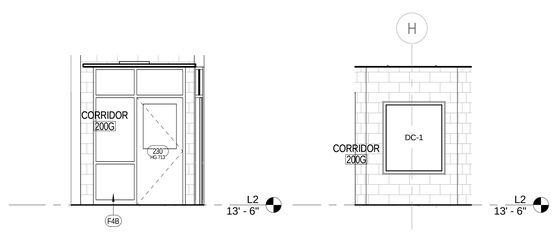
3 A 526 CORRIDOR L2 C - East
SCALE: 1/4" = 1'-0"



4 A 526 CORRIDOR L2 C - Northwest
SCALE: 1/4" = 1'-0"

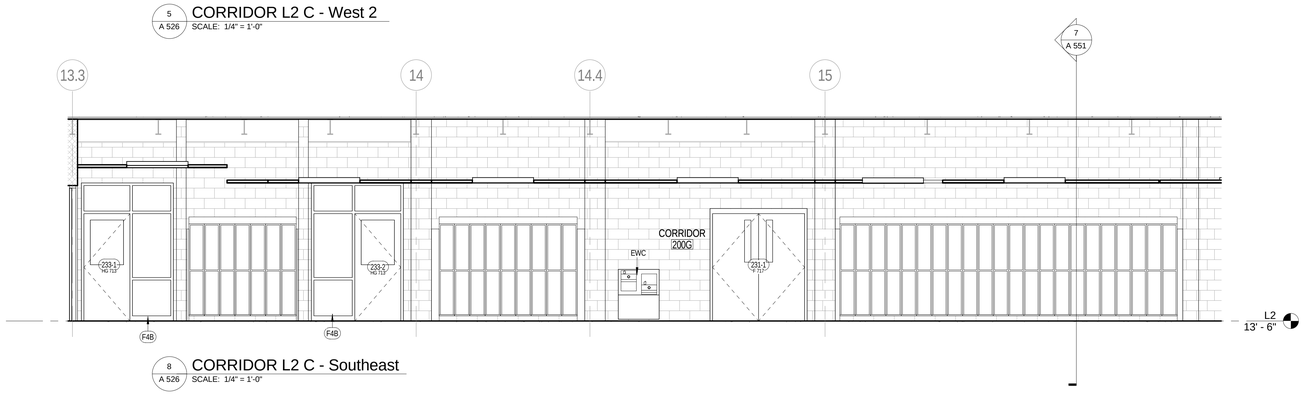


5 A 526 CORRIDOR L2 C - West 2
SCALE: 1/4" = 1'-0"

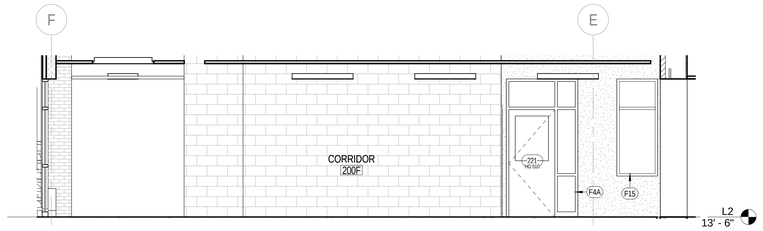


6 A 526 CORRIDOR L2 C - South
SCALE: 1/4" = 1'-0"

7 A 526 CORRIDOR L2C - North
SCALE: 1/4" = 1'-0"



8 A 526 CORRIDOR L2 C - Southeast
SCALE: 1/4" = 1'-0"



9 A 526 CORRIDOR L2 C - North
SCALE: 1/4" = 1'-0"

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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

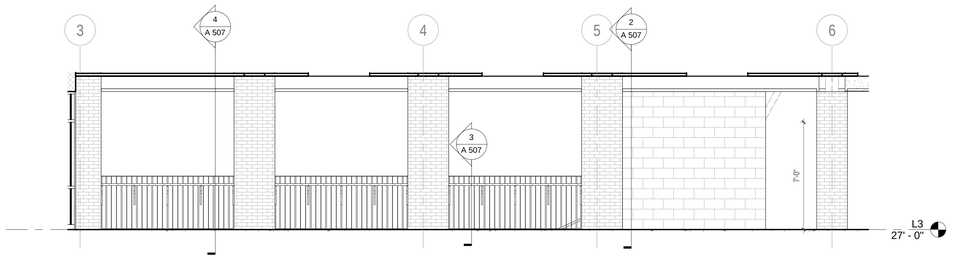
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

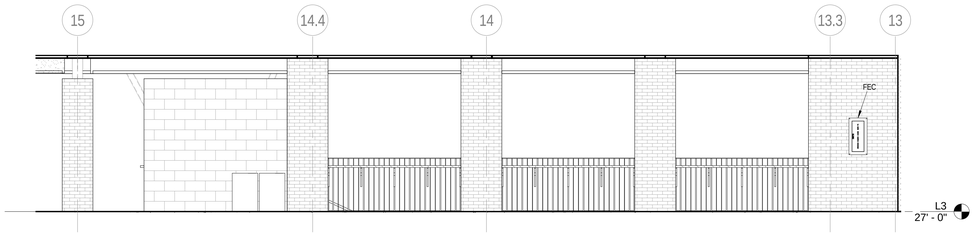
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"
DRAWING NAME
INT ELEV - L2 C - CORRIDORS

A 526

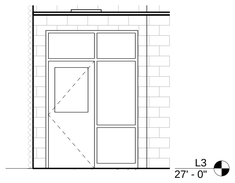
7/28/2016 4:38:51 PM



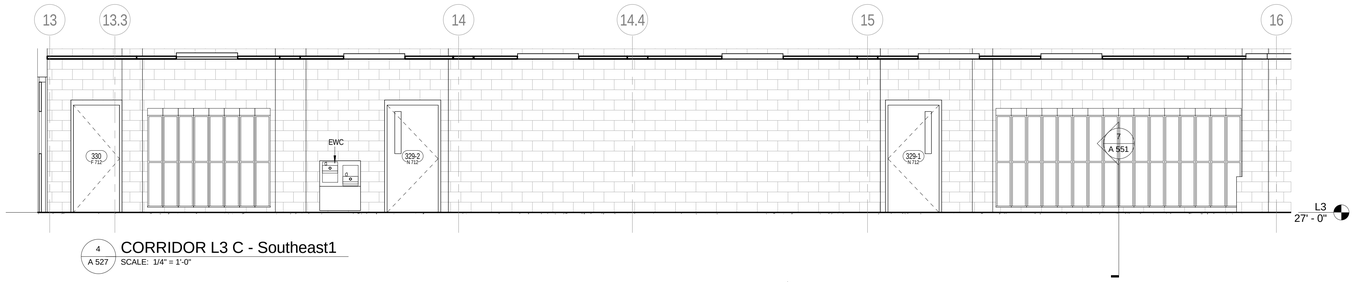
1 A 527 CORRIDOR L3 C - East1
SCALE: 1/4" = 1'-0"



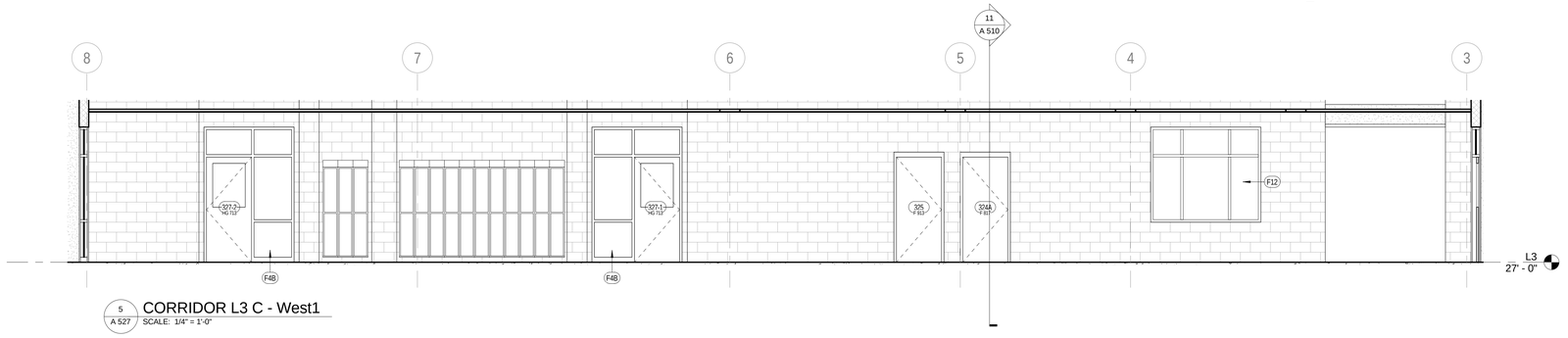
2 A 527 CORRIDOR L3 C - Northwest1
SCALE: 1/4" = 1'-0"



3 A 527 CORRIDOR L3 C - South1
SCALE: 1/4" = 1'-0"



4 A 527 CORRIDOR L3 C - Southeast1
SCALE: 1/4" = 1'-0"



5 A 527 CORRIDOR L3 C - West1
SCALE: 1/4" = 1'-0"

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LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

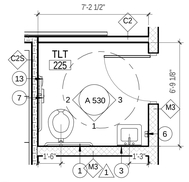
SCALE: 1/4" = 1'-0"

DRAWING NAME

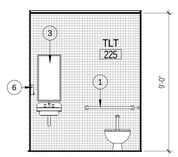
INT ELEV - L3 C - CORRIDORS

A 527

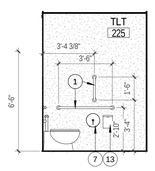
7/29/2016 4:39:05 PM



A A 530 TYP SINGLE TOILET
SCALE: 1/4" = 1'-0"

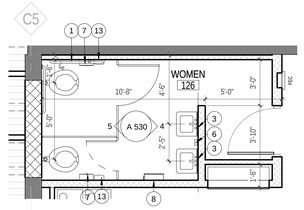


1 A 530 TYP TLT WALL 1
SCALE: 1/4" = 1'-0"

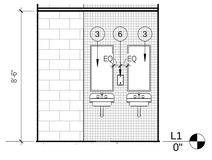


2 A 530 TYP TLT WALL 2
SCALE: 1/4" = 1'-0"

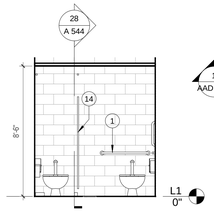
3 A 530 TYP TLT WALL 3
SCALE: 1/4" = 1'-0"



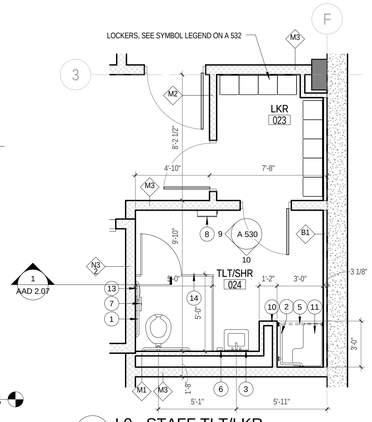
B A 530 L1A - WOMENS PUBLIC TOILETS
SCALE: 1/4" = 1'-0"



4 A 530 WOMENS TLT 126 - EAST
SCALE: 1/4" = 1'-0"

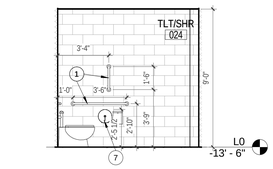


5 A 530 WOMENS TLT 126 - WEST
SCALE: 1/4" = 1'-0"

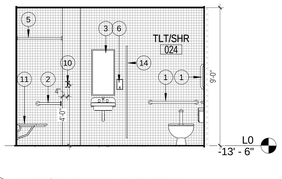


1 AAD 2.07

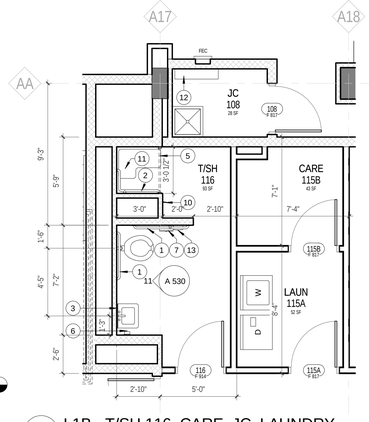
E A 530 L0 - STAFF TLT/LKR
SCALE: 1/4" = 1'-0"



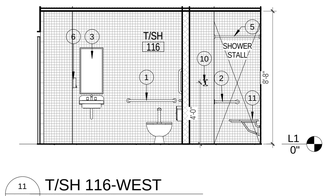
9 A 530 LKR/TLT 041 - WEST
SCALE: 1/4" = 1'-0"



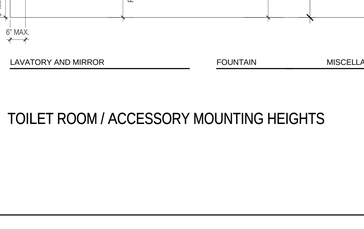
10 A 530 LKR/TLT 041 - SOUTH
SCALE: 1/4" = 1'-0"



F A 530 L1B - T/SH 116, CARE, JC, LAUNDRY
SCALE: 1/4" = 1'-0"



11 A 530 T/SH 116-WEST
SCALE: 1/4" = 1'-0"



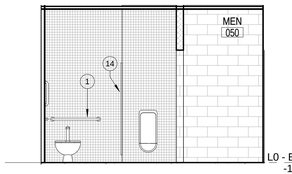
C A 530 MEN'S TOILET 125
SCALE: 1/4" = 1'-0"

7 A 530 MENS TLT 125 - NORTH
SCALE: 1/4" = 1'-0"

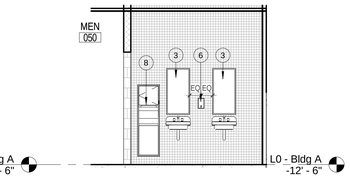
G A 530 L0 - PUBLIC TOILETS
SCALE: 1/4" = 1'-0"

12 A 530 WOMENS TLT 052 -
SCALE: 1/4" = 1'-0"

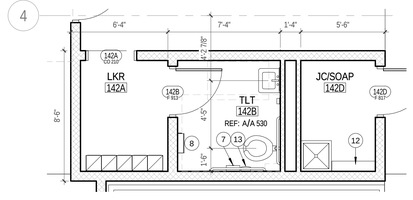
13 A 530 WOMENS TLT 052 - NORTH
SCALE: 1/4" = 1'-0"



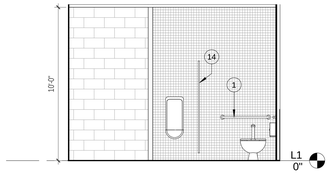
14 A 530 MENS TLT 050 - NORTH
SCALE: 1/4" = 1'-0"



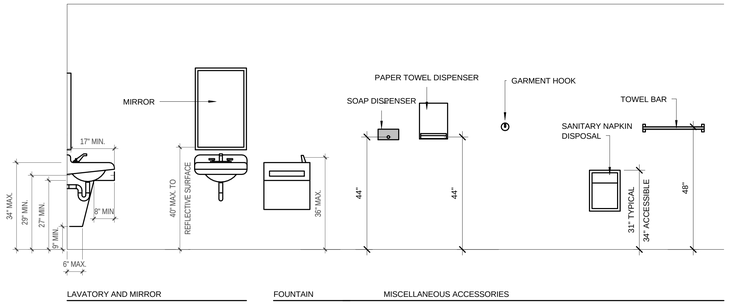
15 A 530 MENS TLT 050 - SOUTH
SCALE: 1/4" = 1'-0"



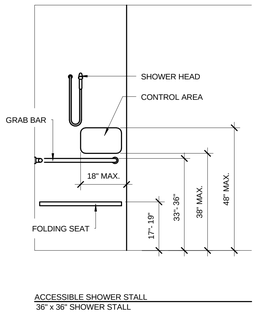
D A 530 L1C - TOILET / LKRS AT KITCHEN
SCALE: 1/4" = 1'-0"



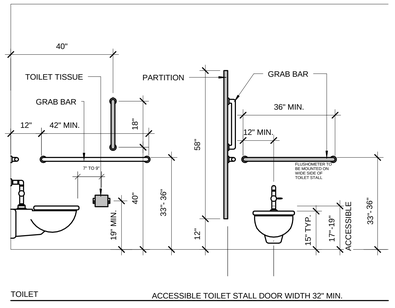
8 A 530 MENS TLT 125 - SOUTH
SCALE: 1/4" = 1'-0"



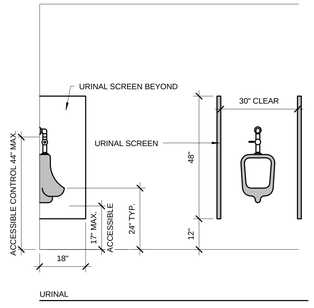
LAVATORY AND MIRROR | FOUNTAIN | MISCELLANEOUS ACCESSORIES



ACCESSIBLE SHOWER STALL
36" x 36" SHOWER STALL



TOILET | ACCESSIBLE TOILET STALL DOOR WIDTH 32" MIN.



URINAL

TOILET ROOM / ACCESSORY MOUNTING HEIGHTS

TOILET ACCESSORY LEGEND	
1	HANDICAP GRAB BAR
2	HANDICAP SHOWER GRAB BAR
3	SURFACE MOUNTED MIRROR
4	SURFACE MOUNTED FULL LENGTH MIRROR
5	HEAVY DUTY SHOWER CURTAIN ROD, HOOKS, AND CURTAIN
6	SURFACE MOUNTED SOAP DISPENSER
7	SURFACE MOUNTED TOILET TISSUE DISPENSER
8	SEMI-RECESSED PAPER TOWEL DISPENSER & WASTE RECEPTACLE
9	SURFACE MOUNTED ROLL TOWEL DISPENSER
10	CLOTHES HOOK
11	ADA FOLDING SHOWER SEAT
12	SHELF WITH MOP HOLDER
13	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL
14	TOILET PARTITION
15	LOCKER ROOM BENCH 9.5" W. SEE PLAN DIM. FOR LENGTH
17	ACCESSSIBLE LOCKER ROOM BENCH

TOILET & SHOWER ROOM NOTES:

1. DENOTES HDCP ACCESSIBLE FIXTURE/ ACCESSORY COMLYING WITH ANSI 117.1
2. SEE DETAILS THIS SHEET FOR TYPICAL FIXTURE AND ACCESSORY MOUNTING INFORMATION.
3. ALL DIMENSIONS NOTED ON TOILET ROOM PLANS ARE FROM FINISHED SURFACE.
4. PROVIDE DOOR PULLS ON BOTH SIDES OF STALL DOORS
5. DOORS TO ACCESSIBLE STALLS TO BE 32" MIN. CLEAR AND SELF-CLOSING
6. GARMENT HOOK TO BE MOUNTED 48" MAX TO TOP OF HOOK
7. ALL ACCESSIBLE GRAB BARS TO SUPPORT A LOAD OF 250 LBS MIN.
8. INSTALL HANDICAPPED SYMBOL STICKER TO ALL HANDICAPPED LAVATORIES AND LOCKERS WHEN MORE THAN ONE FIXTURE / LOCKER IS LOCATED WITHIN ROOM.
9. FURNISH AND INSTALL ALL BLOCKING AND SUPPLEMENTAL SUPPORT REQUIRED FOR SECURE AND PROPER INSTALLATION OF TOILET ROOM FIXTURES AND ACCESSORIES.
10. ALL EXPOSED WATER LINES UNDER LAVATORIES OR SINK SHALL BE INSULATED CABO/ANSI A117.1-4.17.5
11. FULL HEIGHT WALL TILE ON ALL WET WALLS ONLY, EXTEND TILE TO 1'-0" ABOVE CEILING, TYPICAL.
12. ALL WALLS NOT INDICATED AS TILED TO BE EPOXY PAINTED ACCORDING TO ROOM FINISH SCHEDULE

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

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PHILADELPHIA, PA 19127

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MEP ENGINEER
BRUNJAC ENGINEERING
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49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

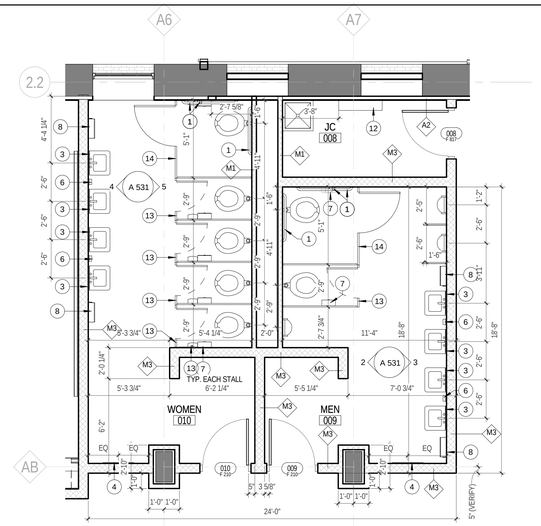
SCALE: As indicated

DRAWING NAME

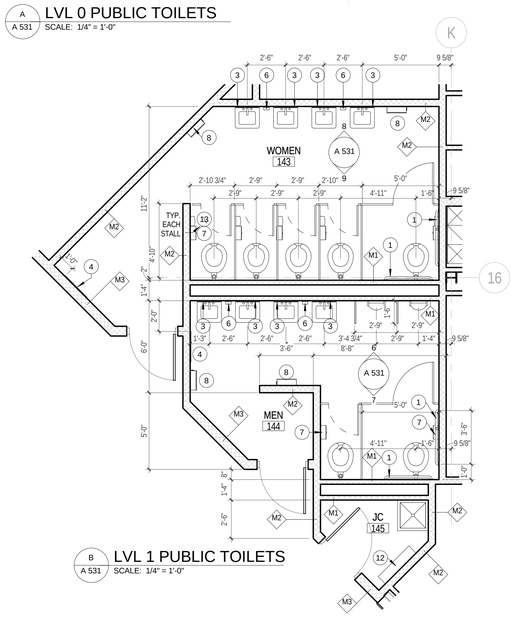
PLAN / ELEV - TOILET RMS

A 530

7/28/2016 4:39:32 PM



A LVL 0 PUBLIC TOILETS
A 531 SCALE: 1/4" = 1'-0"



B LVL 1 PUBLIC TOILETS
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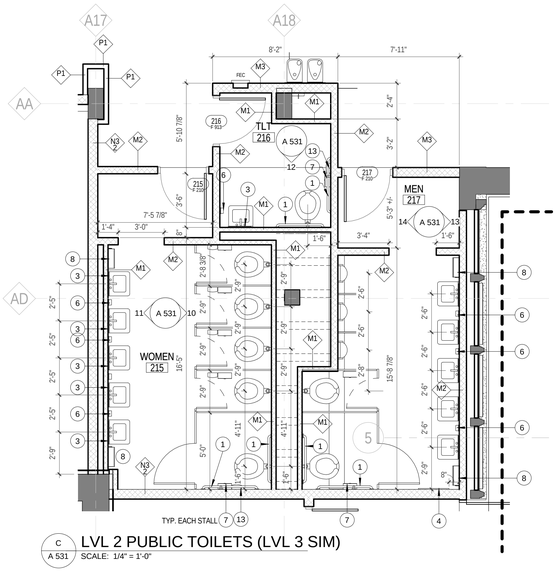

C LVL 2 PUBLIC TOILETS (LVL 3 SIM)
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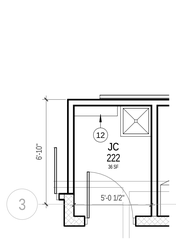
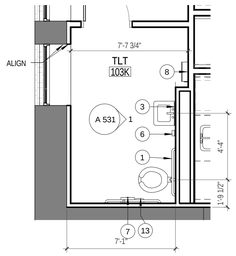
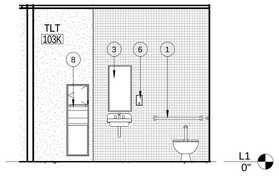


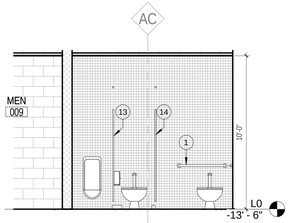
D TYPICAL JC
A 531 SCALE: 1/4" = 1'-0"



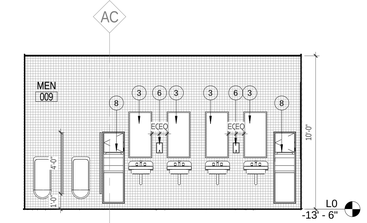
E L1B - TOILET - 103K
A 531 SCALE: 1/4" = 1'-0"



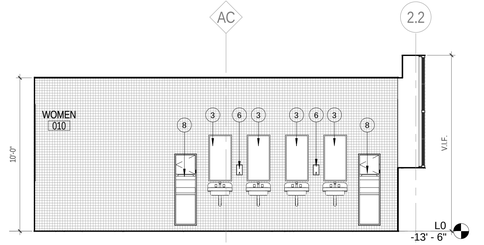
1 NURSE TOILET ROOM - EAST
A 531 SCALE: 1/4" = 1'-0"



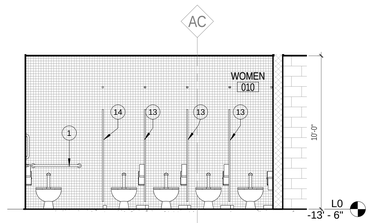
2 MEN 009 - WEST
A 531 SCALE: 1/4" = 1'-0"



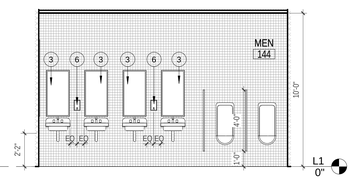
3 MEN 009 - EAST
A 531 SCALE: 1/4" = 1'-0"



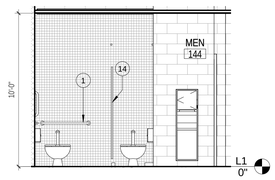
4 WOMEN 010 - WEST
A 531 SCALE: 1/4" = 1'-0"



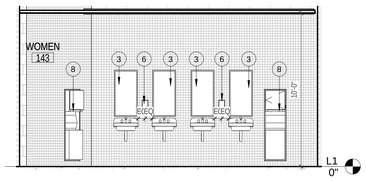
5 WOMEN 010 - EAST
A 531 SCALE: 1/4" = 1'-0"



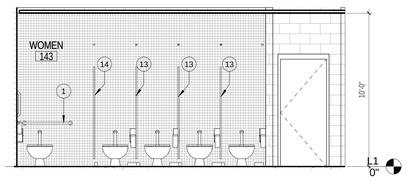
6 TOILET ROOM 144 - NORTH
A 531 SCALE: 1/4" = 1'-0"



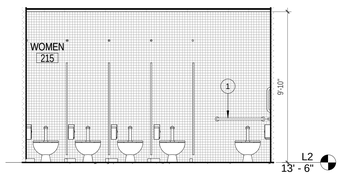
7 TOILET ROOM 144 - SOUTH
A 531 SCALE: 1/4" = 1'-0"



8 PUBLIC TOILET ROOM 143 - NORTH
A 531 SCALE: 1/4" = 1'-0"



9 TOILET ROOM 143 - SOUTH
A 531 SCALE: 1/4" = 1'-0"



10 TOILET ROOM 215 - EAST
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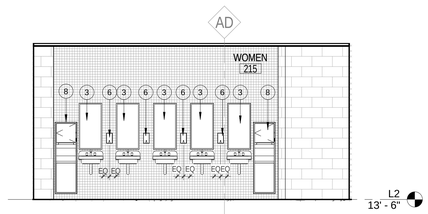
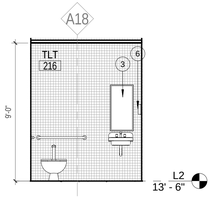
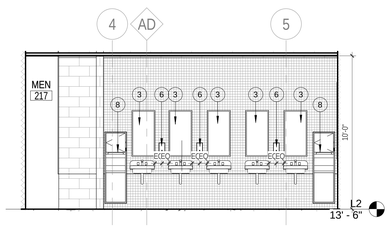


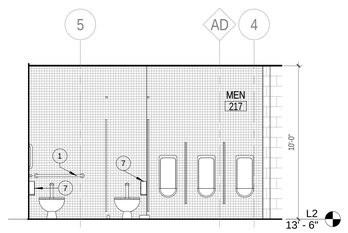
11 TOILET ROOM 215 - WEST
A 531 SCALE: 1/4" = 1'-0"



12 TOILET ROOM 216 - SOUTH
A 531 SCALE: 1/4" = 1'-0"



13 TOILET ROOM 217 - EAST
A 531 SCALE: 1/4" = 1'-0"



14 TOILET ROOM 217 - WEST
A 531 SCALE: 1/4" = 1'-0"

TOILET ACCESSORY LEGEND	
1	HANDICAP GRAB BAR
2	HANDICAP SHOWER GRAB BAR
3	SURFACE MOUNTED MIRROR
4	SURFACE MOUNTED FULL LENGTH MIRROR
5	HEAVY DUTY SHOWER CURTAIN ROD, HOOKS, AND CURTAIN
6	SURFACE MOUNTED SOAP DISPENSER
7	SURFACE MOUNTED TOILET TISSUE DISPENSER
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12	SHELF WITH MOP HOLDER
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14	TOILET PARTITION
15	LOCKER ROOM BENCH 9.5" W. SEE PLAN DIM. FOR LENGTH
17	ACCESSSIBLE LOCKER ROOM BENCH

TOILET & SHOWER ROOM NOTES:

1. ♿ DENOTES HDCP ACCESSIBLE FIXTURE/ ACCESSORY COMLYING WITH ANSI 117.1
2. SEE DETAILS THIS SHEET FOR TYPICAL FIXTURE AND ACCESSORY MOUNTING INFORMATION.
3. ALL DIMENSIONS NOTED ON TOILET ROOM PLANS ARE FROM FINISHED SURFACE.
4. PROVIDE DOOR PULLS ON BOTH SIDES OF STALL DOORS
5. DOORS TO ACCESSIBLE STALLS TO BE 32" MIN. CLEAR AND SELF-CLOSING
6. GARMENT HOOK TO BE MOUNTED 48" MAX TO TOP OF HOOK
7. ALL ACCESSIBLE GRAB BARS TO SUPPORT A LOAD OF 250 LBS MIN.
8. INSTALL HANDICAPPED SYMBOL STICKER TO ALL HANDICAPPED LAVATORIES AND LOCKERS WHEN MORE THAN ONE FIXTURE / LOCKER IS LOCATED WITHIN ROOM.
9. FURNISH AND INSTALL ALL BLOCKING AND SUPPLEMENTAL SUPPORT REQUIRED FOR SECURE AND PROPER INSTALLATION OF TOILET ROOM FIXTURES AND ACCESSORIES.
10. ALL EXPOSED WATER LINES UNDER LAVATORIES OR SINK SHALL BE INSULATED CABOIANSI A117.1-4.17.5
11. FULL HEIGHT WALL TILE ON ALL WET WALLS ONLY, EXTEND TILE TO 1'-0" ABOVE CEILING, TYPICAL.
12. ALL WALLS NOT INDICATED AS TILED TO BE EPOXY PAINTED ACCORDING TO ROOM FINISH SCHEDULE

GENERAL PLAN NOTES

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7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

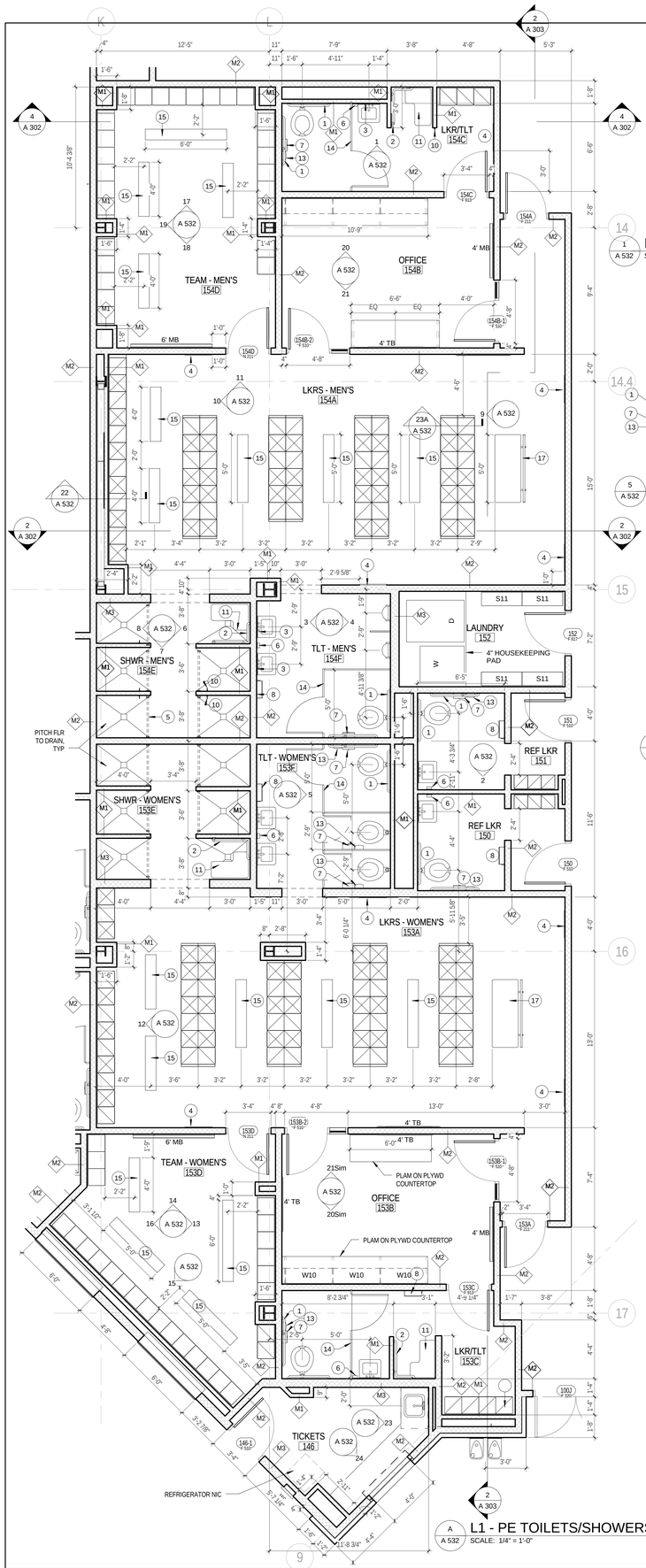
SCALE: 1/4" = 1'-0"

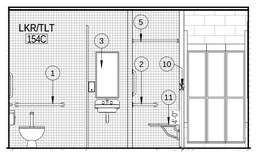
DRAWING NAME

PLAN / ELEV - TOILET RMS

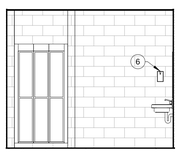
A 531

7/28/2016 4:40:02 PM





1 A 532 LKR/TLT 154C - NORTH
SCALE: 1/4" = 1'-0"



2 A 532 REF LKR 150 - SOUTH
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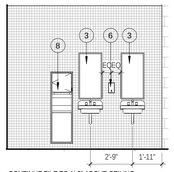
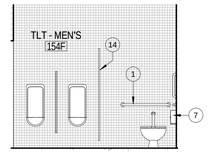


3 A 532 TLT 154F - WEST
SCALE: 1/4" = 1'-0"



4 A 532 TLT 154F - EAST
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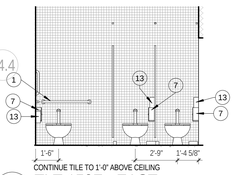

5 A 532 TLT 153F - EAST
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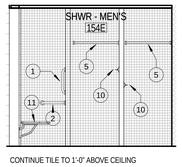
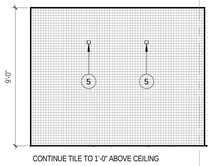
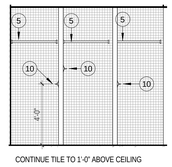


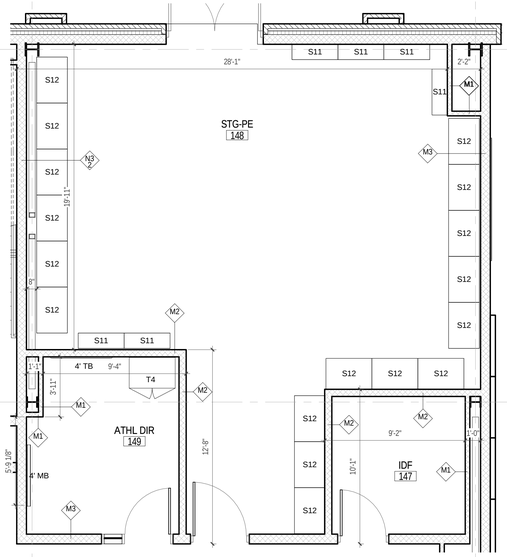
6 A 532 SHWR 154E - EAST
SCALE: 1/4" = 1'-0"



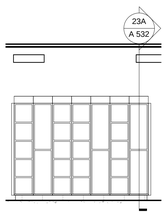
7 A 532 SHWR 154E - SOUTH
SCALE: 1/4" = 1'-0"



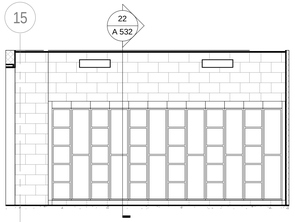
8 A 532 SHWR 154E - WEST
SCALE: 1/4" = 1'-0"



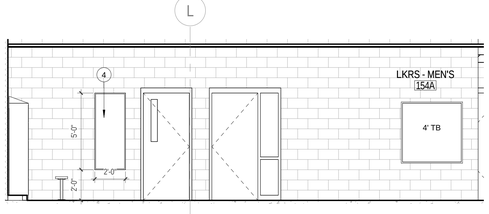
B A 532 PE STORAGE
SCALE: 1/4" = 1'-0"



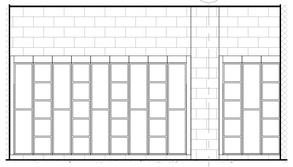
9 A 532 TYP LKR ISLAND
SCALE: 1/4" = 1'-0"



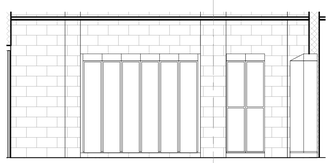
10 A 532 LOCKERS 154A - WEST
SCALE: 1/4" = 1'-0"



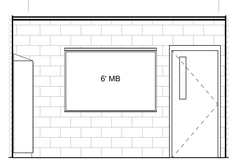
11 A 532 LOCKERS 154A - NORTH
SCALE: 1/4" = 1'-0"



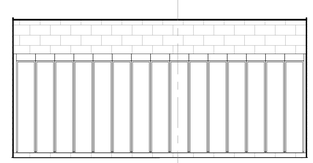
12 A 532 LOCKERS 153A - WEST
SCALE: 1/4" = 1'-0"



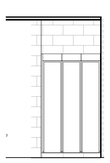
13 A 532 TEAM 153D - EAST
SCALE: 1/4" = 1'-0"



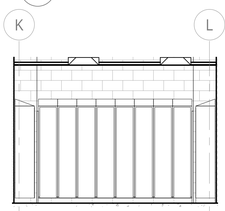
14 A 532 TEAM 153D - NORTH
SCALE: 1/4" = 1'-0"



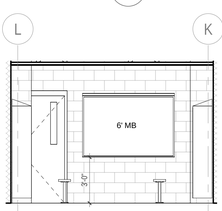
15 A 532 TEAM 153D - SOUTHWEST
SCALE: 1/4" = 1'-0"



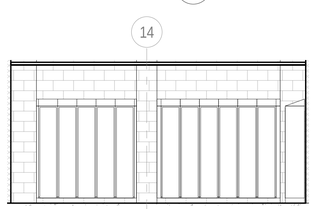
16 A 532 TEAM 153D - WEST
SCALE: 1/4" = 1'-0"



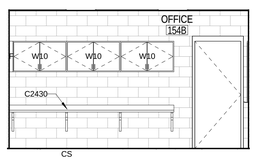
17 A 532 TEAM 154D - NORTH
SCALE: 1/4" = 1'-0"



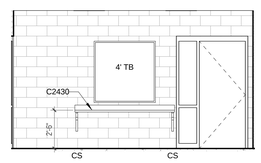
18 A 532 TEAM 154D - SOUTH
SCALE: 1/4" = 1'-0"



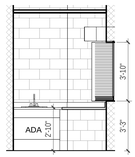
19 A 532 TEAM 154D - WEST
SCALE: 1/4" = 1'-0"



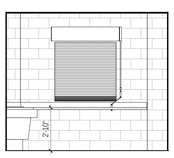
20 A 532 OFFICE 154B - NORTH
SCALE: 1/4" = 1'-0"



21 A 532 OFFICE 154B - SOUTH
SCALE: 1/4" = 1'-0"



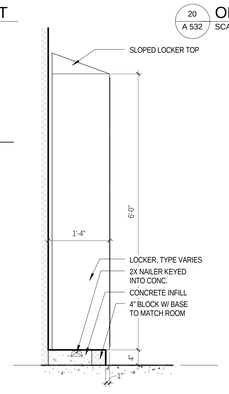
23 A 532 CONCESS 146 - EAST
SCALE: 1/4" = 1'-0"



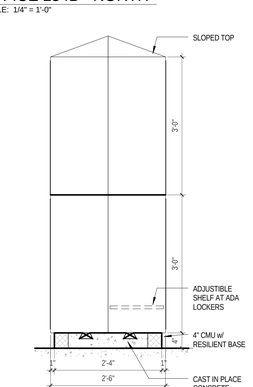
24 A 532 CONCESS 146 - SE
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE



22 A 532 LOCKERS - TYPICAL
SCALE: 3/4" = 1'-0"



23A A 532 LOCKERS - ISLAND
SCALE: 3/4" = 1'-0"

TOILET ACCESSORY LEGEND	
1	HANDICAP GRAB BAR
2	HANDICAP SHOWER GRAB BAR
3	SURFACE MOUNTED MIRROR
4	SURFACE MOUNTED FULL LENGTH MIRROR
5	HEAVY DUTY SHOWER CURTAIN ROD, HOOKS, AND CURTAIN
6	SURFACE MOUNTED SOAP DISPENSER
7	SURFACE MOUNTED TOILET TISSUE DISPENSER
8	SEMI-RECESSED PAPER TOWEL DISPENSER & WASTE RECEPTACLE
9	SURFACE MOUNTED ROLL TOWEL DISPENSER
10	CLOTHES HOOK
11	ADA FOLDING SHOWER SEAT
12	SHELF WITH MOP HOLDER
13	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL
14	TOILET PARTITION
15	LOCKER ROOM BENCH 9.5" W. SEE PLAN DIM. FOR LENGTH
17	ACCESSSIBLE LOCKER ROOM BENCH

LOCKER TYPE PLAN SYMBOL LEGEND

- SINGLE LOCKER
- 2 STACKED LOCKER
- 5 STACKED LOCKER

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LANDSCAPE ARCHITECT
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BALTIMORE, MD 21211

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BALTIMORE, MD 21224

MEP ENGINEER
BRINJAC ENGINEERING
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BALTIMORE, MD 21201

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NYIKOS ASSOCIATES
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AVIIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT/PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

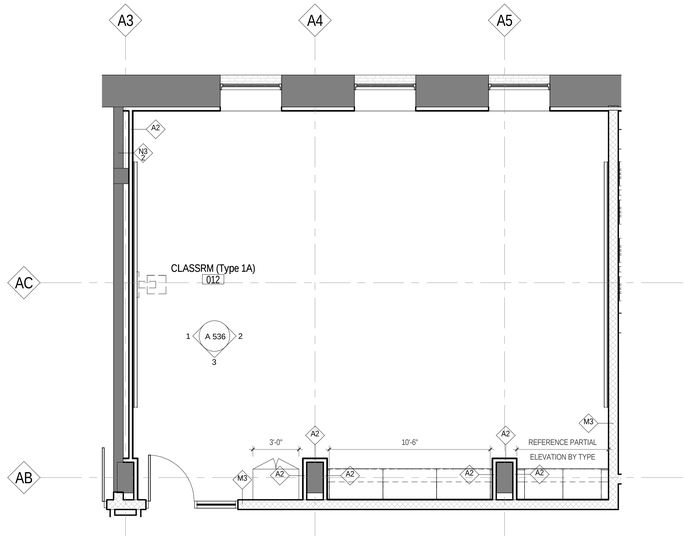
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

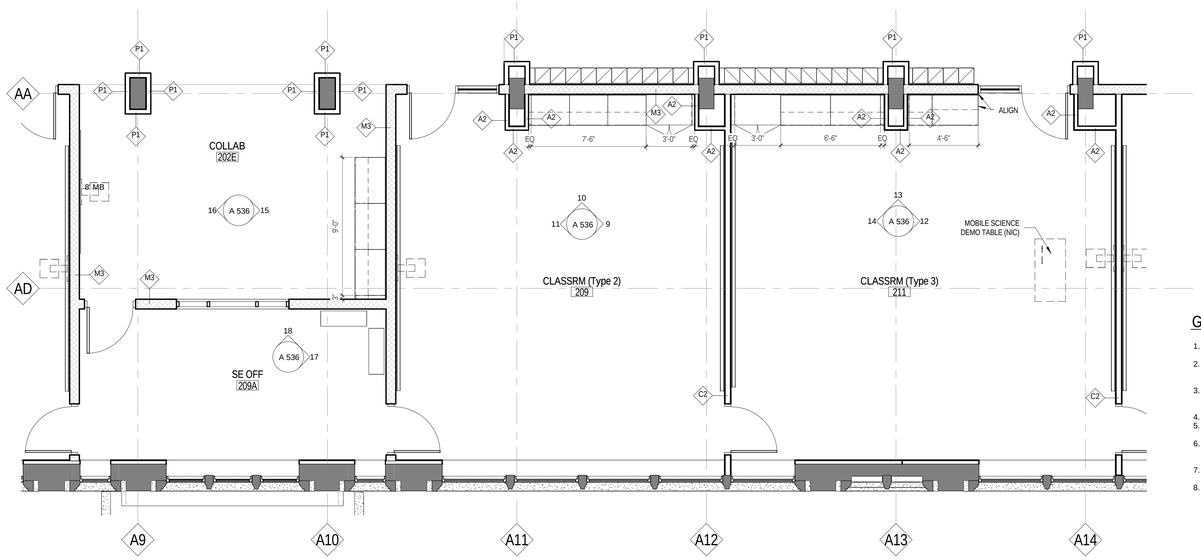
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
PLAN / ELEV - LOCKER ROOMS

A 532

7/29/2016 4:40:49 PM



A CLASSROOM TYPE 1A THRU 1D
A536 SCALE: 1/4" = 1'-0"



8 A536 CLSRM TYPES 2(209), 3(211), OFF, COLLAB
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
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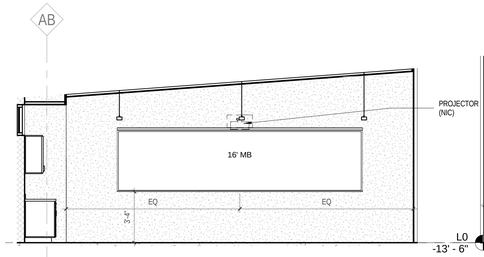
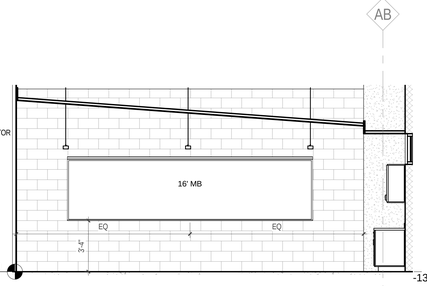
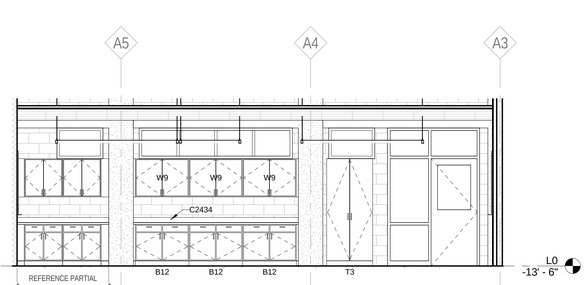
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE



1 A536 CLASSRM 012 - WEST
SCALE: 1/4" = 1'-0"

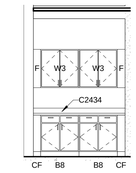


2 A536 CLASSRM 012 - EAST
SCALE: 1/4" = 1'-0"

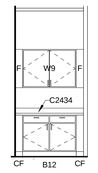


3 A536 CLASSRM 012 - SOUTH
SCALE: 1/4" = 1'-0"

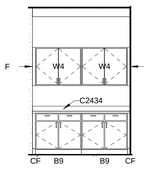
PART ELEVATIONS BY TYPE FOR TYPE "1": SEE TYPE 1A-1D PLAN ABOVE



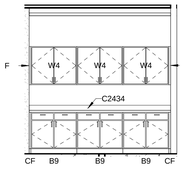
4 A536 TYPE 1A
SCALE: 1/4" = 1'-0"



5 A536 TYPE 1B
SCALE: 1/4" = 1'-0"

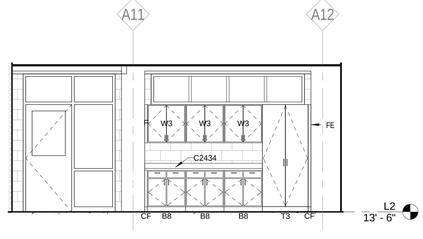


6 A536 TYPE 1C
SCALE: 1/4" = 1'-0"

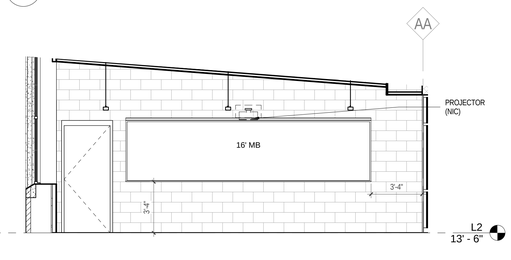


7 A536 TYPE 1D
SCALE: 1/4" = 1'-0"

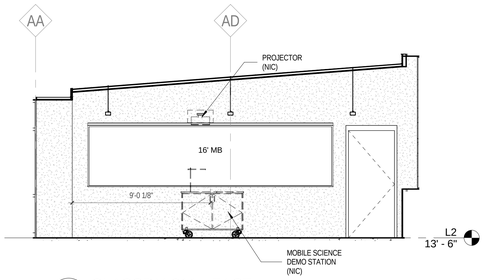
9 CLASSRM 209 - EAST
SCALE: 1/4" = 1'-0"



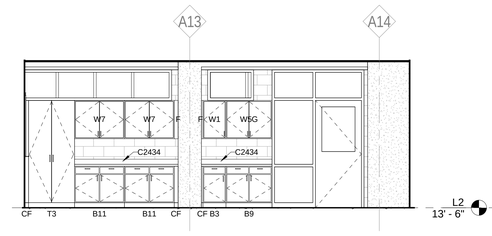
10 A536 CLASSRM 209 - NORTH
SCALE: 1/4" = 1'-0"



11 A536 CLASSRM 209 - WEST
SCALE: 1/4" = 1'-0"



12 A536 CLASSRM 211 - EAST
SCALE: 1/4" = 1'-0"



13 A536 CLASSRM 211 - NORTH
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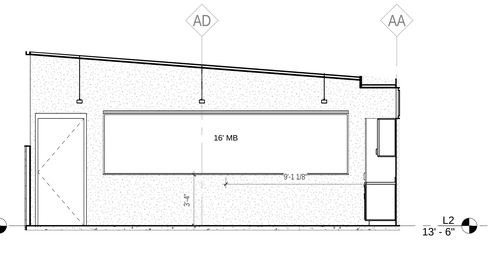
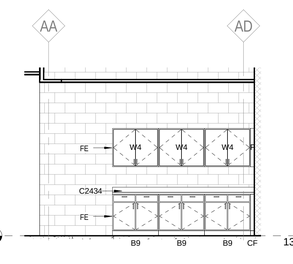
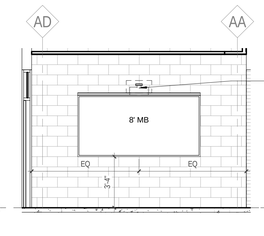


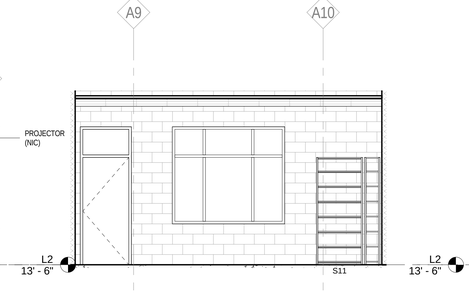
14 A536 CLASSRM 211 - WEST
SCALE: 1/4" = 1'-0"



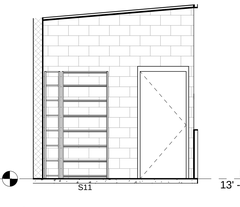
15 A536 COLLAB 202E - EAST
SCALE: 1/4" = 1'-0"



16 A536 COLLAB 202E - WEST
SCALE: 1/4" = 1'-0"



18 A536 SE OFF 209A - NORTH
SCALE: 1/4" = 1'-0"



17 A536 SE OFF 209A - EAST
SCALE: 1/4" = 1'-0"

JRS ARCHITECTS
2010 Clipper Park Rd.
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ASSOCIATE ARCHITECT
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PHILADELPHIA, PA 19127

LANDSCAPE ARCHITECT
MAHAN RYKIEL ASSOCIATES
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BALTIMORE, MD 21211

CIVIL ENGINEER
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BALTIMORE, MD 21244

STRUCTURAL ENGINEER
ALBRECHT ENGINEERING
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

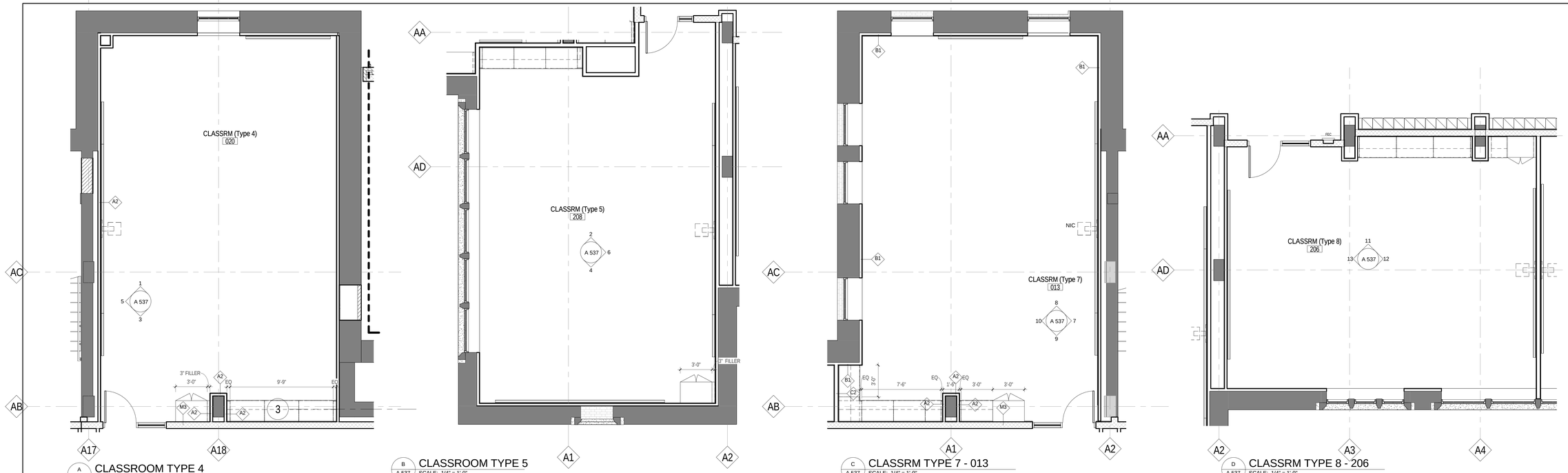
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"

DRAWING NAME
PLAN / ELEV - CLASSRM TYPES 1. 2 &3

A 536

7/28/2016 4:41:22 PM

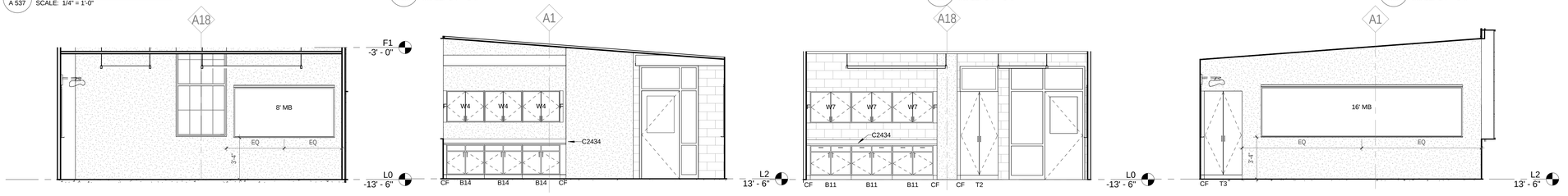


A 537 — CLASSROOM TYPE 4
SCALE: 1/4" = 1'-0"

B A 537 — CLASSROOM TYPE 5
SCALE: 1/4" = 1'-0"

C A 537 — CLASSRM TYPE 7 - 013
SCALE: 1/4" = 1'-0"

D A 537 — CLASSRM TYPE 8 - 206
SCALE: 1/4" = 1'-0"

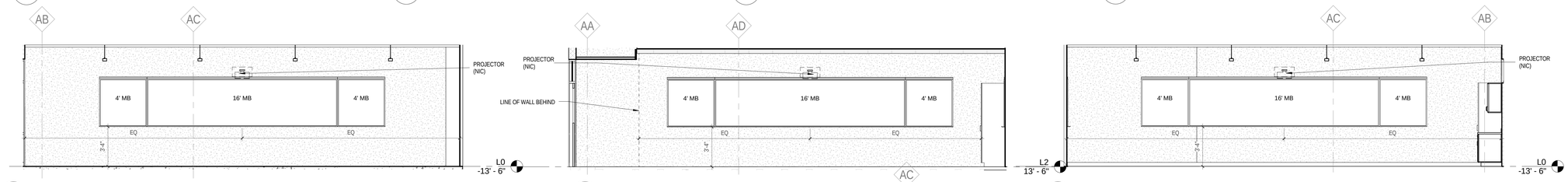


1 A 537 — CLASSRM 030 - NORTH
SCALE: 1/4" = 1'-0"

2 A 537 — CLASSRM 208 - NORTH
SCALE: 1/4" = 1'-0"

3 A 537 — CLASSRM 030 - SOUTH
SCALE: 1/4" = 1'-0"

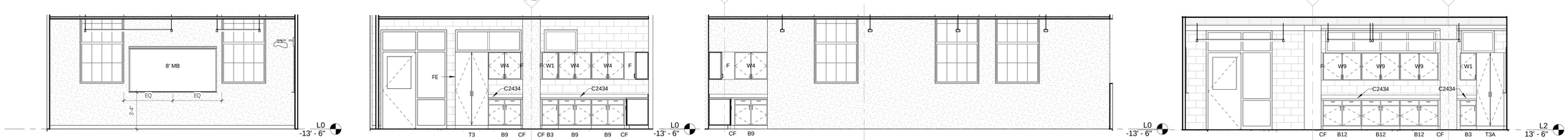
4 A 537 — CLASSRM 208 - SOUTH
SCALE: 1/4" = 1'-0"



5 A 537 — CLASSRM 030 - WEST
SCALE: 1/4" = 1'-0"

6 A 537 — CLASSRM 208 - EAST
SCALE: 1/4" = 1'-0"

7 A 537 — CLASSRM 013 - EAST
SCALE: 1/4" = 1'-0"

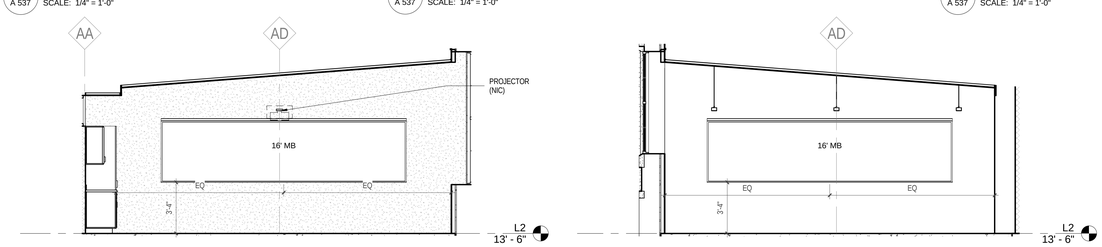


8 A 537 — CLASSRM 013 - NORTH
SCALE: 1/4" = 1'-0"

9 A 537 — CLASSRM 013 - SOUTH
SCALE: 1/4" = 1'-0"

10 A 537 — CLASSRM 013 - WEST
SCALE: 1/4" = 1'-0"

11 A 537 — CLASSRM 206 - NORTH
SCALE: 1/4" = 1'-0"



12 A 537 — CLASSRM 206 - EAST
SCALE: 1/4" = 1'-0"

13 A 537 — CLASSRM 206 - WEST
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

JRS ARCHITECTS
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BALTIMORE, MD 21244

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BALTIMORE, MD 21224

MEP ENGINEER
BRINJAC ENGINEERING
1800 N. CHARLES ST, SUITE 310
BALTIMORE, MD 21201

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NYIKOS ASSOCIATES
18219A FLOWER HILL WAY
GAITHERSBURG, MD 20879

AVIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

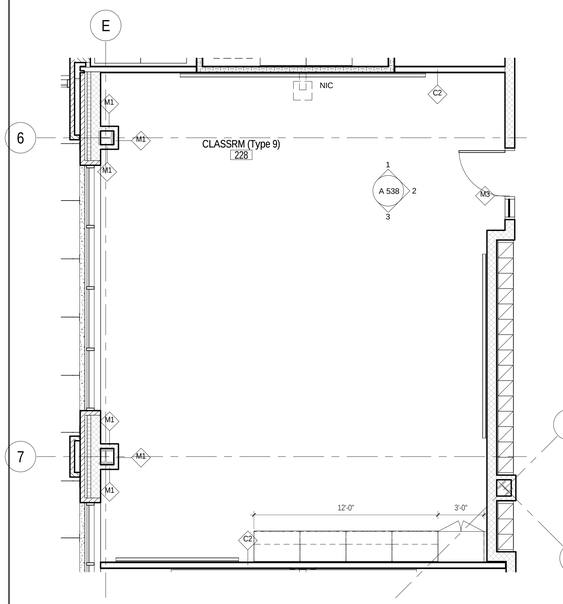
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"

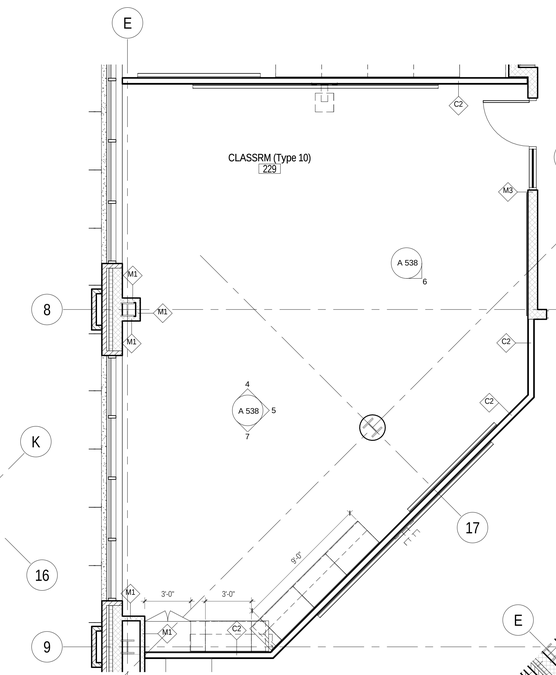
DRAWING NAME
PLAN / ELEV - CLASSRM TYPES 4, 5, 7, 8

A 537

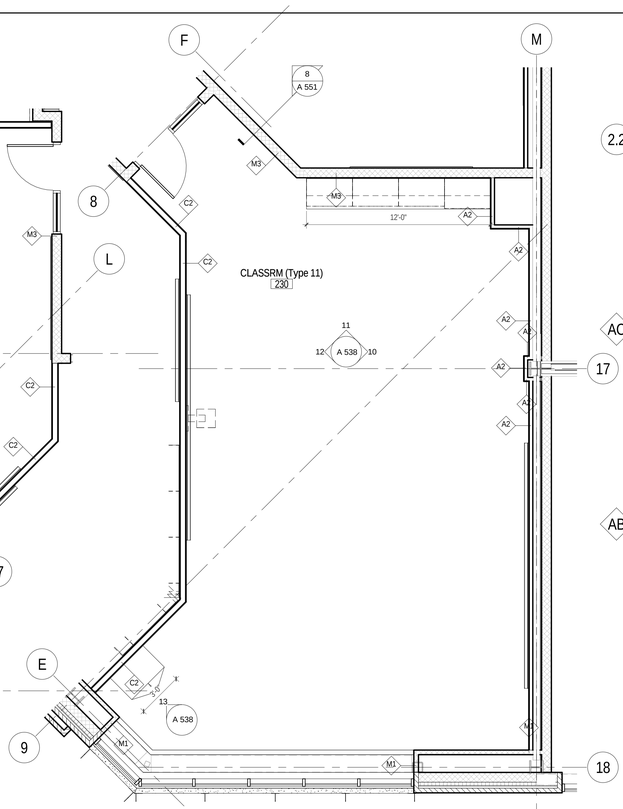
7/28/2016 4:41:50 PM



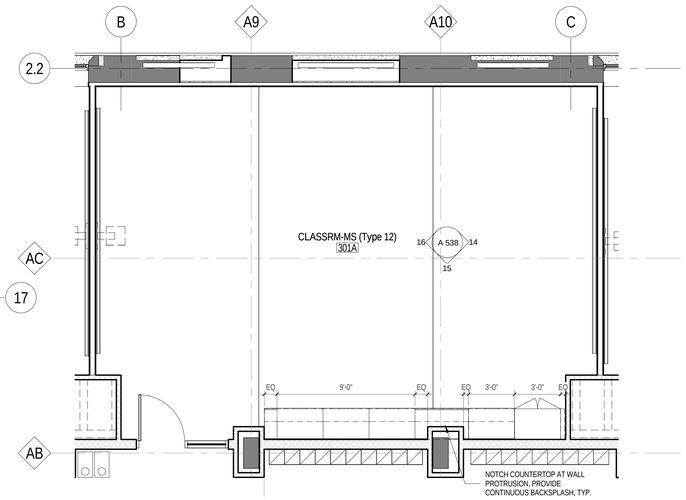
A A 538 — CLASSROOM TYPE 9 - 228
SCALE: 1/4" = 1'-0"



B A 538 — CLASSRM TYPE 10 - 229
SCALE: 1/4" = 1'-0"



8 A 538 — CLASSRM TYPE 11 - 230
SCALE: 1/4" = 1'-0"



9 A 538 — CLASSROOM TYPE 12 - 301A
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
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5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
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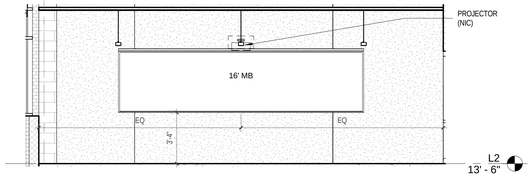
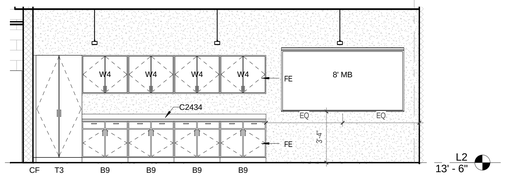
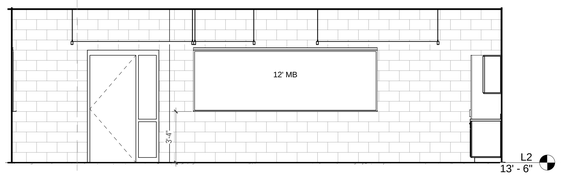
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE



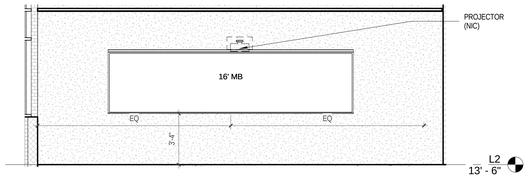
1 A 538 — CLASSROOM TYPE 9 - NORTH
SCALE: 1/4" = 1'-0"



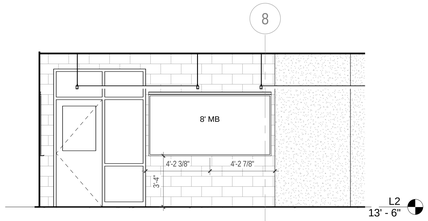
3 A 538 — CLASSROOM TYPE 9 - SOUTH
SCALE: 1/4" = 1'-0"



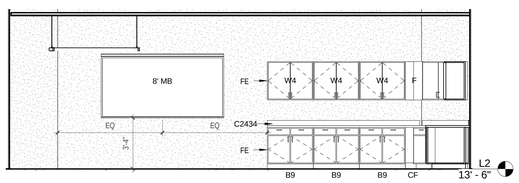
2 A 538 — CLASSROOM TYPE 9 - EAST
SCALE: 1/4" = 1'-0"



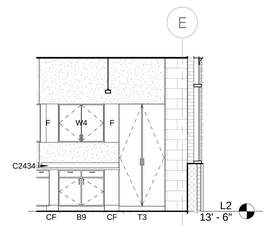
4 A 538 — CLASSRM 229 - NORTH
SCALE: 1/4" = 1'-0"



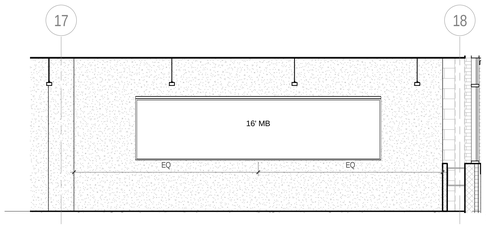
5 A 538 — CLASSRM 229 - EAST
SCALE: 1/4" = 1'-0"



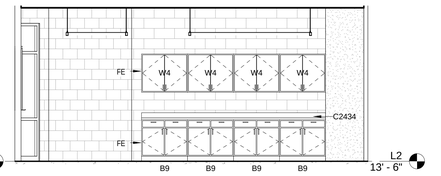
6 A 538 — CLASSRM 229 - SOUTHEAST
SCALE: 1/4" = 1'-0"



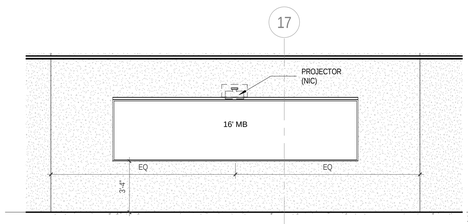
7 A 538 — CLASSRM 229 - SOUTH
SCALE: 1/4" = 1'-0"



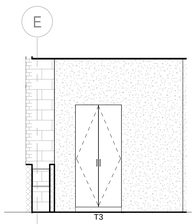
10 A 538 — CLASSRM 230 - EAST
SCALE: 1/4" = 1'-0"



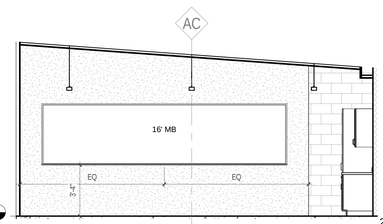
11 A 538 — CLASSRM 230 - NORTH
SCALE: 1/4" = 1'-0"



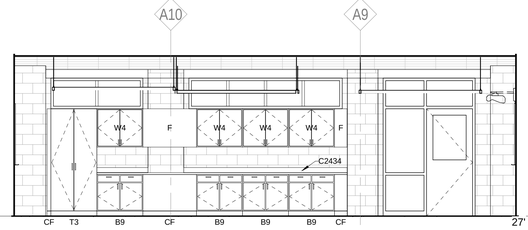
12 A 538 — CLASSRM 230 - WEST
SCALE: 1/4" = 1'-0"



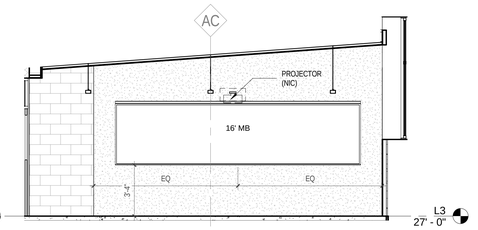
13 A 538 — CLASSRM 230 - WEST (PARTIAL)
SCALE: 1/4" = 1'-0"



14 A 538 — CLASSRM 301A - EAST
SCALE: 1/4" = 1'-0"



15 A 538 — CLASSRM 301A - SOUTH
SCALE: 1/4" = 1'-0"



16 A 538 — CLASSRM 301A - WEST
SCALE: 1/4" = 1'-0"

JRS ARCHITECTS
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ASSOCIATE ARCHITECT
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PHILADELPHIA, PA 19127

LANDSCAPE ARCHITECT
MAHAN RYKIEL ASSOCIATES
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BALTIMORE, MD 21211

CIVIL ENGINEER
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BALTIMORE, MD 21244

STRUCTURAL ENGINEER
ALBRECHT ENGINEERING
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BALTIMORE, MD 21224

MEP ENGINEER
BRUNJAC ENGINEERING
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NYIKOS ASSOCIATES
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GAITHERSBURG, MD 20879

AVIIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
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ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

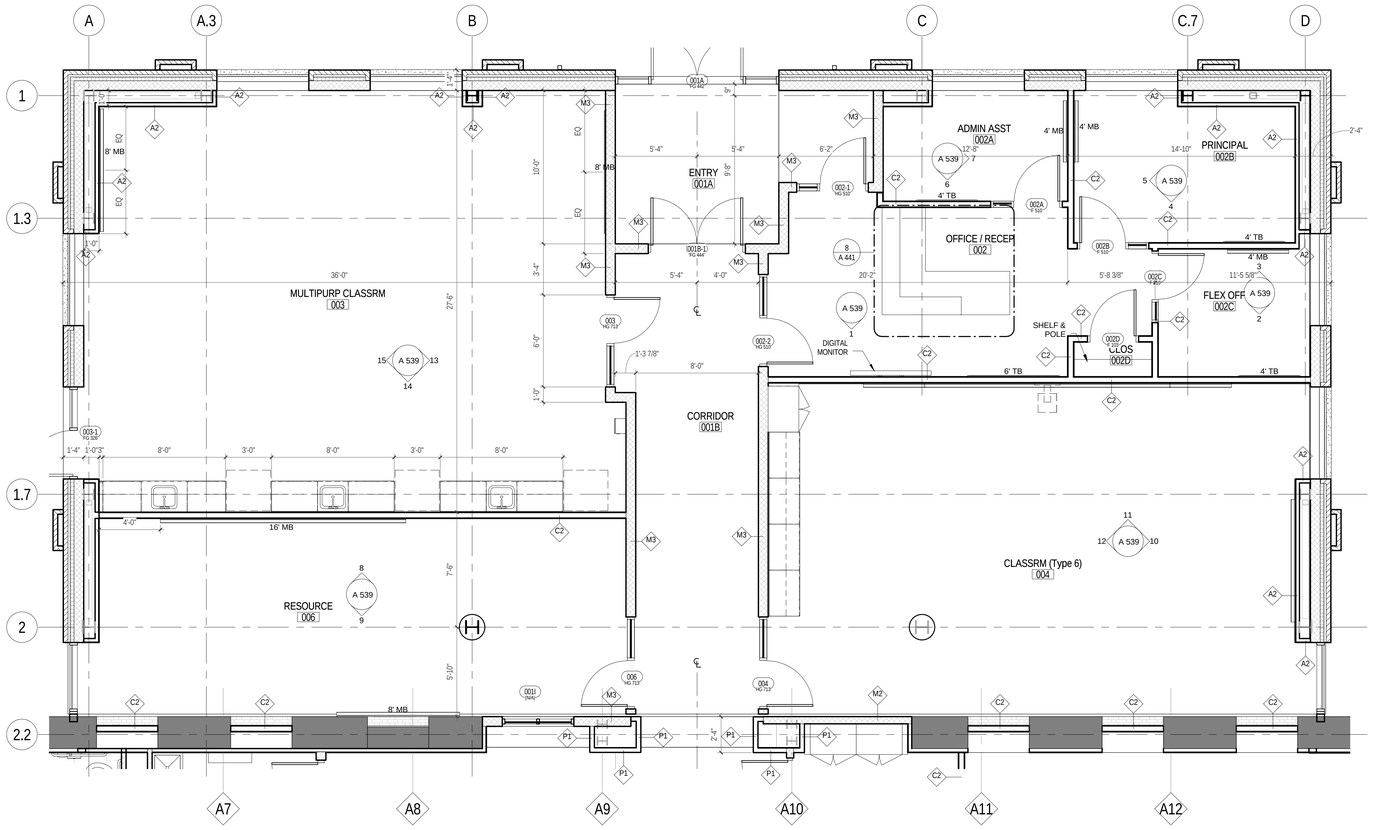
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

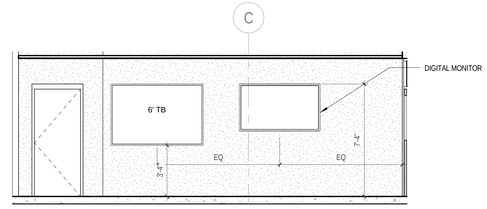
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"
DRAWING NAME
PLAN / ELEV - CLASSRM TYPES 9, 10. 11. 12

A 538

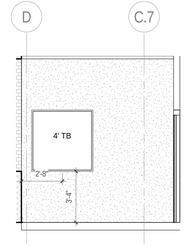
7/28/2016 4:42:24 PM



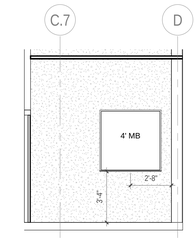
A L0B - NORTH ADDITION
A 539 SCALE: 1/4" = 1'-0"



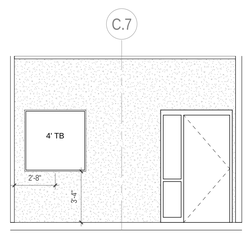
1 A 539 OFFICE 002 - SOUTH
SCALE: 1/4" = 1'-0"



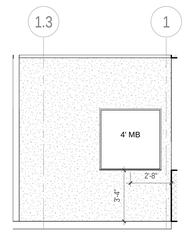
2 A 539 FLEX OFF 002C - SOUTH
SCALE: 1/4" = 1'-0"



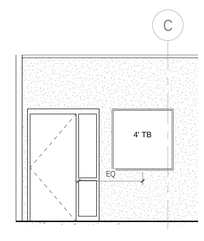
3 A 539 FLEX OFF 002C - NORTH
SCALE: 1/4" = 1'-0"



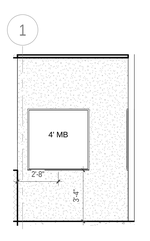
4 A 539 PRINCIPAL 002B - SOUTH
SCALE: 1/4" = 1'-0"



5 A 539 PRINCIPAL 002B - WEST
SCALE: 1/4" = 1'-0"

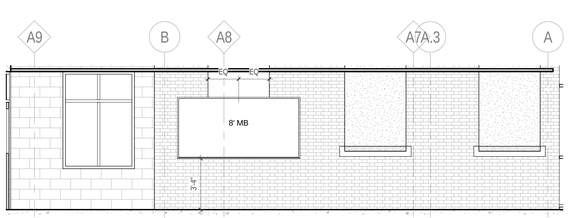


6 A 539 ADMIN ASST 002A - SOUTH
SCALE: 1/4" = 1'-0"

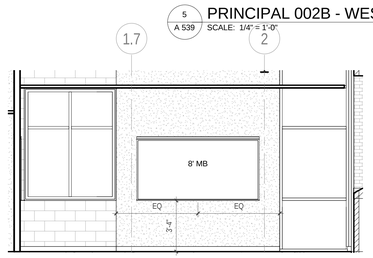


7 A 539 ADMIN ASST 002A - EAST
SCALE: 1/4" = 1'-0"

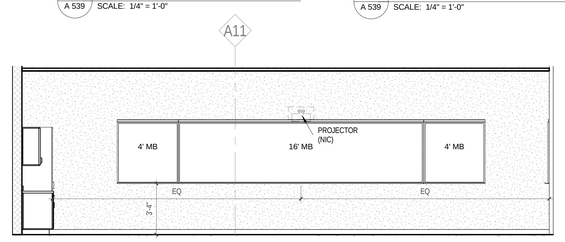
8 A 539 RESOURCE 006 - NORTH
SCALE: 1/4" = 1'-0"



