STEHLI SILK MILL RENOVATIONS AND ALTERATIONS

PHASE I

FOR

STEHLI MILL, LLC

619-629 MARTHA AVE
LANCASTER,
PA 17601

ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
ACCOM	ACCOMMODATE
ACCORD	ACCORDANCE
AC	ACOUSTIC
ADJ	ADJUSTABLE/ADJACENT
ALT	ALTERNATE
AL	ALUMINUM
AB	ANCHOR BOLTS
APA	AMERICAN PLYWOOD ASSOCIATION
ARCH	ARCHITECT(URAL)
ASPH CONC	ASPHALT CONCRETE PAVING
@	AT
BRG	BEARING
B PL	BEARING PLATE
BM	BENCH MARK
BIT	BITUMINOUS
BIT-DP	BITUMINOUS DAMPPROOFING
BLK	BLOCK
BD	BOARD
BOT	BOTTOM
BRK	BRICK
BLDG	BUILDING
CAB	CABINET
CI	CAST IRON
CLG	CEILING
CL	CENTER LINE
CER T	CERAMIC TILE
CIRC	CIRCULATION
CJ	CONTROL JOINT
CLO	CLOSET
COL	COLUMN
COMP	COMPUTER
CONC	CONCRETE
CONF	CONFERENCE
CMU	CONCRETE MASONRY UNITS
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
DEM	DEMOLISH, DEMOLITION
DTL	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DR	DOOR
DN	DOWN
DS	DOWNSPOUT
DF	DRINKING FOUNTAIN
EL	ELEVATION
ELEC	ELECTRIC(AL)
EWC	ELECTRIC WATER COOLER
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION, ELEVATOR
ENG	ENGINEER
EPS	EXPANDED POLYSTERENE
EQ	EQUAL
EXIST	EXISTING
EXP JT	EXPANSION JOINT
EXP	EXPOSED
EXT	EXTERIOR
EXTR PS	EXTRUDED POLYSTYRENE
FG BATT	FIBERGLASS BATT
FIN	FINISH
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FRTW	FIRE RESISTANT TREATED WOOD
FLG	FLASHING
FL	FLOOR
FD	FLOOR DRAIN
FTG	FOOTING
GA	GAGE, GAUGE
GALV	GALVANIZED
GL	GLASS
GC	GENERAL CONTRACT(OR)
GTR	GUTTER
GWB	GYPSUM DRYWALL (WALLBOARD)
GWB-X	GWB, TYPE X (FIRE RESISTIVE CLASSIFICATION)
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HC	HOLLOW CORE
HL-CMU	HOLLOW LOADBEARING CMU
HM	HOLLOW METAL STEEL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
ID	INSIDE DIAMETER
INS	INSULATE(D)(ION)
INT	INTERIOR
INV	INVERT
JST	JOIST
JT	JOINT
LAM	LAMINATE(D)(ION)
LES	LEAD EXPANSION SHIELD
LLV	LONG LEG VERTICAL
LIN FT	LINEAL FOOT
MH	MANHOLE
MFR	MANUFACTURER
MO	MASONRY OPENING
MAX	MAXIMUM
MECH	MECHANICAL
MC	MECHANICAL CONTRACTOR
MCP	MELAMINE COATED PARTICLE BOARD
MET/MTL	METAL
MIN	MINIMUM
MLD	MOLDING, MOULDING
MTD	MOUNTED
NA	NOT APPLICABLE
NAT	NATURAL
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
NO OR #	NUMBER
OC	ON CENTER
OFF	OFFICE
OP PL OF	OPEN PLAN OFFICE
H-STL JST	OPEN WEB STEEL JOISTS
OPG	OPENING
OD	OUTSIDE DIAMETER
OH	OVERHEAD
PART	PARTITION
PNT	PAINT(ED)
PL	PLATE
PC	PLUMBING CONTRACTOR
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PT	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
RWC	RAIN WATER CONDUCTOR
RECPT	RECEPTION
REINF	REINFORCING
REBAR	REINFORCING BARS
REP	REPRESENTATIVE
REQ	REQUIRED
ROW	RIGHT OF WAY
RF	ROOF
RF DK	ROOF DECKING
RD	ROOF DRAIN
RM	ROOM
RO	ROUGH OPENING
SDO	SALVAGE & DELIVER TO OWNER
SHT	SHEET
SKL	SKYLIGHT
SL	SLATE
SC	SOLID CORE
SPEC	SPECIFICATION
SPKLR	SPRINKLER
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STL JST	STEEL JOIST
STL STD	STEEL STUD
STO	STORAGE
STR	STRUCTURE/STRUCTURAL
STR STL	STRUCTURAL STEEL
SYS	SYSTEM
TEL	TELEPHONE
TMP	TEMPERED
T&G	TONGUE AND GROOVE
T.O.	TOP OF
TOC	TOP OF CURB
TOF	TOP OF FOOTER
TOS	TOP OF STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VB	VAPOR BARRIER
VERT	VERTICAL
VCT	VINYL COMPOSITION TILE
VIF	VERIFY IN FIELD
VWB	VINYL WALL BASE
VWC	VINYL WALL COVERING
WAIT	WAITING
WWF	WELDED WIRE FABRIC
W/	WITH
W/O	WITHOUT
WOL	WOLMANIZED
WD	WOOD

NOTE: NOT ALL ABBREVIATIONS LISTED ARE APPLICABLE TO THIS PROJECT

ANNOTATION SYMBOLS

NORTH ARROW

PROJECT NORTH

LEVEL LINE
OR CONTROL POINT

STAIR OR RAMP
DIRECTIONAL ARROW

ELEVATION

ELEVATION NUMBER

SHEET NUMBER

SECTIONS

SECTION NUMBER
SHEET NUMBER

DETAIL

DETAIL NUMBER
SHEET NUMBER

CASEWORK TAG

WINDOW TYPE

DOOR NUMBER

ROOM IDENTIFICATION

ROOM NAME

ROOM NUMBER

CONSTRUCTION NOTES

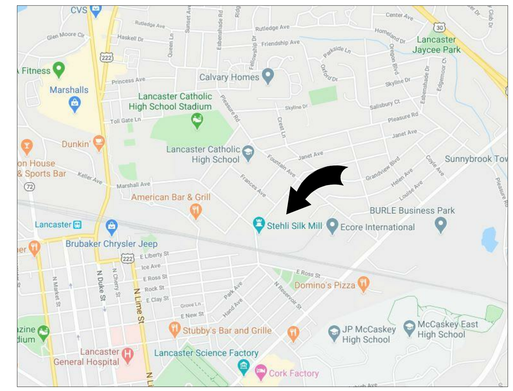
1. REVIEW HARDWARE SCHEDULE, INTERIOR ELEVATIONS, & DETAILS, & PROVIDE FIRE TREATED SOLID WOOD BLOCKING INSIDE FIRE-RATED STUD WALLS & SOLID WOOD BLOCKING INSIDE STUD WALLS WHERE SOLID ANCHORAGE IS REQUIRED.
2. WHERE EXISTING CONSTRUCTION IS CUT & PATCHED, REPAIR ALL ADJACENT SURFACES DISTURBED BY CUTTING & PATCHING & PREPARE TO RECEIVE NEW CONSTRUCTION &/OR NEW SCHEDULED FINISHES. REPAIRS SHALL MATCH EXISTING ADJACENT &/OR SIMILAR SURFACES & MATERIALS. TRANSITIONS BETWEEN NEW & EXISTING CONSTRUCTION SHALL BE SMOOTH & UNNOTICEABLE.
3. ALL FINISHED SURFACES IN THIS PROJECT ARE TO BE PATCHED & REPAIRED TO MATCH ADJACENT OR SIMILAR CONSTRUCTION & PREPARED TO RECEIVE SPECIFIED FINISHES. THIS INCLUDES DAMAGED FLOORING, PLASTER, WOOD TRIM, CASINGS, SILLS & DOORS, WINDOW GLASS & MASONRY. TRANSITIONS BETWEEN NEW REPAIRS & EXISTING CONSTRUCTION SHALL BE SMOOTH & UNNOTICEABLE.
4. ALL MTL THAT COMES INTO CONTACT WITH PT WOOD SHALL BE STAINLESS OR GALV. STEEL. THIS INCLUDES BUT IS NOT LIMITED TO FASTNERS, FLASHING AND JOIST HANGERS. STRUCTURAL STL SHALL BE PRIMED AND PAINTED PRIOR TO CONTACT WITH PT WOOD.
5. REPAIR ANY DAMAGE TO EXISTING OR NEW FIRE-RATED ENCLOSURES, CEILINGS AND WALLS.
6. SEAL AND FIRESTOP ALL PENETRATIONS AND OPENINGS IN ANY FIRE-RATED CONSTRUCTION USING PROPER FIRESTOPPING PRODUCTS INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
7. EMERGENCY LIGHTING SYSTEM: PROVIDE A MINIMUM OF ONE FOOT CANDLE OF ILLUMINATION FOR A MINIMUM DURATION OF ONE HOUR AS REQUIRED BY THE NATIONAL ELECTRICAL CODE AND IBC.
8. MAKE CHANGES OR ADDITIONS TO THE EMERGENCY LIGHTING AND EXIT LIGHTING SYSTEMS AS REQUIRED BY THE CODE OFFICIAL. DURING THE JOB SITE INSPECTIONS THE CODE OFFICIAL MAY REQUIRE CHANGES OR ADDITIONS TO THE SYSTEMS.
9. ALL MEANS OF EGRESS TO BE FREE & CLEAR AT ALL TIMES.

HAMMEL ASSOCIATES ARCHITECTS, LLC
Lancaster, PA
(717) 393.3713 FAX (717) 393.8227
WEB: WWW.HAMMELARCH.COM EMAIL: INFO@HAMMELARCH.COM

RETTEW
CIVIL ENGINEER
LANCASTER, PA
800.738.8395

RRD,PE CORP
STRUCTURAL ENGINEER
LANCASTER, PA
717.617.2725

CENTURY ENGINEERING
MEP/FP ENGINEER
NEW CUMBERLAND, PA
717.901.7055



LOCATION MAP
NOT TO SCALE

ACTUAL NORTH

PROJECT NORTH

JOINT SEALER SCHEDULE

DRAWING DESIGNATION / SEALANT TYPE		DESCRIPTION OF JOINT CONSTRUCTION AND LOCATION WHERE JOINT SEALER IS TYPICALLY APPLIED. (SEE NOTE BELOW)
ES-1	ONE-PART NONACID-CURING SILICONE SEALANT	EXTERIOR & INTERIOR VERTICAL JOINTS BETWEEN METAL & CONCRETE, UNIT MASONRY MORTAR, OR STONE; INTERIOR & EXTERIOR PERIMETER JOINTS OF METAL & WOOD FRAMES IN EXTERIOR WALLS; & EXTERIOR OVERHEAD JOINTS.
ES-2	MULTI-PART POURABLE URETHANE SEALANT	EXTERIOR & INTERIOR JOINTS IN HORIZONTAL SURFACES OF CONCRETE; BETWEEN METAL & CONCRETE, MORTAR & MASONRY.
ES-3	ONE-PART ACID-CURING SILICONE SEALANT	EXPOSED JOINTS WITHIN GLAZED CURTAIN WALL FRAMING SYSTEM, & ALUMINUM ENTRANCE FRAMING SYSTEM.
ES-4	ONE-PART MILDEW-RESISTANT SILICONE SEALANT	RESTROOMS, LOCKER & SHOWER AREAS
ES-5	TWO-PART URETHANE SEALANT	NOT USED
LS	ACRYLIC-EMULSION SEALANT	INTERIOR JOINTS IN FIELD-PAINTED VERTICAL & OVERHEAD SURFACES AT PERIMETER OF HOLLOW METAL DOOR FRAMES; IN GYPSUM DRYWALL, PLASTER & CONCRETE OR CONCRETE MASONRY; & ALL OTHER INTERIOR JOINTS NOT INDICATED OTHERWISE.
BAS-1	BUTYL-ASPHALT SEALANT, AC-20 IN ACCORDANCE WITH PA. DEPT. TRANSPORTATION TITLE 408 SPECIFICATIONS.	EXTERIOR JOINTS BETWEEN EXISTING & NEW ASPHALT PAVING & ASPHALT PAVING & MASONRY OR CONCRETE.
FSS-1	FOAMED-IN-PLACE FIRE-STOPPING SEALANT	THROUGH PENETRATIONS IN FIRE RESISTANCE RATED FLOOR & WALL ASSEMBLIES INVOLVING MULTIPLE PIPES, CONDUITS & OTHER ITEMS.
FSS-2	ONE-PART FIRE-STOPPING SEALANT	THROUGH PENETRATIONS IN FIRE RESISTANCE RATED FLOOR & WALL ASSEMBLIES INVOLVING SINGLE PIPES, CONDUITS & WHERE JOINT WIDTHS ARE NARROW.

NOTE: INSTALL JOINT SEALANTS IN ACCORDANCE WITH DESCRIPTIONS AND LOCATIONS LISTED, AND IN LOCATIONS IDENTIFIED ON DRAWINGS BY DRAWING DESIGNATIONS LISTED ABOVE.

BUILDING DATA (2015 IBC)

OCCUPANCY:	USE GROUP R-2, S-1
CONSTRUCTION TYPE:	3B
BUILDING HEIGHT:	EXISTING TO REMAIN
FIRE ALARM SYSTEM:	YES
EMERGENCY LIGHTING:	YES
AUTOMATIC SPRINKLERS:	YES
AUTOMATIC FIRE DETECTION SYSTEM:	YES
FIRE SEPARATION:	1 HOUR BETWEEN USE GROUPS AND SEPARATION OF R-2 TO S-1.

FIRE SEPARATION AT FLOORS:

IBC 2015 CHAPTER 4 - SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

420.3 - HORIZONTAL SEPARATIONS
FLOOR ASSEMBLIES SEPARATING DWELLING UNITS IN THE SAME BUILDINGS, FLOOR ASSEMBLIES SEPARATING SLEEPING UNITS IN THE SAME BUILDING AND FLOOR ASSEMBLIES SEPARATING DWELLING OR SLEEPING UNITS FROM OTHER OCCUPANCIES CONTIGUOUS TO THEM IN THE SAME BUILDING SHALL BE CONSTRUCTED AS HORIZONTAL ASSEMBLIES IN ACCORDANCE WITH SECTION 711.

711.2.3 - SUPPORTING CONSTRUCTION
THE SUPPORTING CONSTRUCTION SHALL BE PROTECTED TO AFFORD THE REQUIRED FIRE-RESISTANCE RATING OF THE HORIZONTAL ASSEMBLY SUPPORTED.

EXCEPTION: IN BUILDINGS OF TYPE IIIB CONSTRUCTION, THE CONSTRUCTION SUPPORTING THE HORIZONTAL ASSEMBLY IS NOT REQUIRED TO BE FIRE-RESISTANCE RATED AT THE FOLLOWING:

2. HORIZONTAL ASSEMBLIES AT THE SEPARATIONS OF DWELLING UNITS AND SLEEPING UNITS AS REQUIRED BY SECTION 420.3.

711.2.4.3 - DWELLING UNITS AND SLEEPING UNITS
HORIZONTAL ASSEMBLIES SERVING AS DWELLING OR SLEEPING UNIT SEPARATIONS IN ACCORDANCE WITH SECTION 420.3 SHALL BE NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION.

EXCEPTION: HORIZONTAL ASSEMBLIES SEPARATING DWELLING UNITS AND SLEEPING UNITS SHALL BE NOT LESS THAN 1/2-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION IN A BUILDING OF TYPE IIB, IIIB AND VB CONSTRUCTION, WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1.

722 - CALCULATED FIRE RESISTANCE
THE CALCULATED FIRE RESISTANCE OF EXPOSED WOOD MEMBERS AND WOOD DECKING SHALL BE PERMITTED IN ACCORDANCE WITH CHAPTER 16 OF ANSI/AWC NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS).

REFER TO STRUCTURAL CALCULATIONS - 1 HOUR RATED SEPARATION IS PROVIDED IN EXISTING CONSTRUCTION.

BUILDING AREA

PHASE I	Existing	Addition
Mill 1, Basement:	3,798 sf	0 sf
Mill 1, First Floor:	14,051 sf	0 sf
Mill 1, Second Floor:	14,057 sf	0 sf
Mill 1, Third Floor:	14,057 sf	0 sf
Mill 2, First Floor:	13,539 sf	0 sf
Mill 2, Second Floor:	13,249 sf	0 sf
Mill 2, Third Floor:	13,249 sf	0 sf
Mill 3, First Floor:	14,359 sf	0 sf
Mill 3, Second Floor:	14,359 sf	0 sf
Mill 3, Third Floor:	14,359 sf	0 sf
Building 20:	723 sf	0 sf
Building 21:	4,527 sf	0 sf
Boiler Plant Building, First Floor:	9,936 sf	0 sf
Boiler Plant Building, Second Floor:	2,137 sf	0 sf
Total Mill 1:	45,963 sf	0 sf
Total Mill 2:	40,037 sf	0 sf
Total Mill 3:	43,077 sf	0 sf
Total Building 20:	723 sf	0 sf
Total Building 21:	4,527 sf	0 sf
Total Boiler Plant Building:	12,073 sf	0 sf
Total Overall Phase I	146,400 sf	0 sf

PHASE II	Existing	Addition
Mill 5, Basement:	10,646 sf	0 sf
Mill 5, First Floor:	20,285 sf	0 sf
Mill 5, Second Floor:	20,285 sf	0 sf
Mill 5, Third Floor:	20,285 sf	0 sf
Mill 6, First Floor:	11,727 sf	0 sf
Mill 6, Second Floor:	11,971 sf	0 sf
Mill 6, Third Floor:	11,727 sf	0 sf
Total Mill 5:	71,501 sf	0 sf
Total Mill 6:	35,425 sf	0 sf
Total Overall Phase II	178,427 sf	0 sf

TOTAL	Existing	Addition
Total Overall Phase 1	146,400 sf	0 sf
Total Overall Phase 2	178,427 sf	0 sf
Overall Total	324,827 sf	0 sf

BUILDING CODE REQUIREMENTS

ALL WORK SHALL CONFORM TO THE FOLLOWING CODE REGULATIONS AND REQUIREMENTS:

1. COMMONWEALTH OF PENNSYLVANIA, DEPARTMENT OF LABOR & INDUSTRY, UNIFORM CONSTRUCTION CODE:
   - A. 2015 INTERNATIONAL EXISTING BUILDING CODE
   - B. 2015 INTERNATIONAL BUILDING CODE
   - C. 2018 INTERNATIONAL BUILDING CODE CHAPTER 11 & APPENDIX E
   - D. ICC A117.1-2009
   - E. 2015 INTERNATIONAL FIRE CODE
   - F. 2015 INTERNATIONAL FUEL GAS CODE
   - G. 2015 INTERNATIONAL MECHANICAL CODE
   - H. 2015 INTERNATIONAL PLUMBING CODE
   - I. 2014 NATIONAL ELECTRIC CODE (NFPA 70)
   - J. 2013 NFPA 13
   - K. 1013 NFPA 72
   - L. MANHEIM TOWNSHIP BUILDING ORDINANCE 2019-1 AND ALL REFERENCED REGULATIONS.
2. 2015 INTERNATIONAL ENERGY CONSERVATION CODE

ALL DIMENSIONS, MEASURENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEESING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

SCHEDULE OF ALTERNATES

1. PARTITIONS BETWEEN UNITS AND AT CONDITIONS BETWEEN UNITS AND CIRCULATION SPACES TO BE BASED ON WALL ASSEMBLY TYPE UL: U493. 5/8" GWB, 3-1/2" STEEL STUDS @ 16" OC, 1" AIR SPACE, 3-1/2" STEEL STUDS @ 16" OC (STAGGERED WITH FIRST ROW), 5/8" GWB. WEAVE 2-1/2" THICK GLASS FIBER BATT INSULATION THROUGH VOID IN FRAMING.
2. NEW EXTERIOR CANOPIES TO BE TUBE STEEL SECTION MEMBERS, NOT ANGULAR SECTION MEMBERS. REPLACE T&G WOOD WITH HARDIBOARD CEMENT BOARD AT UNDERSIDES OF CANOPIES.