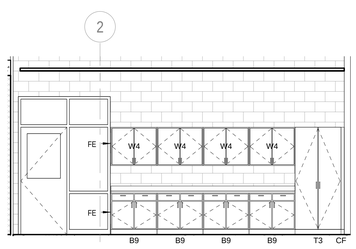
9 A 539 RESOURCE 006 - SOUTH
SCALE: 1/4" = 1'-0"



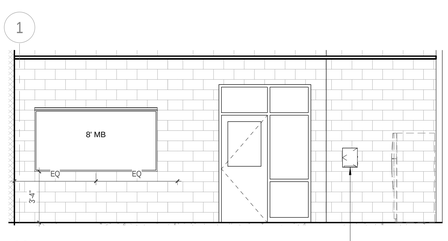
10 A 539 CLASSRM 004 - EAST
SCALE: 1/4" = 1'-0"



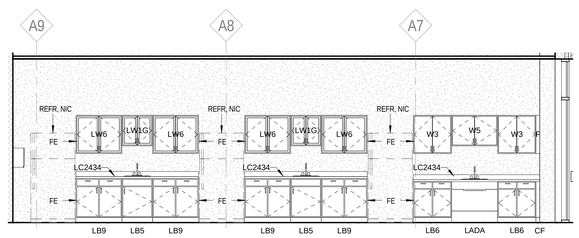
11 A 539 CLASSRM 004 - NORTH
SCALE: 1/4" = 1'-0"



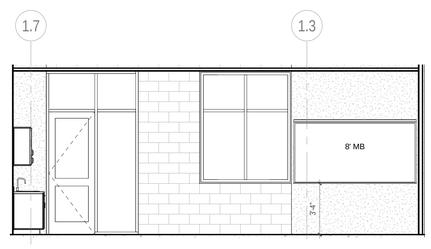
12 A 539 CLASSRM 004 - WEST
SCALE: 1/4" = 1'-0"



13 A 539 TEACHING KITCHEN - EAST
SCALE: 1/4" = 1'-0"



14 A 539 TEACHING KITCHEN - SOUTH
SCALE: 1/4" = 1'-0"



15 A 539 TEACHING KITCHEN - WEST
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

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7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

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Baltimore City Public Schools
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/2017

No.	DATE	DESCRIPTION

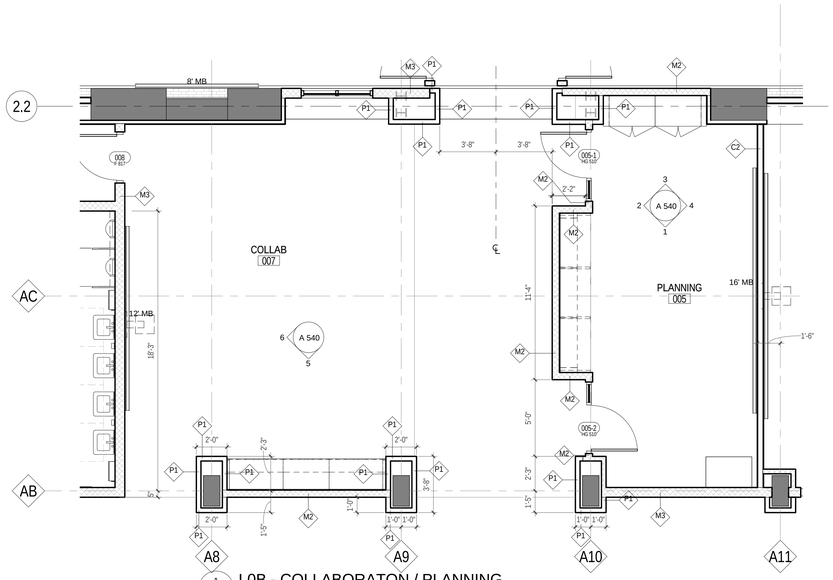
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"

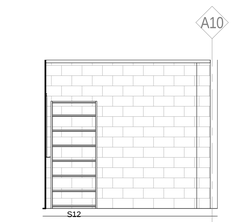
DRAWING NAME
PLAN / ELEV - LVL 0 - BLDG B NORTH ADDITION

A 539

7/28/2016 4:42:52 PM



A A 540 L0B - COLLABORATON / PLANNING
SCALE: 1/4" = 1'-0"



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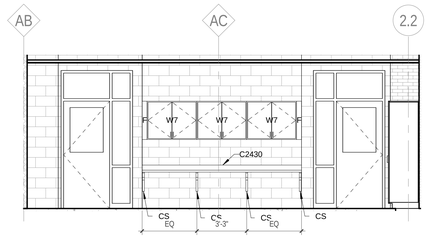
SCALE: 1/4" = 1'-0"



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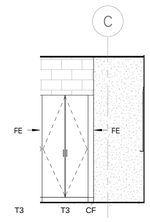
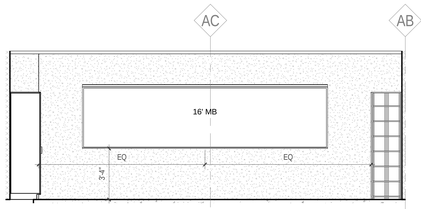
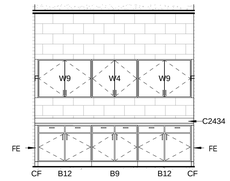


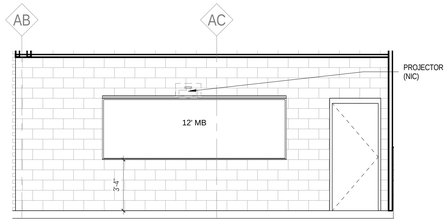
3 A 540 PLANNING 005 - NORTH
SCALE: 1/4" = 1'-0"



4 A 540 PLANNING 005 - EAST
SCALE: 1/4" = 1'-0"



5 A 540 COLLAB 007 - SOUTH
SCALE: 1/4" = 1'-0"



6 A 540 COLLAB 007 - WEST
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

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LICENSE NO.: 8002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

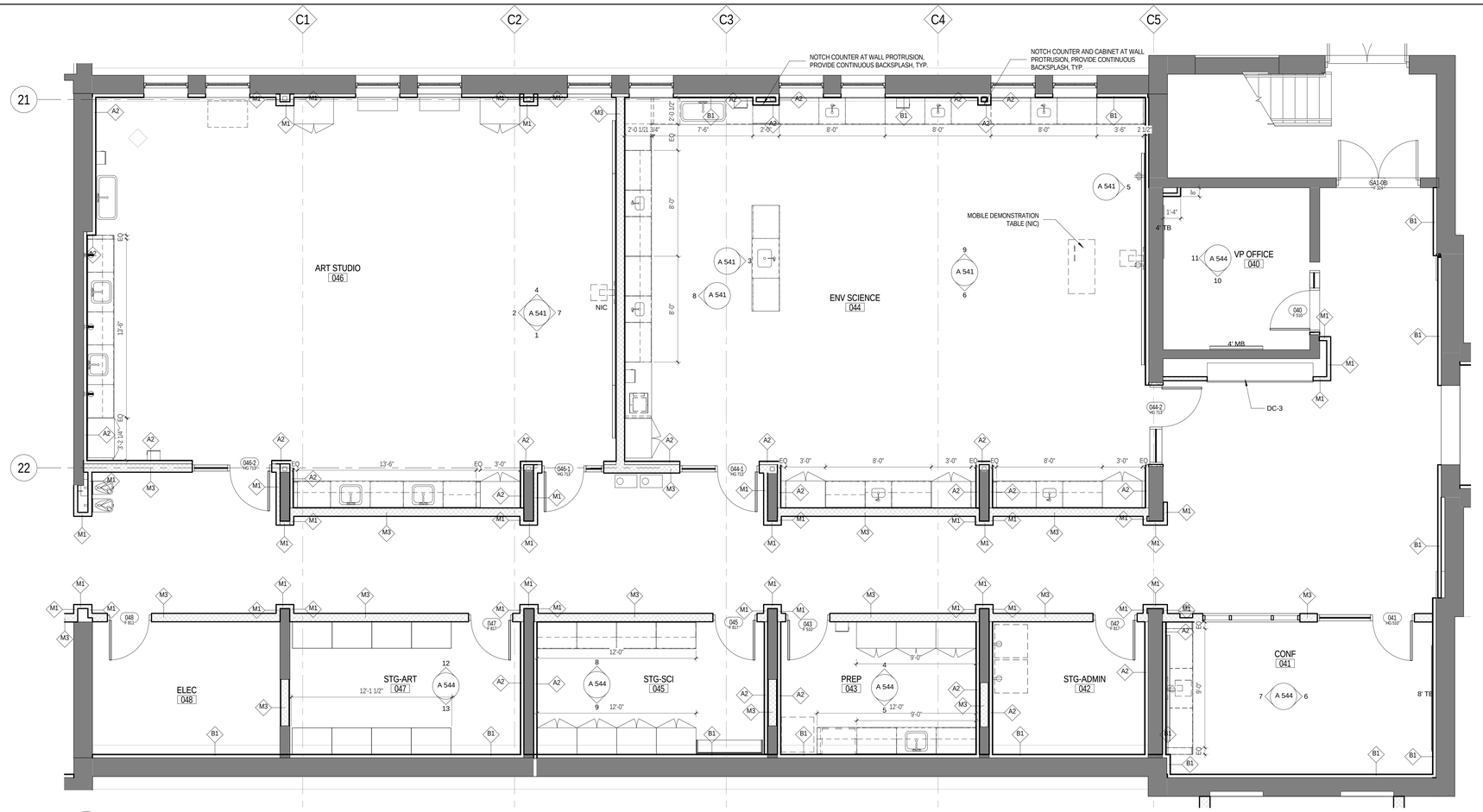
SCALE: 1/4" = 1'-0"

DRAWING NAME

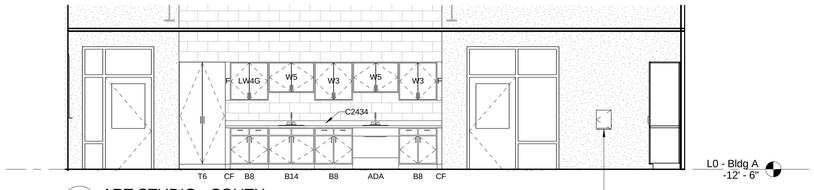
PLAN / ELEV - L0 BLDG B NORTH ADDITION

A 540

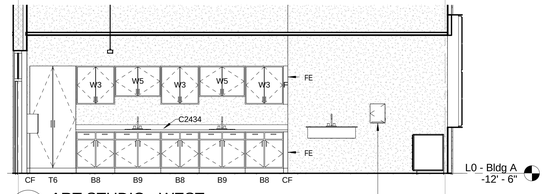
7/28/2016 4:43:09 PM



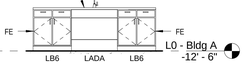
A541 — L0A - WEST WING
SCALE: 1/4" = 1'-0"



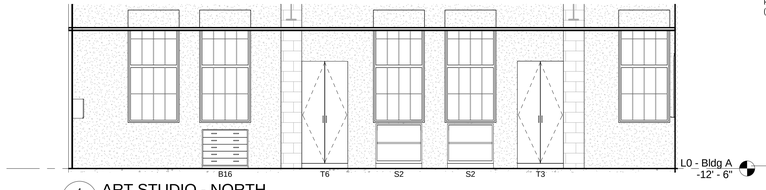
1 A541 — ART STUDIO - SOUTH
SCALE: 1/4" = 1'-0"



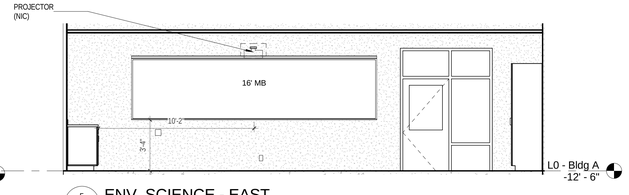
2 A541 — ART STUDIO - WEST
SCALE: 1/4" = 1'-0"



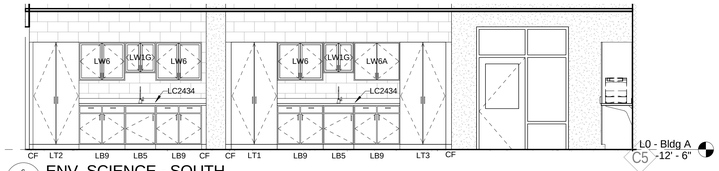
3 A541 — ENV. SCIENCE - WEST (PARTIAL)
SCALE: 1/4" = 1'-0"



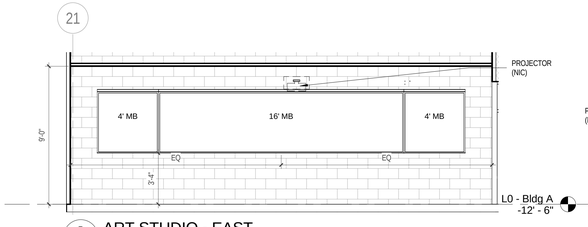
4 A541 — ART STUDIO - NORTH
SCALE: 1/4" = 1'-0"



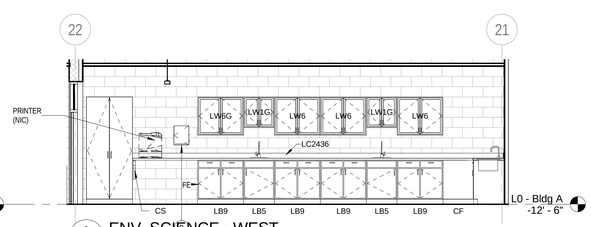
5 A541 — ENV. SCIENCE - EAST
SCALE: 1/4" = 1'-0"



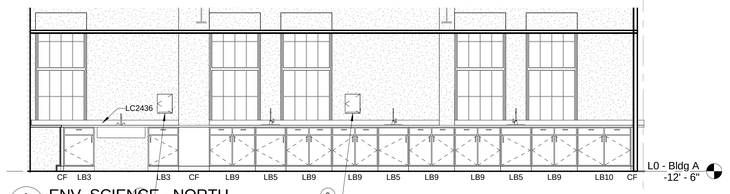
6 A541 — ENV. SCIENCE - SOUTH
SCALE: 1/4" = 1'-0"



7 A541 — ART STUDIO - EAST
SCALE: 1/4" = 1'-0"



8 A541 — ENV. SCIENCE - WEST
SCALE: 1/4" = 1'-0"



9 A541 — ENV. SCIENCE - NORTH
SCALE: 1/4" = 1'-0"

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LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

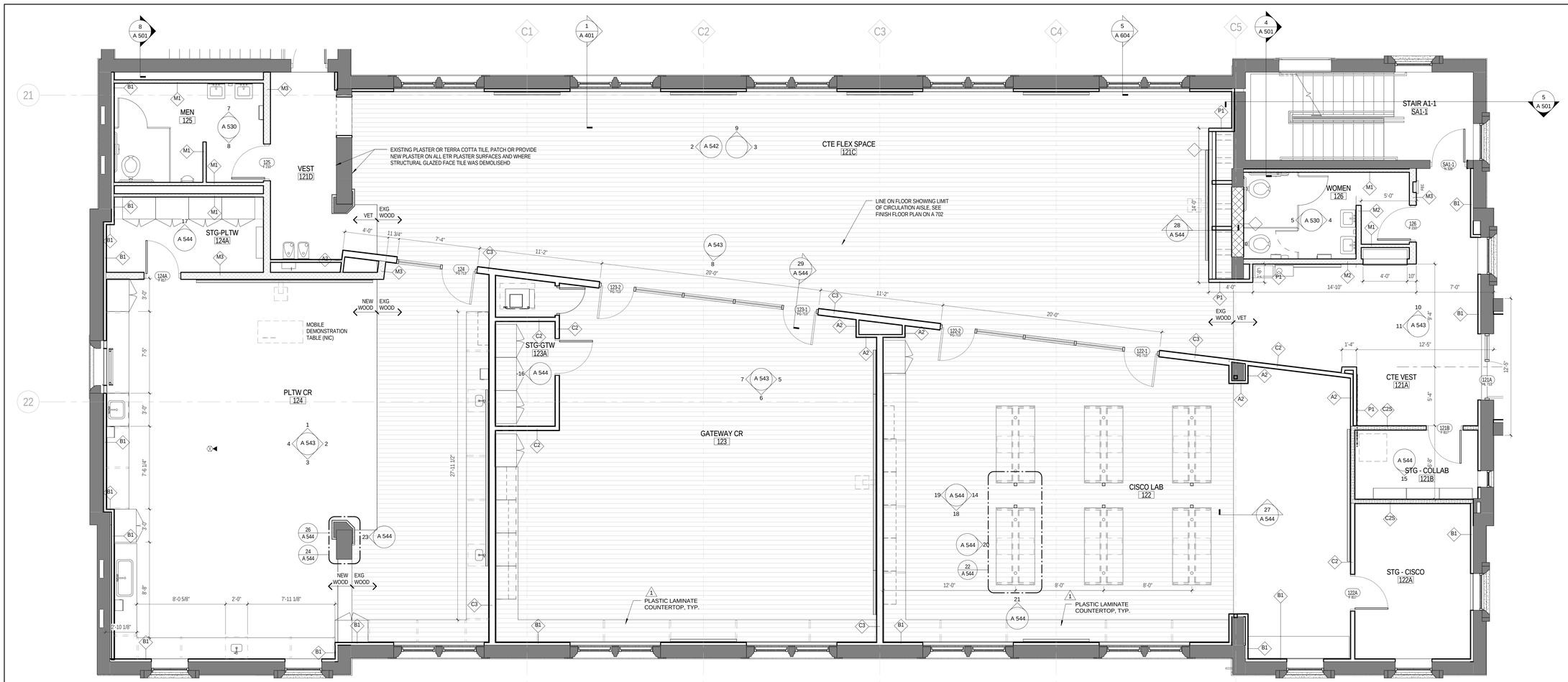
SCALE: 1/4" = 1'-0"

DRAWING NAME

PLAN / ELEV - L0 - BLDG A

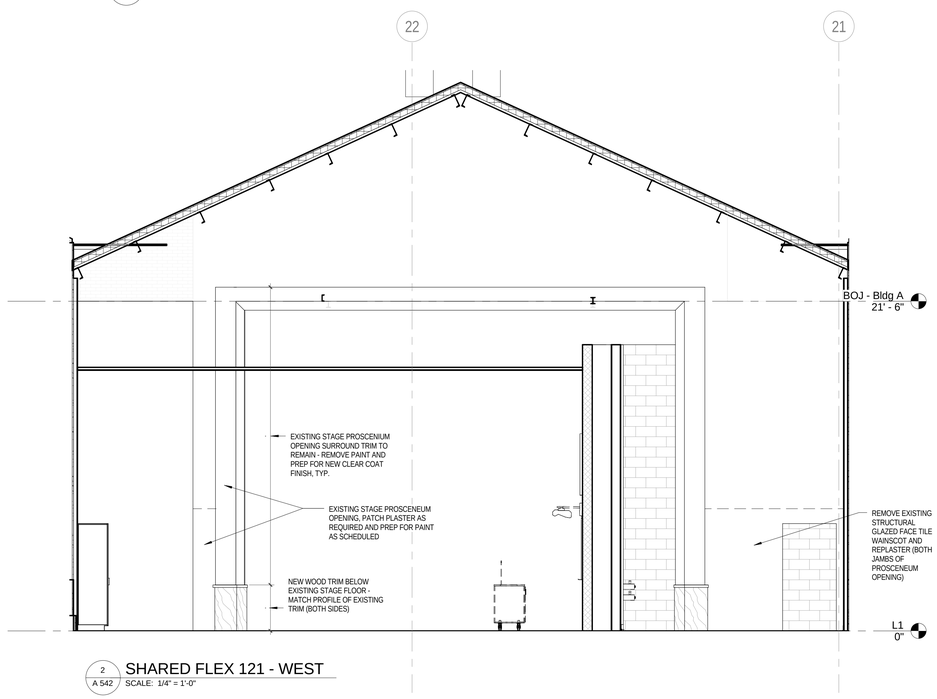
A 541

7/29/2016 4:43:30 PM



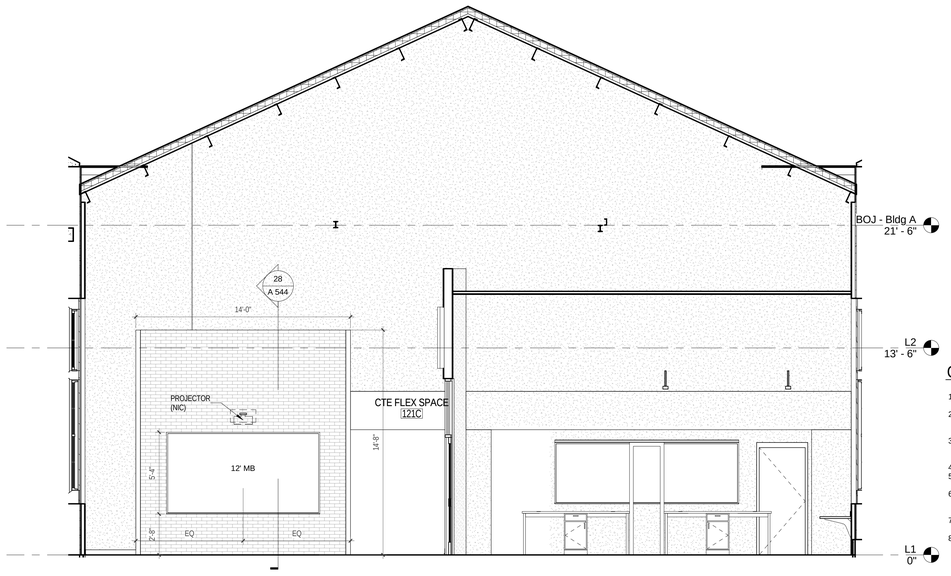
1 A 542 L1 - CAREER TECHNOLOGY EDUCATION

SCALE: 1/4" = 1'-0"



2 A 542 SHARED FLEX 121 - WEST

SCALE: 1/4" = 1'-0"



3 A 542 SHARED FLEX 121 - EAST

SCALE: 1/4" = 1'-0"

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

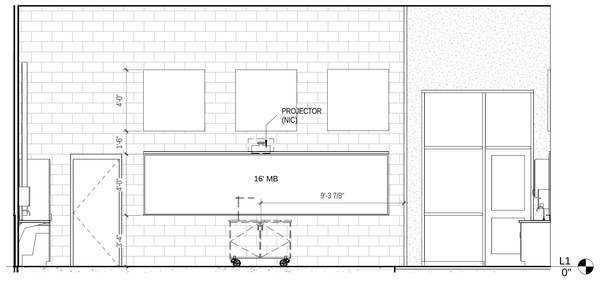
SCALE: 1/4" = 1'-0"

DRAWING NAME

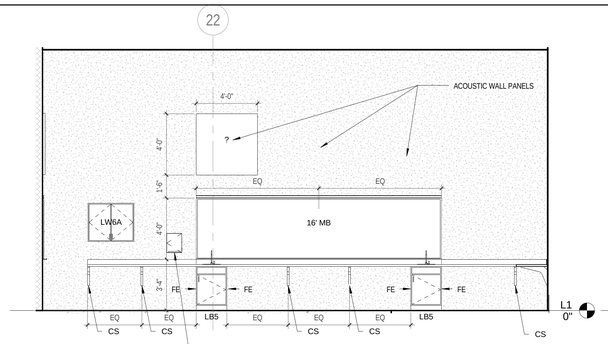
PLAN / ELEV - L1A - CTE AREA

A 542

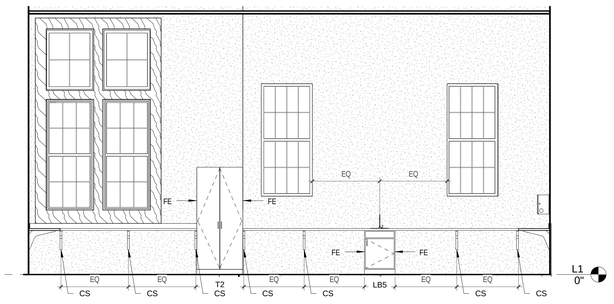
7/28/2016 4:43:52 PM



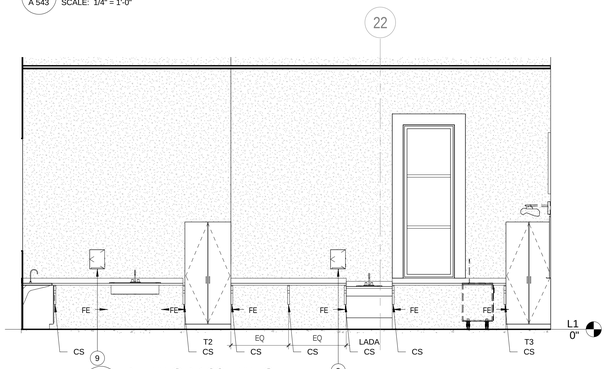
1 / A 543 PLTW CR 123 - NORTH
SCALE: 1/4" = 1'-0"



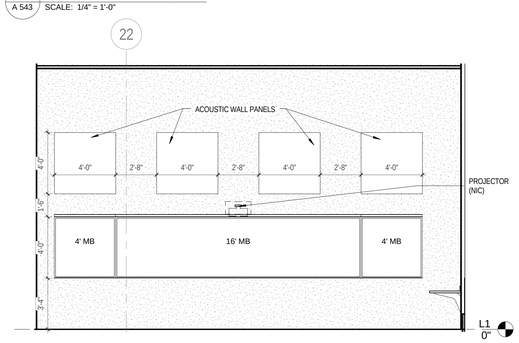
2 / A 543 PLTW CR 123 - EAST
SCALE: 1/4" = 1'-0"



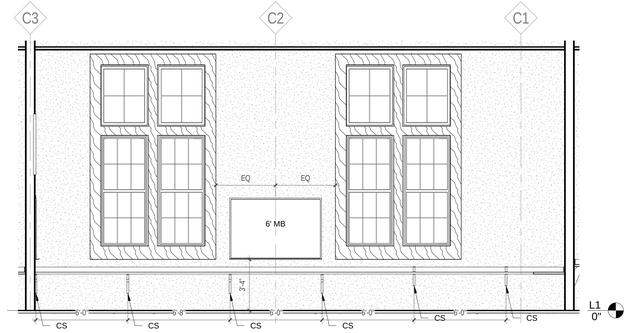
3 / A 543 PLTW CR 123 - SOUTH
SCALE: 1/4" = 1'-0"



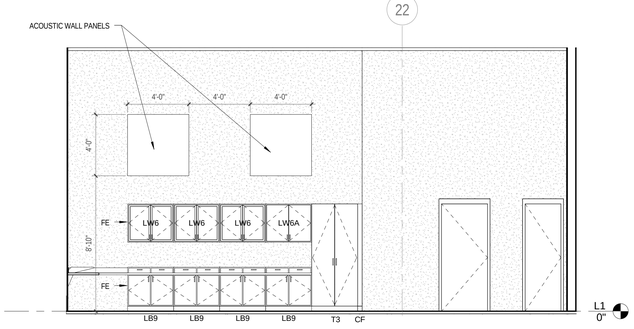
4 / A 543 PLTW CR 123 - WEST
SCALE: 1/4" = 1'-0"



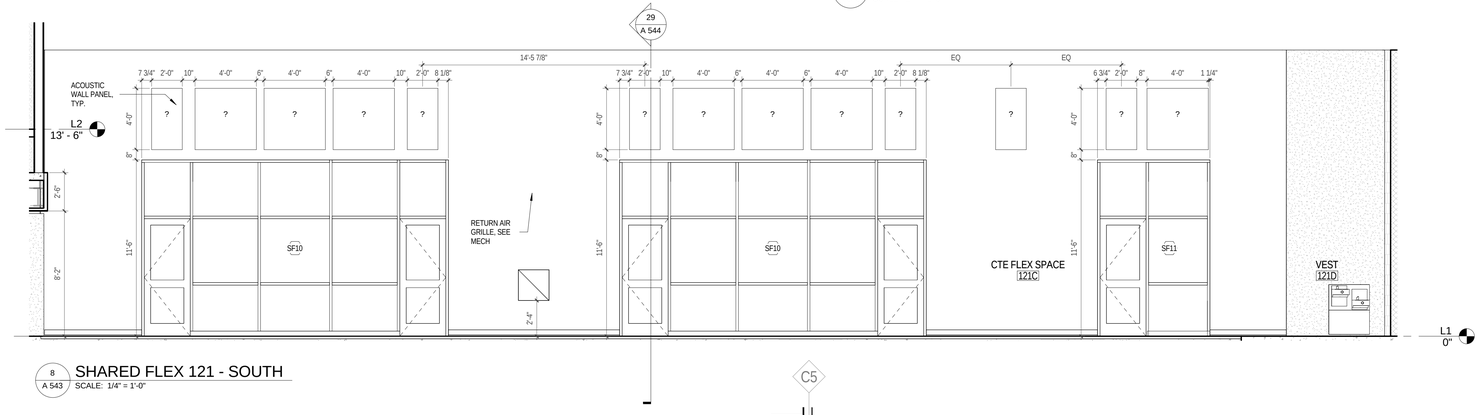
5 / A 543 GATEWAY CR - EAST
SCALE: 1/4" = 1'-0"



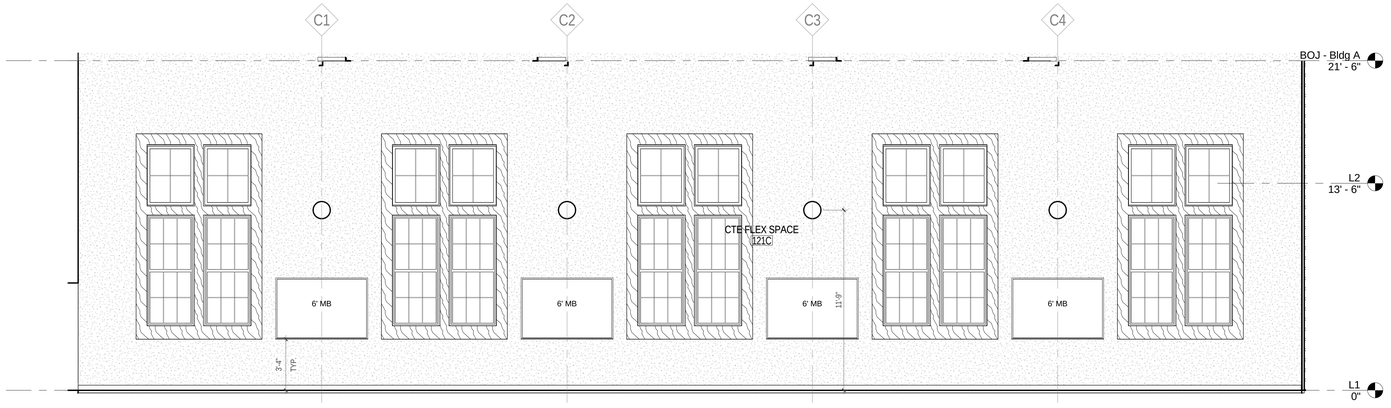
6 / A 543 GATEWAY CR - SOUTH
SCALE: 1/4" = 1'-0"



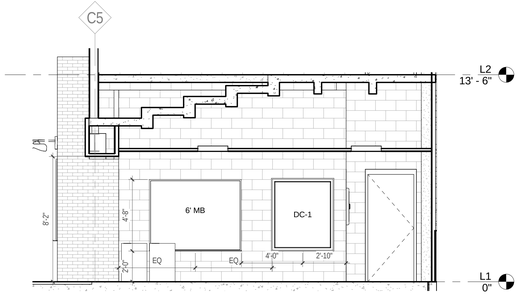
7 / A 543 GATEWAY CR - WEST
SCALE: 1/4" = 1'-0"



8 / A 543 SHARED FLEX 121 - SOUTH
SCALE: 1/4" = 1'-0"



9 / A 543 SHARED FLEX 121 - NORTH
SCALE: 1/4" = 1'-0"



10 / A 543 CTE VEST 121A - NORTH
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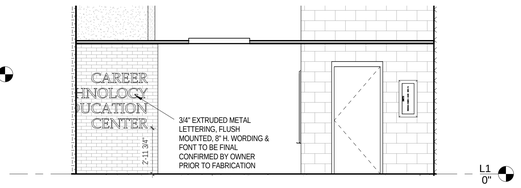

11 / A 543 CTE VEST 121A - WEST
SCALE: 1/4" = 1'-0"

JRS ARCHITECTS

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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

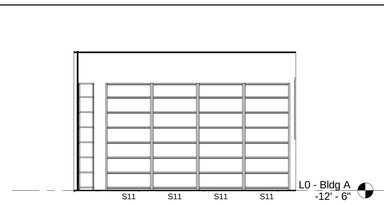
SCALE: 1/4" = 1'-0"

DRAWING NAME

PLAN / ELEV - L1A - CTE AREA

A 543

7/28/2016 4:44:33 PM



1 A 544 STOR 049 - NORTH
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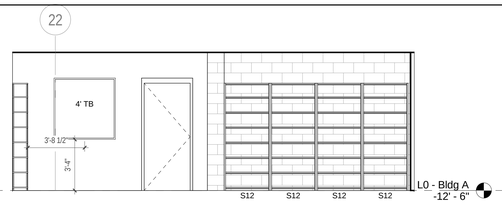

2 A 544 STOR 049 - EAST
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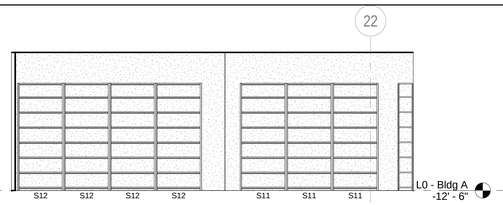
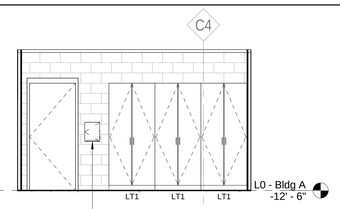
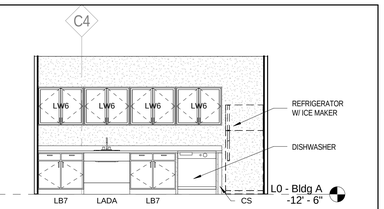


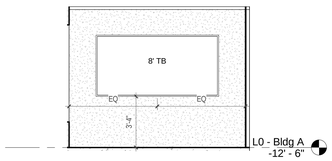
3 A 544 STOR 049 - WEST
SCALE: 1/4" = 1'-0"



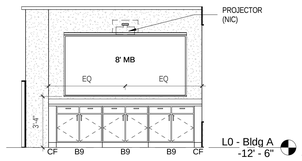
4 A 544 PREP 043 - NORTH
SCALE: 1/4" = 1'-0"



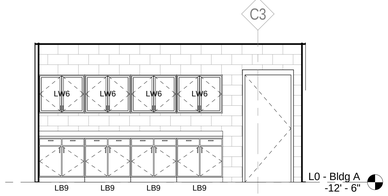
5 A 544 PREP 043 - SOUTH
SCALE: 1/4" = 1'-0"



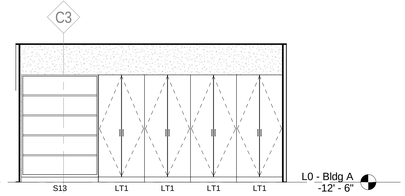
6 A 544 CONF 041 - EAST
SCALE: 1/4" = 1'-0"



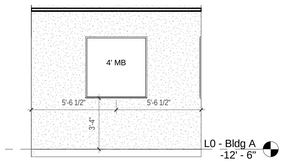
7 A 544 CONF 041 - WEST
SCALE: 1/4" = 1'-0"



8 A 544 STOR 045 - NORTH
SCALE: 1/4" = 1'-0"



9 A 544 STOR 045 - SOUTH
SCALE: 1/4" = 1'-0"



10 A 544 VP OFFICE 040 - SOUTH
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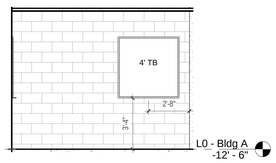

11 A 544 VP OFFICE 040 - WEST
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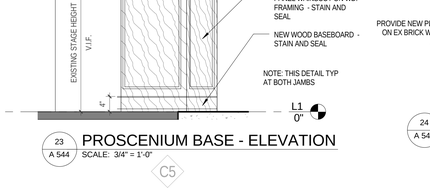
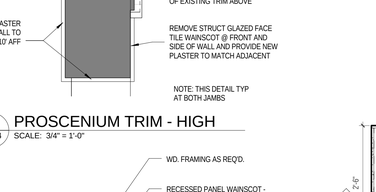
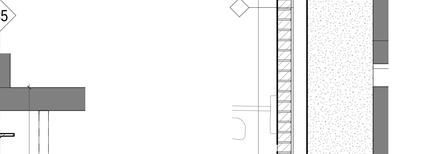


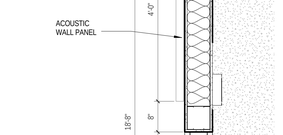
12 A 544 COLLAB. STOR. 047 - NORTH
SCALE: 1/4" = 1'-0"



13 A 544 COLLAB STOR 047 - SOUTH
SCALE: 1/4" = 1'-0"



14 A 544 CISCO LAB 122 - EAST
SCALE: 1/4" = 1'-0"



15 A 544 STG COLLAB 121B - SOUTH
SCALE: 1/4" = 1'-0"

16 A 544 STG-GTW 123A WEST
SCALE: 1/4" = 1'-0"

17 A 544 STG-PLTW 124A - NORTH
SCALE: 1/4" = 1'-0"

18 A 544 CISCO LAB 122 - SOUTH
SCALE: 1/4" = 1'-0"

19 A 544 CISCO LAB 122 - WEST
SCALE: 1/4" = 1'-0"

20 A 544 CISCO WORKSTATION - FRONT
SCALE: 1/4" = 1'-0"

21 A 544 CISCO WORKSTATION - SIDE
SCALE: 1/4" = 1'-0"

22 A 544 TYP CISCO WORKSTATION
SCALE: 1/2" = 1'-0"

23 A 544 PROSCENIUM BASE - ELEVATION
SCALE: 3/4" = 1'-0"

24 A 544 PROSCENIUM TRIM - HIGH
SCALE: 3/4" = 1'-0"

27 A 544 CISCO LAB - SOFFIT AT LOW CLNG
SCALE: 3/4" = 1'-0"

28 A 544 CTE DISPLAY WALL
SCALE: 3/4" = 1'-0"

29 A 544 CTE WALL AT CLASSROOMS
SCALE: 3/4" = 1'-0"

25 A 544 COLUMN WRAP @ CISCO LAB
SCALE: 3/4" = 1'-0"

26 A 544 PROSCENIUM TRIM - LOW
SCALE: 3/4" = 1'-0"

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LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

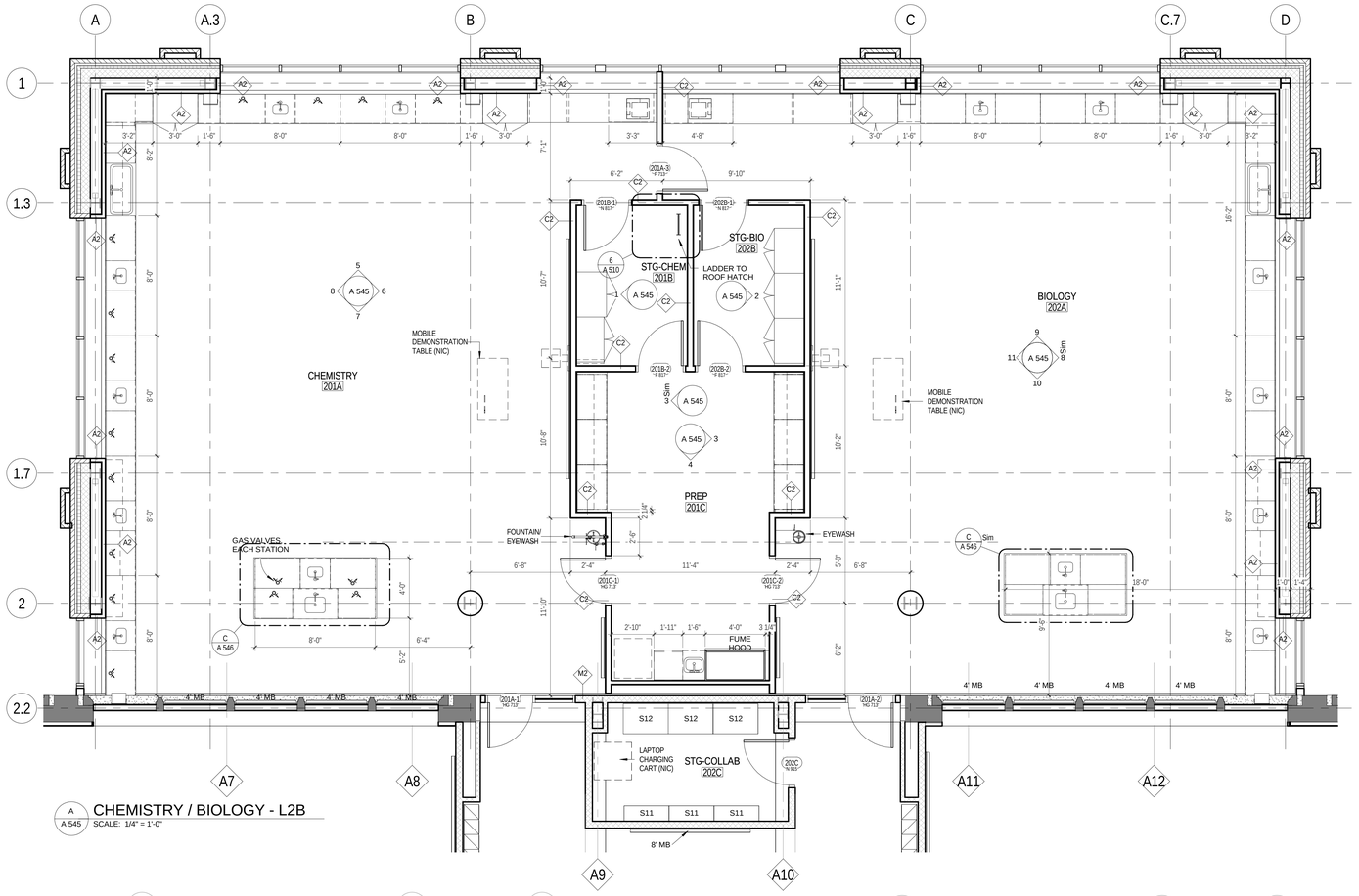
SCALE: As indicated

DRAWING NAME

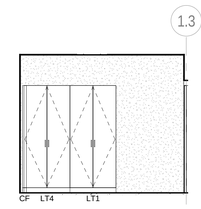
PLAN / ELEV / DETL - BLDG A

A 544

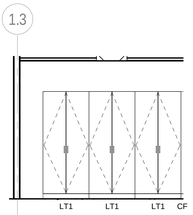
7/28/2016 4:45:13 PM



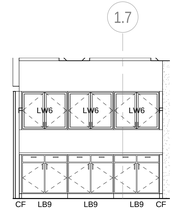
A A 545 CHEMISTRY / BIOLOGY - L2B
SCALE: 1/4" = 1'-0"



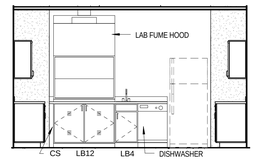
1 A 545 STG-CHEM 201B - WEST
SCALE: 1/4" = 1'-0"



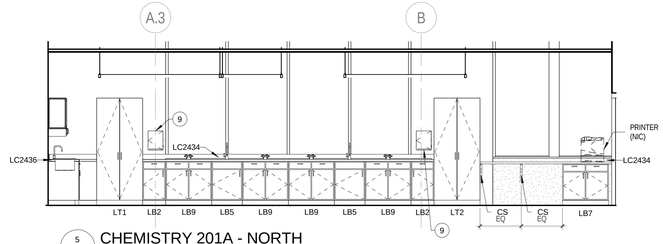
2 A 545 STG-BIO 202B - EAST
SCALE: 1/4" = 1'-0"



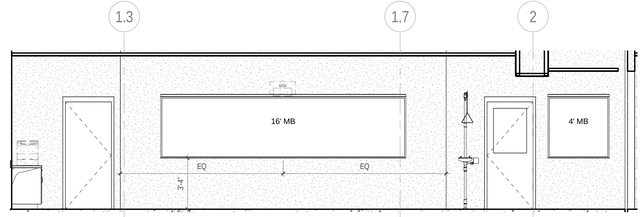
3 A 545 PREP 201C - EAST & WEST
SCALE: 1/4" = 1'-0"



4 A 545 PREP 201C - SOUTH
SCALE: 1/4" = 1'-0"



5 A 545 CHEMISTRY 201A - NORTH
SCALE: 1/4" = 1'-0"



6 A 545 CHEMISTRY 201A - EAST
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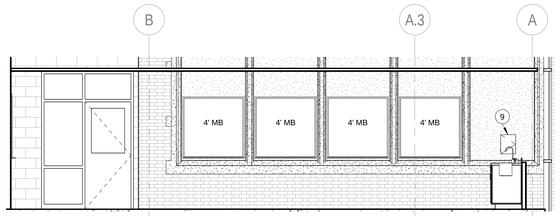

7 A 545 CHEMISTRY 201A - SOUTH
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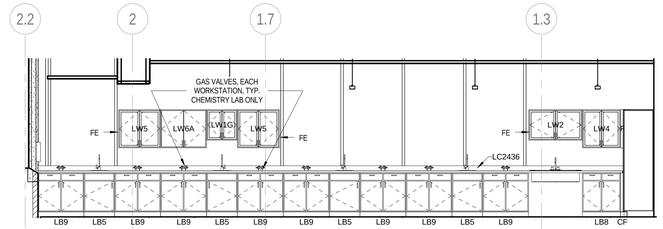

8 A 545 CHEMISTRY 201A - WEST
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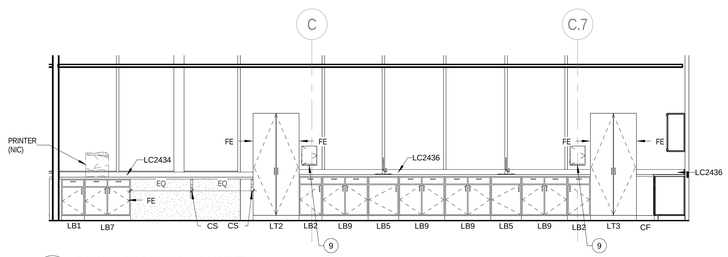
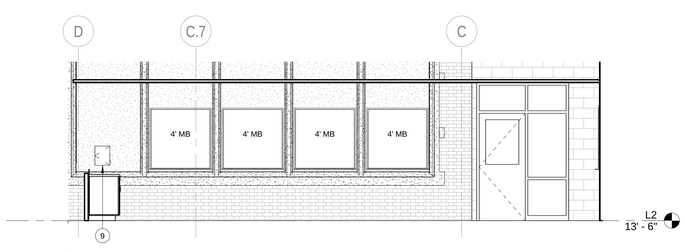
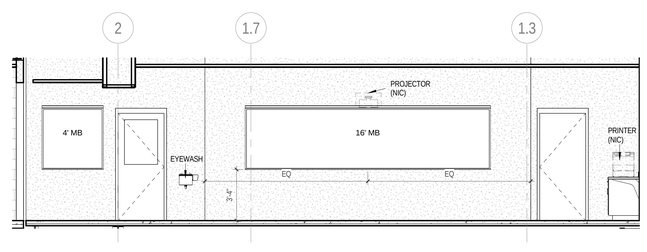


9 A 545 BIOLOGY 202A - NORTH
SCALE: 1/4" = 1'-0"



10 A 545 BIOLOGY 202A - SOUTH
SCALE: 1/4" = 1'-0"



11 A 545 BIOLOGY 202A - WEST
SCALE: 1/4" = 1'-0"

TOILET ACCESSORY LEGEND	
1	HANDICAP GRAB BAR
2	HANDICAP SHOWER GRAB BAR
3	SURFACE MOUNTED MIRROR
4	SURFACE MOUNTED FULL LENGTH MIRROR
5	HEAVY DUTY SHOWER CURTAIN ROD, HOOKS, AND CURTAIN
6	SURFACE MOUNTED SOAP DISPENSER
7	SURFACE MOUNTED TOILET TISSUE DISPENSER
8	SEMI-RECESSED PAPER TOWEL DISPENSER & WASTE RECEPTACLE
9	SURFACE MOUNTED ROLL TOWEL DISPENSER
10	CLOTHES HOOK
11	ADA FOLDING SHOWER SEAT
12	SHELF WITH MOP HOLDER
13	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL
14	TOILET PARTITION
15	LOCKER ROOM BENCH 9.5" W. SEE PLAN DIM. FOR LENGTH
17	ACCESSSIBLE LOCKER ROOM BENCH

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS.
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

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LICENSE NO.: 8002
EXPIRATION DATE: 6/30/017

No.	DATE	DESCRIPTION

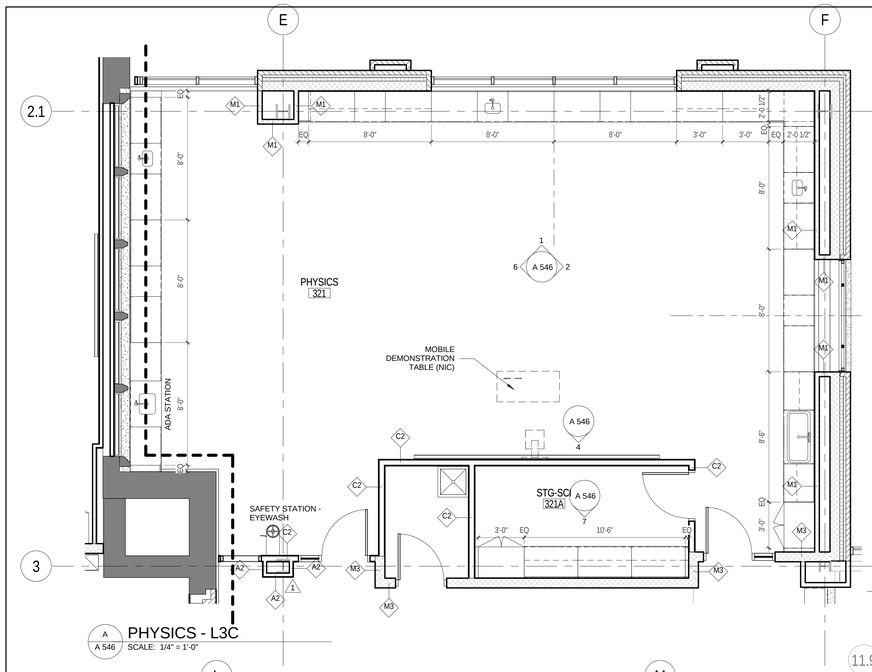
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"

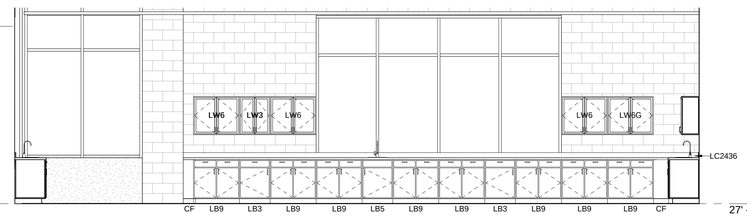
DRAWING NAME
PLAN / ELEV - L2B - CHEMISTRY, BIOLOGY

A 545

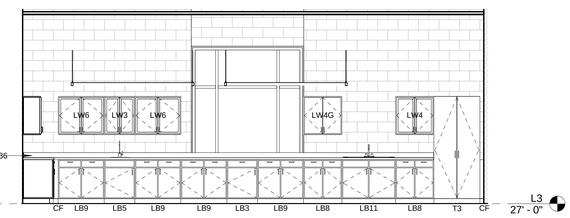
7/28/2016 4:45:39 PM



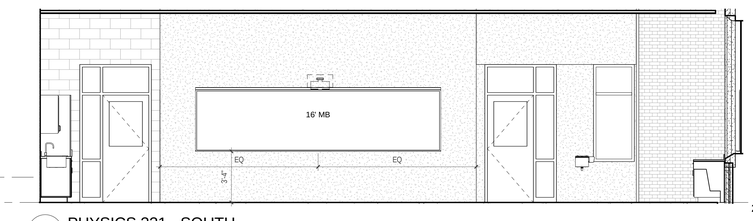
A A 546 PHYSICS - L3C
SCALE: 1/4" = 1'-0"



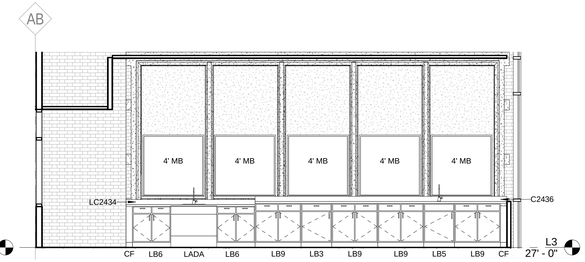
1 A 546 PHYSICS 331 - NORTH
SCALE: 1/4" = 1'-0"



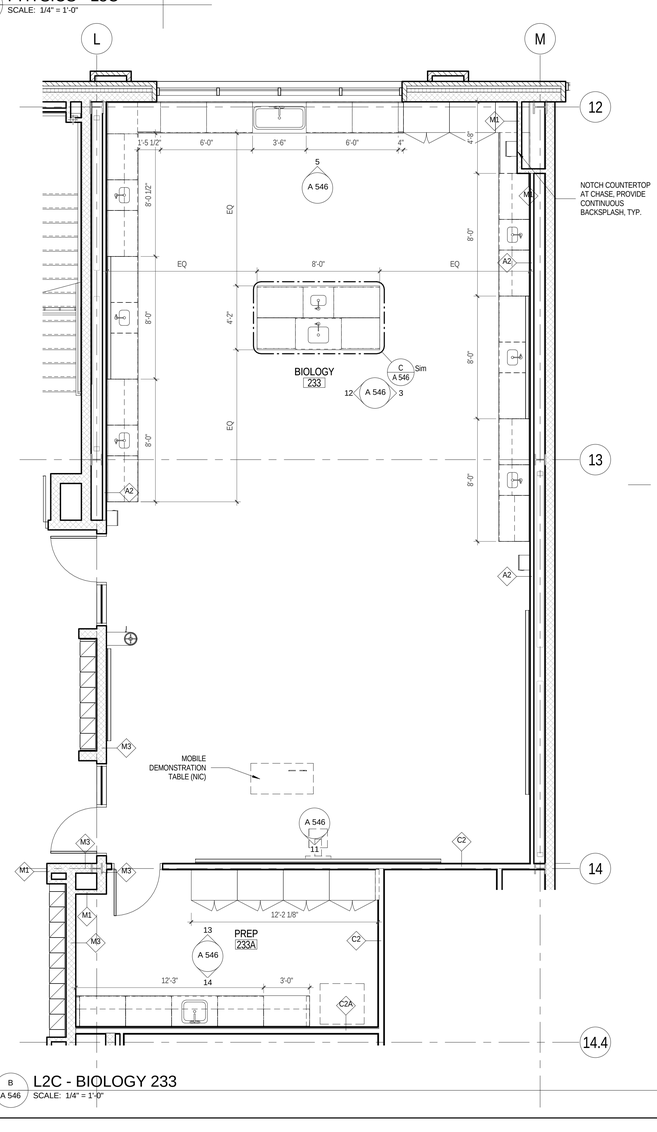
2 A 546 PHYSICS 331 - EAST
SCALE: 1/4" = 1'-0"



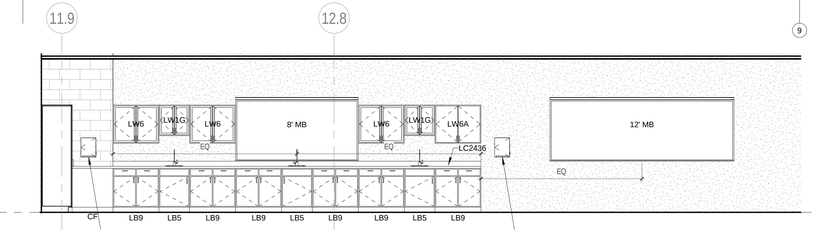
4 A 546 PHYSICS 331 - SOUTH
SCALE: 1/4" = 1'-0"



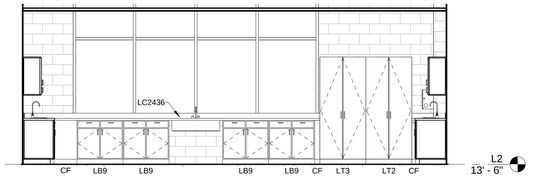
6 A 546 PHYSICS 331 - WEST
SCALE: 1/4" = 1'-0"



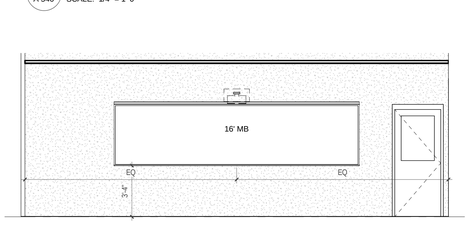
B A 546 L2C - BIOLOGY 233
SCALE: 1/4" = 1'-0"



3 A 546 BIOLOGY 233 - EAST
SCALE: 1/4" = 1'-0"



5 A 546 BIOLOGY 233 - NORTH
SCALE: 1/4" = 1'-0"



11 A 546 BIOLOGY 233 - SOUTH
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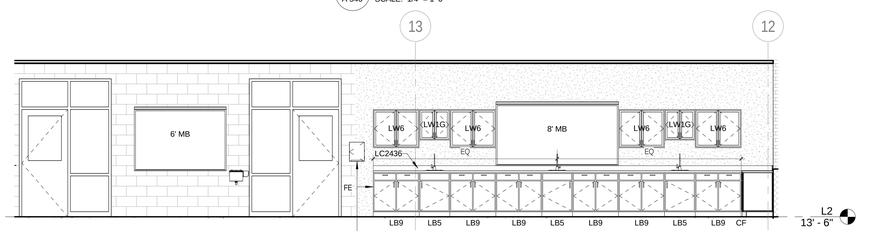

12 A 546 BIOLOGY 233 - WEST
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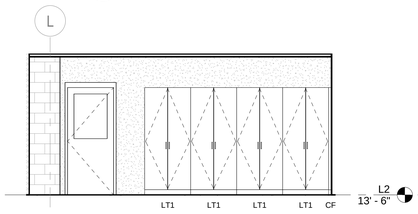

13 A 546 PREP 233A - NORTH
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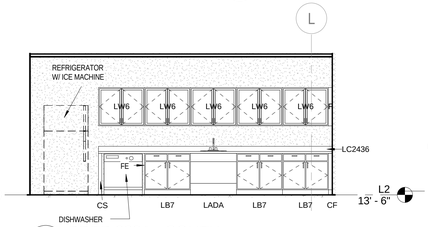

14 A 546 PREP 233A - SOUTH
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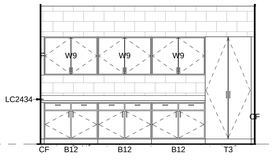
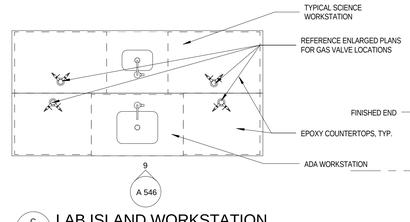


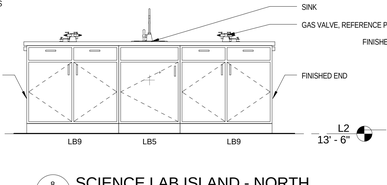
7 A 546 STORAGE 321A - SOUTH
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

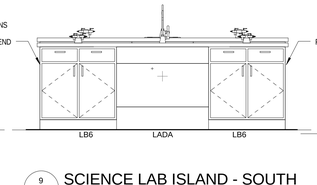
1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP. UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE



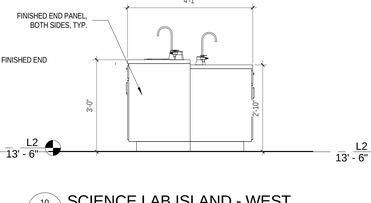
C A 546 LAB ISLAND WORKSTATION
SCALE: 1/2" = 1'-0"



8 A 546 SCIENCE LAB ISLAND - NORTH
SCALE: 1/2" = 1'-0"



9 A 546 SCIENCE LAB ISLAND - SOUTH
SCALE: 1/2" = 1'-0"



10 A 546 SCIENCE LAB ISLAND - WEST
SCALE: 1/2" = 1'-0"

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EDUCATIONAL SYSTEMS PLANNING
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ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

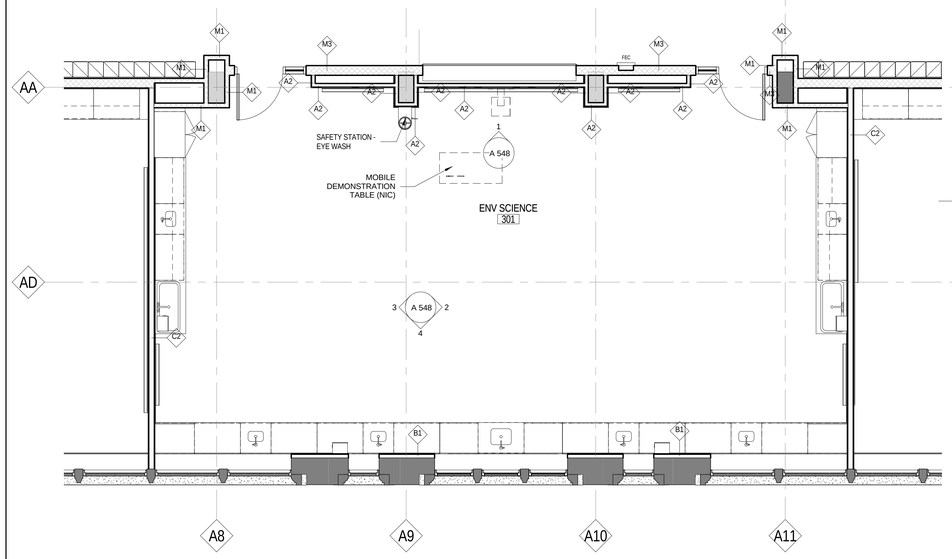
SCALE: As indicated

DRAWING NAME

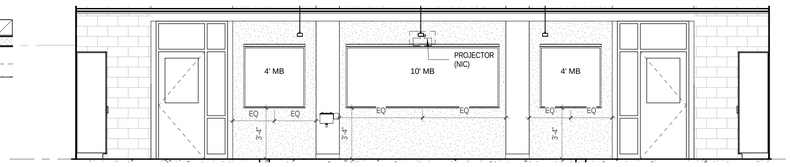
PLAN / ELEV - PHYSICS, BIOLOGY

A 546

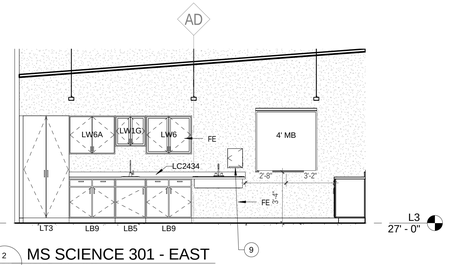
7/29/2016 4:46:07 PM



A ENV SCIENCE - L3B
A 548 SCALE: 1/4" = 1'-0"



1 A 548 ENV SCIENCE 301 - NORTH
SCALE: 1/4" = 1'-0"



2 A 548 MS SCIENCE 301 - EAST
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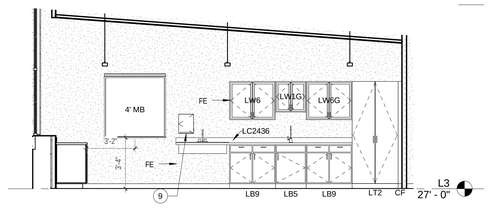

3 A 548 ENV SCIENCE 301 - WEST
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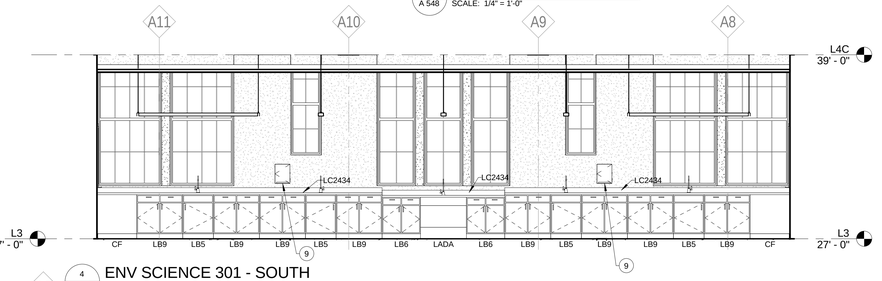

4 A 548 ENV SCIENCE 301 - SOUTH
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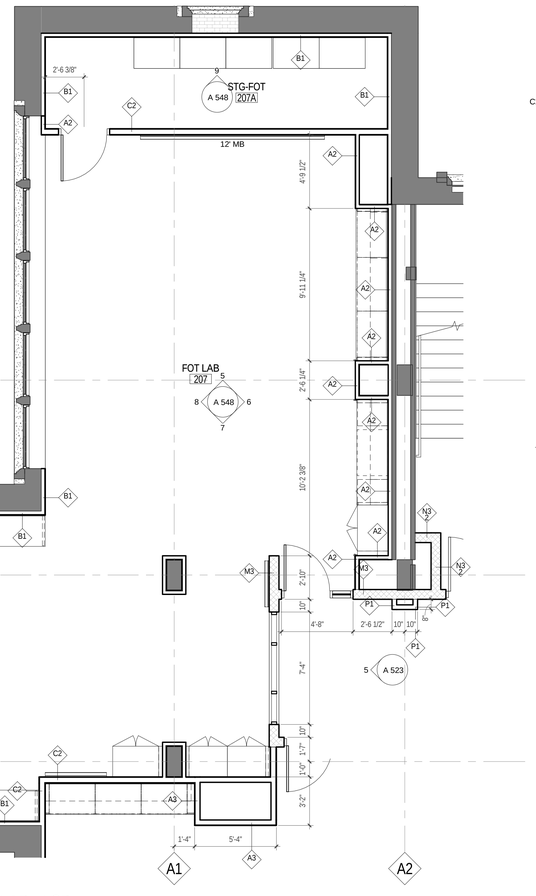
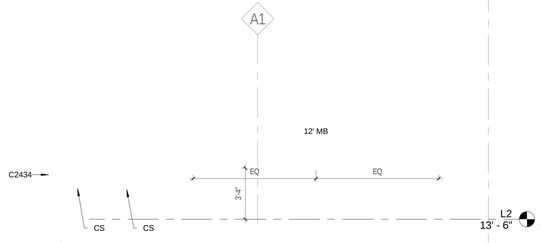


B FOT LAB - L2B
A 548 SCALE: 1/4" = 1'-0"



5 A 548 FOT LAB 207 - NORTH
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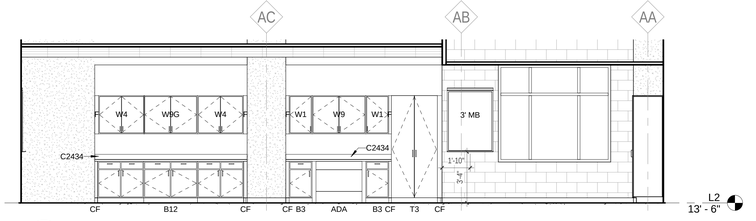
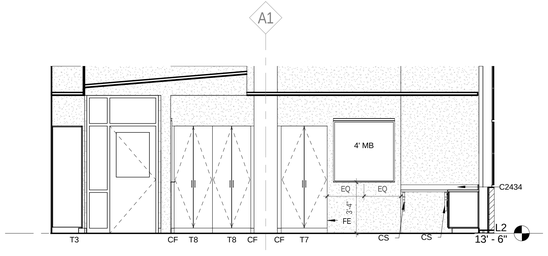
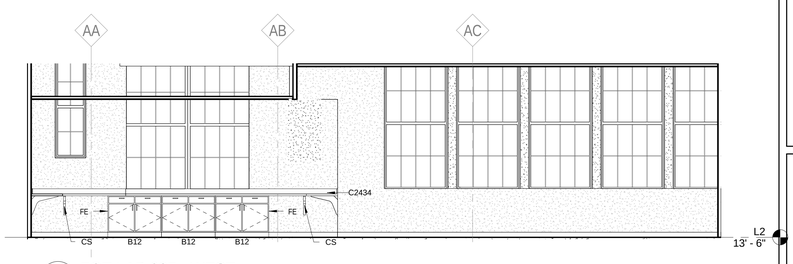


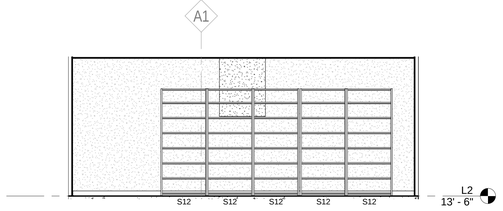
6 A 548 FOT LAB 207 - EAST
SCALE: 1/4" = 1'-0"



7 A 548 FOT LAB 207 - SOUTH
SCALE: 1/4" = 1'-0"



8 A 548 FOT LAB 207 - WEST
SCALE: 1/4" = 1'-0"



9 A 548 FOT STG 207A - NORTH
SCALE: 1/4" = 1'-0"

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1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
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LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

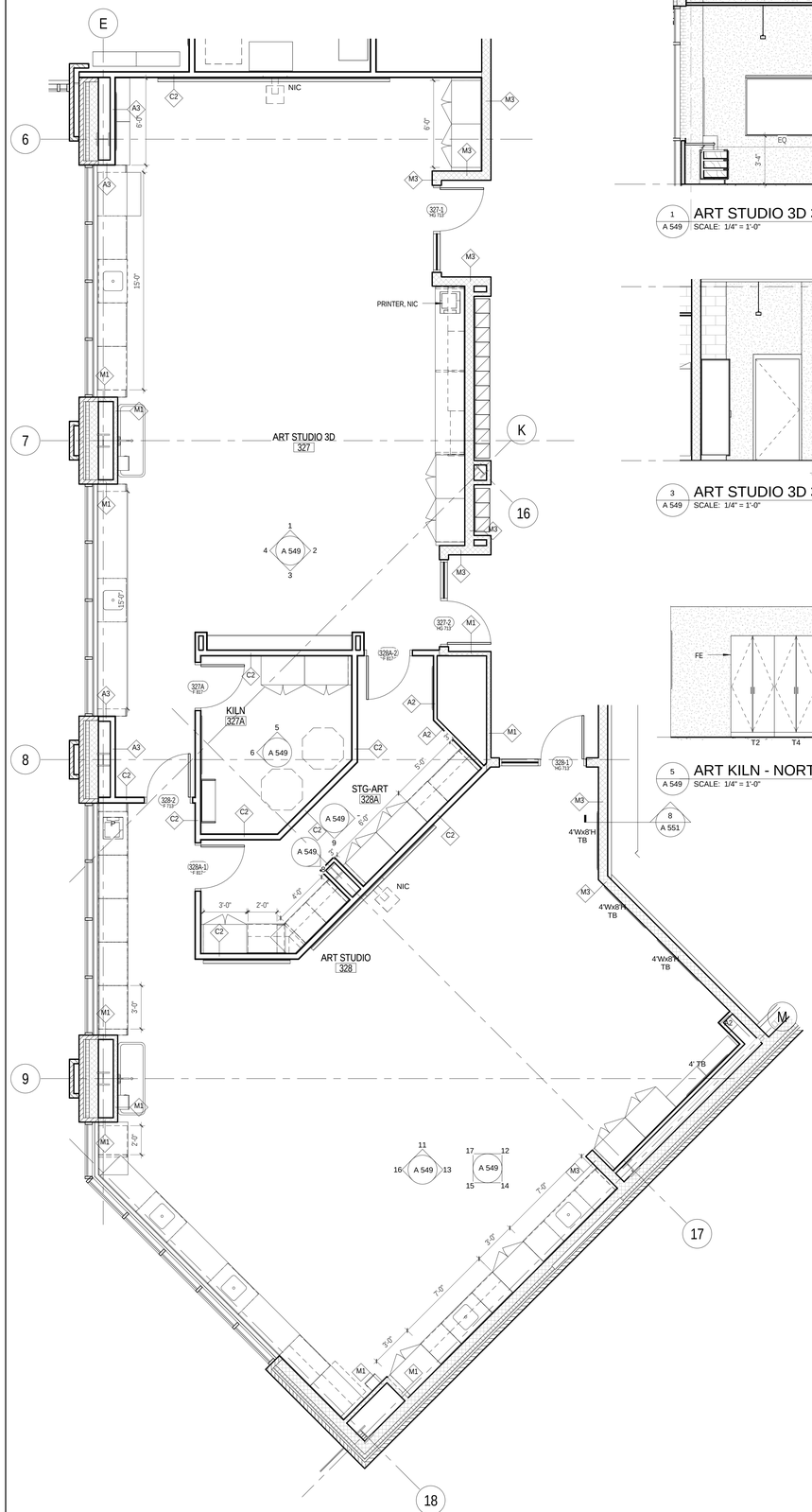
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

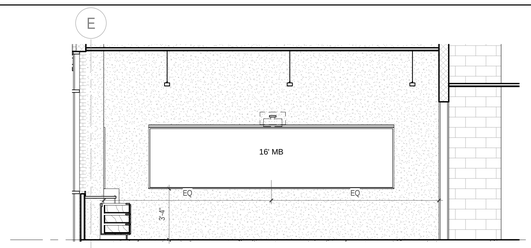
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"
DRAWING NAME
PLAN / ELEV - ENV SCIENCE / FOT

A 548

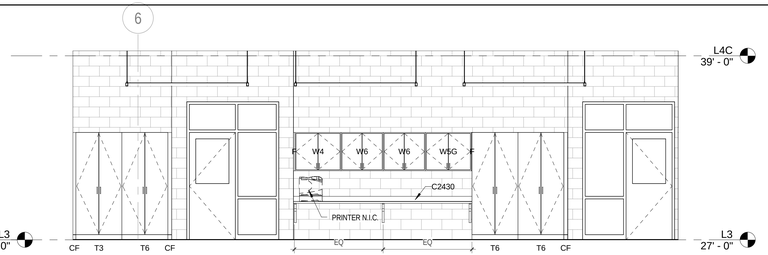
7/29/2016 4:46:31 PM



A L3C - ENLARGED PLAN - ART STUDIOS
A 549 SCALE: 1/4" = 1'-0"



1 A 549 ART STUDIO 3D 327 - NORTH
SCALE: 1/4" = 1'-0"



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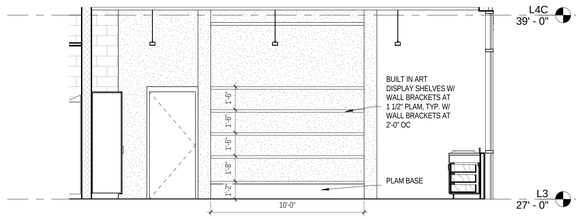
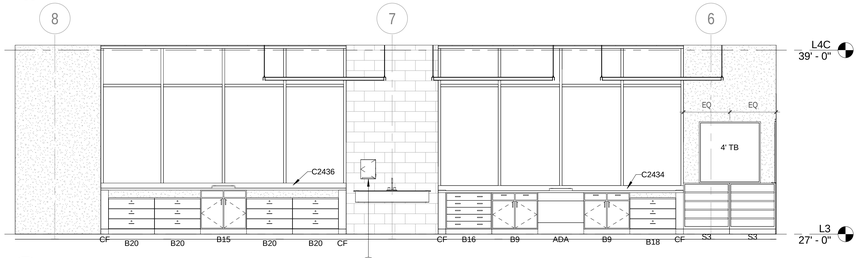


3 A 549 ART STUDIO 3D 327 - SOUTH
SCALE: 1/4" = 1'-0"



4 A 549 ART STUDIO 3D 327 - WEST
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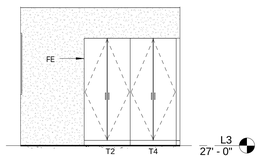
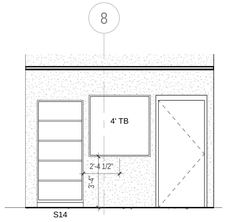


5 A 549 ART KILN - NORTH
SCALE: 1/4" = 1'-0"



6 A 549 ART KILN - EAST
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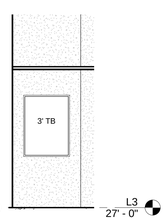
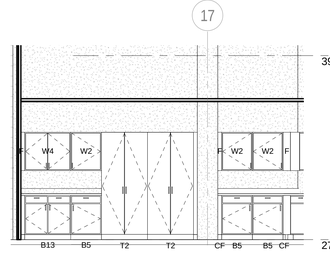


7 A 549 STG 328A - EAST
SCALE: 1/4" = 1'-0"



8 A 549 STG 328A - SOUTHEAST
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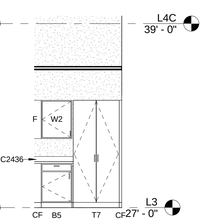

9 A 549 STG 328A - SOUTH
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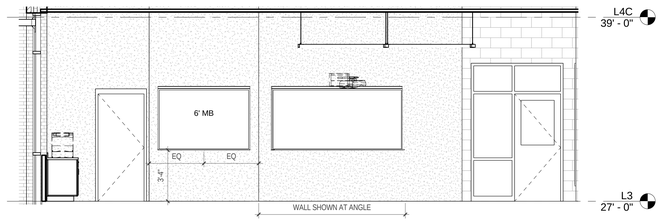
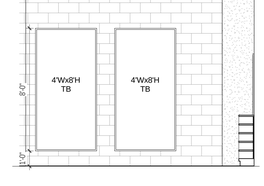


11 A 549 ART STUDIO 328 - NORTH
SCALE: 1/4" = 1'-0"



12 A 549 ART STUDIO 328 - NORTHEAST
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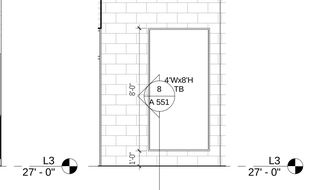
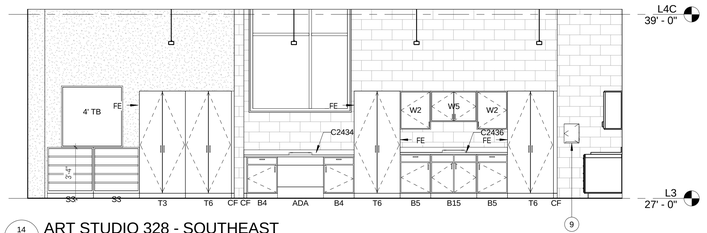
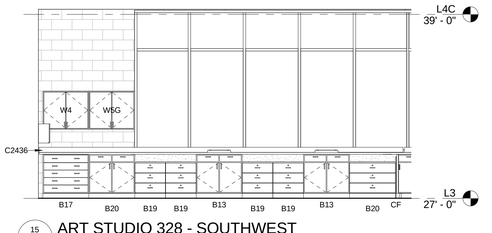


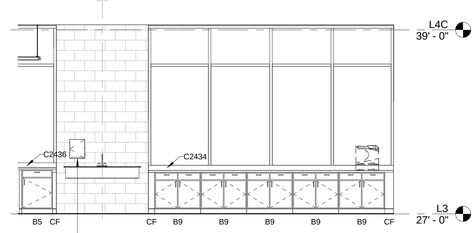
13 A 549 ART STUDIO 328 - EAST
SCALE: 1/4" = 1'-0"



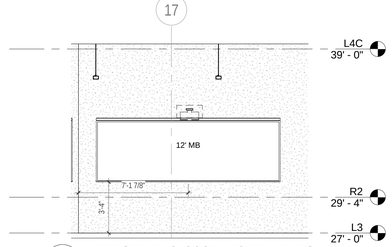
14 A 549 ART STUDIO 328 - SOUTHEAST
SCALE: 1/4" = 1'-0"



15 A 549 ART STUDIO 328 - SOUTHWEST
SCALE: 1/4" = 1'-0"



16 A 549 ART STUDIO 328 - WEST
SCALE: 1/4" = 1'-0"



17 A 549 ART STUDIO 328 - NORTHWEST
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
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8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

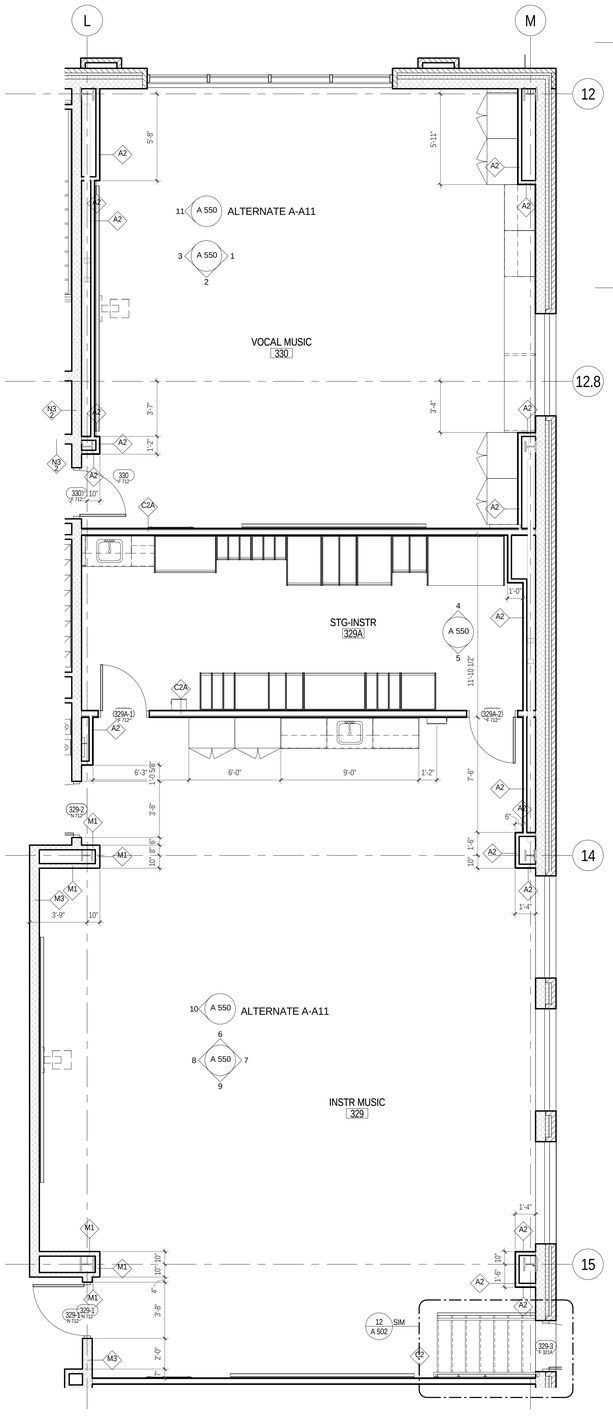
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"

DRAWING NAME
PLAN / ELEV - ART ROOMS

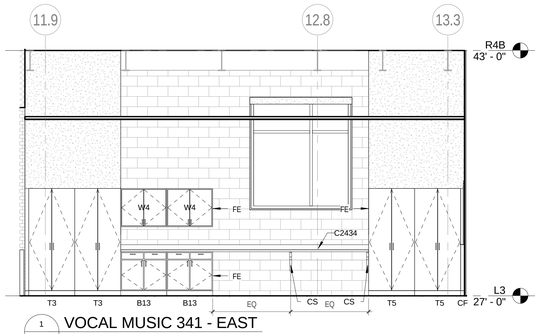
A 549

7/28/2016 4:47:02 PM



A
A 550
SCALE: 1/4" = 1'-0"

MUSIC ROOMS - L3B



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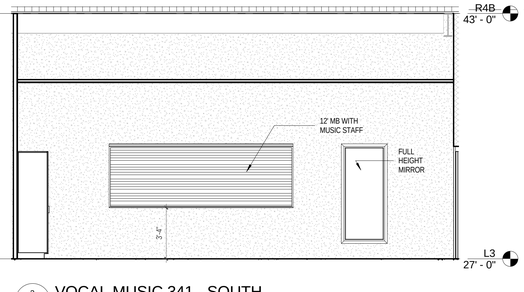
A 550
SCALE: 1/4" = 1'-0"

VOCAL MUSIC 341 - EAST



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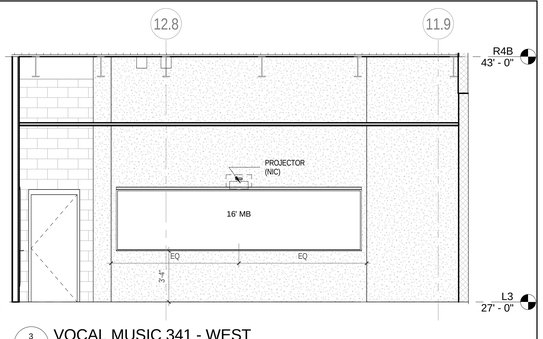
A 550
SCALE: 1/4" = 1'-0"

VOCAL MUSIC 341 - SOUTH



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A 550
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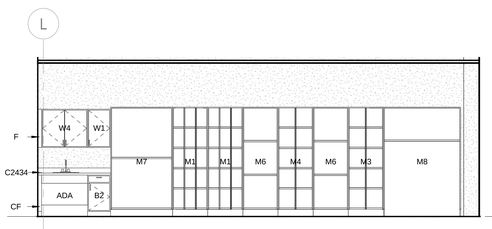
VOCAL MUSIC 341 - WEST



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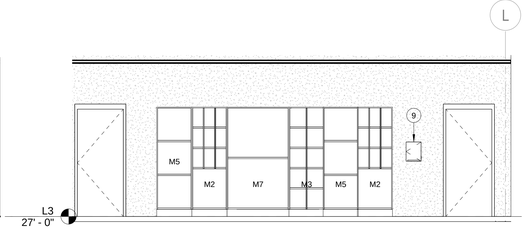
A 550
SCALE: 1/4" = 1'-0"

STG-INSTR 329A - NORTH



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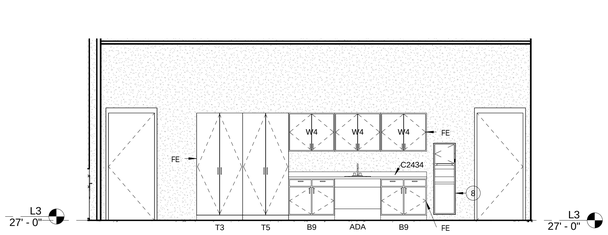
A 550
SCALE: 1/4" = 1'-0"

STG-INSTR 329A - SOUTH

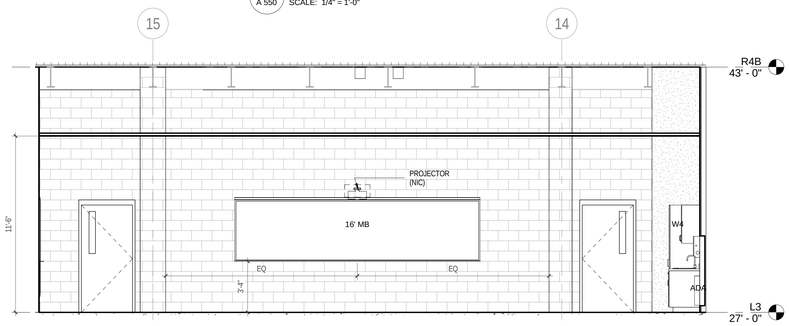


6
A 550
SCALE: 1/4" = 1'-0"

INSTRUMENTAL MUSIC - NORTH

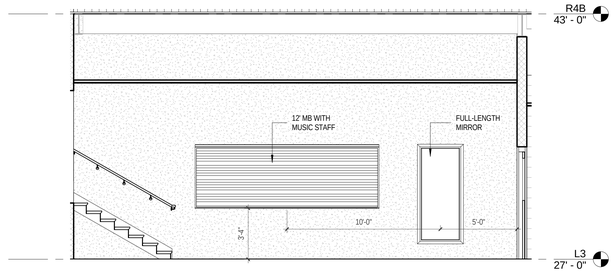
7
A 550
SCALE: 1/4" = 1'-0"

INSTRUMENTAL MUSIC - EAST



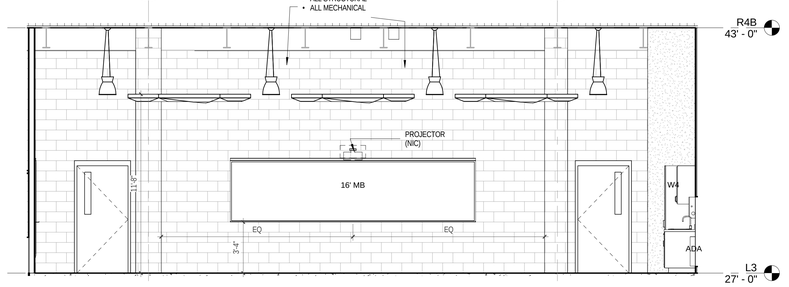
8
A 550
SCALE: 1/4" = 1'-0"

INSTRUMENTAL MUSIC - WEST



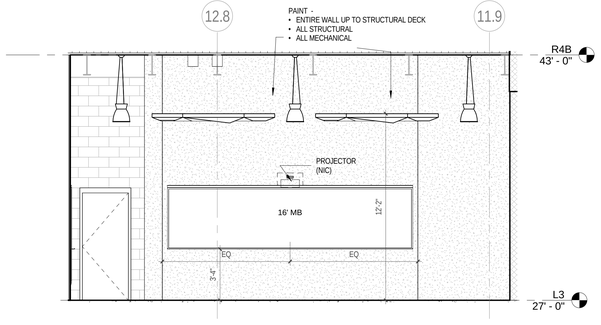
9
A 550
SCALE: 1/4" = 1'-0"

INSTRUMENTAL MUSIC - SOUTH



10
A 550
SCALE: 1/4" = 1'-0"

INSTR MUSIC - WEST - ALTERNATIVE A-A11



11
A 550
SCALE: 1/4" = 1'-0"

VOCAL MUSIC 341 - ALT A-A11

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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

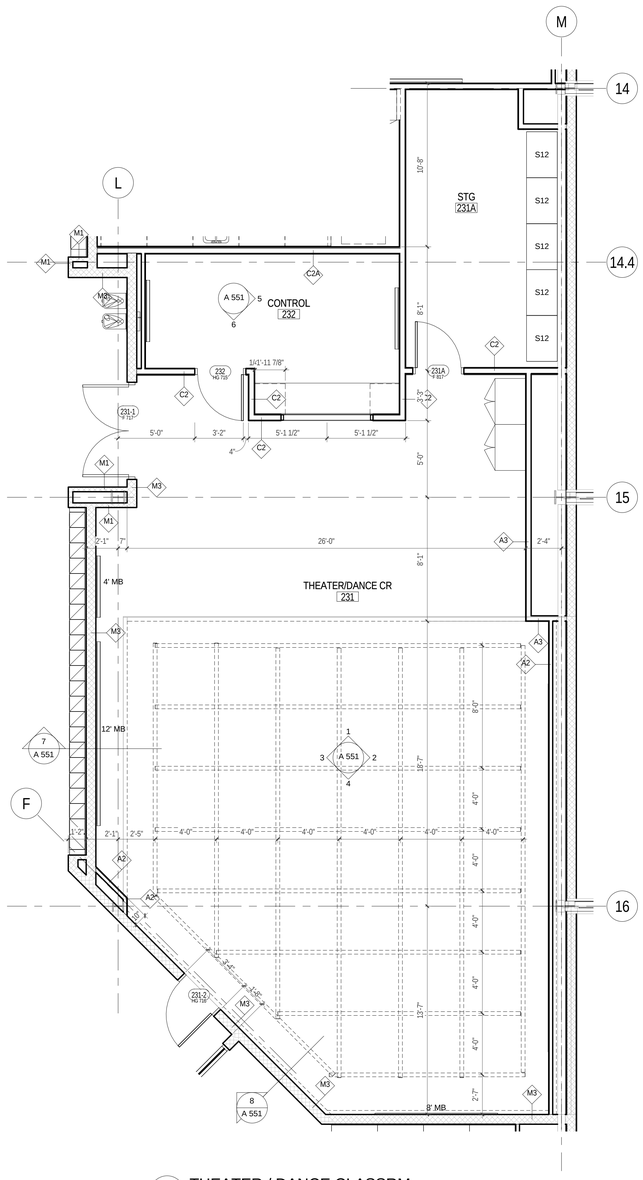
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"
DRAWING NAME
PLAN / ELEV - MUSIC ROOMS

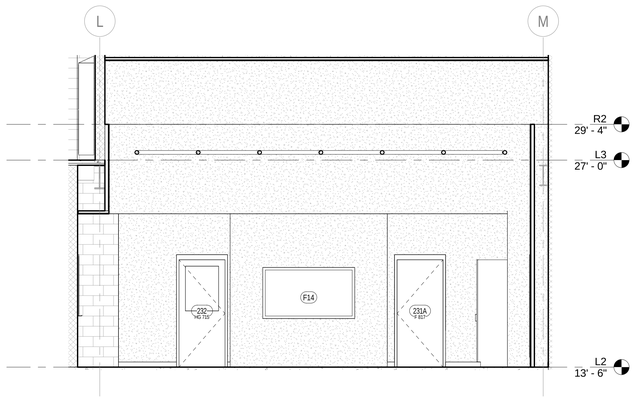
A 550

7/28/2016 4:47:28 PM



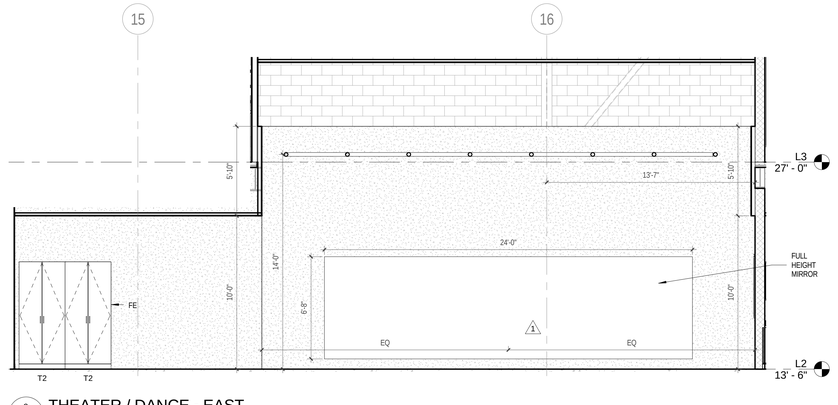
A
A 551
SCALE: 1/4" = 1'-0"

THEATER / DANCE CLASSRM



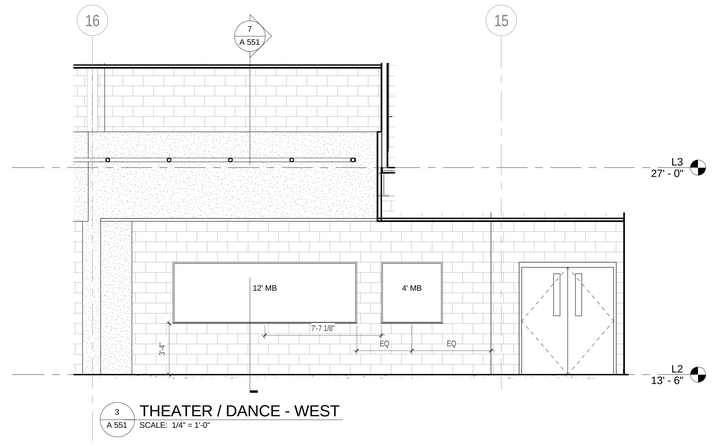
1
A 551
SCALE: 1/4" = 1'-0"

THEATER / DANCE NORTH



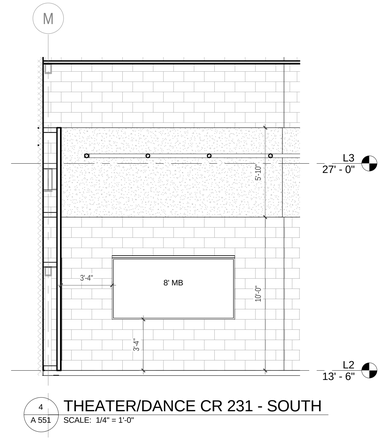
2
A 551
SCALE: 1/4" = 1'-0"

THEATER / DANCE - EAST



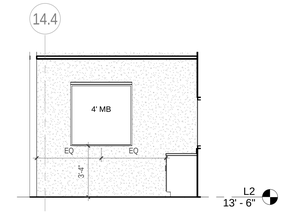
3
A 551
SCALE: 1/4" = 1'-0"

THEATER / DANCE - WEST



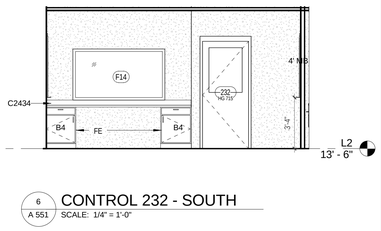
4
A 551
SCALE: 1/4" = 1'-0"

THEATER/DANCE CR 231 - SOUTH



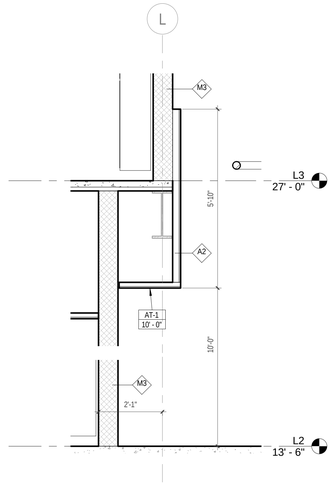
5
A 551
SCALE: 1/4" = 1'-0"

CONTROL 232 - EAST



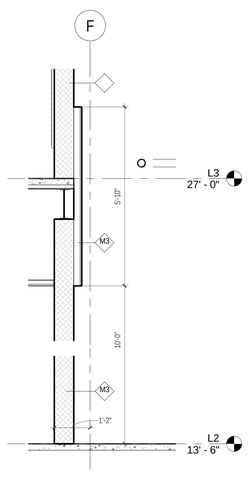
6
A 551
SCALE: 1/4" = 1'-0"

CONTROL 232 - SOUTH



7
A 551
SCALE: 1/2" = 1'-0"

DANCE 231 SOFFIT 1



8
A 551
SCALE: 1/2" = 1'-0"

DANCE 231 SOFFIT 2

GENERAL PLAN NOTES

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LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

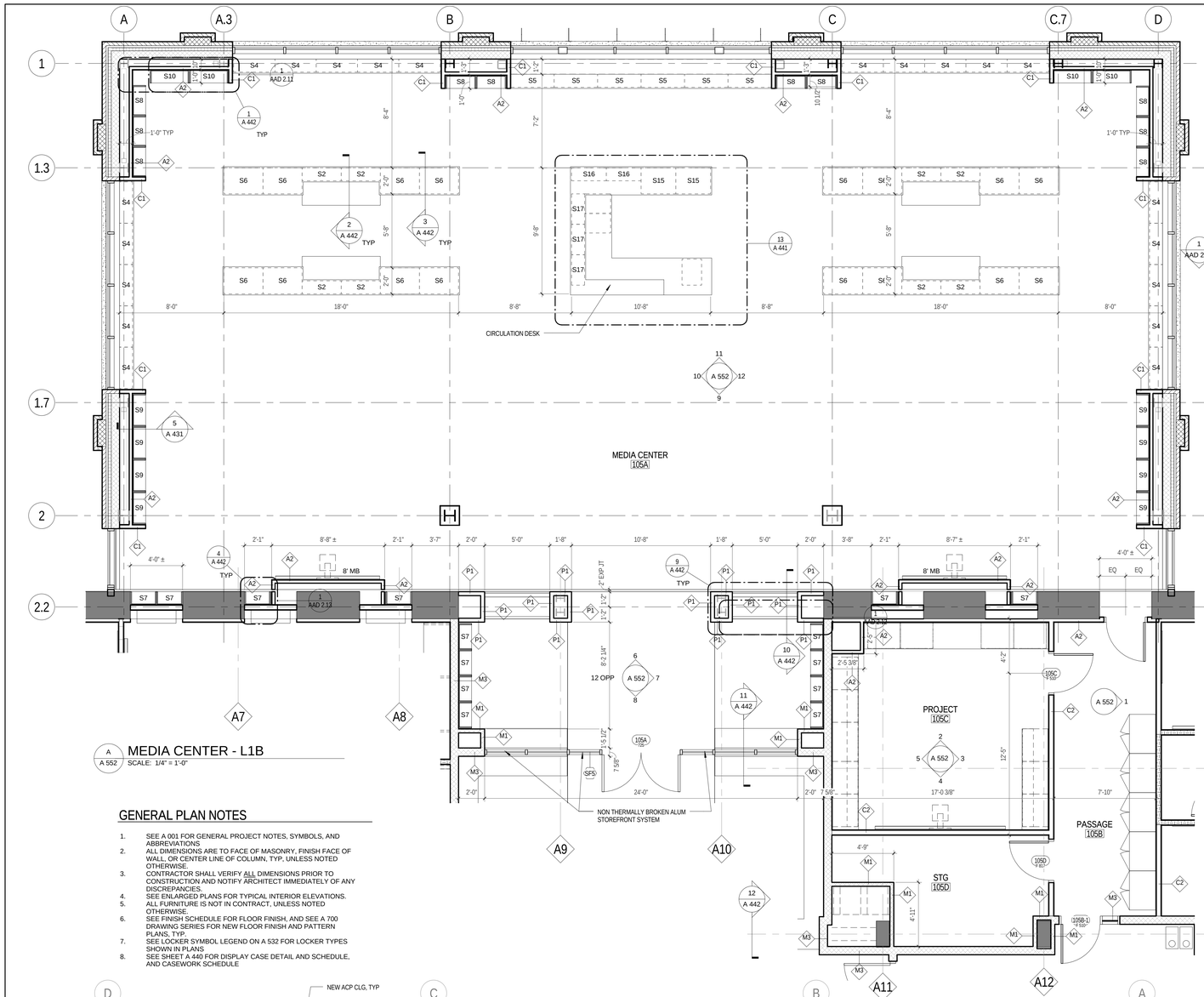
SCALE: As indicated

DRAWING NAME

PLAN / ELEV - THEATER / DANCE

A 551

7/28/2016 4:47:50 PM



A 552 — MEDIA CENTER - L1B
SCALE: 1/4" = 1'-0"

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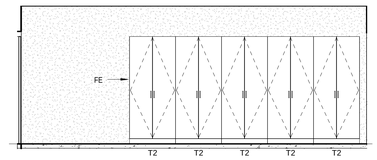
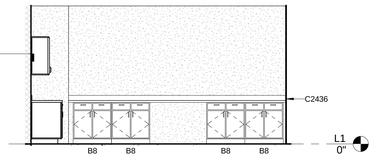
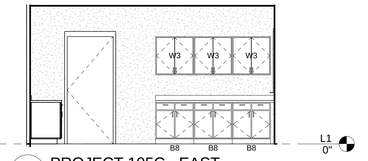


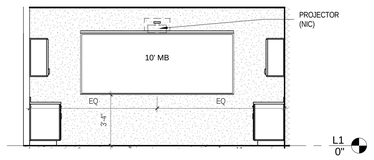
1 A 552 — PASSAGE 105B - EAST
SCALE: 1/4" = 1'-0"



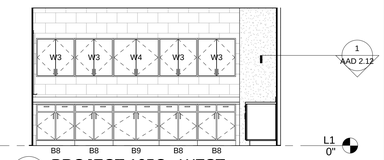
2 A 552 — PROJECT 105C - NORTH
SCALE: 1/4" = 1'-0"



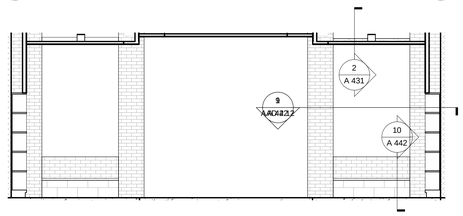
3 A 552 — PROJECT 105C - EAST
SCALE: 1/4" = 1'-0"



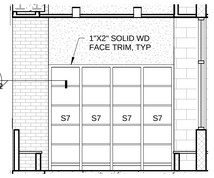
4 A 552 — PROJECT 105C - SOUTH
SCALE: 1/4" = 1'-0"



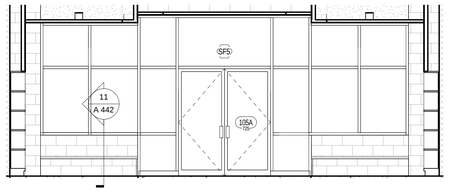
5 A 552 — PROJECT 105C - WEST
SCALE: 1/4" = 1'-0"



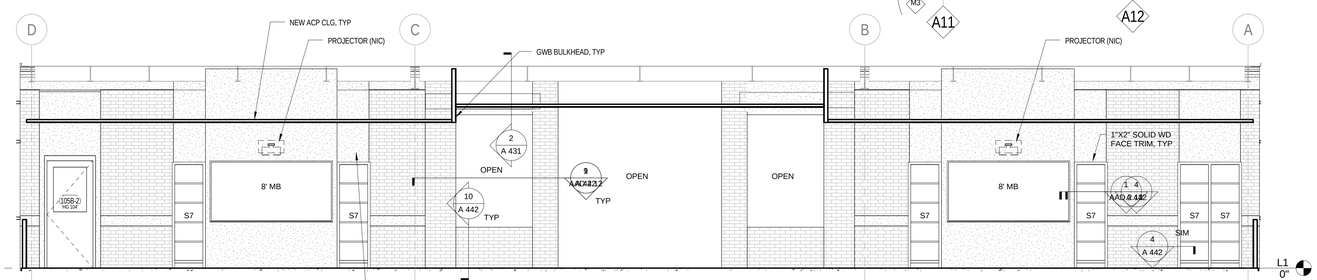
6 A 552 — MEDIA CENTER ENTRY - NORTH
SCALE: 1/4" = 1'-0"



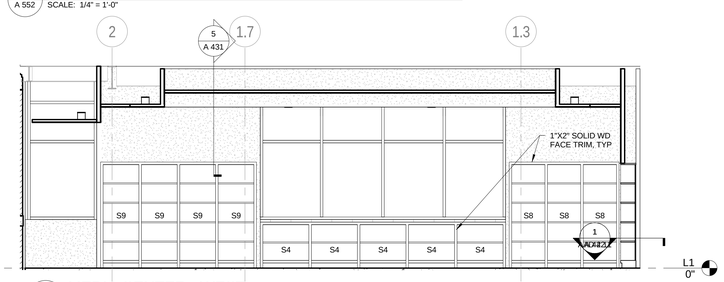
7 A 552 — MEDIA CENTER ENTRY - EAST/WEST
SCALE: 1/4" = 1'-0"



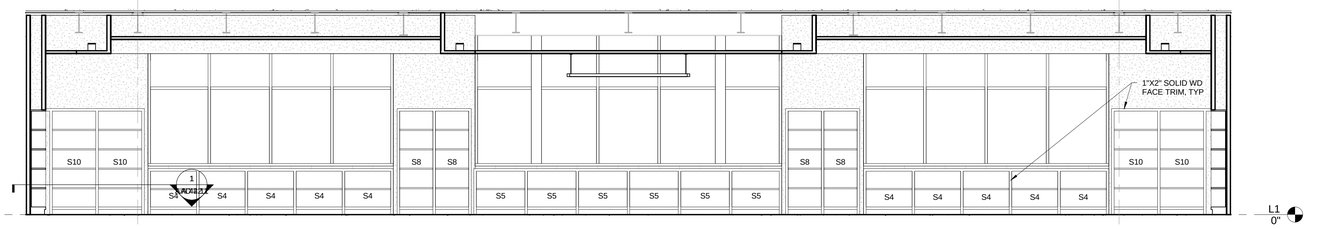
8 A 552 — MEDIA CENTER ENTRY - SOUTH
SCALE: 1/4" = 1'-0"



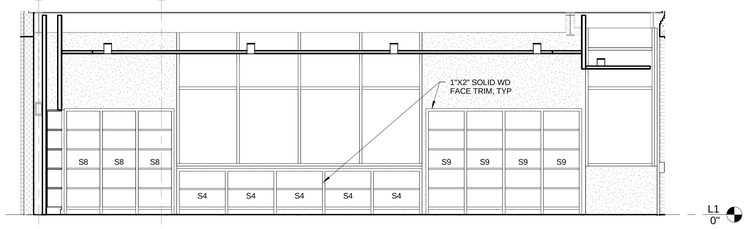
9 A 552 — MEDIA CENTER - SOUTH
SCALE: 1/4" = 1'-0"



10 A 552 — MEDIA CENTER - WEST
SCALE: 1/4" = 1'-0"



11 A 552 — MEDIA CENTER - NORTH
SCALE: 1/4" = 1'-0"



12 A 552 — MEDIA CENTER - EAST
SCALE: 1/4" = 1'-0"

JRS ARCHITECTS
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

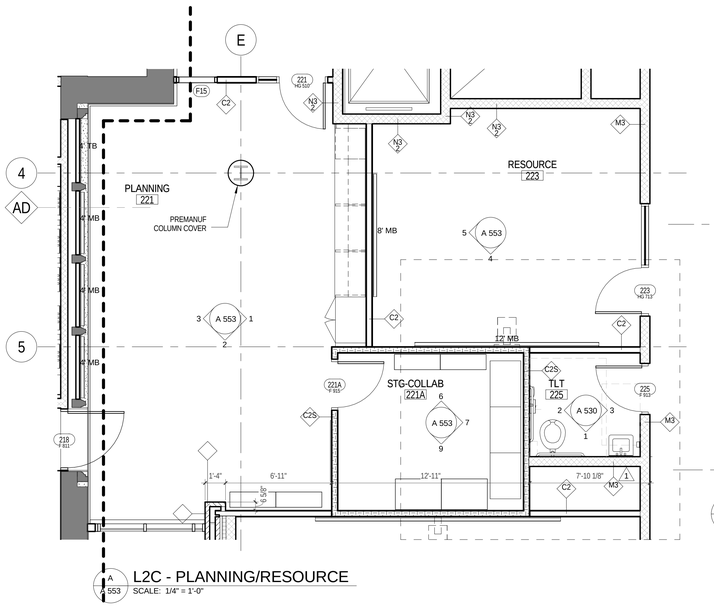
SCALE: 1/4" = 1'-0"

DRAWING NAME

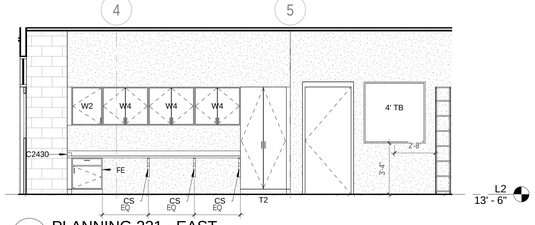
PLAN / ELEV - MEDIA CENTER

A 552

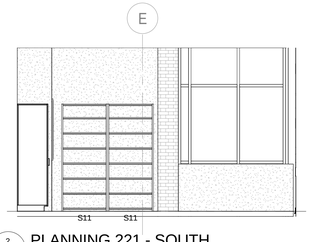
7/28/2016 4:48:16 PM



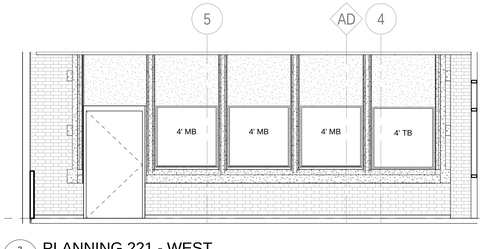
A L2C - PLANNING/RESOURCE
A 553 SCALE: 1/4" = 1'-0"



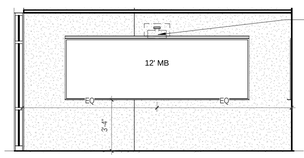
1 A 553 PLANNING 221 - EAST
SCALE: 1/4" = 1'-0"



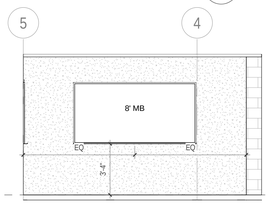
2 A 553 PLANNING 221 - SOUTH
SCALE: 1/4" = 1'-0"



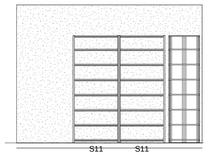
3 A 553 PLANNING 221 - WEST
SCALE: 1/4" = 1'-0"



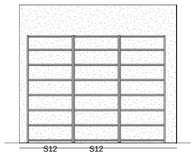
4 A 553 RESOURCE 223 - SOUTH
SCALE: 1/4" = 1'-0"



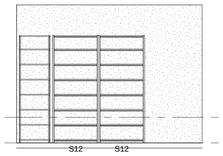
5 A 553 RESOURCE 223 - WEST
SCALE: 1/4" = 1'-0"



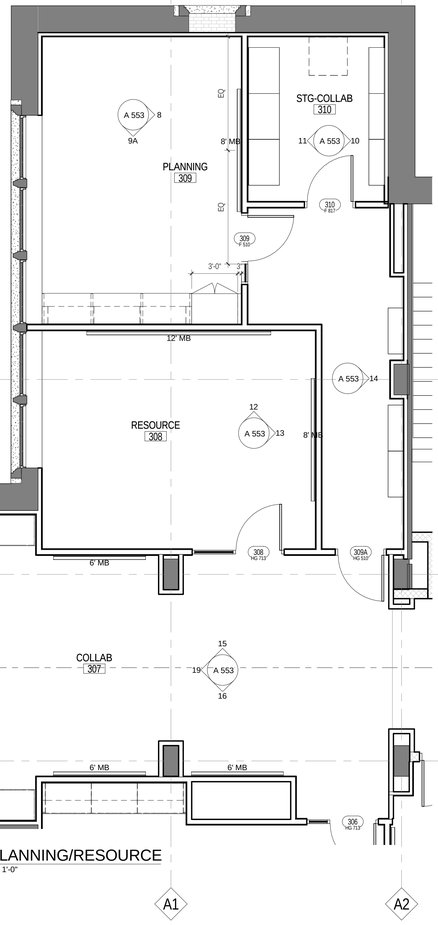
6 A 553 COL STOR 221A - NORTH
SCALE: 1/4" = 1'-0"



7 A 553 COL STOR 221A - EAST
SCALE: 1/4" = 1'-0"

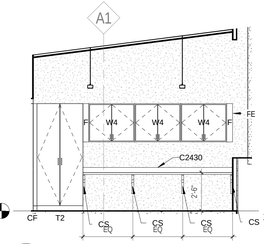


9 A 553 COL STOR 221A - SOUTH
SCALE: 1/4" = 1'-0"

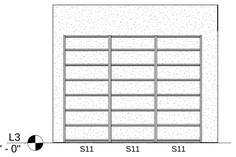


B A 553 L3B - PLANNING/RESOURCE
SCALE: 1/4" = 1'-0"

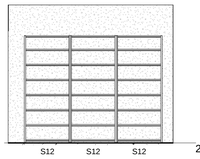
8 A 553 PLANNING 309 - EAST
SCALE: 1/4" = 1'-0"



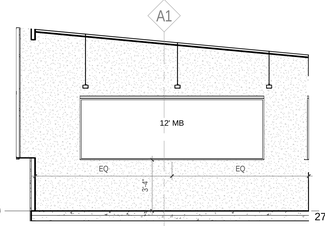
9A A 553 PLANNING 309 - SOUTH
SCALE: 1/4" = 1'-0"



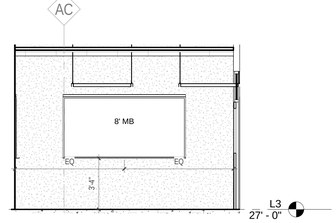
10 A 553 COL STOR 310 - EAST
SCALE: 1/4" = 1'-0"



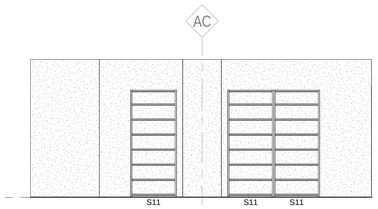
11 A 553 COL STOR 310 - WEST
SCALE: 1/4" = 1'-0"



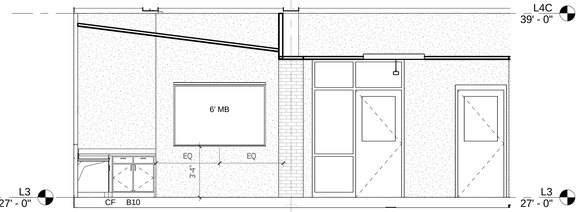
12 A 553 RESOURCE 308 - NORTH
SCALE: 1/4" = 1'-0"



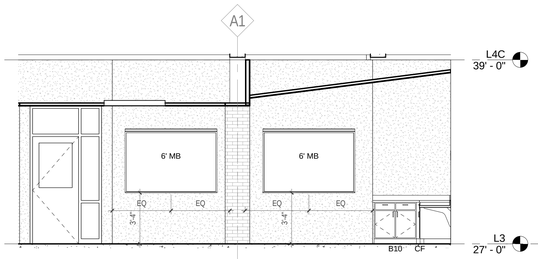
13 A 553 RESOURCE 308 - EAST
SCALE: 1/4" = 1'-0"



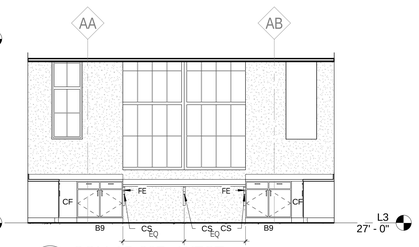
14 A 553 PASSAGE 309A - EAST
SCALE: 1/4" = 1'-0"



15 A 553 COLLAB 307 - NORTH
SCALE: 1/4" = 1'-0"



16 A 553 COLLAB 307 - SOUTH
SCALE: 1/4" = 1'-0"



19 A 553 COLLAB 307 - WEST
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS.
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

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Baltimore City Public Schools
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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

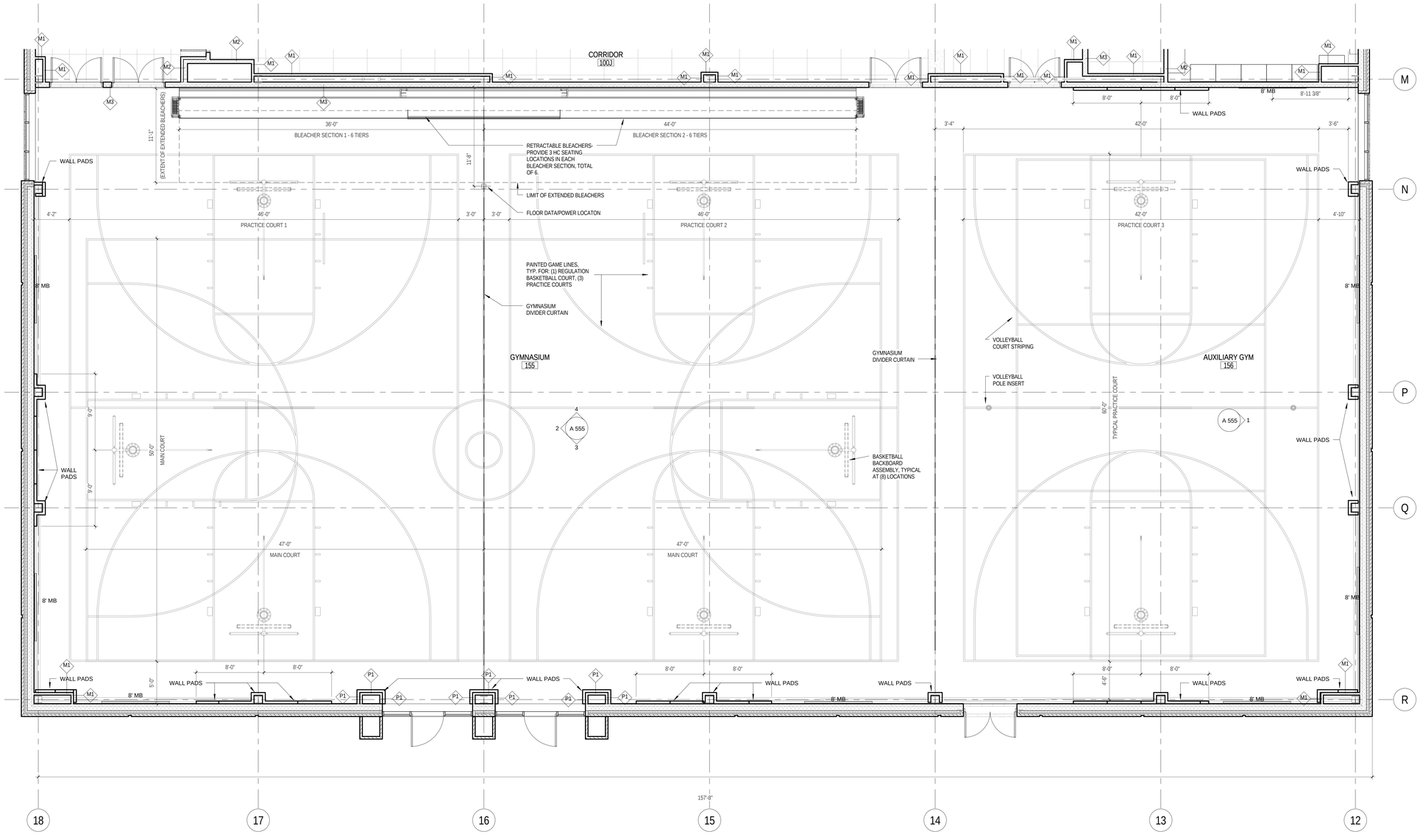
No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"
DRAWING NAME
PLAN / ELEV - COLLAB, PLANNING

A 553

7/28/2016 4:48:48 PM



A A 554 L1C - GYMNASIUM
SCALE: 3/16" = 1'-0"

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1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
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LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

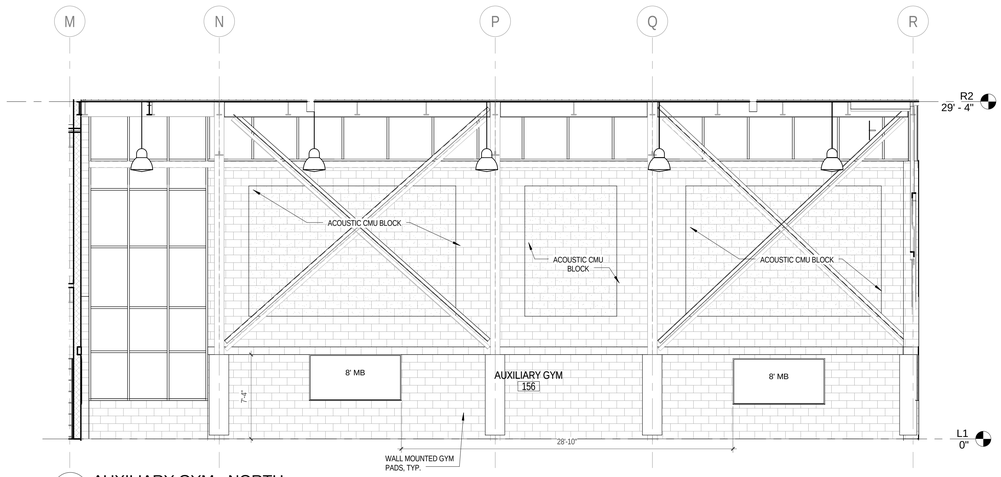
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

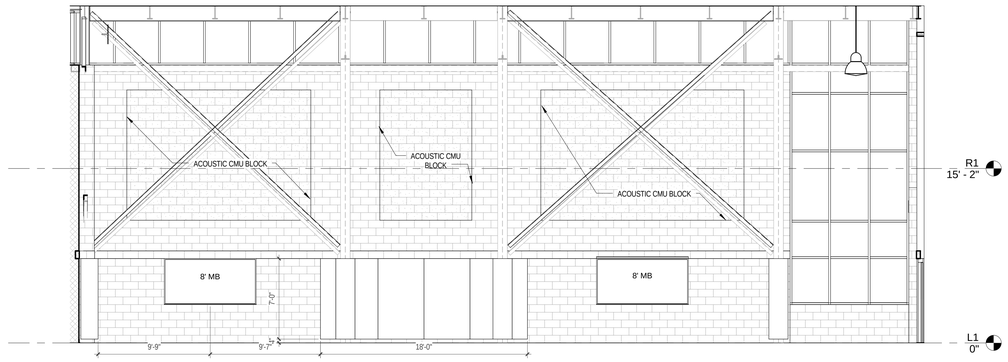
DRAWING NAME
PLAN - GYMNASIUM

A 554

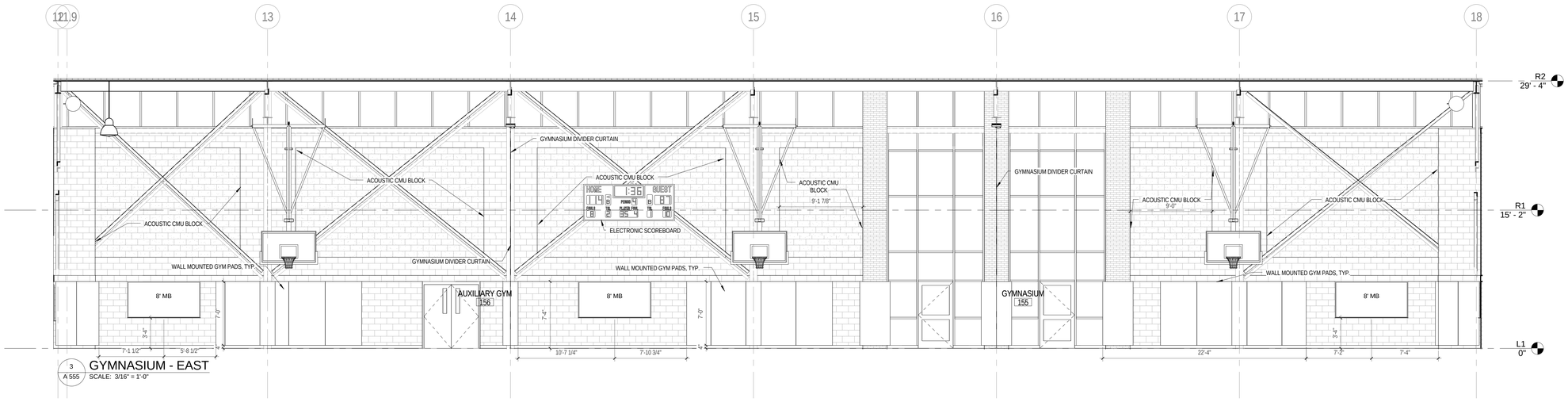
7/29/2016 4:49:01 PM



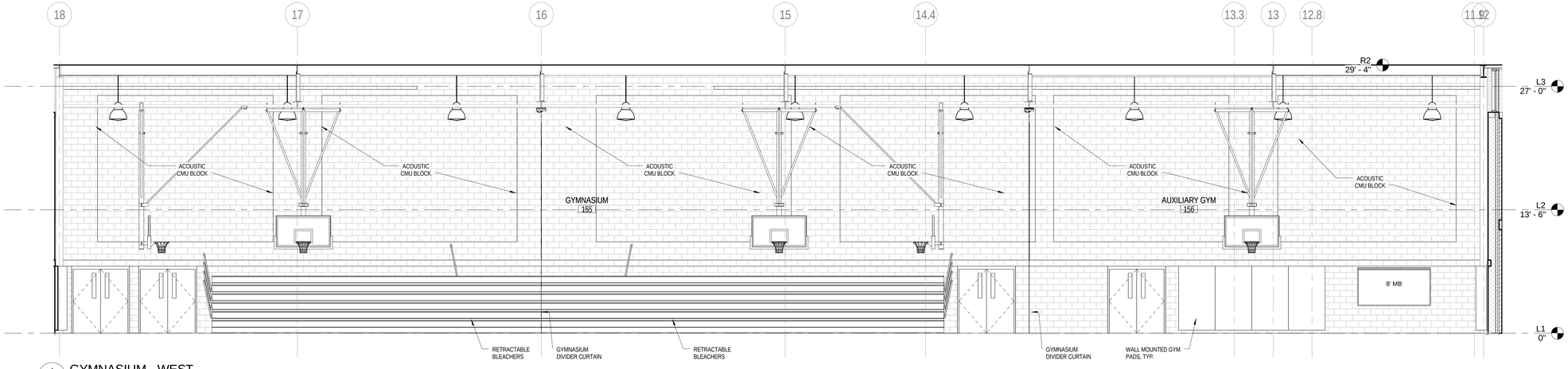
1 / A 555 AUXILIARY GYM - NORTH
SCALE: 3/16" = 1'-0"



2 / A 555 GYMNASIUM - SOUTH
SCALE: 3/16" = 1'-0"



3 / A 555 GYMNASIUM - EAST
SCALE: 3/16" = 1'-0"



4 / A 555 GYMNASIUM - WEST
SCALE: 3/16" = 1'-0"

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EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

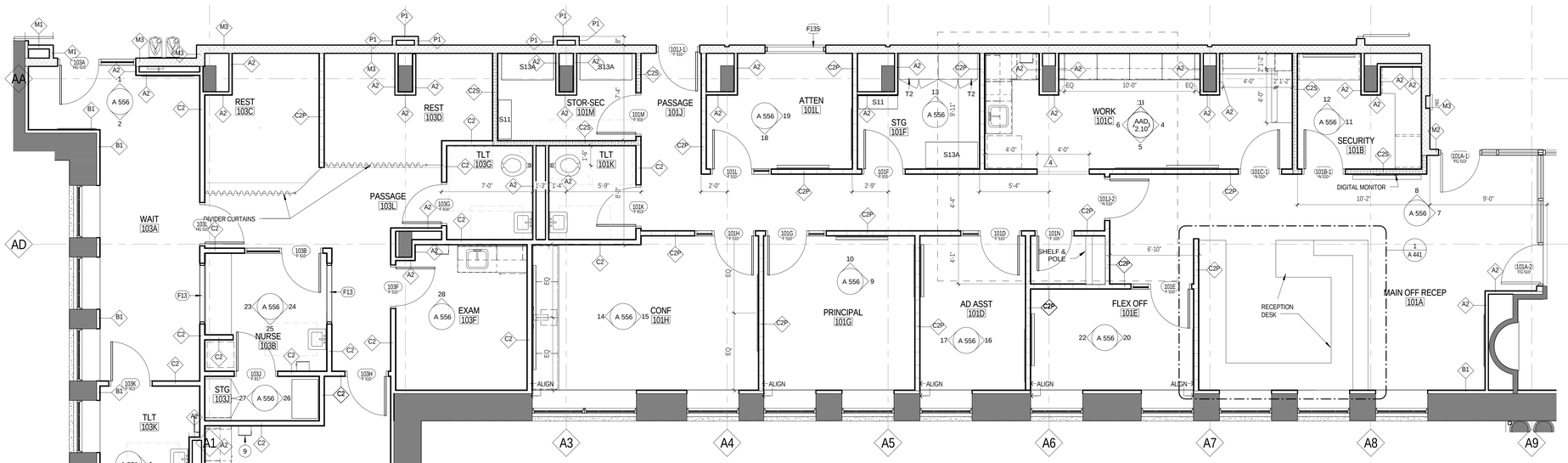
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 3/16" = 1'-0"

DRAWING NAME
INT ELEV - GYMNASIUM

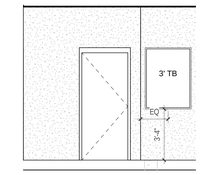
A 555

7/29/2016 4:49:24 PM

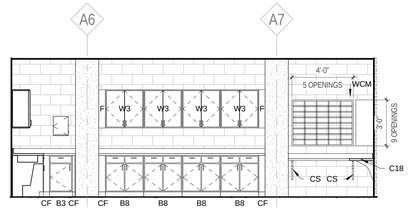


A / A 556 — L1B - ADMIN / NURSE
SCALE: 1/4" = 1'-0"

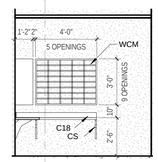
1 / A 556 — WAIT 103A - NORTH
SCALE: 1/4" = 1'-0"



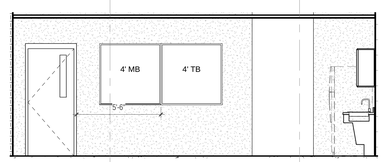
2 / A 556 — WAIT 103A - SOUTH
SCALE: 1/4" = 1'-0"



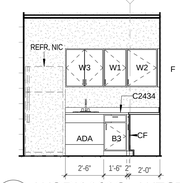
3 / A 556 — WORK 101C - NORTH
SCALE: 1/4" = 1'-0"



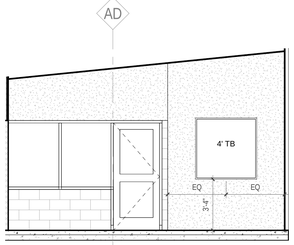
4 / A 556 — WORK 101C - EAST
SCALE: 1/4" = 1'-0"



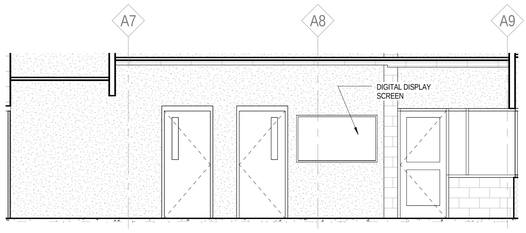
5 / A 556 — WORK 101C - SOUTH
SCALE: 1/4" = 1'-0"



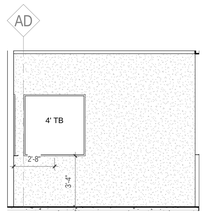
6 / A 556 — WORK 101C - WEST
SCALE: 1/4" = 1'-0"



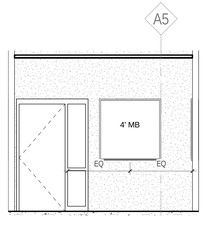
7 / A 556 — MAIN OFF RECEP 101A - EAST
SCALE: 1/4" = 1'-0"



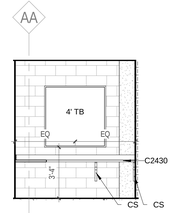
8 / A 556 — MAIN OFF RECEP 101A - NORTH
SCALE: 1/4" = 1'-0"



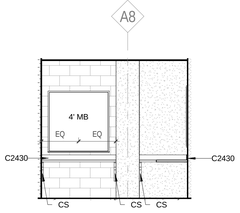
9 / A 556 — PRINCIPAL 101G - EAST
SCALE: 1/4" = 1'-0"



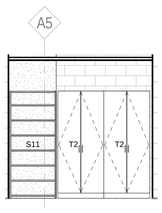
10 / A 556 — PRINCIPAL 101G - NORTH
SCALE: 1/4" = 1'-0"



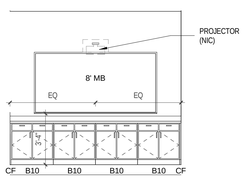
11 / A 556 — SECURITY 101B - EAST
SCALE: 1/4" = 1'-0"



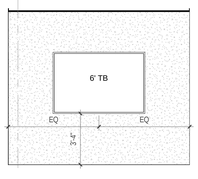
12 / A 556 — SECURITY 101B - NORTH
SCALE: 1/4" = 1'-0"



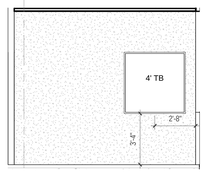
13 / A 556 — STG 101F - NORTH
SCALE: 1/4" = 1'-0"



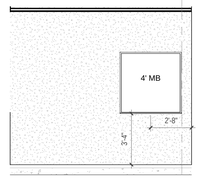
14 / A 556 — CONF 101H - WEST
SCALE: 1/4" = 1'-0"



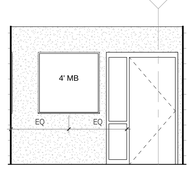
15 / A 556 — CONF 101H - EAST
SCALE: 1/4" = 1'-0"



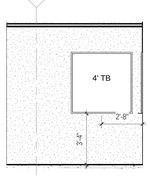
16 / A 556 — AD ASST 101D - EAST
SCALE: 1/4" = 1'-0"



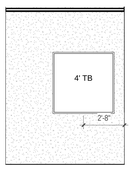
17 / A 556 — AD ASST 101D - WEST
SCALE: 1/4" = 1'-0"



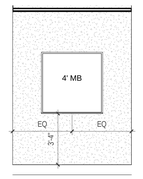
18 / A 556 — ATTEN 101L - SOUTH
SCALE: 1/4" = 1'-0"



19 / A 556 — ATTEN 101L - EAST
SCALE: 1/4" = 1'-0"



20 / A 556 — FLEX OFF 101E - EAST
SCALE: 1/4" = 1'-0"



22 / A 556 — FLEX OFF 101E - WEST
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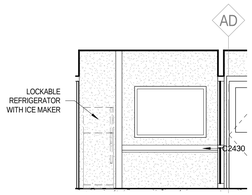
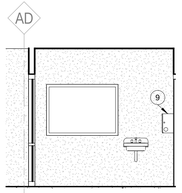


23 / A 556 — NURSE 103B - WEST
SCALE: 1/4" = 1'-0"



24 / A 556 — NURSE 103B - EAST
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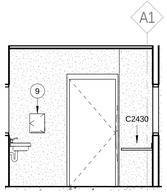
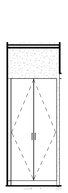
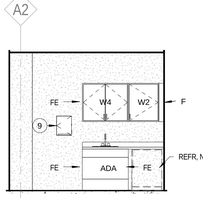


25 / A 556 — NURSE 103B - SOUTH
SCALE: 1/4" = 1'-0"

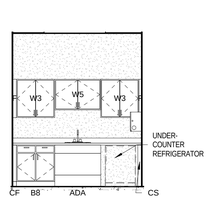
26 / A 556 — STOR. 103J - EAST
SCALE: 1/4" = 1'-0"



27 / A 556 — STOR. 103J - WEST
SCALE: 1/4" = 1'-0"



28 / A 556 — EXAM 103F - NORTH
SCALE: 1/4" = 1'-0"



29 / A 556 — EXAM 103H - WEST
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS.
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

JRS ARCHITECTS
2010 Clipper Park Rd.
Suite 101
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410.235.7256

ASSOCIATE ARCHITECT
SCHRADERGROUP ARCHITECTURE LLC
161 LEVERINGTON AVE, SUITE 105
PHILADELPHIA, PA 19127

LANDSCAPE ARCHITECT
MAHAN RYKIEL ASSOCIATES
800 WYMAN PARK DR, SUITE 100
BALTIMORE, MD 21211

CIVIL ENGINEER
STV, INC.
7125 AMBASSADOR RD, SUITE 200
BALTIMORE, MD 21244

STRUCTURAL ENGINEER
ALBRECHT ENGINEERING
3500 BOSTON ST, SUITE 329
BALTIMORE, MD 21224

MEP ENGINEER
BRINJAC ENGINEERING
1800 N. CHARLES ST, SUITE 310
BALTIMORE, MD 21201

FOOD SERVICE
NYIKOS ASSOCIATES
18219A FLOWER HILL WAY
GAITHERSBURG, MD 20879

AVIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 9982
EXPIRATION DATE: 6/3/2017

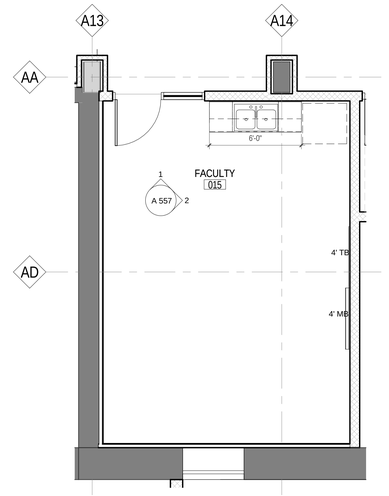
No.	DATE	DESCRIPTION
4	5/6/16	ADDENDUM 5

CONSTRUCTION SET 7/28/16

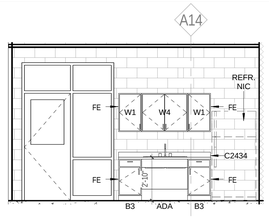
PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"
DRAWING NAME
PLAN / ELEV - L1 ADMINISTRATION

A 556

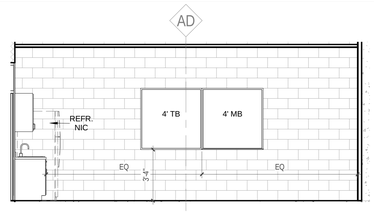
7/28/2016 4:50:02 PM



A L0B - FACULTY ENLARGED PLAN
A 557 SCALE: 1/4" = 1'-0"



1 A 557 FACULTY 015 - NORTH
SCALE: 1/4" = 1'-0"



2 A 557 FACULTY 015 - EAST
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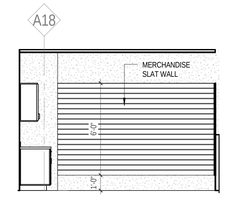
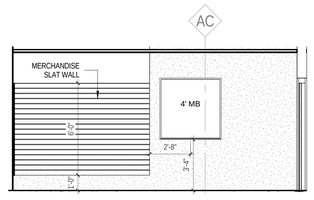
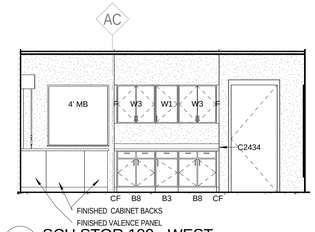


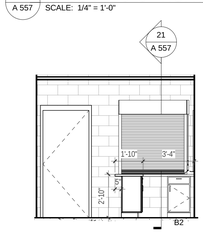
3 A 557 SCH STORE 109 - NORTH
SCALE: 1/4" = 1'-0"



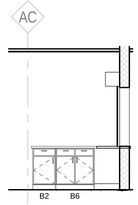
4 A 557 SCH STORE 109 - EAST
SCALE: 1/4" = 1'-0"



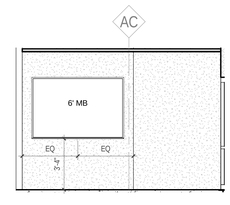
5 A 557 SCH STOR 109 - WEST
SCALE: 1/4" = 1'-0"



6 A 557 SCH STORE 109 - SOUTH
SCALE: 1/4" = 1'-0"

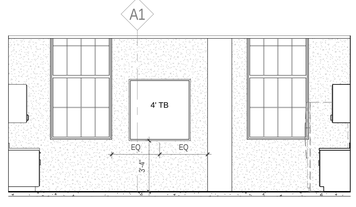


7 A 557 SCH STORE 109 - EAST 2
SCALE: 1/4" = 1'-0"

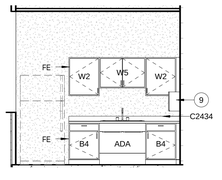


8 A 557 SGA OFF 109B - EAST
SCALE: 1/4" = 1'-0"

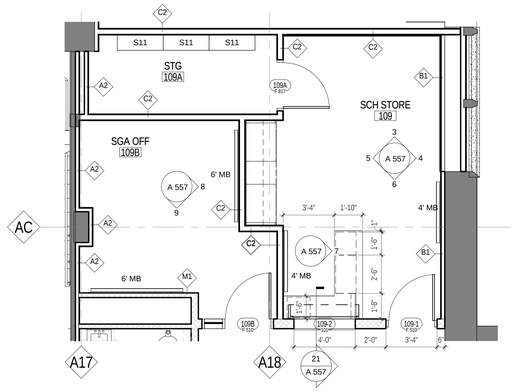
9 A 557 SGA OFF 109B - SOUTH
SCALE: 1/4" = 1'-0"



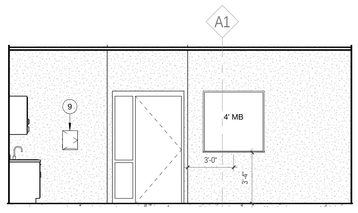
10 A 557 FACULTY 104E - NORTH
SCALE: 1/4" = 1'-0"



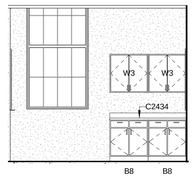
11 A 557 FACULTY 104 E - EAST
SCALE: 1/4" = 1'-0"



B A 557 L1B - SGA OFFICE ENLARGED PLAN
SCALE: 1/4" = 1'-0"



12 A 557 FACULTY 104E - SOUTH
SCALE: 1/4" = 1'-0"



13 A 557 FACULTY 104 E - WEST
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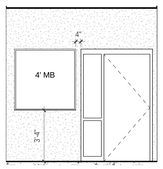
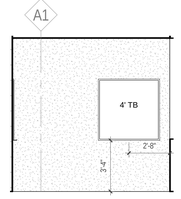


14 A 557 FLEX OFF 104F - EAST
SCALE: 1/4" = 1'-0"



15 A 557 FLEX OFF 104F - SOUTH
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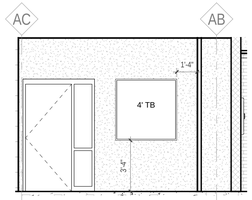

16 A 557 SP ED OFF 104A - EAST
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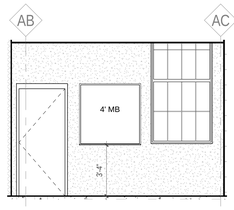

17 A 557 SP ED OFF 104A - WEST
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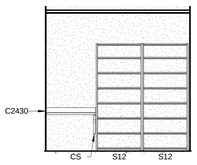

18 A 557 STG-SP ED 104D - EAST
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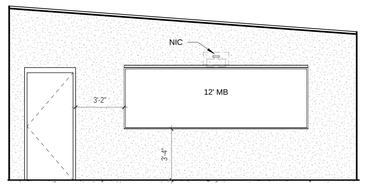
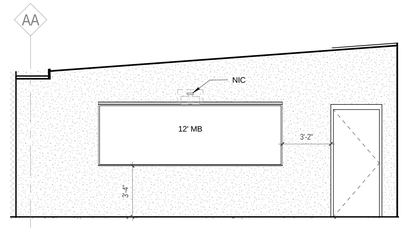
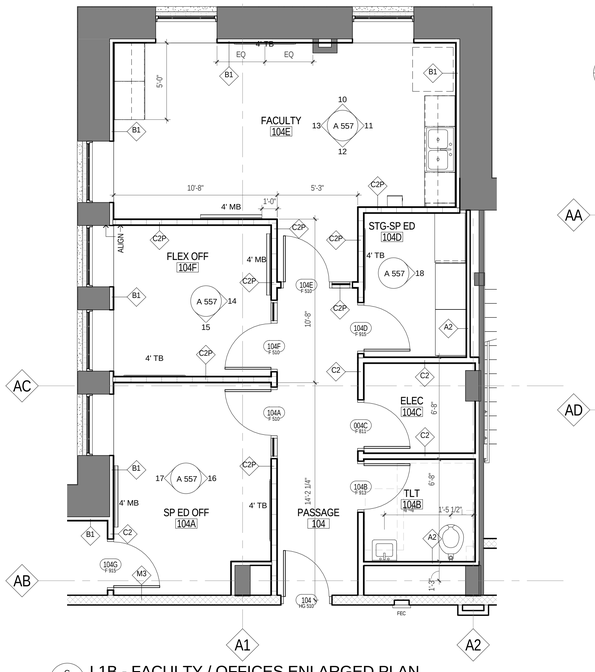


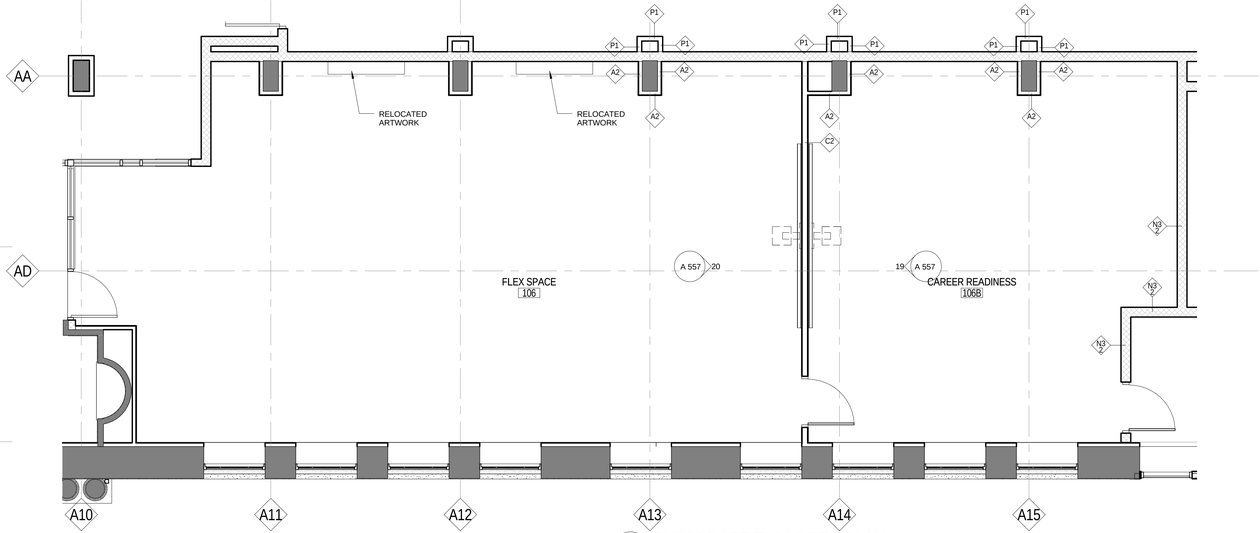
19 A 557 CAREER READINESS 106B - WEST
SCALE: 1/4" = 1'-0"



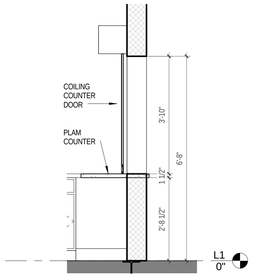
20 A 557 FLEX SPACE 106A - EAST
SCALE: 1/4" = 1'-0"



C A 557 L1B - FACULTY / OFFICES ENLARGED PLAN
SCALE: 1/4" = 1'-0"



D A 557 FLEX SPACE ENLARGED PLAN
SCALE: 1/4" = 1'-0"



21 A 557 COILING COUNTER DOOR
SCALE: 1/2" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
2. ALL DIMENSIONS ARE TO FACE OF MASONRY, FINISH FACE OF WALL, OR CENTER LINE OF COLUMN, TYP, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
5. ALL FURNITURE IS NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
6. SEE FINISH SCHEDULE FOR FLOOR FINISH, AND SEE A 700 DRAWING SERIES FOR NEW FLOOR FINISH AND PATTERN PLANS, TYP.
7. SEE LOCKER SYMBOL LEGEND ON A 532 FOR LOCKER TYPES SHOWN IN PLANS
8. SEE SHEET A 440 FOR DISPLAY CASE DETAIL AND SCHEDULE, AND CASEWORK SCHEDULE

JRS ARCHITECTS
2010 Clipper Park Rd.
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ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

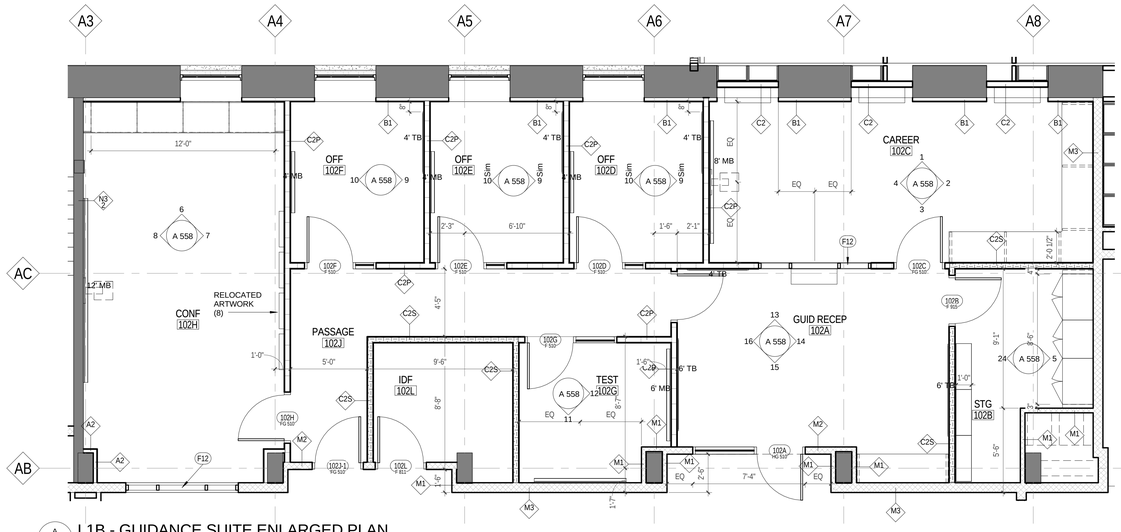
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

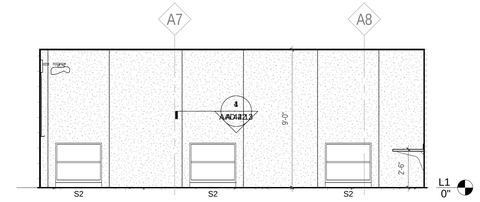
DRAWING NAME
PLAN / ELEV - ADMIN SUPPORT & FLEX

A 557

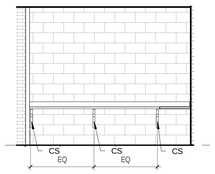
7/28/2016 4:50:37 PM



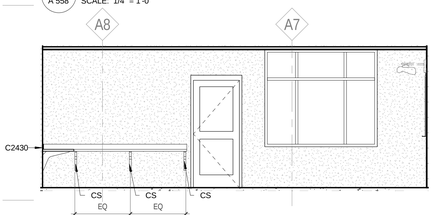
A 558 — L1B - GUIDANCE SUITE ENLARGED PLAN
SCALE: 1/4" = 1'-0"



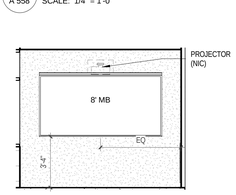
1 / A 558 — CAREER 102C - NORTH
SCALE: 1/4" = 1'-0"



2 / A 558 — CAREER 102C - EAST
SCALE: 1/4" = 1'-0"



3 / A 558 — CAREER 102C - SOUTH
SCALE: 1/4" = 1'-0"



4 / A 558 — CAREER 102C - WEST
SCALE: 1/4" = 1'-0"

GENERAL PLAN NOTES

1. SEE A 001 FOR GENERAL PROJECT NOTES, SYMBOLS, AND ABBREVIATIONS
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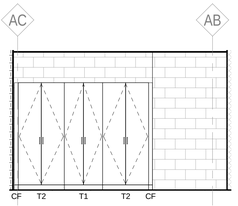
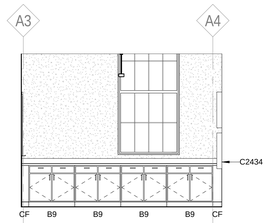
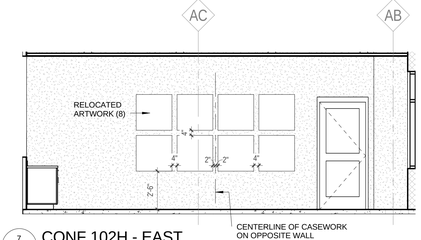


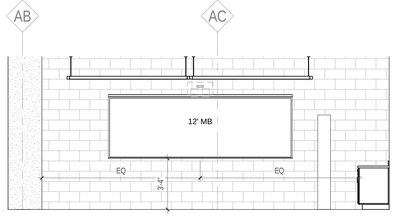
5 / A 558 — STOR 102B - EAST
SCALE: 1/4" = 1'-0"



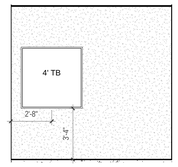
6 / A 558 — CONF. 102H - NORTH
SCALE: 1/4" = 1'-0"



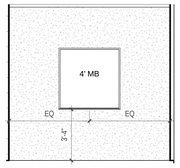
7 / A 558 — CONF 102H - EAST
SCALE: 1/4" = 1'-0"



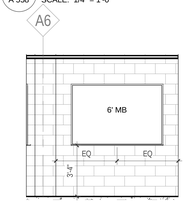
8 / A 558 — CONF 102H - WEST
SCALE: 1/4" = 1'-0"



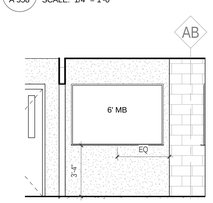
9 / A 558 — TYP. GUIDANCE OFFICE - EAST
SCALE: 1/4" = 1'-0"



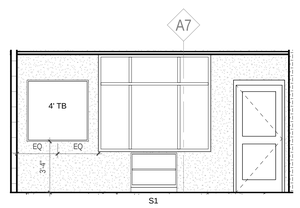
10 / A 558 — TYP. GUIDANCE OFFICE - WEST
SCALE: 1/4" = 1'-0"



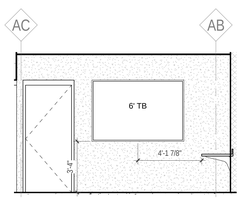
11 / A 558 — TEST 102G - SOUTH
SCALE: 1/4" = 1'-0"



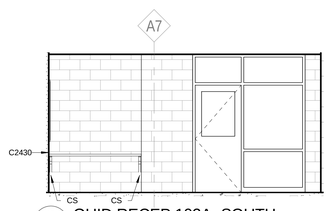
12 / A 558 — TEST 102G - WEST
SCALE: 1/4" = 1'-0"



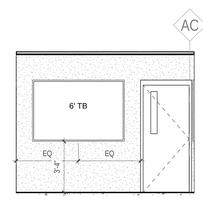
13 / A 558 — GUID RECEP 102A - NORTH
SCALE: 1/4" = 1'-0"



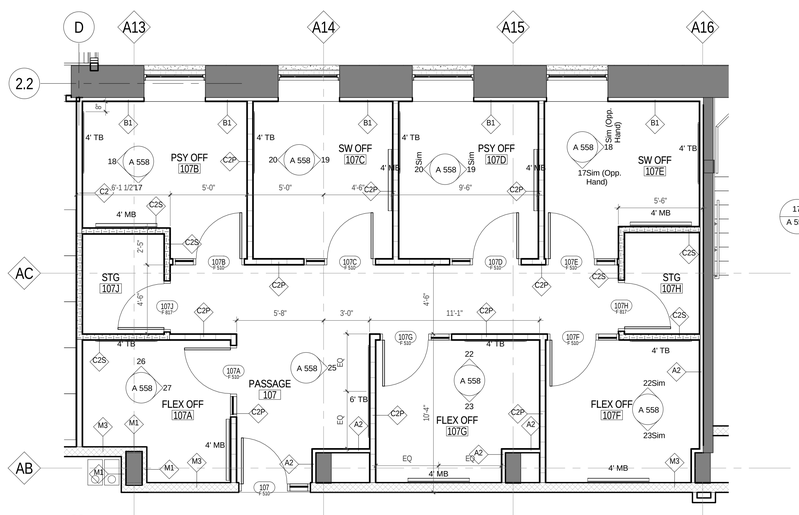
14 / A 558 — GUID RECEP 102A - EAST
SCALE: 1/4" = 1'-0"



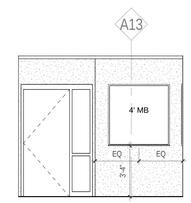
15 / A 558 — GUID RECEP 102A- SOUTH
SCALE: 1/4" = 1'-0"



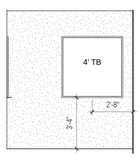
16 / A 558 — GUID RECEP 102A - WEST
SCALE: 1/4" = 1'-0"



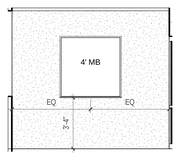
B / A 558 — L1B - OFFICE SUITE ENLARGED PLAN
SCALE: 1/4" = 1'-0"



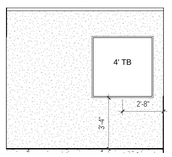
17 / A 558 — TYP. PSYCH OFFICE A - SOUTH
SCALE: 1/4" = 1'-0"



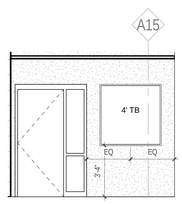
18 / A 558 — TYP. PSYCH OFFICE A - WEST
SCALE: 1/4" = 1'-0"



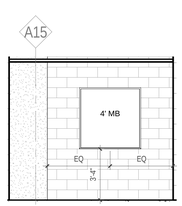
19 / A 558 — TYP. PSYCH OFFICE B - EAST
SCALE: 1/4" = 1'-0"



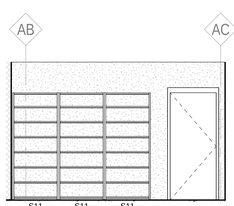
20 / A 558 — TYP. PSYCH OFFICE B - WEST
SCALE: 1/4" = 1'-0"



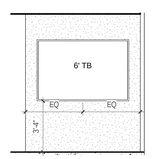
22 / A 558 — TYP. FLEX OFFICE - NORTH
SCALE: 1/4" = 1'-0"



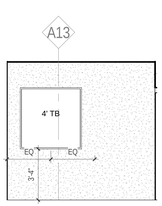
23 / A 558 — TYP. FLEX OFFICE - SOUTH
SCALE: 1/4" = 1'-0"