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE
COVER SHEET - PHASE I

ISSUE DATE	SCALE	
-	1/4" = 1'-0"	
FILE NUMBER	DRAWN BY	CHECKED BY
1929	SK	PB

CS1.1

10/29/2020 12:59:44 AM C:\Users\pbahn\Documents\1929_StehliSilkMillCenterlineModel_pbahn.rvt

SHEET LIST - PHASE I

SHEET NUMBER	SHEET NAME
00 COVER SHEET	
CS1.1	COVER SHEET - PHASE I
CS1.2	SHEET INDEX - PHASE I
CS1.3	GENERAL PHASE 1 NOTES
CS1.4	GENERAL PHASE 1 NOTES
CS1.5	GENERAL PHASE 1 NOTES
CS1.6	PHASE 1 UNIT ORIENTATION
CS1.7	PHASE 1 FINISH SCHEDULE
CS1.8	OVERALL SITE KEY PLAN
01 GENERAL	
G1.1	ADA ACCESSIBILITY DIAGRAMS & SYMBOLS
04 ARCHITECTURAL	
DA1.01	DEMOLITION & ALTERATION PLAN BASEMENT MILL 1 & BUILDING 21
DA1.02	DEMOLITION & ALTERATION PLAN FIRST FLOOR MILL 1-3
DA1.03	DEMOLITION & ALTERATION PLAN SECOND FLOOR MILL 1-3
DA1.04	DEMOLITION & ALTERATION PLAN THIRD FLOOR MILL 1-3
DA1.05	DEMOLITION & ALTERATION ROOF PLAN MILL 1-3
DA1.06	DEMOLITION & ALTERATION PLAN BOILERPLANT BUILDING
DA1.07	DEMOLITION & ALTERATION PLAN BOILERPLANT BUILDING ROOF
A1.01	MILL 1 + BUILDING 21 BASEMENT FLOOR PLAN / BUILDING 21 ROOF PLAN
A1.02	OVERALL FIRST FLOOR PLAN, MILL 1-3
A1.03	OVERALL SECOND FLOOR PLAN, MILL 1-3
A1.04	OVERALL THIRD FLOOR PLAN, MILL 1-3
A1.05	ROOF PLAN, MILL 1-3
A1.10	FIRST FLOOR PLAN BOILERPLANT BUILDING
A1.11	SECOND FLOOR PLAN BOILERPLANT BUILDING
A1.12	ROOF PLAN BOILERPLANT BUILDING
A1.21	MILL 1 BASEMENT & BUILDING 21 REFLECTED CEILING PLAN
A1.22	FIRST FLOOR REFLECTED CEILING PLAN MILL 1-3
A1.25	SECOND FLOOR REFLECTED CEILING PLAN MILL 1-3
A1.28	THIRD FLOOR REFLECTED CEILING PLAN MILL 1-3
A1.32	BOILER PLANT BUILDING FIRST FLOOR REFELCTED CEILING PLAN
A1.33	BOILER PLANT BUILDING SECOND FLOOR REFELCTED CEILING PLAN
A2.01	EXTERIOR ELEVATIONS - BUILDING 21
A2.02	EXTERIOR ELEVATIONS MILL 1
A2.03	EXTERIOR ELEVATIONS MILL 2
A2.04	EXTERIOR ELEVATIONS MILL 3
A2.07	EXTERIOR ELEVATIONS BOILER PLANT BUILDING
A2.08	EXTERIOR ELEVATIONS BOILER PLANT BUILDING
A2.09	ENLARGED PARTIAL ELEVATIONS - MILL 1
A2.10	ENLARGED PARTIAL ELEVATIONS - MILL 2
A2.11	ENLARGED PARTIAL ELEVATIONS - MILL 3
A3.01	BUILDING SECTIONS - BUILDING 21
A3.02	BUILDING SECTIONS - MILLS 1-3
A3.03	BUILDING SECTIONS - MILLS 1-3
A3.04	BUILDING SECTIONS - BOILER PLANT BUILDING
A3.10	WALL SECTIONS ELEVATOR #2
A4.80	ENLARGED STUDIO UNIT PLANS, MILLS 2-3
A4.81	ENLARGED ONE BEDROOM UNIT PLANS, MILLS 1-3
A4.82	ENLARGED ONE BEDROOM UNIT PLANS, MILL 1
A4.83	ENLARGED 2 BEDROOM UNIT PLANS, MILLS 2-3
A4.84	ENLARGED ONE BEDROOM UNIT PLANS, MILL 2
A4.85	ENLARGED UNIT PLANS, MILLS 2-3
A4.86	ENLARGED ONE BEDROOM UNIT PLANS, MILL 3
A4.87	ENLARGED ONE BEDROOM UNIT PLANS, MILLS 1-2
A4.88	ENLARGED TYPE A UNIT PLANS, MILLS 1-2
A4.89	ENLARGED TYPE A UNIT PLANS, MILL 1
A4.90	ENLARGED ONE BEDROOM UNIT FLOOR PLANS, MILL 1
A4.91	ENLARGED ONE BEDROOM UNIT FLOOR PLAN, MILL 2
A4.100	ENLARGED UNIT RESTROOM PLANS AND ELEVATIONS, PHASE 1
A4.101	ENLARGED UNIT RESTROOM PLANS AND ELEVATIONS, PHASE 1
A4.102	ENLARGED UNIT RESTROOM PLANS AND ELEVATIONS, PHASE 1
A4.103	ENLARGED UNIT RESTROOM PLANS AND ELEVATIONS, PHASE 1
A4.104	ENLARGED UNIT RESTROOM PLANS AND ELEVATIONS, PHASE 1
A4.105	ENLARGED UNIT RESTROOM PLANS AND ELEVATIONS, PHASE 1
A4.106	ENLARGED UNIT RESTROOM PLANS AND ELEVATIONS, PHASE 1
A4.107	ENLARGED UNIT RESTROOM PLANS AND ELEVATIONS, PHASE 1
A4.108	ENLARGED UNIT RESTROOM PLAN AND ELEVATIONS, PHASE 1
A4.109	ENLARGED UNIT RESTROOM PLANS AND ELEVATIONS, PHASE 1
A4.110	ENLARGED UNIT RESTROOM PLANS AND ELEVATIONS, PHASE 1
A4.300	INTERIOR KITCHEN ELEVATIONS - TYPE A UNITS, PHASE 1
A4.301	INTERIOR KITCHEN ELEVATIONS - TYPE A UNITS, PHASE 1
A4.400	ENLARGED PLANS - MILL 1 BASEMENT
A4.401	INTERIOR ELEVATIONS - MILL 1 BASEMENT
A4.402	INTERIOR ELEVATIONS - MILL 1 BASEMENT
A5.01	PHASE I ENTRY CANOPY DETAILS
A5.02	PHASE I ENTRY CANOPY DETAILS
A5.03	PHASE I ENTRY CANOPY DETAILS
A5.04	PHASE I ENTRY CANOPY DETAILS
A5.05	PHASE I STOREFRONT DETAILS
A5.06	PHASE I STOREFRONT DETAILS
A5.11	BOILER PLANT BUILDING ROOF DETAILS
A5.12	BOILER PLANT BUILDING ROOF DETAILS
A5.13	BOILER PLANT BUILDING ROOF DETAILS
A5.14	BOILER PLANT BUILDING ROOF DETAILS
A5.15	BOILER PLANT BUILDING ROOF DETAILS
A5.16	BOILER PLANT BUILDING CHIMNEY DETAILS
A5.17	BOILER PLANT BUILDING SMOKESTACK DETAILS
A5.18	BOILER PLANT BUILDING / BUILDING 21 ROOF DETAILS
A5.19	BUILDING 21 ROOF DETAILS
A5.30	PHASE I BUILDING DETAILS
A5.31	PHASE I BUILDING DETAILS
A5.32	PHASE I BUILDING DETAILS
A5.41	EXTERIOR SIGNAGE DETAILS
A5.60	UNIT DETAILS, PHASE 1
A6.01	DOOR DETAILS, PHASE 1

SHEET LIST - PHASE I

SHEET NUMBER	SHEET NAME
A6.02	DOOR SCHEDULE 1, PHASE 1
A6.03	DOOR SCHEDULE 2 - UNITS, PHASE 1
A6.11	PHASE I WINDOW SCHEDULES
A6.12	PHASE I WINDOW SCHEDULES
A6.13	PHASE I WINDOW SCHEDULES
A6.15	PHASE I WINDOW DETAILS
A6.20	ROOM FINISH SCHEDULE, PHASE 1
A6.30	CASEWORK DETAILS, PHASE 1
A7.00	STAIR TOWER 1 - ENLARGED PLANS
A7.01	STAIR TOWER 1 - SECTIONS
A7.02	STAIR TOWER 2 - ENLARGED PLANS AND SECTIONS
A7.03	STAIR TOWER 3 - ENLARGED PLANS AND SECTIONS
A7.04	STAIR TOWER 4 - ENLARGED PLANS AND SECTIONS
A7.05	ELEVATOR 1 - MILL 1 - ENLARGED PLANS
A7.06	ELEVATOR 1 - MILL 1 - SECTIONS
A7.07	ELEVATOR 2 - MILL 2 - ENLARGED PLANS
A7.08	ELEVATOR 2 - MILL 2 - SECTIONS
A7.09	ELEVATOR 3 - MILL 3 - ENLARGED PLANS
A7.10	ELEVATOR 3 - MILL 3 - SECTIONS
A7.11	EXTERIOR RAMPS - DETAILS, PHASE 1
A7.12	EXTERIOR RAMPS - DETAILS, PHASE 1
A7.13	EXTERIOR RAMPS - DETAILS, PHASE 1
A7.14	EXTERIOR RAMPS - DETAILS, PHASE 1
A7.15	EXTERIOR STAIR AND HANDRAIL DETAILS, PHASE 1
05 STRUCTURAL	
S1.02	STRUCTURAL ALTERATIONS PLAN FIRST FLOOR MILL 1-3
S1.03	STRUCTURAL ALTERATIONS PLAN SECOND FLOOR MILL 1-3
S1.04	STRUCTURAL ALTERATIONS PLAN THIRD FLOOR MILL 1-3
S1.05	STRUCTURAL ALTERATIONS PLAN ROOF MILL 1-3
S2.00	GENERAL STRUCTURAL NOTES
S2.01	GENERAL MASONRY DETAILS
S2.02	MILL 1-3 1ST FLOOR ENLARGED PLANS AND DETAILS
S2.03	MILL 1-3 2ND FLOOR ENLARGED PLANS AND DETAILS
S2.04	MILL 1-3 3RD FLOOR ENLARGED PLANS AND DETAILS
S2.05	MILL 1-3 ROOF ENLARGED PLANS AND DETAILS
06 MECHANICAL	
M0.00	SYMBOLS, NOTES & ABBREVIATIONS
M1.01	BASEMENT FLOOR PLAN, MILL 1 - HVAC
M1.02	FIRST FLOOR PLAN, MILL 1 - HVAC
M1.03	FIRST FLOOR PLAN, MILL 2 - HVAC
M1.04	FIRST FLOOR PLAN, MILL 3 - HVAC
M1.05	SECOND FLOOR PLAN, MILL 1 - HVAC
M1.06	SECOND FLOOR PLAN, MILL 2 - HVAC
M1.07	SECOND FLOOR PLAN, MILL 3 - HVAC
M1.08	THIRD FLOOR PLAN, MILL 1 - HVAC
M1.09	THIRD FLOOR PLAN, MILL 2 - HVAC
M1.10	THIRD FLOOR PLAN, MILL 3 - HVAC
M1.11	ROOF PLAN, MILL 1 - HVAC
M1.12	ROOF PLAN, MILL 2 - HVAC
M1.13	ROOF PLAN, MILL 3 - HVAC
M1.14	BUILDING-20 FLOOR PLAN - HVAC
M1.15	FIRST FLOOR PLAN BOILER BUILDING - HVAC
M1.16	SECOND FLOOR PLAN BOILER BUILDING - HVAC
M1.17	ROOF PLAN BOILER BUILDING - HVAC
M4.01	UNIT PLANS, MILLS 1,2,3 - MECHANICAL
M4.02	UNIT PLANS, MILLS 1,2,3 - MECHANICAL
M4.03	UNIT PLANS, MILLS 1,2,3 - MECHANICAL
M5.01	MECHANICAL RISER
M5.02	MECHANICAL RISER - MILL 1
M5.03	MECHANICAL RISER - MILL 2
M5.04	MECHANICAL RISER - MILL 3
M7.01	MECHANICAL SCHEDULES
M7.02	MECHANICAL SCHEDULES
M8.01	MECHANICAL DETAILS
07 PLUMBING	
P0.00	SYMBOLS, NOTES & ABBREVIATIONS
P1.01	FOUNDATION FLOOR PLAN, MILL 1 - PLUMBING
P1.02	FOUNDATION FLOOR PLAN, MILL 2 - PLUMBING
P1.03	FOUNDATION FLOOR PLAN, MILL 3 - PLUMBING
P1.04	BASEMENT FLOOR PLANS, MILL 1 - PLUMBING
P1.05	FIRST FLOOR PLAN, MILL 1 - PLUMBING
P1.06	FIRST FLOOR PLAN, MILL 2 - PLUMBING
P1.07	FIRST FLOOR PLAN, MILL 1 - PLUMBING
P1.08	SECOND FLOOR PLAN, MILL 1 - PLUMBING
P1.09	SECOND FLOOR PLAN, MILL 1 - PLUMBING
P1.10	SECOND FLOOR PLAN, MILL 3 - PLUMBING
P1.11	THIRD FLOOR PLAN, MILL 1 - PLUMBING
P1.12	THIRD FLOOR PLAN, MILL 2 - PLUMBING
P1.13	THIRD FLOOR PLAN, MILL 3 - PLUMBING
P1.14	ROOF PLANS, MILL 1 - PLUMBING
P1.15	ROOF PLANS, MILL 1 - PLUMBING
P1.16	ROOF PLANS, MILL 3 - PLUMBING
P1.17	BUILDING-20 FLOOR PLANS - PLUMBING
P1.18	FOUNDATION PLAN BOILER BUILDING - PLUMBING
P1.19	FIRST FLOOR PLAN BOILER BUILDING - PLUMBING
P1.20	SECOND FLOOR PLAN BOILER BUILDING - PLUMBING
P1.21	ROOF PLAN BOILER BUILDING - PLUMBING
P4.01	UNIT PLANS, MILLS 1,2,3 - PLUMBING
P4.02	UNIT PLANS, MILLS 1,2,3 - PLUMBING
P4.03	UNIT PLANS, MILLS 1,2,3 - PLUMBING
P4.04	UNIT PLANS, MILLS 1,2,3 - PLUMBING
P5.01	PLUMBING DETAILS
P5.02	PLUMBING DETAILS
P6.01	OVERALL SANITARY RISER DIAGRAM - MILL 1,2,3
P6.02	PLUMBING RISER DIAGRAM - MILL 1,2,3

SHEET LIST - PHASE I

SHEET NUMBER	SHEET NAME
P6.03	PLUMBING RISER DIAGRAM - MILL 1,2,3
P6.04	PLUMBING RISER DIAGRAM - MILL 1,2,3
P6.05	PLUMBING RISER DIAGRAM - MILL 1,2,3
P6.06	PLUMBING RISER DIAGRAM - MILL 1,2,3
P6.07	PLUMBING RISER DIAGRAM - MILL 1,2,3
P6.08	OVERALL DOMESTIC RISER DIAGRAM - MILL 1,2,3
P6.09	OVERALL DOMESTIC RISER DIAGRAM - MILL 1,2,3
P6.10	PLUMBING RISER DIAGRAM - MILL 1,2,3
P7.01	SCHEDULES - PLUMBING
08 ELECTRICAL	
E0.000	SYMBOLS, NOTES & ABBREVIATIONS
E0.01	SITE PLAN
E1.01	BASEMENT FLOOR PLAN, MILL 1 - LIGHITNG
E1.02	FIRST FLOOR PLAN, MILL 1 - LIGHTING
E1.03	FIRST FLOOR PLAN, MILL 2 - LIGHTING
E1.04	FIRST FLOOR PLAN, MILL 3 - LIGHTING
E1.05	SECOND FLOOR PLAN, MILL 1 - LIGHTING
E1.06	SECOND FLOOR PLAN, MILL 2 - LIGHTING
E1.07	SECOND FLOOR PLAN, MILL 3 - LIGHTING
E1.08	THIRD FLOOR PLAN, MILL 1 - LIGHTING
E1.09	THIRD FLOOR PLAN, MILL 2 - LIGHTING
E1.10	THIRD FLOOR PLAN, MILL 3 - LIGHTING
E1.11	CAFETERIA BUILDING FLOOR PLAN - LIGHTING
E1.12	BOILER PLANT FIRST FLOOR PLAN - LIGHTING
E1.13	BOILER PLANT SECOND FLOOR PLAN - LIGHTING
E2.01	BASEMENT FLOOR PLAN MILL 1 - POWER AND SPECIAL SYSTEMS
E2.02	FIRST FLOOR PLAN MILL 1 - POWER AND SPECIAL SYSTEMS
E2.03	FIRST FLOOR PLAN MILL 2 - POWER AND SPECIAL SYSTEMS
E2.04	FIRST FLOOR PLAN MILL 3 - POWER AND SPECIAL SYSTEMS
E2.05	SECOND FLOOR PLAN MILL 1 - POWER AND SPECIAL SYSTEMS
E2.06	SECOND FLOOR PLAN MILL 2 - POWER AND SPECIAL SYSTEMS
E2.07	SECOND FLOOR PLAN MILL 3 - POWER AND SPECIAL SYSTEMS
E2.08	THIRD FLOOR PLAN MILL 1 - POWER AND SPECIAL SYSTEMS
E2.09	THIRD FLOOR PLAN MILL 2 - POWER AND SPECIAL SYSTEMS
E2.10	THIRD FLOOR PLAN MILL 3 - POWER AND SPECIAL SYSTEMS
E2.11	ROOF FLOOR PLAN MILL 1 - POWER AND SPECIAL SYSTEMS
E2.12	ROOF FLOOR PLAN MILL 2 - POWER AND SPECIAL SYSTEMS
E2.13	ROOF FLOOR PLAN MILL 3 - POWER AND SPECIAL SYSTEMS
E2.14	CAFETERIA BUILDING FLOOR PLAN - POWER AND SPECIAL SYSTEMS
E2.15	BOILER PLANT FIRST FLOOR PLAN - POWER AND SPECIAL SYSTEMS
E2.16	BOILER PLANT SECOND FLOOR PLAN - POWER AND SPECIAL SYSTEMS'
E4.01	UNIT PLANS, MILLS 1,2,3 - ELECTRICAL
E4.02	UNIT PLANS, MILLS 1,2,3 - ELECTRICAL
E4.03	UNIT PLANS, MILLS 1,2,3 - ELECTRICAL
E5.01	ELECTRICAL SITE DETAILS
E5.02	ELECTRICAL DETAILS
E6.01	ELECTRICAL RISERS/ONE-LINES
E6.02	POWER RISER DIAGRAM
E6.03	COMMUNICATION RISER DIAGRAM
E6.04	ELECTRICAL PART PLANS
E7.01	ELECTRICAL SCHEDULES
E7.02	ELECTRICAL SCHEDULES
E7.03	ELECTRICAL SCHEDULES
E7.04	ELECTRICAL SCHEDULES

All dimensions, measurements and project conditions shall be checked and verified in the field by the contractor. Refer all differences, in writing, to the architect for consideration prior to proceeding with the work. The contractor shall bear the cost of rectifying work not approved by the architect, caused by lack of coordination and or notification.

STAMP

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC

25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE
SHEET INDEX - PHASE I

ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
1929	SK	PB

CS1.2

10/29/2020 12:59:44 AM C:\Users\pbahn\Documents\1929_StehliSilkMillCentralModel_pbahn.rvt

GENERAL NOTES:

1. PERMITS, FEES AND INSPECTION: THE CONTRACTOR SHALL PROVIDE AND PAY FOR ALL PERMITS, FEES AND INSPECTIONS. CERTIFICATES OF INSPECTION GENERALLY ISSUED BY GOVERNMENTAL AGENCIES OR UTILITIES CONCERNING PROJECTS OF THIS TYPE SHALL BE PROVIDED TO THE ARCHITECT PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF SUBSTANTIAL COMPLETION.

2. TEMPORARY FACILITIES: ALL TEMPORARY FACILITIES NEEDED TO COMPLETE THE WORK SHALL BE PROVIDED AND PAID FOR BY THE GENERAL CONTRACTOR, OR DELEGATED TO THE APPROPRIATE SUBCONTRACTOR. THESE TEMPORARY FACILITIES SHALL INCLUDE, BUT NOT BE LIMITED TO: FIRST AID, FIRE PROTECTION, SECURITY, CONSTRUCTION STORAGE, MOISTURE CONTROL, SCAFFOLDING, TRASH AND DEBRIS REMOVAL, LIGHTS, ELECTRICAL SERVICE, WATER SUPPLY, TELEPHONE ,TOILETS AND HEAT IF REQUIRED.

3. FIELD MEASUREMENTS: BEFORE ORDERING MATERIALS, FABRICATING OR DOING WORK, THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AT THE BUILDING AS THEIR WORK REQUIRES. NO EXTRAS WILL BE ALLOWED FOR DIFFERENCES BETWEEN ACTUAL MEASUREMENTS AND DIMENSIONS SHOWN, BUT DIFFERENCES SHALL BE REFERRED TO THE ARCHITECT FOR CONSIDERATION BEFORE PROCEEDING WITH THE WORK.

4. WATERTIGHT BUILDING: THE CONTRACTOR AND HIS SUB-CONTRACTORS SHALL BE HELD STRICTLY RESPONSIBLE FOR WATERTIGHT BUILDING IN ALL AREAS WHERE WORK UNDER THIS CONTRACT IS UNDERTAKEN. FINAL PAYMENT WILL NOT BE MADE WHILE ANY AREA SHOWS A TENDENCY TO LEAK WATER.

5. SUBMITTALS: SUBMIT FOUR COPIES OF SHOP DRAWINGS, CATALOG CUTS AND/OR SCHEDULES TO OWNER'S REPRESENTATIVE FOR THE FOLLOWING ITEMS:
   - A. ALL SUBSTITUTION REQUESTS
   - B. FINISH HARDWARE SCHEDULE
   - C. MECHANICAL EQUIPMENT
   - D. LIGHT FIXTURES
   - E. PLUMBING FIXTURES AND TRIM
   - F. ALL MILLWORK INCLUDING: CASING, BASEBOARD, CABINETS, SHELVES, SILLS, & STOPS
   - G. DOORS AND JAMBS
   - H. ALL INTERIOR FINISHES
   - I. WINDOWS
   - J. CABINETRY
   - K. SHEATHING
   - L. ROOFING MATERIALS INCLUDING ALL METAL FLASHING AND SEALANTS
   - M. INSULATION
   - N. HARDIE PLANK PRODUCTS INCLUDING VAPOR BARRIER

7. FIRE PROTECTION: ALL CONTRACTORS SHALL EXERCISE EXTREME CARE TO PREVENT FIRES AT THE SITE AND WITHIN THE BUILDING DURING THE CONSTRUCTION PERIOD. GENERAL CONTRACTOR SHALL FURNISH AND MAINTAIN SUFFICIENT TANK TYPE FIRE EXTINGUISHERS IN STRATEGIC LOCATIONS FOR FIRE PROTECTION. ALL TEMPORARY FIRE EXTINGUISHERS SO FURNISHED SHALL REMAIN AS PROPERTY OF THE GENERAL CONTRACTOR.

8. GUARANTEE OF WORK AND MATERIALS: THE CONTRACTOR SHALL FULLY GUARANTEE ALL WORK AND MATERIALS FOR A PERIOD OF ONE YEAR FOLLOWING FINAL ACCEPTANCE OF BUILDING BY THE OWNER. CONTRACTOR SHALL CARRY OUT ALL NECESSARY REPAIRS, PATCHING, ADJUSTMENTS, REVISIONS, ETC., REQUIRED DURING GUARANTEE PERIOD AT NO ADDITIONAL COST TO THE OWNER. STOP ALL WATER LEAKS, REPAIR ALL SETTLEMENT AND SHRINKAGE CRACKS, REMEDY ALL DEFECTS OR DEFICIENCIES CAUSED BY POOR WORKMANSHIP OR THE USE OF INFERIOR MATERIAL OR EQUIPMENT WHICH DOES NOT MEET REQUIREMENTS NOTED AND/OR SPECIFIED. DAMAGE CAUSED BY WATER LEAKS DURING THE GUARANTEE PERIOD SHALL BE CORRECTED TO ORIGINAL CONDITION, AS DETERMINED BY THE ARCHITECT. CORRECT ALL DEFECTS PROMPTLY UPON NOTICE BY THE OWNER. DO NOT DISTURB ANY WORK GUARANTEED UNDER ANOTHER CONTRACT WITHOUT WRITTEN PERMISSION FROM THAT CONTRACTOR.

9. THE GUARANTEE PERIOD SHALL NOT TERMINATE UNTIL ALL CORRECTIVE MAINTENANCE REQUIRED DURING THE PERIOD IS FULLY COMPLETED TO THE SATISFACTION OF THE OWNER AND ARCHITECT. IF CONTRACTOR FAILS IN ANY WAY TO PROCEED OR COMPLY WITH THE TERMS OF THIS GUARANTEE, OWNER RESERVES THE RIGHT TO HAVE THE REPAIRS CORRECTED BY OTHERS AND BACKCHARGE THE CONTRACTOR FOR ALL COSTS SO INCURRED, AND TO MAKE ANY CLAIM AGAINST THE CONTRACTOR AS TO CHARACTER, QUALITY, QUANTITY OF WORK AND MATERIALS FURNISHED.

10. CODES AND STANDARDS: ALL WORK SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF LOCAL, COUNTY AND STATE LAWS AND REGULATIONS.

11. CLEAN-UP: THE PROJECT SITE SHALL BE KEPT IN A NEAT, ORDERLY FASHION DURING CONSTRUCTION. ALL DEBRIS, TOOLS, EQUIPMENT ETC. SHALL BE REMOVED FROM THE SITE UPON COMPLETION OF THE WORK. WORK UNDER THIS CONTRACT SHALL BE BROOM CLEAN WITH ALL PLUMBING FIXTURES, FINISH HARDWARE, MIRRORS, AND WINDOW GLASS CLEANED AND POLISHED.

12. MATERIAL INSTALLATION: ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. TECHNICAL INFORMATION REQUIRED BY THE CONTRACTOR SHALL BE OBTAINED FROM THE MANUFACTURER PRIOR TO ORDERING, FABRICATION, OR INSTALLATION OF ANY MATERIAL.UNSPECIFIED PARTS REQUIRED FOR PROPER SYSTEM OPERATION OF ALL BUILDING SYSTEMS ENUMERATED IN THIS CONTRACT SHALL BE PROVIDED AND INSTALLED BY THE APPROPRIATE CONTRACTOR OR SUB-CONTRACTOR.

13. CUTTING AND PATCHING: CUTTING AND PATCHING FOR THE INSTALLATION OF ALL REQUIRED MECHANICAL, BUILDING, ELECTRICAL AND PLUMBING SYSTEMS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. EXISTING BUILDING SURFACES DAMAGED OR REMOVED DUE TO REQUIREMENTS OF THIS CONTRACT SHALL BE RESTORED TO THEIR ORIGINAL CONDITIONS.

14. SUBSTITUTIONS: CONTRACTOR SHALL USE THE MATERIALS AND EQUIPMENT SPECIFIED OR AN APPROVED EQUAL. SUBSTITUTIONS MAY BE MADE ONLY WITH THE WRITTEN APPROVAL OF THE OWNER. UNSPECIFIED MATERIALS AND EQUIPMENT NEEDED TO COMPLETE THE WORK SHALL ALSO BE SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE ARCHITECT. IF THE ARCHITECT APPROVES A SUBSTITUTE JUDGED BY HIM TO BE OF LESSER QUALITY THAN THE ORIGINAL SPECIFICATION, THE CONTRACTOR SHALL GIVE THE OWNER AN APPROPRIATE CREDIT.

15. PROJECT CLOSE-OUT: THE OWNER SHALL BE GIVEN WRITTEN NOTICE FOR A FINAL INSPECTION. ITEMS FOUND INCOMPLETE OR OF UNACCEPTABLE QUALITY OR WORKMANSHIP SHALL BE PLACED ON A LIST AND COMPLETED OR IMPROVED TO THE SATISFACTION OF THE OWNER PRIOR TO FINAL PAYMENT.

16. STIPULATION AGAINST LIENS: THE CONTRACTOR AGREES TO EXECUTE A STIPULATION AGAINST LIENS IN A FORM ACCEPTABLE TO THE OWNER'S LEGAL COUNSEL, TO BE FILED IN THE COUNTY COURTHOUSE.

17. SAFETY BARRIERS: CONTRACTORS SHALL PROVIDE AND MAINTAIN NECESSARY FENCES, BARRIERS, SIGNS, ETC. TO KEEP THE PUBLIC OUT OF UNSAFE AREAS.

18. BEWARE OF ANY OVERHEAD UTILITY LINES.

19. OBSERVE OSHA REGULATIONS WHEN WORKING IN TRENCHES.

20. USE PENNSYLVANIA'S ONE CALL UNDERGROUND UTILITY LOCATION SERVICE. 1-800-242-1776 BEFORE DOING EXCAVATION.

21. HAZARDOUS MATERIALS ABATEMENT: CONTRACTOR RESPONSIBLE FOR IDENTIFICATION AND VERIFICATION OF ALL SUSPECTED LEAD AND ASBESTOS CONTAINING MATERIALS PRESENT THROUGHOUT THE PROPERTY. ALL CONFIRMED LEAD AND ASBESTOS CONTAINING MATERIALS ARE TO BE ABATED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES AND REGULATIONS AND THE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION, INCLUDING BUT NOT LIMITED TO THE CITY OF YORK, THE US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT AND THE ENVIRONMENTAL PROTECTION AGENCY.

DEMOLITION NOTES

1. ALL DEMOLITION AND TRASH AND DEBRIS REMOVAL FROM THE SITE REQUIRED TO COMPLETE THE PROJECT AS OUTLINED SHALL BE INCLUDED IN THE CONTRACT.

2. CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. OBTAIN CITY SIDEWALK PERMITS PRIOR TO DEMOLITION.

3. PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT OR COLLAPSE OF STRUCTURES TO BE DEMOLISHED AND ADJACENT FACILITIES TO REMAIN.

4. PROMPTLY REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS AT NO COST TO OWNER.

5. COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OF STRUCTURES. USE CLEAN FILL.

6. REMOVE FROM SITE DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS.

7. TRANSPORT MATERIALS REMOVED FROM DEMOLISHED STRUCTURES AND DISPOSE OF OFF SITE IN A LEGAL MANNER.

8. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OR DELEGATE TO THE APPROPRIATE SUBCONTRACTOR ALL MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS DEMOLITION.

9. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS, AS DIRECTED BY OWNER. RETURN ADJACENT AREAS TO CONDITION EXISTING PRIOR TO START OF WORK.

10. DOORS, WINDOWS AND ASSOCIATED HARDWARE REMOVED DURING DEMOLITION OPERATIONS WILL REMAIN PROPERTY OF THE OWNER. STORE IN A LOCATION STIPULATED BY THE OWNER.

11. ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND/OR NOTIFICATION.

CONSTRUCTION NOTES

1. SOLID WOOD BLOCKING SHALL BE PROVIDED IN ALL AREAS WHERE SOLID ANCHORAGE IS REQUIRED. PROVIDE ROUGH CARPENTRY AND MISCELLANEOUS BLOCKING AS REQUIRED, CORRELATE LOCATIONS OF FURRING NAILERS, BLOCKING, ETC. TO COMPLY WITH DESIGN REQUIREMENTS.

2. ALL FLOOR PLAN DIMENSIONS ARE TO ROUGH STUD AND ROUGH FURRING STRIPS UNLESS OTHERWISE NOTED.

3. ALL EXTERIOR FASTENERS AND SUPPORTS SHALL BE STAINLESS STEEL.

4. CLOSETS SHALL HAVE WALL & CEILING FINISHES, BASEBOARD AND CASING TO MATCH THOSE SPECIFIED FOR THE ADJACENT ROOM, UNLESS NOTED OR SHOWN ON THE DETAILS OR ELEVATIONS.

5. ALL INTERIOR MILLWORK, BASEBOARDS, CASINGS, MOLDINGS CABINETS, BEADED BOARDS AND ANY OTHER PIECE OF WOODWORK FABRICATED IN A MILL SHALL BE POPLAR UNLESS NOTED OTHERWISE. CASEWORK MATERIAL AND WORKMANSHIP TO BE IN ACCORDANCE WITH A.W.I. STANDARDS. PLYWOOD TO BE CUSTOM GRADE BIRCH VENEER.

6. ALL EXTERIOR DOORS, WINDOWS, THRESHOLD, FLASHINGS, COUNTERFLASHINGS AND WALL PENETRATIONS SHALL BE CAULKED AND SEALED WITH DOW #790 BUILDING SEALANT. PROVIDE COLORS APPROVED BY THE ARCHITECT.

7. GUTTERS SHALL BE HALF ROUND SEAMLESS ALUMINUM TO MATCH EXISTING ATTACHED WITH COMBINATION HANGERS. ATTACH HANGERS WITH SCREWS AND CLIP GUTTERS TO HANGERS WITH WIRE CLIPS. SUPPORT AT 2'-0" INTERVALS. GUTTER SLOPE SHALL BE 1/8"/L.F. DOWNSPOUTS SHALL BE CORRUGATED ROUND ALUMINUM TO MATCH EXIST, ATTACHED TO WALL WITH HINGED HOOK HANGERS AT INTERVALS AS RECOMMENDED BY THE MANUFACTURER. PROVIDE WIRE BASKET AT TOP OF EACH DOWNSPOUT.

8. ALL CONCRETE WALKS AND PATIOS SHALL BE 4" THICK WITH 6x6-W2xW2 WWF REINFORCING. INSTALL OVER 4" CRUSHED STONE. TOOLED JOINTS TO BE 5'-O" O.C. MAXIMUM, 1/2" EXPANSION JOINTS TO BE AT 30'-0" MAXIMUM AND SEALED WITH ES-2.

9. ALL DEMOLITION, TRASH AND DEBRIS REMOVAL FROM THE SITE REQUIRED TO COMPLETE THE PROJECT AS OUTLINED SHALL BE INCLUDED IN THE CONTRACT. DEMOLITION SHALL INCLUDE ALL PLUMBING, MECHANICAL AND ELECTRICAL SYSTEM COMPONENTS NOT SPECIFICALLY NOTED TO BE RETAINED.

10. PROVIDE R-19 BATT INSULATION IN ALL WALLS SCHEDULED TO HAVE BATT INSULATION AND R-38 FOR ALL CEILINGS SCHEDULED TO HAVE BATT INSULATION. PROVIDE PRODUCT CUT SHEETS FOR ALL INSULATION MATERIALS.

BRICK REPAIR AND INFILL NOTES:

1. SUBMIT SAMPLES OF UNITS PROPOSED FOR USE IN THE PROJECT.

2. CONTRACTOR TO PROVIDE TESTING OF EXISTING MORTAR TO DETERMINE STRENGTH AND COMPOSITION OF NEW MORTAR MIX TO BE BASED ON RESULTS OF TESTING.

3. MORTAR JOINTS TO MATCH EXISTING IN APPEARANCE, TEXTURE AND TOOLING.

4. USE CLEAN AND POTABLE WATER FOR ALL MORTAR AND GROUT MIXES.

5. DO NOT USE CALCIUM CHLORIDE OR ANY OTHER ADMIXTURE UNLESS OTHERWISE INDICATED.

6. PROTECT BASE OF WALLS FROM RAIN-SPLASHED MUD AND MORTAR SPLATTER BY MEANS OF COVERINGS SPREAD ON GROUND AND OVER WALL SURFACE.

7. PROTECT SILLS, LEDGES AND PROJECTIONS FROM DROPPINGS OF MORTAR.

8. CUT MASONRY UNITS WITH MOTOR-DRIVEN SAWS TO PROVIDE CLEAN, SHARP, UNCHIPPED EDGES.

9. MORTAR AND GROUT MATERIALS TO MATCH EXISTING
   - A. PORTLAND CEMENT: ASTM C 150 TYPE I EXCEPT TYPE III MAY BE USED FOR COLD WEATHER CONSTRUCTION.
   - B. HYDRATED LIME: ASTM C207, TYPE S.
   - C. AGGREGATE FOR MORTAR: ASTM 144, EXCEPT FOR JOINTS LESS THAN 1/4" USE AGGREGATE GRADED WITH 100% PASSING THE NO. 16 SIEVE.

10. PERFORM THE FOLLOWING CONSTRUCTION PROCEDURES WHILE THE WORK IS PROGRESSING. TEMPERATURE RANGES INDICATED BELOW APPLY TO AIR TEMPERATURES EXISTING AT TIME OF INSTALLATION EXCEPT FOR GROUT. FOR GROUT, TEMPERATURE RANGES APPLY TO ANTICIPATED MINIMUM NIGHT TEMPERATURES. IN HEATING MORTAR AND GROUT MATERIALS, MAINTAIN MIXING TEMPERATURE SELECTED WITHIN 10 DEGREES FAHRENHEIT (6 DEGREES CELSIUS).

40 DEGREES FAHRENHEIT (4 DEGREES CELSIUS) TO 32 DEGREES FAHRENHEIT (0 DEGREES CELSIUS):

HEAT MIXING WATER TO PRODUCE MORTAR TEMPERATURE BETWEEN 40 DEGREES FAHRENHEIT (4 DEGREES CELSIUS) AND 120 DEGREES FAHRENHEIT (49 DEGREES CELSIUS).

FOLLOW NORMAL MASONRY PROCEDURES.

32 DEGREES FAHRENHEIT (0 DEGREES CELSIUS) to 25 DEGREES FAHRENHEIT (-4 DEGREES CELSIUS)

HEAT MIXING WATER AND SAND TO PRODUCE MORTAR TEMPERATURES BETWEEN 40 DEGREES FAHRENHEIT (4 DEGREES CELSIUS) AND 120 DEGREES FAHRENHEIT (49 DEGREES CELSIUS); MAINTAIN TEMPERATURE OF MORTAR ON BOARDS ABOVE FREEZING.

HEAT GROUT MATERIALS TO 90 DEGREES FAHRENHEIT (32 DEGREES CELSIUS) TO PRODUCE IN PLACE GROUT TEMPERATURE OF 70 DEGREES FAHRENHEIT (21 DEGREES CELSIUS) AT END OF WORK DAY.

PROTECT MASONRY FROM RAIN OR SNOW FOR AT LEAST 24 HOURS BY COVERING WITH WEATHER-RESISTIVE MEMBRANE.

COMPLETELY COVER MASONRY WITH WEATHER-RESISTIVE MEMBRANE FOR AT LEAST 24 HOURS AFTER INITIAL 24 HOUR PROTECTION PERIOD.

25 DEGREES FAHRENHEIT (-4 DEGREES CELSIUS) AND LOWER: MASONRY WORK NOT PERMITTED.

11. EXISTING MASONRY OPENING:
   - A. MASONRY INFILL AS INDICATED ON DRAWINGS.
   - B. REMOVE EXISTING FRAMING FOR WINDOWS AND DOORS AS REQUIRED TO COMPLETELY FILL OPENING WITH MASONRY.
   - C. PROVIDE USED/SALVAGED BRICK OR STONE TO MATCH ADJACENT MATERIALS.
   - D. TOOTH NEW MASONRY INTO EXISTING WALL. MATCH EXISTING JOINT SIZES. TOOTH IN INFILL ON BOTH SIDES OF WALL WHERE A NEW OPENING IS CONSTRUCTED IN OR WITHIN 8" OF INFILL.
   - E. SALVAGE BRICKS FROM AND CLEAN MORTAR FROM BRICKS WHERE NEW MASONRY OPENINGS ARE SHOWN. ADDITIONAL USED BRICK NEEDED FOR INFILL WORK SHALL BE PROVIDED BY THE CONTRACTOR. OBTAIN ARCHITECTS APPROVAL FOR USED BRICKS PRIOR TO DELIVERING TO SITE.
   - F. MATCH MORTAR COLOR AND COMPOSITION TO EXISTING MORTAR.
   - G. FILL JOINTS FULL AND STRIKE TO MATCH ADJACENT, EXISTING WORK. MATCH SIZE OF MORTAR JOINTS OF ADJACENT WORK.
   - H. INSTALL GALVANIZED DUR-O-WALL TRUSS AT 16" OC VERTICALLY.
   - I. WALL INFILL TO BE SOLID MASONRY.

12. NEW MASONRY OPENINGS IN EXISTING BRICK WALLS
   - A. DISASSEMBLE WALLS WHERE OPENINGS ARE TO BE INSTALLED AND SALVAGE BRICK FOR REUSE. REUSE. CLEAN MORTAR FROM BRICKS AND STACK IN A SECURE LOCATION.
   - B. TOOTH IN BRICKS OR STONE AROUND NEW OPENINGS. USE MATERIALS RECOVERED FROM WALL DISASSEMBLY OR PROVIDE USED MATERIALS TO MATCH.
   - C. INSTALL WITH JOINTS RAKED BACK 1", BOTH INTERIOR AND EXTERIOR.
   - D. PROVIDE MORTAR MIX APPROVED BY ARCHITECT.
   - E. MATCH SIZE OF MORTAR JOINTS OF ADJACENT EXISTING WORK.
   - F. COORDINATE ALL LOCATIONS WITH ARCHITECT PRIOR TO CONSTRUCTION IN ORDER TO FACILITATE INSTALLATION IN ALIGNMENT WITH EXISTING JOINTS.