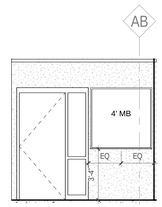
24 / A 558 — STOR 102B - WEST
SCALE: 1/4" = 1'-0"



25 / A 558 — PASSAGE 107 - EAST
SCALE: 1/4" = 1'-0"



26 / A 558 — FLEX OFF 107A - NORTH
SCALE: 1/4" = 1'-0"



27 / A 558 — FLEX OFF 107A - EAST
SCALE: 1/4" = 1'-0"

JRS ARCHITECTS
2010 Clipper Park Rd.
Suite 101
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LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"
DRAWING NAME
PLAN / ELEV- LVL 1 OFFICES

A 558

7/28/2016 4:51:11 PM

ROOM FINISH SCHEDULE

NO.	NAME	Program _Number	Program_Name	Room Style	FLOOR	BASE	WALL	CEILING	Finish Note
001A	ENTRY			1A-2	REM	R	P	AT2 / P	
001B	CORRIDOR			1B	SFT	R	P	AT2	
001C	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
001D	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
001E	CORRIDOR			1B	SFT	R	P	AT2	
001F	CORRIDOR			1B	SFT	R	P	AT2	
001G	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
001H	PASSAGE			2C	SFT	R	P	AT1	
001I	GREENHOUSE 2	05.02.04	Greenhouse	5A	EP	-	EP	-	
002	OFFICE / RECEP	01.01.08	Flex Office	2A	SFT	R	P	AT1	
002A	ADMIN ASST	01.01.07	Admin Assistant	2A	SFT	R	P	AT1	
002B	PRINCIPAL	01.01.06	Principal	2A	SFT	R	P	AT1	
002C	FLEX OFF	01.01.08	Flex Office	2A	SFT	R	P	AT1	
002D	CLOS	01.01.09	Coat Closet	2A	SFT	R	P	AT1	
003	MULTIPURP CLASSRM	07.03.01	Teaching Kitchen	2A	SFT	R	P	AT1	
004	CLASSRM (Type 6)	03.01.01	General	2A	SFT	R	P	AT1	
005	PLANNING	03.02.03	Teacher Planning	2A	SFT	R	P	AT1	
006	RESOURCE	03.02.02	Resource	2A	SFT	R	P	AT1	
007	COLLAB	03.02.01	Collaborative Learning	2A	SFT	R	P	AT1	
008	JC	12.01.06	Custodial Closet	4D-1	EP	-	P	AT2	
009	MEN			4B	RF	RF	EP / CT	AT3	
010	WOMEN			4B	RF	RF	EP / CT	AT3	
012	CLASSRM (Type 1A)	03.01.01	General	2A	SFT	R	P	AT1	
013	CLASSRM (Type 7)	03.01.01	General	2A	SFT	R	P	AT1	
014	CLASSRM (Type 1B)	03.01.01	General	2A	SFT	R	P	AT1	
015	FACULTY	01.03.01	Lounge	2A	SFT	R	P	AT1	
016	TLT	12.02.01	Staff Toilet	4B	RF	RF	EP / CT	AT3	
017	TRANSFORMER			4D-2	EP	-	P	-	
018	CLASSRM (Type 1A)	03.01.01	General	2A	SFT	R	P	AT1	
019	MECH			4D-2	EP	-	P	-	
019A	ELEC			4D-2	EP	-	P	-	
019B	MDF	10.01.04	Head End	4D-1	EP	-	P	AT2	
020	CLASSRM (Type 4)	03.01.01	General	2A	SFT	R	P	AT1	
021	FIRE PUMP			4D-2	EP	-	P	-	
022	STG-CENTRAL	12.01.02	Central Storage	4D-2	EP	-	P	-	
022A	EMR			4D-2	EP	-	P	-	
023	LKR	12.01.04	Lockers/Showers/Toilet	4B	RF	RF	EP / CT	AT3	
024	TLT/SHR	12.01.04	Lockers/Showers/Toilet	4B	RF	RF	EP / CT	AT3	
025	ELEC			4D-2	EP	-	P	-	
026	MAIN ELEC			4D-2	EP	-	P	-	
027	RECYCLE	12.01.07	Recycling	4D-2	EP	-	P	-	
028	CAN WASH	11.02.09	Wash/Trash	4D-2	EP	-	P	-	
029	STG	12.01.08	Outdoor Storage	4D-2	EP	-	P	-	
030	OFFICE	12.01.03	Operations Office	2C	SFT	R	P	AT1	
031	RCVG	12.01.01	Receiving	2C	SFT	R	P	AT1	
040	VP OFFICE	01.02.01	Vice Principal/Admin	2A	SFT	R	P	AT1	
041	CONF	01.02.02	Conference	2A	SFT	R	P	AT1	
042	STG-ADMIN	01.02.03	Storage	2C	SFT	R	P	AT1	
043	PREP	05.02.01	Prep	2A	SFT	R	P	AT1	
044	ENV SCIENCE	05.01.04	Environmental Science	2A	SFT	R	P	AT1	
045	STG-SCI	05.02.02	Storage	2C	SFT	R	P	AT1	
046	ART STUDIO	06.01.01	Art Studio	2A	SFT	R	P	AT1	
047	STG-ART			2C	SFT	R	P	AT1	
048	ELEC			4D-2	EP	-	P	-	
049	STG-COLLAB	03.02.04	Storage	2C	SFT	R	P	AT1	
049A	IDF			4D-1	EP	-	P	AT2	
050	MEN			4B	RF	RF	EP / CT	AT3	
051	JC	12.01.06	Custodial Closet	4D-1	EP	-	P	AT2	
052	WOMEN			4B	RF	RF	EP / CT	AT3	
061	GREENHOUSE 1	05.02.04	Greenhouse	5A	EP	-	EP	-	
100A	VEST			1A-2	REM	R	P	AT2 / P	
100B	LOBBY			1A-1	TZR	TZR	P	AT2 / P	
100C	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
100D	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
100F	CORRIDOR			1A-3	VST / REM	R	P	AT2 / P	
100G	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
100H	CORRIDOR			1A-2	REM	R	P	AT2 / P	
100J	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
101A	MAIN OFF RECEP	01.01.01	General Reception	2B	SFT	R	P	AT4	
101B	SECURITY	12.01.05	Security Office	2A	SFT	R	P	AT1	
101C	WORK	01.01.03	Workroom	2B	SFT	R	P	AT4	
101D	AD ASST	01.01.07	Admin Assistant	2B	SFT	R	P	AT4	
101E	FLEX OFF	01.01.08	Flex Office	2B	SFT	R	P	AT4	
101F	STG	01.01.04	Storage	2A	SFT	R	P	AT1	
101G	PRINCIPAL	01.01.06	Principal	2B	SFT	R	P	AT4	
101H	CONF	01.01.02	Conference	2B	SFT	R	P	AT4	
101J	PASSAGE	01.01.00	-	2B	SFT	R	P	AT4	
101K	TLT	12.02.01	Staff Toilet	4B	RF	RF	EP / CT	AT3	
101L	ATTEN	01.01.10	Attendance Office	2B	SFT	R	P	AT4	
101M	STOR-SEC	01.01.05	Secure Storage	2A	SFT	R	P	AT1	
101N	CLOS	01.01.11	Coat Closet	2A	SFT	R	P	AT1	
102A	GUID RECEP	02.01.02	Waiting/Reception	2B	SFT	R	P	AT4	
102B	STG	02.01.05	Storage	2A	SFT	R	P	AT1	
102C	CAREER	02.01.04	Career Center	2B	SFT	R	P	AT4	
102D	OFF	02.01.01	Office	2B	SFT	R	P	AT4	
102E	OFF	02.01.01	Office	2B	SFT	R	P	AT4	
102F	OFF	02.01.01	Office	2B	SFT	R	P	AT4	
102G	TEST	02.01.06	Testing	2B	SFT	R	P	AT4	
102H	CONF	02.01.03	Conference	2B	SFT	R	P	AT4	
102J	PASSAGE	02.01.00	-	2B	SFT	R	P	AT4	
102L	IDF			4D-1	EP	-	P	AT2	
103A	WAIT	02.02.01	Waiting Area	2A	SFT	R	P	AT1	
103B	NURSE	02.02.04	Office	2A	SFT	R	P	AT1	
103C	REST	02.02.03	Student Rest Area	2A	SFT	R	P	AT1	
103D	REST	02.02.03	Student Rest Area	2A	SFT	R	P	AT1	
103F	EXAM	02.02.02	Exam Rm / Treatment	2A	SFT	R	P	AT1	
103G	TLT	02.02.07	Student Toilet	4B	RF	RF	EP / CT	AT3	
103H	EXAM	02.02.02	Exam Rm / Treatment	2A	SFT	R	P	AT1	
103J	STG	02.02.05	Storage	2A	SFT	R	P	AT1	
103K	TLT	02.02.06	Student Toilet - Large	4B	RF	RF	EP / CT	AT3	
103L	PASSAGE	02.02.00	-	2A	SFT	R	P	AT1	
104	PASSAGE			2B	SFT	R	P	AT4	

ROOM FINISH SCHEDULE

NO.	NAME	Program _Number	Program_Name	Room Style	FLOOR	BASE	WALL	CEILING	Finish Note
104A	SP ED OFF	04.01.02	SE Office	2B	SFT	R	P	AT4	
104B	TLT	12.02.01	Staff Toilet	4B	RF	RF	EP / CT	AT3	
104C	ELEC			4D-2	EP	-	P	-	
104D	STG-SP ED	04.01.03	Records Storage	2A	SFT	R	P	AT1	
104E	FACULTY	01.03.01	Lounge	2B	SFT	R	P	AT4	
104F	FLEX OFF	01.01.08	Flex Office	2B	SFT	R	P	AT4	
104G	CLOS			1B/S	SFT	R	P	AT2 / P	
105A	MEDIA CENTER	10.01.01	Reading Room	3B	CPT	R	P	AT1 / P	
105B	PASSAGE	10.01.00	-	2A	SFT	R	P	AT1	
105C	PROJECT	10.01.07	Project Room	2A	SFT	R	P	AT1	
105D	STG	10.01.06	Gen Storage	2A	SFT	R	P	AT1	
106	FLEX SPACE	13.04.03	Community Flex Space	2A	SFT	R	P	AT1	
106A	PASSAGE	13.03.00	-	2A	SFT	R	P	AT1	
106B	CAREER READINESS	13.04.02	Career Readiness	2A	SFT	R	P	AT1	
107	PASSAGE	02.03.00	-	2B	SFT	R	P	AT4	
107A	FLEX OFF	02.03.03	Flex Office	2B	SFT	R	P	AT4	
107B	PSY OFF	02.03.01	Psychologist	2B	SFT	R	P	AT4	
107C	SW OFF	02.03.02	Social Worker	2B	SFT	R	P	AT4	
107D	PSY OFF	02.03.01	Psychologist	2B	SFT	R	P	AT4	
107E	SW OFF	02.03.02	Social Worker	2B	SFT	R	P	AT4	
107F	FLEX OFF	02.03.03	Flex Office	2B	SFT	R	P	AT4	
107G	FLEX OFF	02.03.03	Flex Office	2B	SFT	R	P	AT4	
107H	STG	02.03.04	Record Storage	2A	SFT	R	P	AT1	
107J	STG	02.03.04	Record Storage	2A	SFT	R	P	AT1	
108	JC	12.01.06	Custodial Closet	4D-1	EP	-	P	AT2	
109	SCH STORE	02.04.02	Student Services	2A	SFT	R	P	AT1	
109A	STG	02.04.02	Student Services	2A	SFT	R	P	AT1	
109B	SGA OFF	02.04.01	Student Services	2A	SFT	R	P	AT1	
109C	TLT	12.02.01	Staff Toilet	4B	RF	RF	EP / CT	AT3	
110	PASSAGE	13.03.00	-	2A	SFT	R	P	AT1	
112	ELEC			4D-2	EP	-	P	-	
113	PANTRY	13.03.01	Pantry	2A	SFT	R	P	AT1	
114	IDF		-	4D-1	EP	-	P	AT2	
115A	LAUN	13.03.03	Laundry / Towels	2A	SFT	R	P	AT1	
115B	CARE	13.04.02	Dressing Room	2A	SFT	R	P	AT1	
116	T/SH	13.03.02	Showers/Toilets	4B	RF	RF	EP / CT	AT3	
120	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
121A	CTE VEST	08.00.00	-	2A	SFT	R	P	AT1	
121B	STG - COLLAB	08.03.02	Storage	2A	SFT	R	P	AT1	
121C	CTE FLEX SPACE	08.00.01	Tech Ed Flex Space	3C-3	WDR / WD	VB	P	P	PAINT ALL EXPOSED DECK, STRUCTURE, PIPES, & DUCTWORK
121D	VEST			1B/S	SFT	R	P	AT2 / P	
122	CISCO LAB	08.03.01	Cisco Lab	3C-2	WDR / SFT	VB	P	AT1	
122A	STG - CISCO	08.03.02	Storage	2A	SFT	R	P	AT1	
123	GATEWAY CR	08.04.01	Gateway to Technology	3C-1	WDR	VB	P	AT1	
123A	STG-GTW			3C-1	WDR	VB	P	AT1	
124	PLTW CR	08.05.01	Project Lead the Way	3C-1	WDR	VB	P	AT1	
124A	STG-PLTW	08.04.02	Storage	3C-1	WDR	VB	P	AT1	
125	MEN			4B	RF	RF	EP / CT	AT3	
126	WOMEN			4B	RF	RF	EP / CT	AT3	
140	STG-FURN	11.01.02	Furniture Storage	2A	SFT	R	P	AT1	
141	DINING	11.01.01	Dining	3B	CPT	R	P	AT1 / P	
142	RCVG	11.02.00	Passage	5A	EP	-	EP	-	
142A	LKR	11.02.10	Lockers / Toilets	4A	RF	RF	EP	AT3	
142B	TLT	11.02.10	Lockers / Toilets	4B	RF	RF	EP / CT	AT3	
142C	OFF	11.02.03	Office	2A	SFT	R	P	AT1	
142D	JC/SOAP	11.02.08	Soap Storage	5A	EP	-	EP	-	
142E	DRY STOR	11.02.06	Dry Storage	5A	EP	-	EP	-	
142F	FREEZER	11.02.04	Walk-in Freezer	5B	-	-	-	-	
142G	COOLER	11.02.05	Walk-in Chiller	5B	-	-	-	-	
142H	DISH/TRAY	11.02.07	Dish Wash	4A	RF	RF	EP	AT3	
142J	KITCHEN	11.02.01	Kitchen	4A	RF	RF	EP	AT3	
142K	SERVE	11.02.02	Serving Area	4A	RF	RF	EP	AT3	
143	WOMEN			4B	RF	RF	EP / CT	AT3	
144	MEN			4B	RF	RF	EP / CT	AT3	
145	JC	12.01.06	Custodial Closet	4D-1	EP	-	P	AT2	
146	TICKETS	09.02.09	Concession / Tickets	2A	SFT	R	P	AT1	
147	IDF			4D-1	EP	-	P	AT2	
148	STG-PE	09.02.11	Indoor Stor	4D-2	EP	-	P	-	
149	ATHL DIR	09.02.06	Athletic Director's Office	2A	SFT	R	P	AT1	
150	REF LKR	09.02.14	Officials' Lockers	4A	RF	RF	EP	AT3	
151	REF LKR	09.02.14	Officials' Lockers	4A	RF	RF	EP	AT3	
152	LAUNDRY	09.02.08	Laundry / Towels	4A	RF	RF	EP	AT3	
153A	LKRS - WOMEN'S	09.02.01	Locker Room	4A	RF	RF	EP	AT3	
153B	OFFICE	09.02.04	PE Teacher/Coach Off	4A	RF	RF	EP	AT3	
153C	LKR/TLT	09.02.05	Coach Lockers/Toilet	4A	RF	RF	EP	AT3	
153D	TEAM - WOMEN'S	09.02.03	Team Room	4A	RF	RF	EP	AT3	
153E	SHWR - WOMEN'S	09.02.02	Showers	4C	RF	RF	CT	AT3	
153F	TLT - WOMEN'S	09.02.02	Toilet	4B	RF	RF	EP / CT	AT3	
154A	LKRS - MEN'S	09.02.01	Locker Room	4A	RF	RF	EP	AT3	
154B	OFFICE	09.02.05	PE Teacher/Coach Off	4A	RF	RF	EP	AT3	
154C	LKR/TLT	09.02.05	Coach Lockers/Toilet	4A	RF	RF	EP	AT3	
154D	TEAM - MEN'S	09.02.03	Team Room	4A	RF	RF	EP	AT3	
154E	SHWR - MEN'S	09.02.02	Showers	4C	RF	RF	CT	AT3	
154F	TLT - MEN'S	09.02.02	Toilet	4B	RF	RF	EP / CT	AT3	
155	GYMNASIUM	09.01.01	Gymnasium	3E	WD	VB	P	P	PAINT ALL EXPOSED DECK, STRUCTURE, PIPES, & DUCTWORK
156	AUXILIARY GYM	09.01.02	Auxillary Gym	3E	WD	VB	P	P	PAINT ALL EXPOSED DECK, STRUCTURE, PIPES, & DUCTWORK
200A	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
200B	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
200C	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
200F	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
200G	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
201A	CHEMISTRY	05.01.02	Chemistry	2A/S	SFT	R	P	AT1 / P	
201B	STG-CHEM	05.02.03	Chemical Storage	2A	SFT	R	P	AT1	
201C	PREP	05.02.01	Prep	2A	SFT	R	P	AT1	
202A	BIOLOGY	05.01.01	Biology	2A/S	SFT	R	P	AT1 / P	
202B	STG-BIO	05.02.02	Storage	2A	SFT	R	P	AT1	
202C	STG-COLLAB	03.02.04	Storage	3C-1	WDR	VB	P	AT1	
202D	COLLAB	03.02.01	Collaborative Learning	2A	SFT	R	P	AT1	
202E	COLLAB	03.02.01	Collaborative Learning	2A	SFT	R	P	AT1	
203	CLASSRM (Type 1B)	03.01.02	English	2A	SFT	R	P	AT1	
204A	CLASSRM (Type 2)	04.02.01	Pride Classroom	2A	SFT	R	P	AT1	
204B	CLASSRM (Type 3)	03.01.03	Math	2A	SFT	R	P	AT1	

ROOM FINISH SCHEDULE

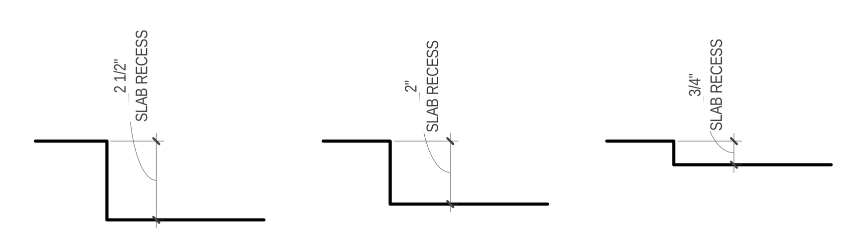
NO.	NAME	Program _Number	Program_Name	Room Style	FLOOR	BASE	WALL	CEILING	Finish Note
205	CLASSRM (Type 1C)	03.01.04	Social Studies	2A	SFT	R	P	AT1	
206	CLASSRM (Type 8)	03.01.03	Math	2A	SFT	R	P	AT1	
207	FOT LAB	08.01.01	Foundations of Tech	2A/S	SFT	R	P	AT1 / P	
207A	STG-FOT	08.01.02	Project/Material Storage	2A	SFT	R	P	AT1	
208	CLASSRM (Type 5)	07.01.01	Foreign Language	2A	SFT	R	P	AT1	
209	CLASSRM (Type 2)	04.02.01	Pride Classroom	2A	SFT	R	P	AT1	
209A	SE OFF	04.02.02	Pride Office	2A	SFT	R	P	AT1	
210	CLASSRM (Type 1B)	03.01.02	English	2A	SFT	R	P	AT1	
211	CLASSRM (Type 3)	04.02.01	Pride Classroom	2A	SFT	R	P	AT1	
212	CLASSRM (Type 1C)	03.01.04	Social Studies	2A	SFT	R	P	AT1	
213	CLASSRM (Type 2)	04.02.01	Pride Classroom	2A	SFT	R	P	AT1	
214	CLASSRM (Type 4)	04.01.01	Special Ed Classroom	2A	SFT	R	P	AT1	
215	WOMEN			4B	RF	RF	EP / CT	AT3	
216	TLT	12.02.01	Staff Toilet	4B	RF	RF	EP / CT	AT3	
217	MEN			4B	RF	RF	EP / CT	AT3	
218	ELEC			4D-2	EP	-	P	-	
219	IDF			4D-1	EP	-	P	AT2	
220	PHYSICS	05.01.05	Physics First	2A	SFT	R	P	AT1	
220A	PREP	05.02.01	Prep	2A	SFT	R	P	AT1	
221	PLANNING	03.02.03	Teacher Planning	2A	SFT	R	P	AT1	
221A	STG-COLLAB	03.02.04	Storage	2A	SFT	R	P	AT1	
222	JC	12.01.06	Custodial Closet	4D-1	EP	-	P	AT2	
223	RESOURCE	03.02.02	Resource	2A	SFT	R	P	AT1	
224	COLLAB LRN STAIR	03.02.01	Collaborative Learning	3D	CPT / SFT	VB	P	AMP / P	PAINT ALL EXPOSED DECK, STRUCTURE, PIPES, & DUCTWORK
225	TLT	12.02.01	Staff Toilet	4B	RF	RF	EP / CT	AT3	
226	OFFICE	01.02.02	Office/Conf	2A/S	SFT	R	P	AT1 / P	
227	VP OFF	01.02.01	Vice Principal/Admin	2A	SFT	R	P	AT1	
228	CLASSRM (Type 9)	03.01.03	Math	2A	SFT	R	P	AT1	
229	CLASSRM (Type 10)	03.01.04	Social Studies	2A	SFT	R	P	AT1	
230	CLASSRM (Type 11)	03.01.02	English	2A	SFT	R	P	AT1	
231	THEATER/DANCE CR	06.03.02	Black Box	2A/S	SFT	R	P	AT1 / P	
231A	STG	06.03.02	Black Box	2A	SFT	R	P	AT1	
232	CONTROL	06.03.03	Control Room	2A	SFT	R	P	AT1	
233	BIOLOGY	05.01.01	Biology	2A	SFT	R	P	AT1	
233A	PREP	05.02.01	Prep	2A	SFT	R	P	AT1	
240	MECH			4D-2	EP	-	P	-	
300B	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
300D	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
300E	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
300F	CORRIDOR			1B/S	SFT	R	P	AT2 / P	
301	ENV SCIENCE	05.01.04	Environmental Science	2A	SFT	R	P	AT1	
301A	CLASSRM-MS (Type 12)	03.01.05	Grades 6-7-8	2A	SFT	R	P	AT1	
302	CLASSRM (Type 1B)	03.01.05	Grades 6-7-8	2A	SFT	R	P	AT1	
303	CLASSRM (Type 1C)	03.01.05	Grades 6-7-8	2A	SFT	R	P	AT1	
304	CLASSRM (Type 1C)	03.01.05	Grades 6-7-8	2A	SFT	R	P	AT1	
305	CLASSRM (Type 1D)	03.01.05	Grades 6-7-8	2A	SFT	R	P	AT1	
306	CLASSRM (Type 5)	03.01.05	Grades 6-7-8	2A	SFT	R	P	AT1	
307	COLLAB	03.02.01	Collaborative Learning	2A	SFT	R	P	AT1	
308	RESOURCE	03.02.02	Resource	2A	SFT	R	P	AT1	
309	PLANNING	03.02.03	Teacher Planning	2A	SFT	R	P	AT1	
309A	PASSAGE			2A	SFT	R	P	AT1	
310	STG-COLLAB	03.02.04	Storage	2A	SFT	R	P	AT1	
311	CLASSRM (Type 1B)	03.01.05	Grades 6-7-8	2A	SFT	R	P	AT1	
312	CLASSRM (Type 1C)	03.01.02	English	2A	SFT	R	P	AT1	
313	CLASSRM (Type 1C)	03.01.04	Social Studies	2A	SFT	R	P	AT1	
314	CLASSRM (Type 2)	03.01.03	Math	2A	SFT	R	P	AT1	
315	CLASSRM	04.01.01	Special Ed Classroom	2A	SFT	R	P	AT1	
316	WOMEN			4B	RF	RF	EP / CT	AT3	
317	TLT	12.02.01	Staff Toilet	4B	RF	RF	EP / CT	AT3	
318	MEN			4B	RF	RF	EP / CT	AT3	
319	ELEC			4D-2	EP	-	P	-	
320	IDF			4D-1	EP	-	P	AT2	
321	PHYSICS	05.01.03	Physics	2A	SFT	R	P	AT1	
321A	STG-SCI	05.02.02	Storage	2A	SFT	R	P	AT1	
322	JC	12.01.06	Custodial Closet	4D-1	EP	-	P	AT2	
323	PLANNING	03.02.03	Teacher Planning	2A	SFT	R	P	AT1	
323A	STG-COLLAB	03.02.04	Storage	2A	SFT	R	P	AT1	
324	RESOURCE	03.02.02	Resource	2A	SFT	R	P	AT1	
324A	ROOF ACCESS			4D-2	EP	-	P	-	
325	TLT	12.02.01	Staff Toilet	4B	RF	RF	EP / CT	AT3	
326	COLLAB	03.02.01	Collaborative Learning	2A	SFT	R	P	AT1	
327	ART STUDIO 3D	06.01.02	Art Studio 3D	2A	SFT	R	P	AT1	
327A	KILN	06.01.05	Kiln/Ceramic Storage	2A	SFT	R	P	AT1	
328	ART STUDIO	06.01.01	Art Studio	2A	SFT	R	P	AT1	
328A	STG-ART	06.01.04	Storage	2A	SFT	R	P	AT1	
329	INSTR MUSIC	06.02.01	Intstrumental Music	2A	SFT	R	P	AT1	BASE BID SHOWN - ALSO SEE ALTERNATIVE A-A11
329A	STG-INSTR	06.02.04	Intstrument Storage	2A	SFT	R	P	AT1	
330	VOCAL MUSIC	06.02.02	Vocal Music	2A	SFT	R	P	AT1	BASE BID SHOWN - ALSO SEE ALTERNATIVE A-A11
E1-0	ELEV 1			1D	-	-	P	-	PAINT WALLS WHITE
E1-1	ELEV 1			1D	-	-	P	-	PAINT WALLS WHITE
E1-2	ELEV 1			1D	-	-	P	-	PAINT WALLS WHITE
E1-3	ELEV 1			1D	-	-	P	-	PAINT WALLS WHITE
E2-0	ELEV 2			1D	-	-	P	-	PAINT WALLS WHITE
E2-1	ELEV 2			1D	-	-	P	-	PAINT WALLS WHITE
SA1-0	STAIR A1-0			1C-N	R	R	P	AT2 / P	
SA1-1	STAIR A1-1			1C-N	R	R	P	AT2 / P	
SA1-2	STAIR A1-2			1C-N	R	R	P	AT2 / P	
SA2-0	STAIR A2-0			1C-E	TZ	TZ	P	AT2 / P	
SA2-1	STAIR A2-1			1C-E	TZ	TZ	P	AT2 / P	
SB1-0	STAIR B1-0			1C-E	TZ	TZ	P	AT2 / P	
SB1-1	STAIR B1-1			1C-E	TZ	TZ	P	AT2 / P	
SB1-2	STAIR B1-2			1C-E	TZ	TZ	P	AT2 / P	
SB1-3	STAIR B1-3			1C-E	TZ	TZ	P	AT2 / P	
SB2-0	STAIR B2-0			1C-E	TZ	TZ	P	AT2 / P	
SB2-1	STAIR B2-1			1C-E	TZ	TZ	P	AT2 / P	
SB2-2	STAIR B2-2			1C-E	TZ	TZ	P	AT2 / P	
SB2-3	STAIR B2-3			1C-E	TZ	TZ	P	AT2 / P	
SB3-1	STAIR B3-1			1C-N	R	R	P	AT2 / P	
SB3-2	STAIR B3-2			1C-N	R	R	P	AT2 / P	
SB3-3	STAIR B3-3			1C-N	R	R	P	AT2 / P	
SC1-1	STAIR C1-1			1C-E	TZ	TZ	P	AT2 / P	
SC1-2	STAIR C1-2			1C-E	TZ	TZ	P	AT2 / P	
SC1-3	STAIR C1-3			1C-E	TZ	TZ	P	AT2 / P	

ROOM STYLE SCHEDULE

Key	Key Description	Wall Finish	Base Finish	Floor Finish	Ceiling Finish
1A-1	ENTRY/ LOBBY 1	P	TZR	TZR	AT2 / P
1A-2	ENTRY / LOBBY 2	P	R	REM	AT2 / P
1A-3	ENTRY LOBBY 3	P	R	VST / REM	AT2 / P
1B	CIRCULATION - NO SOFFITS	P	R	SFT	AT2
1B/S	CIRCULATION - INCL SOFFITS	P	R	SFT	AT2 / P
1C-E	CIRCULATION - EXG STAIRS	P	TZ	TZ	AT2 / P
1C-N	CIRCULATION - NEW STAIRS	P	R	R	AT2 / P
1D	CIRCULATION - ELEVATORS	P	-	-	-
2A	STUDENT / STAFF SPACES, TYP	P	R	SFT	AT1
2A/S	STUDENT / STAFF SPACES - INCL SOFFITS	P	R	SFT	AT1 / P
2B	STUDENT / STAFF SPACES W/PART HT PARTITIONS	P	R	SFT	AT4
2C	STUDENT / STAFF STORAGE & SUPPORT	P	R	SFT	AT1
3A	DINING	P	R	SFT	AT2

ROOM STYLE SCHEDULE

Key	Key Description	Wall Finish	Base Finish	Floor Finish	Ceiling Finish
3B	MEDIA CENTER	P	R	CPT	AT1 / P
3C-1	CTE GATEWAY / FLEX	P	VB	WDR	AT1
3C-2	CTE CISCO	P	VB	WDR / SFT	AT1
3C-3	CTE PLTW	P	VB	WDR / WD	P
3D	LEARNING STAIR	P	VB	CPT / SFT	AMP / P
3E	GYMNASIUM	P	VB	WD	P
4A	KITCHEN / PE SUPPORT	EP	RF	RF	AT3
4B	TOILETS	EP / CT	RF	RF	AT3
4C	SHOWERS	CT	RF	RF	AT3
4D-1	SERVICE AREAS 1	P	-	EP	AT2
4D-2	SERVICE AREAS 2	P	-	EP	-
5A	GREENHOUSES	EP	-	EP	-
5B	UNFINISHED	-	-	-	-



TRANSITION TO WOOD FLOOR

TRANSITION TO CERAMIC FLOOR TILE

TRANSITION TO RECESSED ENTRY MAT

1 / A 601 FLOOR TRANSITIONS
SCALE: 3" = 1'-0"

FINISH ABBREVIATIONS LEGEND

3

AMP ACOUSTIC METAL PAN CEILING SYSTEM
AT1 ACOUSTIC PANEL CEILING TYPE 1 - 2x2
AT2 ACOUSTIC PANEL CEILING TYPE 2 - 2x4
AT3 ACOUSTIC PANEL CEILING TYPE 3 - 2x4 CERAMAGUARD
AT4 ACOUSTIC PANEL CEILING TYPE 4 - 2x4 HIGH CAC
CPT CARPET TILE
CT CERAMIC WALL TILE
EP EPOXY PAINT
P PAINT
R RUBBER (BASE, FLOOR, TREAD)
REM RECESSED ENTRY MAT
RF RESINOUS FLOORING
SFT SUSTAINABLE FLOOR TILE
TZ TERRAZZO - EXISTING REFINISHED
TZR EPOXY RESINOUS TERRAZZO
VB VENTED BASE
WD WOOD ATHLETIC FLOORING
WDR WOOD - EXISTING REFINISHED

JRS ARCHITECTS
2010 Clipper Park Rd.
Suite 101
Baltimore, MD 21211
410.235.7256

ASSOCIATE ARCHITECT
SCHRADERGROUP ARCHITECTURE LLC
161 LEVERINGTON AVE, SUITE 105
PHILADELPHIA, PA 19127

LANDSCAPE ARCHITECT
MAHAN RYKIEL ASSOCIATES
800 WYMAN PARK DR, SUITE 100
BALTIMORE, MD 21211

CIVIL ENGINEER
STV, INC.
7125 AMBASSADOR RD, SUITE 200
BALTIMORE, MD 21244

STRUCTURAL ENGINEER
ALBRECHT ENGINEERING
3500 BOSTON ST, SUITE 329
BALTIMORE, MD 21224

MEP ENGINEER
BRINJAC ENGINEERING
1800 N. CHARLES ST, SUITE 310
BALTIMORE, MD 21201

FOOD SERVICE
NYIKOS ASSOCIATES
18219A FLOWER HILL WAY
GAITHERSBURG, MD 20879

AV/IT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
3	5/3/16	ADDENDUM 4

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
ROOM FINISH SCHEDULE

A 601

7/28/2016 4:51:25 PM

DOOR SCHEDULE

NO.	TO:	TO:	WTH	HT	DOOR MTL	DOOR TYPE	FRAME MTL	FRAME TYPE	WALL THK	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	DOOR RATING	HDW SET	COMMENTS
001A	001A	ENTRY	6' - 0"	8' - 0"	AL	FG	AL	-						442	
001B-1	001B	CORRIDOR	6' - 0"	7' - 0"	WD	FG 5	HM	F4B	7 5/8"	H2	J2		5	444	
001D	001D	CORRIDOR	3' - 0"	7' - 0"	WD	F	HM	F1	1' - 0"	H3	J3			817	
001H	001H	PASSAGE	3' - 8"	7' - 0"	HM	F	HM	F1	7 5/8"	H2	J2		1.5 HR	102	
002-1	002	OFFICE / RECEP	3' - 0"	7' - 0"	WD	HG	HM	F4A	7 5/8"	H2	J2			510	
002-2	002	OFFICE / RECEP	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			510	
002A	002A	ADMIN ASST	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
002B	002B	PRINCIPAL	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
002C	002C	FLEX OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
002D	002D	CLOS	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			103	
003	003	MULTIPURP CLASSRM	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
003-1	003	MULTIPURP CLASSRM	3' - 0"	8' - 0"	AL	FG	AL	-						326	
004	004	CLASSRM (Type 6)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
004C	104C	ELEC	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			811	
005-1	005	PLANNING	3' - 0"	7' - 0"	WD	HG	HM	F4A	5 5/8"	H2	J2			510	
005-2	005	PLANNING	3' - 0"	7' - 0"	WD	HG	HM	F4A	5 5/8"	H2	J2			510	
006	006	RESOURCE	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
008	008	JC	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			817	
009	009	MEN	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			210	
010	010	WOMEN	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			210	
012	012	CLASSRM (Type 1A)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
013	013	CLASSRM (Type 7)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
014	014	CLASSRM (Type 1B)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
015	015	FACULTY	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			510	
016	016	TLT	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			913	
017	017	TRANSFORMER	3' - 0"	7' - 0"	WD	F	HM	F1	1' - 0"	H3	J3			811	
018	018	CLASSRM (Type 1A)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
019	019	MECH	6' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			813	
019A	019A	ELEC	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			811	
019B	019B	MDF	3' - 8"	7' - 0"	HM	F	HM	F1	7 5/8"	H2	J2			811	
020	020	CLASSRM (Type 4)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
021	021	FIRE PUMP	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2		1.5 HR	817	
022	022	STG-CENTRAL	3' - 8"	7' - 0"	HM	F	HM	F1	7 5/8"	H2	J2		1.5 HR	817	
022A1	022A	EMR	3' - 8"	7' - 0"	HM	F	HM	F1	7 5/8"	H2	J2		1.5 HR	817	
022A2	022A	EMR	3' - 8"	7' - 0"	HM	F	HM	F1	7 5/8"	H2	J2		1.5 HR	817	
023	023	LKR	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			913	
024	024	TLT/SHR	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			913	
025	025	ELEC	3' - 8"	7' - 0"	HM	F	HM	F1	7 5/8"	H2	J2			812	
026-1	026	MAIN ELEC	3' - 8"	7' - 0"	HM	F	HM	F1	1' - 4"	H4	J4			321A	
026-2	026	MAIN ELEC	3' - 8"	7' - 0"	HM	F	HM	F1	5 5/8"	H2	J2			811	
027	027	RECYCLE	3' - 8"	7' - 0"	HM	F	HM	F1	7 5/8"	H2	J2			817	
028-1	028	CAN WASH	3' - 8"	7' - 0"	HM	F	HM	F1	1' - 4"	H4	J4			321A	
028-2	028	CAN WASH	3' - 8"	7' - 0"	HM	F	HM	F1	7 5/8"	H2	J2			817	
029	029	STG	3' - 8"	7' - 0"	HM	F	HM	F1	1' - 4"	H4	J4			321A	
030	030	OFFICE	3' - 0"	7' - 0"	HM	FG	HM	F1	7 5/8"	H2	J2		1.5 HR	510	
031-1	031	RCVG	6' - 0"	7' - 0"	4 HM	F	HM	F1	1' - 4"	H4	J4			621	
031-2	031	RCVG	6' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2		1.5 HR	822	
040	040	VP OFFICE	3' - 0"	7' - 0"	WD	F	HM	F3A	9"	H3	J3			510	
041	041	CONF	3' - 0"	7' - 0"	WD	HG	HM	F4C	7 5/8"	H2	J2			510	
042	042	STG-ADMIN	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			817	
043	043	PREP	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			510	
044-1	044	ENV SCIENCE	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
044-2	044	ENV SCIENCE	3' - 0"	7' - 0"	WD	HG	HM	F4B	1' - 1"	H3	J3			713	
045	045	STG-SCI	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			817	
046-1	046	ART STUDIO	3' - 0"	7' - 0"	WD	HG	HM	F4A	7 5/8"	H2	J2			713	
046-2	046	ART STUDIO	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
047	047	STG-ART	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			817	
048	048	ELEC	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			811	
049	049	STG-COLLAB	3' - 0"	7' - 0"	WD	F	HM	F1	9"	H3	J3			817	
049A	049A	IDF	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			811	
050	050	MEN	3' - 0"	7' - 0"	WD	F	HM	F1	9"	H3	J3			210	
051	051	JC	3' - 0"	7' - 0"	WD	F	HM	F1	9"	H3	J3			817	
052	052	WOMEN	3' - 0"	7' - 0"	WD	F	HM	F1	9"	H3	J3			210	
061	061	GREENHOUSE 1	6' - 0"	7' - 0"	AL	FG	AL	-						321B	
100A	100A	VEST	6' - 0"	7' - 0"		FG								442	
100B	100B	LOBBY	6' - 0"	7' - 0"	AL	FG	AL	-						446	
100C	100C	CORRIDOR	6' - 8"	8' - 6"	WD	F	HM	F1	7 5/8"	H2	J2		90 MIN	320	
100D-1	100D	CORRIDOR	6' - 8"	8' - 6"	WD	F	HM	F1	7 5/8"	H2	J2		90 MIN	320	
100D-2	100D	CORRIDOR	6' - 0"	8' - 8"	WD	F	HM	F1	7 5/8"	H2	J2			320	
100D-3	100D	CORRIDOR	3' - 4"	8' - 8"	WD	N	HM	F1	7 5/8"	H2	J2			320A	
100F-2	100F	CORRIDOR	3' - 0"	8' - 0"	AL	FG	AL	-						441A	
100G	100G	CORRIDOR	6' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			320B	
100H-1	100H	CORRIDOR	6' - 6"	8' - 0"	AL	FG	AL	-						440	
100H-2	100H	CORRIDOR	6' - 6"	8' - 0"	AL	FG	AL	-						442	
100J	100J	CORRIDOR	6' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			320	
101A-1	101A	MAIN OFF RECEP	3' - 0"	7' - 0"	AL	FG	AL	-						513	
101A-2	101A	MAIN OFF RECEP	3' - 0"	7' - 0"	AL	FG	AL	-						510	
101B-1	101B	SECURITY	3' - 0"	7' - 0"	WD	N	HM	F1	4 7/8"	H1	J1			510	
101C-1	101C	WORK	3' - 0"	7' - 0"	WD	N	HM	F1	4 7/8"	H1	J1			510	
101D	101D	AD ASST	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
101E	101E	FLEX OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
101F	101F	STG	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			915	
101G	101G	PRINCIPAL	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
101H	101H	CONF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
101J-1	101J	PASSAGE	3' - 0"	7' - 0"	HM	F	HM	F1	7 5/8"	H2	J2			510	
101J-2	101J	PASSAGE	3' - 0"	7' - 0"	WD	N	HM	F1	4 7/8"	H1	J1			510	
101K	101K	TLT	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			913	
101L	101L	ATTEN	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
101M	101M	STOR-SEC	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			915	
101N	101N	CLOS	2' - 8"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			103	
102A	102A	GUID RECEP	3' - 0"	7' - 0"	WD	HG	HM	F4C	5 5/8"	H2	J2			510	
102B	102B	STG	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			915	
102C	102C	CAREER	3' - 0"	7' - 0"	HM	FG	HM	F1	4 7/8"	H1	J1			510	
102D	102D	OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
102E	102E	OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
102F	102F	OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
102G	102G	TEST	3' - 0"	7' - 0"	WD	F	HM	F3B	4 7/8"	H1	J1			510	
102H	102H	CONF	3' - 0"	7' - 0"	HM	FG	HM	F1	4 7/8"	H1	J1			510	
102J-1	102J	PASSAGE	3' - 0"	7' - 0"	HM	FG	HM	F1	5 5/8"	H2	J2			510	
102J-2	102J	PASSAGE	3' - 0"	7' - 0"	WD	N	HM	F1	4 7/8"	H1	J1			510	
102L	102L	IDF	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			811	
103A	103A	WAIT	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			510	
103B	103B	NURSE	3' - 0"	7' - 0"	WD	F	HM	F3B	4 7/8"	H1	J1			510	
103F	103F	EXAM	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			510	
103G	103G	TLT	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			914	
103H	103H	EXAM	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			510	
103J	103J	STG	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
103K	103K	TLT	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			913	
103L	103L	PASSAGE	3' - 0"	7' - 0"	WD	HG	HM	F1	4 7/8"	H1	J1			510	
104	104	PASSAGE	3' - 0"	7' - 0"	WD	HG	HM	F1	7 5/8"	H2	J2			510	
104A	104A	SP ED OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
104B	104B	TLT	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			913	
104D	104D	STG-SP ED	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			915	
104E	104E	FACULTY	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
104F	104F	FLEX OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
104G	104G	CLOS	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			915	
105A	105A	MEDIA CENTER	6' - 0"	7' - 0"	AL		AL	-						725	
105B-1	105B	PASSAGE	3' - 0"	7' - 0"	WD	F	HM	F3A	7 5/8"	H2	J2			510	
105B-2	105B	PASSAGE	3' - 0"	7' - 0"	WD	HG	HM	F1	4 7/8"	H1	J1			104	
105C	105C	PROJECT	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			510	
105D	105D	STG	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
106-1	106	FLEX SPACE	3' - 0"	7' - 0"	AL	FG	AL	-						314	
106-2	106B	CAREER READINESS	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			104	
106A			3' - 0"	7' - 0"	AL	FG	AL	-						441A	
106B	106B	CAREER READINESS	3' - 0"	7' - 0"	WD	N	HM	F1	7 5/8"	H2	J2		1.5 HR	104	
107	107	PASSAGE	3' - 0"	7' - 0"	WD	F	HM	F3A	7 5/8"	H2	J2			510	
107A	107A	FLEX OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
107B	107B	PSY OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
107C	107C	SW OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	

DOOR SCHEDULE

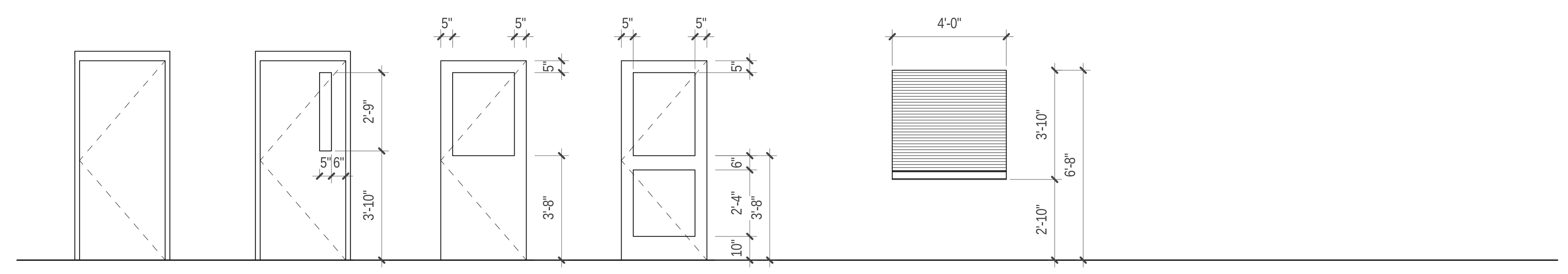
NO.	TO:	TO:	WTH	HT	DOOR MTL	DOOR TYPE	FRAME MTL	FRAME TYPE	WALL THK	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	DOOR RATING	HDW SET	COMMENTS
107D	107D	PSY OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
107E	107E	SW OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
107F	107F	FLEX OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
107G	107G	FLEX OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
107H	107H	STG	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
107J	107J	STG	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
108	108	JC	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			817	
109-1	109	SCH STORE	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			510	
109-2	109	SCH STORE	4' - 0"	3' - 10"										101	OVERHEAD COILING DOOR
109A	109A	STG	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
109B	109B	SGA OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	7 5/8"	H2	J2			510	
109C	109C	TLT	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			913	
110-1			3' - 4"	7' - 0"	WD	F	HM	F1	4 1/4"	H1	J1			510	
110-2	110	PASSAGE	3' - 0"	7' - 0"	WD	N	HM	F1	7 5/8"	H2	J2		1.5 HR	510	
112	112	ELEC	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			811	
113	113	PANTRY	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
114	114	IDF	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			811	
115A	115A	LAUN	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
115B	115B	CARE	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
116	116	T/SH	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			914	
120-1	120	CORRIDOR	6' - 0"	8' - 8"	WD	F	HM	F1	2' - 1"					320	
121A	121A	CTE VEST	3' - 4"	7' - 0"	AL	HL	AL	-						713	
121B	121B	STG - COLLAB	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
122-1	122	CISCO LAB	3' - 0"	7' - 8"	AL	FG	HM	-		H1 4	J1			713	
122-2	122	CISCO LAB	3' - 0"	7' - 8"	AL	FG	HM	-		H1 4	J1			713	
122A	122A	STG - CISCO	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
123-1	123	GATEWAY CR	3' - 0"	7' - 8"	AL	FG	HM	-		H1 4	J1			713	
123-2	123	GATEWAY CR	3' - 0"	7' - 8"	AL	FG	HM	-		H1 4	J1			713	
123-3	123	GATEWAY CR	2' - 4"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	ACCESS DOOR
123A	123A	STG-GTW	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
124	124	PLTW CR	3' - 0"	7' - 8"	WD	FG	HM	-		H1 4	J1			713	
124A	124A	STG-PLTW	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			817	
125	125	MEN	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			210	
126	126	WOMEN	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			210	
140	140	STG-FURN	3' - 6"	7' - 0"	WD	F	HM	F1	4 1/4"	H1	J1			817	
141-1	141	DINING	6' - 4"	7' - 0"	AL	FG	AL	-						445	
141-2	141	DINING	6' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			445	
141-3			25' - 0"	10' - 0"										101	SIDE FOLDING DOOR
141-4			25' - 0"	10' - 0"										101	SIDE FOLDING DOOR
142	142	RCVG	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			512	
142A	142A	LKR	3' - 0"	7' - 0"	WD	CO	HM	F1	7 5/8"					210	
142B	142B	TLT	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			913	
142C	142C	OFF	3' - 0"	7' - 0"	WD	HG	HM	F1	7 5/8"	H2	J2			510	
142D	142D	JC/SOAP	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			817	
142E	142E	DRY STOR	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			817	
143	143	WOMEN	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			210	
144	144	MEN	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			210	
145	145	JC	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			817	
146-1	146	TICKETS	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			510	
146-2	146	TICKETS	4' - 0"	3' - 10"										101	OVERHEAD COILING DOOR
147	147	IDF	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			811	
148-1	148	STG-PE	3' - 6"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			817	
148-2	148	STG-PE	6' - 0"	7' - 0"	4 HM	F	HM	F1	1' - 4"	H4	J4			321	
149	149	ATHL DIR	3' - 0"	7' - 0"	WD	F	HM	F3A	7 5/8"	H2	J2			510	
150	150	REF LKR	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			510	
151	151	REF LKR	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			510	
152	152	LAUNDRY	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			817	
153A	153A	LKRS - WOMEN'S	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			211	
153B-1	153B	OFFICE	3' - 0"	7' - 0"	WD	F	HM	F3A	5 5/8"	H2	J2			510	
153B-2	153B	OFFICE	3' - 0"	7' - 0"	WD	F	HM	F3A	5 5/8"	H2	J2			510	
153C	153C	LKR/TLT	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			913	
153D	153D	TEAM - WOMEN'S	3' - 0"	7' - 0"	WD	N	HM	F1	5 5/8"	H2	J2			211	
154A	154A	LKRS - MEN'S	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			211	
154B-1	154B	OFFICE	3' - 0"	7' - 0"	WD	F	HM	F3A	5 5/8"	H2	J2			510	
154B-2	154B	OFFICE	3' - 0"	7' - 0"	WD	F	HM	F3A	5 5/8"	H2	J2			510	
154C	154C	LKR/TLT	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			913	
154D	154D	TEAM - MEN'S	3' - 0"	7' - 0"	WD	N	HM	F1	5 5/8"	H2	J2			211	
155-1	155	GYMNASIUM	6' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			325	
155-2	155	GYMNASIUM	6' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			325	
155-3	155	GYMNASIUM	6' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			325	
155-4	155	GYMNASIUM	3' - 10"	7' - 4"	AL	FG	AL	-						323A	
155-5	155	GYMNASIUM	3' - 10"	7' - 4"	AL	FG	AL	-						323A	
156-1	156	AUXILIARY GYM	6' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			325	
156-2	156	AUXILIARY GYM	6' - 0"	7' - 0"	4 HM	F	HM	F1	1' - 6"	H4	H4	S4		323	
3 160	001I	GREENHOUSE 2	6' - 0"	7' - 0"	AL	FG	AL	-						321B	
201A-1	200A	CORRIDOR	3' - 0"	7' - 0"	WD	HG	HM	F4B	5 5/8"	H2	J2			713	
201A-2	200A	CORRIDOR	3' - 0"	7' - 0"	WD	HG	HM	F4B	5 5/8"	H2	J2			713	
201A-3	201A	CHEMISTRY	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			713	
201A-4	324	RESOURCE	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
201B-1	201B	STG-CHEM	3' - 0"	7' - 0"	WD	N	HM	F1	4 7/8"	H1	J1			817	
201B-2	201B	STG-CHEM	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
201C-1	201C	PREP	3' - 0"	7' - 0"	WD	HG	HM	F1	4 7/8"	H1	J1			713	
201C-2	201C	PREP	3' - 0"	7' - 0"	WD	HG	HM	F1	4 7/8"	H1	J1			713	
202B-1	202B	STG-BIO	3' - 0"	7' - 0"	WD	N	HM	F1	4 7/8"	H1	J1			817	
202B-2	202B	STG-BIO	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
202C	202C	STG-COLLAB	3' - 0"	7' - 0"	WD	N	HM	F1	5 5/8"	H2	J2			915	
203	203	CLASSRM (Type 1B)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
204A	204A	CLASSRM (Type 2)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
204B	204B	CLASSRM (Type 3)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
205	205	CLASSRM (Type 1C)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
206	206	CLASSRM (Type 8)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
207	207	FOT LAB	3' - 0"	7' - 0"	WD	HG	HM	F4A	7 5/8"	H2	J2			713	
207A	207A	STG-FOT	3' - 0"	7' - 0"	WD	HG	HM	F1	4 7/8"	H1	J1			817	
208	208	CLASSRM (Type 5)	3' - 0"	7' - 0"	WD	HG	HM	F4A	7 5/8"	H2	J2			713	
209	200A	CORRIDOR	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
209A-1	209A	SE OFF	3' - 0"	7' - 0"	HM		HM	F1	7 5/8"	H2	J2			510	
209A-2	209A	SE OFF	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			510	
209A-3	209A	SE OFF	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			510	
210	210	CLASSRM (Type 1B)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
211-1	211	CLASSRM (Type 3)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
211-2	211	CLASSRM (Type 3)	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			713	
212	212	CLASSRM (Type 1C)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
213	213	CLASSRM (Type 2)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
213-2	213	CLASSRM (Type 2)	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			713	
214	214	CLASSRM (Type 4)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
215	215	WOMEN	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			210	
216	216	TLT	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			913	
217	217	MEN	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			210	
218	218	ELEC	3' - 8"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			811	
219	219	IDF	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			811	
220-1	220	PHYSICS	3' - 0"	7' - 0"	WD	HG	HM	F4A	4 7/8"	H1	J1			713	
220-2	220	PHYSICS	3' - 0"	7' - 0"	WD	HG	HM	F4A	4 7/8"	H1	J1			713	
220A	220A	PREP	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			713	
221	221	PLANNING	3' - 0"	7' - 0"	WD	HG	HM	F4A	4 7/8"	H1	J1			510	
221A	221A	STG-COLLAB	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			915	
222	222	JC	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			817	
223	223	RESOURCE	3' - 0"	7' - 0"	WD	HG	HM	F4C	7 5/8"	H2	J2			713	
224-1	224	COLLAB LRN STAIR	3' - 0"	7' - 0"	AL	HL	AL	-						713A	
224-2	224	COLLAB LRN STAIR	3' - 0"	7' - 0"	AL	HL	AL	-						713A	
225	225	TLT	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			913	
226	226	OFFICE	3' - 0"	7' - 0"	WD	HG	HM	F1	7 1/4"	H1	J1			510	
227	227	VP OFF	3' - 0"	7' - 0"	WD	F	HM	F3A	5 5/8"	H2	J2			510	
228	228	CLASSRM (Type 9)	3' - 0"	7' - 0"	WD	F	HM	F3A	7 5/8"	H2	J2			713	
229	229	CLASSRM (Type 10)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
230	230	CLASSRM (Type 11)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
231-1	231	THEATER/DANCE CR	6' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			717	
231-2	231	THEATER/DANCE CR	3' - 0"	7' - 0"	WD	HG	HM	F1	7 5/8"	H2	J2			716	
231A	231A	STG	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
232	232	CONTROL	3' - 0"	7' - 0"	WD	HG	HM	F1	4 7/8"	H1	J1			715	

DOOR SCHEDULE

NO.	TO:	TO:	WTH	HT	DOOR MTL	DOOR TYPE	FRAME MTL	FRAME TYPE	WALL THK	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	DOOR RATING	HDW SET	COMMENTS
233-1	233	BIOLOGY	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
233-2	233	BIOLOGY	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
233A	233A	PREP	3' - 0"	7' - 0"	WD	HG	HM	F1	4 7/8"	H1	J1			713	
301-1	301	ENV SCIENCE	3' - 0"	7' - 0"	WD	HG	HM	F4A	7 5/8"	H2	J2			713	
301-2	301	ENV SCIENCE	3' - 0"	7' - 0"	WD	HG	HM	F4A	7 5/8"	H2	J2			713	
301A	301A	CLASSRM-MS (Type 12)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
302	302	CLASSRM (Type 1B)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
303	303	CLASSRM (Type 1C)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
304	304	CLASSRM (Type 1C)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
305	305	CLASSRM (Type 1D)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
306	306	CLASSRM (Type 5)	3' - 0"	7' - 0"	WD	HG	HM	F4A	4 7/8"	H1	J1			713	
308	308	RESOURCE	3' - 0"	7' - 0"	WD	HG	HM	F4B	4 7/8"	H1	J1			713	
309	309	PLANNING	3' - 0"	7' - 0"	WD	F	HM	F3A	4 7/8"	H1	J1			510	
309A	309A	PASSAGE	3' - 0"	7' - 0"	WD	HG	HM	F1	4 7/8"	H1	J1			510	
310	310	STG-COLLAB	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
311	311	CLASSRM (Type 1B)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
312	312	CLASSRM (Type 1C)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
313	313	CLASSRM (Type 1C)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
314	314	CLASSRM (Type 2)	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
315	315	CLASSRM	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
316	316	WOMEN	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			210	
317	317	TLT	3' - 0"	7' - 0"	WD	F	HM	F1	5 5/8"	H2	J2			913	
318	318	MEN	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			210	
319	319	ELEC	3' - 8"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			811	
320	320	IDF	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			811	
321-1	321	PHYSICS	3' - 0"	7' - 0"	WD	HG	HM	F4A	4 7/8"	H1	J1			713	
321-2	321	PHYSICS	3' - 0"	7' - 0"	WD	HG	HM	F4A	7 5/8"	H2	J2			713	
321A	321A	STG-SCI	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
322	322	JC	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			817	
323	323	PLANNING	3' - 0"	7' - 0"	WD	HG	HM	F4A	4 7/8"	H1	J1			510	
323A	323A	STG-COLLAB	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			915	
324A	324A	ROOF ACCESS	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			817	
325	325	TLT	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			913	
327-1	327	ART STUDIO 3D	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
327-2	327	ART STUDIO 3D	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	

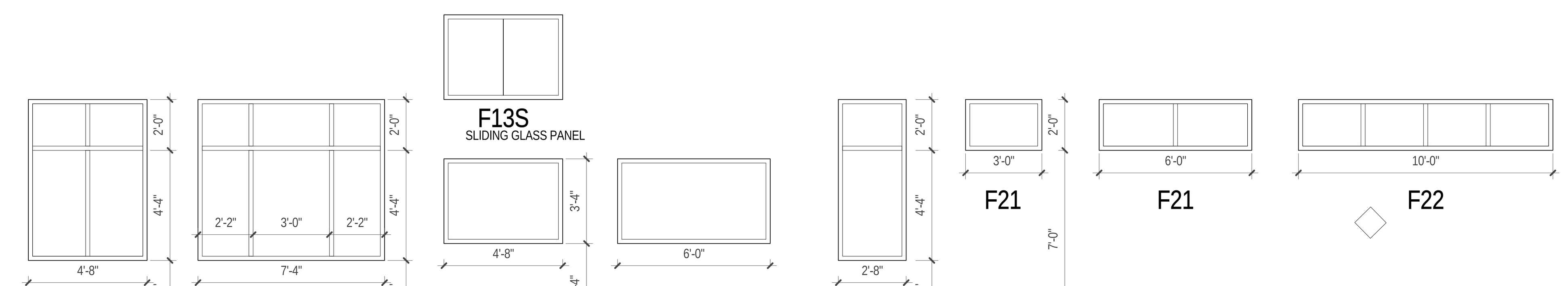
DOOR SCHEDULE

NO.	TO:	TO:	WTH	HT	DOOR MTL	DOOR TYPE	FRAME MTL	FRAME TYPE	WALL THK	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	DOOR RATING	HDW SET	COMMENTS
327A	327A	KILN	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
328-1	328	ART STUDIO	3' - 0"	7' - 0"	WD	HG	HM	F4B	7 5/8"	H2	J2			713	
328-2	328	ART STUDIO	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			713	
328A-1	328A	STG-ART	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
328A-2	328A	STG-ART	3' - 0"	7' - 0"	WD	F	HM	F1	4 7/8"	H1	J1			817	
329-1	329	INSTR MUSIC	3' - 4"	7' - 0"	WD	N	HM	F1	7 5/8"	H2	J2			712	
329-2	329	INSTR MUSIC	3' - 4"	7' - 0"	WD	N	HM	F1	7 5/8"	H2	J2			712	
329-3	329	INSTR MUSIC	3' - 0"	7' - 0"	4 HM	F	HM	F1	1' - 4"	H3	J3			321A	
329A-1	329A	STG-INSTR	3' - 0"	7' - 0"	WD	F	HM	F1	5 1/2"	H1	J1			712	
329A-2	329A	STG-INSTR	3' - 0"	7' - 0"	WD	F	HM	F1	5 1/2"	H1	J1			712	
330	330	VOCAL MUSIC	3' - 0"	7' - 0"	WD	F	HM	F1	7 5/8"	H2	J2			712	
SA1-0A	SA1-0	STAIR A1-0	6' - 0"	7' - 0"	4 HM	F	HM	F1	1' - 5"	H3 4	J3			441	
SA1-0B	SA1-0	STAIR A1-0	6' - 0"	7' - 0"	WD	F	HM	F1	9"	H3	J3		1.5 HR	324	
SA1-1	SA1-1	STAIR A1-1	3' - 0"	7' - 0"	WD	N	HM	F1	9"	H3	J3		1.5 HR	326	
SA1-2	SA1-2	STAIR A1-2	3' - 0"	7' - 0"	WD	F	HM	F1	9"	H3	J3		1.5 HR	811	
SA2-0A	SA2-0	STAIR A2-0	6' - 0"	7' - 0"	HM	F	HM	F2						441	
SA2-0B	SA2-0	STAIR A2-0	3' - 0"	7' - 0"	WD	4 N	HM	F1	5 5/8"				1 HR	326	
SA2-1	SA2-1	STAIR A2-1	3' - 0"	7' - 0"	WD	N	HM	F1	1' - 2"	H3	J3		1 HR	326	
SB1-0A	SB1-0	STAIR B1-0	6' - 0"	7' - 0"	HM	F	HM	F1	2' - 1"					441	
SB1-0B	SB1-0	STAIR B1-0	3' - 6"	7' - 0"	4 WD	N	HM	F1	7 5/8"	H2	J2		1.5 HR	326	
SB1-1	SB1-1	STAIR B1-1	6' - 8"	8' - 6"	WD	F	HM	F1	7 5/8"	H2	J2		1.5 HR	324	
SB1-2	SB1-2	STAIR B1-2	6' - 8"	8' - 6"	WD	F	HM	F1	7 5/8"	H2	J2		1.5 HR	324	
SB1-3	SB1-3	STAIR B1-3	6' - 8"	8' - 6"	WD	F	HM	F1	7 5/8"	H2	J2		1.5 HR	324	
SB2-0A	SB2-0	STAIR B2-0	6' - 0"	7' - 0"	HM	F	HM	F1	2' - 1"					441	
SB2-0B	SB2-0	STAIR B2-0	3' - 6"	7' - 0"	4 WD	N	HM	F1	7 5/8"	H2	J2		1.5 HR	326	
SB2-1	SB2-1	STAIR B2-1	6' - 8"	8' - 6"	WD	F	HM	F1	7 5/8"	H2	J2		1.5 HR	324	
SB2-2	SB2-2	STAIR B2-2	6' - 8"	8' - 6"	WD	F	HM	F1	7 5/8"	H2	J2		1.5 HR	324	
SB2-3	SB2-3	STAIR B2-3	6' - 8"	8' - 6"	WD	F	HM	F1	7 5/8"	H2	J2		1.5 HR	324	
SB3-1	SB3-1	STAIR B3-1	3' - 0"	7' - 0"	WD	N	HM	F1	7 5/8"	H2	J2			326	
SB3-2	SB3-2	STAIR B3-2	3' - 0"	7' - 0"	WD	N	HM	F1	7 5/8"	H2	J2		1.5 HR	326	
SB3-3	SB3-3	STAIR B3-3	3' - 0"	7' - 0"	WD	N	HM	F1	7 5/8"	H2	J2		1.5 HR	326	
SC1-1A	SC1-1	STAIR C1-1	6' - 0"	8' - 8"	WD	F	HM	F1	7 5/8"	H2	J2		1.5 HR	324	
SC1-1B	SC1-1	STAIR C1-1	6' - 0"	7' - 0"	HM	F	HM	F1	1' - 4"	H3 4	J3			441	
SC1-2	SC1-2	STAIR C1-2	6' - 0"	8' - 8"	4 WD	F	HM	F1	7 5/8"	H2	J2		1.5 HR	324	
SC1-3	SC1-3	STAIR C1-3	6' - 8"	8' - 6"	WD	F	HM	F1	7 5/8"	H2	J2		1.5 HR	324	

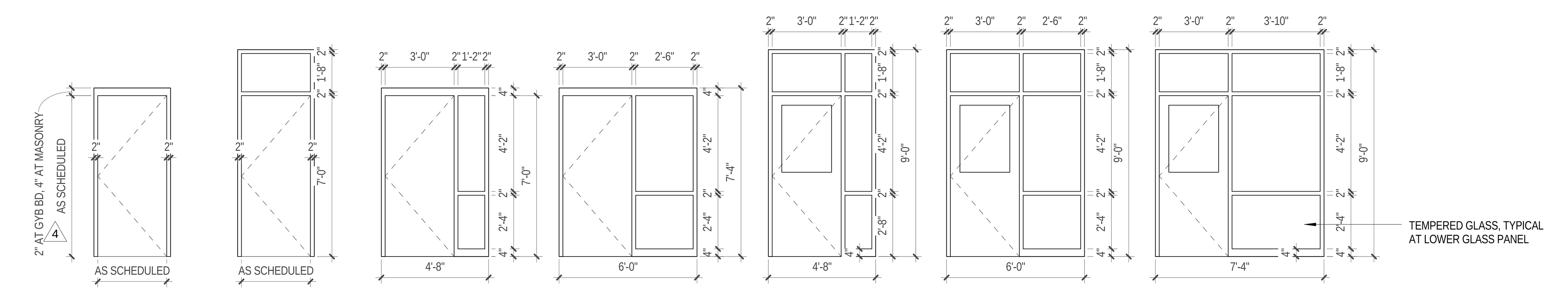


F N HG FG OH

DOOR TYPES



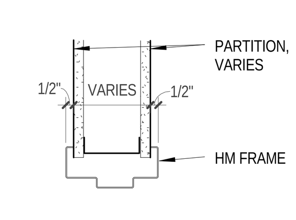
F11 F12 F13 F14 F15 F21 F21 F22



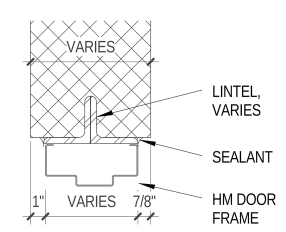
F1 F2 F3A F3B F4A F4B F4C

FRAME TYPES

1 (A 602) SCHEDULE ELEVATION - DOORS / FRAMES
SCALE: 1/4" = 1'-0"



H1. HEAD



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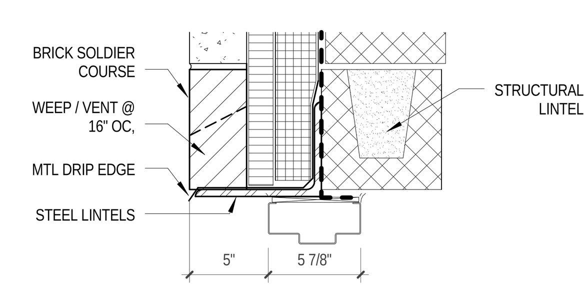
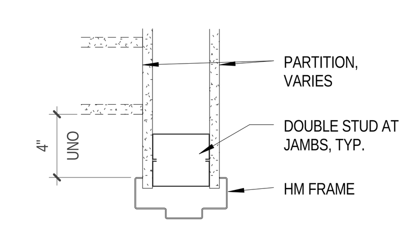
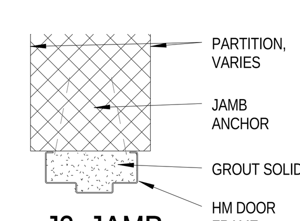


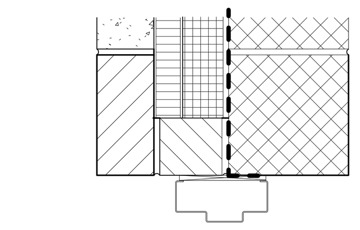
H3. HEAD



J1. JAMB



J2. JAMB



J3. JAMB

2 (A 602) DOOR DTLS
SCALE: 1 1/2" = 1'-0"

NOTES:
SWING DOOR WITHIN 10 INCHES OF THE FINISHED FLOOR SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR.

JRS ARCHITECTS
2010 Clipper Park Rd.
Suite 101
Baltimore, MD 21211
410.235.7256

ASSOCIATE ARCHITECT
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PHILADELPHIA, PA 19127

LANDSCAPE ARCHITECT
MAHAN RYKIEL ASSOCIATES
800 WYMAN PARK DR, SUITE 100
BALTIMORE, MD 21211

CIVIL ENGINEER
STV, INC.
7125 AMBASSADOR RD, SUITE 200
BALTIMORE, MD 21244

STRUCTURAL ENGINEER
ALBRECHT ENGINEERING
3500 BOSTON ST, SUITE 329
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MEP ENGINEER
BRINJAC ENGINEERING
1800 N. CHARLES ST, SUITE 310
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FOOD SERVICE
NYIKOS ASSOCIATES
18219A FLOWER HILL WAY
GAITHERSBURG, MD 20879

AV/IT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
3	5/3/16	ADDENDUM 4
4	5/6/16	ADDENDUM 5
5	6/7/16	POST BID ADDENDUM

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
DOOR SCHEDULE, FRAMES, DETAILS

A 602

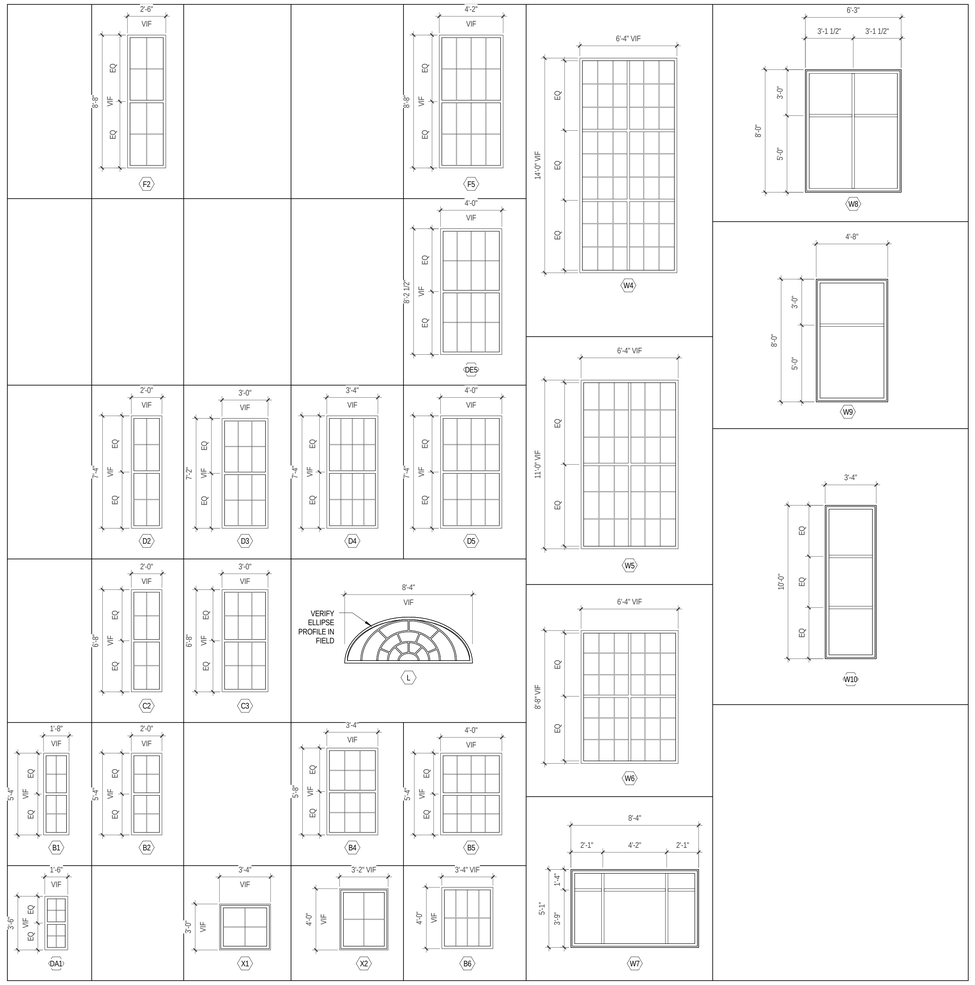
7/28/2016 4:51:41 PM

WINDOW SCHEDULE				
TYPE	WIDTH	HEIGHT	DETAILS (HEAD & SILL / JAMB)	COMMENTS
B1	1' - 8"	5' - 4"	2 / 4 - A 604	
B2	2' - 0"	5' - 4"	2 / 4 - A 604	
B4	3' - 4"	5' - 8"	2 / 4 - A 604	
B5	4' - 0"	5' - 4"	2 / 4 - A 604	
B6	3' - 4"	4' - 0"	1 / 3 - A 604	
C2	2' - 0"	6' - 8"	1 / 3 - A 604	
C3	3' - 0"	6' - 8"	1 / 3 - A 604	
D2	2' - 0"	7' - 4"	1 / 3 - A 604	
D3	3' - 0"	7' - 2"	5 / 3 - A 604	
D4	3' - 4"	7' - 4"	1 / 3 - A 604 & 2 / 4 - A 604	SEE ELEVATIONS FOR APPLICATION OF MASONRY VS. STONE SURROUND DETAIL
D5	4' - 0"	7' - 4"	2 / 4 - A 604	
DA1	1' - 6"	3' - 6"	2 / 4 - A 604	
DE5	4' - 0"	8' - 2 1/2"	2 / 4 - A 604	
F2	2' - 6"	8' - 8"	1 / 3 - A 604	
F5	4' - 2"	8' - 8"	1 / 3 - A 604	DETAIL 6 - A 604 APPLIES AT BLDG B, WEST ELEVATION, SEE NEW WORK ELEVATIONS
L	8' - 4"	6' - 10"		
W1	6' - 0"	7' - 4"	7 / 8 - A 604	
W2	6' - 8"	7' - 4"	7 / 8 - A 604	
W3	7' - 4"	7' - 4"	7 / 8 - A 604	
W4	6' - 4"	14' - 0"	1 / 3 - A 604	
W5	6' - 4"	11' - 0"	1 / 3 - A 604	
W6	6' - 4"	8' - 8"	1 / 3 - A 604	
W7	8' - 4"	5' - 1"	7 SIM / 8 - A 604	
W8	6' - 3"	8' - 0"	11 - A 411 / 8 SIM - A 604	
W9	4' - 8"	8' - 0"	11 - A 411 / 8 SIM - A 604	
W10	3' - 4"	10' - 0"	1 / 3 - A 604	
X1	3' - 4"	3' - 0"	1 / 3 - A 604	
X2	3' - 2"	4' - 0"	5 / 3 - A 604	

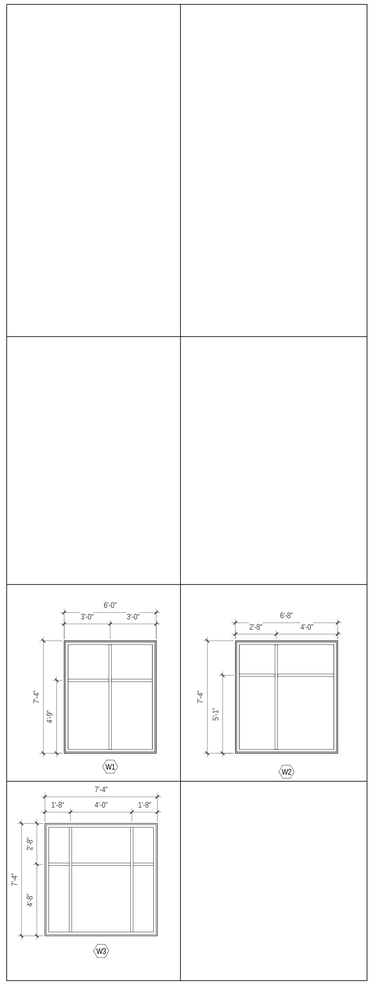
3 1

GENERAL NEW WORK NOTES

A. FIELD VERIFY ALL DIMENSIONS
B. GLAZING IS 1" CLEAR TEMPERED INSULATED UNITS UNLESS OTHERWISE NOTED.
C. PROVIDE TEMPERED GLAZING WHERE SHOWN AND AT LOCATIONS REQUIRING SAFETY GLAZING.
D. PROVIDE FROSTED GLAZING AT ALL TOILET AND LOCKER ROOMS.
E. PROVIDE INSULATED METAL PANEL AT ALL WINDOW PENETRATIONS FOR DUCTWORK, WINDOW A/C UNITS AND OTHER ACCESSORIES.
F. WINDOW MOUNTED LOUVERS AND WINDOW A/C UNITS ARE SHOWN SCHEMATICALLY. FIELD MEASURE FOR OPENING REQUIRED IN INSULATED METAL PANEL.
G. PROVIDE SUPPORT ANGLES AS REQUIRED TO MOUNT SALVAGED A/C UNITS IN INSULATED PANELS. SEAL ALL OPENINGS IN PANELS.
H. PROVIDE BLANK OFF PANELS AT PORTIONS OF LOUVERS NOT USED BY DUCTWORK.
I. ALL EXISTING LOUVERS AND FANS MOUNTED IN WINDOWS ARE TO BE REUSED UNLESS NOTED OTHERWISE.
J. ALL SILLS, HEADS, AND JAMBS TO BE CLEANED AND REPAIRED PER THE SPECIFICATIONS PRIOR TO WINDOW INSTALLATION.
K. ALL ALUMINUM BRAKE METAL SHALL BE FINISHED TO MATCH ALUMINUM CLADDING.
L. CLEAN AND REPAIR MASONRY AND CAST STONE WITHIN 8' OF ALL WINDOW OPENINGS. FEATHER OUT TO BLEND EDGES.
M. PROVIDE NEW GALVANIZED STEEL GRATING AND SUPPORT ANGLES AT ALL WINDOW WELLS.
N. ALL WINDOWS, NEW AND EXISTING OPENINGS, SHALL BE PROVIDED WITH NEW, ROOM-DARKENING ROLLER SHADES, EXCEPT IN CORRIDORS OR AS NOTED OTHERWISE



NEW WINDOWS IN EX BLDGS



NEW WINDOWS IN ADDITIONS

1 A 603 SCHEDULE ELEVATION - WINDOW TYPES
SCALE: 1/4" = 1'-0"

JRS ARCHITECTS
2010 Clipper Park Rd.
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PHILADELPHIA, PA 19127

LANDSCAPE ARCHITECT
MAHAN RYKIEL ASSOCIATES
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BALTIMORE, MD 21211

CIVIL ENGINEER
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STRUCTURAL ENGINEER
ALBRECHT ENGINEERING
3500 BOSTON ST, SUITE 329
BALTIMORE, MD 21224

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BRUNJAC ENGINEERING
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NYIKOS ASSOCIATES
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GAITHERSBURG, MD 20879

AVIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
3	5/3/16	ADDENDUM 4

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/4" = 1'-0"
DRAWING NAME
WINDOW SCHEDULE

A 603

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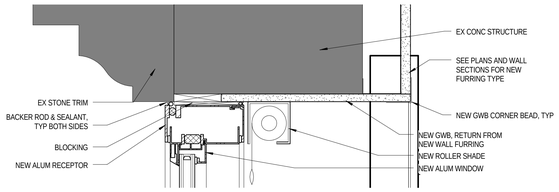
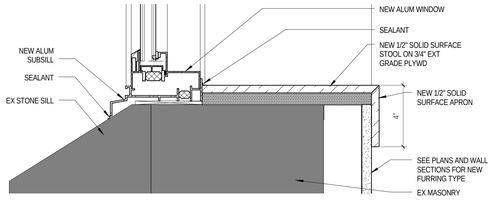
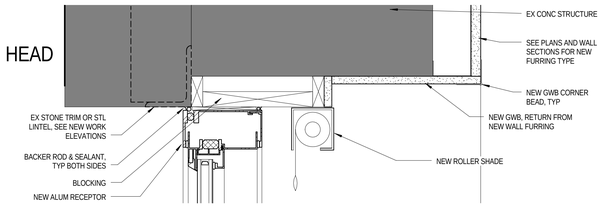
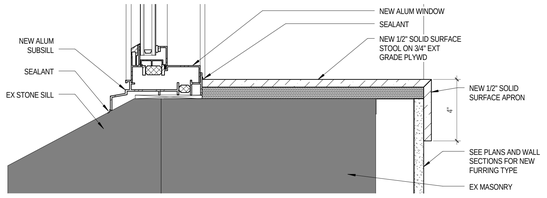