EXTERIOR ARCHITECTURAL WOODWORK:

1. THIS SECTION INCLUDES THE FOLLOWING:
   - A. EXTERIOR STANDING AND RUNNING TRIM.
   - B. EXTERIOR ORNAMENTAL WORK.
   - C. SHOP PRIMING EXTERIOR WOODWORK.

2. ACTION SUBMITTAL
   - A. SHOP DRAWINGS: SHOW LOCATION OF EACH ITEM, DIMENSIONED PLANS AND ELEVATIONS, LARGE-SCALE DETAILS, ATTACHMENT DEVICES, AND OTHER COMPONENTS
   - B. SAMPLES: FOR LUMBER FOR EXTERIOR WOOD FINISH AND LUMBER AND PANEL PRODUCTS FOR SHOP-APPLIED OPAQUE FINISH, FOR EACH FINISH SYSTEM AND COLOR, WITH ONE-HALF OF EXPOSED SURFACE FINISHED.

3. INFORMATIONAL SUBMITTALS
   - A. WOODWORK QUALITY STANDARD COMPLIANCE CERTIFICATES: AWI QUALITY CERTIFICATION PROGRAM CERTIFICATES.

4. QUALITY ASSURANCE
   - A. QUALITY STANDARD: UNLESS OTHERWISE INDICATED, COMPLY WITH AWI'S "ARCHITECTURAL WOODWORK QUALITY STANDARDS.

5. MATERIALS
   - A. HOT-DIP GALVANIZED OR STAINLESS STEEL.
   - B. SCREWS: STAINLESS STEEL

6. FABRICATION
   - A. WOOD MOISTURE CONTENT: 10 TO 15 PERCENT.
   - B. WOODWORK FOR OPAQUE FINISH: GRADE PREMIUM.
   - C. WOOD SPECIES: SPANISH CEDAR OR CYPRESS
   - D. BLACKOUT OR GROOVE BACKS OF FLAT TRIM MEMBERS AND KERF BACKS OF OTHER WIDE, FLAT MEMBERS, EXCEPT FOR MEMBERS WITH ENDS EXPOSED IN FINISHED WORK.
   - E. SHOP PRIMING: SHOP PRIME WOODWORK FOR PAINT FINISH WITH ONE COAT OF WOOD PRIMER SPECIFIED IN PAINTING NOTES.
   - F. BACKPRIMING: APPLY ONE COAT OF SEALER OR PRIMER, COMPATIBLE WITH FINISH COATS, TO CONCEALED SURFACES OF WOODWORK. APPLY TWO COATS TO SURFACES INSTALLED IN CONTACT WITH CONCRETE OR MASONRY AND TO END-GRAIN SURFACES.

7. INSTALLATION
   - A. BEFORE INSTALLATION, CONDITION WOODWORK TO AVERAGE PREVAILING HUMIDITY CONDITIONS IN INSTALLATION AREAS. BEFORE INSTALLING ARCHITECTURAL WOODWORK, EXAMINE SHOP-FABRICATED WORK FOR COMPLETION AND COMPLETE WORK AS REQUIRED, INCLUDING REMOVAL OF PACKING AND BACKPRIMING.
   - B. QUALITY STANDARD: INSTALL WOODWORK TO COMPLY WITH SAME GRADE SPECIFIED IN PART 2 FOR TYPE OF WOODWORK INVOLVED.
   - C. INSTALL WOODWORK TRUE AND STRAIGHT WITH NO DISTORTIONS. SHIM AS REQUIRED WITH CONCEALED SHIMS. INSTALL LEVEL AND PLUMB TO A TOLERANCE OF 1/8 INCH.
   - D. SCRIBE AND CUT WOODWORK TO FIT ADJOINING WORK, AND REFINISH CUT SURFACES OR REPAIR DAMAGED FINISH AT CUTS.
   - E. ANCHOR WOODWORK TO ANCHORS OR BLOCKING BUILT IN OR DIRECTLY ATTACHED TO SUBSTRATES. SECURE TO GROUNDS, STRIPPING AND BLOCKING WITH COUNTERSUNK CONCEALED FASTENERS AND BLIND NAILING. USE FINE FINISHING NAILS FOR EXPOSED NAILING, COUNTERSUNK AND FILLED FLUSH WITH WOODWORK.
   - F. INSTALL TRIM WITH MINIMUM NUMBER OF JOINTS POSSIBLE, USING FULL-LENGTH PIECES (FROM MAXIMUM LENGTH OF LUMBER AVAILABLE) TO GREATEST EXTENT POSSIBLE. SCARF RUNNING JOINTS AND STAGGER IN ADJACENT AND RELATED MEMBERS.
   - G. COMPLETE FINISHING WORK SPECIFIED IN THIS SECTION TO EXTENT NOT COMPLETED AT SHOP OR BEFORE INSTALLATION OF WOODWORK. FILL NAIL AND SCREW HOLES WITH MATCHING FILLER WHERE EXPOSED.
   - H. REFER TO DIVISION 09 SECTIONS FOR FINAL FINISHING OF INSTALLED ARCHITECTURAL WOODWORK.
   - I. CLEAN WOODWORK ON EXPOSED AND SEMI EXPOSED SURFACES. TOUCH UP SHOP-APPLIED FINISHES TO RESTORE DAMAGED OR SOILED AREAS.

BUILDING 21 PLUMBING FIXTURE CALCULATIONS:

USING BASIS OF DESIGN INTENT OF TOTAL AREA FOR RESTAURANT - 4,870 SF
- USE IS ASSEMBLY WITHOUT FIXED SEATS, STANDING SPACE/UNCONCENTRATED TABLES AND CHAIRS. OCCUPANT LOAD FACTOR IS 15 SQUARE FEET NET (PER IBC 2015 TABLE 1004.1.2).
- 4,870 SF / 15 SF = 325 PERSONS.
- 325 PERSONS / 2 = 162.5 PERSONS (MALE AND FEMALE) PER GENDER.
- MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES (PER IBC 2015 TABLE 2902.1):
  1. ASSUMING A-2 USE - RESTAURANT.
  2. REQUIRED WATER CLOSETS ARE 1 PER 75 PERSONS, PER GENDER.
  3. REQUIRED LAVATORIES ARE 1 PER 200 PERSONS, PER GENDER.
  4. REQUIRED DRINKING FOUNTAINS ARE 1 PER 500 PERSONS, INCLUDING BOTH GENDERS.
  5. 1 SERVICE SINK IS REQUIRED.

TOTAL AREA FOR MECHANICAL/STORAGE - 1,148 SF
- USE IS MECHANICAL EQUIPMENT ROOM. OCCUPANT LOAD FACTOR IS 300 SQUARE FEET GROSS (PER IBC 2015 TABLE 1004.1.2).
- 1,148 SF / 300 SF = 3.82 PERSONS.
- 4 PERSONS / 2 = 2 PERSONS PER GENDER.
- MINMUM NUMBER OF REQUIRED PLUMBING FIXTURES (PER IBC 2015 TABLE 2902.1):
  1. ASSUMING STORAGE USE.
  2. REQUIRED QATER CLOSETS ARE 1 PER 100 PERSONS, PER GENDER.
  3. REQUIRED LAVATORIES ARE 1 PER 100 PERSONS, PER GENDER.
  4. REQUIRED DRINKING FOUNTAIONS ARE 1 PER 1,000 PERSONS, INCLUDING BOTH GENDERS.
  5. 1 SERVICE SINK IS REQUIRED.

TOTAL PLUMBING FIXTURE COUNTS FOR BASEMENT BATHROOM
- 2 PLUMBING FIXTURES ARE REQUIRED PER GENDER. **2 WATER CLOSETS WILL BE PROVIDED FOR WOMEN. 1 WATER CLOSET AND 2 URINALS WILL BE PROVIDED FOR MEN.**
- 1 SINK IS REQUIRED PER GENDER. **4 TOTAL WILL BE PROVIDED.**
- 1 DRINKING FOUNTAIN SET IS REQUIRED. **1 SET WILL BE PROVIDED.**
- 1 SERVICE SINK IS REQUIRED. **1 TOTAL WILL BE PROVIDED.**

GENERAL SCOPE OF WORK:

1. ALL DIMENSIONS ARE APPROXIMATE. VERIFY DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO SUBMITTING BID AND COMMENCING START OF WORK. NOTIFY ARCHITECT IMMEDIATELY IF FIELD CONDITIONS VARY.
2. ALL CONTRACTORS AND PERSONNEL WORKING ONSITE MUST BE AWARE THAT THIS PROJECT IS PURSUING FEDERAL REHABILITATION TAX CREDITS. STRICT CONFORMANCE TO THE SECRETARY OF THE INTERIOR'S STANDARDS FOR TREATMENT OF HISTORICAL PROPERTIES UNDER THE DIRECTION OF THE ARCHITECT AND OWNER'S HISTORIC PRESERVATION CONSULTANT, AND ADHERENCE TO THE CONTRACT DOCUMENTS WHICH HAVE BEEN APPROVED BY THE PENNSYLVANIA HISTORICAL AND MUSEUM COMMISION AND NATIONL PARK SERVICE ARE CRITICAL TO THE SUCCESSFUL EXECUTION OF THIS PROJECT.
3. ALL BRICK TO BE REPOINTED AND REPAIRED / REPLACED AS REQUIRED.
4. ALL CONCRETE TO BE PATCHED AND REPAIRED / REPLACED AS REQUIRED.
5. ALL WINDOWS, LOUVERS AND SKYLIGHTS TO BE REPLACED WITHIN EXISTING MASONRY OPENINGS, WITH NO MODIFICATION TO THE SIZE OF THE EXISTING MASONRY OPENING.
6. IT IS THE INTENT OF THIS PROJECT THAT ALL EXISTING HISTORIC WOOD DOORS, TRANSOMS AND SIDELIGHTS ARE TO BE RESTORED AND REPAIRED IN ACCORDANCE WITH THE GUIDELINES PROVIDED IN THESE DOCUMENTS. SUBCONTRACTORS RELATED TO THIS SCOPE SHALL SURVEY AND REVIEW ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. COST PROPOSALS MUST INCLUDE DOCUMENTATION OF EXISTING CONDITIONS AND PROPOSED SCOPE OF REHABILITATION OF EACH OPENING. IF ANY OPENING IS REASONABLY BEYOND REPAIR AND REQUIRES REPLACEMENT, PROPOSALS SHALL STATE JUSTIFICATION FOR REPLACEMENT WITH THEIR COST PROPOSAL.
7. PROVIDE TEMPORARY SHORING TO SUPPORT EXISTING CONSTRUCTION SCHEDULED TO REMAIN, AS REQUIRED.
8. ALL EXISTING EPDM ROOFING TO REMAIN AT BUILDINGS 20 AND 21, MILL 1, MILL 2 AND MILL 3. AREAS REQUIRING REPLACEMENT TO MATCH EXISTING ADJACENT EPDM ROOFING TO REMAIN.
9. ALL EXISTING ROOFING TO BE REPLACED AS REQUIRED AT BOILER PLANT BUILDING. EPDM AREAS REQUIRING REPLACEMENT TO MATCH EXISTING ADJACENT EPDM ROOFING TO REMAIN. REFER TO DOCUMENTS FOR MORE INFORMATION ON DIFFERENT ROOFING SYSTEMS AT BOILER PLANT BUILDING.
10. PROVIDE SPRINKLER SYSTEM, FIRE ALARM SYSTEM, EMERGENCY LIGHTING AND AUTOMATIC FIRE DETECTION SYSTEM AS INDICATED ON MEP/FP DRAWINGS.
11. ALL EXISTING CONSTRUCTION TO REMAIN TO RETAIN ALL HISTORICAL ELEMENTS. THIS INCLUDES, BUT IS NOT LIMITED TO EXISTING CONSTRUCTION, STAIRS, HISTORIC SIGNAGE, FIRE ESCAPES, FIRE DOORS. FIRE ESCAPES AND FIRE DOORS TO BE DEACTIVATED.
12. NEW ELEVATORS TO BE ADDED AT SELECT EXISTING HOISTWAYS. NEW HOISTWAYS TO BE ADDED AS REQUIRED TO ACCOMODATE NEW EQUIPMENT.
13. ALL EXISTING STAIRS INCLUDING GUARDRAILTO BE RETAINED. NEW RATED FIRE DOORS TO BE ADDED AT ALL LOCATIONS INTO STAIR TOWERS. ALL EXISTING SLIDING FIRE DOORS TO BE CLEANED, RESTORED, AND MADE INOPERABLE.
14. ALL STAR BOLTS TO REMAIN, IN THEIR CURRENT STATE. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON STAR BOLTS. NOTIFY ARCHITECT IMMEDIATELY IF INDIVIDUAL STAR BOLTS NEED ATTENTION OR REVIEW.
15. INTERIOR BRICK AT BUILDING 21 TO BE PAINTED. ALL OTHER BRICK WILL BE EXPOSED.

WINDOW AND DOOR NOTES:

1. REPLACEMENT WINDOW AND DOOR DETAILS ARE INTENDED TO REPRESENT TYPICAL CONDITIONS. CONDITIIONS AT INDIVIDUAL WINDOWS MAY VARY ACCORDING TO AREA OF CONSTRUCTION AND OTHER MITIGATING FACTORS. FIELD VERIFY ALL CONDITIONS.
2. ALL WINDOWS HAVE BEEN DRAWN PER MANUFACTURER RECOMMENDATIONS. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION, PER MANUFACTURERS REQUIREMENTS.
3. CURRENT WINDOWS AND DOORS ARE SHOWN AS BASIS OF DESIGN INTENT. THESE ARE PLACEHOLDERS, AS FINAL DOOR AND WINDOW MANUFACTURER AND PRODUCT LINE FOR PHASES I AND II ARE TBD BY CLIENT.
4. BASIS OF DESIGN FOR WINDOWS IN MILL 1/2/3, BUILDINGS 20 AND 21, AND THE BOILER PLANT BUILDING SINGLE HUNG WINDOWS, AND MONITOR WINDOWS ABOVE ROOFS. THERE ARE MULTUIPLE WINDOW UNITS IN THE BOILER PLANT BUILDING WHICH WILL MATCH MILLS 5 AND 6. MINIMUM REQUIRED SHGC: 0.5.
5. BASIS OF DESIGN FOR WINDOWS IN MILL 5 AND 6 ARE ALL LARGE SINGLE UNIT WINDOWS TO MATCH ORIGINALS. OPERABLE LOUVERS ARE TBD. MINIMUM REQUIRED U-VALUE: 0.29.
6. ALL REPLACEMENT TRIMS AND BRICK MOLDS TO MATCH EXISTING.
7. ALL NEW THRESHOLDS TO BE ADA COMPLIANT.

PHASE 1 APT. UNIT COUNT: (PER FLOOR)	
MILL 1:	
1-A:	3
1-B:	2
1-C:	5
2-D:	1
MILL 2:	
S-A:	3
1-A:	4
1-C:	2
1-F:	1
2:	1
MILL 3:	
S-A:	3
1-A:	5
1-C:	3
1-G:	1
2*:	1
TOTAL:	**35**

PHASE 1 APT. TOTAL COUNTS:		
MILL 1:		
STUDIOS:	0	0%
1 BEDROOMS:	30	91%
2 BEDROOMS:	3	9%
TOTAL:	33	
MILL 2:		
STUDIOS:	9	27%
1 BEDROOMS:	21	64%
2 BEDROOMS:	3	9%
TOTAL:	33	
MILL 3:		
STUDIOS:	9	23%
1 BEDROOMS:	27	69%
2 BEDROOMS:	3	8%
TOTAL:	39	
TOTAL COUNT:	**105**	

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC

25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE
GENERAL PHASE 1 NOTES

ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
1929	SK	PB

CS1.3

10/29/2020 12:59:47 AM C:\Users\pbahn\Documents\1929_StehliSilkMillCentralModel_pbahn.rvt

INTERIOR ARCHITECTURAL WOODWORK

1. WORK INCLUDES:
   A. DOOR AND WINDOW CASINGS AND TRIM
   B. MOULDINGS, CROWN, BASEBOARD
   C. BUILT-IN SHELVING AND CABINETS

2. SUBMIT SHOP DRAWINGS TO ARCHITECT SHOWING LOCATION OF EACH ITEM, DIMENSIONED PLANS, ELEVATIONS AND SECTIONS, LARGE SCALE DETAILS, ATTACHMENT DEVICES AND OTHER COMPONENTS.

3. PROVIDE SAMPLES FOR INITIAL SELECTION CONSISTING OF SECTIONS ACTUAL MATERIAL INDICATING FULL RANGE OF COLORS, TEXTURES AND PATTERNS AVAILABLE.

4. PROVIDE SAMPLES FOR VERIFICATION OF WOOD WITH OR FOR TRANSPARENT FINISH FOR EACH SPECIES AND CUT. FINISH ONE SIDE AND ONE EDGE.

5. COMPLY WITH THE APPLICABLE REQUIREMENTS OF "ARCHITECTURAL WOODWORK QUALITY STANDARDS" PUBLISHED BY THE ARCHITECTURAL WOODWORK INSTITUTE (AWI).

6. QUALITY STANDARDS:
   6.1. RIM AND RAILS: AWI SECTION 300
   6.2. WOOD CABINETS (CASEWORK): AWI SECTION 400 AND ITS DIVISION 400A
   6.3. CABINET TOPS (COUNTERTOPS): AWI SECTION 400 AND ITS DIVISION 400C.
   6.4. WOOD PANELING: AWI SECTION 500 AND ITS DIVISION 500A.
   6.5. MISCELLANEOUS ORNAMENTAL ITEMS: AWI SECTION 700.
   6.6. DOOR FRAMES: AWI SECTION 900B
   6.7. FACTORY FINISHING OF WOODWORK: AWI SECTION 1500.
   6.8. INSTALLATION: AWI SECTION 1700.

7. LUMBER SPECIES FOR ALL TRIM, MOULDINGS AND CASINGS: POPLAR.

8. LUMBER SPECIES FOR ALL CABINETRY: BIRCH, STAIN TO BE SELECTED FROM MANUFACTURER'S FULL RANGE.

9. COORDINATE FINISH HARDWARE FOR CABINETS WITH THE MANUFACTURER OF THE ARCHITECTURAL WOODWORK.

10. WHERE WOODWORK IS INDICATED TO BE FITTED TO OTHER CONSTRUCTION, CHECK ACTUAL DIMENSIONS OF OTHER BY ACCURATE FIELD MEASUREMENT BEFORE MANUFACTURING WOODWORK. INDICATE FIELD MEASURED DIMENSIONS ON FINAL SHOP DRAWINGS. COORDINATE MANUFACTURING SCHEDULE WITH CONSTRUCTION PROGRESS TO AVOID DELAY OF WORK.

11. PROVIDE HIGH PRESSURE DECORATIVE LAMINATE MANUFACTURED BY ONE OF THE FOLLOWING:
   A. FORMICA CORP.
   B. NEVAMAR CORP.
   C. WILSON PLASTICS CO.

12. COMPLY WITH REFERENCED QUALITY STANDARD FOR WOOD MOISTURE CONTENT IN RELATION TO RELATIVE HUMIDITY CONDITIONS EXISTING DURING FABRICATION AND IN INSTALLATION AREA.

13. COMPLETE FABRICATION INCLUDING ASSEMBLY FINISHING AND HARDWARE INSTALLATION TO THE GREATEST EXTENT POSSIBLE BEFORE DELIVERY TO PROJECT SITE.

14. WHERE NECESSARY FOR FITTING AT THE PROJECT SITE, PROVIDE AMPLE ALLOWANCE FOR SCRIBING, TRIMMING AND FITTING.

15. BACKOUT OR GROOVE BACKS OF FLAT TRIM MEMBERS AND KERF BACKS OF OTHER WIDE FLAT MEMBERS, EXCEPT MEMBERS WITH ENDS EXPOSED IN FINISHED WORK.

16. FINISHING: FOR TRANSPARENT OR OPAQUE FINISH SEE PAINTING AND FINISHING NOTES.

17. INSTALL WOODWORK PLUMB, LEVEL, TRUE AND STRAIGHT WITH NO DISTORTION. SHIM AS REQUIRED WITH CONCEALED SHIMS. INSTALL TO A TOLERANCE OF 1/8" IN 8'-0" FOR PLUMB AND LEVEL (INCLUDING TOPS) AND WITH NO VARIATIONS IN FLUSHNESS OF ADJOINING SURFACES.

18. SCRIBE AND CUT WOODWORK TO FIT ADJOINING WORK AND REFINISH CUT SURFACES OR REPAIR DAMAGED FINISH AT CUTS.

19. ANCHOR WOODWORK TO BUILT-IN BLOCKING OR DIRECTLY ATTACH TO SUBSTRATES SECURE TO GROUNDS, STRIPPING AND BLOCKING WITH COUNTERSUNK CONCEALED FASTENERS AND BLIND MAILING AS REQUIRED FOR A COMPLETE INSTALLATION. USE FINE FINISHING NAILS FOR EXPOSED MAILING, COUNTERSUNK AND FILLED FLUSH WITH WOODWORK AND MATCHING FINAL FINISH WHERE TRANSPARENT FINISH IS INDICATED.

20. INSTALL TRIM AND RAILS WITH MINIMUM JOINTS, USING FULL LENGTH PIECES (FROM MAXIMUM LENGTH LUMBER AVAILABLE) TO THE GREATEST EXTENT POSSIBLE. STAGGER JOINTS IN ADJACENT AND RELATED MEMBERS. COPE AT RETURNS AND MITER AT CORNERS.

21. INSTALL CABINETS WITHOUT DISTORTION SO DOORS AND DRAWERS PROPERLY FIT AND ALIGN WITH OPENINGS. ADJUST HARDWARE TO CENTER DOORS AND DRAWERS IN OPENINGS AND TO PROVIDE UNENCUMBERED OPERATION. COMPLETE INSTALLATION OF HARDWARE AND ACCESSORY ITEMS AS INDICATED.

22. CLEAN EXPOSED AND SEMI-EXPOSED SURFACES OF ARCHITECTURAL WOODWORK. TOUCH-UP FINISHES TO RESTORE DAMAGED OR SOILED AREAS.

23. PROVIDE PROTECTION AND MAINTAIN CONDITION IN A MANNER THAT ENSURES WOODWORK IS WITHOUT DAMAGE OR DETERIORATION AT TIME OF SUBSTANTIAL COMPLETION.

24. ALL CABINET HARDWARE TO BE MANUFACTURES STANDARD HEAVY DUTY HARDWRE. PROVIDE COLOR SAMPLES FROM MANUFACTURERS FULL RANGE PRIOR TO ORDERING.

25. ALL CABINET DOORS AND DRAWERS TO HAVE 5" WIRE PULLS. PROVIDE SAMPLE OF PULL FOR APPROVAL PRIOR TO ORDERING.

FIBER CEMENT SIDING

1. PROVIDE FIBER-CEMENT SIDING THAT IS TESTED AND LABELED ACCORDING TO ASTM C 1186 BY A QUALIFIED TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

2. CONDUCT PRE-INSTALLATION CONFERENCE ON SITE PRIOR TO COMMENCING WORK.

3. PROVIDE STANDARD WARRANTY FORM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE SIDING THAT FAIL(S) IN MATERIALS OR WORKMANSHIP WITHIN A 10 YEAR WARRANTY PERIOD.

4. FURNISH EXTRA MATERIALS THAT MATCH PRODUCTS INSTALLED AND THAT ARE PACKAGED WITH PROTECTIVE COVERING FOR STORAGE AND IDENTIFIED WITH LABELS DESCRIBING CONTENTS. FURNISH FULL LENGTHS OF SIDING INCLUDING RELATED ACCESSORIES, IN A QUANTITY EQUAL TO 2 PERCENT OF AMOUNT INSTALLED.

5. PROVIDE FIBER CEMENT BOARD THAT MEETS THE REQUIREMENTS FOR ASTM C 1186, TYPE A, GRADE II, FIBER-CEMENT BOARD, NONCOMBUSTIBLE WHEN TESTED ACCORDING TO ASTM E 136; WITH A FLAME-SPREAD INDEX OF 25 OR LESS WHEN TESTED ACCORDING TO ASTM E 84.

6. SUBMIT PRODUCT SAMPLES AND CUT SHEET FOR CEMENT FIBER BOARD PRODUCTS SCHEDULED FOR THE PROJECT.

7. ALL COLORS TO BE SELECTED FROM MANUFACTURERS FULL RANGE.

8. ALL PRODUCTS TO BE PRE-FINISHED

9. MANUFACTURER: PRODUCTS THAT MAY BE USED IN THE PROJECT ARE AS FOLLOWS BUT ARE NOT LIMITED TO:
   JAMES HARDIE.
   WWW.JAMESHARDIE.COM
   26300 LA ALAMEDA, SUITE 250
   MISSION VIELO, CA 92691
   1-866-4-HARDIE

10. MATERIALS
   A. LAP SIDING: 51/2" WIDE W/ 4" EXPOSURE, TEXTURE: SMOOTH
   B. HORIZONTAL AND VERTICAL TRIM: SIZES AS INDICATED ON DRAWINGS, THICKNESS: 5/4
   C. SOFFIT BOARD: SIZES AS INDICATED ON DRAWINGS, TEXTURE: SMOOTH

11. PROVIDE STARTER STRIPS, EDGE TRIM, OUTSIDE AND INSIDE CORNER CAPS, AND OTHER ITEMS AS RECOMMENDED BY SIDING MANUFACTURER FOR BUILDING CONFIGURATION. PROVIDE ACCESSORIES MADE FROM SAME MATERIAL AS ADJACENT SIDING AS INDICATED ON DRAWINGS.

12. FLASHING:
   A. PROVIDE ALUMINUM FLASHING COMPLYING WITH THE REQUIREMENTS AS OUTLINED IN SMACNA AT WINDOW AND DOOR HEADS AND WHERE INDICATED.
   B. FINISH FOR ALUMINUM FLASHING: HIGH PERFORMANCE COATING SELECTED FROM MANUFACTURERS FULL RANGE.
   C. GAGE AS INDICATED ON DRAWINGS
   D. FASTENERS: USE HOT-DIP GALVANIZED FASTENERS.

13. EXAMINE SUBSTRATES FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF SIDING AND RELATED ACCESSORIES. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

14. GENERAL: COMPLY WITH SIDING MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS APPLICABLE TO PRODUCTS AND APPLICATIONS INDICATED UNLESS MORE STRINGENT REQUIREMENTS APPLY.

15. DO NOT INSTALL DAMAGED COMPONENTS.

16. CENTER NAILS IN ELONGATED NAILING SLOTS WITHOUT BINDING SIDING TO ALLOW FOR THERMAL MOVEMENT.

17. INSTALL FASTENERS NO MORE THAN [16 INCHES (600 MM)] O.C.

18. BACK PRIME ALL HARDIE PLANK PRODUCTS PRIOR TO INSTALLATION.

19. FILL NAIL HOLES AND FINISH EXPOSED EDGES TO MATCH FINISH AS RECOMMENDED BY MANUFACTURER.

20. INSTALL JOINT SEALANTS AS SCHEDULED TO PRODUCE WEATHERTIGHT INSTALLATION.

21. REMOVE DAMAGED, IMPROPERLY INSTALLED, OR OTHERWISE DEFECTIVE MATERIALS AND REPLACE WITH NEW MATERIALS COMPLYING WITH SPECIFIED REQUIREMENTS.

22. CLEAN FINISHED SURFACES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND MAINTAIN IN A CLEAN CONDITION DURING CONSTRUCTION.

FLEXIBLE SHEET ROOFING NOTES:

1. MANUFACTURER: OBTAIN PRIMARY FLEXIBLE SHEET ROOFING FROM A SINGLE MANUFACTURER. PROVIDE SECONDARY MATERIALS AS RECOMMENDED BY MANUFACTURER OF PRIMARY MATERIALS.

2. INSTALLER: A FIRM WITH NOT LESS THAN 3 YEARS OF SUCCESSFUL EXPERIENCE IN INSTALLATION OF ROOFING SYSTEMS SIMILAR TO THOSE REQUIRED FOR THIS PROJECT AND WHICH IS ACCEPTABLE TO OR LICENSED BY MANUFACTURER OF PRIMARY ROOFING MATERIALS.

3. ASSIGN WORK CLOSELY ASSOCIATED WITH FLEXIBLE SHEET ROOFING, INCLUDING (BUT NOT LIMITED TO) INSULATION, FLASHING AND COUNTERFLASHING, EXPANSION JOINTS, AND JOINT SEALERS, TO INSTALLER OF FLEXIBLE SHEET ROOFING.

4. INSPECTION: PROVIDE WRITTEN ACCEPTANCE BY SUBCONTRACTOR OF SUBSTRATE AND WORK BY OTHERS CONSISTENT WITH THE MANUFACTURER'S WARRANTY, PRIOR TO STARTING ROOF WORK.

5. PRODUCT DATA: SUBMIT SPECIFICATIONS, INSTALLATION INSTRUCTIONS AND GENERAL RECOMMENDATIONS FROM MANUFACTURERS OF FLEXIBLE SHEET ROOFING SYSTEM MATERIALS, FOR TYPES OF ROOFING REQUIRED. INCLUDE DATA SUBSTANTIATING THAT MATERIALS COMPLY WITH REQUIREMENTS.

6. SHOP DRAWINGS: SUBMIT COMPLETE SHOP DRAWINGS SHOWING ROOF CONFIGURATION AND SHEET LAYOUT, DETAILS AT PERIMETER, SPECIAL CONDITIONS, AND ALL PENETRATIONS.

7. WARRANTY PERIOD IS 10 YEARS AFTER DATE OF SUBSTANTIAL COMPLETION.

8. PROVIDE WRITTEN PROVISION IN THE WARRANTY ACKNOWLEDGING THAT THE WARRANTY WILL REMAIN IN EFFECT AS ADDITIONAL PENETRATIONS, VENTS, CURBS AND ANY OTHER ROOFING WORK ARE INSTALLED DURING THE WARRANTY PERIOD. PROVISION SHALL STIPULATE THAT THE ORIGINAL INSTALLER SHALL PROVIDE ALL ROOFING MATERIALS AND LABOR REQUIRED BY THE OWNER AT THE NORMAL COST AT THE TIME OF THE WORK.

9. COMPATIBILITY: PROVIDE PRODUCTS WHICH ARE RECOMMENDED BY MANUFACTURERS TO BE FULLY COMPATIBLE WITH INDICATED SUBSTRATES, OR PROVIDE SEPARATION MATERIALS AS REQUIRED TO ELIMINATE CONTACT BETWEEN INCOMPATIBLE MATERIALS.

10. EPDM FSR MEMBRANE;
   A. ETHYLENE PROPYLENE DIENE MONOMERS FORMED INTO UNIFORM, FLEXIBLE SHEETS, COMPLYING WITH THE FOLLOWING:
      -TENSILE STRENGTH (ASTM D 412): 1400 PSI.
      -ULTIMATE ELONGATION (ASTM D 412): 300%
      -BRITTLENESS TEMPERATURE (ASTM D 746): -75 DEG. F (-59 DEG.C)
      -TEAR RESISTANCE (ASTM D 624): 125 LBS. PER LIN. INCH.
      -RESISTANCE TO OZONE AGING (ASTM D 1149): NO CRACKS AFTER 168 HOURS
      -EXPOSURE OF 50% ELONGATED SAMPLES AT 104 DEG. F (40 DEG. C) AND 100 PPHM OZONE.
      -RESISTANCE TO HEAT AGING (ASTM D 573): MAXIMUM REDUCTION IN ELONGATION OF 30% MAXIMUM LOSS OF TENSILE STRENGTH OF 15% 168 HOURS AT 240 DEG. F (116 DEG. C).
      -THICKNESS: 45 MILS, NOMINAL.
      -EXPOSED FACE COLOR: BLACK
      -MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS OF ONE OF THE FOLLOWING:
         CARLISLE SYNTEC SYSTEMS
         CELOTEX CORP.
         FIRESTONE BUILDING PRODUCTS CO.

11. MANUFACTURER'S: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS OF ONE OF THE FOLLOWING:
   A. CARLISLE SYNTEC SYSTEMS
   B. CELOTEX CORP
   C. FIRESTONE BUILDING PRODUCTS, CO

12. MISCELLANEOUS MATERIALS FOR FSR:
   A. SHEETSEAMING SYSTEM: MANUFACTURER'S STANDARD MATERIALS FOR SEALING LAPPED JOINTS, INCLUDING EDGE SEALER TO COVER EXPOSED SPLICED EDGES AS RECOMMENDED BY MANUFACTURER OF FSR SYSTEM.
   B. CANT STRIPS, TAPERED EDGE STRIPS AND FLASHING ACCESSORIES: TYPES RECOMMENDED BY MANUFACTURER OF FSR MATERIAL, PROVIDED AT LOCATIONS INDICATED AND AT LOCATIONS RECOMMENDED BY MFR., AND INCLUDING ADHESIVE TAPES, FLASHING CEMENT, AND SEALANTS.
   C. SLIP SHEET: TYPE RECOMMENDED BY MANUFACTURER OF FSR MATERIAL FOR PROTECTION OF SHEET FROM INCOMPATIBLE SUBSTRATES.
   D. MECHANICAL FASTENERS: METAL PLATES, CAPS, BATTENS, ACCESSORY COMPONENTS, FASTENING DEVICES, AND ADHESIVES TO SUIT SUBSTRATE AND AS RECOMMENDED BY FSR MEMBRANE MANUFACTURER.
   E. MEMBRANE ADHESIVE: AS RECOMMENDED BY FSR MEMBRANE MANUFACTURER FOR PARTICULAR SUBSTRATE AND PROJECT CONDITIONS, FORMULATED TO WITHSTAND MIN. 90 PSF UPLIFT FORCE.
   F. WATER CUT-OFF MASTIC AND CAP SEALANT: AS RECOMMENDED BY FSR MANUFACTURER AND SUITABLE FOR SPECIFIED AND APPROVED DETAILS.

13. POLYISOCYANURATE BOARD ROOF INSULATION: RIGID, CELLULAR THERMAL INSULATION WITH POLYISOCYANURATE CLOSED-CELL FOAM CORE AND MANUFACTURER'S STANDARD FACING LAMINATED TO BOTH SIDES; COMPLYING WITH FS HH-I-1972/2, CLASS 1; AGED R-VALUES AS DESIGNATED AT MEAN TEMPERATURES INDICATED, AFTER CONDITIONING PER RIC/ITMOA BULLETIN #281-1; AND AS FOLLOWS:
   A. SURFACE BURNING CHARACTERISTICS: MAXIMUM FLAME SPREAD OF 25.
   B. PROVIDE 1/4" THICKNESS
   C. PROVIDE INSULATION WITH NO ASBESTOS CONTENT.
   D. APPROVALS: PROVIDE INSULATION WHICH COMPLIES WITH FM 4450 OR UL SUBJECT 1256.
   E. MISCELLANEOUS INSULATION MATERIALS:
   F. ADHESIVE FOR BONDING INSULATION: TYPE RECOMMENDED BY INSULATION MANUFACTURER AND COMPLYING WITH FIRE RESISTANCE REQUIREMENTS.
   G. MASTIC SEALER: TYPE RECOMMENDED BY INSULATION MANUFACTURER FOR BONDING EDGE JOINTS AND FILLING VOIDS.

14. MISCELLANEOUS ROOFING ACCESSORIES:
   A. FLASHING MATERIAL: MANUFACTURER'S STANDARD SYSTEM COMPATIBLE WITH FLEXIBLE SHEET MEMBRANE.
   B. VENT PIPE FLASHING: MANUFACTURER'S STANDARD SYSTEM COMPATIBLE WITH FLEXIBLE SHEET MEMBRANE.

15. PREPARATION OF SUBSTRATE AND INSTALLATION:
   A. GENERAL: COMPLY WITH MANUFACTURER'S INSTRUCTIONS, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED.
   B. INSTALL CANT STRIPS, FLASHINGS, AND ACCESSORY ITEMS AS SHOWN, AND AS RECOMMENDED BY MANUFACTURER EVEN THOUGH NOT SHOWN.

16. FSR MEMBRANE INSTALLATION:
   A. LOOSE-LAID AND BALLASTED FSR: INSTALL MEMBRANE BY UNROLLING OVER PREPARED SUBSTRATE, FASTENING AT PERIMETER AND AT ROOFING PENETRATIONS. LAP ADJOINING SHEETS AS RECOMMENDED BY FSR MANUFACTURER AND BOND AS RECOMMENDED BY MANUFACTURER. COVERING TOP EDGES OF EACH SHEET AT SEAMS WITH UNIFORM FILLET OF SEALANT IF RECOMMENDED BY MANUFACTURER. INSTALL FLASHINGS AND COUNTERFLASHINGS AS SHOWN AND AS RECOMMENDED BY MANUFACTURER.
   B. CUT MEMBRANE SHEETS IN MAXIMUM SIZE PIECES IN ORDER TO MINIMIZE SEAMS. MEMBRANE PATCHES LESS THAN 60" X 60" WILL NOT BE ACCEPTED

REPLACEMENT WINDOWS

1. BASIS OF DESIGN FOR WINDOW REPLACMENTS:
   A. ALL WOOD DOUBLE HUNG, OVERSIZED INDUSTRIAL, ACCENT AND MONITOR PRIMED WINDOW WITH LOW-E THERMALLY BROKEN GLASS.
   B. ALL VINYL DOUBLE HUNG, OVERSIZED INDUSTRIAL, ACCENT AND MONITOR PRE-FINISHED WINDOW WITH LOW-E THERMALLY BROKEN GLASS.
   C. ALL METAL DOUBLE HUNG, OVERSIZDE INDUSTRIAL, ACCENT AND MONITOR PRE-FINISHED WINDOW WITH LOW-E THERMALLY BROKEN GLASS.

2. ALTERNATE MANUFACTURERS FOR ALL REPLACEMENT WINDOWS WILL BE ACCEPTABLE IF SUBSTITUTED REPLACEMENT WINDOW MEETS THE CRITERIA FOR ALL UNITS AS DESCRIBED IN THIS SECTION.

3. ALL OPERABLE WINDOWS ARE TO MEET THE STRUCTURAL PERFORMANCE, WIND LOAD, AIRBORNE DEBRIS AND DEFLECTION REQUIREMENTS AS OUTLINED BY THE MANUFACTURER.

4. SUBMIT PRODUCT DATA INCLUDING CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, FABRICATION METHODS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, HARDWARE, FINISHES, AND OPERATING INSTRUCTIONS FOR EACH TYPE OF WOOD WINDOW INDICATED.

5. SUBMIT SHOP DRAWINGS INCLUDING PLANS, ELEVATIONS, SECTIONS, DETAILS, HARDWARE, ATTACHMENTS TO OTHER WORK, OPERATIONAL CLEARANCES, INSTALLATION DETAILS, AND THE FOLLOWING:
   MULLION DETAILS, INCLUDING REINFORCEMENT AND STIFFENERS.
   JOINERY DETAILS.
   EXPANSION PROVISIONS.
   FLASHING AND DRAINAGE DETAILS.
   WEATHER-STRIPPING DETAILS.
   THERMAL-BREAK DETAILS.
   GLAZING DETAILS.
   WINDOW CLEANING PROVISIONS

6. WINDOW SCHEDULE AS INDICATED ON DRAWINGS.

7. PROVIDE QUALIFICATION DATA: FOR INSTALLER AND MANUFACTURER.

8. PROVIDE PRODUCT TEST REPORTS: BASED ON EVALUATION OF COMPREHENSIVE TESTS PERFORMED WITHIN THE LAST FOUR YEARS BY A QUALIFIED TESTING AGENCY FOR EACH TYPE, CLASS, GRADE, AND SIZE OF WOOD WINDOW. THE SIZE SHALL BE AT LEAST AS LARGE AS THE LARGEST UNIT OF EACH TYPE IN THE PROJECT TEST RESULTS BASED ON USE OF DOWNSIZED TEST UNITS WILL NOT BE ACCEPTED.

9. PROVIDE MAINTENANCE DATA: FOR OPERABLE WINDOW SASH, OPERATING HARDWARE, WEATHER STRIPPING AND FINISHES TO INCLUDE IN MAINTENANCE MANUALS.

10. VERIFY WINDOW OPENINGS BY FIELD MEASUREMENTS BEFORE FABRICATION AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.

11. PROVIDE MANUFACTURER'S STANDARD WARRANTY FORM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE WINDOWS THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.

   FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING
   A. FAILURE TO MEET PERFORMANCE REQUIREMENTS.
   B. STRUCTURAL FAILURES INCLUDING EXCESSIVE DEFLECTION, WATER LEAKAGE, OR AIR INFILTRATION, OR CONDENSATION.
   C. FAULTY OPERATION OF MOVABLE SASH AND HARDWAR.
   D. DETERIORATION OF WOOD, METALS, VINYL, OTHER MATERIALS, AND FINISHES BEYOND NORMAL WEATHERING.
   E. INSULATING GLASS.