HEAD



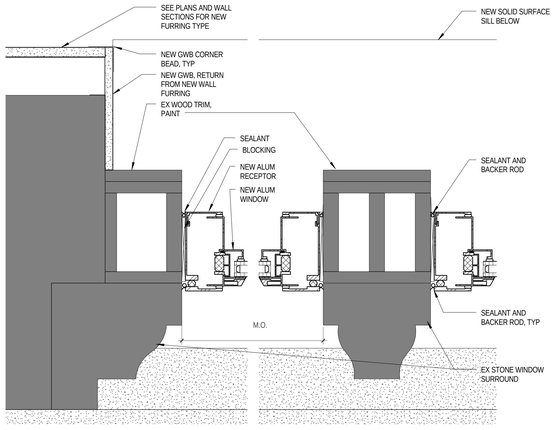
SILL





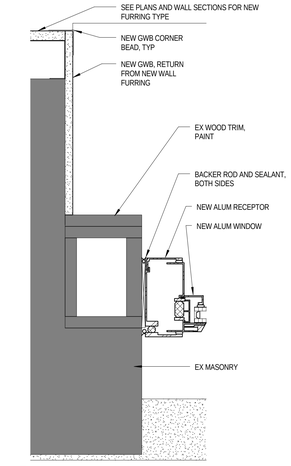
SILL

1 A 604 HEAD & SILL AT EX STONE SURROUNDS
SCALE: 3" = 1'-0"

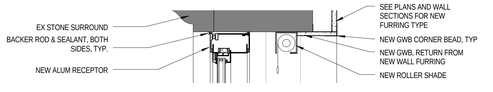


3 A 604 JAMB AT EX STONE SURROUNDS
SCALE: 3" = 1'-0"

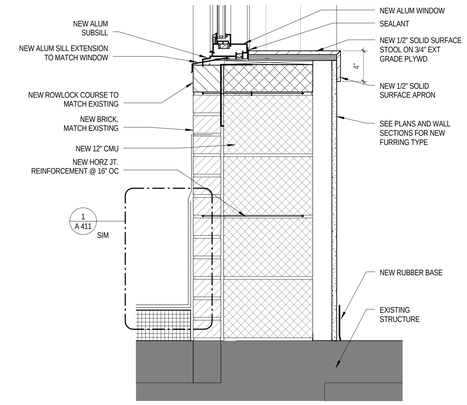
2 A 604 HEAD & SILL AT MASONRY
SCALE: 3" = 1'-0"



4 A 604 WINDOW JAMB AT MASONRY
SCALE: 3" = 1'-0"

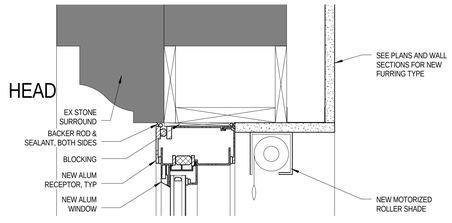


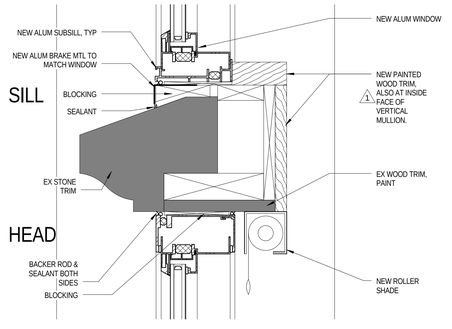
HEAD

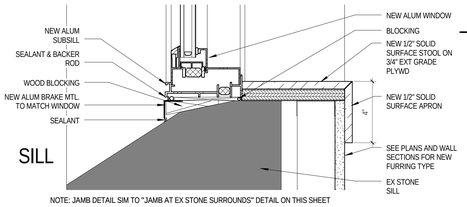


SILL

6 A 604 WINDOW HEAD & SILL AT WEST END WINDOWS
SCALE: 1 1/2" = 1'-0"







NOTE: JAMB DETAIL SIM TO "JAMB AT EX STONE SURROUNDS" DETAIL ON THIS SHEET

5 A 604 WINDOW HEAD & SILL BLDG A
SCALE: 3" = 1'-0"

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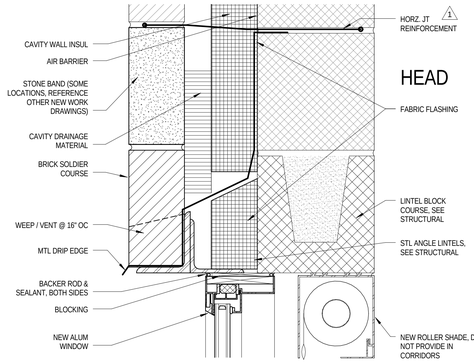
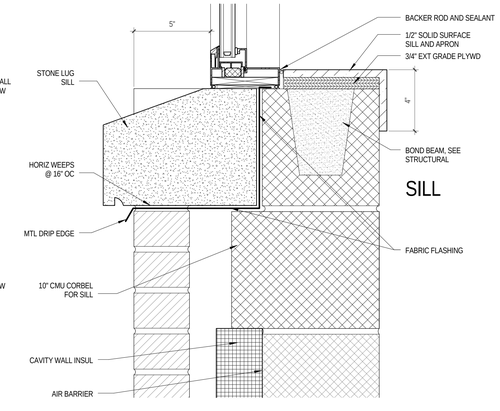
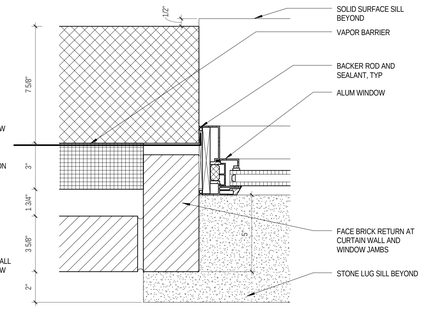
C. PROVIDE TEMPERED GLAZING WHERE SHOWN AND AT LOCATIONS REQUIRING SAFETY GLAZING.
D. PROVIDE FROSTED GLAZING AT ALL TOILET AND LOCKER ROOMS.
E. PROVIDE INSULATED METAL PANEL AT ALL WINDOW PENETRATIONS FOR DUCTWORK, WINDOW A/C UNITS AND OTHER ACCESSORIES.
F. WINDOW MOUNTED LOUVERS AND WINDOW A/C UNITS ARE SHOWN SCHEMATICALLY. FIELD MEASURE FOR OPENING REQUIRED IN INSULATED METAL PANEL.
G. PROVIDE SUPPORT ANGLES AS REQUIRED TO MOUNT SALVAGED A/C UNITS IN INSULATED PANELS. SEAL ALL OPENINGS IN PANELS.
H. PROVIDE BLANK OFF PANELS AT PORTIONS OF LOUVERS NOT USED BY DUCTWORK.
I. ALL EXISTING LOUVERS AND FANS MOUNTED IN WINDOWS ARE TO BE REUSED UNLESS NOTED OTHERWISE.
J. ALL SILLS, HEADS, AND JAMBS TO BE CLEANED AND REPAIRED PER THE SPECIFICATIONS PRIOR TO WINDOW INSTALLATION.
K. ALL ALUMINUM BRAKE METAL SHALL BE FINISHED TO MATCH ALUMINUM CLADDING.
L. CLEAN AND REPAIR MASONRY AND CAST STONE WITHIN 8" OF ALL WINDOW OPENINGS. FEATHER OUT TO BLEND EDGES.
M. PROVIDE NEW GALVANIZED STEEL GRATING AND SUPPORT ANGLES AT ALL WINDOW WELLS.
N. ALL WINDOWS, NEW AND EXISTING OPENINGS, SHALL BE PROVIDED WITH NEW, ROOM-DARKENING ROLLER SHADES, EXCEPT IN CORRIDORS OR AS NOTED OTHERWISE

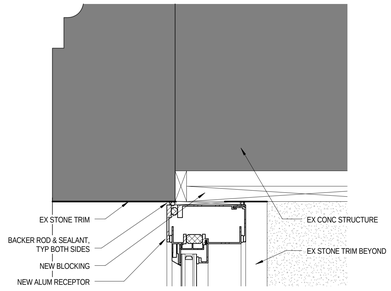


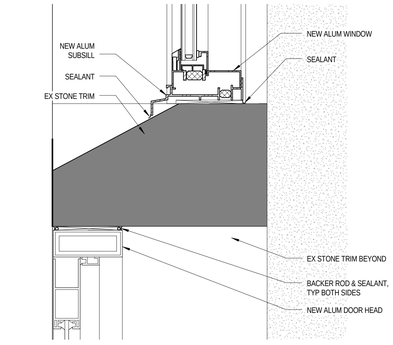


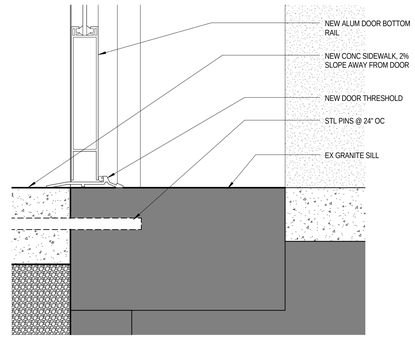
7 A 604 WINDOW HEAD & SILL @ ADDITIONS
SCALE: 3" = 1'-0"



8 A 604 WINDOW JAMB @ ADDITIONS
SCALE: 3" = 1'-0"







9 A 604 WINDOW & DOOR HEAD/SILL - BLDG B
SCALE: 3" = 1'-0"

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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

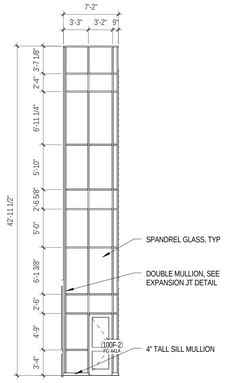
No.	DATE	DESCRIPTION
1	4/22/16	ADDENDUM 2

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated
DRAWING NAME
WINDOW DETAILS

A 604

7/29/2016 4:52:18 PM



1 A 605 TYPE CW1
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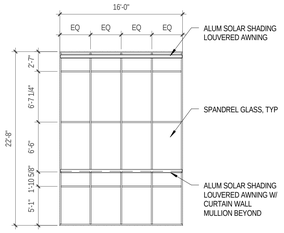

2 A 605 TYPE CW2
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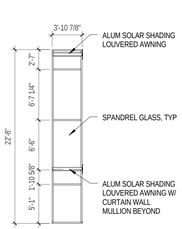

3 A 605 TYPE CW3
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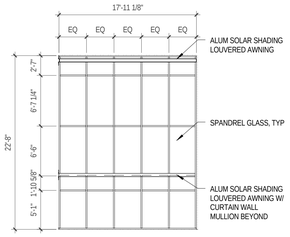

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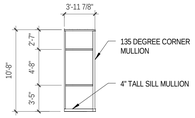

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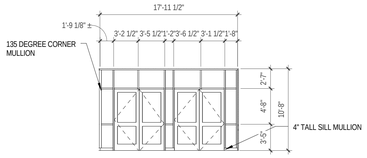
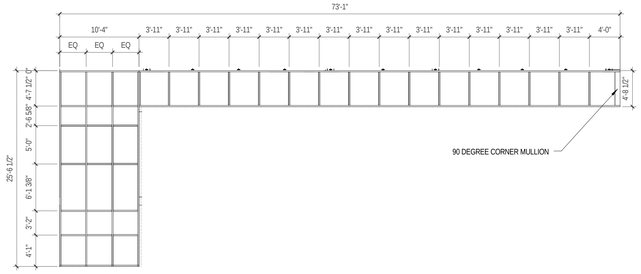
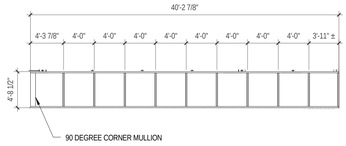
SCALE: 1/8" = 1'-0"



6 A 605 TYPE CW6
SCALE: 1/8" = 1'-0"



7 A 605 TYPE CW7
SCALE: 1/8" = 1'-0"



8 A 605 TYPE CW8
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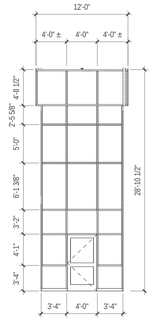

9 A 605 TYPE CW9
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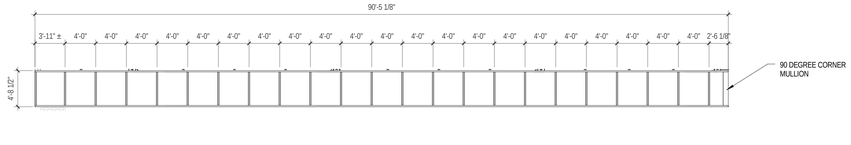

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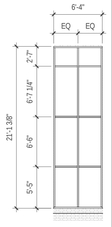

11 A 605 TYPE CW11
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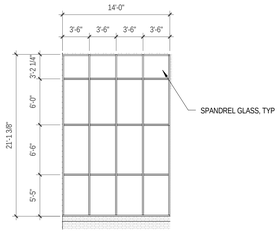

12 A 605 TYPE CW12
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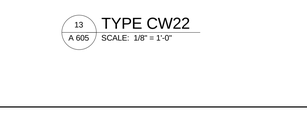
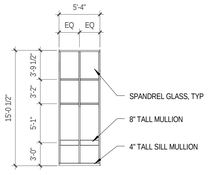


13 A 605 TYPE CW22
SCALE: 1/8" = 1'-0"



14 A 605 TYPE CW14
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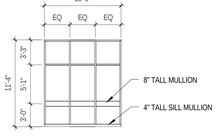

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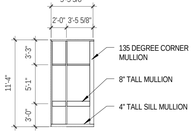

16 A 605 TYPE CW16
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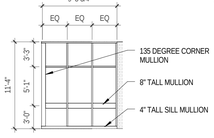

17 A 605 TYPE CW17
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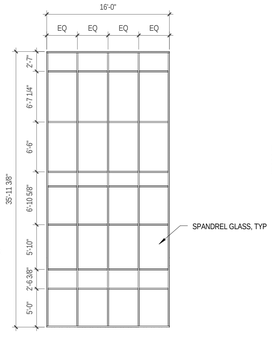

18 A 605 TYPE CW18
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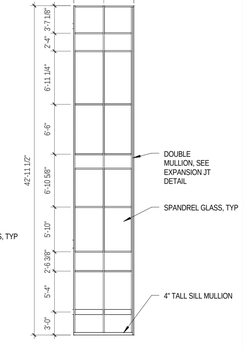

19 A 605 TYPE CW19
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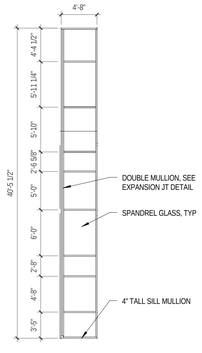

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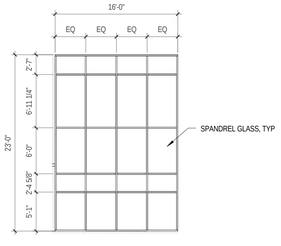
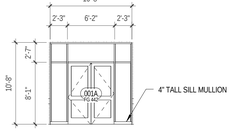


21 A 605 TYPE CW21
SCALE: 1/8" = 1'-0"



22 A 605 TYPE CW23
SCALE: 1/8" = 1'-0"

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LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

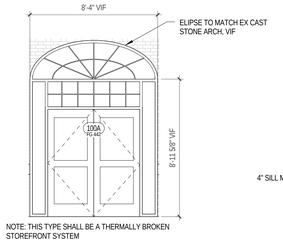
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/8" = 1'-0"

DRAWING NAME
EXT CURTAIN WALL TYPE ELEVATIONS

A 605

7/29/2016 4:52:38 PM



2 A 606 TYPE SF1
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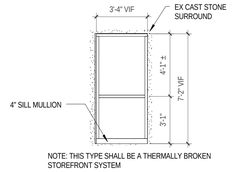

1 A 606 TYPE SF2
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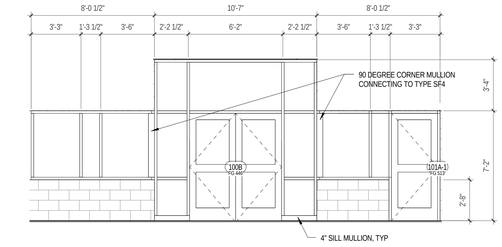

3 A 606 TYPE SF3
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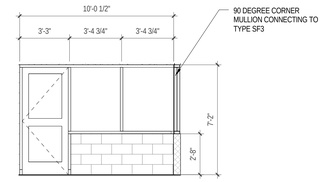

4 A 606 TYPE SF4
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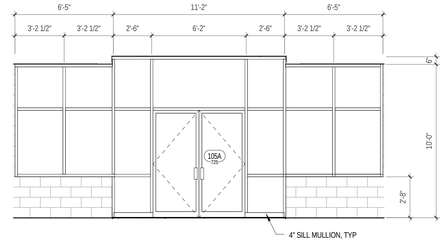

5 A 606 TYPE SF5
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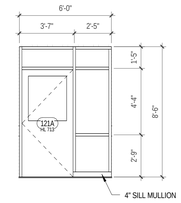

6 A 606 TYPE SF6
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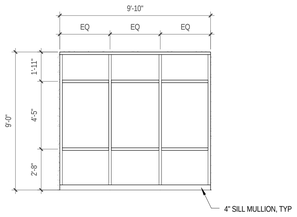

7 A 606 TYPE SF7
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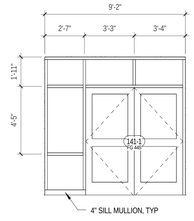

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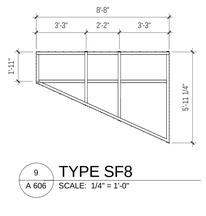

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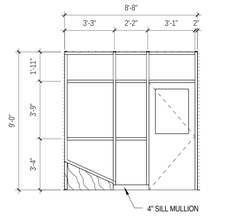

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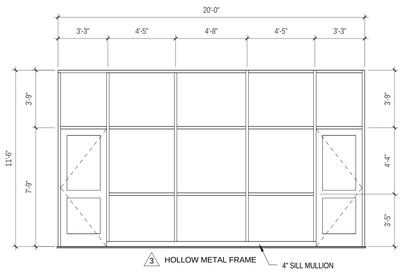

10 A 606 TYPE SF10
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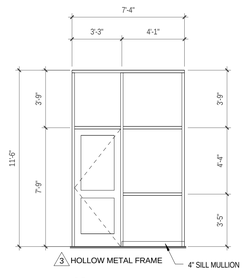

11 A 606 TYPE SF11
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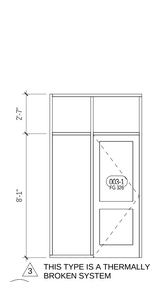

12 A 606 TYPE SF12
SCALE: 1/4" = 1'-0"

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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION
3	5/3/16	ADDENDUM 4

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

SCALE: 1/4" = 1'-0"

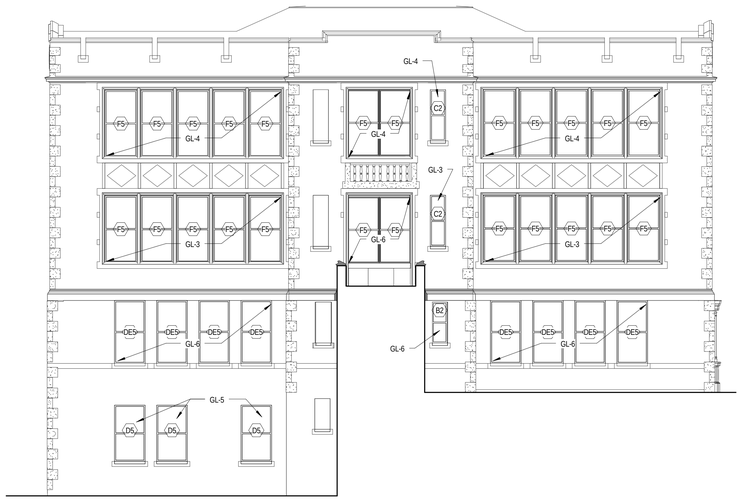
DRAWING NAME

ALUMINUM STOREFRONT TYPE ELEVATIONS

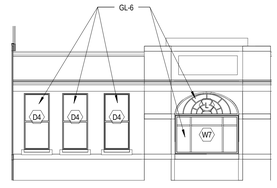
A 606

7/28/2016 4:52:52 PM

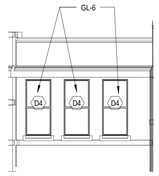
1 / A 607 GLAZING ELEV - BLDG B - SOUTH 1
SCALE: 1/8" = 1'-0"



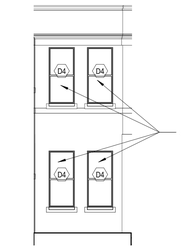
2 / A 607 GLAZING ELEV - BLDG B - WEST
SCALE: 1/8" = 1'-0"



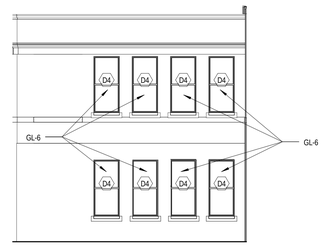
4 / A 607 GLAZING ELEV - LINK - SOUTH 2
SCALE: 1/8" = 1'-0"



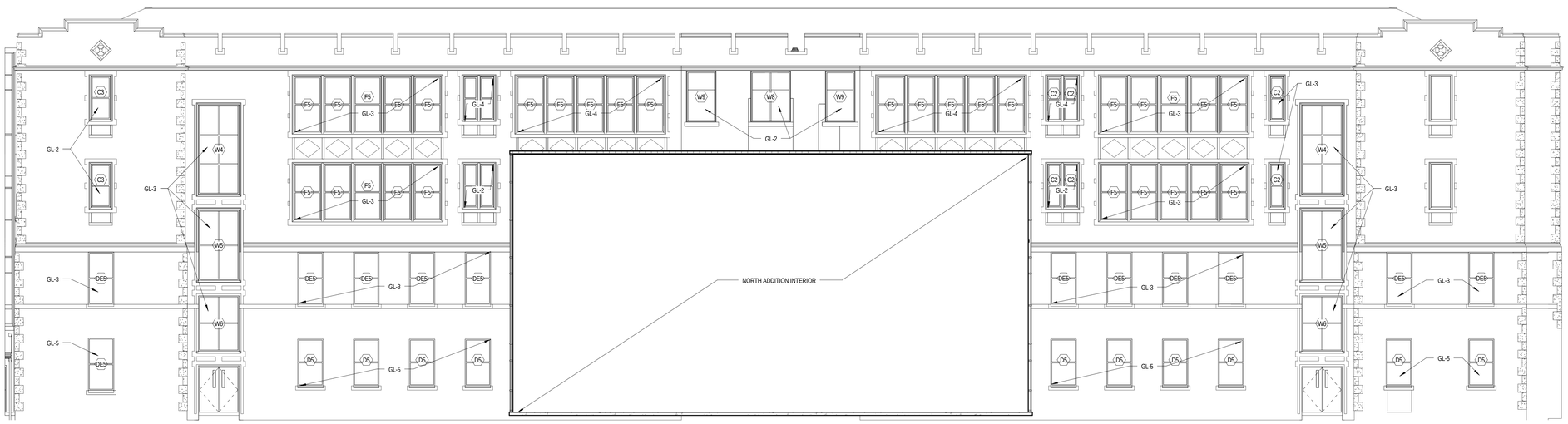
5 / A 607 GLAZING ELEV - LINK - SOUTH
SCALE: 1/8" = 1'-0"



6 / A 607 GLAZING ELEV - LINK - NORTH
SCALE: 1/8" = 1'-0"



7 / A 607 GLAZING ELEV - LINK - NORTH 2
SCALE: 1/8" = 1'-0"



3 / A 607 GLAZING ELEV - BLDG B NORTH 1
SCALE: 1/8" = 1'-0"

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BRINJAC ENGINEERING
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NYIKOS ASSOCIATES
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EDUCATIONAL SYSTEMS PLANNING
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ANNAPOLIS, MD 21401

Baltimore City Public Schools
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LICENSE NO.: 8602
EXPIRATION DATE: 6/30/2017

No.	DATE	DESCRIPTION

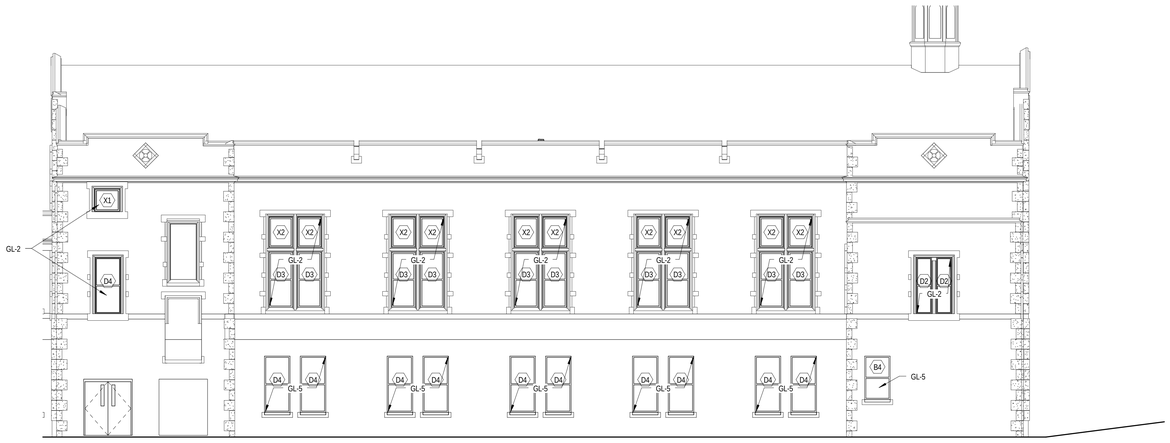
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/8" = 1'-0"

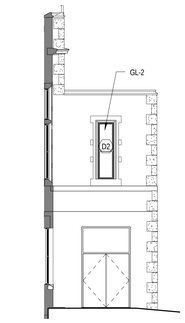
DRAWING NAME
GLAZING TYPE ELEVATIONS

A 607

7/28/2016 4:53:11 PM

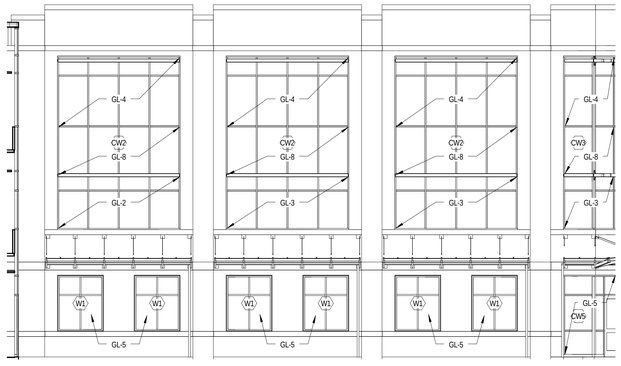


1 A 608 GLAZING ELEV - BLDG A - NORTHEAST
SCALE: 1/8" = 1'-0"

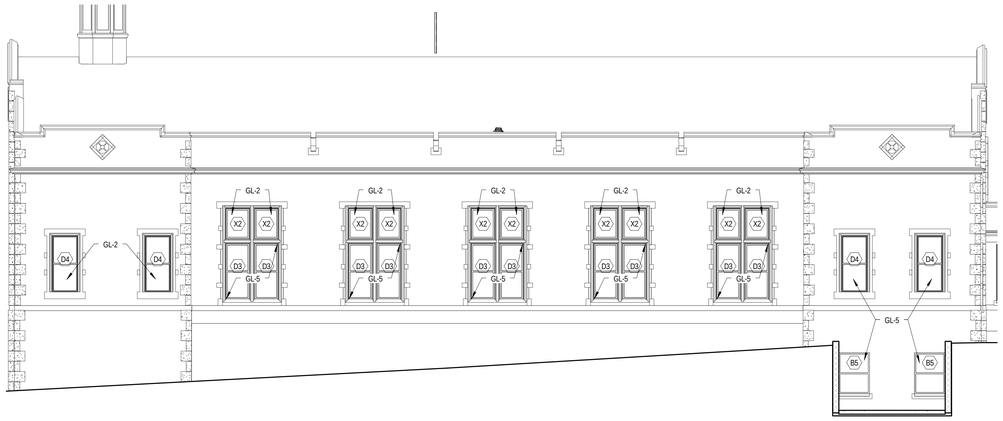


2 A 608 GLAZING ELEV - BLDG A - SOUTHEAST 2
SCALE: 1/8" = 1'-0"

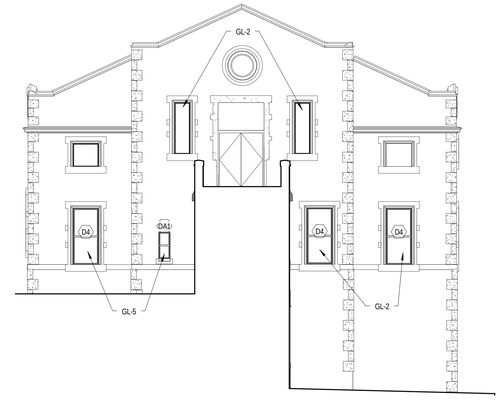
3 A 608 GLAZING ELEV - BLDG A - NORTHWEST
SCALE: 1/8" = 1'-0"



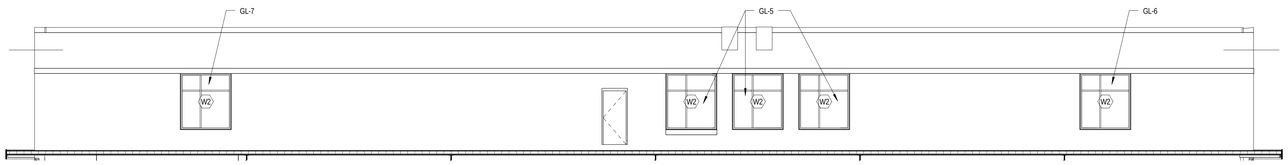
4 A 608 GLAZING ELEV - EAST ADDITION - WEST1
SCALE: 1/8" = 1'-0"



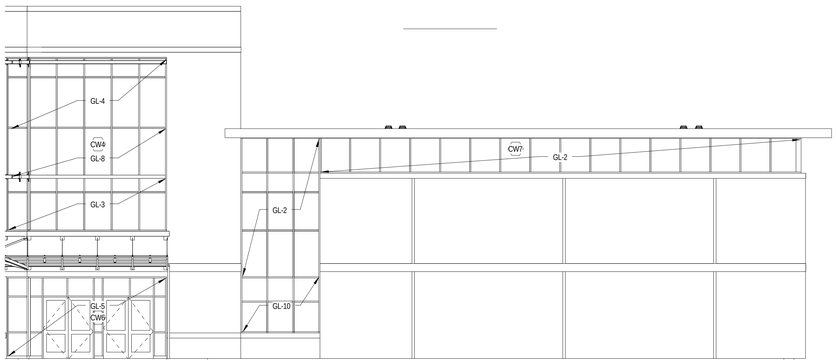
8 A 608 GLAZING ELEV - BLDG A - SOUTHWEST
SCALE: 1/8" = 1'-0"



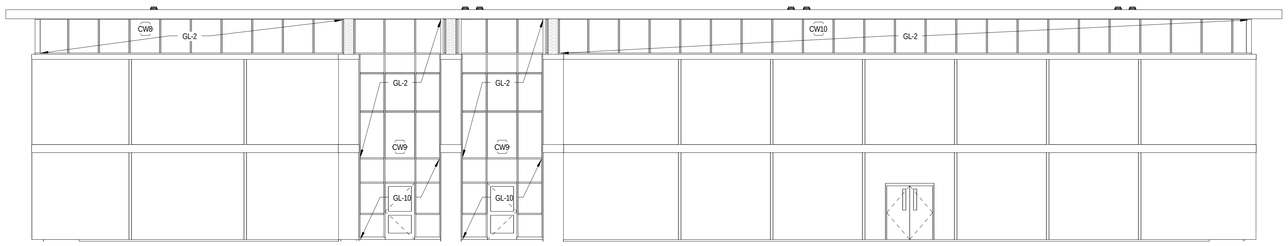
9 A 608 GLAZING ELEV - BLDG A - SOUTHEAST
SCALE: 1/8" = 1'-0"



6 A 608 GLAZING ELEV - EAST ADDITION - SOUTHEAST 2
SCALE: 1/8" = 1'-0"



5 A 608 GLAZING ELEV - EAST ADDITION - SOUTHWEST
SCALE: 1/8" = 1'-0"



7 A 608 GLAZING ELEV - EAST ADDITION - SOUTHEAST 1
SCALE: 1/8" = 1'-0"

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LICENSE NO.: 9002
EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

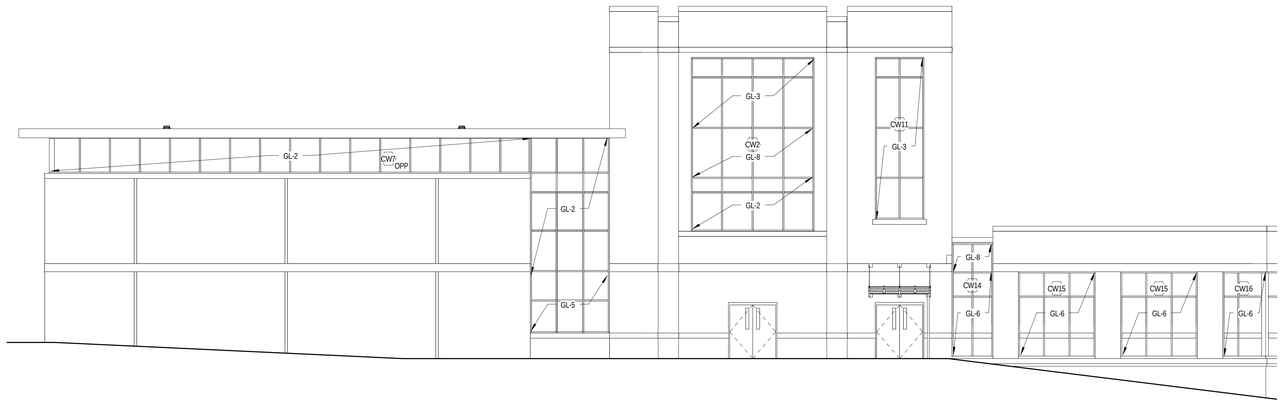
SCALE: 1/8" = 1'-0"

DRAWING NAME

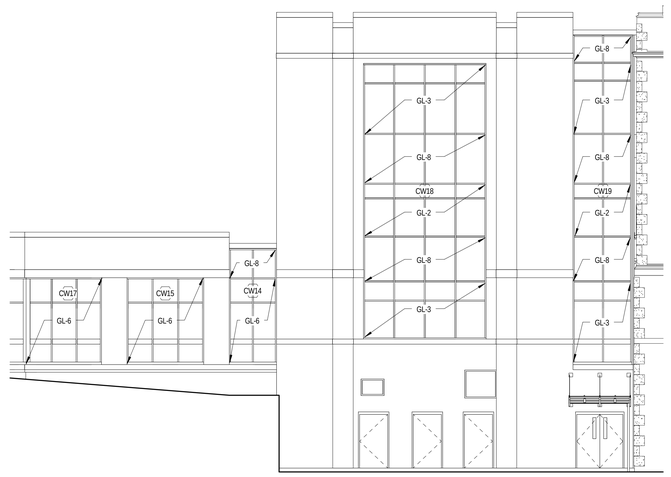
GLAZING TYPE ELEVATIONS

A 608

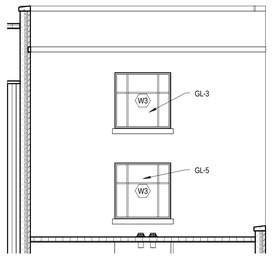
7/28/2016 4:53:30 PM



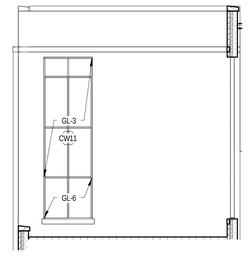
1 / A 609 GLAZING ELEV - EAST ADDITION - NORTHEAST 1
SCALE: 1/8" = 1'-0"



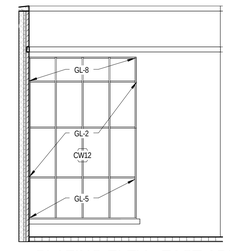
2 / A 609 GLAZING ELEV - EAST ADDITION - NORTH 1
SCALE: 1/8" = 1'-0"



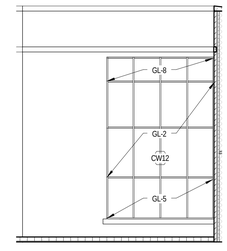
3 / A 609 GLAZING ELEV - EAST ADDITION - EAST
SCALE: 1/8" = 1'-0"



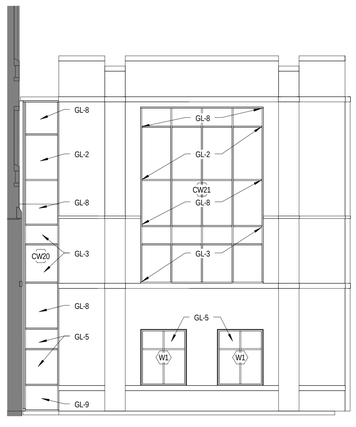
4 / A 609 GLAZING ELEV - EAST ADDITION - WEST 2
SCALE: 1/8" = 1'-0"



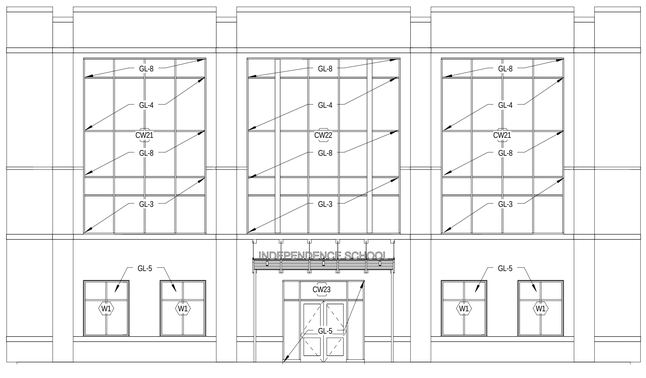
5 / A 609 GLAZING ELEV - EAST ADDITION - NORTHEAST 2
SCALE: 1/8" = 1'-0"



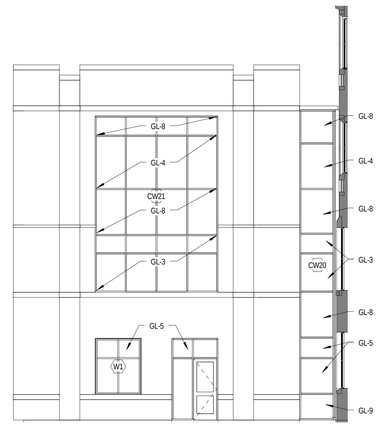
6 / A 609 GLAZING ELEV - EAST ADDITION - NORTH 2
SCALE: 1/8" = 1'-0"



7 / A 609 GLAZING ELEV - NORTH ADDITION - EAST
SCALE: 1/8" = 1'-0"



8 / A 609 GLAZING ELEV - NORTH ADDITION - NORTH
SCALE: 1/8" = 1'-0"



9 / A 609 GLAZING ELEV - NORTH ADDITION - WEST
SCALE: 1/8" = 1'-0"

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LICENSE NO.: 8002
EXPIRATION DATE: 6/3/2017

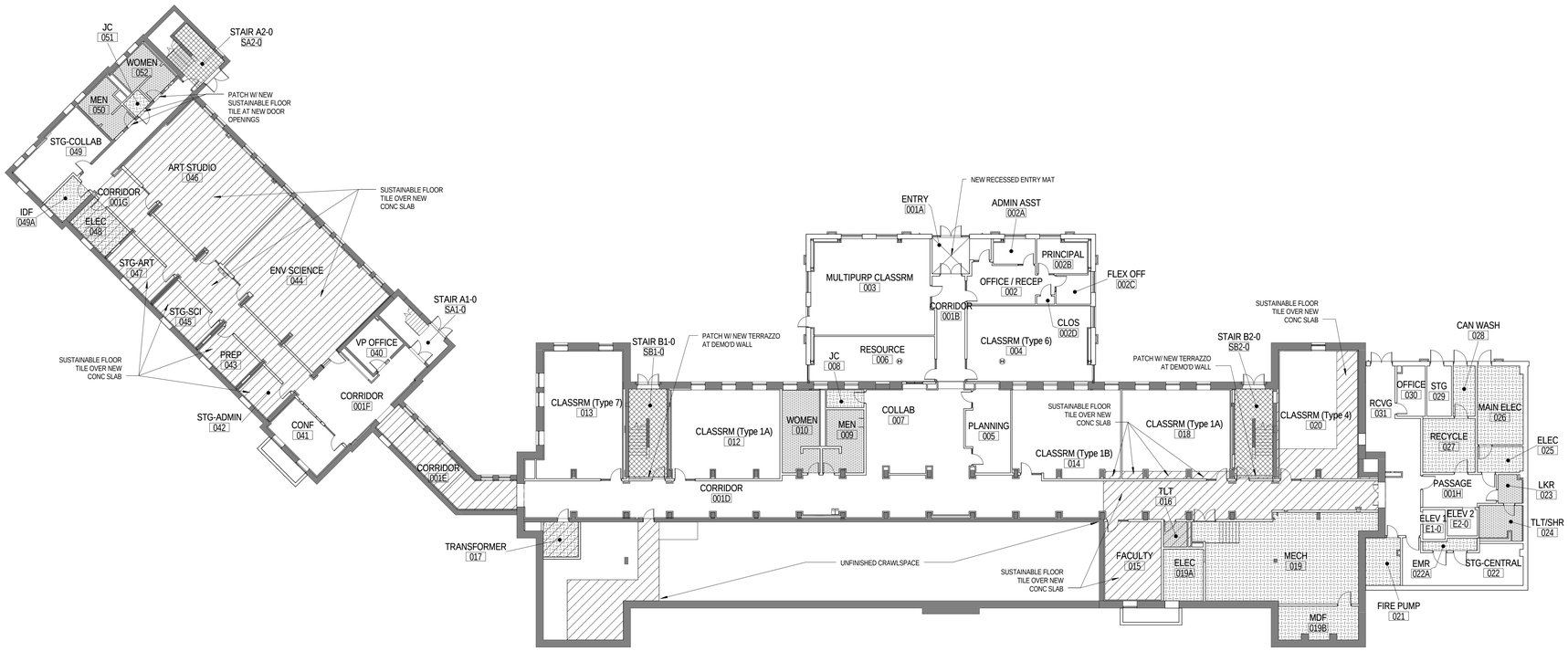
No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/8" = 1'-0"
DRAWING NAME
GLAZING TYPE ELEVATIONS

A 609

7/28/2016 4:53:45 PM



1 / A 701 LEVEL 0 FINISH FLOOR PLAN

SCALE: 1/16" = 1'-0"

FINISH FLOOR PLAN GENERAL NOTES

1. SEE NEW WORK FLOOR PLANS A 113 THROUGH A 119, GENERAL PLAN NOTE #7 FOR INFILLING OF EXISTING SLAB DEPRESSIONS IN BLDG A AND BLDG B

FINISH FLOOR PLAN LEGEND

- NEW CONC SLAB IN EXISTING BUILDINGS (BLDG A & BLDG B)
- NEW SUSTAINABLE FLOOR TILE (SFT) - COLOR #1 TYP, COLORS #2 & #3 AS NOTED ON PLANS
- EXISTING TO REMAIN TERRAZZO FLOORING (TZ), REFINISHED
- RESINOUS TERRAZZO FLOORING (TZR) - COLOR #1 TYP, COLOR #2 AS NOTED ON PLANS
- PTD EPOXY COATING (EP) ON CONC SLAB
- RESINOUS FLOORING (RF)
- EXISTING TO REMAIN WOOD FLOORING, REFINISHED (WDR)
- WOOD ALTHLETIC FLOORING (WD)
- CARPET TILE (CPT)

0' 4' 8' 16' 32'

JRS ARCHITECTS

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EXPIRATION DATE: 6/30/17

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01

DATE: 3/31/16

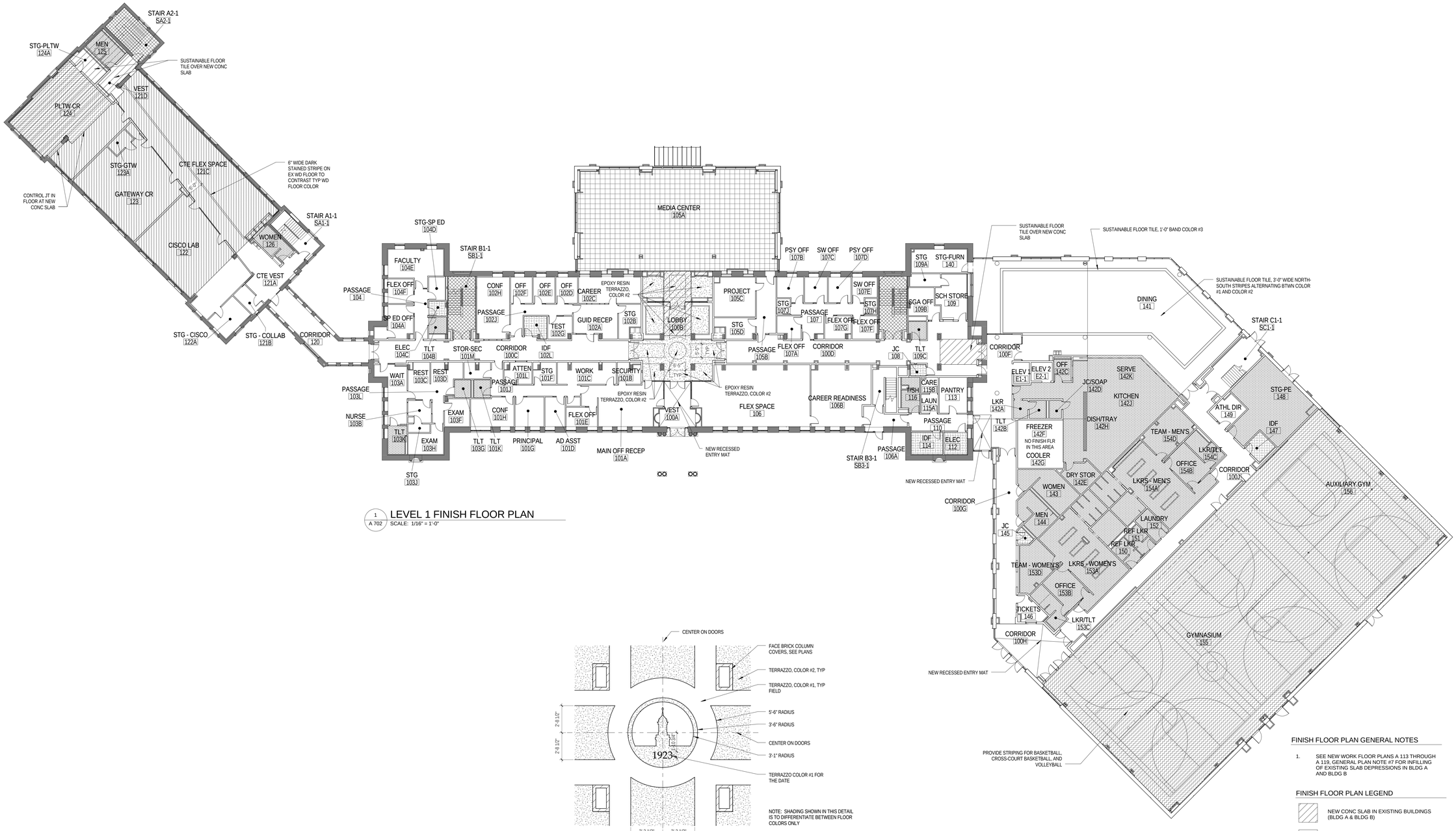
SCALE: 1/16" = 1'-0"

DRAWING NAME

LEVEL 0 FINISH FLOOR PLAN

A 701

7/28/2016 4:53:59 PM



1 A 702 LEVEL 1 FINISH FLOOR PLAN
SCALE: 1/16" = 1'-0"

2 A 702 FLOOR PATTERN - MEDALLION DETAIL
SCALE: 1/4" = 1'-0"

FINISH FLOOR PLAN GENERAL NOTES

1. SEE NEW WORK FLOOR PLANS A 113 THROUGH A 119, GENERAL PLAN NOTE #7 FOR INFILLING OF EXISTING SLAB DEPRESSIONS IN BLDG A AND BLDG B

FINISH FLOOR PLAN LEGEND

- NEW CONC SLAB IN EXISTING BUILDINGS (BLDG A & BLDG B)
- NEW SUSTAINABLE FLOOR TILE (SFT) - COLOR #1 TYP, COLORS #2 & #3 AS NOTED ON PLANS
- EXISTING TO REMAIN TERRAZZO FLOORING (TZ), REFINISHED
- RESINOUS TERRAZZO FLOORING (TZR) - COLOR #1 TYP, COLOR #2 AS NOTED ON PLANS
- PTD EPOXY COATING (EP) ON CONC SLAB
- RESINOUS FLOORING (RF)
- EXISTING TO REMAIN WOOD FLOORING, REFINISHED (WDR)
- WOOD ALTHLETIC FLOORING (WD)
- CARPET TILE (CPT)

0' 4' 8' 16' 32'

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LICENSE NO.: 8002
EXPIRATION DATE: 6/2017

No.	DATE	DESCRIPTION

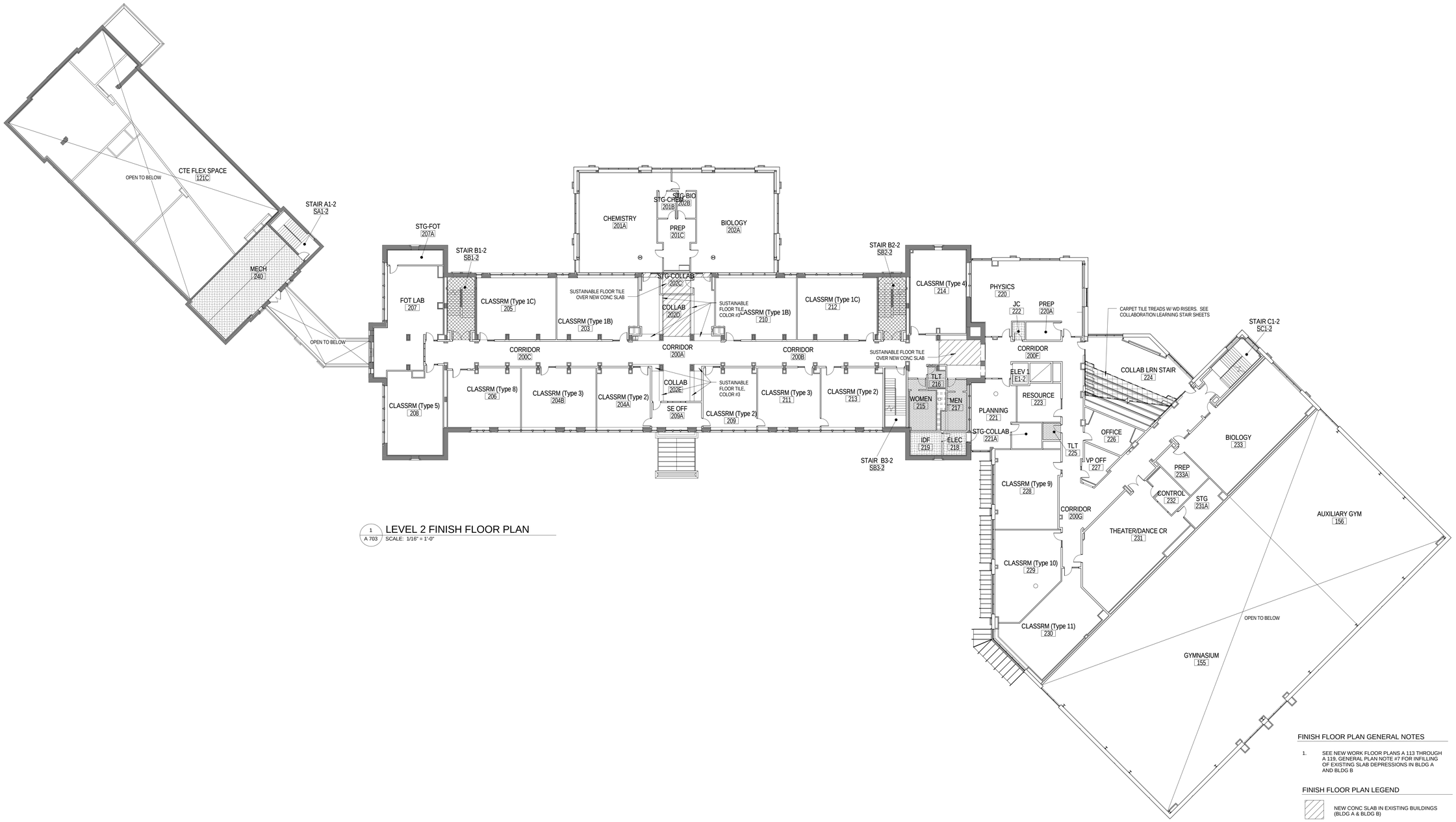
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: As indicated

DRAWING NAME
LEVEL 1 FINISH FLOOR PLAN

A 702

7/28/2016 4:54:34 PM



1 / A 703 LEVEL 2 FINISH FLOOR PLAN
SCALE: 1/16" = 1'-0"

FINISH FLOOR PLAN GENERAL NOTES

1. SEE NEW WORK FLOOR PLANS A 113 THROUGH A 119, GENERAL PLAN NOTE #7 FOR INFILLING OF EXISTING SLAB DEPRESSIONS IN BLDG A AND BLDG B

FINISH FLOOR PLAN LEGEND

- NEW CONC SLAB IN EXISTING BUILDINGS (BLDG A & BLDG B)
- NEW SUSTAINABLE FLOOR TILE (SFT) - COLOR #1 TYP, COLORS #2 & #3 AS NOTED ON PLANS
- EXISTING TO REMAIN TERRAZZO FLOORING (TZ), REFINISHED
- RESINOUS TERRAZZO FLOORING (TZR) - COLOR #1 TYP, COLOR #2 AS NOTED ON PLANS
- PTD EPOXY COATING (EP) ON CONC SLAB
- RESINOUS FLOORING (RF)
- EXISTING TO REMAIN WOOD FLOORING, REFINISHED (WDR)
- WOOD ALTHLETIC FLOORING (WD)
- CARPET TILE (CPT)

0' 4' 8' 16' 32'

JRS ARCHITECTS
2010 Clipper Park Rd.
Suite 101
Baltimore, MD 21211
410.235.7256

ASSOCIATE ARCHITECT
SCHRADERGROUP ARCHITECTURE LLC
161 LEVERINGTON AVE, SUITE 105
PHILADELPHIA, PA 19127

LANDSCAPE ARCHITECT
MAHAN RYKIEL ASSOCIATES
800 WYMAN PARK DR, SUITE 100
BALTIMORE, MD 21211

CIVIL ENGINEER
STV, INC.
7125 AMBASSADOR RD, SUITE 200
BALTIMORE, MD 21244

STRUCTURAL ENGINEER
ALBRECHT ENGINEERING
3500 BOSTON ST, SUITE 329
BALTIMORE, MD 21224

MEP ENGINEER
BRINJAC ENGINEERING
1800 N. CHARLES ST, SUITE 310
BALTIMORE, MD 21201

FOOD SERVICE
NYIKOS ASSOCIATES
18219A FLOWER HILL WAY
GAITHERSBURG, MD 20879

AVIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST., BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 9002
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

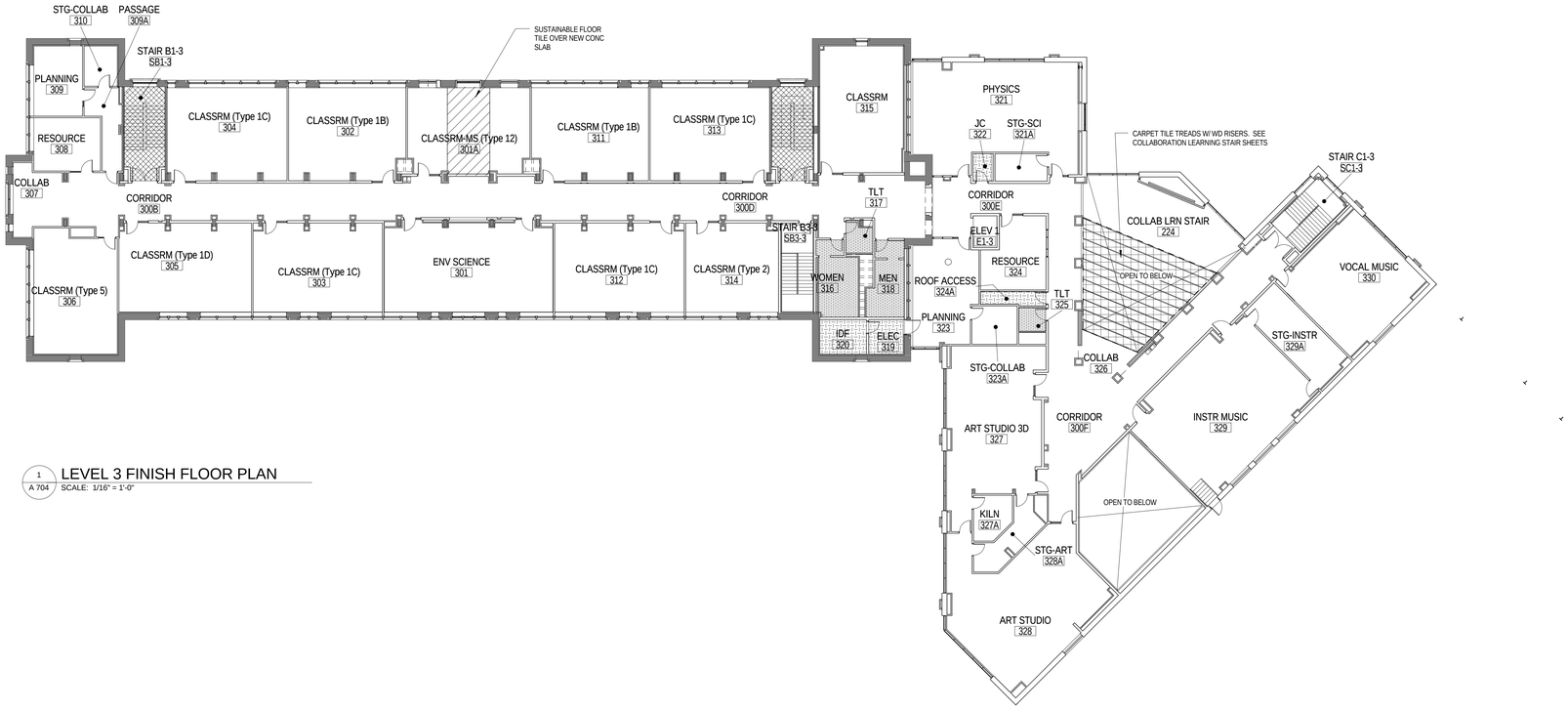
CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/16" = 1'-0"

DRAWING NAME
LEVEL 2 FINISH FLOOR PLAN

A 703

7/28/2016 4:54:49 PM



1 / A 704 LEVEL 3 FINISH FLOOR PLAN
SCALE: 1/16" = 1'-0"

FINISH FLOOR PLAN GENERAL NOTES

1. SEE NEW WORK FLOOR PLANS A 113 THROUGH A 119, GENERAL PLAN NOTE #7 FOR INFILLING OF EXISTING SLAB DEPRESSIONS IN BLDG A AND BLDG B

FINISH FLOOR PLAN LEGEND

- NEW CONC SLAB IN EXISTING BUILDINGS (BLDG A & BLDG B)
- NEW SUSTAINABLE FLOOR TILE (SFT) - COLOR #1 TYP, COLORS #2 & #3 AS NOTED ON PLANS
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- RESINOUS TERRAZZO FLOORING (TZR) - COLOR #1 TYP, COLOR #2 AS NOTED ON PLANS
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY REGISTERED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 8602
EXPIRATION DATE: 6/3/2017

No.	DATE	DESCRIPTION

CONSTRUCTION SET 7/28/16

PROJECT No.: 152-01
DATE: 3/31/16
SCALE: 1/16" = 1'-0"

DRAWING NAME
LEVEL 3 FINISH FLOOR PLAN

A 704

7/28/2016 4:55:01 PM

GENERAL

A. ALL ELEVATIONS ARE REFERENCED TO MSL. SEE CIVIL DWG FOR FINISHED FLOOR ELEV. ALL ELEVATIONS SHOWN ON PLANS ARE REFERENCED TO THIS DATUM UNLESS NOTED.
B. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OR START OF CONSTRUCTION.
C. NO STRUCTURAL MEMBER SHALL BE CUT, NOTCHED OR OTHERWISE REDUCED IN STRENGTH WITHOUT THE PRIOR NOTIFICATION OF THE STRUCTURAL ENGINEER.
D. THE GENERAL CONTRACTOR SHALL COORDINATE ALL OTHER DISCIPLINES FOR ANY ITEMS WHICH EFFECT THE STRUCTURAL DRAWINGS.
E. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING, GUY WIRES, ETC., WHERE NECESSARY TO ADEQUATELY RESIST ALL CONSTRUCTION LOADS.

EXISTING CONSTRUCTION

A. ALL MEMBER SIZES AND 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 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.
B. THE CONTRACTOR SHALL PROVIDE ALL SHORING, NEEDLING AND BRACING AS REQUIRED TO SUPPORT THE EXISTING STRUCTURE. THE CONTRACTOR SHALL EXAMINE THE EXISTING STRUCTURE TO DETERMINE THE EXTENT OF THE NECESSARY SHORING, NEEDLING, AND UNDERPINNING. THE CAPACITY AND METHOD FOR SHORING AND NEEDLING SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

DEMOLITION

A. REMOVE EXISTING CONSTRUCTION AS SHOWN ON PLANS. SEE PLANS, SECTIONS, AND DETAILS FOR EXTENT OF STRUCTURE TO BE REMOVED.
B. EXISTING STRUCTURAL FRAMING SHALL REMAIN UNLESS SPECIFICALLY NOTED ON PLAN TO BE REMOVED.
C. IF FIELD CONDITIONS DIFFER FROM THOSE SHOWN ON DRAWINGS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING.
D. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE THE EXISTING BUILDING DURING THE COURSE OF CONSTRUCTION AND IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER OF ANY AREAS WHERE THE STRUCTURE EXHIBITS DISTRESS OR FAILURE.
E. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE LOCATION OF ANY UTILITIES IN THE IMMEDIATE VICINITY OF CONSTRUCTION SO AS TO PREVENT DAMAGE TO THEM. SHOULD ANY DAMAGE TO SUCH UTILITIES OCCUR THE CONTRACTOR SHALL BE REQUIRED TO REPAIR SUCH DAMAGE AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER.

FOUNDATION

A. ALL FOUNDATIONS SHALL BEAR ON UNDISTURBED SOIL OR COMPACTED STRUCTURAL FILL WITH AN ALLOWABLE BEARING CAPACITY OF 3000 PSF.
B. BOTTOM OF FOOTINGS SHALL BE LOCATED AT A DEPTH OF AT LEAST 3'-0" BELOW ADJACENT GRADE.
C. SLAB SUBGRADE SHALL BE PROOFROLLED AND PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
D. DESIGN PARAMETERS FOR BELOW GRADE WALLS:

ACTIVE EARTH PRESSURE	40 PSF PER VERTICAL FOOT
AT REST EARTH PRESSURE	50 PSF PER VERTICAL FOOT
PASSIVE EARTH PRESSURE	300 PSF PER VERTICAL FOOT
COEFFICIENT OF SLIDING FRICTION	0.40

E. TEMPORARY SITE DEWATERING BASED ON THE FOUNDATION GROUNDWATER TABLE ENCOUNTERED DURING THE GEOTECHNICAL INVESTIGATION.
F. CONCRETE SHALL NOT BE POURED ON FROZEN GROUND.
G. PROVIDE SHEETING AS REQUIRED TO SUPPORT LATERAL LOADS DURING EXCAVATION. SEE GEOTECHNICAL REPORT FOR SOIL PROPERTIES.
H. REFER TO GEOTECHNICAL REPORT FOR SITE PREPARATION AND FILL PLACEMENT REQUIREMENTS.

HELICAL PIER FOUNDATION SYSTEM

A. EXCAVATION, PREPARATION OF SUBGRADE, AND FOUNDATION CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
B. ALL ORGANIC MATERIALS AND CONSTRUCTION DEBRIS SHALL BE REMOVED IN REGIONS OF ALL FOUNDATIONS.
C. THE BOTTOMS OF ALL EXTERIOR GRADE BEAMS SHALL BE 3'-0" MINIMUM BELOW FINISHED GRADE.
D. THE CONTRACTOR SHALL SAFEGUARD AND PROTECT ALL EXCAVATIONS. ALL EXCAVATIONS SHALL BE KEPT FREE OF WATER.
E. HELICAL PIERS SHALL HAVE A MINIMUM CAPACITY OF 30 KIPS EACH. LOAD TESTS SHALL BE PERFORMED TO A LOAD OF 200% DESIGN LOAD (APPROXIMATELY 60 KIPS) AS NOTED IN THE SPECIFICATIONS PRIOR TO THE INSTALLATION OF PRODUCTION PILES.
F. THE TOP-MOST HELIX OF EACH HELICAL PIER SHALL BE A MINIMUM OF 7'-0" BELOW THE EXISTING GRADE ELEVATION.
G. HELICAL PIERS SHALL BE SPACED AT LEAST 3'-0" CENTER TO CENTER.
H. EACH HELICAL PIER SHALL BE EITHER A DOUBLE OR TRIPLE HELIX PIER. THE DIAMETER OF THE HELIX SHALL BE AS DETERMINED BY THE HELICAL PIER MANUFACTURER.
I. THE DEPTH OF THE HELICIAL PIER SHALL BE DETERMINED BY THE HELICAL PIER MANUFACTURER. THE DEPTH REQUIRED IS ESTIMATED TO BE BETWEEN 25'-0" AND 35'-0" BELOW EXISTING GRADE.
J. CONSTRUCTION BRACKETS SHALL BE USED TO ATTACH THE HELICAL PIER TO THE CONCRETE PIER CAP OR GRADE BEAM.
K. INSTALLATION OF THE HELICAL PIERS SHALL BE PERFORMED BY A CONTRACTOR EXPERIENCED WITH HELICAL PIERS. DURING INSTALLATION, THE TORQUE REQUIRED TO INSTALL THE PIERS SHALL BE MONITORED TO DETERMINE THE RESISTANCE AND THE CAPACITY DEVELOPED BY THE HELICAL PIERS.
L. 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.

CAST-IN-PLACE REINFORCED CONCRETE

A. ALL CONCRETE WORK SHALL CONFORM TO ACI 318-11 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
B. MINIMUM 28 DAY COMPRESSIVE STRENGTH, MAX WATER TO CEMENTITIOUS MATERIAL RATIOS:
FOOTINGS, FOUNDATION WALLS, GRADE BEAMS, PILECAPS: 4,500 PSI, NORMAL WEIGHT, W/C=0.45
INTERIOR SLAB ON GRADE: 3,500 PSI, NORMAL WEIGHT, W/C=0.50
CONCRETE TOPPING ON METAL DECK: 3,000 PSI, NORMAL WEIGHT (UNO), W/C=0.50
C. ALL FOUNDATION AND EXPOSED CONCRETE SHALL INCLUDE AIR ENTRAINMENT, UNLESS NOTED OTHERWISE.
D. REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
E. TERMINATE ALL DISCONTINUED TOP BARS WITH 90 DEGREE STANDARD HOOK UNLESS OTHERWISE NOTED.
F. CONTINUOUS BOTTOM BARS SHALL BE SPLICED AT CENTERLINE OF SUPPORTS. CONTINUOUS TOP BARS SHALL BE SPLICED AT MIDSPAN.
G. AT CHANGES IN DIRECTION OF CONCRETE WALLS, STRIP FOOTINGS, BEAMS, TIE-BEAMS AND BOND BEAMS, PROVIDE CORNER BARS AT SAME SIZE AND SPACING AS HORIZONTAL STEEL.
H. CHAMFER ALL EDGES OF BEAMS, COLUMNS, HAUNCHES, WALLS EQUIPMENT PADS AND SLABS EXPOSED TO VIEW ¾" UNLESS OTHERWISE NOTED.
I. SEE SPECIFICATIONS FOR WATERPROOFING MEMBRANES.

CONCRETE MASONRY

A. DESIGN CRITERIA: ACI 530-11/ASCE 5-11
B. HOLLOW UNITS: MIN. 2,800 PSI @ 28 DAYS, MIN. 45% SOLID, ASTM C90, GRADE N, LIGHT WEIGHT, f'm=2,000 PSI.
C. MORTAR: ASTM C270, TYPE S (TYPE M BELOW GRADE), MIN. 1800 PSI @ 28 DAYS, ⅜" FULL BEDDING. REMOVE MORTAR PROTRUDING INTO CELL CAVITIES TO BE REINFORCED AND GROUTED.
D. GROUT: ASTM C476, MIN. 2,000 PSI @ 28 DAYS, ⅜" AGGREGATE MAX., 8"-10" SLUMP.
E. REINFORCEMENT:
- HORIZONTAL JOINTS: TRUSS OR LADDER TYPE @ 16" OC, USE PREFABRICATED CORNERS AND TEES @ WALL INTERSECTIONS, OVERLAP DISCONTINUED ENDS AND EXTEND INTO COLUMNS 6" MIN.
- VERTICAL AND HORIZONTAL REINFORCEMENT: ASTM 615, GRADE 60, PROVIDE MIN. #4 BARS TYP @ WALL INTERSECTIONS, EACH SIDE OF OPENINGS, AND @ WALL ENDS, HOOK TOP OF ALL DISCONTINUED BARS, LAP CONT. REINF 48 BAR DIA. UNO.
- USE BAR SPACERS IN EVERY 4TH COURSE WHERE CELLS ARE TO BE GROUTED.

F. PROVIDE CLEANOUT OPENINGS FOR EACH GROUTED CELL.
G. HIGH LIFT GROUTING SHALL BE USED WITH A MAXIMUM POUR OF 12'-0" IN 4' MAX LIFTS WITH ONE HOUR BETWEEN LIFTS. VIBRATE EACH LIFT AND RECONSOLIDATE PREVIOUS LIFT AFTER PLACING NEXT LIFT. VERTICAL CORES TO BE FILLED WITH GROUT SHALL HAVE A MINIMUM CLEAR DIMENSION OF 3"x3".
H. WHERE EXPANSION ANCHOR BOLTS ARE SET IN MASONRY WALLS, FILL BLOCK CELLS WITH GROUT FOR BOLTED COURSE AND TWO COURSES BELOW ANCHOR ELEVATION.
I. PROVIDE LINTELS OVER OPENINGS LARGER THAN 1'-0". FOR OPENINGS UP TO 6'-8" USE PRECAST LINTELS OF ADEQUATE CAPACITY OR A MINIMUM 8"x8" FORMED IN PLACE MASONRY LINTEL W/(2) #5 REBAR AT 2" CLEAR, UNLESS NOTED OTHERWISE. PROVIDE MINIMUM BEARING OF 8" AT EACH JAMB, UNLESS NOTED OTHERWISE.

POST INSTALLED ANCHORS

A. POST INSTALLED ANCHORS SHALL BE INSTALLED IN SOUND BASE MATERIAL. NOTIFY ENGINEER IF EXISTING CONDITIONS DIFFER FROM THAT SHOWN.
B. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SHALL BE AS FOLLOWS:
ADHESIVE ANCHORS IN CONCRETE: POWERS PE110+ (ESR-3298)
ADHESIVE ANCHORS IN MASONRY: HILTI HY70 (ESR-2682, NO SUBSTITUTION ALLOWED)
EXPANSION ANCHORS IN CONCRETE: POWERS POWERSTUD+ SD2 (ESR-2502)
EXPANSION ANCHORS IN MASONRY: POWERS POWERSTUD+ SD1 (ESR-2966)
SCREW ANCHORS IN CONCRETE: POWERS WEDGE-BOLT+ (ESR-2526)
SCREW ANCHORS IN MASONRY: POWERS WEDGE-BOLT+ (ESR-1678)

STRUCTURAL STEEL

A. ALL STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS
B. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:
- STRUCTURAL STEEL W-SHAPES: A992 HAVING A MINIMUM YIELD STRENGTH OF 50 KSI.
- STRUCTURAL STEEL CHANNELS, ANGLES, BARS & PLATES: A36 HAVING A MINIMUM YIELD STRENGTH OF 36 KSI.
- SQUARE AND RECTANGULAR TUBING: A500, GRADE B HAVING MINIMUM YIELD STRENGTH OF 46 KSI.
- ROUND PIPE: A53, GRADE B HAVING A MINIMUM YIELD STRENGTH OF 35 KSI.

C. BOLTS SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS: HIGH STRENGTH BOLTS: A325
ANCHOR BOLTS: A307 A36
D. ALL BOLTS SHALL BE 3/4" DIAMETER, OPEN HOLES 13/16" DIAMETER, UNLESS OTHERWISE SHOWN OR NOTED.
E. WELDING SHALL BE IN ACCORDANCE WITH AWS CODE FOR WELDING IN BUILDING CONSTRUCTION (AWS D1.1) AND SHALL BE PERFORMED BY CERTIFIED WELDERS. ALL WELDS SHALL BE MADE WITH AWS A5.1 E-70XX ELECTRODES.
F. ALL SHOP CONNECTIONS SHALL BE HIGH STRENGTH BOLTED OR WELDED.
G. ALL FIELD CONNECTIONS SHALL BE HIGH STRENGTH BOLTED EXCEPT WHERE DETAILS INDICATE WELDING.
H. NO PENETRATIONS ARE PERMITTED THROUGH STRUCTURAL STEEL MEMBERS UNLESS INDICATED ON STRUCTURAL DRAWINGS OR APPROVED BY ARCHITECT/ENGINEER.
I. APPROVAL OF THE ARCHITECT/ENGINEER SHALL BE MANDATORY FOR THE USE OF CUTTING TORCH IN THE FIELD.
J. ALL GROUT UNDER STEEL PLATES SHALL BE NON-SHRINK "PRE-MIX" TYPE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI.
K. FOR ALL MISCELLANEOUS STEEL CONSTRUCTION NOT SHOWN ON STRUCTURAL DRAWINGS, SEE THE ARCHITECTURAL AND MECHANICAL DRAWINGS.
L. STRUCTURAL STEEL SHALL BE INSPECTED IN THE FIELD BY AN INDEPENDENT TESTING AGENCY APPROVED BY THE ARCHITECT AND PAID FOR BY THE CONTRACTOR.
M. ALL STEEL & CONNECTIONS EXPOSED TO WEATHER SHALL BE HOT DIP GALVANIZED.
N. STEEL CONNECTIONS NOT DETAILED ON THE DRAWINGS SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER WORKING FOR THE FABRICATOR WHO SHALL SUBMIT CALCULATIONS USING LRFD LOADS AND PROCEDURES. BEAM CONNECTIONS SHALL DEVELOP THE FACTORED END REACTIONS LISTED BELOW UNLESS NOTED OTHERWISE ON PLANS. CONNECTIONS SHALL BE DESIGNED FOR SHEAR AND ECCENTRICITY CONSIDERING THAT THE CONNECTION IS AN EXTENSION OF THE BEAM OR GIRDER AND TAKING INTO ACCOUNT THE EFFECTS OF COPES AND REDUCED SECTIONS.

W8, W10	15 KIPS
W12	20 KIPS
W14	25 KIPS
W16	30 KIPS
W18	35 KIPS
W21	40 KIPS
W24	50 KIPS

METAL DECK

A. METAL DECK SHALL CONFORM TO THE AISI (AMERICAN IRON AND STEEL INSTITUTE) SPECIFICATIONS FOR THE DESIGN OF LIGHT GAGE COLD-FORMED STRUCTURAL STEEL MEMBERS AND SDI CODE OF RECOMMENDED STANDARD PRACTICE
B. METAL DECKING SHALL BE MADE OF STEEL CONFORMING TO ASTM A653 GRADE A FOR GALVANIZED DECK AND/OR ASTM A1008, GRADE C FOR PAINTED DECK HAVING A MINIMUM YIELD STRENGTH OF 33,000 PSI.
C. ALL METAL DECK HAS BEEN DESIGNED TO BE CONTINUOUS OVER TWO SPANS MINIMUM, AND SHALL BEAR AT LEAST 2" ON STEEL SUPPORTS. FOR OTHER SPAN CONDITIONS, THE CONTRACTOR SHALL PROVIDE SHORING AS REQUIRED, OR FURNISH HIGHER GAGE DECK AS REQUIRED TO SUPPORT ALL THE APPLICABLE LOADS. CONTRACTOR SHALL SUBMIT ALTERNATE FOR APPROVAL.
D. ROOF DECK SHALL BE WELDED TO SUPPORTING STEEL WITH ⅝" DIAMETER PUDDLE WELDS AT 12" AND SIDE LAPS SHALL BE FASTENED WITH 1½" LONG TOP SEAM WELDS AT 24" OR #12 SCREWS AT 12".
E. FLOOR DECK SHALL BE WELDED TO SUPPORTING STEEL 1½" DIAMETER PUDDLE WELDS AT 12" (WELDS MAY BE ELIMINATED WHERE THEY COINCIDE WITH HEADED STUD ANCHORS) AND SIDE LAPS SHALL BE FASTENED WITH 1½" LONG TOP SEAM WELDS AT 36" OR #12 SCREWS AT 24".
F. PROVIDE RIDGE AND VALLEY PLATES, STANDARD CLOSURES, CANT STRIPS, POUR STOPS AND OTHER ACCESSORIES AS SHOWN ON DRAWINGS OR AS REQUIRED.
G. ROOF DECK SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES PER FOOT WIDTH:
1½", TYPE B, WIDE RIB, 18 GAUGE
I = 0.306 IN^4
SP = 0.314 IN^3
SN = 0.331 IN^3
F. FLOOR DECK SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES PER FOOT WIDTH:

1½", TYPE B, COMPOSITE, 20 GAUGE	3", TYPE W, COMPOSITE, 18 GAGE
I = 0.231 IN^4	I = 1.213 IN^4
SP = 0.230 IN^3	SP = 0.752 IN^3
SN = 0.237 IN^3	SN = 0.768 IN^3

G. PROVIDE STEEL LEDGER ANGLE L2½x2½x¼ AT STEEL COLUMNS AS REQUIRED FOR SUPPORT OF METAL DECKING.
H. DECK OPENINGS THAT ARE LARGER THAN 8" OR CUT THROUGH MORE THAN 2 WEBS SHALL BE REINFORCED PER TYPICAL DETAILS.
I. METAL DECK SHALL BE INSPECTED IN THE FIELD BY AN INDEPENDENT TESTING AGENCY APPROVED BY THE ARCHITECT AND PAID FOR BY THE CONTRACTOR.

DELEGATED DESIGN SUBMISSIONS

A. THE CONTRACTOR IS RESPONSIBLE FOR THE ENGINEERING OF THE FOLLOWING: CANOPIES, HANDRAILS, METAL STAIRS, AND COLD-FORMED METAL FRAMING AND THEIR CONNECTIONS TO THE STRUCTURE.
B. SHOP DRAWINGS AND CALCULATIONS FOR THESE ITEMS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. CALCULATIONS SHALL BE SIGNED & SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MARYLAND.

SPECIAL INSPECTION

A. SPECIAL INSPECTIONS	1704.2
B. STEEL CONSTRUCTION	1705.2
C. CONCRETE CONSTRUCTION	1705.3
D. MASONRY CONSTRUCTION	1705.4
E. SOILS	1705.6

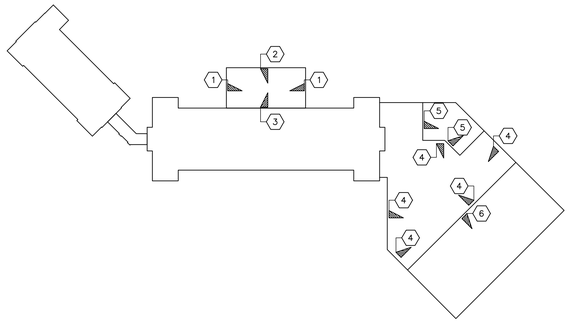
DESIGN CRITERIA

A. STRUCTURAL DESIGN SHALL BE IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE FOLLOWING CODE, STANDARDS AND SPECIFICATIONS:
1. INTERNATIONAL BUILDING CODE (IBC) 2015
2. ASCE 7-10 MIN. DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
3. ACI 318-11 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
4. ACI 530-11 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES.
5. AISC 360-10 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.
6. AWS D1.1 STRUCTURAL WELDING CODE - STEEL (2010).

B. SUPERIMPOSED DESIGN LOADS:
LIVE LOADS (MIN):
ROOFS, NON-REDUCIBLE: 30 PSF
CLASSROOMS: 40 PSF
CORRIDORS ABOVE THE FIRST FLOOR: 80 PSF
STAIRS AND CORRIDORS ON THE FIRST FLOOR: 100 PSF
STORAGE ROOMS: 125 PSF
MEDIA CENTER: 60 PSF
DINING ROOM: 100 PSF
THEATER/DANCE: 100 PSF
LEARNING STAIR: 100 PSF
THIRD FLOOR CEILING AT BLDG B: 13 PSF
DEAD LOADS:
ROOFS: 20 PSF (ADD'L 15 PSF FOR SOLAR PANELS ON GYM ROOF)
FLOORS: 65 PSF
ASCE 7-10: RISK CATEGORY = III
WIND LOADS:
ULTIMATE DESIGN SPEED: 120 MPH
EXPOSURE: B
INTERNAL PRESSURE COEFFICIENT, GCPi: +/-0.18
WIND VELOCITY PRESSURE (Ch&C)
ROOF ZONE 1: -40.1 PSF
ROOF ZONE 2: -62.9 PSF
ROOF ZONE 3: -85.7 PSF
WALL ZONE 4: +27.4 PSF / -27.4 PSF
WALL ZONE 5: +27.4 PSF / -50.2 PSF
EARTHQUAKE DESIGN DATA:
SEISMIC IMPORTANCE FACTOR: Ie=1.25
DESIGN SPECTRAL RESPONSE ACCELERATION: SdS=0.105
DESIGN SPECTRAL RESPONSE ACCELERATION: Sd1=0.060
SOIL SITE CLASSIFICATION: TYPE C
SEISMIC DESIGN CATEGORY: A
ANALYSIS PROCEDURE: DESIGN REQUIREMENTS FOR SDC A (ASCE7 SECTION 11.7)
SNOW LOADS:
GROUND SNOW LOAD (P_g): 30 PSF
FLAT ROOF SNOW LOAD (P_f): 23.1 PSF
SNOW EXPOSURE FACTOR (Ce): 1.0
SNOW THERMAL FACTOR (Ct): 1.0
SNOW LOAD IMPORTANCE FACTOR (Is): 1.10

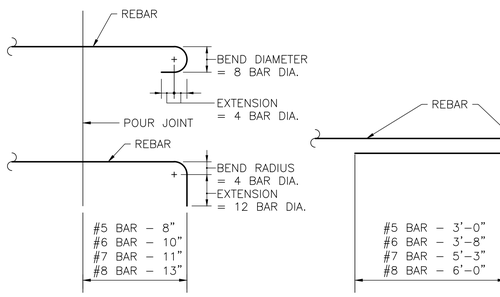
DRIFT SCHEDULE

MARK	DRIFT LOAD	DRIFT WIDTH
1	42.3 psf	9'-6"
2	29.9 psf	6'-8"
3	50.6 psf	11'-4"
4	18.7 psf	8'-4"
5	68.7 psf	15'-4"
6	73.7 psf	16'-6"



ABBREVIATIONS

∠	ANGLE
@	AT
℄	CENTERLINE
ø	DIAMETER
P	PLATE
AB	ANCHOR BOLT
ADD'L	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
ARCH	ARCHITECTURAL
B/FTG	BOTTOM OF FOOTING
BOT	BOTTOM
BRG	BEARING
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
COORD	COORDINATE
DEG	DEGREE
DIA	DIAMETER
DIM	DIMENSION
DO	DITTO
DTL	DETAIL
DWG(S)	DRAWING(S)
EA	EACH
EE	EACH END
EF	EACH FACE
ELEV	ELEVATION
EMBED	EMBED(MENT)
EQ	EQUAL
EX	EXISTING
EW	EACH WAY
EXP	EXPANSION
FF	FINISHED FLOOR
FTG	FOOTING
FV	FIELD VERIFY
FRP	FIBER REINFORCED PLASTIC
GALV	GALVANIZED
HD GALV	HOT-DIPPED GALVANIZED
HORIZ	HORIZONTAL
H.P.	HIGH POINT
HSS	HOLLOW STRUCTURAL SECTION
JT	JOINT
KSI	KIPS/SQUARE INCH
LLH	LONG LEG HORIZONTAL
LONG	LONGITUDINAL
L.P.	LOW POINT
LWC	LIGHTWEIGHT CONCRETE
MANUF	MANUFACTURER
MAX	MAXIMUM
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL AND PLUMBING
MIN	MINIMUM
MISC	MISCELLANEOUS
MRWR	MID RANGE WATER REDUCER
NO	NUMBER
OC	ON CENTER
PCF	POUNDS/CUBIC FOOT
PLWD	PLYWOOD
PSF	POUNDS/SQUARE FOOT
PSI	POUNDS/SQUARE INCH
REINF	REINFORCEMENT
RTU	ROOF TOP UNIT
SCH	SCHEDULE
SECT	SECTION
SF	SQUARE FOOT
SIM	SIMILAR
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
T&B	TOP & BOTTOM
T&G	TONGUE & GROOVE
T/SLAB	TOP OF SLAB
T/STEEL	TOP OF STEEL
TS	TUBE STEEL
TRANSV	TRANSVERSE
TYP	TYPICAL
T/WALL	TOP OF WALL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
W/C	WATER TO CEMENT RATIO
W/IN	WITHIN
W/O	WITHOUT
W.P.	WORK POINT
WWF	WELDED WIRE FABRIC



REBAR DETAILS
SCALE: NONE

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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST, BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 33393
EXPIRATION DATE: 8/25/2016

No.	DATE	DESCRIPTION

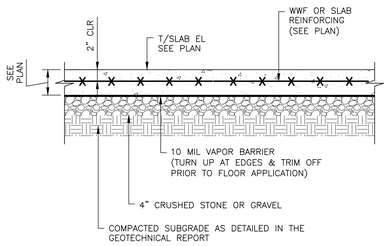
BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated
DRAWING NAME

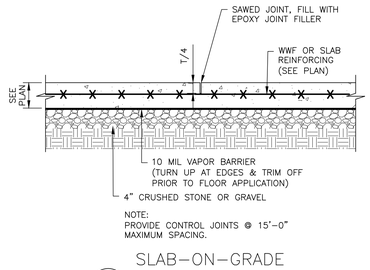
STRUCTURAL GENERAL NOTES

S-001

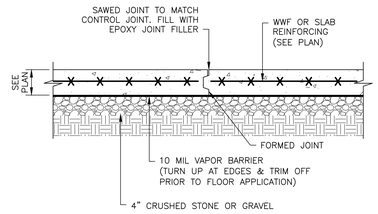
3/18/2016 5:47 PM



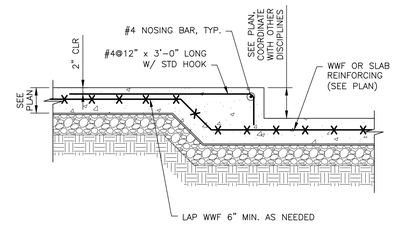
1 S-002 SLAB-ON-GRADE
SCALE: NONE



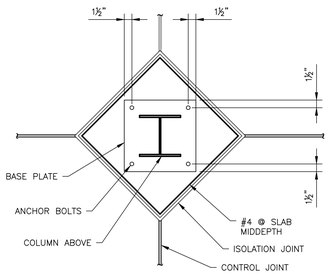
2 S-002 SLAB-ON-GRADE CONTROL JOINT
SCALE: NONE



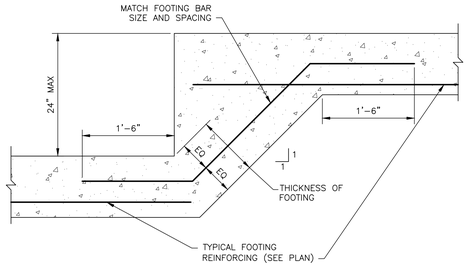
3 S-002 SLAB-ON-GRADE CONSTRUCTION JOINT
SCALE: NONE



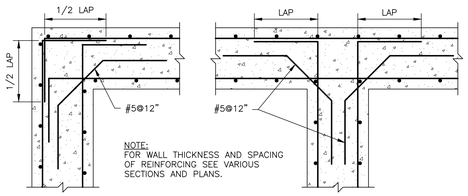
4 S-002 STEP IN SLAB-ON-GRADE
SCALE: NONE



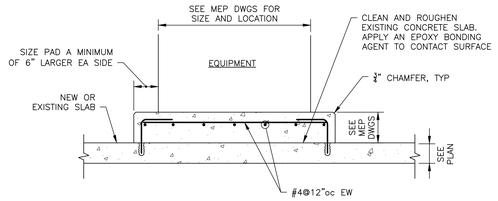
5 S-002 ISOLATION JOINT AT COLUMN
SCALE: NONE



6 S-002 STEP FOOTING
SCALE: NONE



7 S-002 REINFORCING AT INTERSECTIONS
SCALE: NONE

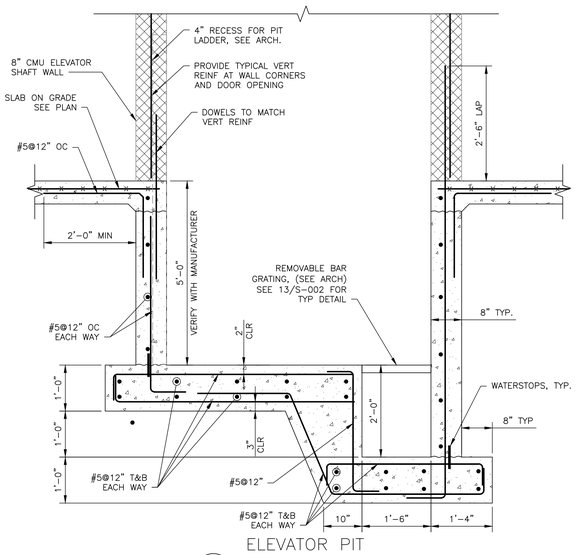


8 S-002 TYP. EQUIPMENT PAD SUPPORT
SCALE: NONE

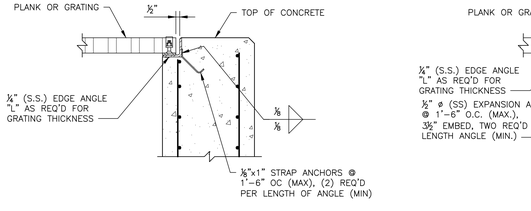
9 S-002 TYPICAL THICKENED SLAB
SCALE: NONE

10 S-002 THICKENED SLAB AT EXISTING
SCALE: NONE

11 S-002 THICKENED SLAB AT STAIR
SCALE: NONE

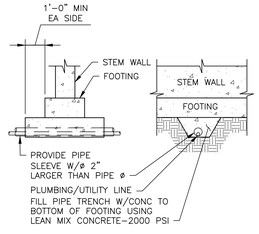


12 S-002 ELEVATOR PIT SECTION
SCALE: 3/4"=1'-0"

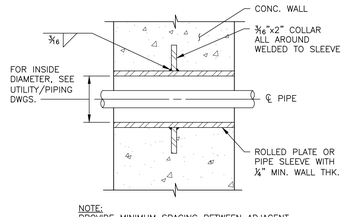


NOTE:
ALL DIMENSIONS ARE TO BE COORDINATED WITH GRTAING MANUFACTURER

13 S-002 TYPICAL GRATING SUPPORT
SCALE: 1"=1'-0"

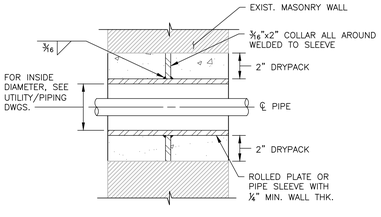


14 S-002 PIPE UNDER WALL FOOTING
SCALE: NONE



NOTE:
PROVIDE MINIMUM SPACING BETWEEN ADJACENT PIPE SLEEVES EQUAL TO WALL THICKNESS.

15 S-002 TYPICAL DETAIL PIPE SLEEVE IN CONCRETE WALL
SCALE: NONE



NOTE:
PROVIDE MINIMUM DISTANCE BETWEEN ADJACENT PIPE SLEEVES EQUAL TO 2X LARGER SLEEVE DIAMETER.

16 S-002 TYPICAL DETAIL PIPE SLEEVE IN EXISTING MASONRY WALL
SCALE: NONE

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LICENSE NO.: 23393
EXPIRATION DATE: 9/25/2016

No.	DATE	DESCRIPTION

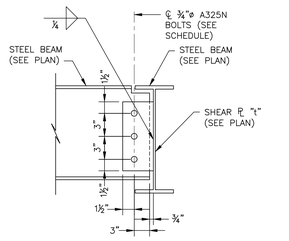
BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated

DRAWING NAME
TYPICAL CONCRETE DETAILS

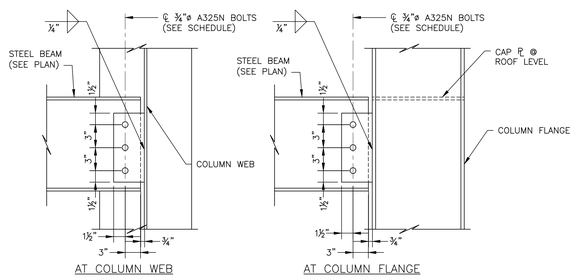
S-002

3/18/2016 5:47 PM



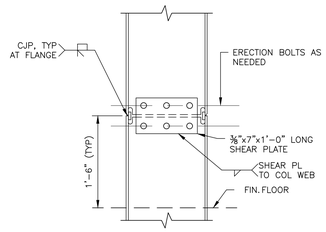
CONNECTION SCHEDULE		
BEAM SIZE	# OF BOLTS	SHEAR PLATE "t"
W8, W10	2	¼"
W12, W14	3	¼"
W16, W18	4	5/16"
W21, W24	5	5/16"

1 S-003 BEAN TO GIRDER STEEL CONNECTION
SCALE: NONE

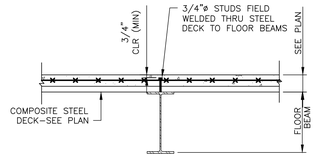


CONNECTION SCHEDULE		
BEAM SIZE	# OF BOLTS	SHEAR PLATE "t"
W8, W10	2	¼"
W12, W14	3	¼"
W16, W18	4	5/16"
W21, W24	5	5/16"

2 S-003 BEAM TO COLUMN STEEL CONNECTION
SCALE: NONE

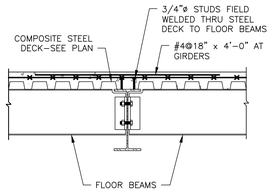


3 S-003 COLUMN SPLICE CONNECTION
SCALE: NONE



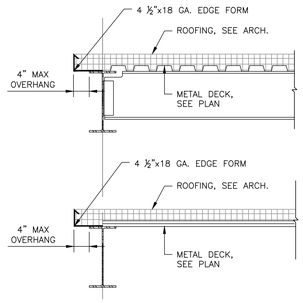
NOTES:
1. NUMBER OF STUDS-SEE PLAN
2. DRAPE WELDED WIRE FABRIC TO PROVIDE ¾" CLEAR COVER FROM TOP OF SLAB OVER BEAMS WELDED WIRE FABRIC SHALL BE AT MID-DEPTH OF SLAB PROVIDE HIGH CHAIRS AS REQUIRED

4 S-003 COMPOSITE BEAM
SCALE: NONE

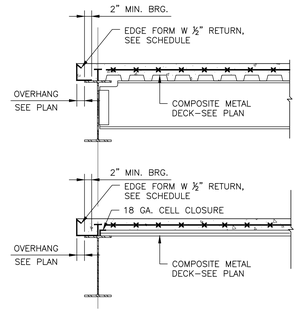


NOTES:
1. FLOOR BEAM CONNECTION-SEE DETAIL
2. SEE PLAN FOR NUMBER OF ¾"ø STUDS FIELD WELDED TO GIRDER

5 S-003 COMPOSITE GIRDER
SCALE: NONE

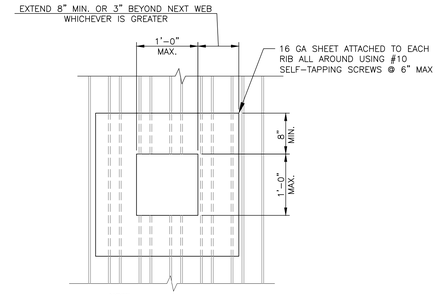


6 S-003 TYP. ROOF EDGES
SCALE: NONE



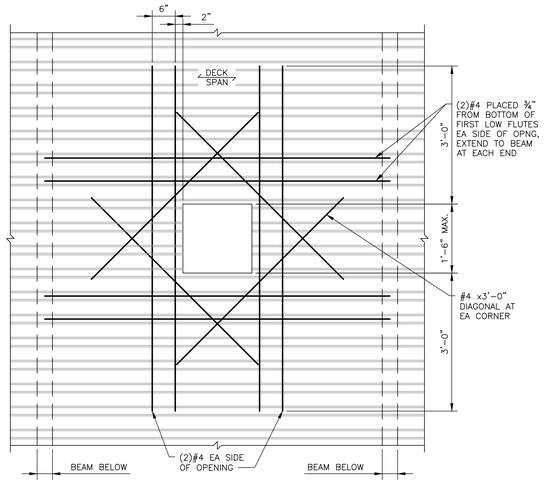
4" SLAB DEPTH EDGE FORM	
OH	THICKNESS
UP TO 3"	18 GA.
4" TO 5"	16 GA.
6" TO 8"	12 GA.

7 S-003 TYP. SLAB EDGES
SCALE: NONE



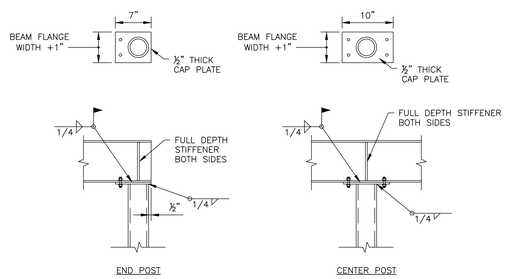
NOTE:
NO REINFORCING REQUIRED WHEN OPENING IS LESS THAN 6" AND CUTS NOR MORE THAN 2 WEBS.

8 S-003 OPENING IN ROOF DECK
SCALE: NONE

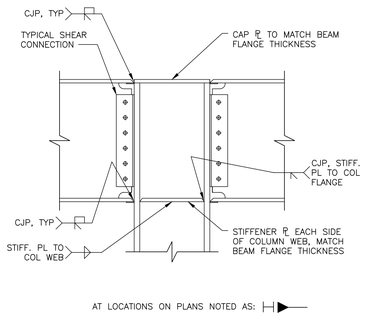


NOTES:
1. BLOCK-OUT CONCRETE AS REQUIRED. DO NOT CUT DECK UNTIL CONCRETE HAS BEEN PLACED AND CURED.
2. WHEN MAXIMUM DIMENSION OF OPENING EXCEEDS 18", PLACE HEADER BEAMS AROUND OPENING.
3. OPENINGS LESS THAN 6" DO NOT NEED REINFORCING.

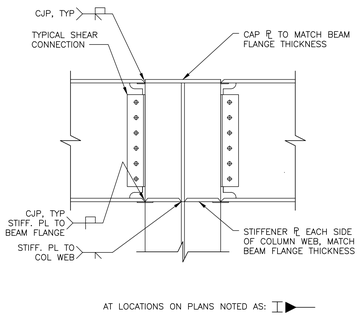
9 S-003 OPENING IN FLOOR DECK
SCALE: NONE



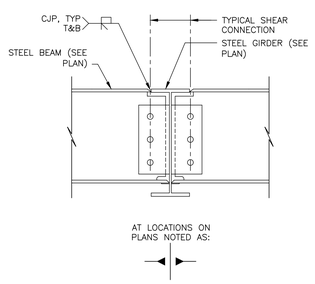
10 S-003 TYPICAL BEAM TO POST CONNECTION DETAIL
SCALE: NONE



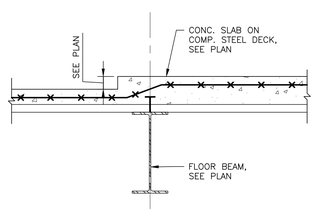
11 S-003 MOMENT CONNECTION AT COLUMN FLANGE
SCALE: NONE



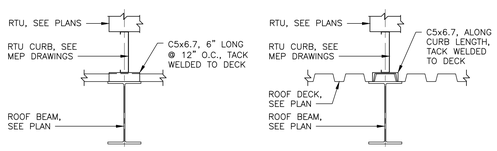
12 S-003 MOMENT CONNECTION AT COLUMN WEB
SCALE: NONE



13 S-003 MOMENT CONNECTION AT GIRDER
SCALE: NONE



14 S-003 STEP FLOOR SLAB
SCALE: NONE



CURB PERPENDICULAR TO DECK

CURB PARALLEL TO DECK

15 S-003 RTU SUPPORT DETAIL
SCALE: NONE

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LICENSE NO.: 22280
EXPIRATION DATE: 9/25/2016

No.	DATE	DESCRIPTION

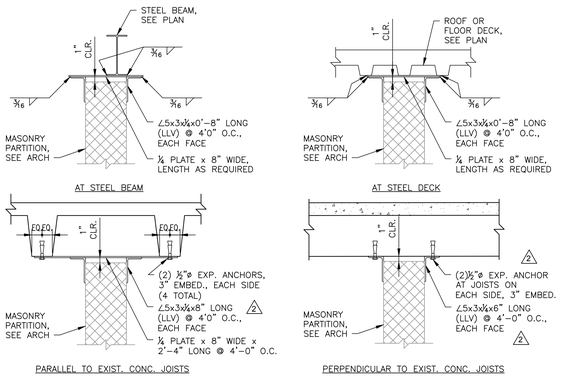
BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated

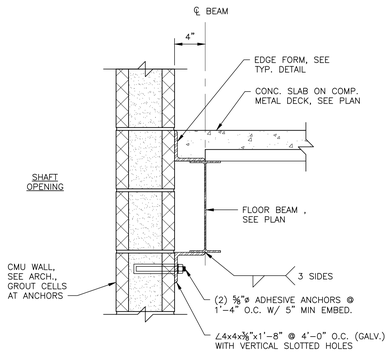
DRAWING NAME
TYPICAL STEEL DETAILS

S-003

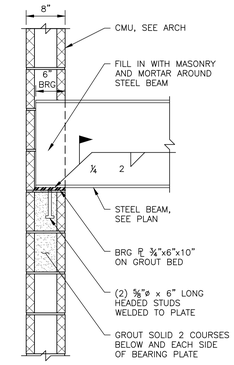
3/18/2016 5:47 PM



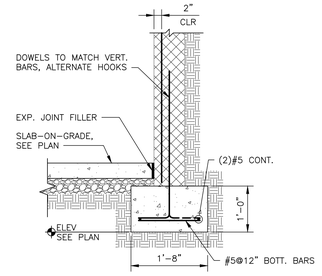
1 S-004 TYPICAL MASONRY PARTITION BRACING
SCALE: 1"=1'-0"



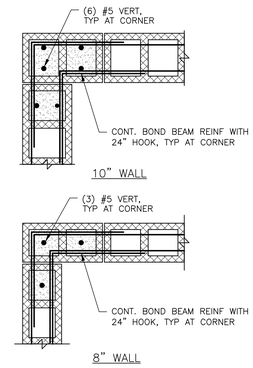
2 S-004 TYPICAL SLAB EDGE AT SHAFT OPENING
SCALE: 1 1/2"=1'-0"



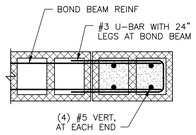
3 S-004 TYPICAL BEAM BEARING ON WALL
SCALE: 1"=1'-0"

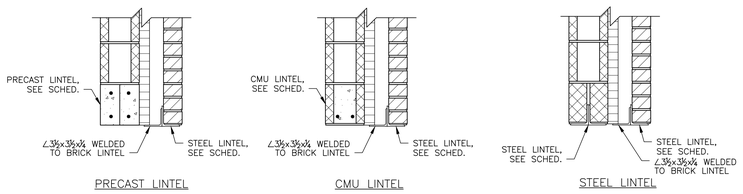


4 S-004 TYPICAL CMU WALL FOOTING
SCALE: 3/4" = 1'-0"



5 S-004 REINFORCING AT CORNER
SCALE: 1"=1'-0"



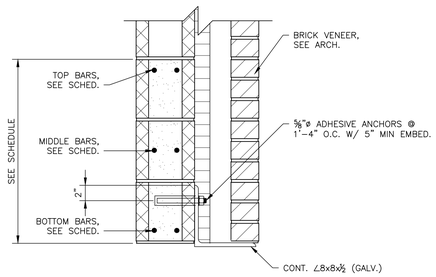


OPNG WIDTH	PRECAST (1)	CMU	STEEL (1)
UP TO 4'-0"	4"x8" (1) #3 T&B	8" DEEP (1) #5 BOT	∠4x3 1/2x5/16
UP TO 8'-0"	4"x8" (1) #4 T&B	8" DEEP (2) #5 BOT	∠6x3 1/2x5/16

NOTES:
1. PROVIDE ONE LINTEL FOR EACH 4" OF WALL THICKNESS.
2. ALL STEEL LINTELS IN EXTERIOR WALLS SHALL BE HOT-DIP GALVANIZED.
3. PROVIDE MINIMUM BEARING OF 1" PER FOOT OF SPAN ON EACH END.

6 S-004 REINFORCING AT JAMBS AND WALL ENDS
SCALE: 1"=1'-0"

7 S-004 TYPICAL LINTELS IN EXTERIOR WALLS
SCALE: 1"=1'-0"



8 S-004 BOND BEAM LINTEL AT CURTAIN WALL
SCALE: 1 1/2"=1'-0"

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LICENSE NO.: 23393
EXPIRATION DATE: 8/25/2016

No.	DATE	DESCRIPTION
2	05/06/16	Addendum #5

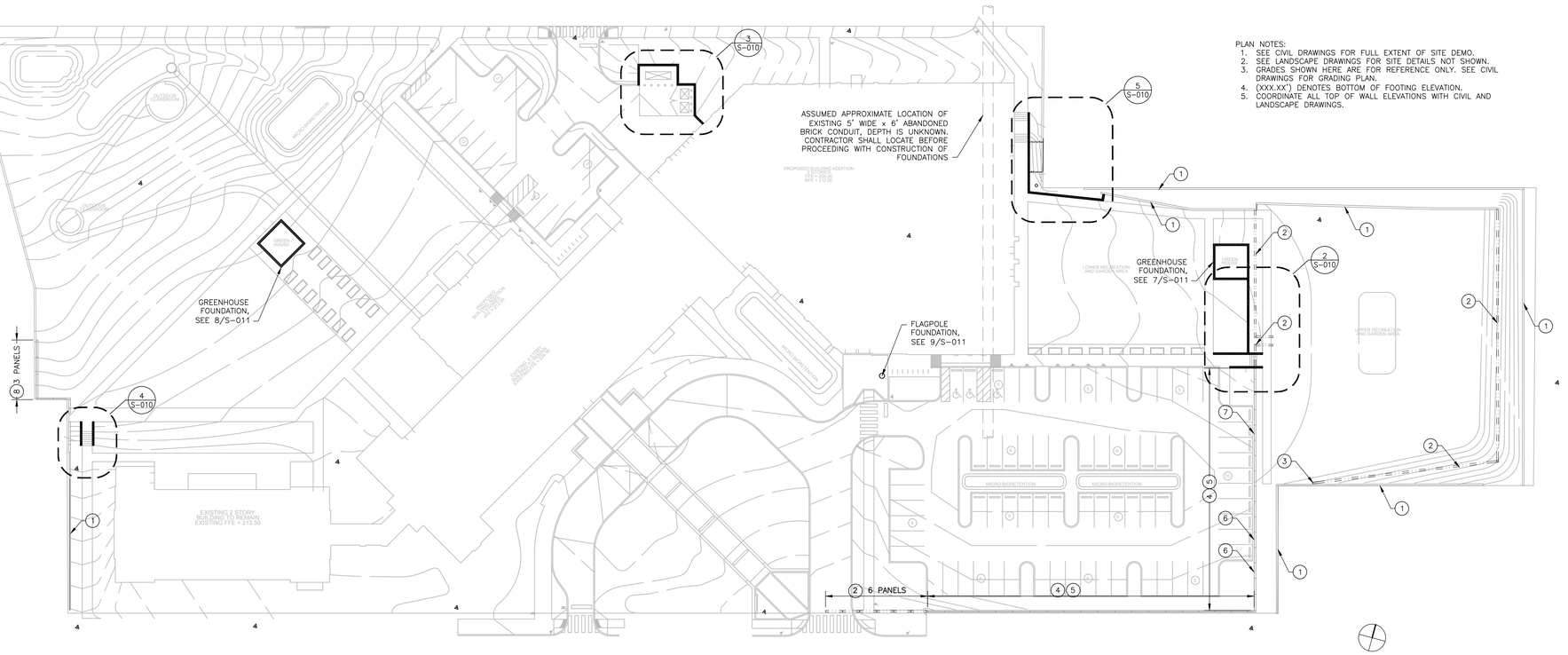
BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated

DRAWING NAME
TYPICAL CMU DETAILS

S-004

3/18/2016 5:47 PM



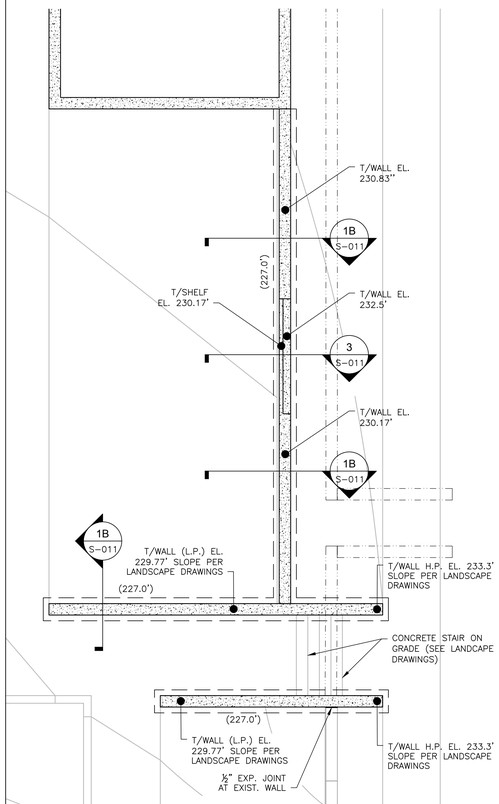
PLAN NOTES:
1. SEE CIVIL DRAWINGS FOR FULL EXTENT OF SITE DEMO.
2. SEE LANDSCAPE DRAWINGS FOR SITE DETAILS NOT SHOWN.
3. GRADES SHOWN HERE ARE FOR REFERENCE ONLY. SEE CIVIL DRAWINGS FOR GRADING PLAN.
4. (XXX.XX') DENOTES BOTTOM OF FOOTING ELEVATION.
5. COORDINATE ALL TOP OF WALL ELEVATIONS WITH CIVIL AND LANDSCAPE DRAWINGS.

LEGEND

1. EXISTING RETAINING WALL TO REMAIN UNALTERED. DO NOT DISTURB AREA ALONG ADJACENT BUILDING WITHOUT PRIOR AUTHORIZATION FROM MSA.
2. EXISTING WALL TO BE REMOVED.
3. REPAIR FACE OF EXISTING CONCRETE WALL WHERE LOW WALL IS REMOVED PER 5/S-011.
4. EXISTING WALL TO REMAIN. CLEAN OUT JOINTS BETWEEN WALL PANELS AND SEAL WITH FLEXIBLE JOINT SEALANT. REPAIR CRACKS AS FOLLOWS:
   - SMALLER THAN 1/64": NO REPAIR NEEDED
   - BETWEEN 1/64" AND 1/16": NON-STRUCTURAL REPAIR AS NEEDED FOR FINISH COATING, SEE SPECIFICATIONS.
   - LARGER THAN 1/16": EPOXY INJECTION PER 4/S-011.
5. EXISTING WALL TO REMAIN. REMOVE APPROXIMATELY 6" FROM TOP OF WALL AND REPLACE PER 6/S-011.
6. FOR PANELS WITH EXTENSIVE SURFACE CRACKING, REMOVE DETERIORATED CONCRETE AND REPAIR PER 5/S-011.
7. PATCH HOLE AT BOTTOM OF WALL PANEL PER 5/S-011.
8. EXISTING CONCRETE WALL TO REMAIN WHERE GRADE IS HIGHER AT ADJACENT PROPERTY TO FACILITATE CONSTRUCTION.

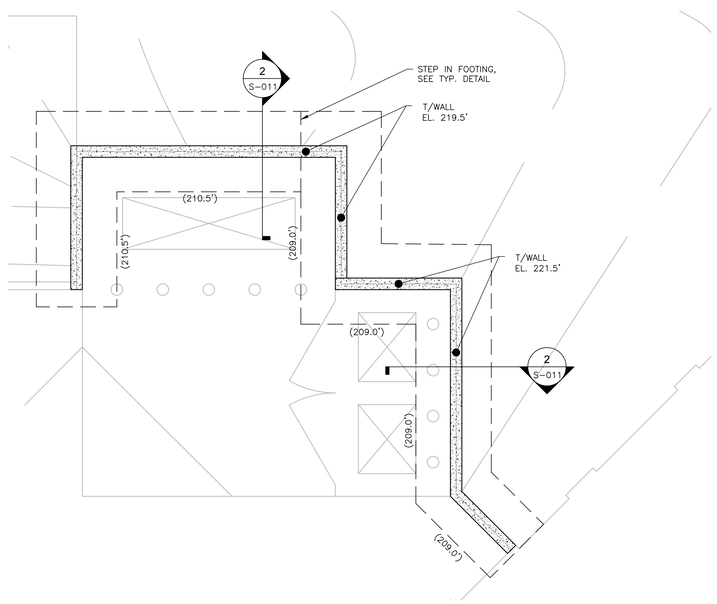
1 STRUCTURAL SITE PLAN

Scale: 1/32"=1'-0"



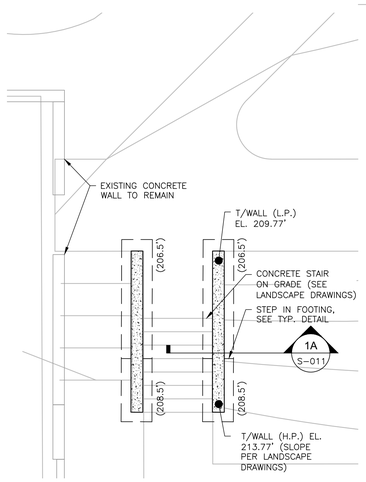
2 ENLARGED SITE WALL PLAN

Scale: 3/16"=1'-0"



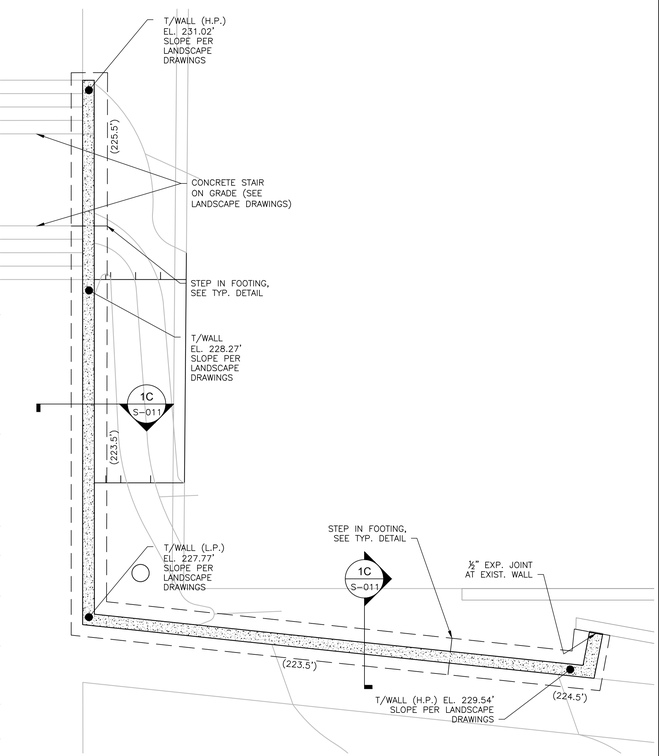
3 ENLARGED SITE WALL PLAN

Scale: 3/16"=1'-0"



4 ENLARGED SITE WALL PLAN

Scale: 3/16"=1'-0"



5 ENLARGED SITE WALL PLAN

Scale: 3/16"=1'-0"

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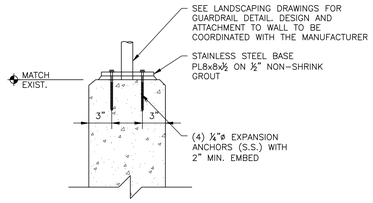
BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated
DRAWING NAME

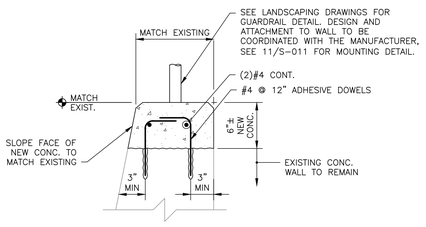
STRUCTURAL SITE PLAN

S-010

3/18/2016 5:47 PM

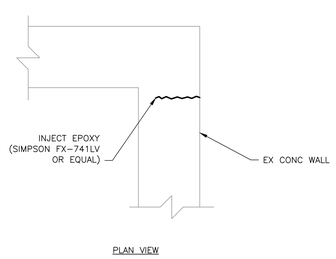


11 S-011 FENCE MOUNTING DETAIL
SCALE: NONE

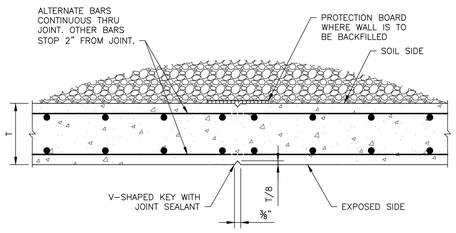


6 S-011 EXISTING WALL REPAIR
SCALE: NONE

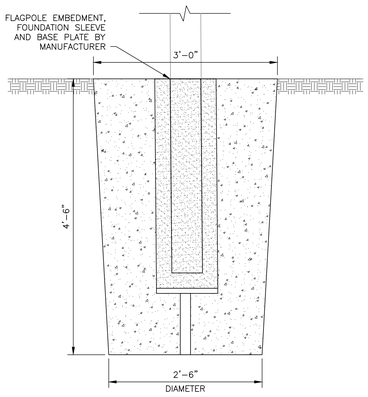
5 S-011 REPAIR FOR SPALL IN CONCRETE WALL
SCALE: NONE



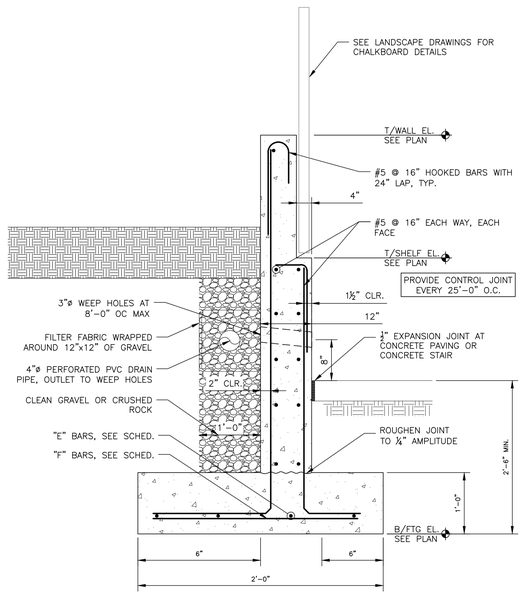
4 S-011 REPAIR FOR CRACK IN CONCRETE WALL
SCALE: NONE



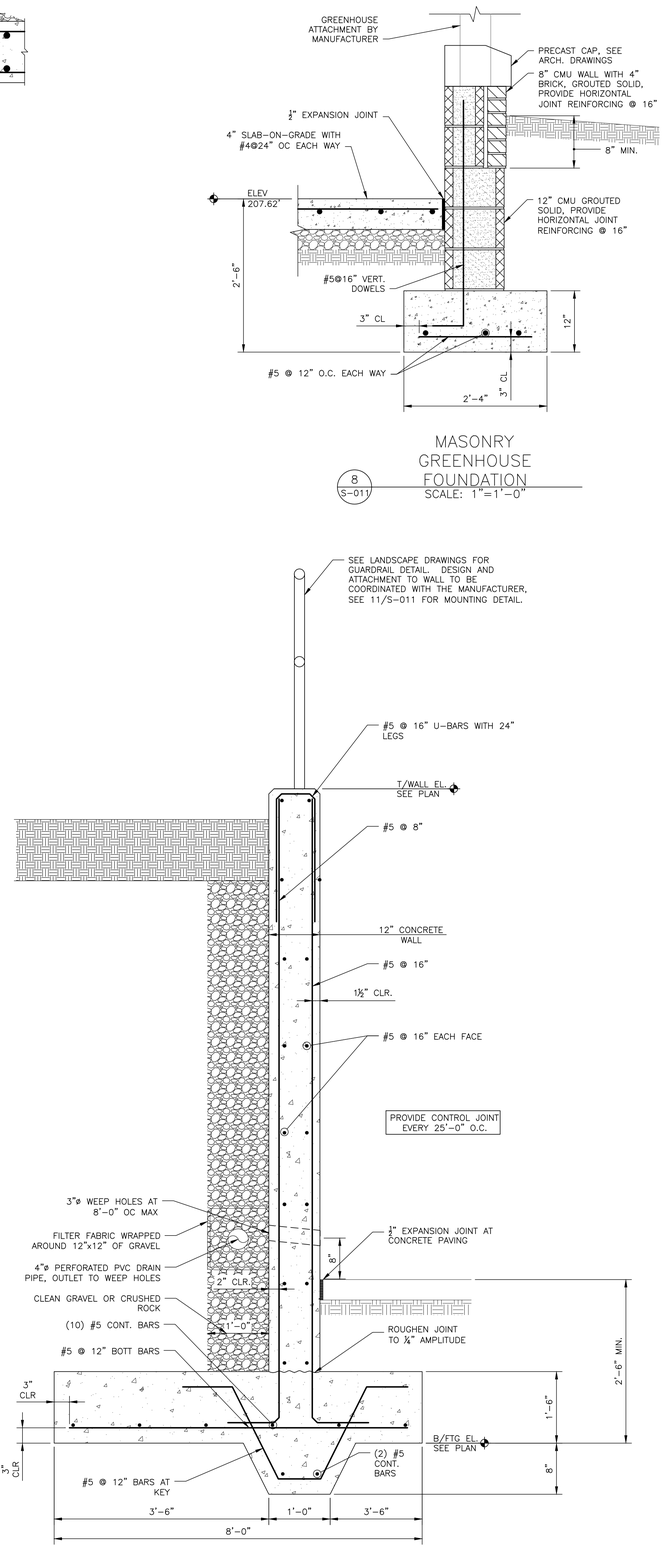
10 S-011 TYPICAL WALL CONTROL JOINT (@ 25'-0" O/C MAX)
SCALE: NONE



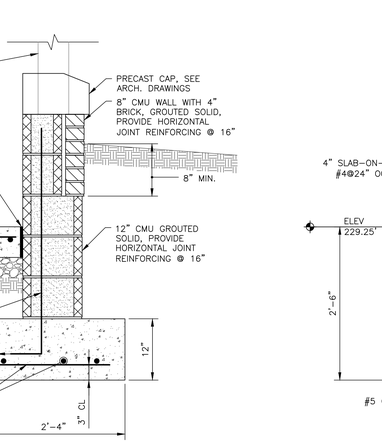
9 S-011 FALGPOLE FOUNDATION
SCALE: 1"=1'-0"



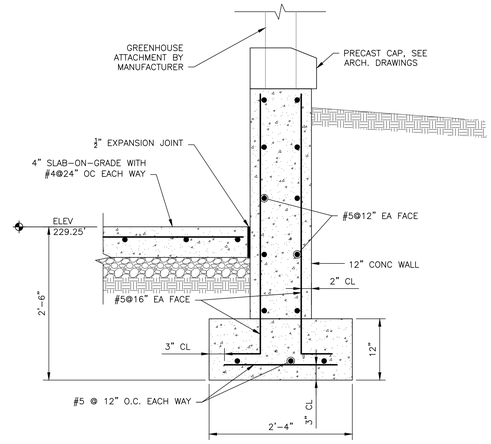
3 S-011 SITE RETAINING WALL TYPE 3
SCALE: NONE



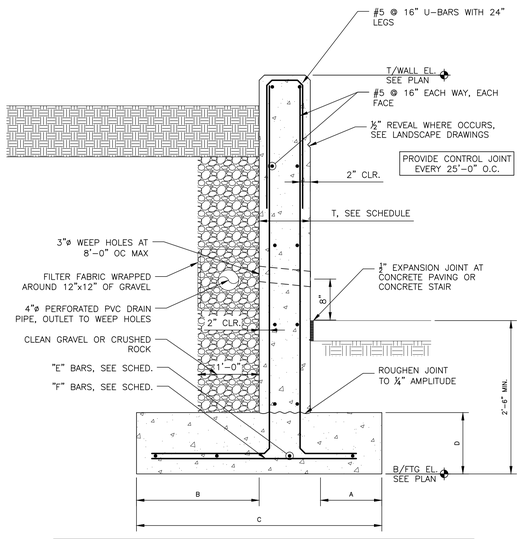
2 S-011 SITE RETAINING WALL TYPE 2
SCALE: NONE



8 S-011 MASONRY GREENHOUSE FOUNDATION
SCALE: 1"=1'-0"



7 S-011 CONCRETE GREENHOUSE FOUNDATION
SCALE: 1"=1'-0"



WALL FOOTING SCHEDULE							
MARK	A	B	C	D	E	F	T
WALL 1A	0'-6"	0'-6"	1'-10"	1'-0"	(3) #5	#5 @ 12"	0'-10"
WALL 1B	0'-6"	0'-6"	2'-0"	1'-0"	(3) #5	#5 @ 12"	1'-0"
WALL 1C	1'-0"	1'-0"	3'-0"	1'-0"	(4) #5	#5 @ 12"	1'-0"

1C S-011 1B S-011 1A S-011 SITE RETAINING WALL TYPE 1
SCALE: NONE

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No.	DATE	DESCRIPTION

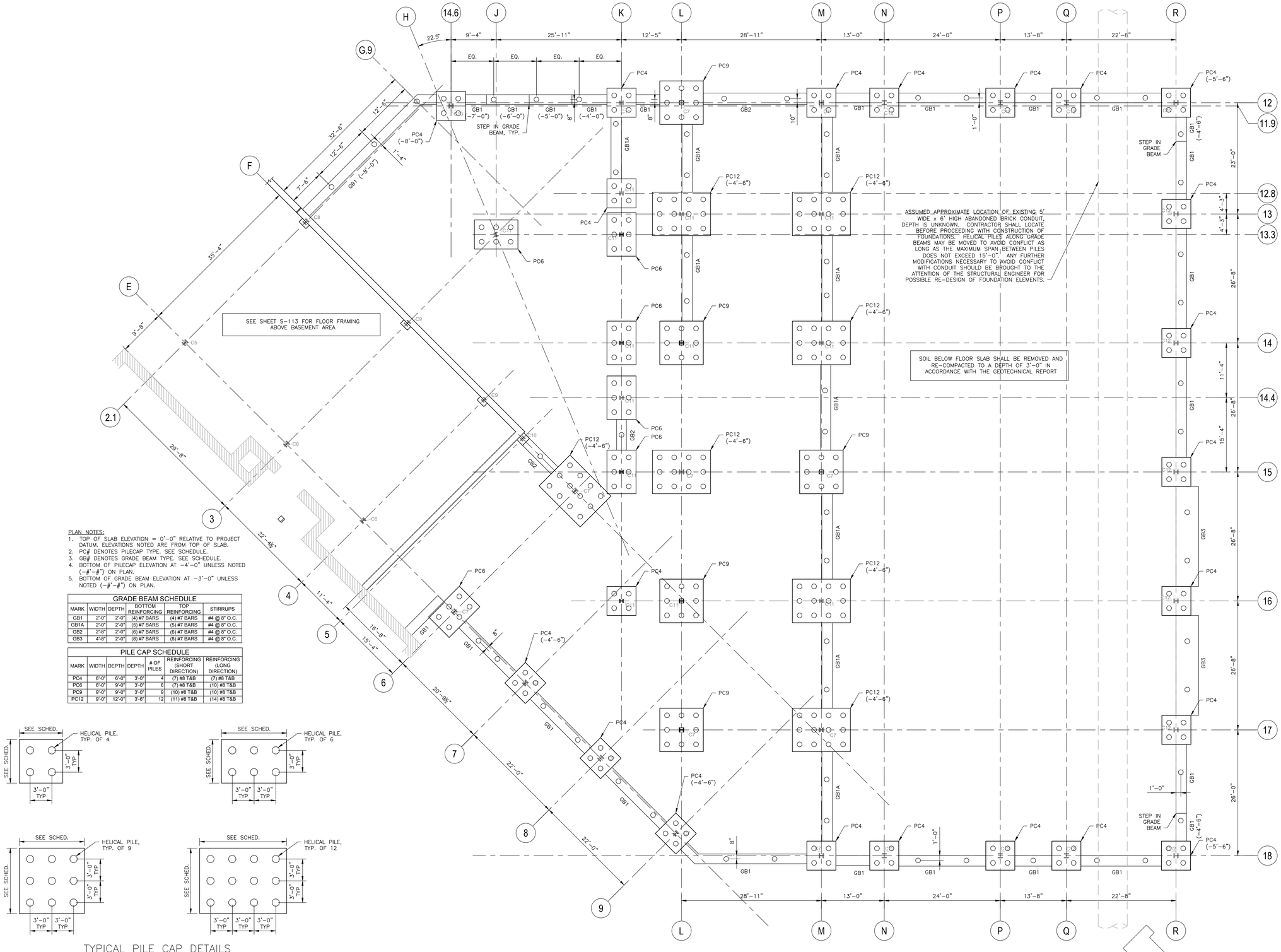
BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated
DRAWING NAME

STRUCTURAL SITE DETAILS

S-011

3/18/2016 5:47 PM



PLAN NOTES:

1. TOP OF SLAB ELEVATION = 0'-0" RELATIVE TO PROJECT DATUM. ELEVATIONS NOTED ARE FROM TOP OF SLAB.
2. PC# DENOTES PILECAP TYPE. SEE SCHEDULE.
3. GB# DENOTES GRADE BEAM TYPE. SEE SCHEDULE.
4. BOTTOM OF PILECAP ELEVATION AT -4'-0" UNLESS NOTED (-#'-#") ON PLAN.
5. BOTTOM OF GRADE BEAM ELEVATION AT -3'-0" UNLESS NOTED (-#'-#") ON PLAN.

GRADE BEAM SCHEDULE

MARK	WIDTH	DEPTH	BOTTOM REINFORCING	TOP REINFORCING	STIRRUPS
GB1	2'-0"	2'-0"	(4) #7 BARS	(4) #7 BARS	#4 @ 8" O.C.
GB1A	2'-0"	2'-0"	(5) #7 BARS	(5) #7 BARS	#4 @ 8" O.C.
GB2	2'-8"	2'-0"	(6) #7 BARS	(6) #7 BARS	#4 @ 8" O.C.
GB3	4'-8"	2'-0"	(8) #7 BARS	(8) #7 BARS	#4 @ 8" O.C.

PILE CAP SCHEDULE

MARK	WIDTH	DEPTH	DEPTH	# OF PILES	REINFORCING (SHORT DIRECTION)	REINFORCING (LONG DIRECTION)
PC4	6'-0"	6'-0"	3'-0"	4	(7) #8 T&B	(7) #8 T&B
PC6	6'-0"	9'-0"	3'-0"	6	(7) #8 T&B	(10) #8 T&B
PC9	9'-0"	9'-0"	3'-0"	9	(10) #8 T&B	(10) #8 T&B
PC12	9'-0"	12'-0"	3'-6"	12	(11) #8 T&B	(14) #8 T&B

TYPICAL PILE CAP DETAILS

1 FOUNDATION PLAN OPTION B

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

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No.	DATE	DESCRIPTION

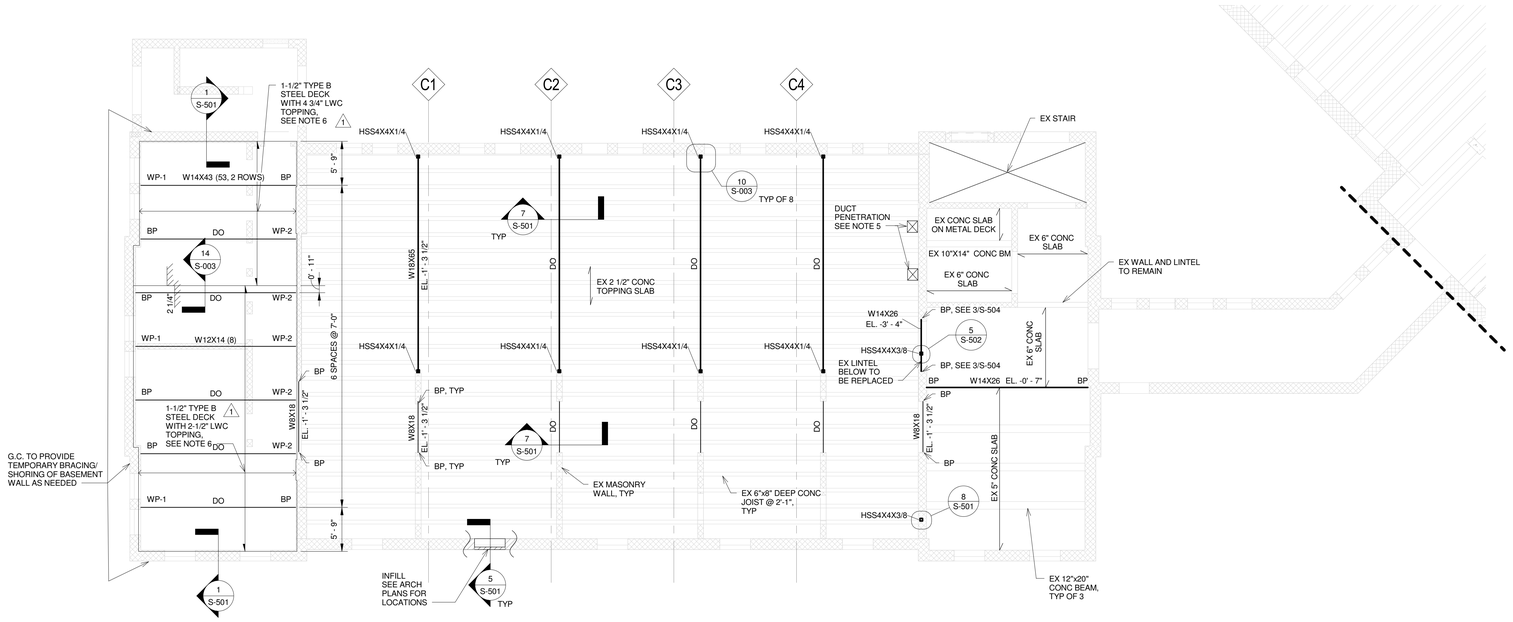
BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated

DRAWING NAME
PILE LAYOUT PLAN

S-101

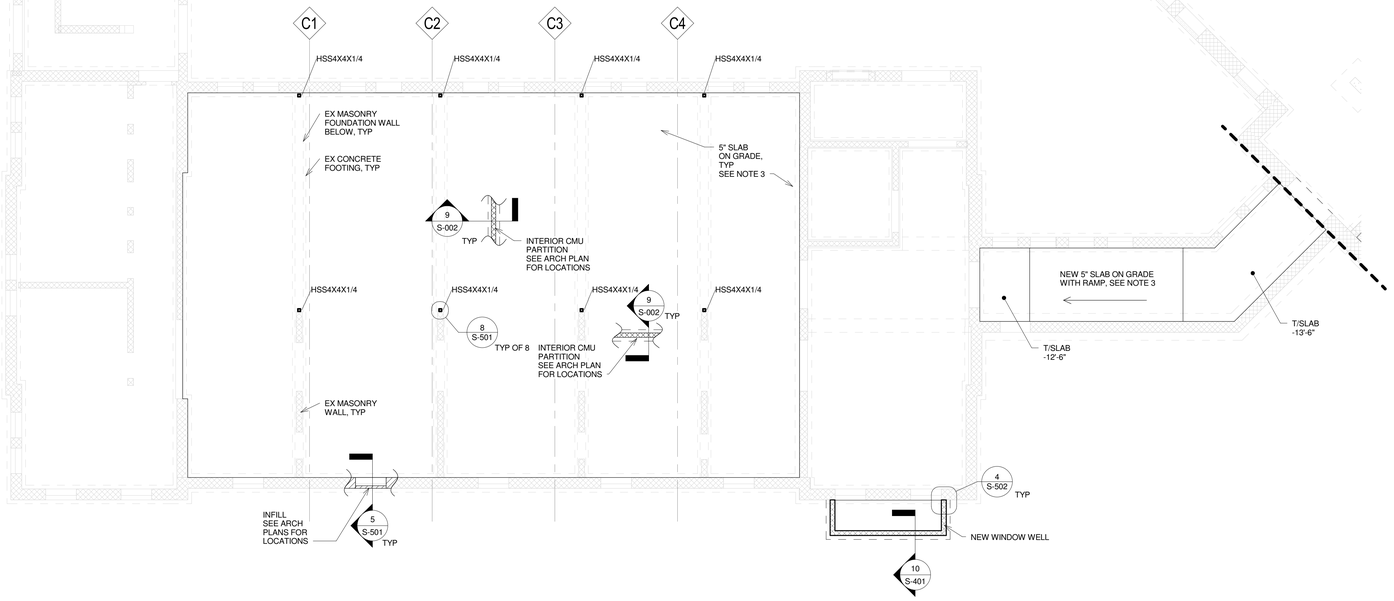
3/18/2016 5:47 PM



2 L1-A
1/8" = 1'-0"

NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. T/SLAB ELEVATION = 0'-0" RELATIVE TO PROJECT DATUM UNLESS NOTED OTHERWISE.
3. T/STL ELEVATION = -6 1/4" FROM TOP OF SLAB UNLESS NOTED OTHERWISE.
4. SEE S-003 FOR TYPICAL STEEL DETAILS NOT CALLED OUT.
5. COORDINATE DUCT PENETRATIONS WITH MECHANICAL DRAWINGS. OPENINGS TO BE LOCATED BETWEEN EXISTING JOISTS. RELOCATE OPENINGS AS NEEDED.
6. CONCRETE ON STEEL DECK TO BE REINFORCED WITH WWF 6X6-W1.4XW1.4. 1/



1 Foundation A
1/8" = 1'-0"

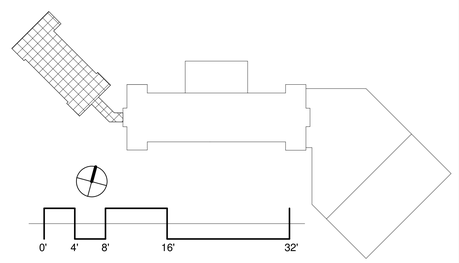
NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. T/SLAB ELEVATION = -12'-6" RELATIVE TO PROJECT DATUM UNLESS NOTED OTHERWISE.
3. SLAB ON GRADE TO BE REINFORCED WITH WWF 6X6-W1.4XW1.4. PROVIDE CONTROL JOINTS AT 15'-0" OC MAXIMUM SPACING. SEE TYPICAL DETAILS ON S-002.

WALL PLATE SCHEDULE	
MARK	DETAIL
WP-1	11/S-501
WP-2	12/S-501

	NORTH ARROW
	SPAN DIRECTION, ONE WAY SLAB
	TWO WAY SLAB
	MOMENT CONNECTION
	CANTILEVER MOMENT CONNECTION
(##)	NO. OF SHEAR STUDS
C = #	CAMBER
F# (H'-H")	FOUNDATION TAG AND BOTTOM OF FOOTING ELEVATION
C#	COLUMN TAG
BF#	BRACED FRAME TAG
MF#	MOMENT FRAME TAG
BP	BEAM POCKET (SEE 2/S-501 U.N.O.)
WP	WALL PLATE
##K	REACTION FOR CONNECTION DESIGN
●	INDICATES BENT STRINGER

Legend
1/8" = 1'-0"



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49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST, BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL STRUCTURAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 23293
EXPIRATION DATE: 9/25/2016

No.	DATE	DESCRIPTION
1	04/18/16	Addendum #2

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/2016

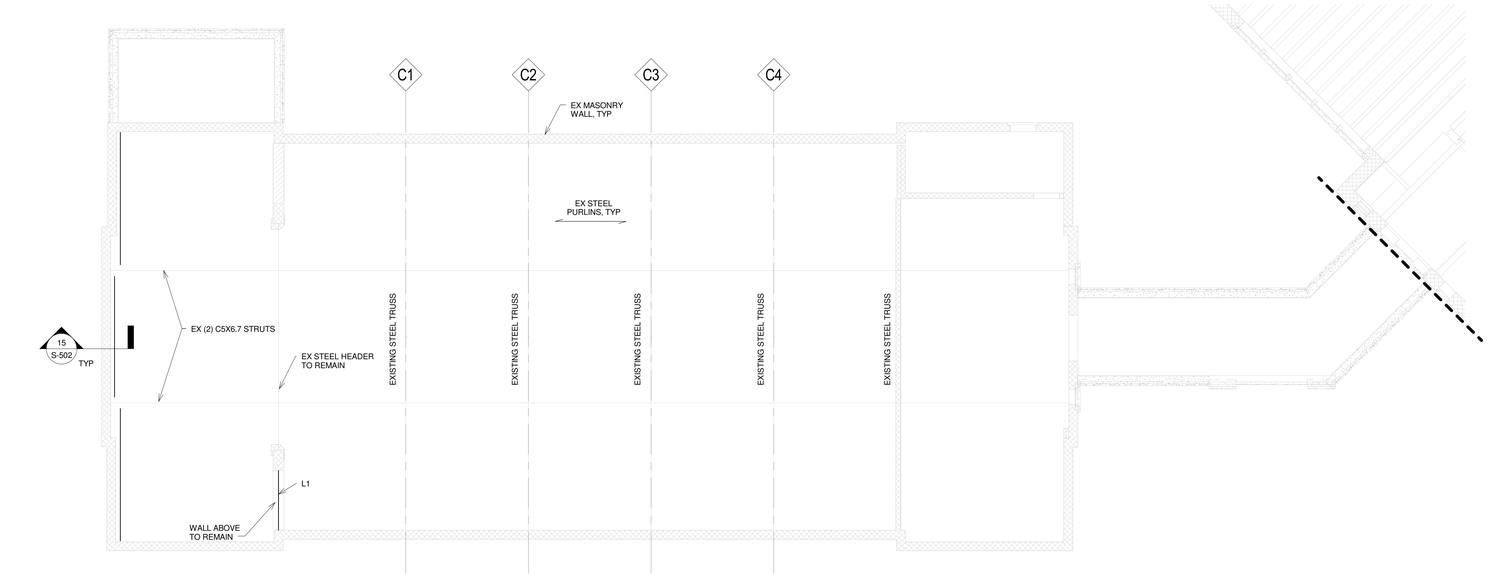
SCALE: 1/8" = 1'-0"

DRAWING NAME

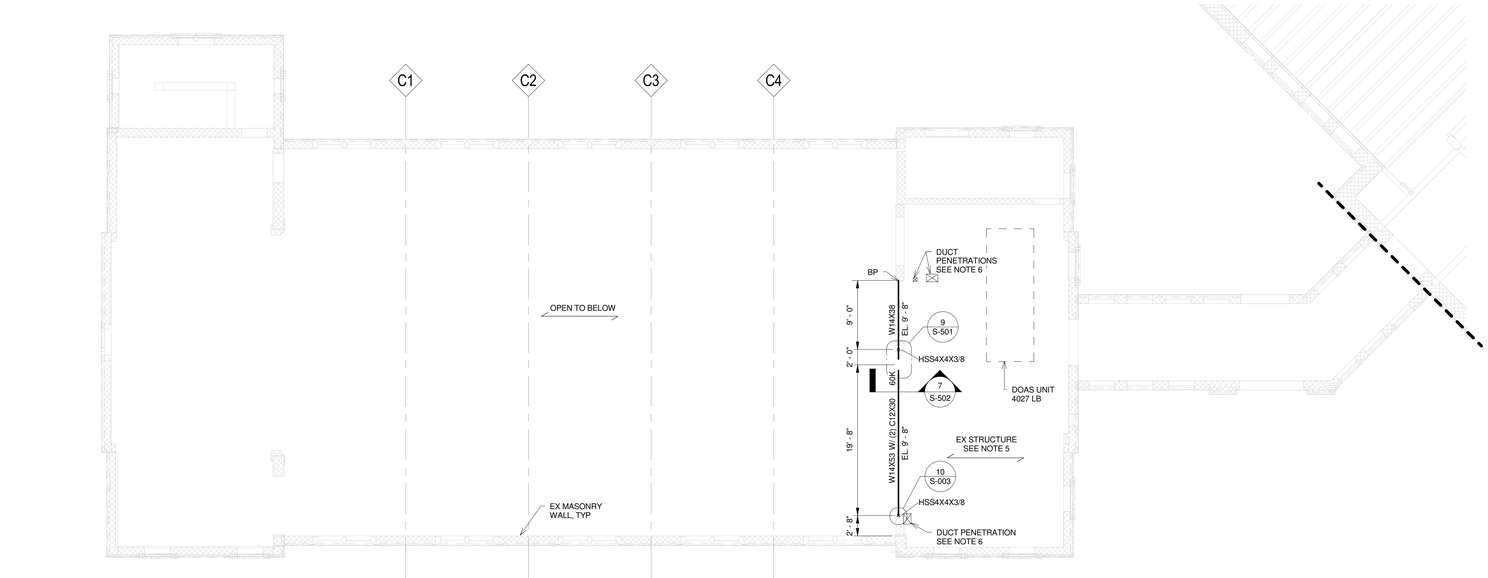
FNDN A, LEVEL 1A

S-111

7/27/2016 2:23:53 PM



2 Roof A
1/8" = 1'-0"



1 L2-A
1/8" = 1'-0"

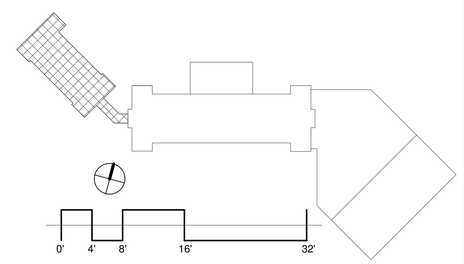
NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. T/SLAB ELEVATION = 13'-6" RELATIVE TO PROJECT DATUM UNLESS NOTED OTHERWISE.
3. SEE S-003 FOR TYPICAL STEEL DETAILS NOT CALLED OUT.
4. SEE GENERAL NOTES FOR TYPICAL CONNECTION DESIGN. REACTIONS SHOWN IN PLAN FOR CONNECTIONS WITH GREATER REACTIONS.
5. EXISTING STRUCTURE CONSISTS OF A CONCRETE, STEPPED BALCONY SUPPORTED ON CONCRETE GIRDERS AND BEAMS. IN THE 1985 RENOVATION, THE BALCONY WAS LEVELED OFF USING MASONRY BLOCKS AND CONCRETE ON STEEL DECK.
6. COORDINATE DUCT PENETRATIONS WITH MECHANICAL DRAWINGS. OPENINGS TO BE LOCATED BETWEEN EXISTING JOISTS. RELOCATE OPENINGS AS NEEDED.

LINTEL SCHEDULE		
Mark	Type	Detail
L1	Steel Angles	4/S-501
L2	WF BEAM	10/S-501

	NORTH ARROW
	SPAN DIRECTION, ONE WAY SLAB
	TWO WAY SLAB
	MOMENT CONNECTION
	CANTILEVER MOMENT CONNECTION
(##)	NO. OF SHEAR STUDS
C = #	CAMBER
F# (H'-H")	FOUNDATION TAG AND BOTTOM OF FOOTING ELEVATION
C#	COLUMN TAG
BF#	BRACED FRAME TAG
MF#	MOMENT FRAME TAG
BP	BEAM POCKET (SEE 2/S-501 U.N.O.)
WP	WALL PLATE
##K	REACTION FOR CONNECTION DESIGN
●	INDICATES BENT STRINGER

Legend
1/8" = 1'-0"



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LICENSE NO.: 23293
EXPIRATION DATE: 9/25/2016

No.	DATE	DESCRIPTION

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/2016

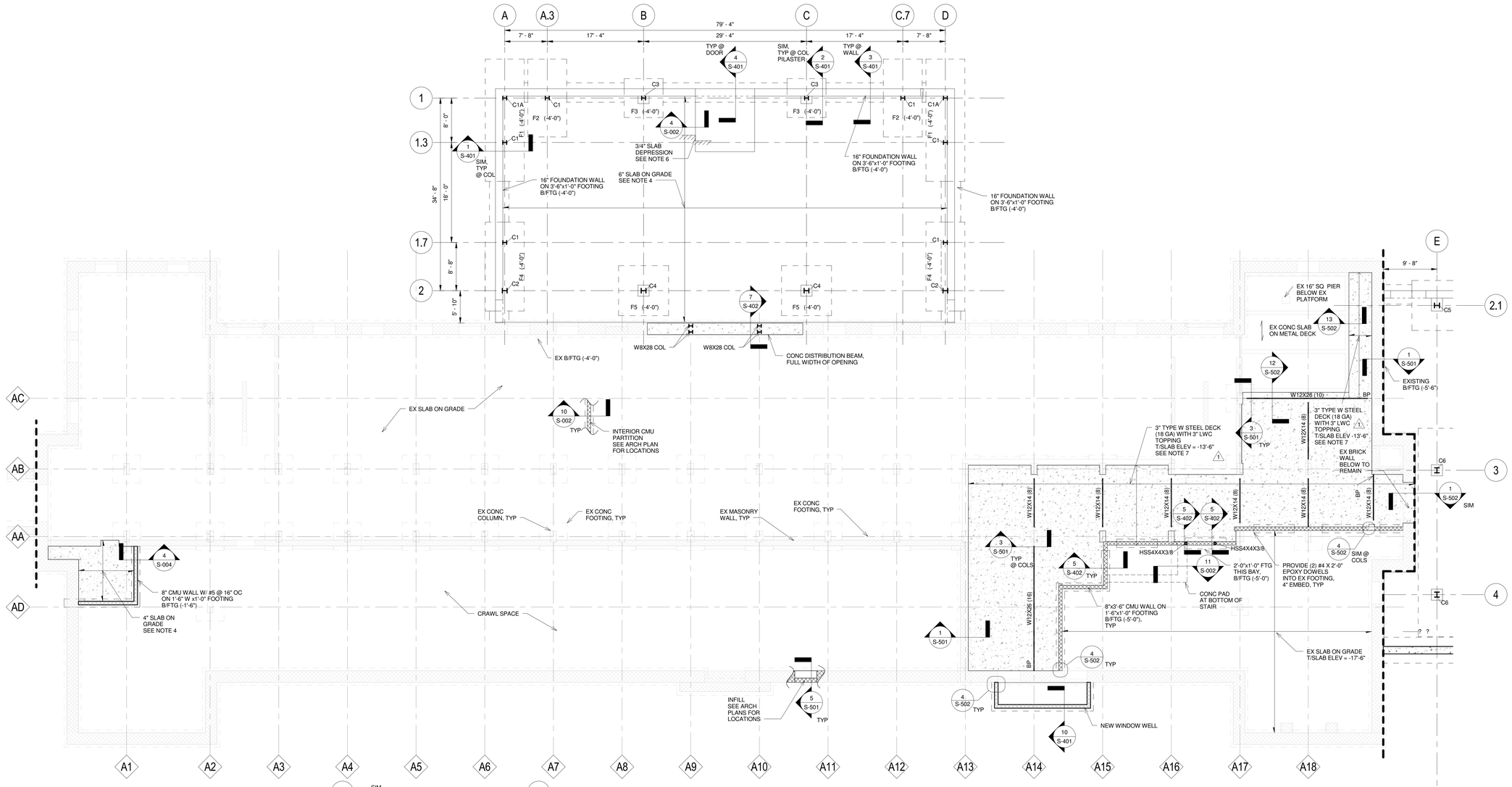
SCALE: 1/8" = 1'-0"

DRAWING NAME

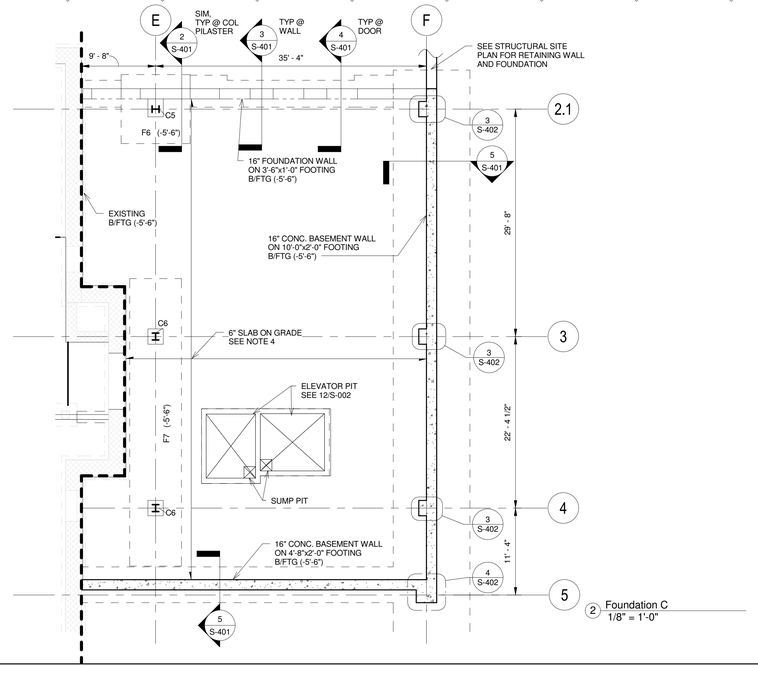
LEVEL 2A, ROOF A

S-112

7/27/2016 2:23:56 PM



1 Foundation B
1/8" = 1'-0"



2 Foundation C
1/8" = 1'-0"

STRUCTURAL FOUNDATION SCHEDULE (3000 psf Bearing Capacity)

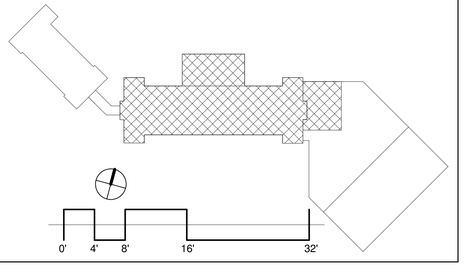
Foundation	Width	Length	Thickness	Reinforcement Short Direction	Reinforcement Long Direction	Count
F1	7' - 0"	22' - 0"	3' - 0"	23 No. 8 Bars, T&B	8 No. 8 Bars, T&B	2
F2	7' - 0"	14' - 0"	3' - 0"	15 No. 8 Bars, T&B	8 No. 8 Bars, T&B	2
F3	7' - 0"	7' - 0"	1' - 6"	8 No. 6 Bars, T&B	8 No. 6 Bars, T&B	2
F4	7' - 0"	16' - 0"	3' - 0"	17 No. 8 Bars, T&B	8 No. 8 Bars, T&B	2
F5	9' - 0"	9' - 0"	1' - 6"	10 No. 6 Bars, T&B	10 No. 6 Bars, T&B	2
F6	9' - 0"	9' - 0"	1' - 6"	10 No. 6 Bars, T&B	10 No. 6 Bars, T&B	1
F7	6' - 9"	37' - 6"	3' - 0"	39 No. 8 Bars, T&B	12 No. 9 Bars, T&B	1

NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. T/SLAB ELEVATION = -13'-6" RELATIVE TO PROJECT DATUM UNLESS NOTED OTHERWISE.
3. T/STL ELEVATION = -6" FROM TOP OF SLAB UNLESS NOTED OTHERWISE.
4. SLAB ON GRADE TO BE REINFORCED WITH WWF 6X6-W1.4XW1.4. PROVIDE CONTROL JOINTS AT 15'-0" OC MAXIMUM SPACING. SEE TYPICAL DETAILS ON S-002.
5. SEE S-301 FOR COLUMN SCHEDULE.
6. COORDINATE SLAB DEPRESSIONS WITH OTHER DISCIPLINES.
7. CONCRETE ON STEEL DECK TO BE REINFORCED WITH WWF 6X6-W1.4XW1.4.
   1

NORTH ARROW
SPAN DIRECTION, ONE WAY SLAB
TWO WAY SLAB
MOMENT CONNECTION
CANTILEVER MOMENT CONNECTION
(##) NO. OF SHEAR STUDS
C = # CAMBER
F# (H'-H") FOUNDATION TAG AND BOTTOM OF FOOTING ELEVATION
C# COLUMN TAG
BF# BRACED FRAME TAG
MF# MOMENT FRAME TAG
BP BEAM POCKET (SEE 2/S-501 U.N.O.)
WP WALL PLATE
##K REACTION FOR CONNECTION DESIGN
INDICATES BENT STRINGER

Legend
1/8" = 1'-0"



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LICENSE NO.: 22393
EXPIRATION DATE: 9/25/2016

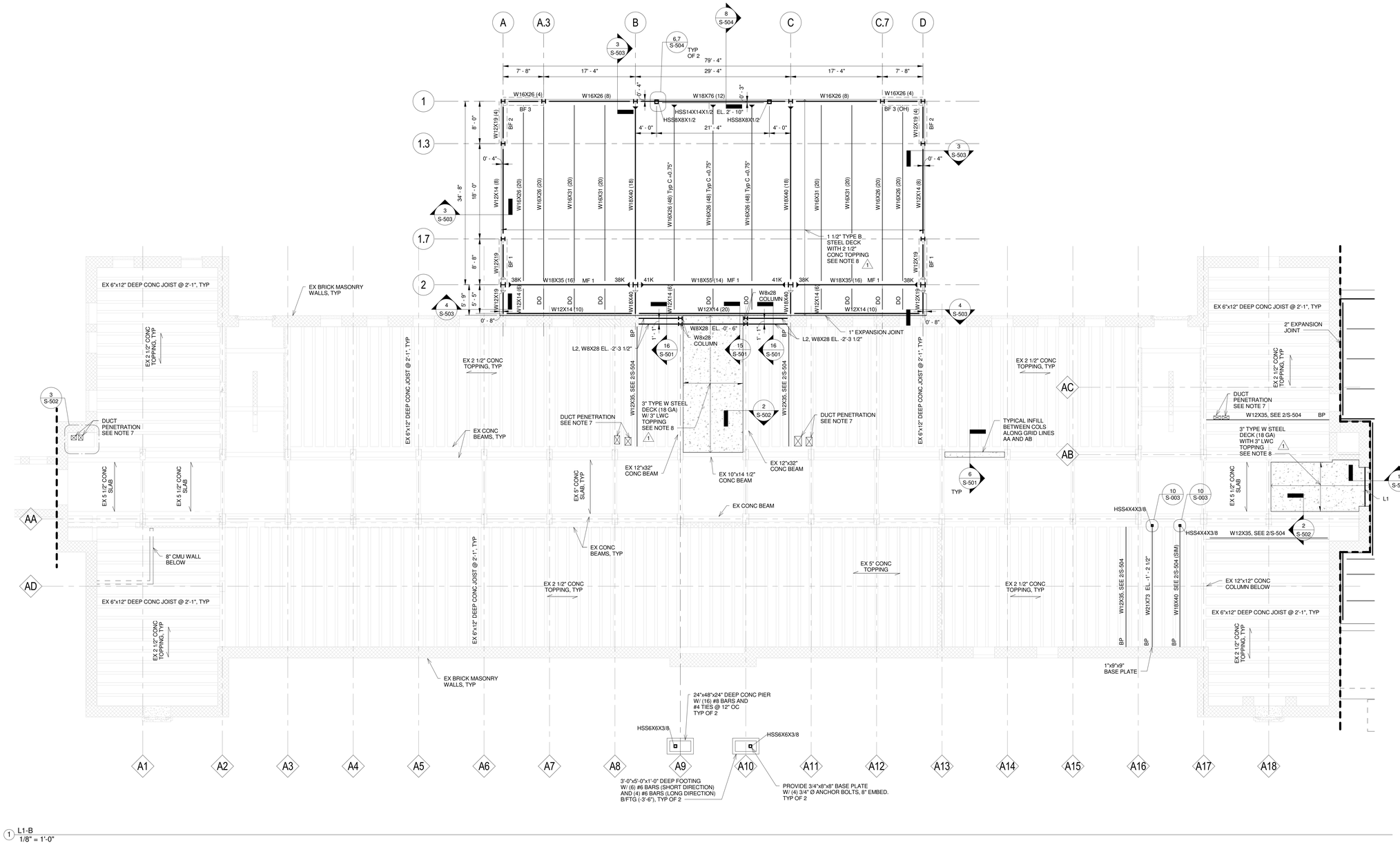
No.	DATE	DESCRIPTION
1	04/18/16	Addendum #2

BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/2016
SCALE: 1/8" = 1'-0"
DRAWING NAME
FNDN B, C

S-113

7/27/2016 2:23:56 PM



1 L1-B
1/8" = 1'-0"

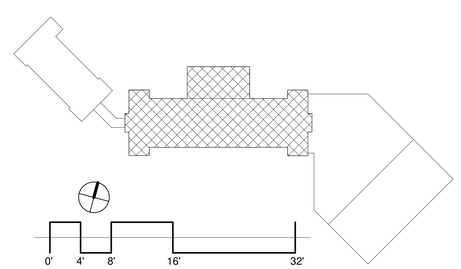
NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. T/SLAB ELEVATION = 0'-0" RELATIVE TO PROJECT DATUM UNLESS NOTED OTHERWISE.
3. T/STL ELEVATION = -4" FROM TOP OF SLAB UNLESS NOTED OTHERWISE.
4. REFER TO S-201 FOR BRACED FRAME AND MOMENT FRAME DETAILS.
5. SEE S-003 FOR TYPICAL STEEL DETAILS NOT CALLED OUT.
6. SEE GENERAL NOTES FOR TYPICAL CONNECTION DESIGN. REACTIONS SHOWN IN PLAN FOR CONNECTIONS WITH GREATER REACTIONS.
7. COORDINATE DUCT PENETRATIONS WITH MECHANICAL DRAWINGS. OPENINGS TO BE LOCATED BETWEEN EXISTING JOISTS. RELOCATE OPENINGS AS NEEDED.
8. CONCRETE ON STEEL DECK TO BE REINFORCED WITH WWF 6X6-W1.4XW1.4.