12. GLAZING: PROVIDE MANUFACTURERS STANDARD THERMALLY BROKEN LOW-E GLAZING SYSTEM FOR ALL WINDOWS

13. PROVIDE MANUFACTURERS STANDARD WINDOW HARDWARE. SUBMIT COLOR SAMPLES FOR ARCHITECTS APPROVAL PRIOR TO PURCHASING WINDOWS.

14. PROVIDE ALTERNATE FOR MANUFACTURES STANDARD ALUMINUM WINDOW SCREENS. DESIGN WINDOWS AND HARDWARE TO ACCOMMODATE SCREENS IN A TIGHT-FITTING, REMOVABLE ARRANGEMENT, WITH A MINIMUM OF EXPOSED FASTENERS AND LATCHES. FABRICATE INSECT SCREENS TO FULLY INTEGRATE WITH WINDOW FRAME. LOCATE SCREENS ON OUTSIDE OF WINDOW AND PROVIDE FOR EACH OPERABLE EXTERIOR SASH OR VENTILATOR.

15. ALL REPLACEMENT WINDOWS:
   A. WOOD FOR SASHES AND FRAMES: CLEAR PONDEROSA PINE OR ANOTHER SUITABLE FINE-GRAINED LUMBER; KILN DRIED TO A MOISTURE CONTENT OF 6 TO 12 PERCENT AT TIME OF FABRICATION; FREE OF VISIBLE FINGER JOINTS, BLUE STAIN, KNOTS, PITCH POCKETS, AND SURFACE CHECKS LARGER THAN 1/32 INCH (0.8 MM) DEEP BY 2 INCHES (51 MM) WIDE; WATER-REPELLENT PRESERVATIVE TREATED.
   B. FASTENERS: ALUMINUM, NONMAGNETIC STAINLESS STEEL, EPOXY ADHESIVE, OR OTHER MATERIALS WARRANTED BY MANUFACTURER TO BE NONCORROSIVE AND COMPATIBLE WITH WOOD WINDOW MEMBERS, CLADDING, TRIM, HARDWARE, ANCHORS, AND OTHER COMPONENTS.
   C. EXPOSED FASTENERS: UNLESS UNAVOIDABLE FOR APPLYING HARDWARE, DO NOT USE EXPOSED FASTENERS FOR APPLICATION OF HARDWARE, USE FASTENERS THAT MATCH FINISH OF MEMBER OR HARDWARE BEING FASTENED, AS APPROPRIATE.
   D. ANCHORS, NAIL FINS, CLIPS, AND ACCESSORIES: ALUMINUM, NONMAGNETIC STAINLESS STEEL, OR ZINC-COATED STEEL OR IRON COMPLYING WITH ASTM B 633 FOR SC 3 SEVERE SERVICE CONDITIONS; PROVIDE SUFFICIENT STRENGTH TO WITHSTAND DESIGN PRESSURE INDICATED.
   E. REINFORCING MEMBERS: ALUMINUM, OR NONMAGNETIC STAINLESS STEEL, OR NICKEL/CHROME-PLATED STEEL COMPLYING WITH ASTM B 456 FOR TYPE SC 3 SEVERE SERVICE CONDITIONS, OR ZINC-COATED STEEL OR IRON COMPLYING WITH ASTM B 633 FOR SC 3 SEVERE SERVICE CONDITIONS; PROVIDE SUFFICIENT STRENGTH TO WITHSTAND DESIGN PRESSURE INDICATED
   F. COMPRESSION-TYPE WEATHER STRIPPING: PROVIDE COMPRESSIBLE WEATHER STRIPPING DESIGNED FOR PERMANENTLY RESILIENT SEALING UNDER BUMPER OR WIPER ACTION AND FOR COMPLETE CONCEALMENT WHEN WOOD WINDOW IS CLOSED
   G. WEATHER-STRIPPING MATERIAL: MANUFACTURER'S STANDARD SYSTEM AND MATERIALS COMPLYING WITH AAMA/WDMA 101/I.S.2/NAFS.
   H. FABRICATE WOOD WINDOWS IN SIZES INDICATED. INCLUDE A COMPLETE SYSTEM FOR ASSEMBLING COMPONENTS AND ANCHORING WINDOWS.
   I. PROVIDE WEATHER STRIPPING ONLY AT HORIZONTAL RAILS OF OPERABLE SASH
   J. PROVIDE MANUFACTURERS FACTORY PRIME COAT FOR BOTH INTERIOR AND EXTERIOR OF WINDOW.

16. EXAMINATION
   A. EXAMINE OPENINGS, SUBSTRATES, STRUCTURAL SUPPORT, ANCHORAGE, AND CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF WORK. VERIFY ROUGH OPENING DIMENSIONS, LEVELNESS OF SILL PLATE, AND OPERATIONAL CLEARANCES. EXAMINE WALL FLASHINGS, VAPOR RETARDERS, WATER AND WEATHER BARRIERS, AND OTHER BUILT-IN COMPONENTS TO ENSURE A COORDINATED, WEATHERTIGHT WINDOW INSTALLATION.
   B. MASONRY SURFACES: VISIBLY DRY AND FREE OF EXCESS MORTAR, SAND, AND OTHER CONSTRUCTION DEBRIS.
   C. FRAMED WALLS: DRY, CLEAN, SOUND, WELL NAILED, FREE OF VOIDS, AND WITHOUT OFFSETS AT JOINTS. ENSURE THAT MECHANICAL FASTENERS ARE DRIVEN FLUSH WITH SURFACES IN OPENING AND WITHIN 3 INCHES (76 MM) OF OPENING.

17. INSTALLATION
   A. COMPLY WITH DRAWINGS, SHOP DRAWINGS, AND MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING WINDOWS, HARDWARE, ACCESSORIES, AND OTHER COMPONENTS.
   B. INSTALL WINDOWS LEVEL, PLUMB, SQUARE, TRUE TO LINE, WITHOUT DISTORTION OR IMPEDING THERMAL MOVEMENT, ANCHORED SECURELY IN PLACE TO STRUCTURAL SUPPORT, AND IN PROPER RELATION TO WALL FLASHING AND OTHER ADJACENT CONSTRUCTION.
   C. SILL MEMBERS SHOULD NOT BE SET IN A BED OF SEALANT. BUT RATHER, SILLS SHOULD BE SHIMMED AND THEN SEALED AS DESCRIBED IN PARAGRAPHS 6 AND 7 BELOW.
   D. INSTALL WINDOWS TO BE WEATHER-TIGHT AND FREELY OPERATINGSET SILL MEMBERS IN BED OF SEALANT OR WITH GASKETS, AS INDICATED, FOR WEATHERTIGHT CONSTRUCTION.
   E. SEPARATE ALUMINUM AND OTHER CORRODIBLE SURFACES FROM SOURCES OF CORROSION OR ELECTROLYTIC ACTION (DISSIMILAR MATERIALS, TREATED LUMBER, ETC.) AT POINTS OF CONTACT WITH OTHER MATERIALS.
   F. FOR FIN METHOD OF ATTACHMENT, INTEGRATE WINDOW SYSTEM INSTALLATION WITH EXTERIOR WEATHER-RESISTANT BARRIER USING FLASHING/SEALANT TAPE. APPLY AND INTEGRATE FLASHING/SEALANT TAPE WITH WEATHER-RESISTANT BARRIER USING WATERSHED PRINCIPLES IN ACCORDANCE WITH WINDOW MANUFACTURER'S INSTRUCTIONS.
   G. PLACE INTERIOR SEAL AROUND WINDOW PERIMETER USING INSULATING FOAM SEALANT TO MAINTAIN CONTINUITY OF BUILDING THERMAL AND AIR BARRIER.
   H. SEAL WINDOW TO EXTERIOR WALL CLADDING WITH SEALANT AND RELATED BACKING MATERIALS AT PERIMETER OF ASSEMBLY.
   I. LEAVE WINDOW UNITS CLOSED AND LOCKED.

18. ADJUSTING, CLEANING, AND PROTECTION.
   A. ADJUST OPERATING SASHES AND VENTILATORS, SCREENS, HARDWARE, AND ACCESSORIES FOR A TIGHT FIT AT CONTACT POINTS AND WEATHER-STRIPPING FOR SMOOTH OPERATION AND WEATHERTIGHT CLOSURE. LUBRICATE HARDWARE AND MOVING PARTS.
   B. CLEAN EXPOSED SURFACES IMMEDIATELY AFTER INSTALLING WINDOWS. AVOID DAMAGING PROTECTIVE COATINGS AND FINISHES. REMOVE EXCESS SEALANTS, GLAZING MATERIALS, DIRT, AND OTHER SUBSTANCES.
   C. CLEAN FACTORY-GLAZED GLASS IMMEDIATELY AFTER INSTALLING WINDOWS. COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS FOR FINAL CLEANING AND MAINTENANCE. REMOVE NONPERMANENT LABELS, AND CLEAN SURFACES.
   D. PROTECT WINDOW SURFACES FROM CONTACT WITH CONTAMINATING SUBSTANCES RESULTING FROM CONSTRUCTION OPERATIONS. IN ADDITION, MONITOR WINDOW SURFACES ADJACENT TO AND BELOW EXTERIOR CONCRETE AND MASONRY SURFACES DURING CONSTRUCTION FOR PRESENCE OF DIRT, SCUM, ALKALINE DEPOSITS, STAINS, OR OTHER CONTAMINANTS. IF CONTAMINATING SUBSTANCES DO CONTACT WINDOW SURFACES, REMOVE CONTAMINANTS IMMEDIATELY ACCORDING TO MANUFACTURER'S WRITTEN RECOMMENDATIONS.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE
GENERAL PHASE 1 NOTES

ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
1929	SK	PB

CS1.4

10/29/2020 12:59:49 AM C:\Users\pbahn\Documents\1929_StehliSilkMillCentralModel_pbahn.rvt

GYPSUM WALLBOARD NOTES:

1. GYPSUM WALLBOARD (GWB) SHALL BE U.S. GYPSUM OR EQUAL, INSTALLED WITH TYPE "W" DRYWALL SCREWS DRIVEN WITH AN ELECTRIC SCREW GUN. INSTALL WITH A COMPATIBLE CONSTRUCTION GRADE ADHESIVE APPLIED TO STUDS AND FURRING STRIPS PRIOR TO INSTALLATION. APPLY THREE COATS OF PREMIXED GWB COMPOUND AND SAND SMOOTH. ALL EDGES SHALL BE TAPED OR HAVE METAL GWB TRIM ACCESSORIES INSTALLED AS CONDITIONS DICTATE. ALL SURFACES SHALL BE FINISHED TRUE AND SMOOTH. PROVIDE 1/2" GWB FOR ALL INSTALLATIONS.

2. GYPSUM WALLBOARD (GWB) SHALL BE U.S. GYPSUM OR EQUAL, INSTALLED WITH TYPE "W" DRYWALL SCREWS DRIVEN WITH AN ELECTRIC SCREW GUN. INSTALL WITH A COMPATIBLE CONSTRUCTION GRADE ADHESIVE APPLIED TO STUDS AND FURRING STRIPS PRIOR TO INSTALLATION.

3. FINISH: APPLY THREE COATS OF PREMIXED GWB JOINT COMPOUND AND SAND SMOOTH. ALL EDGES SHALL BE TAPED OR HAVE METAL GWB TRIM ACCESSORIES INSTALLED AS CONDITIONS DICTATE. ALL SURFACES SHALL BE FINISHED TRUE AND SMOOTH, READY FOR PAINTED FINISH.

4. PROVIDE 5/8" GWB FOR ALL INSTALLATIONS. PROVIDE TYPE "X" WHERE INDICATED IN FIRE RESISTANT ASSEMBLIES.

5. PROVIDE MOISTURE RESISTANT GWB IN BATHROOMS, AND AT LOCATIONS INDICATED ON DRAWINGS.

GYPSUM PLASTER REPAIR AND REPLACEMENT NOTES:

1. CUT, PATCH, REPLACE, AND REPAIR PLASTER AS NECESSARY TO ACCOMMODATE OTHER WORK AND TO RESTORE CRACKS, DENTS, AND IMPERFECTIONS. REPAIR OR REPLACE WORK TO ELIMINATE LARGE CRACKS, BLISTERS, BUCKLES, DRY OUTS, EFFLORESCENCE, SWEAT OUTS, AND SIMILAR DEFECTS AND WHERE BOND TO SUBSTRATE HAS FAILED. SMALL DEFECTS IN THE ORIGINAL PLASTER ARE ACCEPTABLE.

2. SEE DRAWINGS FOR EXTENT OF SEVERELY DETERIORATED OR MISSING PLASTER THAT MUST BE REPLACED.

3. ADVISE PROJECT COORDINATOR AND ARCHITECT TO THE CAUSE OF EXISTING PLASTER DETERIORATION AND DEFECTS. COORDINATE SCOPE OF WORK TO ENSURE UNDERLYING CONSTRUCTION DEFICIENCIES HAVE BEEN CORRECTED PRIOR TO BEGINNING PLASTER REPAIRS OR REPLACEMENT.

4. MOCKUPS: BEFORE PLASTERING, INSTALL MOCKUPS OF AT LEAST 25 SQ. FT. IN SURFACE AREA TO DEMONSTRATE AESTHETIC EFFECTS AND SET QUALITY STANDARDS FOR MATERIALS AND EXECUTION. APPROVED MOCKUPS MAY BECOME PART OF THE COMPLETED WORK IF UNDISTURBED AT TIME OF SUBSTANTIAL COMPLETION.

5. PLASTER REPAIR:
   - A. REPAIR HAIRLINE CRACKS AND MINOR DEFECTS WITH APPROPRIATE PATCHING COMPOUNDS AND LIGHTLY SANDING FINISH TO BLEND WITH SURROUNDING CONSTRUCTION.
     1. PROVIDE JOINT COMPOUND FOR SURFACE CRACKS AND DEFECTS.
     2. PROVIDE PLASTER PATCH COMPOUND FOR LARGER CRACKS IN ACCORDANCE WITH USG CONVENTIONAL PLASTER SYSTEMS.

6. PROVIDE PLASTER REPLACEMENT TECHNIQUES IN ACCORDANCE WITH THE CONVENTIONAL PLASTER SYSTEMS INSTALLATION, PUBLISHED BY THE UNITED STATES GYPSUM (USG) COMPANY.

7. PLASTER PATCHING AND REPLACEMENT: UNLESS OTHERWISE INDICATED PROVIDE 3-COAT WORK. FINISH GYPSUM PLASTER WITH SMOOTH-TROWELED FINISH. SAND LIGHTLY TO REMOVE TROWEL MARKS AND ARISES. CUT, PATCH, POINT-UP AND REPAIR PLASTER TO ACCOMMODATE OTHER CONSTRUCTION AND TO RESTORE CRACKS, DENTS AND IMPERFECTIONS.
   - A. PREPARATION:
     1. REMOVE AREAS OF DAMAGED PLASTER.
     2. REMOVE OR REATTACH EXISTING WOOD LATH, AS REQUIRED BY CONDITIONS.
     3. FULLY SOAK ANY REMAINING WOOD LATH WITH WATER PRIOR TO INSTALLATION OF PLASTER SCRATCH COAT.
   - B. LATH: PROVIDE METAL LATH, MECHANICALLY FASTENED TO SUBSTRATE OF MASONRY, WOOD LATH OR WOOD FRAME CONSTRUCTION.
     1. GALVANIZED SELF FURRING EXPANDED METAL DIAMOND LATH FOR STUD SPACINGS UP TO 16" O.C.
     2. PROVIDE 3/8" METAL RIB LATH FOR STUD SPACINGS UP TO 24" O.C.
   - C. PLASTER:
     1. PROVIDE 3 COAT PLASTER SYSTEM IN ACCORDANCE WITH USG STANDARDS, AND COMPATIBLE WITH EXISTING PLASTER FINISHES.
     2. TRANSITIONS TO EXISTING PLASTER WORK ARE TO BE UNNOTICEABLE.
     3. PROVIDE FINISHED PLASTER SURFACE, READY FOR PAINT.

8. CASING BEADS: INSTALL AT TERMINATIONS OF PLASTERWORK, EXCEPT WHERE PLASTER PASSES BEHIND AND IS CONCEALED BY OTHER WORK AND WHERE METAL SCREEDS, BASES, OR FRAMES ACT AS CASING.

9. EXPANSION JOINTS: PROVIDE AS NEEDED, AFTER DISCUSSION WITH ARCHITECT.

10. PATCH PLASTER INSTALLATION: COMPLY WITH MANUFACTURER'S INSTRUCTIONS. UNLESS OTHERWISE INDICATED PROVIDE 3-COAT WORK. FINISH GYPSUM PLASTER WITH SMOOTH-TROWELED FINISH. SAND LIGHTLY TO REMOVE TROWEL MARKS AND ARISES. CUT, PATCH, POINT-UP AND REPAIR PLASTER TO ACCOMMODATE OTHER CONSTRUCTION AND TO RESTORE CRACKS, DENTS AND IMPERFECTIONS.

11. ALL PLASTER PATCHING TO MATCH EXISTING IN COLOR, THICKNESS, TEXTURE, & INSTALLATION METHOD.

12. FEATHER PLASTER PATCHING MINIMUM 1'-0" ON EITHER SIDE OF AREA TO BE PATCHED.

PAINT

1. SUBMIT SAMPLES FOR EACH TYPE OF PRODUCT ,COLOR AND FINISH INDICATED.

2. PREPARATION AND WORKMANSHIP TO COMPLY WITH REQUIREMENTS IN "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" FOR PRODUCTS AND PAINT SYSTEMS INDICATED.

3. APPLY BENCHMARK SAMPLES OF EACH PAINT SYSTEM INDICATED AND EACH COLOR AND FINISH SELECTED TO VERIFY PRELIMINARY SELECTIONS MADE UNDER SAMPLE SUBMITTALS AND TO DEMONSTRATE AESTHETIC EFFECTS AND SET QUALITY STANDARDS FOR MATERIALS AND EXECUTION.

4. OWNER WILL SELECT ONE SURFACE TO REPRESENT SURFACES AND CONDITIONS FOR APPLICATION OF EACH PAINT SYSTEM SPECIFIED IN PART 3.
   - A. WALL SURFACES: PROVIDE SAMPLES OF AT LEAST 50 SQ. FT.
   - B. OTHER ITEMS: OWNER WILL DESIGNATE ITEMS OR AREAS REQUIRED, MINIMUM 10 LF

5. FURNISH A MINIMUM OF AN ADDITIONAL 1 GAL. (3.8 L) OF EACH MATERIAL AND COLOR APPLIED. EXTRA MATERIALS ARE TO BE FROM SAME PRODUCTION RUN (BATCH MIX) AS MATERIALS APPLIED AND THAT ARE PACKAGED FOR STORAGE AND IDENTIFIED WITH LABELS DESCRIBING CONTENTS.

6. AVAILABLE MANUFACTURES AND PRODUCTS INCLUDE, BUT ARE NOT LIMITED TO THOSE LISTED IN "INTERIOR PAINT SCHEDULE."

7. SYSTEMS COULD FAIL IF PAINTS USED FOR INDIVIDUAL COATS ARE INCOMPATIBLE. MPI'S PAINT SYSTEMS MATCH PRIMERS AND TOPCOATS AND TAKE COMPATIBILITY INTO CONSIDERATION.

A. PROVIDE MATERIALS FOR USE WITHIN EACH PAINT SYSTEM THAT ARE COMPATIBLE WITH ONE ANOTHER AND SUBSTRATES INDICATED, UNDER CONDITIONS OF SERVICE AND APPLICATION AS DEMONSTRATED BY MANUFACTURER, BASED ON TESTING AND FIELD EXPERIENCE.

B. FOR EACH COAT IN A PAINT SYSTEM, PROVIDE PRODUCTS RECOMMENDED IN WRITING BY MANUFACTURERS OF TOPCOAT FOR USE IN PAINT SYSTEM AND ON SUBSTRATE INDICATED.

8. COLORS: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.

9. EXAMINE SUBSTRATES AND CONDITIONS, WITH APPLICATOR PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR MAXIMUM MOISTURE CONTENT AND OTHER CONDITIONS AFFECTING PERFORMANCE OF WORK.

10. MAXIMUM MOISTURE CONTENT OF SUBSTRATES: WHEN MEASURED WITH AN ELECTRONIC MOISTURE METER AS FOLLOWS:
   - A. PERCENTAGES ARE BASED ON "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL."
     - A.1. WOOD: 15 PERCENT.
     - A.2. GYPSUM BOARD: 12 PERCENT.
     - A.3. MASONRY: 12 PERCENT

11. VERIFY SUITABILITY OF SUBSTRATES, INCLUDING SURFACE CONDITIONS AND COMPATIBILITY WITH EXISTING FINISHES AND PRIMERS.

12. BEGIN COATING APPLICATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED AND SURFACES ARE DRY.

13. BEGINNING COATING APPLICATION CONSTITUTES CONTRACTOR'S ACCEPTANCE OF SUBSTRATES AND CONDITIONS.

14. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS IN "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.