LINTEL SCHEDULE		
Mark	Type	Detail
L1	Steel Angles	4/S-501
L2	WF BEAM	10/S-501

	NORTH ARROW
	SPAN DIRECTION, ONE WAY SLAB
	TWO WAY SLAB
	MOMENT CONNECTION
	CANTILEVER MOMENT CONNECTION
(##)	NO. OF SHEAR STUDS
C = #	CAMBER
F# (H'-H")	FOUNDATION TAG AND BOTTOM OF FOOTING ELEVATION
C#	COLUMN TAG
BF#	BRACED FRAME TAG
MF#	MOMENT FRAME TAG
BP	BEAM POCKET (SEE 2/S-501 U.N.O.)
WP	WALL PLATE
##K	REACTION FOR CONNECTION DESIGN
●	INDICATES BENT STRINGER

Legend
1/8" = 1'-0"



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LICENSE NO.: 22293
EXPIRATION DATE: 9/25/2016

No.	DATE	DESCRIPTION
1	04/18/16	Addendum #2

BID ISSUE

PROJECT No.: 2015-013

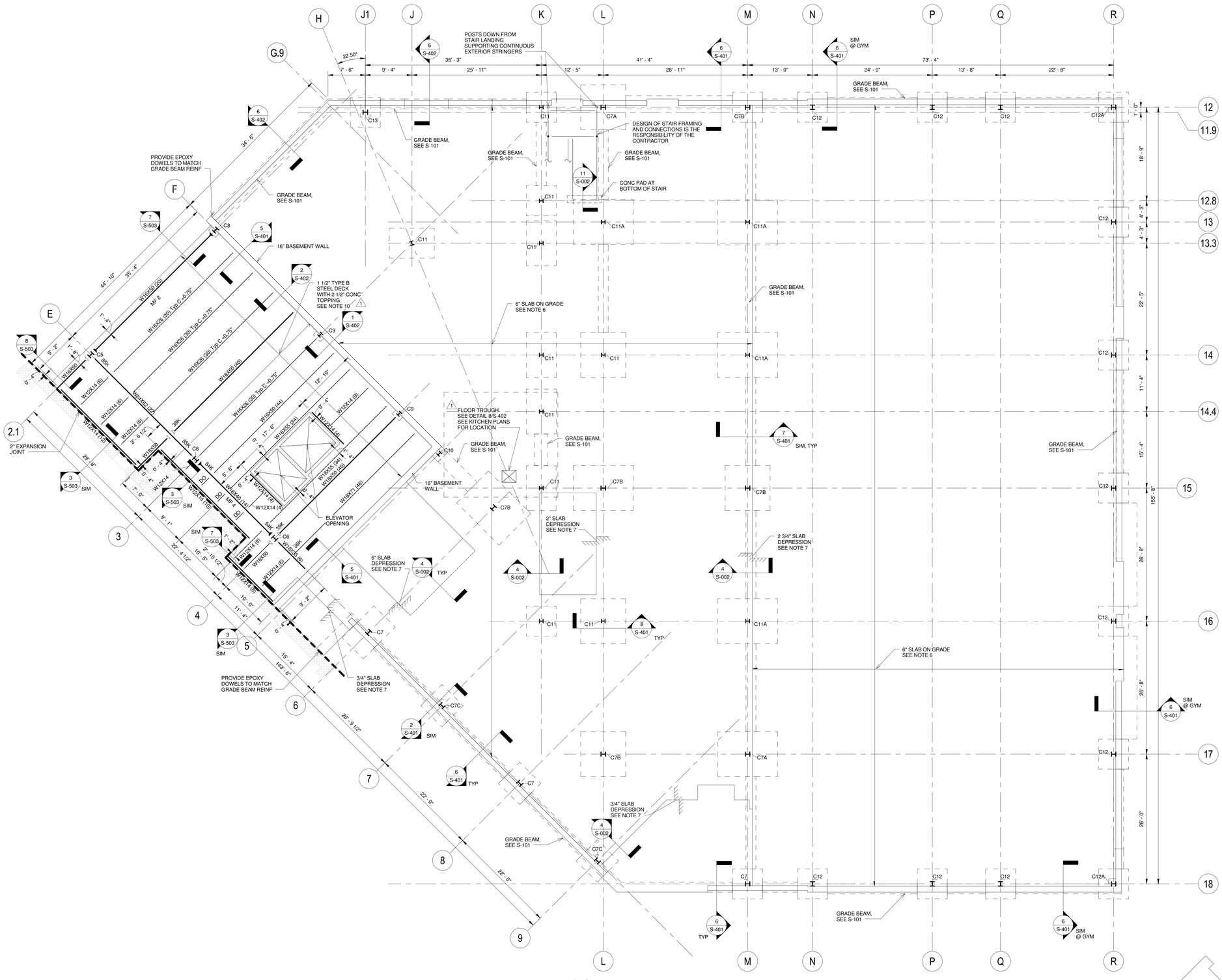
DATE: 3/31/2016

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

DRAWING NAME
LEVEL 1B

S-114

7/27/2016 2:23:57 PM

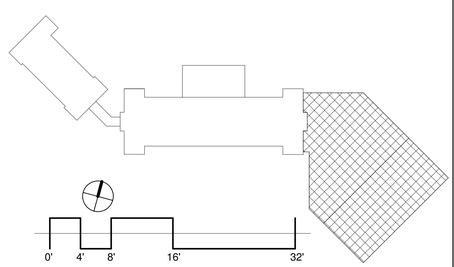


NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. T/SLAB ELEVATION = 0'-0" RELATIVE TO PROJECT DATUM UNLESS NOTED OTHERWISE.
3. T/STL ELEVATION = -4" FROM TOP OF SLAB UNLESS NOTED OTHERWISE.
4. SEE S-101 FOR PILE CAP AND HELICAL ANCHOR DETAILS.
5. SEE S-202 FOR MOMENT FRAME DETAILS
6. SLAB ON GRADE TO BE REINFORCED WITH #4@12" EACH WAY. PROVIDE CONTROL JOINTS AT 15'-0" MAXIMUM SPACING. SEE TYPICAL DETAILS ON S-002.
7. COORDINATE SLAB DEPRESSIONS WITH OTHER DISCIPLINES.
8. SEE S-003 FOR TYPICAL STEEL DETAILS NOT CALLED OUT.
9. SEE GENERAL NOTES FOR TYPICAL CONNECTION DESIGN. REACTIONS SHOWN IN PLAN FOR CONNECTIONS WITH GREATER REACTIONS.
10. CONCRETE ON STEEL DECK TO BE REINFORCED WITH WWF 6X6-W1.4XW1.4. /1

NORTH ARROW
SPAN DIRECTION, ONE WAY SLAB
TWO WAY SLAB
MOMENT CONNECTION
CANTILEVER MOMENT CONNECTION
(##) NO. OF SHEAR STUDS
C = # CAMBER
F# (H'-H") FOUNDATION TAG AND BOTTOM OF FOOTING ELEVATION
C# COLUMN TAG
BF# BRACED FRAME TAG
MF# MOMENT FRAME TAG
BP BEAM POCKET (SEE 2/S-501 U.N.O.)
WP WALL PLATE
##K REACTION FOR CONNECTION DESIGN
INDICATES BENT STRINGER

Legend
1/8" = 1'-0"



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LICENSE NO.: 22283
EXPIRATION DATE: 6/25/2016

No.	DATE	DESCRIPTION
1	04/18/16	Addendum #2

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/2016

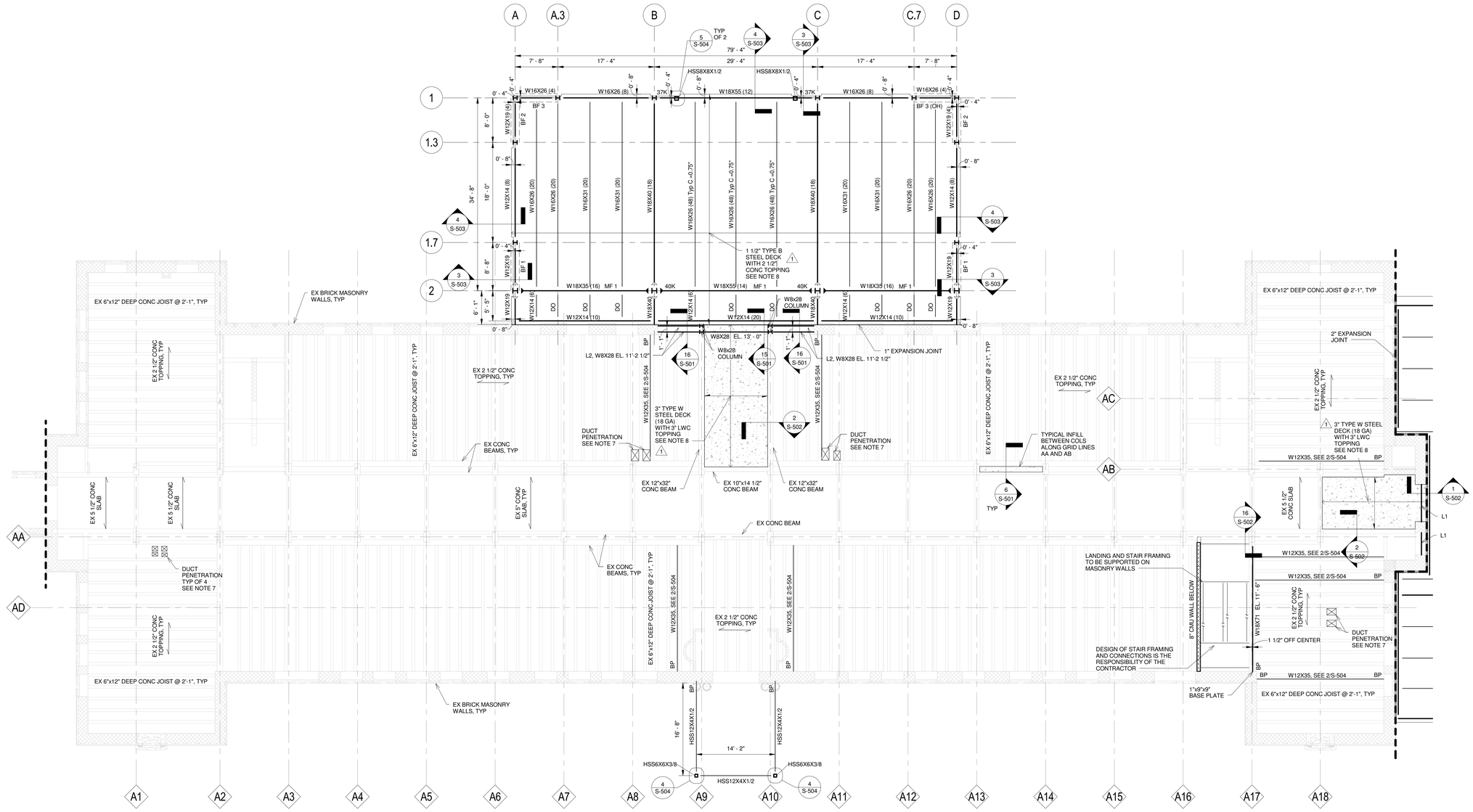
SCALE: 1/8" = 1'-0"

DRAWING NAME

LEVEL 1C

S-115

7/27/2016 2:23:59 PM



1 L2-B
1/8" = 1'-0"

NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. T/SLAB ELEVATION = 13'-6" RELATIVE TO PROJECT DATUM UNLESS NOTED OTHERWISE.
3. T/STL ELEVATION = -4" FROM TOP OF SLAB UNLESS NOTED OTHERWISE.
4. SEE S-201 FOR BRACED FRAME AND MOMENT FRAME DETAILS.
5. SEE S-003 FOR TYPICAL STEEL DETAILS NOT CALLED OUT.
6. SEE GENERAL NOTES FOR TYPICAL CONNECTION DESIGN. REACTIONS SHOWN IN PLAN FOR CONNECTIONS WITH GREATER REACTIONS.
7. COORDINATE DUCT PENETRATIONS WITH MECHANICAL DRAWINGS. OPENINGS TO BE LOCATED BETWEEN EXISTING JOISTS. RELOCATE OPENINGS AS NEEDED.
8. CONCRETE ON STEEL DECK TO BE REINFORCED WITH WWF 6X6-W1.4XW1.4. 1

LINTEL SCHEDULE		
Mark	Type	Detail
L1	Steel Angles	4/S-501
L2	WF BEAM	10/S-501

NORTH ARROW

SPAN DIRECTION, ONE WAY SLAB

TWO WAY SLAB

MOMENT CONNECTION

CANTILEVER MOMENT CONNECTION

(##) NO. OF SHEAR STUDS

C = # CAMBER

F# (H'-H") FOUNDATION TAG AND BOTTOM OF FOOTING ELEVATION

C# COLUMN TAG

BF# BRACED FRAME TAG

MF# MOMENT FRAME TAG

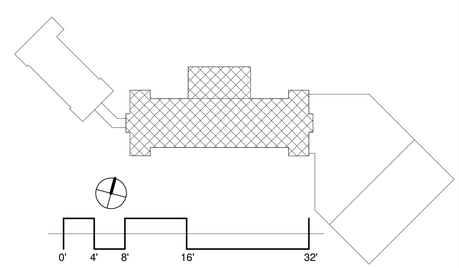
BP BEAM POCKET (SEE 2/S-501 U.N.O.)

WP WALL PLATE

##K REACTION FOR CONNECTION DESIGN

INDICATES BENT STRINGER

Legend
1/8" = 1'-0"



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LICENSE NO.: 22393
EXPIRATION DATE: 9/25/2016

No.	DATE	DESCRIPTION
1	04/18/16	Addendum #2

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/2016

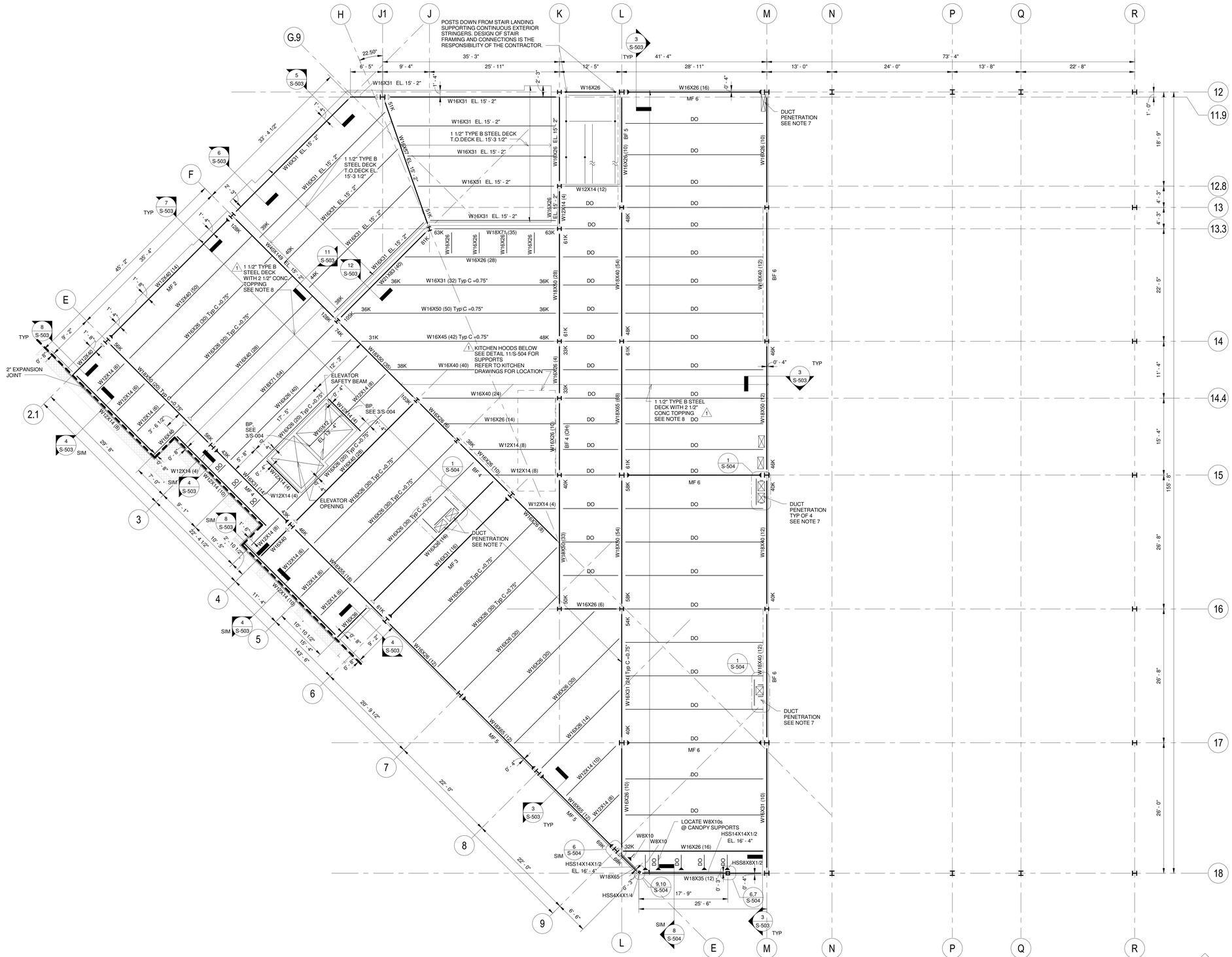
SCALE: 1/8" = 1'-0"

DRAWING NAME

LEVEL 2B

S-116

7/27/2016 2:23:59 PM



1 L2-C
1/8" = 1'-0"

NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. T/SLAB ELEVATION = 13'-6" RELATIVE TO PROJECT DATUM UNLESS NOTED OTHERWISE.
3. T/STL ELEVATION = -4" FROM TOP OF SLAB UNLESS NOTED OTHERWISE.
4. SEE S-202 AND S-203 FOR MOMENT FRAME AND BRACE FRAME DETAILS.
5. SEE S-003 FOR TYPICAL STEEL DETAILS NOT CALLED OUT.
6. SEE GENERAL NOTES FOR TYPICAL CONNECTION DESIGN. REACTIONS SHOWN IN PLAN FOR CONNECTIONS WITH GREATER REACTIONS.
7. DUCT PENETRATIONS TO BE COORDINATED WITH MECHANICAL DRAWINGS. OPENINGS TO BE LOCATED BETWEEN STRUCTURAL FRAMING. RELOCATE OPENINGS AS NEEDED. ANY OPENINGS 18" OR WIDER IN THE DIRECTION PERPENDICULAR TO THE SPAN OF THE STEEL DECK WITH CONCRETE TOPPING ARE TO BE REINFORCED PER DETAIL 1/S-504.
8. CONCRETE ON STEEL DECK TO BE REINFORCED WITH WWF 6X6-W1.4XW1.4. 1

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49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST, BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL STRUCTURAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 23293
EXPIRATION DATE: 9/25/2016

No.	DATE	DESCRIPTION
1	04/18/16	Addendum #2

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/2016

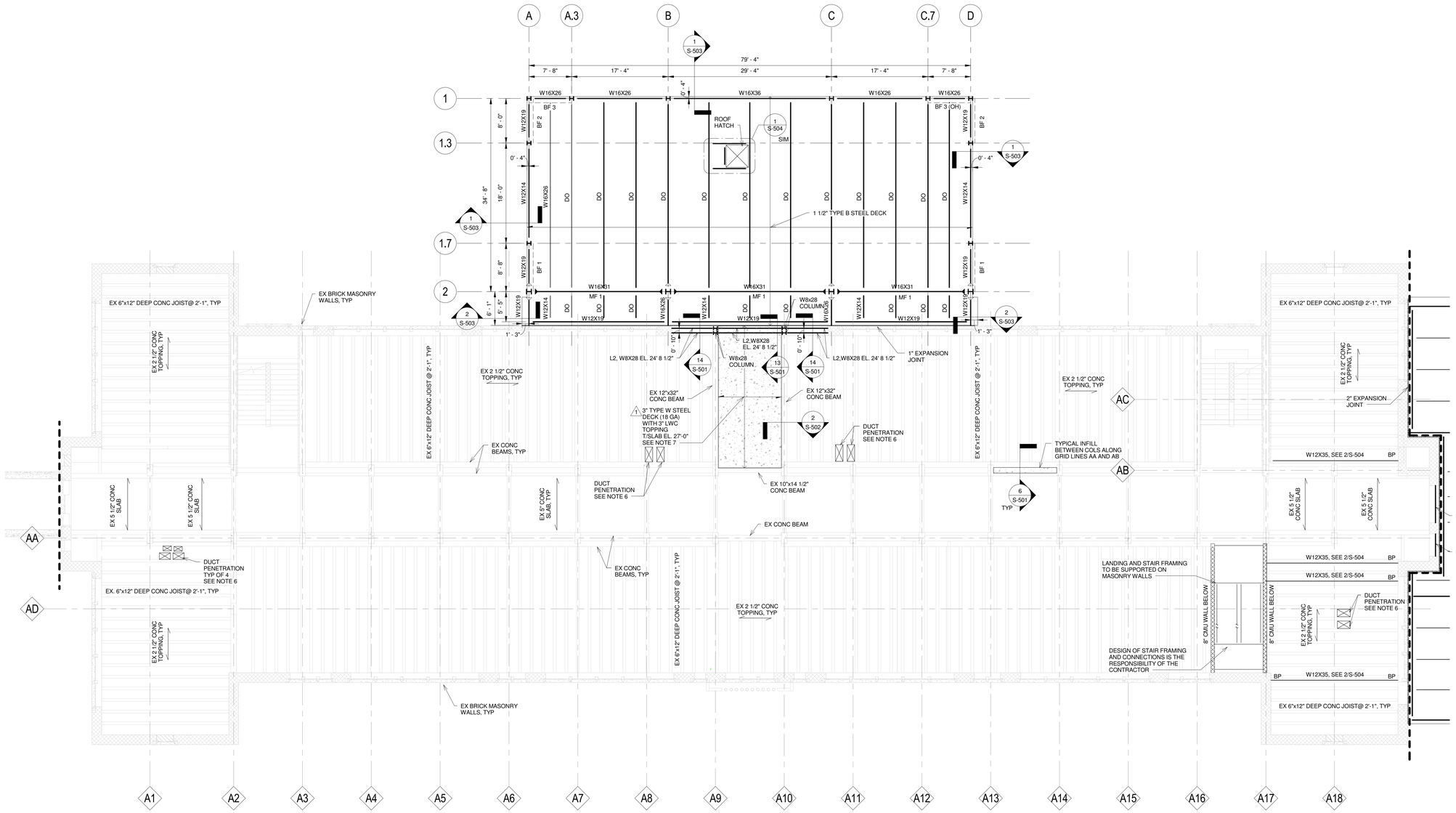
SCALE: 1/8" = 1'-0"

DRAWING NAME

LEVEL 2C

S-117

7/27/2016 2:24:01 PM



1 L3-B
1/8" = 1'-0"

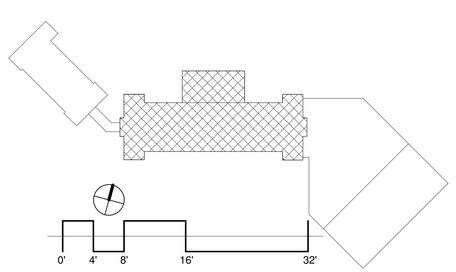
NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. T/STL ELEVATION = 27'-0" RELATIVE TO PROJECT DATUM UNLESS NOTED OTHERWISE.
3. SEE S-201 FOR BRACED FRAME AND MOMENT FRAME DETAILS.
4. SEE S-003 FOR TYPICAL STEEL DETAILS NOT CALLED OUT.
5. SEE GENERAL NOTES FOR TYPICAL CONNECTION DESIGN. REACTIONS SHOWN IN PLAN FOR GREATER REACTIONS.
6. COORDINATE DUCT PENETRATIONS WITH MECHANICAL DRAWINGS. OPENINGS TO BE LOCATED BETWEEN EXISTING JOISTS. RELOCATE OPENINGS AS NEEDED.
7. CONCRETE ON STEEL DECK TO BE REINFORCED WITH WWF 6X6-W1.4XW1.4. ⚠1

LINTEL SCHEDULE		
Mark	Type	Detail
L1	Steel Angles	4/S-501
L2	WF BEAM	10/S-501

	NORTH ARROW
	SPAN DIRECTION, ONE WAY SLAB
	TWO WAY SLAB
	MOMENT CONNECTION
	CANTILEVER MOMENT CONNECTION
(##)	NO. OF SHEAR STUDS
C = #	CAMBER
F# (H'-H")	FOUNDATION TAG AND BOTTOM OF FOOTING ELEVATION
C#	COLUMN TAG
BF#	BRACED FRAME TAG
MF#	MOMENT FRAME TAG
BP	BEAM POCKET (SEE 2/S-501 U.N.O.)
WP	WALL PLATE
##K	REACTION FOR CONNECTION DESIGN
●	INDICATES BENT STRINGER

Legend
1/8" = 1'-0"



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BRINJAC ENGINEERING
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LICENSE NO. 22283
EXPIRATION DATE: 9/25/2016

No.	DATE	DESCRIPTION
1	04/18/16	Addendum #2

BID ISSUE

PROJECT No.: 2015-013

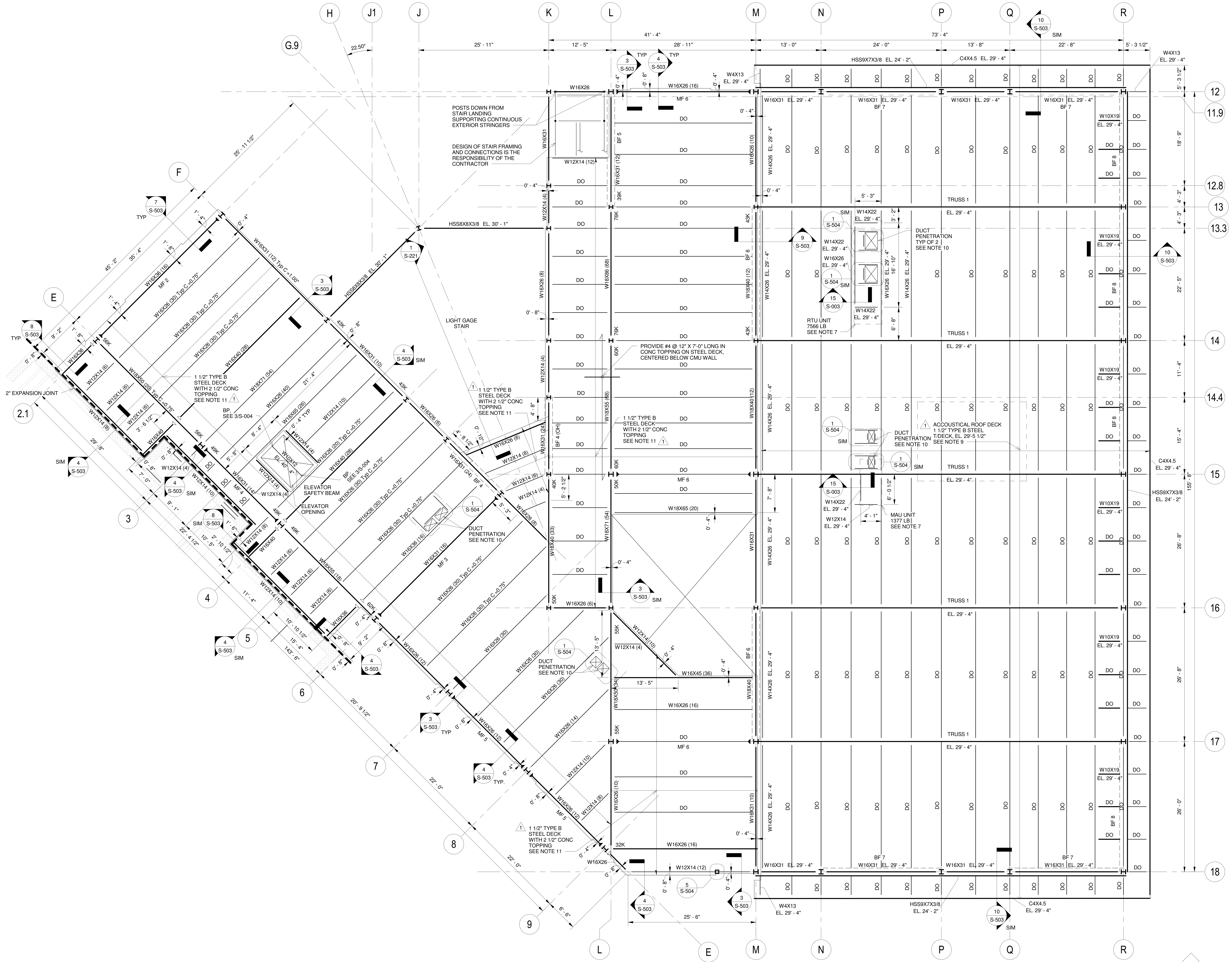
DATE: 3/31/2016

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

DRAWING NAME
LEVEL 3B

S-118

7/27/2016 2:24:01 PM



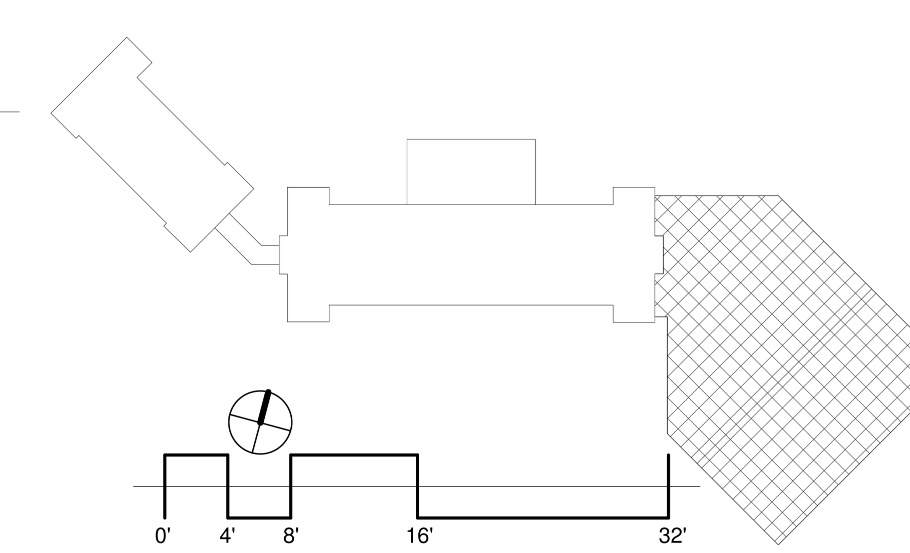
1 L3-C & R2
1/8" = 1'-0"

NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. T/SLAB ELEVATION = 27'-0" RELATIVE TO PROJECT DATUM UNLESS NOTED OTHERWISE.
3. T/STL ELEVATION = -4" FROM TOP OF SLAB UNLESS NOTED OTHERWISE.
4. SEE S-202 AND S-203 FOR MOMENT FRAME AND BRACE FRAME DETAILS.
5. SEE S-211 FOR TRUSS 1 DETAILS.
6. SEE S-003 FOR TYPICAL STEEL DETAILS NOT CALLED OUT.
7. COORDINATE LOCATION OF CURB SUPPORTS WITH ROOF TOP UNIT MANUFACTURERS.
8. SEE GENERAL NOTES FOR TYPICAL CONNECTION DESIGN. REACTIONS SHOWN IN PLAN FOR CONNECTIONS WITH GREATER REACTIONS.
9. ROOF HAS BEEN DESIGNED FOR AN ADDITIONAL 13 PSF TO ACCOMMODATE FUTURE SOLAR PANEL INSTALLATION.
10. DUCT PENETRATIONS TO BE COORDINATED WITH MECHANICAL DRAWINGS. OPENINGS TO BE LOCATED BETWEEN STRUCTURAL FRAMING. RELOCATE OPENINGS AS NEEDED. ANY OPENINGS 18" OR WIDER IN THE DIRECTION PERPENDICULAR TO THE SPAN OF THE STEEL DECK ARE TO BE REINFORCED PER DETAIL 1/S-504.
11. CONCRETE ON STEEL DECK TO BE REINFORCED WITH WWF 6X6-W1.4XW1.4. (1)

Symbol	Description
	NORTH ARROW
	SPAN DIRECTION, ONE WAY SLAB
	TWO WAY SLAB
	MOMENT CONNECTION
	CANTILEVER MOMENT CONNECTION
(##)	NO. OF SHEAR STUDS
C = #	CAMBER
F# (H'-H")	FOUNDATION TAG AND BOTTOM OF FOOTING ELEVATION
C#	COLUMN TAG
BF#	BRACED FRAME TAG
MF#	MOMENT FRAME TAG
BP	BEAM POCKET (SEE 2/S-501 U.N.O.)
WP	WALL PLATE
##K	REACTION FOR CONNECTION DESIGN
●	INDICATES BENT STRINGER

Legend
1/8" = 1'-0"



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LICENSE NO.: 23393
EXPIRATION DATE: 8/25/2016

No.	DATE	DESCRIPTION
1	04/18/16	Addendum #2

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/2016

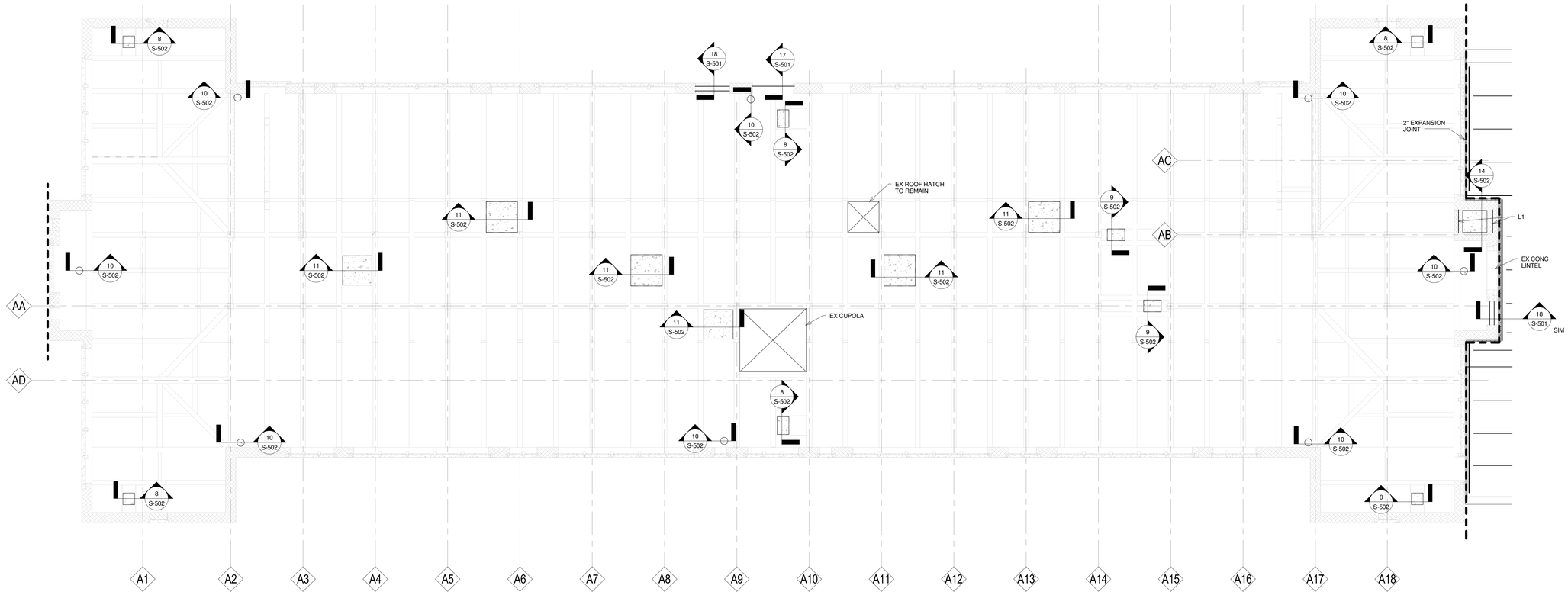
SCALE: 1/8" = 1'-0"

DRAWING NAME

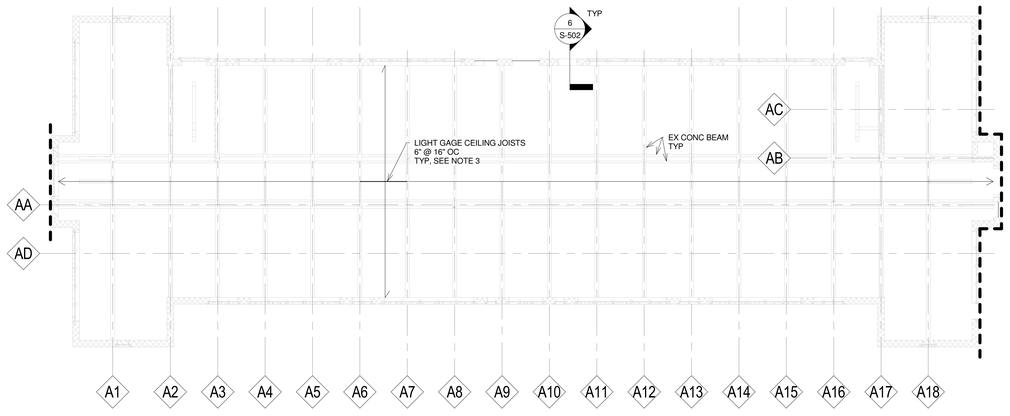
LEVEL 3C & R2

S-119

7/27/2016 2:24:03 PM



1 Roof B
1/8" = 1'-0"



2 Roof B Ceiling Plan
1/16" = 1'-0"

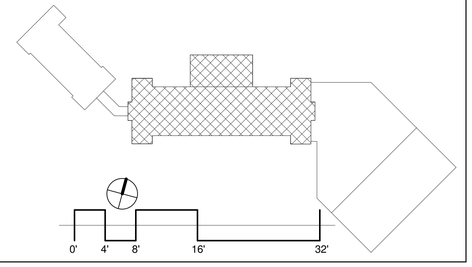
NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. SEE S-003 FOR TYPICAL STEEL DETAILS NOT CALLED OUT.
3. DESIGN OF ALL LIGHT GAGE FRAMING AND CONNECTIONS IS THE RESPONSIBILITY OF THE CONTRACTOR.

LINTEL SCHEDULE		
Mark	Type	Detail
L1	Steel Angles	4/S-501
L2	WF BEAM	10/S-501

	NORTH ARROW
	SPAN DIRECTION, ONE WAY SLAB
	TWO WAY SLAB
	MOMENT CONNECTION
	CANTILEVER MOMENT CONNECTION
(##)	NO. OF SHEAR STUDS
C = #	CAMBER
F# (H'-H")	FOUNDATION TAG AND BOTTOM OF FOOTING ELEVATION
C#	COLUMN TAG
BF#	BRACED FRAME TAG
MF#	MOMENT FRAME TAG
BP	BEAM POCKET (SEE 2/S-501 U.N.O.)
WP	WALL PLATE
##K	REACTION FOR CONNECTION DESIGN
●	INDICATES BENT STRINGER

Legend
1/8" = 1'-0"



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LICENSE NO.: 22283
EXPIRATION DATE: 9/25/2016

No.	DATE	DESCRIPTION

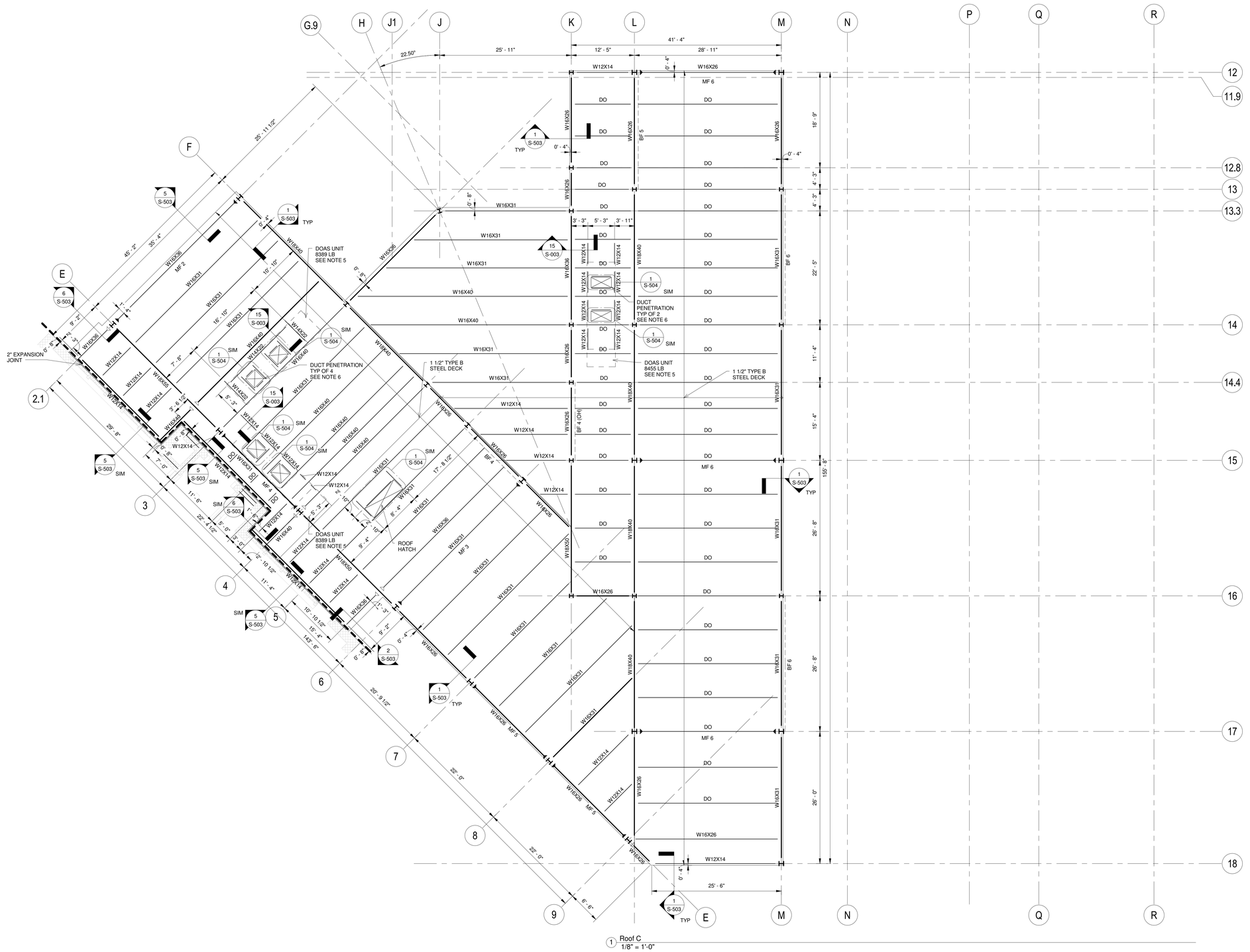
BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/2016
SCALE: As indicated

DRAWING NAME
ROOF B

S-120

7/27/2016 2:24:05 PM



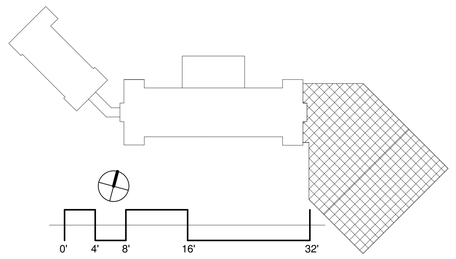
1 Roof C
1/8" = 1'-0"

NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
2. T/STL ELEVATION =43'-0" RELATIVE TO PROJECT DATUM UNLESS NOTED OTHERWISE.
3. SEE S-202 AND S-203 FOR MOMENT FRAME AND BRACE FRAME DETAILS.
4. SEE S-003 FOR TYPICAL STEEL DETAILS NOT CALLED OUT.
5. COORDINATE LOCATION OF CURB SUPPORTS WITH ROOF TOP UNIT MANUFACTURERS.
6. DUCT PENETRATIONS TO BE COORDINATED WITH MECHANICAL DRAWINGS. OPENINGS TO BE LOCATED BETWEEN STRUCTURAL FRAMING. RELOCATE OPENINGS AS NEEDED. ANY OPENINGS 18" OR WIDER IN THE DIRECTION PERPENDICULAR TO THE SPAN OF THE STEEL DECK ARE TO BE REINFORCED PER DETAIL 1/S-504.

	NORTH ARROW
	SPAN DIRECTION, ONE WAY SLAB
	TWO WAY SLAB
	MOMENT CONNECTION
	CANTILEVER MOMENT CONNECTION
(##)	NO. OF SHEAR STUDS
C = #	CAMBER
F# (H'-H")	FOUNDATION TAG AND BOTTOM OF FOOTING ELEVATION
C#	COLUMN TAG
BF#	BRACED FRAME TAG
MF#	MOMENT FRAME TAG
BP	BEAM POCKET (SEE 2/S-501 U.N.O.)
WP	WALL PLATE
##K	REACTION FOR CONNECTION DESIGN
●	INDICATES BENT STRINGER

Legend
1/8" = 1'-0"



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LICENSE NO.: 22283
EXPIRATION DATE: 8/25/2016

No.	DATE	DESCRIPTION

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/2016

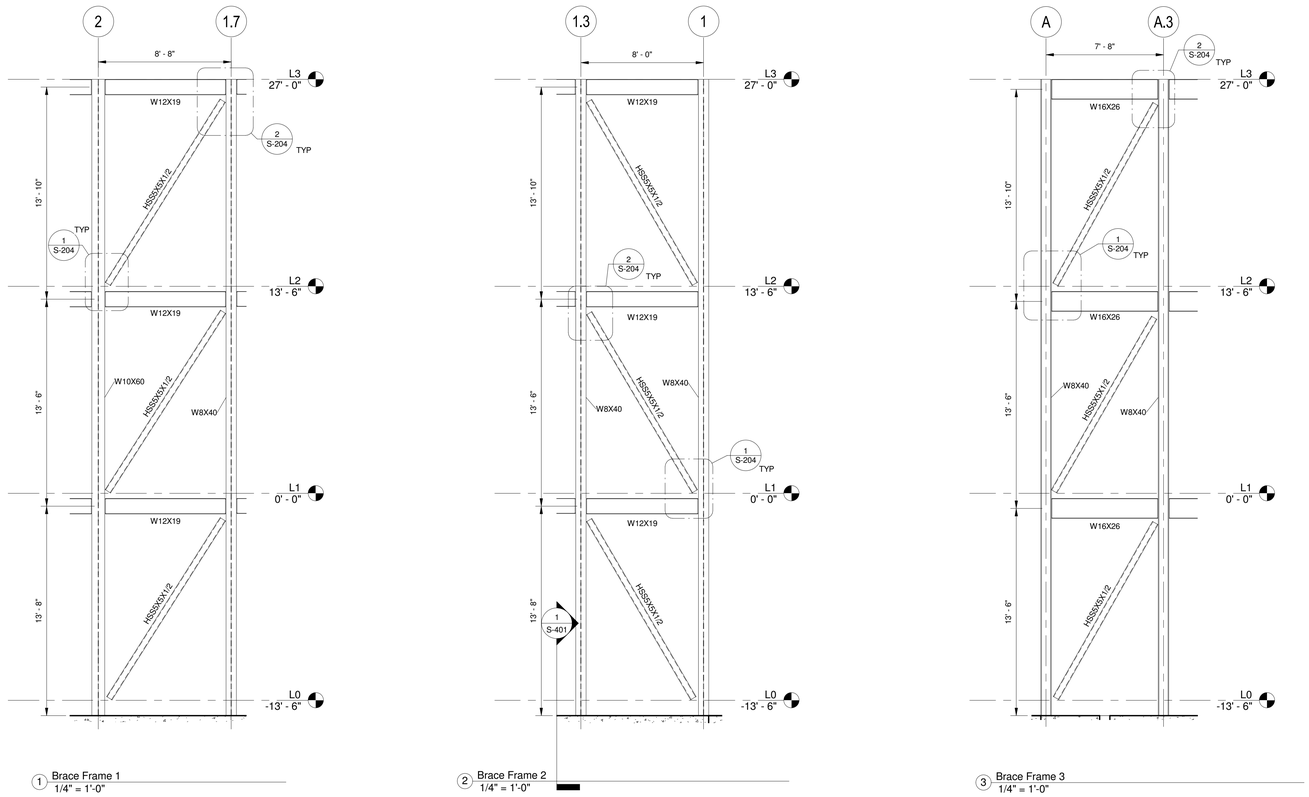
SCALE: 1/8" = 1'-0"

DRAWING NAME

ROOF C

S-121

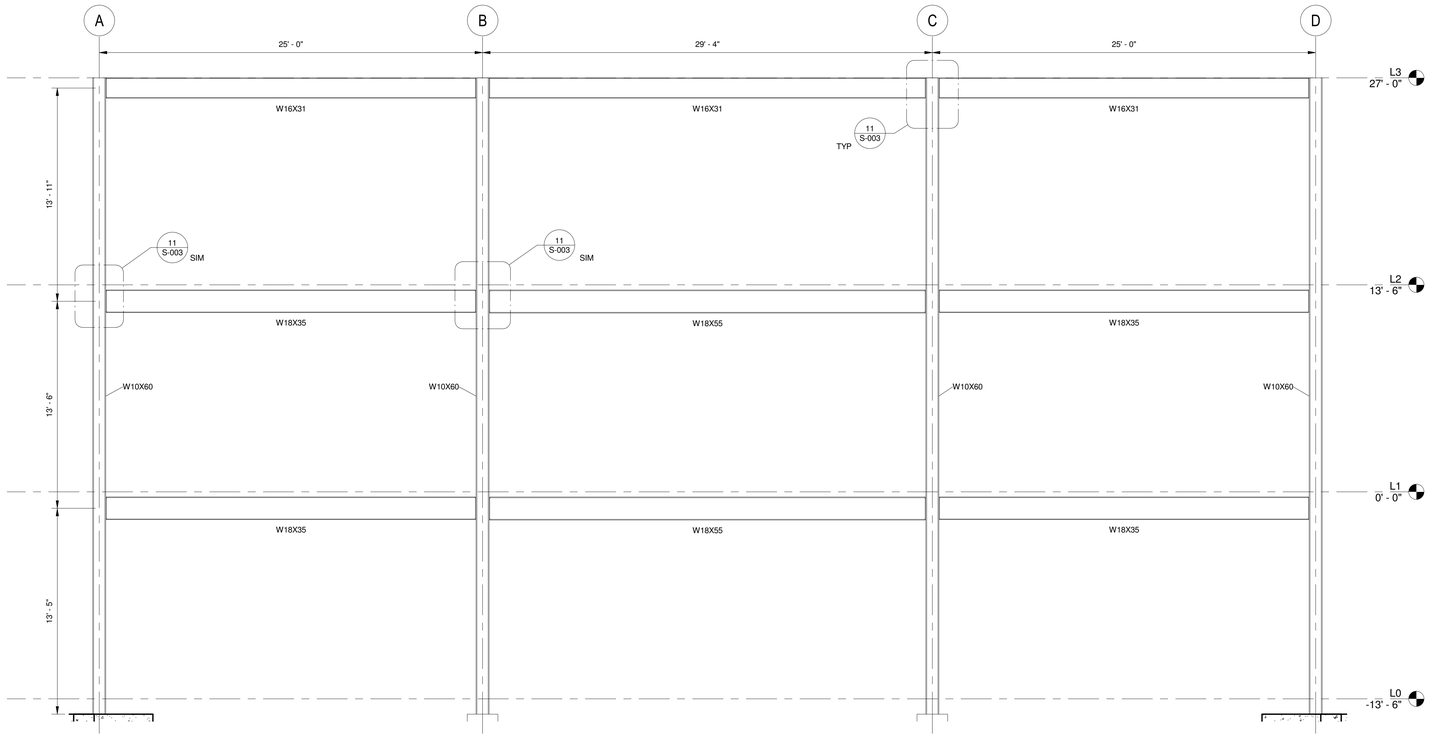
7/27/2016 2:24:07 PM



1 Brace Frame 1
1/4" = 1'-0"

2 Brace Frame 2
1/4" = 1'-0"

3 Brace Frame 3
1/4" = 1'-0"



4 Moment Frame 1
1/4" = 1'-0"

0' 2' 4' 8' 16'

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LICENSE NO.: 22283
EXPIRATION DATE: 9/25/2016

No.	DATE	DESCRIPTION

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/2016

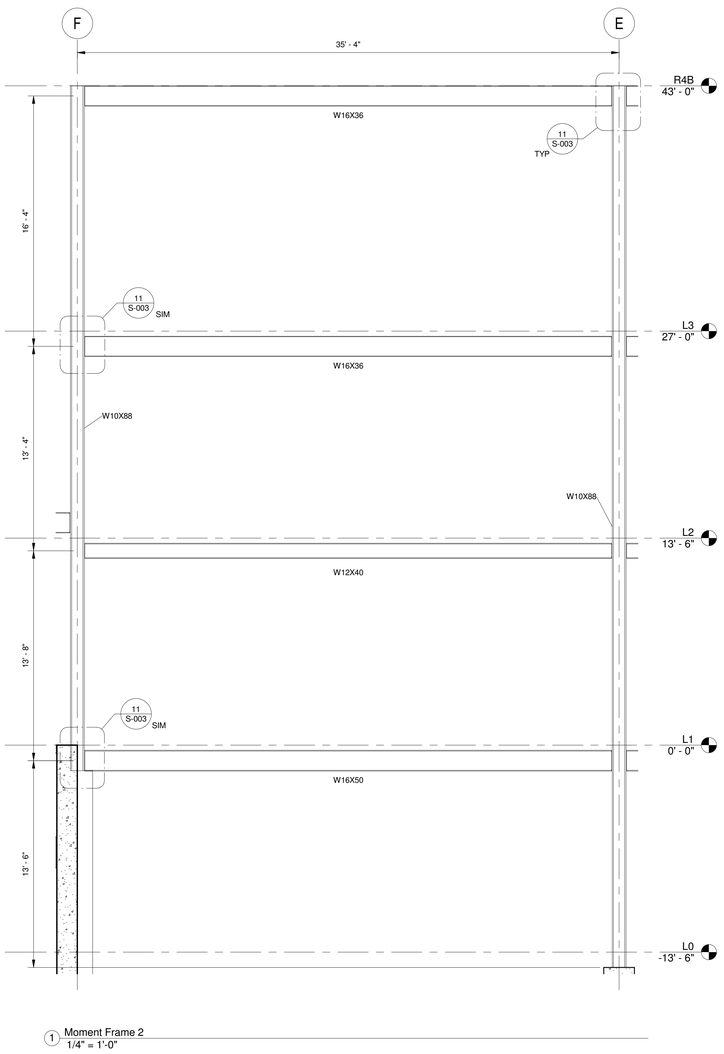
SCALE: 1/4" = 1'-0"

DRAWING NAME

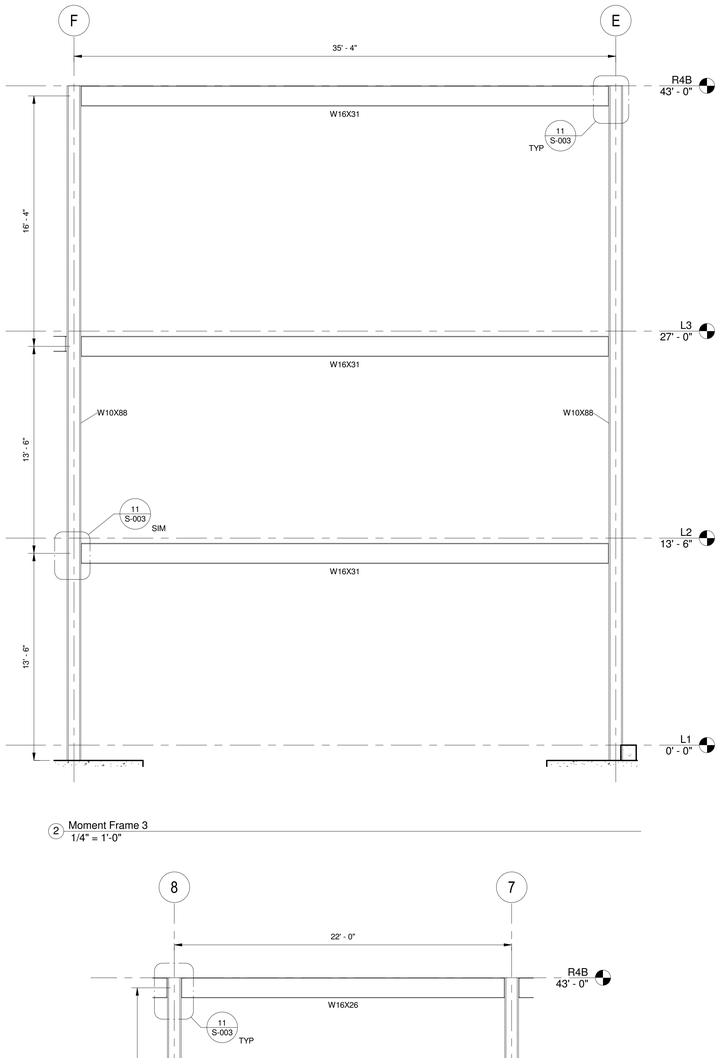
BLDG B
FRAME
ELEVATIONS

S-201

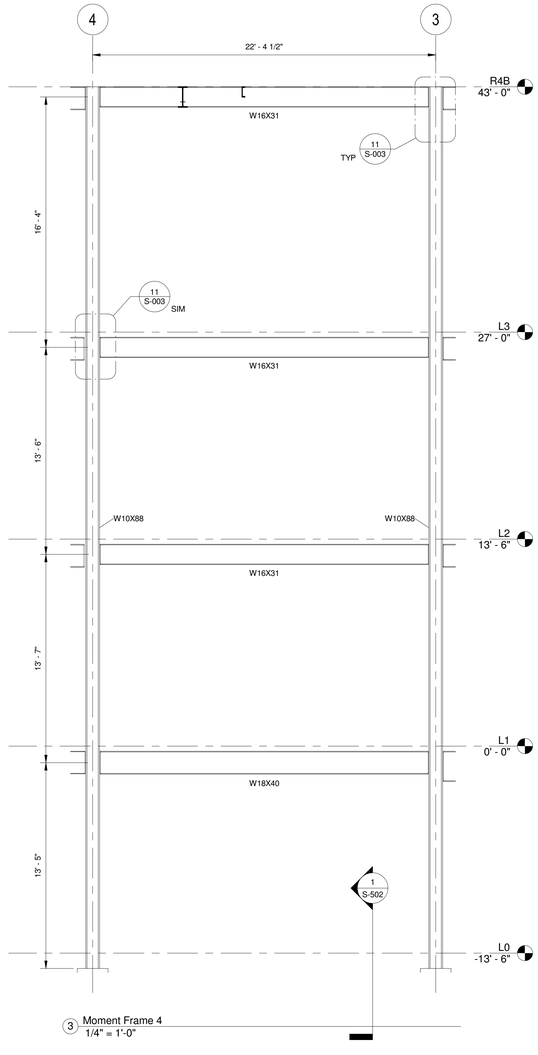
7/27/2016 2:24:08 PM



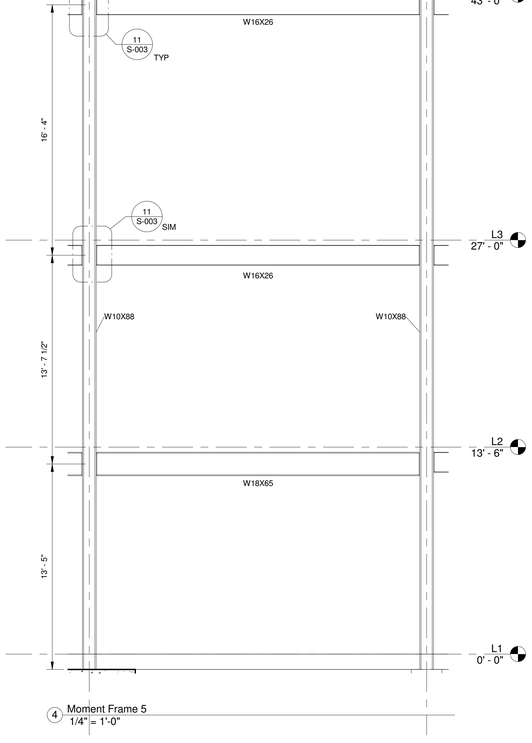
1 Moment Frame 2
1/4" = 1'-0"



2 Moment Frame 3
1/4" = 1'-0"



3 Moment Frame 4
1/4" = 1'-0"



4 Moment Frame 5
1/4" = 1'-0"

0' 2' 4' 8' 16'

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LICENSE NO.: 22293
EXPIRATION DATE: 9/25/2016

No.	DATE	DESCRIPTION

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/2016

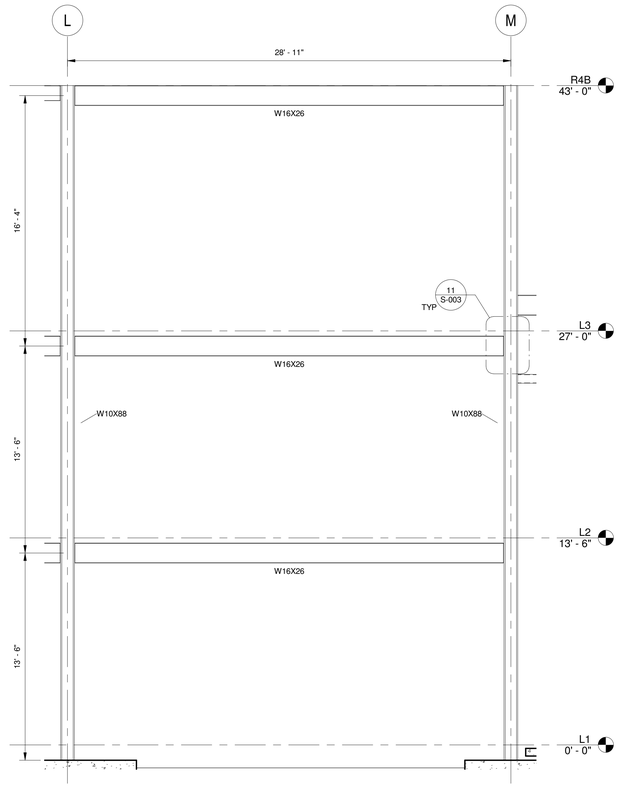
SCALE: 1/4" = 1'-0"

DRAWING NAME

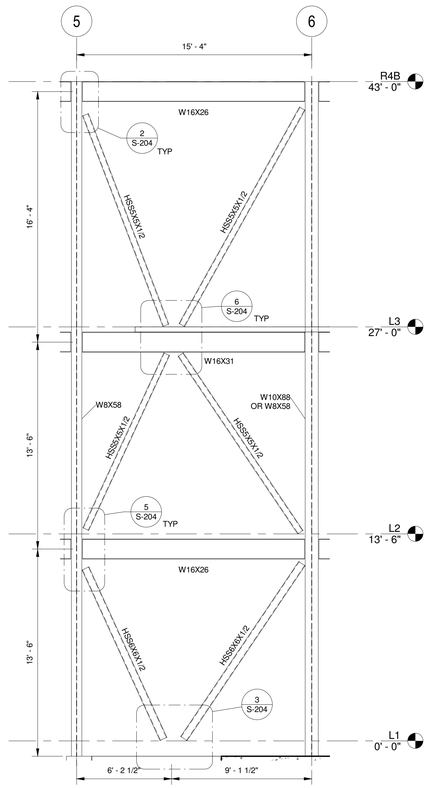
BLDG C
FRAME
ELEVATIONS

S-202

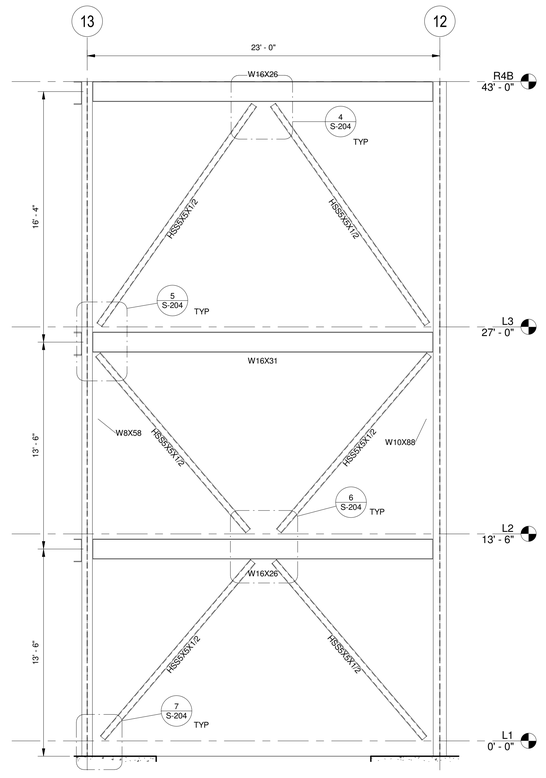
7/27/2016 2:24:08 PM



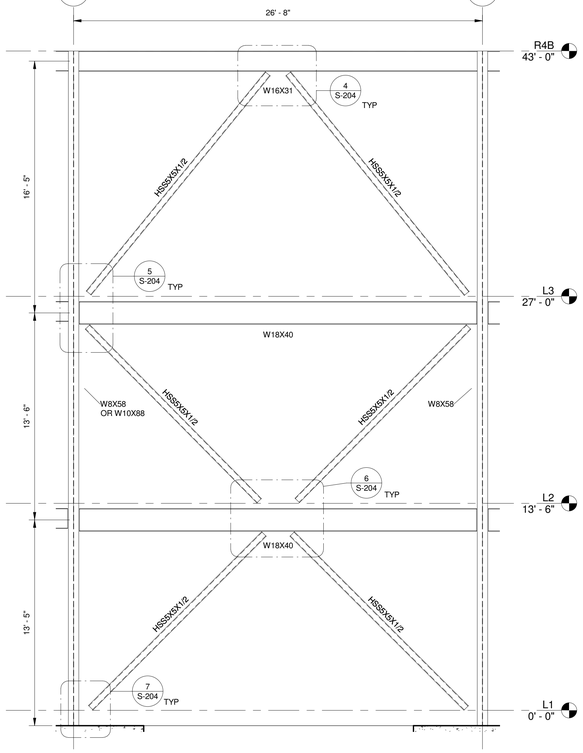
1 Moment Frame 6
1/4" = 1'-0"



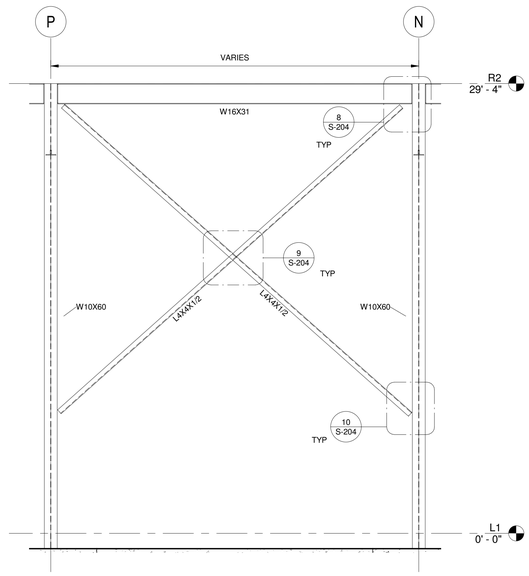
2 Brace Frame 4
1/4" = 1'-0"



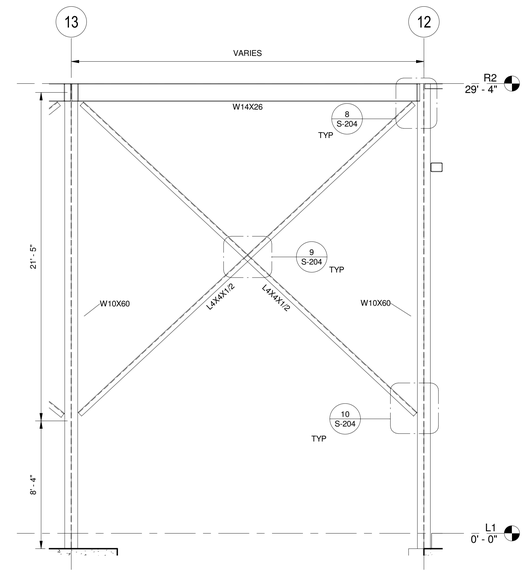
3 Brace Frame 5
1/4" = 1'-0"



4 Brace Frame 6
1/4" = 1'-0"



5 Brace Frame 7
1/4" = 1'-0"



6 Brace Frame 8
1/4" = 1'-0"

0' 2' 4' 8' 16'

JRS ARCHITECTS

2010 Clipper Park Rd.
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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST, BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL STRUCTURAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 23293
EXPIRATION DATE: 6/25/2016

No.	DATE	DESCRIPTION

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/2016

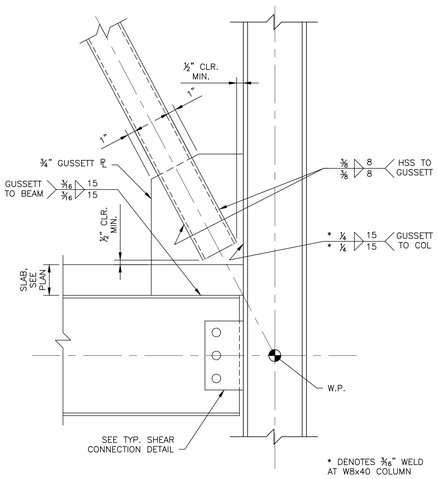
SCALE: 1/4" = 1'-0"

DRAWING NAME

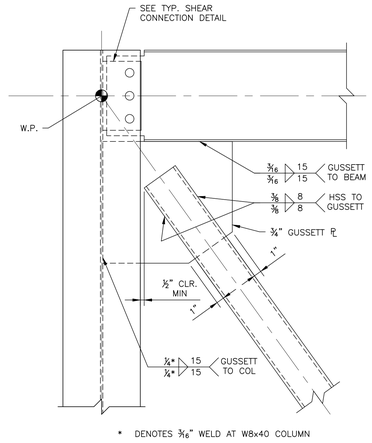
BLDG C
FRAME
ELEVATIONS

S-203

7/27/2016 2:24:09 PM



1 S-204 HSS BRACE CONNECTION
SCALE: NONE



2 S-204 HSS BRACE CONNECTION
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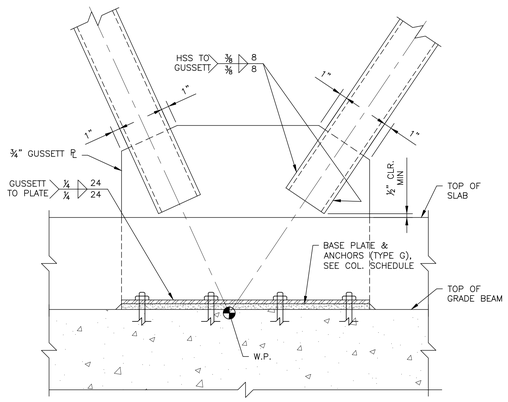

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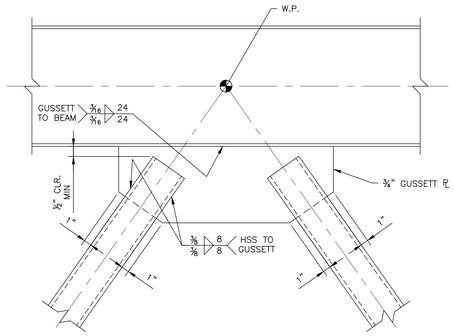

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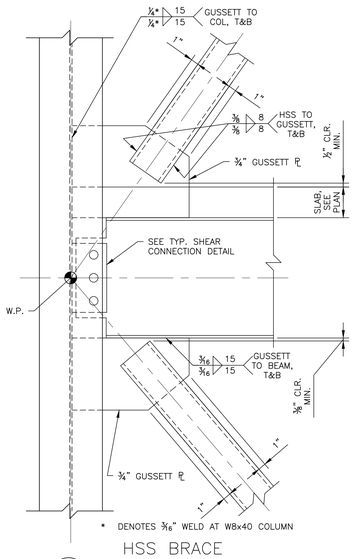

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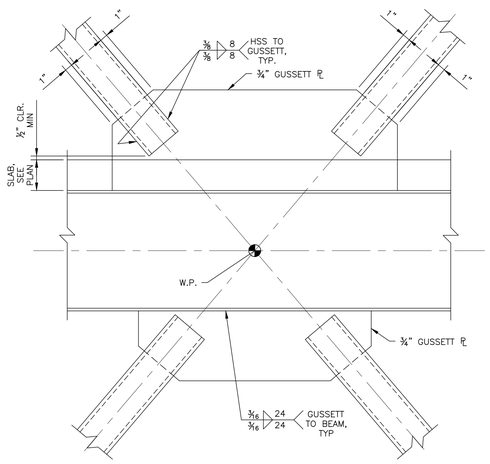
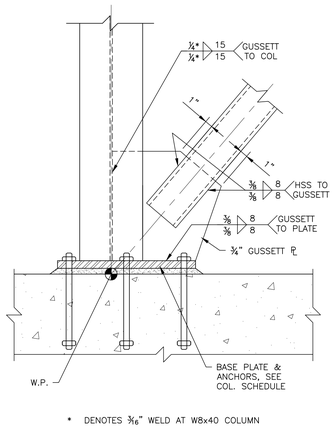
SCALE: NONE

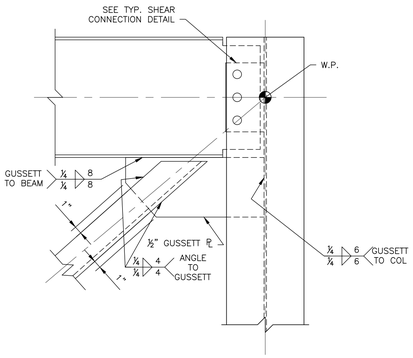


6 S-204 HSS BRACE CONNECTION
SCALE: NONE

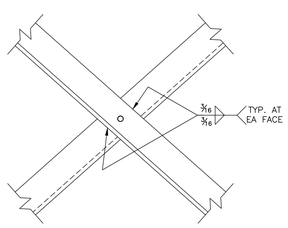


* DENOTES 3/16" WELD AT W8x40 COLUMN

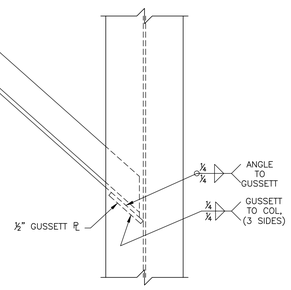
7 S-204 HSS BRACE CONNECTION
SCALE: NONE



8 S-204 ANGLE BRACE CONNECTION
SCALE: NONE



9 S-204 ANGLE BRACE CONNECTION
SCALE: NONE



10 S-204 ANGLE BRACE CONNECTION
SCALE: NONE

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Baltimore City Public Schools
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 22393
EXPIRATION DATE: 9/25/2016

No.	DATE	DESCRIPTION

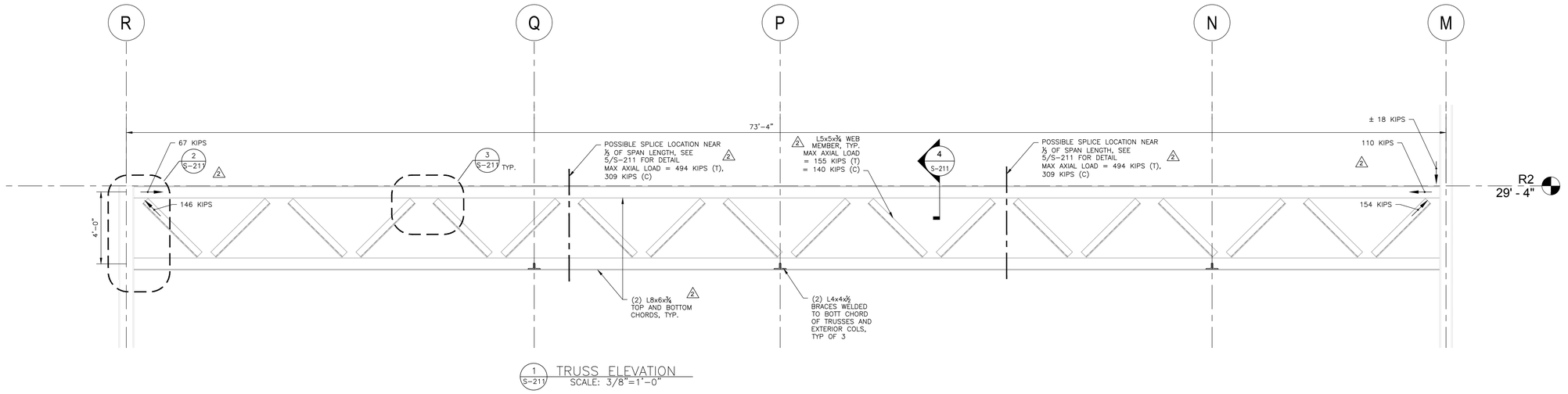
BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated

DRAWING NAME
BRACED FRAME DETAILS

S-204

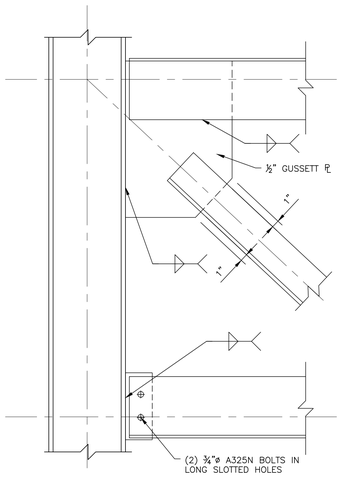
3/18/2016 5:47 PM



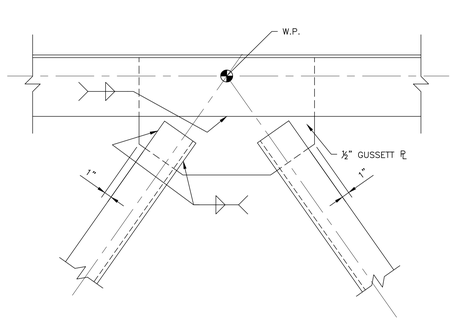
1 S-211 TRUSS ELEVATION
SCALE: 3/8"=1'-0"

NOTE:

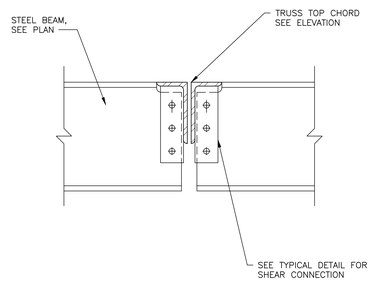
1. ALL TRUSS CONNECTIONS SHALL BE DESIGNED BY A LICENSED ENGINEER WORKING FOR THE STEEL FABRICATOR WHO SHALL SUBMIT CALCULATIONS FOR APPROVAL PRIOR TO FABRICATION. CONNECTIONS SHOWN HERE ARE SUGGESTED DETAILS AND ALTERNATE DETAILS MAY BE USED AT THE DISCRETION OF THE ENGINEER RESPONSIBLE FOR THE CONNECTION DESIGN. 2



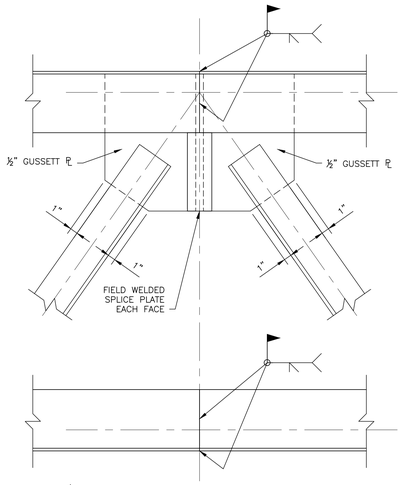
2 S-211 TRUSS TO COLUMN CONNECTION
SCALE: NONE



3 S-211 TYP TRUSS WEB CONNECTION
SCALE: NONE



4 S-211 BEAM TO TRUSS CONNECTION
SCALE: NONE



2 5 S-211 TRUSS SPLICE DETAIL
SCALE: NONE

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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST, BALTIMORE, MD 21211

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LICENSE NO.: 23393
EXPIRATION DATE: 8/25/2016

No.	DATE	DESCRIPTION
2	05/06/16	ADDENDUM #5

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/16

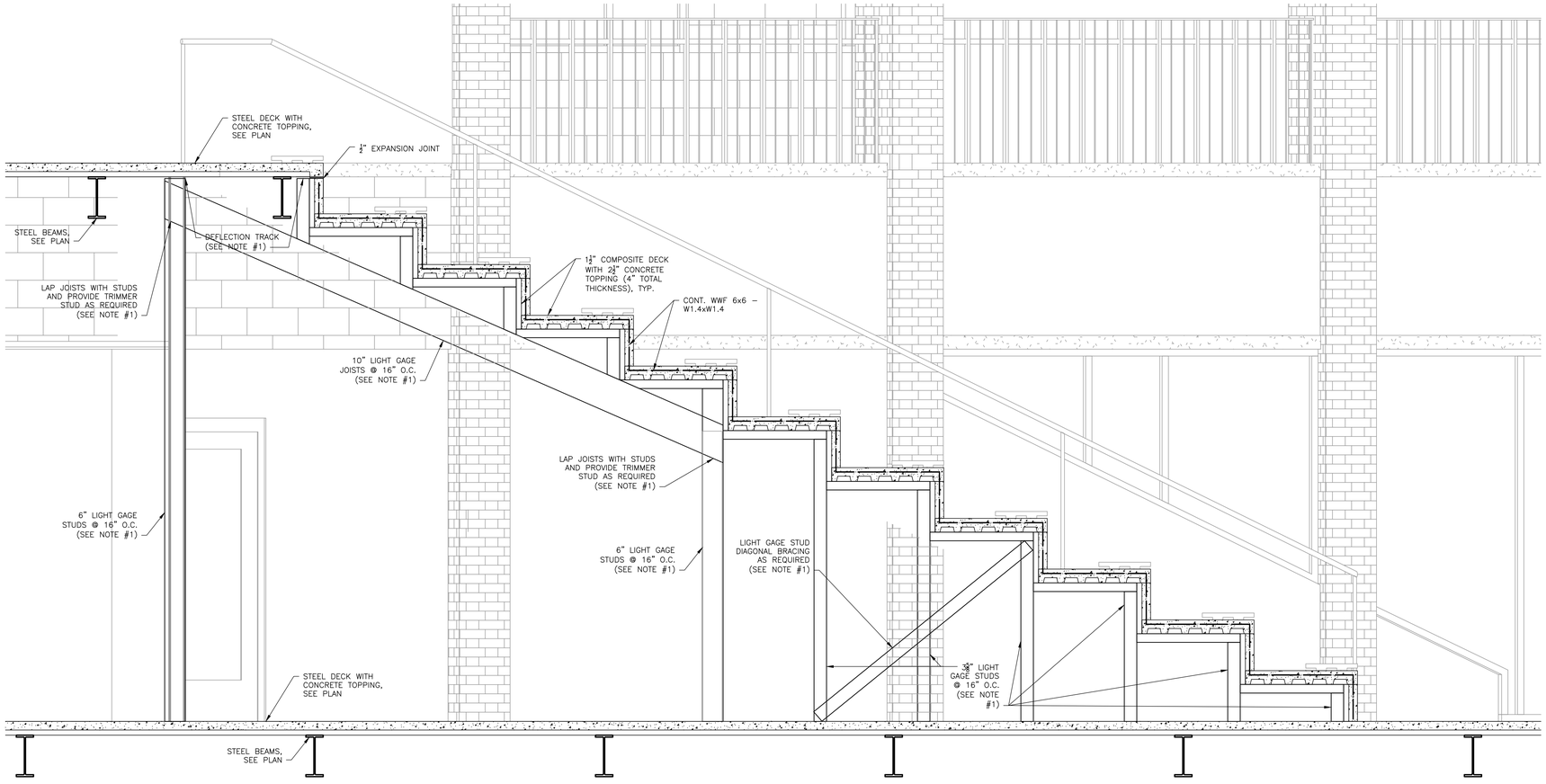
SCALE: As Indicated

DRAWING NAME

TRUSS ELEVATION AND DETAILS

S-211

3/18/2016 5:47 PM



NOTES:
1. DESIGN OF LIGHT GAGE FRAMING AND CONNECTIONS IS THE RESPONSIBILITY OF THE CONTRACTOR.