15. CLEAN SUBSTRATES OF SUBSTANCES THAT COULD IMPAIR BOND OF PAINTS, INCLUDING DIRT, OIL, GREASE, AND INCOMPATIBLE PAINTS AND ENCAPSULANTS.

16. APPLY PAINTS TO PRODUCE SURFACE FILMS WITHOUT CLOUDINESS, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, ROLLER TRACKING, RUNS, SAGS, ROPINESS, OR OTHER SURFACE IMPERFECTIONS. CUT IN SHARP LINES AND COLOR BREAKS.

17. PROTECT WORK OF OTHER TRADES AGAINST DAMAGE FROM PAINT APPLICATION. CORRECT DAMAGE TO WORK OF OTHER TRADES BY CLEANING, REPAIRING, REPLACING, AND REFINISHING, AS APPROVED BY ARCHITECT, AND LEAVE IN AN UNDAMAGED CONDITION.

18. AT COMPLETION OF CONSTRUCTION ACTIVITIES OF OTHER TRADES, TOUCH UP AND RESTORE DAMAGED OR DEFACED PAINTED SURFACES.

19. CONFIRM WITH OWNER THE EXTENT OF PAINTING FOR SURFACES SHEDUALED AS "PATCH AND PAINT". FOR ALL OTHER SURFES NOT SCHEDULED AS "PATCH AND PAINT", THE ENTIRE SURFACE IS TO BE PAINTED.

20. INTERIOR PAINT SCHEDULE:

   - A. LATEX SYSTEM: ALL PAINT TO MATCH EXISTING IN COLOR AND SHEEN
   - B. WOOD SUBSTRATES, OPAQUE FINISH:

PRIME COAT:
SW: PREPRITE CLASSIC LATEX PRIMER, B28W101
DUR: ACRYLIC ENAMEL UNDERCOATER, 04-123
MAB: ECLIPSE ACRYLIC PRIMER, 036-154

INTERMEDIATE COAT:
SW: PROCLASSIC WATERBORNE INTERIOR ACRYLIC SEMI-GLOSS (B31 SERIES),
DUR: SIGNATURE SELECT SEMI-GLOSS (173 SERIES),
MAB: PROCLASSIC WATERBORNE INTERIOR ACRYLIC SEMI-GLOSS (B31 SERIES)

TOPCOAT:
SW: PROCLASSIC WATERBORNE INTERIOR ACRYLIC SEMI-GLOSS (B31 SERIE
DUR: SIGNATURE SELECT SEMI-GLOSS (173 SERIES),
MAB: PROCLASSIC WATERBORNE INTERIOR ACRYLIC SEMI-GLOSS (B31 SERIES)

   - C. WOOD SUBSTRATES, TRANSPARENT FINISH:

STAIN: ZAR WOOD STAIN

INTERMEDIATE COAT: ZAR ULTRA MAX WATERBOURNE OIL MODIFIED POLYURETHANE (SEMI-GLOSS)

FINISH COAT: ZAR ULTRA MAX WATERBOURNE OIL MODIFIED POLYURETHANE (SEMI-GLOSS)

   - D. GYPSUM BOARD SUBSTRATES:

PRIME COAT:
SW: PREPRITE 200 PRIMER, B28W200
DUR: ACRYLIC DRYWALL PRIMER, 04-124
MAB: RICH LUX LATEX SEALER UNDERCOATER, 037

INTERMEDIATE COAT:
SW: PROMAR 200 INTERIOR EGGSHELL (B20-200 SERIES),
DUR: ULTRA DELUXE INT. EGGSHELL (36 SERIES),
MAB: RICH LUX WALL SHIELD EGGSHELL (029 SERIES),

TOPCOAT:
SW: PROMAR 200 INTERIOR LATEX EGGSHELL (B20-200 SERIES),
DUR: ULTRA DELUXE INT. EGGSHELL (36 SERIES),
MAB: RICH LUX WALL SHIELD EGGSHELL (029 SERIES),

21. EXTERIOR PAINT SCHEDULE

   - A. WOOD SUBSTRATES, OPAQUE FINISH:

PRIME COAT:
SW: A-100 EXTERIOR LATEX WOOD PRIMER, B42W41
DUR: BOND & SEAL 08-124
MAB: SEASHORE LATEX PRIMER, 056987

INTERMEDIATE COAT:
SW: A-100 EXTERIOR LATEX GLOSS (A8 SERIES)
DUR: WEATHERSHIELD, GLOSS (03 SERIES)
MAB: SEASHORE LATEX GLOSS (24 SERIES)

TOPCOAT:
SW: A-100 EXTERIOR LATEX, GLOSS (A8 SERIES) WEATHERSHIELD LATEX, GLOSS (03 SERIES)
MAB: SEASHORE LATEX, GLOSS (24 SERIES)

   - B. BRICK SUBSTRATES- OPAQUE FINISH
   - C. LATEX SYSTEM:

PRIME COAT:
SW: LOXON ACRYLIC MASONRY PRIMER, A24W300
DUR: DURAGRETE MASONRY PRIMER, 16-200
MAB: MODAC HOTCRETE 019199

INTERMEDIATE COAT:
SW: A-100 EXTERIOR LATEX, SATIN (A82 SERIES)
DUR: WEATHERSHIELD LATEX, SATIN (11 SERIES),
MAB: SEASHORE LATEX, SATIN (60 SERIES)

TOPCOAT:
SW: A-100 EXTERIOR LATEX, SATIN (A82 SERIES)
DUR: WEATHERSHIELD LATEX, SATIN (11 SERIES)
MAB: SEASHORE LATEX, SATIN (60 SERIES)

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE
GENERAL PHASE 1 NOTES

ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
1929	SK	PB

CS1.5

10/29/2020 12:59:50 AM C:\Users\pbahn\Documents\1929_StehliSilkMillCentralMode(_pbahn.rvt

UNIT TYPE SCHEDULE BY TYPE

TYPE	UNIT NO:
1A(B)	1104
1A(B)	1204
1A(B)	1304
1A(B)	2104
1A(B)	2204
1A(B)	2304
1A(B) ++	1101
1A(B)*	3101
1A(B)*	3108
1A(B)*	3113
1A(B)*	3201
1A(B)*	3208
1A(B)*	3213
1A(B)*	3308
1A(B)*	3313
1A(B)**	3301
1A(B)***	2102
1A(B)+	2108
1A(B)+	2308
1A(B)+*	2202
1A(B)+*	2302
1A(BR)	1105
1A(BR)	1201
1A(BR)	1205
1A(BR)	1301
1A(BR)	1305
1A(BR)	2105
1A(BR)	2111
1A(BR)	2205
1A(BR)	2211
1A(BR)	2305
1A(BR)	2311
1A(BR)	3103
1A(BR)	3105
1A(BR)	3110
1A(BR)	3203
1A(BR)	3210
1A(BR)	3303
1A(BR)	3305
1A(BR)	3310
1B(B)	1108
1B(B)	1208

UNIT TYPE SCHEDULE BY TYPE

TYPE	UNIT NO:
1B(B)	1308
1B(BR)	1110
1B(BR)	1210
1B(BR)	1310
1C(A)	1103
1C(A)	1107

UNIT TYPE SCHEDULE BY TYPE

TYPE	UNIT NO:
1C(A)	1111
1C(A)	1203
1C(A)	1207
1C(A)	1303
1C(A)	1307
1C(A)	2106
1C(A)	2206
1C(A)	2306
1C(A)	3104
1C(A)	3111
1C(A)	3204
1C(A)	3211
1C(A)	3304
1C(A)	3311
1C(A)*	1211
1C(A)*	1311
1C(A)*	3312
1C(A.R)	2201
1C(AR)	1106
1C(AR)	1109
1C(AR)	1206
1C(AR)	1209
1C(AR)	1306
1C(AR)	1309
1C(AR)	2101
1C(AR)+*	2301
1C(B)*	3112
1C(B)*	3212
1D (A)	5103
1D (A)	5105
1D (A)	5107
1D (A)	5110
1D (A)	5114
1D (A)	5203
1D (A)	5205
1D (A)	5207

UNIT TYPE SCHEDULE BY TYPE

TYPE	UNIT NO:
1D (A)	5210
1D (A)	5214
1D (A)	5303
1D (A)	5305
1D (A)	5307
1D (A)	5310
1D (A)	5314
1D (A.R)	5102
1D (A.R)	5104
1D (A.R)	5108
1D (A.R)	5111
1D (A.R)	5202
1D (A.R)	5204
1D (A.R)	5208
1D (A.R)	5211
1D (A.R)	5302
1D (A.R)	5304
1D (A.R)	5308
1D (A.R)	5311
1E (A)	6101
1E (A)	6103
1E (A)	6105
1E (A)	6201
1E (A)	6203
1E (A)	6205
1E (A)	6301
1E (A)	6303

UNIT TYPE SCHEDULE BY TYPE

TYPE	UNIT NO:
1E (A)	6305
1E (A.R)	6102
1E (A.R)	6104
1E (A.R)	6202
1E (A.R)	6204
1E (A.R)	6302
1E (A.R)	6304
1F (B)	2208
1G(B)	3205
2A(B)	2103
2A(B)	2203
2A(B)	2303
2A(B)	3102
2A(B)	3202
2A(B)*	3302

UNIT TYPE SCHEDULE BY TYPE

TYPE	UNIT NO:
2B (A)	5106
2B (A)	5113
2B (A)	5206
2B (A)	5213
2B (A)	5306
2B (A)	5313

UNIT TYPE SCHEDULE BY TYPE

TYPE	UNIT NO:
2C (A)	6106
2C (A)	6206
2C (A)	6306
2D (AR)	1102
2D(BR)	1202
2D(BR)	1302
SA(AR)	2107
SA(AR)	2207
SA(AR)	2307

UNIT TYPE SCHEDULE BY TYPE

TYPE	UNIT NO:
SA(B)	2109
SA(B)	2209
SA(B)	2309
SA(B)	3107
SA(B)	3207
SA(B)	3307
SA(B)*	2110
SA(B)*	2210
SA(B)*	2310
SA(BR)	3106
SA(BR)	3109
SA(BR)	3206
SA(BR)	3209
SA(BR)	3306

UNIT TYPE SCHEDULE BY TYPE

TYPE	UNIT NO:
SA(BR)	3309
SB (A)	5109
SB (A)	5209
SB (A)	5309
SB (A.R)	5112
SB (A.R)	5212
SB (A.R)	5312
SC (A)	5101
SC (A)	5201
SC (A)	5301

UNIT NAME LEGEND

UNIT: 1101
TYPE: 1A (A.R)

- MILL NUMBER
- FLOOR
- UNIT NUMBER
- * = UNIT WITH UNIQUE CONDITION
- + = UNIT WITH ADDITIONAL BAY
- MIRRORED UNIT LAYOUT
- ACCESSIBILITY TYPE
- UNIT TYPE BREAKDOWN

ROOM NUMBERS:
0.0.00.00
MillFloor.Unit.Room

ROOM AND DOOR NUMBERS DO NOT INDICATE DIFFERENT UNIT TYPES.
SEE UNIT PLAN FOR INDICATION
MORE THAN 10 UNITS PER FLOOR
MORE THAN 10 ROOMS PER UNIT

1.1 INDICATES: MILL 1 FLOOR 1
1.2 INDICATES: MILL 1 FLOOR 2
3.2 INDICATES: MILL 3 FLOOR 2

ROOMS WITHIN UNITS:
01 LIVING
02 BEDROOM
03 BATHROOM
3x ANY WET ROOMS / IE WASHER DRYER / BATHROOM CLOSETS
2x ANY CLOSETS
IN CASE OF DOUBLE BEDROOM UNIT:
04 BEDROOM #2
06 BATHROOM #2

REGULAR ROOMS:
FIRST DIGIT INDICATES FLOOR. SECOND INDICATES MILL.
1.001 MILL 1 - LVL 0: BASEMENT
1.101 MILL 1 - FIRST FLOOR
1.202 MILL 1 - SECOND FLOOR

OTHERS:
S-1 X STAIR 1
S-4 X STAIR 4
C.00X CAFETERIA ROOMS
B.0XX BOILERPLANT BUILDING FIRST FLOOR
B.02X BOILERPLAN BUILDING SECOND FLOOR

DOOR NUMBERS
0000 00

FIRST #4 DIGITS INDICATE UNIT NUMBER
LAST #2 DIGITS INDICATE ROOM NUMBER

S2 12 = STAIR 2 - MILL 1 - FLOOR 2
S4 31 = STAIR 4 - MILL 3 - FLOOR 1
ETC

DOORS WITHIN UNITS:
01 LIVING
02 BEDROOM
03 BATHROOM
3x ANY WET ROOMS / IE WASHER DRYER / BATHROOM CLOSETS
2x ANY CLOSETS
IN CASE OF DOUBLE BEDROOM UNIT:
04 BEDROOM #2
06 BATHROOM #2
05 ADJACENT BATHROOM DOOR CONNECTING TO LIVING

TOTAL UNIT COUNT

UNIT	Count
	165

PHASE 1 APT. UNIT COUNT: (PER FLOOR)		
MILL 1:		
1-A:	3	
1-B:	2	
1-C:	5	
2-D:	1	
MILL 2:		
S-A:	3	
1-A:	4	
1-C:	2	
1-F:	1	
2:	1	
MILL 3:		
S-A:	3	
1-A:	5	
1-C:	3	
1-G:	1	
2*:	1	
TOTAL:	**35**	

PHASE 1 APT. TOTAL COUNTS:		
MILL 1:		
STUDIOS:	0	0%
1 BEDROOMS:	30	91%
2 BEDROOMS:	3	9%
TOTAL:	33	
MILL 2:		
STUDIOS:	9	27%
1 BEDROOMS:	21	64%
2 BEDROOMS:	3	9%
TOTAL:	33	
MILL 3:		
STUDIOS:	9	23%
1 BEDROOMS:	27	69%
2 BEDROOMS:	3	8%
TOTAL:	39	
TOTAL COUNT:	**105**	

UNIT TYPE SCHEDULE BY NUMBER

UNIT NR:	TYPE
1101	1A(B) ++
1102	2D (AR)
1103	1C(A)
1104	1A(B)
1105	1A(BR)
1106	1C(AR)
1107	1C(A)
1108	1B(B)
1109	1C(AR)
1110	1B(BR)
1111	1C(A)
1201	1A(BR)
1202	2D(BR)
1203	1C(A)
1204	1A(B)
1205	1A(BR)
1206	1C(AR)
1207	1C(A)
1208	1B(B)
1209	1C(AR)
1210	1B(BR)
1211	1C(A)*
1301	1A(BR)
1302	2D(BR)
1303	1C(A)
1304	1A(B)
1305	1A(BR)
1306	1C(AR)
1307	1C(A)
1308	1B(B)
1309	1C(AR)
1310	1B(BR)
1311	1C(A)*

UNIT TYPE SCHEDULE BY NUMBER

UNIT NR:	TYPE
2101	1C(AR)
2102	1A(B)***
2103	2A(B)
2104	1A(B)
2105	1A(BR)
2106	1C(A)
2107	SA(AR)
2108	1A(B)+
2109	SA(B)
2110	SA(B)*
2111	1A(BR)
2201	1C(A.R)
2202	1A(B)+*
2203	2A(B)
2204	1A(B)
2205	1A(BR)
2206	1C(A)
2207	SA(AR)
2208	1F (B)
2209	SA(B)
2210	SA(B)*
2211	1A(BR)
2301	1C(AR)+*
2302	1A(B)+*
2303	2A(B)
2304	1A(B)
2305	1A(BR)
2306	1C(A)
2307	SA(AR)
2308	1A(B)+
2309	SA(B)
2310	SA(B)*
2311	1A(BR)

UNIT TYPE SCHEDULE BY NUMBER

UNIT NR:	TYPE
3101	1A(B)*
3102	2A(B)
3103	1A(BR)
3104	1C(A)
3105	1A(BR)
3106	SA(BR)
3107	SA(B)
3108	1A(B)*
3109	SA(BR)
3110	1A(BR)
3111	1C(A)
3112	1C(B)*
3113	1A(B)*
3201	1A(B)*
3202	2A(B)
3203	1A(BR)
3204	1C(A)
3205	1G(B)
3206	SA(BR)
3207	SA(B)
3208	1A(B)*
3209	SA(BR)
3210	1A(BR)
3211	1C(A)
3212	1C(B)*
3213	1A(B)*
3301	1A(B)**
3302	2A(B)*
3303	1A(BR)
3304	1C(A)
3305	1A(BR)
3306	SA(BR)
3307	SA(B)
3308	1A(B)*
3309	SA(BR)
3310	1A(BR)
3311	1C(A)
3312	1C(A)*

UNIT TYPE SCHEDULE BY NUMBER

UNIT NR:	TYPE
3313	1A(B)*
5101	SC (A)
5102	1D (A.R)
5103	1D (A)
5104	1D (A.R)
5105	1D (A)
5106	2B (A)
5107	1D (A)
5108	1D (A.R)
5109	SB (A)
5110	1D (A)
5111	1D (A.R)
5112	SB (A.R)
5113	2B (A)
5114	1D (A)
5201	SC (A)
5202	1D (A.R)
5203	1D (A)
5204	1D (A.R)
5205	1D (A)
5206	2B (A)
5207	1D (A)
5208	1D (A.R)
5209	SB (A)
5210	1D (A)
5211	1D (A.R)
5212	SB (A.R)
5213	2B (A)
5214	1D (A)
5301	SC (A)
5302	1D (A.R)
5303	1D (A)
5304	1D (A.R)
5305	1D (A)
5306	2B (A)
5307	1D (A)
5308	1D (A.R)
5309	SB (A)
5310	1D (A)
5311	1D (A.R)
5312	SB (A.R)
5313	2B (A)

UNIT TYPE SCHEDULE BY NUMBER

UNIT NR:	TYPE
5314	1D (A)
6101	1E (A)
6102	1E (A.R)
6103	1E (A)
6104	1E (A.R)
6105	1E (A)
6106	2C (A)
6201	1E (A)
6202	1E (A.R)
6203	1E (A)
6204	1E (A.R)
6205	1E (A)
6206	2C (A)
6301	1E (A)
6302	1E (A.R)
6303	1E (A)
6304	1E (A.R)
6305	1E (A)
6306	2C (A)

Grand total: 330

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE
PHASE 1 UNIT ORIENTATION

ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
1929	SK	PB

CS1.6

10/29/2020 9:15:18 PM C:\Users\pbahn\Documents\1929_StehliSilkMillCentralModel_pbahn.rvt