1/S-221 LEARNING STAIR SECTION
SCALE: 3/4" = 1'-0"

JRS ARCHITECTS
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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST, BALTIMORE, MD 21211

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LICENSE NO: 33393
EXPIRATION DATE: 8/25/2016

No.	DATE	DESCRIPTION

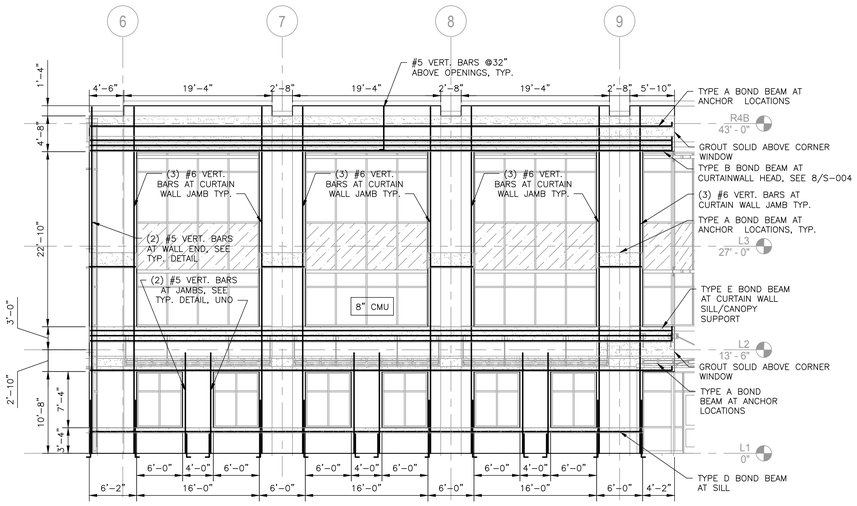
BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated

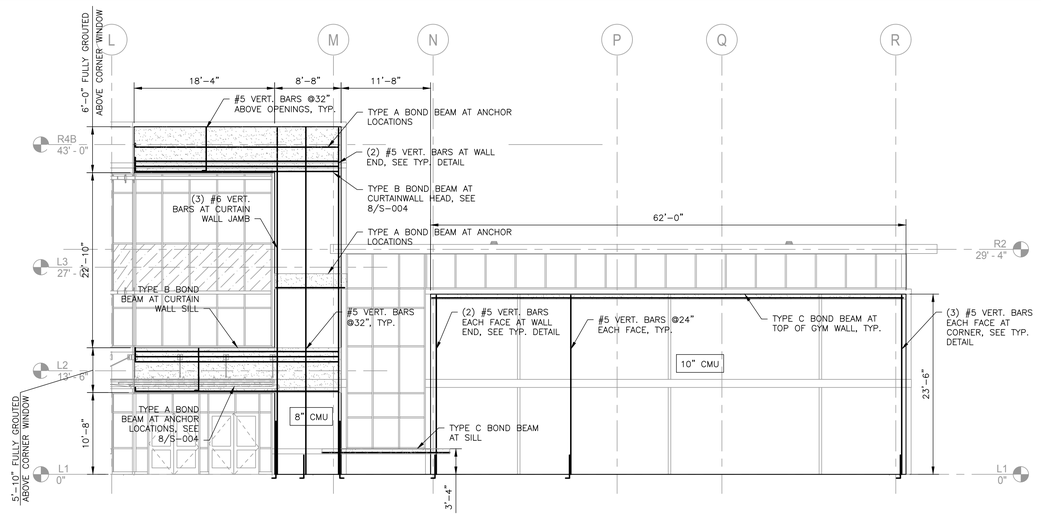
DRAWING NAME
LEARNING STAIR SECTION

S-221

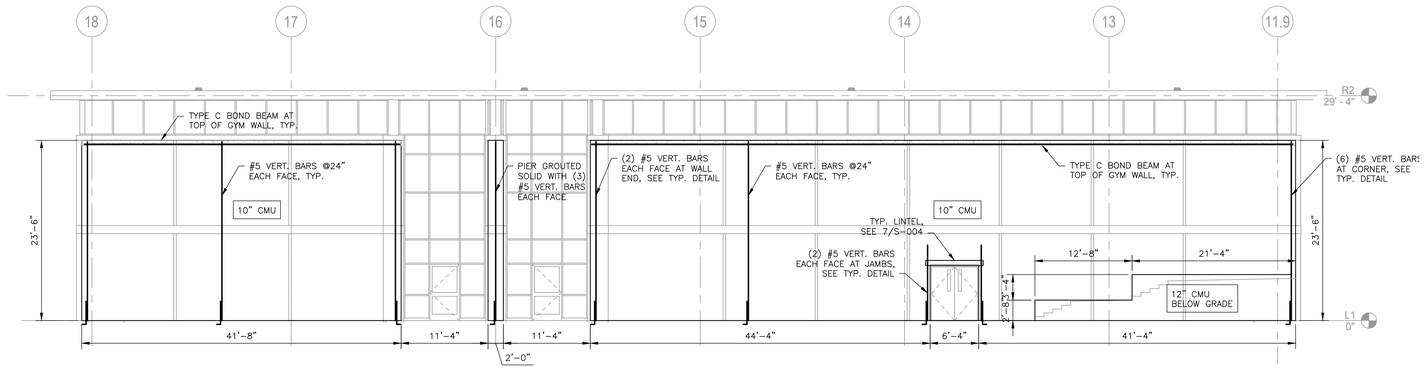
3/18/2016 5:47 PM



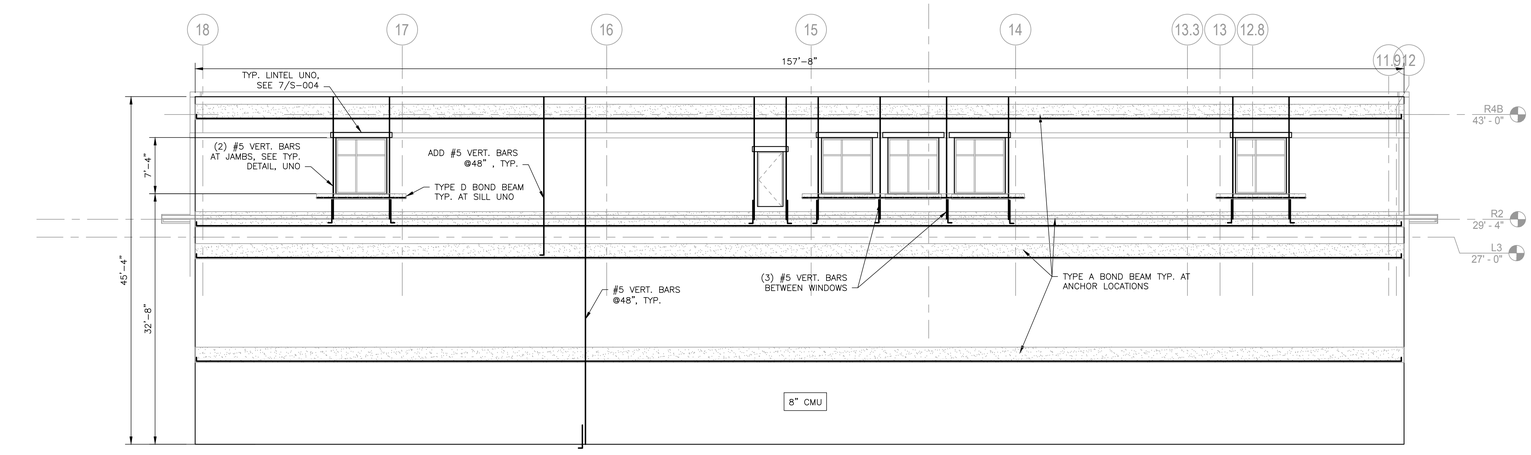
1 S-231 BUILDING C WEST ELEVATION
SCALE: 1/8" = 1'-0"



2 S-231 BUILDING C SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



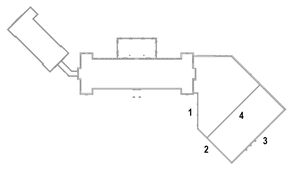
3 S-231 BUILDING C EAST ELEVATION
SCALE: 1/8" = 1'-0"



4 S-231 BUILDING C EAST ELEVATION
SCALE: 1/8" = 1'-0"

CMU BOND BEAM SCHEDULE					
MARK	WIDTH	DEPTH	BOTTOM REINFORCING	TOP REINFORCING	MIDDLE REINFORCING
A	0'-8"	2'-0"	(2) #5 BARS	N/A	N/A
B	0'-8"	2'-0"	(2) #5 BARS	(2) #5 BARS	(2) #5 BARS
C	0'-10"	0'-8"	(2) #5 BARS	N/A	N/A
D	0'-8"	0'-8"	(1) #5 BARS	N/A	N/A
E	0'-8"	2'-0"	(2) #6 BARS	(2) #6 BARS	(2) #6 BARS
F	0'-8"	1'-4"	(2) #5 BARS	(2) #5 BARS	N/A
G	0'-8"	0'-8"	(2) #6 BARS	N/A	N/A

ELEVATION NOTES:
1. ALL CELLS WITH REINFORCING SHALL BE GROUTED SOLID.
2. LAP BARS 48 BAR DIAMETERS MINIMUM.
3. FOOTING DOWELS TO MATCH VERTICAL REINFORCING, TYPICAL.
4. PROVIDE HORIZONTAL JOINT REINFORCING AT 16" ON CENTER.
5. EXTEND JAMB AND LINTEL REINFORCING 30" PAST OPENING.



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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST, BALTIMORE, MD 21211

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LICENSE NO.: 22283
EXPIRATION DATE: 8/25/2016

No.	DATE	DESCRIPTION

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/16

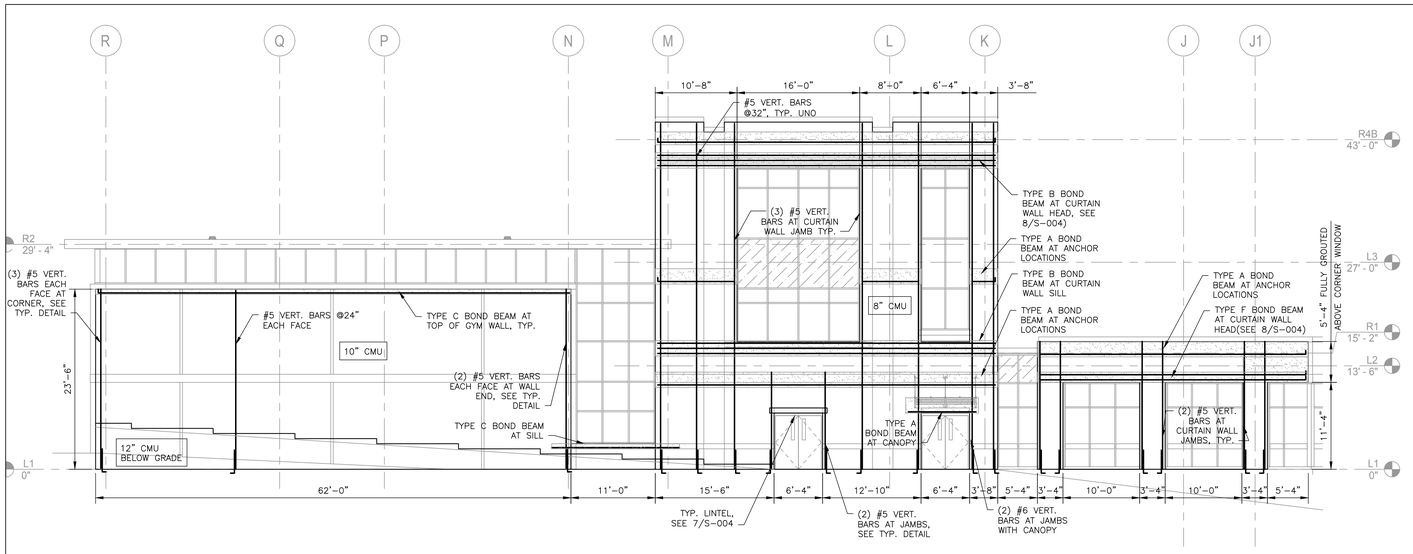
SCALE: As Indicated

DRAWING NAME

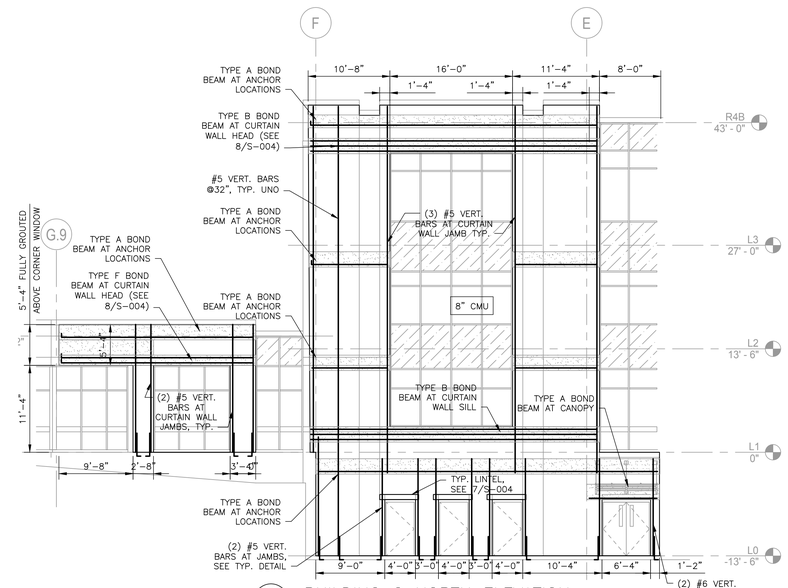
CMU WALL ELEVATIONS

S-231

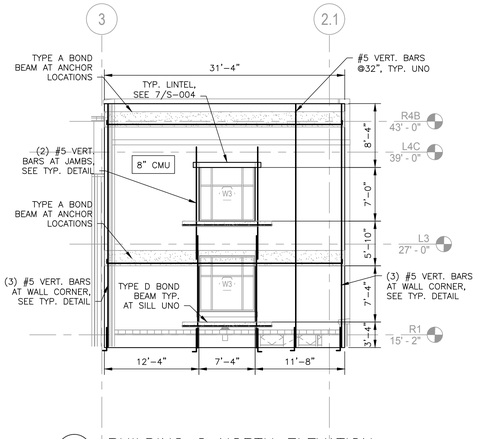
3/18/2016 5:47 PM



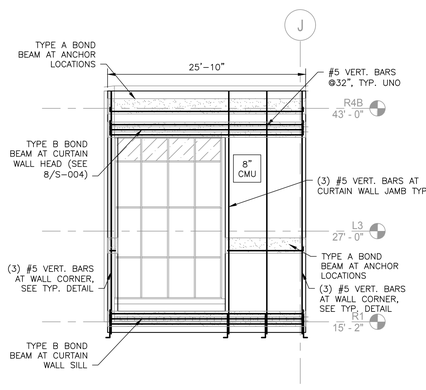
1 S-232 BUILDING C NORTH ELEVATION
SCALE: 1/8" = 1'-0"



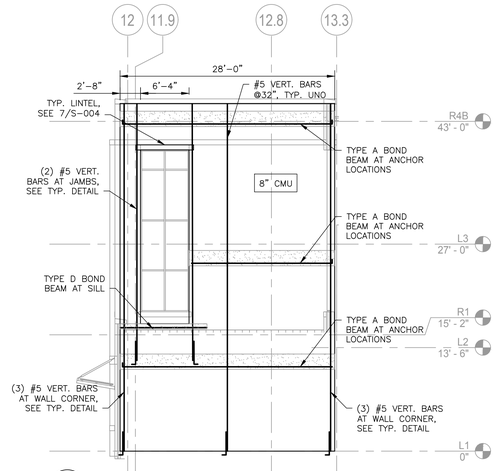
2 S-232 BUILDING C NORTH ELEVATION
SCALE: 1/8" = 1'-0"



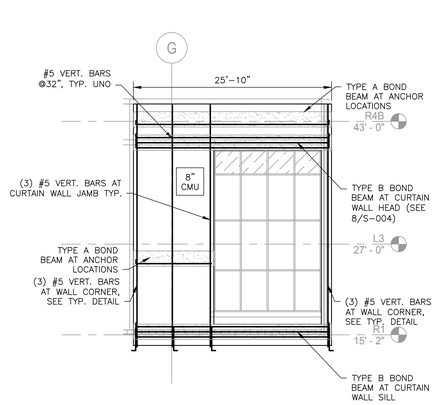
3 S-232 BUILDING C NORTH ELEVATION
SCALE: 1/8" = 1'-0"



4 S-232 BUILDING C NORTH ELEVATION
SCALE: 1/8" = 1'-0"



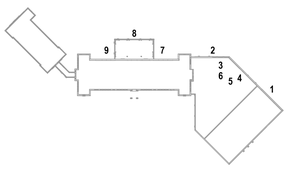
5 S-232 BUILDING C NORTH ELEVATION
SCALE: 1/8" = 1'-0"

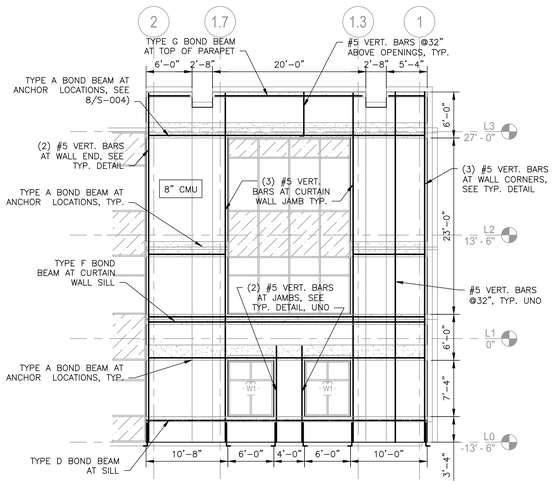


6 S-232 BUILDING C NORTH ELEVATION
SCALE: 1/8" = 1'-0"

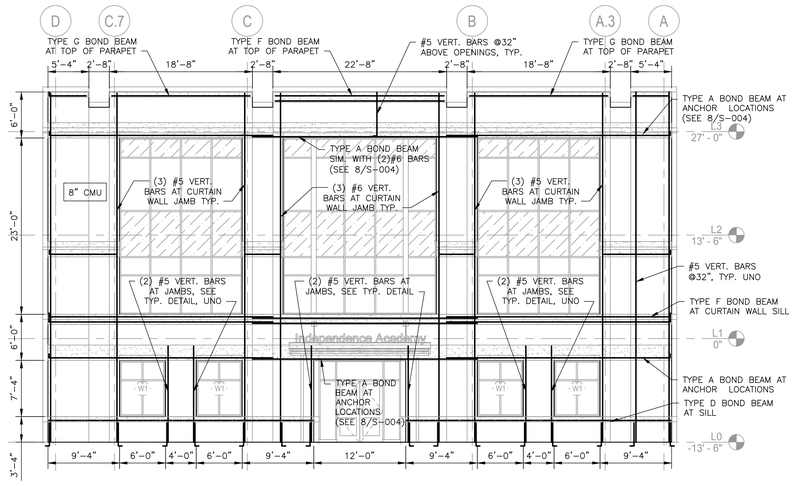
CMU BOND BEAM SCHEDULE					
MARK	WIDTH	DEPTH	BOTTOM REINFORCING	TOP REINFORCING	MIDDLE REINFORCING
A	0'-8"	2'-0"	(2) #5 BARS	N/A	N/A
B	0'-8"	2'-0"	(2) #5 BARS	(2) #5 BARS	(2) #5 BARS
C	0'-10"	0'-8"	(2) #5 BARS	N/A	N/A
D	0'-8"	0'-8"	(1) #5 BARS	N/A	N/A
E	0'-8"	2'-0"	(2) #6 BARS	(2) #6 BARS	(2) #6 BARS
F	0'-8"	1'-4"	(2) #5 BARS	(2) #5 BARS	N/A
G	0'-8"	0'-8"	(2) #6 BARS	N/A	N/A

ELEVATION NOTES:
1. ALL CELLS WITH REINFORCING SHALL BE GROUTED SOLID.
2. LAP BARS 48 BAR DIAMETERS MINIMUM.
3. FOOTING DOWELS TO MATCH VERTICAL REINFORCING, TYPICAL.
4. PROVIDE HORIZONTAL JOINT REINFORCING AT 16" ON CENTER.
5. EXTEND JAMB AND LINTEL REINFORCING 30" PAST OPENING.

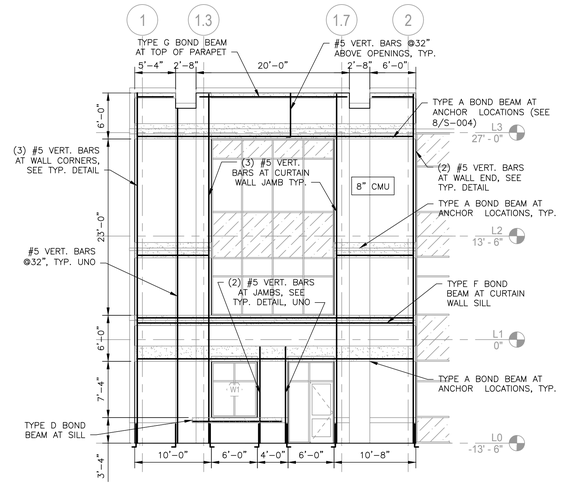




7 S-232 BUILDING B EAST ELEVATION
SCALE: 1/8" = 1'-0"



8 S-232 BUILDING B NORTH ELEVATION
SCALE: 1/8" = 1'-0"



9 S-232 BUILDING B WEST ELEVATION
SCALE: 1/8" = 1'-0"

JRS ARCHITECTS
2010 Clipper Park Rd.
Suite 101
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ASSOCIATE ARCHITECT
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LANDSCAPE ARCHITECT
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Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST, BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 23393
EXPIRATION DATE: 8/25/2016

No.	DATE	DESCRIPTION

BID ISSUE

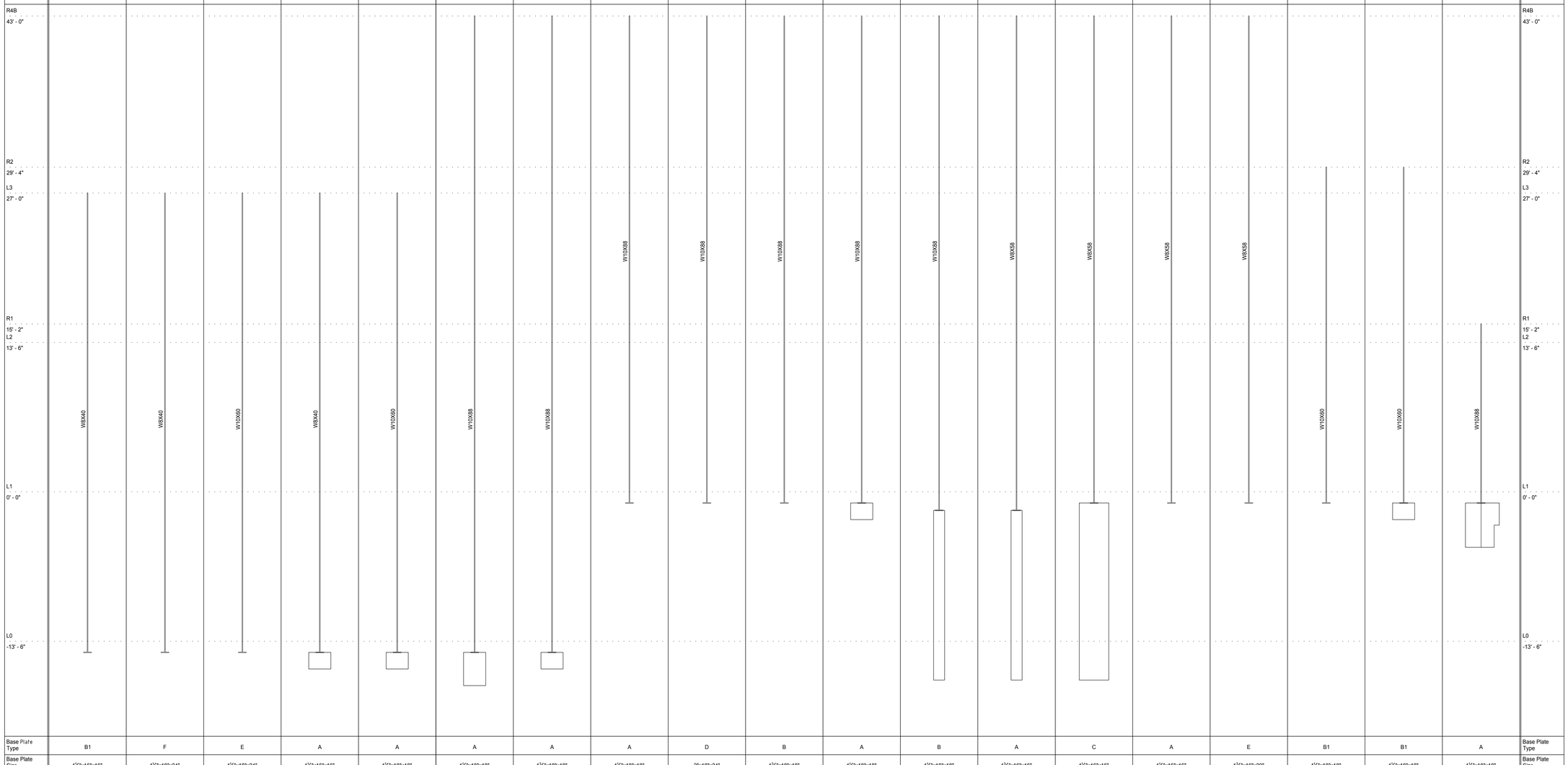
PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated
DRAWING NAME

CMU WALL ELEVATIONS

S-232

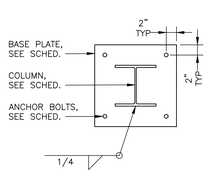
3/18/2016 5:47 PM

COLUMN SCHEDULE

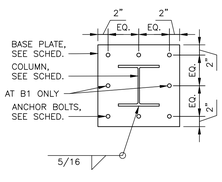


Column Tag	C1	C1A	C2	C3	C4	C5	C6	C7	C7A	C7B	C7C	C8	C9	C10	C11	C11A	C12	C12 A	C13	Column Tag
Column Locations	A-1.3, A-1.7, A.3-1, C.7-1, D-1.3, D-1.7	A-1, D-1	A-2, D-2	B-1, C-1	B-2, C-2	E-2.1	E-3, E-4	E-6, E-8, M-18	L-12, M-17	F-6, L-15, L-17, M-12, M-15	E-7, E-9	F-2.1	F-3, F-4	F-5	H-3, K-12, K-12.8, K-13.3, K-14, K-14.4, K-15, K-16, L-14, L-16	L-13, M-13, M-14, M-16	N-12, N-18, P-12, P-18, Q-12, Q-18, R-13, R-14, R-15, R-16, R-17	R-12, R-18	11.9-14.6	Column Locations
Base Plate Type	B1	F	E	A	A	A	A	A	D	B	A	B	A	C	A	E	B1	B1	A	Base Plate Type
Base Plate Size	1½"x16"x16"	1½"x18"x24"	1½"x18"x24"	1½"x16"x16"	1½"x18"x18"	1½"x18"x18"	1½"x18"x18"	1½"x18"x18"	2"x18"x24"	1½"x18"x18"	1½"x18"x18"	1½"x18"x18"	1½"x16"x16"	1½"x16"x16"	1½"x16"x16"	1½"x16"x20"	1½"x18"x18"	1½"x18"x18"	1½"x18"x18"	Base Plate Size
Anchor Bolts	(8) ¾" Ø 15" EMBED	(4) 1¼" Ø 15" EMBED	(8) ¾" Ø 8" EMBED	(4) ¾" Ø 8" EMBED	(4) ¾" Ø 8" EMBED	(4) ¾" Ø 8" EMBED	(4) ¾" Ø 8" EMBED	(4) ¾" Ø 8" EMBED	(12) 1¼" Ø 15" EMBED	(6) 1½" Ø 22" EMBED	(4) ¾" Ø 8" EMBED	(6) 1½" Ø 15" EMBED	(4) ¾" Ø 8" EMBED	(12) ¾" Ø 8" EMBED	(4) ¾" Ø 8" EMBED	(8) 1½" Ø 15" EMBED	(8) ¾" Ø 8" EMBED	(8) ¾" Ø 8" EMBED	(4) ¾" Ø 8" EMBED	Anchor Bolts
Pier	N/A	N/A	N/A	24"x24" W/ (8) #8 VERT. BARS, #4 TIES @ 12"	24"x24" W/ (8) #8 VERT. BARS, #4 TIES @ 12"	24"x28" W/ (10) #8 VERT. BARS, #4 TIES @ 12"	24"x24" W/ (8) #8 VERT. BARS, #4 TIES @ 12"	N/A	N/A	N/A	24"x24" W/ (8) #8 VERT. BARS, #4 TIES @ 12"	CONC. WALL PILASTER	CONC. WALL PILASTER	CONC. WALL PILASTER	N/A	N/A	N/A	24"x24" W/ (8) #8 VERT. BARS, #4 TIES @ 12"	24"x28" W/ (10) #8 VERT. BARS, #4 TIES @ 12"	Pier

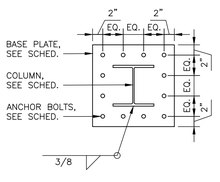
NOTES:
1. ALL ¾" Ø ANCHOR BOLTS SHALL BE ASTM F1554 GRADE 36, U.N.O.
2. ALL 1¼" Ø ANCHOR BOLTS SHALL BE ASTM F1554 GRADE 55, U.N.O.
3. ALL BASE PLATES SHALL BE ASTM A36, U.N.O.



TYPE A



TYPE B, B1



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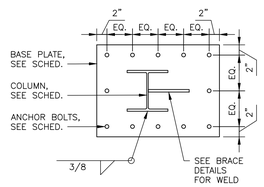
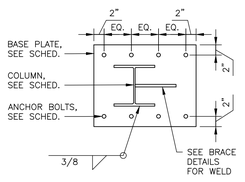
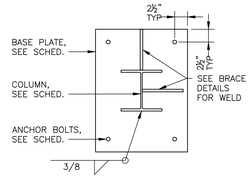


TYPE D

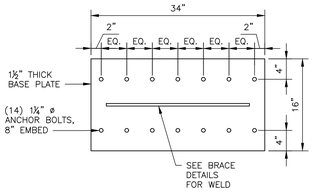


TYPE E

BASE PLATES



TYPE F



TYPE G

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No.	DATE	DESCRIPTION

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/16

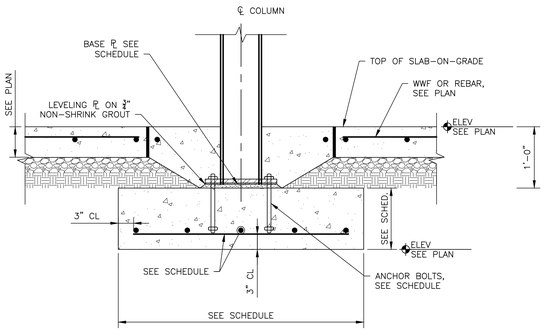
SCALE: As Indicated

DRAWING NAME

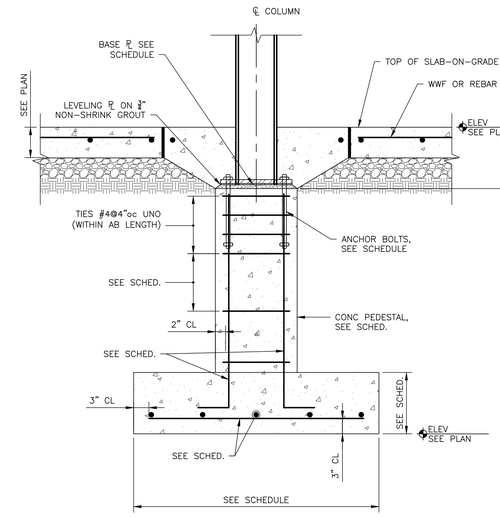
COLUMN SCHEDULE

S-301

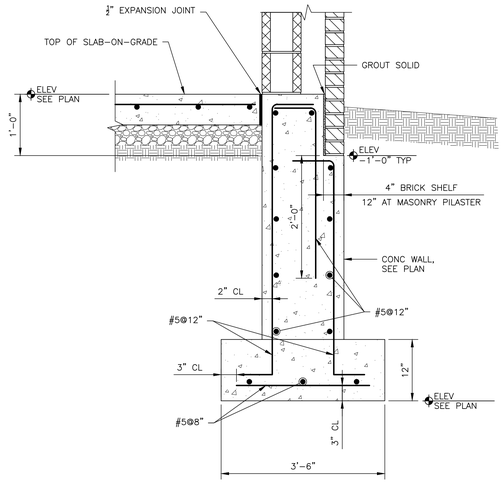
3/18/2016 5:47 PM



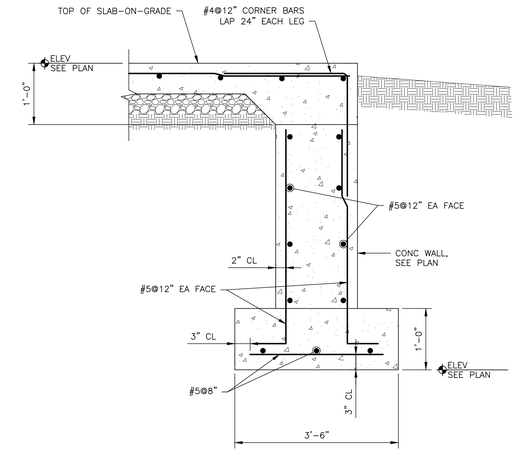
1 S-401 COLUMN BASE AND FOOTING
SCALE: NONE



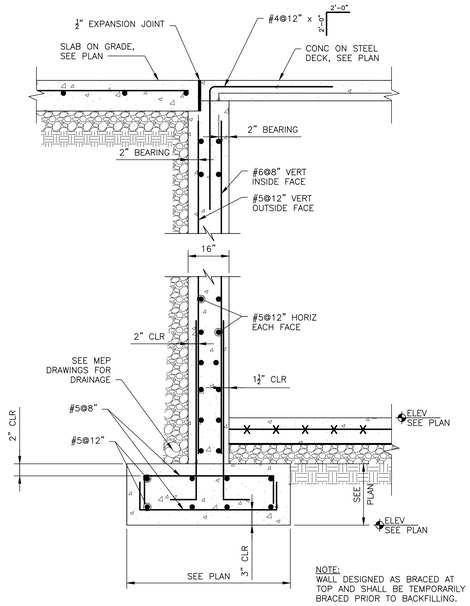
2 S-401 COLUMN BASE AND FOOTING W/PILASTER
SCALE: NONE



3 S-401 EXTERIOR WALL FOOTING
SCALE: NONE

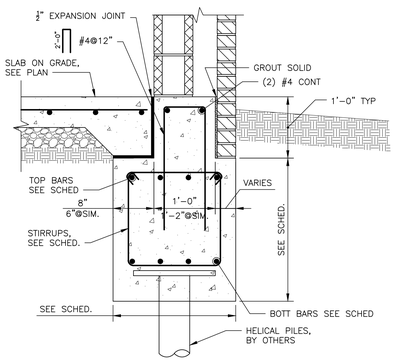


4 S-401 EXTERIOR WALL FOOTING AT DOOR/GLAZING
SCALE: NONE

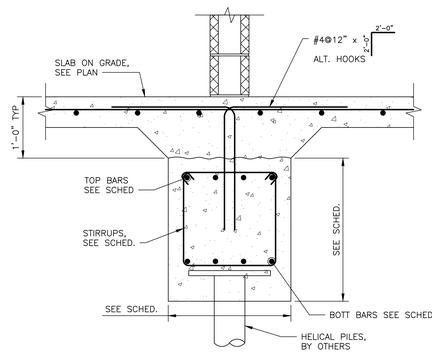


NOTE:
WALL DESIGNED AS BRACED AT TOP AND SHALL BE TEMPORARILY BRACED PRIOR TO BACKFILLING.

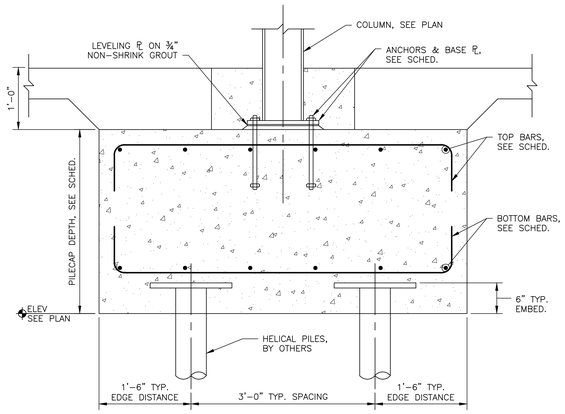
5 S-401 TYP. BASEMENT WALL
SCALE: NONE



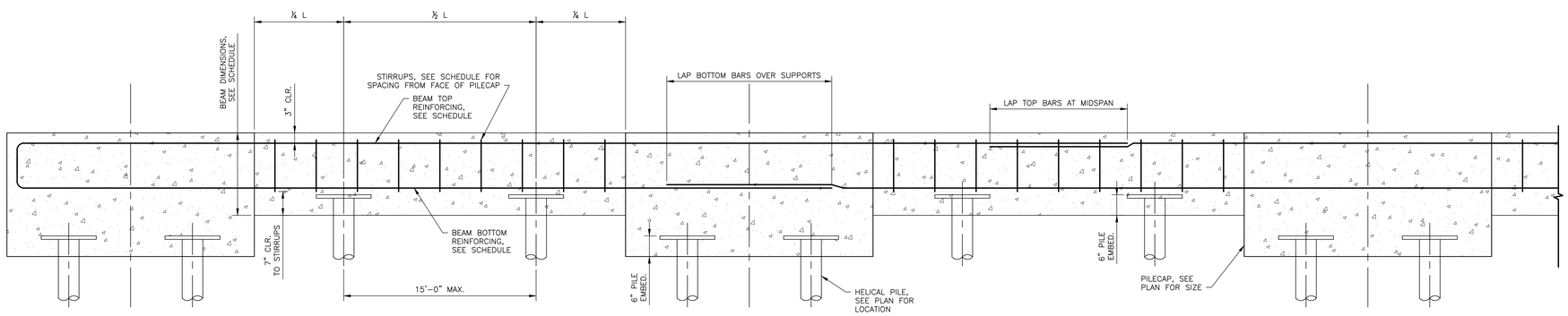
6 S-401 EXTERIOR GRADE BEAM
SCALE: NONE



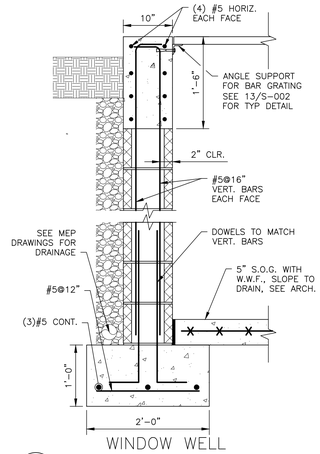
7 S-401 INTERIOR GRADE BEAM
SCALE: NONE



8 S-401 TYPICAL PILECAP SECTION
SCALE: NONE



9 S-401 TYPICAL GRADE BEAM DETAIL
SCALE: NONE



10 S-401 WINDOW WELL SECTION
SCALE: NONE

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EXPIRATION DATE: 8/25/2016

No.	DATE	DESCRIPTION

BID ISSUE

PROJECT No.: 2015-013

DATE: 3/31/16

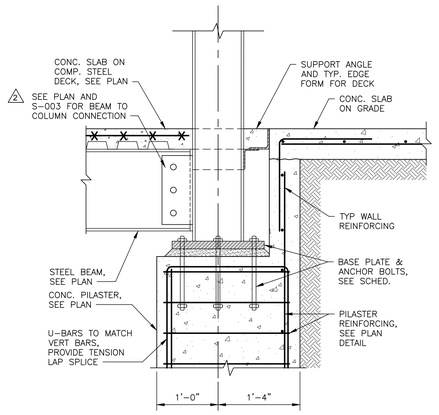
SCALE: As Indicated

DRAWING NAME

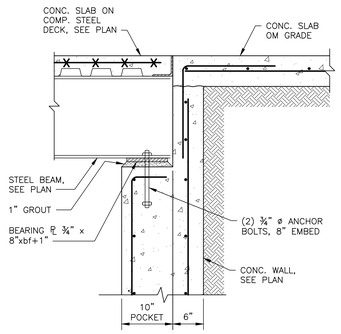
FOUNDATION DETAILS

S-401

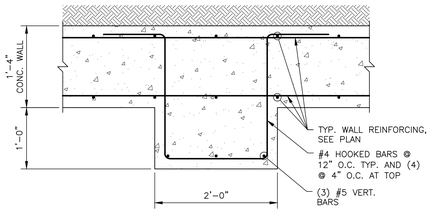
3/18/2016 5:47 PM



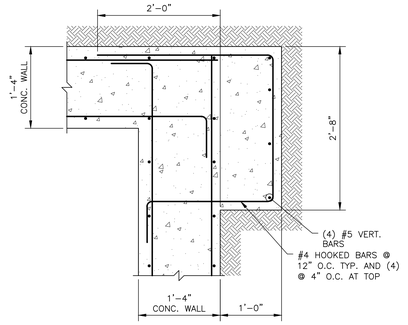
COLUMN POCKET IN CONC. WALL
1 / S-402 — SCALE: NONE



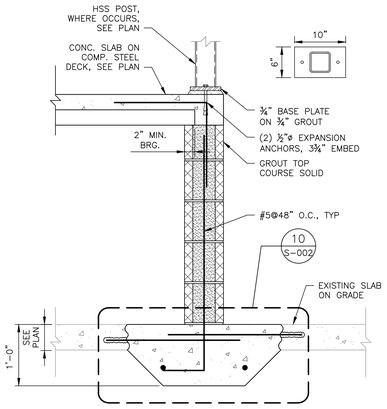
BEAM POCKET IN CONC. WALL
2 / S-402 — SCALE: NONE



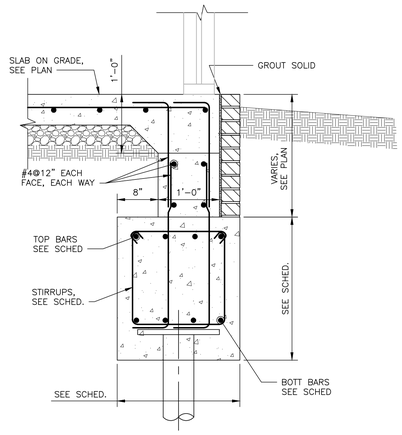
CONC. PILASTER DETAIL
3 / S-402 — SCALE: NONE



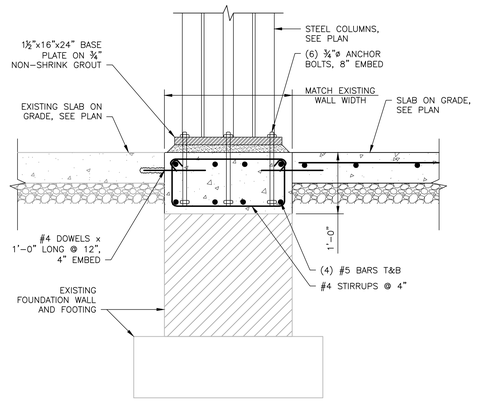
CONC. PILASTER DETAIL
4 / S-402 — SCALE: NONE



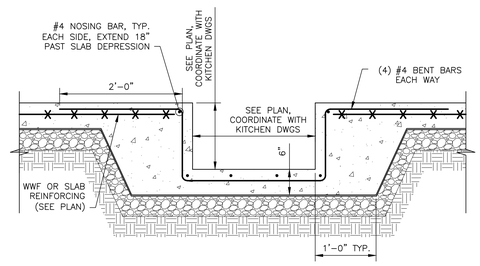
BUILT-UP FRAMING AT LOWER LEVEL
5 / S-402 — SCALE: NONE



EXTERIOR GRADE BEAM (LOW GRADE)
6 / S-402 — SCALE: NONE



DISTRIBUTION BEAM AT EXISTING WALL
7 / S-402 — SCALE: NONE



1 FLOOR TROUGH DETAIL
8 / S-402 — 1"=1'-0"

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No.	DATE	DESCRIPTION
1	04/18/16	Addendum #2
2	05/06/16	Addendum #5

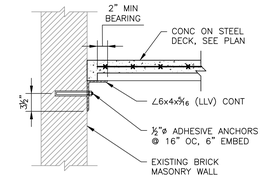
BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated

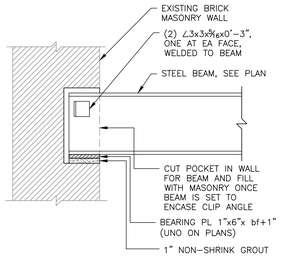
DRAWING NAME
FOUNDATION DETAILS

S-402

3/18/2016 5:47 PM



1 S-501 LEDGER ANGLE AT EXISTING MASONRY WALL
SCALE: 1"=1'-0"



2 S-501 BEAM POCKET AT EXISTING MASONRY WALL
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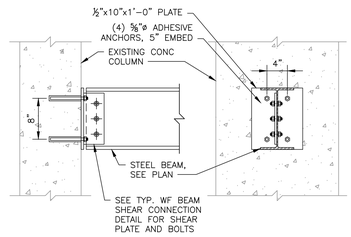
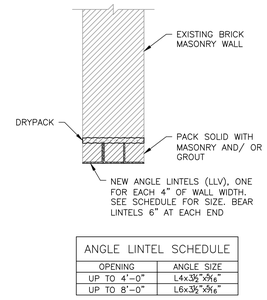
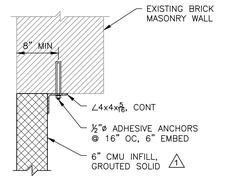


3 S-501 WF BEAM AT EXISTING CONC. COLUMN
SCALE: 1"=1'-0"



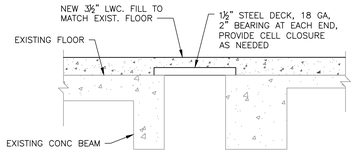
ANGLE LINTEL SCHEDULE	
OPENING	ANGLE SIZE
UP TO 4'-0"	L4x3½"x5/16"
UP TO 8'-0"	L6x3½"x5/16"

4 S-501 ANGLE LINTEL IN EXISTING WALL
SCALE: 1"=1'-0"

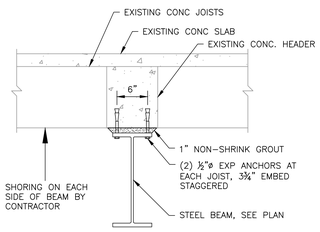


PLAN VIEW

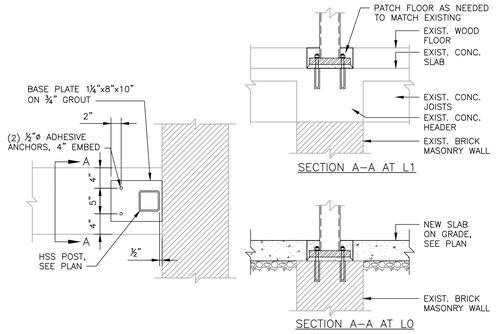
5 S-501 WINDOW WELL INFILL DETAIL
SCALE: 1"=1'-0"



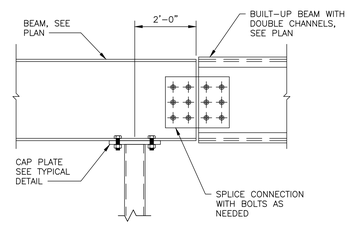
6 S-501 FLOOR INFILL DETAIL
SCALE: 1"=1'-0"



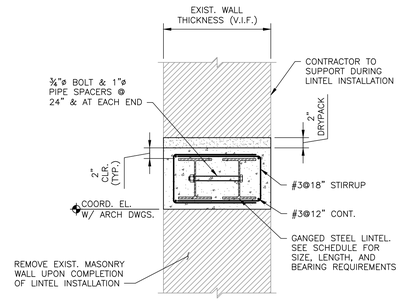
7 S-501 WF BEAM AT EXISTING FLOOR
SCALE: 1"=1'-0"



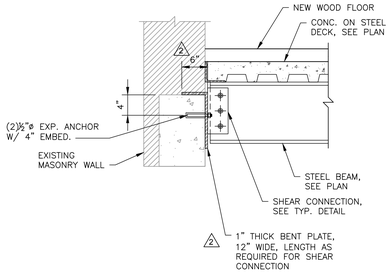
8 S-501 BASE PLATE AT EXISTING WALL
SCALE: 1"=1'-0"



9 S-501 BEAM SPLICE AT HSS COLUMN
SCALE: 1"=1'-0"



10 S-501 WF LINTEL IN EXISTING WALL
SCALE: 1"=1'-0"



11 S-501 WALL PLATE WP-1
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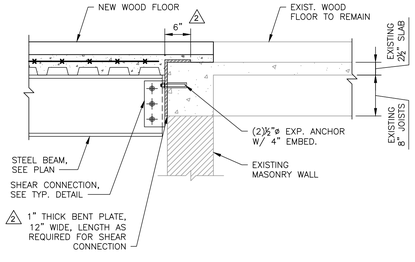
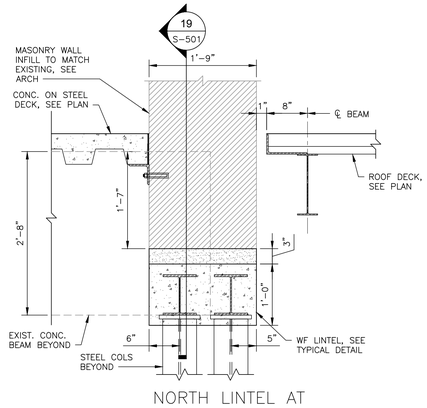
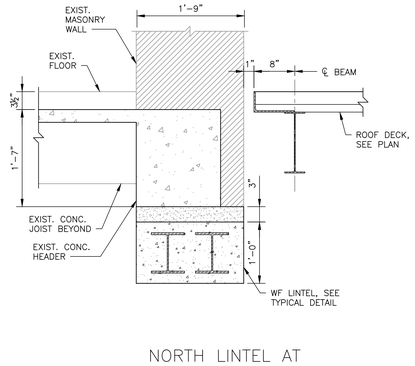


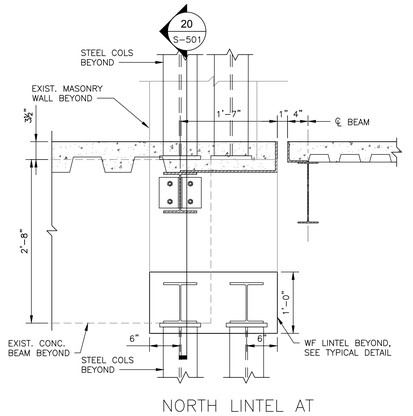
12 S-501 WALL PLATE WP-2
SCALE: 1"=1'-0"



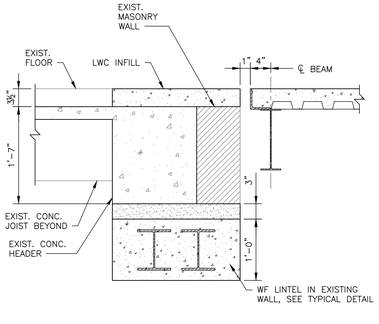
13 S-501 NORTH LINTEL AT INFILL (L3)
SCALE: 1"=1'-0"



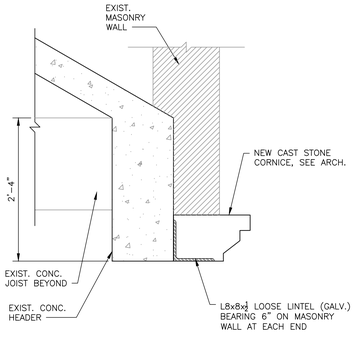
14 S-501 NORTH LINTEL AT EXISTING FLOOR (L3)
SCALE: 1"=1'-0"



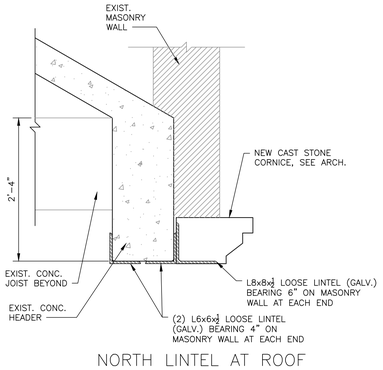
15 S-501 NORTH LINTEL AT INFILL (L2/L1)
SCALE: 1"=1'-0"



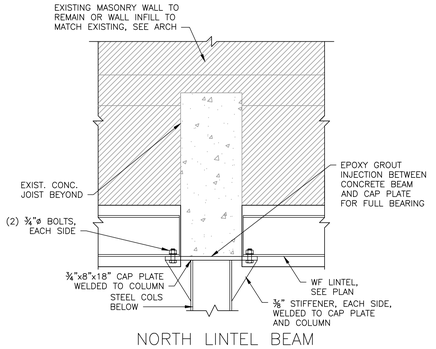
16 S-501 NORTH LINTEL AT EXISTING FLOOR (L2/L1)
SCALE: 1"=1'-0"



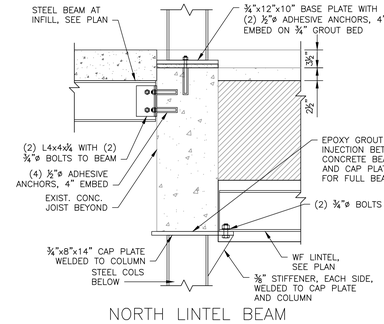
17 S-501 NORTH LINTEL AT ROOF LEVEL (CENTER WINDOW)
SCALE: 1"=1'-0"



18 S-501 NORTH LINTEL AT ROOF LEVEL (RIGHT WINDOW)
SCALE: 1"=1'-0"



19 S-501 NORTH LINTEL BEAM TO COL (L3)
SCALE: 1"=1'-0"



20 S-501 NORTH LINTEL BEAM TO COL (L2/L1)
SCALE: 1"=1'-0"

JRS ARCHITECTS
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PHILADELPHIA, PA 19127

LANDSCAPE ARCHITECT
MAHAN RYKIEL ASSOCIATES
800 WYMAN PARK DR, SUITE 100
BALTIMORE, MD 21211

CIVIL ENGINEER
STV, INC.
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BALTIMORE, MD 21244

STRUCTURAL ENGINEER
ALBRECHT ENGINEERING
3500 BOSTON ST, SUITE 329
BALTIMORE, MD 21224

MEP ENGINEER
BRINJAC ENGINEERING
1800 N. CHARLES ST, SUITE 310
BALTIMORE, MD 21201

FOOD SERVICE
NYIKOS ASSOCIATES
18219A FLOWER HILL WAY
GAITHERSBURG, MD 20879

AVIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056
1300 W 36TH ST, BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 23393
EXPIRATION DATE: 8/25/2016

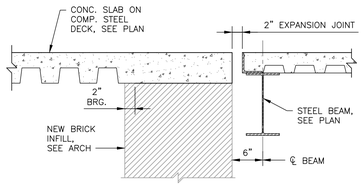
No.	DATE	DESCRIPTION
1	04/18/16	Addendum #2
2	05/06/16	Addendum #5

BID ISSUE

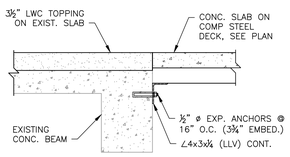
PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated
DRAWING NAME
SUPER-STRUCTURE DETAILS

S-501

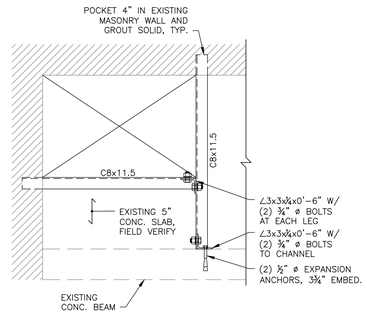
3/18/2016 5:47 PM



1 S-502 INFILL AT CORRIDOR
SCALE: 1"=1'-0"



2 S-502 INFILL AT CORRIDOR
SCALE: 1"=1'-0"



3 S-502 OPENING IN EXISTING SLAB
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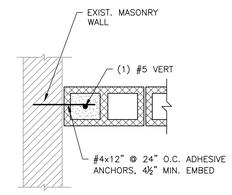

4 S-502 CONNECTION TO EXISTING WALL
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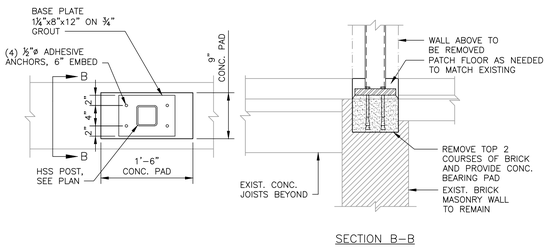
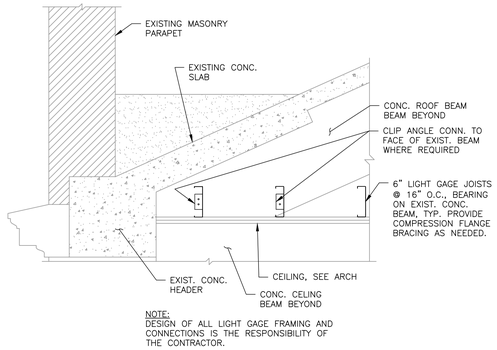


5 S-502 BASE PLATE AT EXISTING WALL
SCALE: 1"=1'-0"



6 S-502 CEILING FRAMING DETAIL
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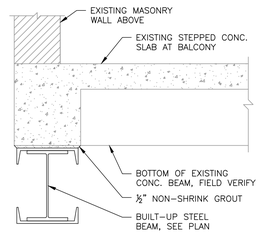

7 S-502 BUILT-UP STEEL BEAM
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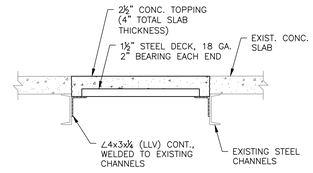
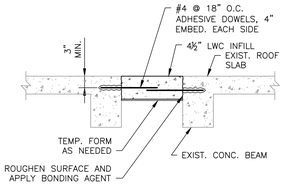
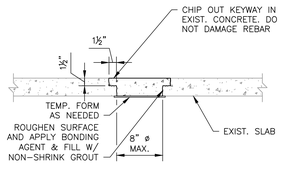


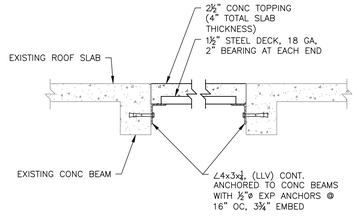
8 S-502 ROOF INFILL DETAIL
SCALE: 1"=1'-0"



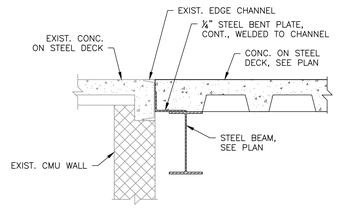
9 S-502 ROOF INFILL DETAIL
SCALE: 1"=1'-0"



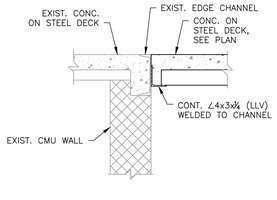
10 S-502 ROOF INFILL DETAIL
SCALE: 1"=1'-0"



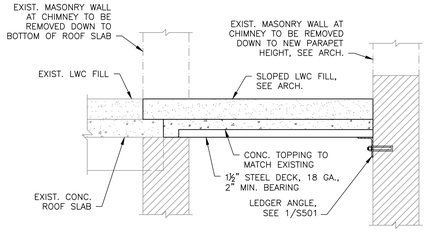
11 S-502 ROOF INFILL DETAIL
SCALE: 1"=1'-0"



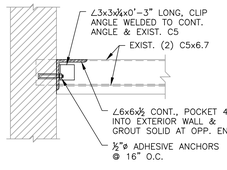
12 S-502 SECTION AT EXISTING PLATFORM
SCALE: 1"=1'-0"



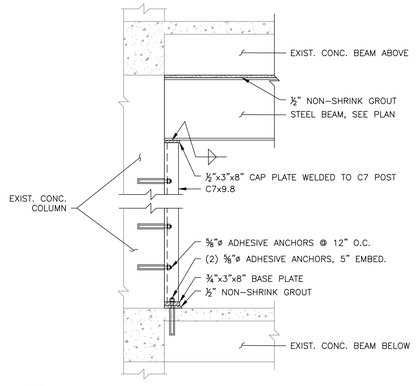
13 S-502 SECTION AT EXISTING PLATFORM
SCALE: 1"=1'-0"



14 S-502 CHIMNEY INFILL DETAIL
SCALE: 1"=1'-0"



15 S-502 WALL BRACING DETAIL
SCALE: 1"=1'-0"



16 S-502 STEEL BEAM SUPPORT AT NEW STAIR
SCALE: 1"=1'-0"

JRS ARCHITECTS
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PHILADELPHIA, PA 19127

LANDSCAPE ARCHITECT
MAHAN RYKIEL ASSOCIATES
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BALTIMORE, MD 21211

CIVIL ENGINEER
STV, INC.
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BALTIMORE, MD 21244

STRUCTURAL ENGINEER
ALBRECHT ENGINEERING
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BALTIMORE, MD 21224

MEP ENGINEER
BRUNJC ENGINEERING
1800 N. CHARLES ST, SUITE 310
BALTIMORE, MD 21201

FOOD SERVICE
NYIKOS ASSOCIATES
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GAITHERSBURG, MD 20879

AVIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST, BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 23303
EXPIRATION DATE: 9/25/2016

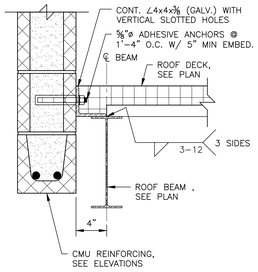
No.	DATE	DESCRIPTION

BID ISSUE

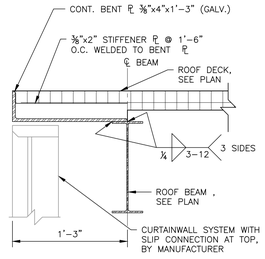
PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated
DRAWING NAME
DETAILS

S-502

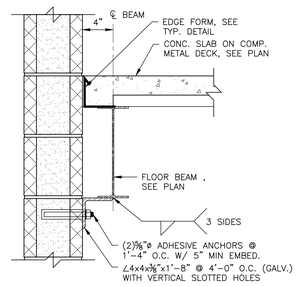
3/18/2016 5:47 PM



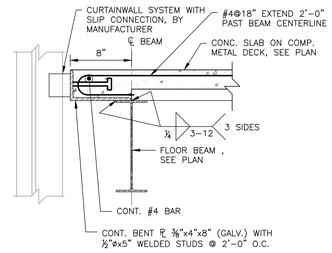
1 S-503 ROOF EDGE AT CMU WALL
SCALE: 1 1/2"=1'-0"



2 S-503 ROOF EDGE AT CURTAINWALL
SCALE: 1 1/2"=1'-0"

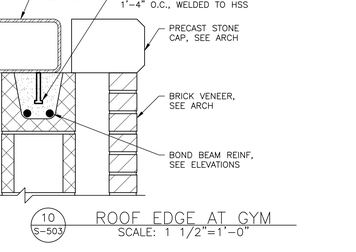


3 S-503 FLOOR EDGE AT CMU WALL
SCALE: 1 1/2"=1'-0"

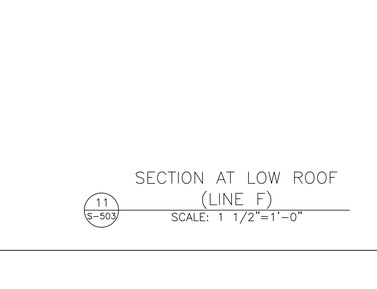


4 S-503 FLOOR EDGE AT CURTAINWALL
SCALE: 1 1/2"=1'-0"

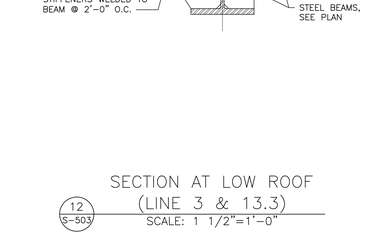
5 S-503 ROOF EDGE AT CMU WALL
SCALE: 1 1/2"=1'-0"



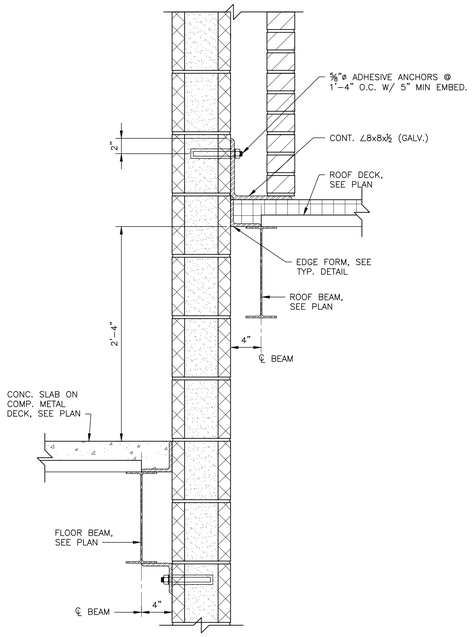
6 S-503 ROOF EDGE AT CURTAINWALL
SCALE: 1 1/2"=1'-0"



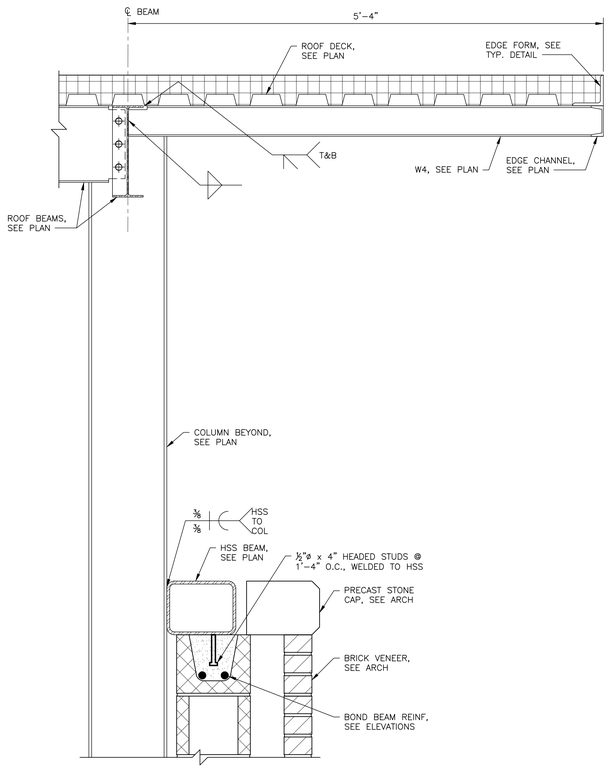
7 S-503 FLOOR EDGE AT CMU WALL
SCALE: 1 1/2"=1'-0"



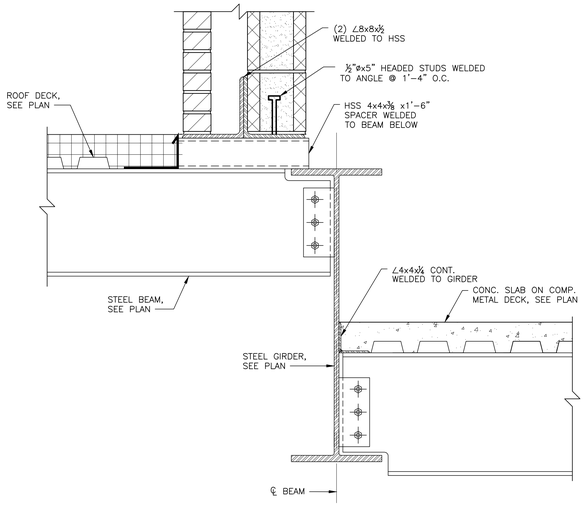
8 S-503 FLOOR EDGE AT CURTAINWALL
SCALE: 1 1/2"=1'-0"



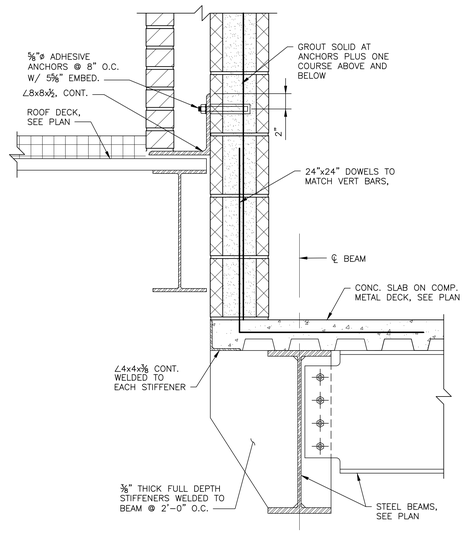
9 S-503 SECTION AT GYM ROOF
SCALE: 1 1/2"=1'-0"



10 S-503 ROOF EDGE AT GYM
SCALE: 1 1/2"=1'-0"



11 S-503 SECTION AT LOW ROOF (LINE F)
SCALE: 1 1/2"=1'-0"



12 S-503 SECTION AT LOW ROOF (LINE 3 & 13.3)
SCALE: 1 1/2"=1'-0"

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AVIT CONSULTANT
EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND RD, SUITE 301
ANNAPOLIS, MD 21401

Baltimore City Public Schools
Additions & Renovations at Robert Poole Building #056

1300 W 36TH ST, BALTIMORE, MD 21211

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 23393
EXPIRATION DATE: 8/25/2016

No.	DATE	DESCRIPTION

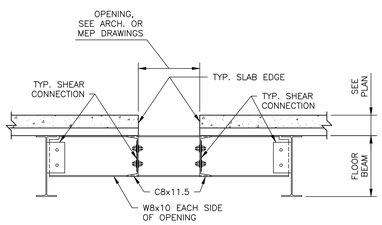
BID ISSUE

PROJECT No.: 2015-013
DATE: 3/31/16
SCALE: As Indicated

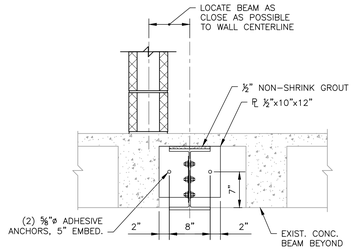
DRAWING NAME
SUPER STRUCTURE DETAILS

S-503

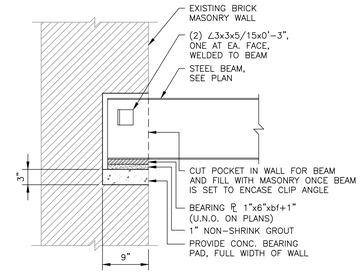
3/18/2016 5:47 PM



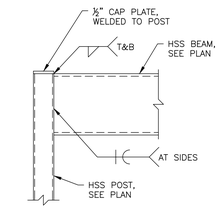
1 S-504 FRAMED OPENING
SCALE: 1"=1'-0"



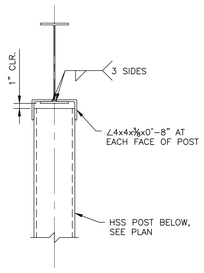
2 S-504 STEEL SUPPORT AT NEW MASONRY PARTITION
SCALE: 1"=1'-0"



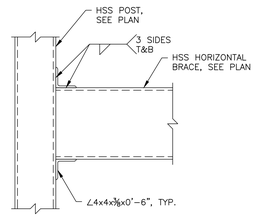
3 S-504 BEAM POCKET AT EXISTING MASONRY WALL
SCALE: 1"=1'-0"



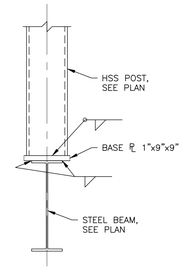
4 S-504 HSS CONNECTION AT CANOPY
SCALE: 1"=1'-0"



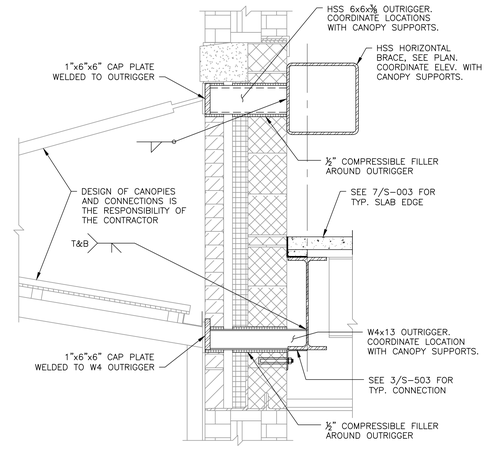
5 S-504 HSS POST TO BEAM ABOVE
SCALE: 1"=1'-0"



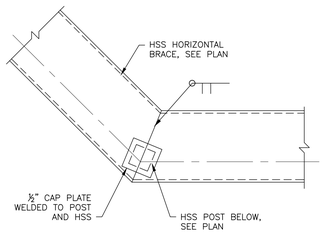
6 S-504 HSS BRACE TO HSS POST
SCALE: 1"=1'-0"



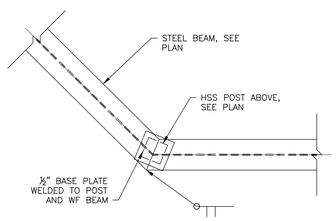
7 S-504 HSS POST BASE PLATE AT CANOPY
SCALE: 1"=1'-0"



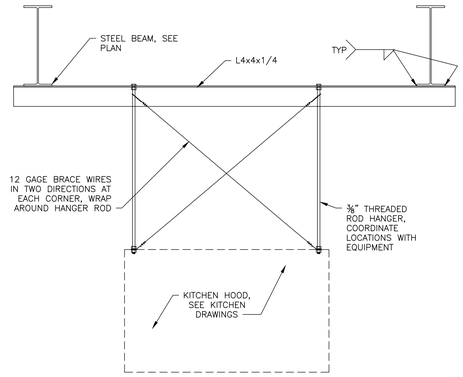
8 S-504 SECTION AT CANOPY SUPPORTS
SCALE: 1"=1'-0"



9 S-504 HSS BRACE TO POST BELOW
SCALE: 1"=1'-0"



10 S-504 HSS BRACE TO POST BELOW
SCALE: 1"=1'-0"



⚠1 11 S-504 HOOD SUPPORT DETAIL
SCALE: 1"=1'-0"

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No.	DATE	DESCRIPTION
1	04/18/16	Addendum #2

BID ISSUE

PROJECT No.: 2015-013
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SCALE: As Indicated

DRAWING NAME
TYPICAL SUPER STRUCTURE DETAILS

S-504

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