STEHLI SILK MILL FINISH SELECTIONS

ITEM / LOCATION	SELECTION	BALL IN COURT	PRECEDENT **Track all existing details and source, track with italics and strikeout if superseded**
04 00 00 - STONE ASSEMBLIES			
Residential Unit Kitchen Countertops	Black granite - selected by Client	AE	20191024 Unit Review: Granite countertops. 20191205 Precedent Pictures. 20200527 Precedent Pictures. *20200723: AE Recommendation* 20200825: Client rejected, black granite
Residential Unit Bathroom Countertops	Black granite - selected by Client	AE	20191024 Unit Review: Granite countertops. 20200527 Precedent Pictures. *20200723: AE Recommendation* 20200825: Client rejected, black granite
Common Area Kitchen Countertops	Black granite - selected by Client	AE	20191024 Unit Review: Granite countertops. 20200527 Precedent Pictures. *20200723: AE Recommendation* 20200825: Client rejected, black granite
Common Area Bathroom Countertops	Black granite - selected by Client	AE	20191024 Unit Review: Granite countertops. 20200527 Precedent Pictures. *20200723: AE Recommendation* 20200825: Client rejected, black granite
06 22 00 - MILLWORK			
Residential Unit Base Trim	1x5 flat stock	AE / PB	20200715: AE Recommendation 20200825: Client rejected, no reveal
Common Area Base Trim	*Provide wood base with dark (black or gunmetal) paint. OK if color is TBD.* 1x5 flat stock	AE / PB	20200715: AE Recommendation 20200825: Client rejected, no reveal
07 46 00 - SIDING			
Decorative metal siding	DMI Metals Flat-Lock (FLPA) Metal Panels, color Leaf Green	PB	20190211 Project Review: Metal siding to match flat seamed fire doors. 20200616 Client review. Dark green color.
08 10 00, 09 54 00 - PAINT and FINISH			
Residential Unit Paint 1 (wall)	SW Kinetic Khaki	AE	20200805: AE Recommendation 20200826: Per Larry's email
Residential Unit Paint 1 (ceiling)	White	AE	20200805: AE Recommendation 20200826: Per Larry's email
Residential Unit Paint 2 (wall)	SW Kinetic Khaki	AE	20200805: AE Recommendation 20200826: Per Larry's email
Residential Unit Paint 2 (ceiling)	White	AE	20200805: AE Recommendation 20200826: Per Larry's email
Residential Unit Paint 3 (wall)	SW Kinetic Khaki	AE	20200805: AE Recommendation 20200826: Per Larry's email
Residential Unit Paint 3 (ceiling)	White	AE	20200805: AE Recommendation 20200826: Per Larry's email
Interior Door Faces	SW Kinetic Khaki	AE	20200805: AE Recommendation 20200826: Per Larry's email
Interior Face of Windows	SW Kinetic Khaki	AE	20200805: AE Recommendation 20200826: Per Larry's email
Exposed Floor Support Beams	Exposed Wood	AE	20200805: AE Recommendation 20200826: Per Larry's email
Exposed Floor Decking Underside	Exposed	AE	20200805: AE Recommendation 20200826: Per Larry's email
08 70 00 - HARDWARE			
Window Hardware	US10B finish	PB	
Interior Door Hardware (kickplates, hinges, closers, handles, etc.)	FINISH, Lever Style, Pulls... *Smart standard hardware OK as proposed.* Schlage - Custom Northbrook Lever with Upland Trim, Satin Nickel; 4: Square Hinge, Satin Nickel Entry doors - ADD Schlage - Single Cylinder Deadbolt with Collins Trim, Satin Nickel	AE	20191024 Unit Review: Minimize/eliminate hardware wherever possible. 20200527 Precedent Pictures. *20200707: Direction from client.* 20200717: AE Recommendation 20200825: Client changed finish; all unit entry doors to include seals, thresholds, sweeps, closers, gaskets to ensure ideal acoustical performance
Exterior Door Hardware (kickplates, hinges, closers, handles, etc.)	FINISH, Lever Style, Pulls... *Smart standard hardware OK as proposed.* *US10B finish*	Per window/door manu	*20200707: Direction from client.*
08 11 00 - METAL DOORS AND FRAMES			
All Doors	Hollow metal w/ rediframe. Door to be unprimed galvanized - insulated. Allowed to patina, or will apply clear coat. *TRUDOOR - Flush Door*	AE	20200707: Direction from client. *20200717: AE Recommendation* 20200825: Client rejected, flush door
Barn doors within residential units	Client to purchase and provide	AE	20200707: Direction from client. *20200715: AE Recommendation* 20200826: Per Larry's email
Door frames (including interior unit doors and common areas)	Rediframes throughout. *Rediflex Adjustable*	AE	20200707: Direction from client. *20200717: AE Recommendation* 20200825: Basis of Design Intent
09 30 00 - TILE			
Residential Unit Kitchen Backsplash	Lungarno, Carrollton, White Gloss, 4x12, brick pattern	AE	20191024 Unit Review: Swanstone used here too (to match at bathrooms)? Backsplash rises to encompass extent of shelves. *20200805: AE Recommendation* 20200826: Per Larry's email, they want tile
Common Area Kitchen Backsplash	Lungarno, Carrollton, White Gloss, 4x12, brick pattern	AE	20191024 Unit Review: Swanstone used here too (to match at bathrooms)? Backsplash rises to encompass extent of shelves. 20200805: AE Recommendation 20200826: Per Larry's email, they want tile
Residential Unit Bathroom Floor	Karndean Looselay LLP305 Reclaimed Heart Pine	AE	20200527 Precedent Pictures.
Residential Unit Bathroom Shower	*Swanstone subway tile panels acceptable - preferred in pieces as opposed to drop in (hard to handle and distribute).* Swanstone, Subway Tile, White (010)	AE	20191024 Unit Review: Swanstone 'subway tile' insets at showers. *20200707: Direction from client.* 20200805: AE Recommendation 20200825: Basis of Design Intent
Common Area Bathroom Floor	*Swanstone pans seems expensive - we request Century select a more affordable and compatible white pan.* **Coordinate so it ties in well with our shower wall tile.** Sealed concrete, Ameripolish Concrete Sealant	~~AE~~ *BY CENTURY*	20200527 Precedent Pictures. *20200707: Direction from client.*
Common Area Bathroom Shower	*Swanstone, Subway Tile, White (010)*	AE	20191024 Unit Review: Swanstone 'subway tile' insets at showers. 20200527 Precedent Pictures. *20200805: AE Recommendation* 20200825: Basis of Design Intent

STEHLI SILK MILL FINISH SELECTIONS

ITEM / LOCATION	SELECTION	BALL IN COURT	PRECEDENT **Track all existing details and source, track with italics and strikeout if superseded**
09 61 00, 09 64 00, 09 68 00 - FLOORING			
Residential Unit Main	Karndean Looselay LLP305 Reclaimed Heart Pine	AE / PB	20191024 Unit Review: Polished concrete. Alt: "wood" LVT.
Residential Unit Bathroom Floor	Tile *Karndean Looselay LLP305 Reclaimed Heart Pine*	AE / PB	20200527 Precedent Pictures.
Common Area Corridor Floor	Refinished Existing Wood	AE / PB	
Interior Existing Concrete	Sealant	AE / PB	
Walk-Off Matt	Shaw, Portal Tile, 5T035, Black Chocolate, 34751, Monolithic Installation	AE	20200819: AE Recommendation 20200825: Basis of Design Intent
10 28 00 - BATHROOM ACCESSORIES			
Residential Unit Glass Shower Doors	*Must be framless.* Check 20200527 Precedent pictures. *Cardinal TruFit Series*	AE	*20200707: Direction from client.* 20200527 Precedent Pictures. *20200813: Client Selection*
Residential Unit Towel Bars	*Allied Brass - Pipeline Collection, Satin Nickel* *SKU: P-200-18-TB-SN*	AE	20200527 Precedent Pictures. *20200723: AE Recommendation* 20200825: Basis of Design Intent
Residential Unit Mirrors	Usher Wood Framed Cottage Accent Mirror	AE	20200805: AE Recommendation 20200825: Basis of Design Intent
Residential Unit Grab Bars	*Allied Brass - Pipeline Collection, Satin Nickel*	AE	20200527 Precedent Pictures. 20200723: AE Recommendation 20200825: Basis of Design Intent
Common Area Towel Bars	*Show on plan for blocking purposes, but note as to be provided by owner.* Allied Brass - Pipeline Collection, Satin	AE	*20200707: Direction from client.* 20200723: AE Recommendation 20200825: Basis of Design Intent
Common Area Mirrors	*Show on plan for blocking purposes, but note as to be provided by owner.* Allied Brass - Pipeline Collection, Satin Nickel	AE	*20200707: Direction from client.* *20200723: AE Recommendation* 20200825: Basis of Design Intent
Common Area Grab Bars	*Show on plan for blocking purposes, but note as to be provided by owner.* Allied Brass - Pipeline Collection, Satin Nickel	AE	*20200707: Direction from client.* *20200723: AE Recommendation* *20200825: Basis of Design Intent*
10 50 00 - STORAGE SPECIALTIES			
Lockers	Finish/color:_____ *Storage will be via shelves or other furnishing/cube by owner.* *Standard Amazon Lockers, final size and door layout TBD*	AE	20200527 Precedent Pictures. *20200707: Direction from client; Basis of Design Intent*
11 30 00 - RESIDENTIAL EQUIPMENT (INCLUDING HERE FOR MANAGEMENT OFFICE KITCHENETTE AS WELL)			
Residential Kitchen Appliances	Stainless. No water hookup for refrigerators. GE *Dishwasher: GDT530PSPSS* *Refrigerator: GTS17GSNRSS* *Hood: JVW5301SJSS* *Range: JBS60RKSS*	AE	20191024 Unit Review: Provide hood over range with exhaust. 20191205 Precedent Pictures. *20200527* Precedent Pictures. *20200727: AE Recommendation* 20200825: Client rejected, $3,500-4,000 for all 4 appliances; new recommendations 20200826: Basis of Design Intent
Residential Laundry Appliances	Stainless *LG*: WM3499HVA	AE	20191024 Unit Review: Stack these units wherever possible. Ventless. *20200727: AE Recommendation*
Commercial Laundry Appliances	*WhirlPool: CHW9150GW; CED9150GW*	AE	*20200727: AE Recommendation* 20200825: Basis of Design Intent
12 20 00 - WINDOW TREATMENTS			
Residential Unit Window Treatments	Shades at minimum. Provide rod and brackets. *Levolor: Cellular Shades, Light Filtering ES, Light Gray - 19E70343*	AE	*20200805: AE Recommendation* 20200825: Basis of Design Intent
Common Area Window Treatments	Levolor: Cellular Shades, Light Filtering ES, Light Gray - 19E70343	AE	20200805: AE Recommendation *20200825: Basis of Design Intent*
12 30 00, CABINETRY			
Residential Unit Kitchen Cabinetry	*Aristokraft, Ellis, PureStyle, White*	AE / PB	20191024 Unit Review: Minimize cabinetry as much as possible to maximize open space. Focus on open shelving. 20191205 Unit Review: Provide open cab for microwave. 20191205 Precedent Pictures. 20200527 Precedent Pictures. *20200727: AE Recommendation* 20200825: Basis of Design Intent
Residential Unit Shelves	Slab w/ metal straps (inspiration picture)	AE / PB	20200825: Basis of Design Intent
Common Area Kitchen Cabinetry	*Aristokraft, Ellis, PureStyle, White*	AE / PB	*20200727: AE Recommendation* 20200825: Basis of Design Intent
Residential Unit Bathroom Cabinetry	*Aristokraft, Ellis, PureStyle, White*	AE / PB	20200527 Precedent Pictures. *20200727: AE Recommendation* 20200825: Basis of Design Intent
Common Area Bathroom Cabinetry	*Aristokraft, Ellis, PureStyle, White*	AE / PB	*20200727: AE Recommendation* 20200825: Basis of Design Intent
Hardware	*Martell Hardware, Elements, Stanton Series, Satin Nickel Finish*	AE	*20200825: Basis of Design Intent*
12 90 00 - OTHER FURNISHINGS			
Bicycle Racks			
Trash and Litter		BY RETTEW	
Manufactured Planters		BY RETTEW	
Site Seating and Tables		BY RETTEW	
13 10 00 - SPECIAL FACILITY COMPONENTS			
Exterior Fountains		BY RETTEW	
14 20 00 - ELEVATOR FINISHES			
Wall Finish	Raised Steel -- Rigidized Stainless Steel	AE	20200819: Client Selection
Handrail	Flat Handrail - Satin Stainless Steel	AE	20200819: AE Recommendation 20200825: Basis of Design Intent
Ceiling	6-LED Drop Ceiling - Stainless Steel	AE	20200819: AE Recommendation 20200825: Basis of Design Intent
Door Type	Center Opening - Satin Stainless	AE	20200819: AE Recommendation 20200825: Basis of Design Intent
Door Opening	Front Opening	AE	20200819: AE Recommendation 20200825: Basis of Design Intent
Car Fixtures	Fixtures - Luxury Swing	AE	20200819: AE Recommendation 20200825: Basis of Design Intent
Hall Fixture	Integrated in Frame - Hall Button and Position Indicator - Satin Stainless	AE	20200819: AE Recommendation 20200825: Basis of Design Intent
Entrance Finish	Steel - Satin Stainless Steel	AE	20200819: AE Recommendation 20200825: Basis of Design Intent

STEHLI SILK MILL FINISH SELECTIONS

ITEM / LOCATION	SELECTION	BALL IN COURT	PRECEDENT **Track all existing details and source, track with italics and strikeout if superseded**
22 40 00 - PLUMBING FIXTURES			
Residential Unit Kitchen Sink Faucets	Kohler - contractor grade.	BY CENTURY	20191205 Precedent Pictures. 20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Residential Unit Kitchen Sink Basins	Stainless.	BY CENTURY	20191024 Unit Review: Undercut sink. 20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Common Area Kitchen Sink Faucets	Kohler - contractor grade.	BY CENTURY	20191205 Precedent Pictures. 20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Common Area Kitchen Sink Basins	Stainless.	BY CENTURY	20191024 Unit Review: Undercut sink. 20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Residential Unit Bathroom Sink Faucets	Kohler - contractor grade.	BY CENTURY	20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Residential Unit Bathroom Sink Basins		BY CENTURY	20191024 Unit Review: Undercut sink. 20200527 Precedent Pictures.
Residential Unit Bathroom Shower Controls	Kohler - contractor grade.	BY CENTURY	20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Residential Unit Bathroom Shower Drains	Kohler - contractor grade.	BY CENTURY	20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Residential Unit Bathroom Toilets	Kohler - contractor grade.	BY CENTURY	20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Common Area Bathroom Sink Faucets		BY CENTURY	20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Common Area Bathroom Sink Basins		BY CENTURY	20191024 Unit Review: Undercut sink. 20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Common Area Bathroom Shower Controls	Kohler - contractor grade.	BY CENTURY	20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Common Area Bathroom Shower Drains	Kohler - contractor grade.	BY CENTURY	20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Common Area Bathroom Toilets	Kohler - contractor grade.	BY CENTURY	20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Common Area Bathroom Urinals	Kohler - contractor grade.	BY CENTURY	20200527 Precedent Pictures. 20200707_Client to provide precedent from RI.
Janitor Closet Sinks		BY CENTURY	
23 00 00 - HVAC			
Registers		BY CENTURY	
Diffusers		BY CENTURY	
Returns		BY CENTURY	
26 50 00 - LIGHTING FIXTURES			
Interior			
Corridor Unit Entry Sconce		BY CENTURY	
Corridor Main Fixture	*Pendants by Hi-Lite*	BY CENTURY	*20200707: Direction from client.*
Residential Unit Main (Living Room)	*Switched rough-in only.*	BY CENTURY	20200527 Precedent Pictures. *20200707: Direction from client.*
Residential Unit Kitchen Pendant	*Concerned kitchen configurations force too many goosenecks in certain conditions, will proceed with simple modern track lights as a better solution for wall lighting and possible island mobile piece. We cn also identify as owner provided if need be.*	BY CENTURY	20191127 Unit Review: Can be track light instead of pendants. 20191205 Precedent Pictures. *20200707: Direction from client.*
Residential Unit Bedroom Lighting	*Lamps served by switched receptacle.*	BY CENTURY	*20200707: Direction from client.*
Residential Unit Bathroom Sconce		BY CENTURY	
Residential Unit Bathroom Main		BY CENTURY	
Residential Unit Bathroom Fan		BY CENTURY	
Ceiling fans	*Provide rough-in only at living room and bedrooms. May offer as option - light or fan or fan/light combo.*	BY CENTURY	*20200707: Direction from client.*
Cafeteria Main Fixture		BY CENTURY	
Cafeteria Accent Fixture		BY CENTURY	
Cafeteria Pendant Fixture		BY CENTURY	
Tenant Services Main Fixture		BY CENTURY	
Tenant Services Accent Fixture 1		BY CENTURY	
Tenant Services Accent Fixture 2		BY CENTURY	
Tenant Services Pendant Fixture		BY CENTURY	
Utility Fixture 1		BY CENTURY	
Utility Fixture 2		BE CENTURY	
Exterior			
Main Sconce		BY CENTURY	20190211 Project Review: Cylindrical - to be mounted between first and second floor. Up and down light.
Accent Light 1		BY CENTURY	
Accent Light 2		BY CENTURY	
Small Stehli Silk Letters		BY CENTURY	
Large Stehli Silk Letters		BY CENTURY	
Walkway Lighting		BY CENTURY	
Parking Lot Lighting		BY CENTURY	
SPECIALTY and MISCELLANEOUS ITEMS			
Electrical Outlet Covers	Color: WHITE	BY CENTURY	20200709: Direction from client.
Light Switchplates	Color: WHITE	BE CENTURY	20200709: Direction from client.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

REVISIONS

KEY PLAN

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 E. Grant St.|Suite 102 |Lancaster, PA 17602 |717.393.3713|www.hammelarch.com

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATION PHASE I
619-629 MARTHA AVE
LANCASTER 17602

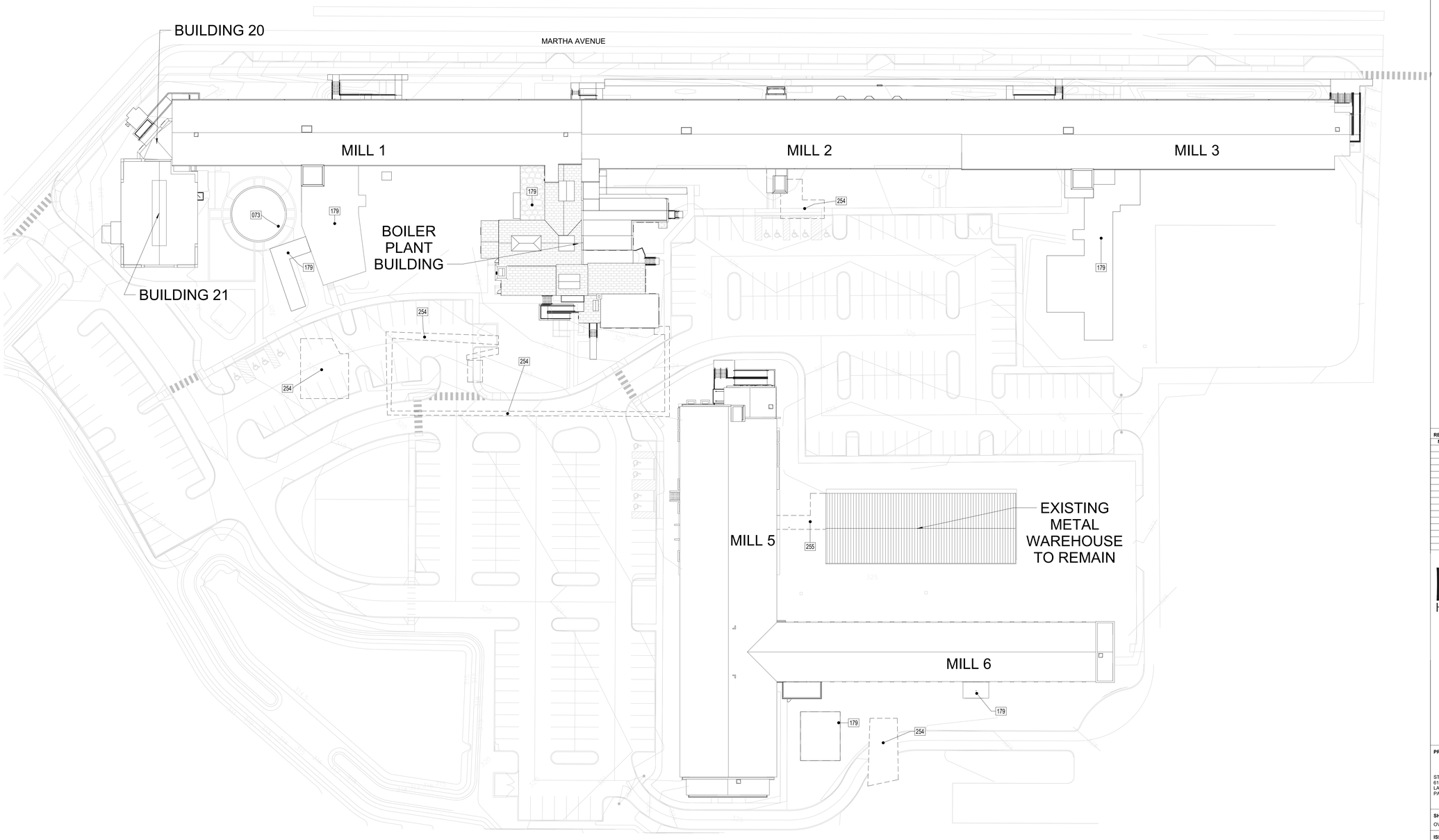
SHEET TITLE FINISH SCHEDULE

ISSUE DATE | SCALE AS NOTED

FILE NUMBER 1929 | DRAWN BY SK | CHECKED BY PB

CS1.7

KEYNOTE LEGEND	
Key Value	**Keynote Text**
073	EXISTING CISTERN TO BE REPAIRED AND REPURPOSED FOR STORAGE OF IRRIGATION WATER (NON POTABLE), BY CONTRACTOR.
179	APPROXIMATE EXTENTS OF EXISTING SITE CONCRETE TO REMAIN, REPAIR AS NECESSARY, BY CONTRACTOR. REFER TO CIVIL DOCUMENTS.
254	APPROXIMATE EXTENTS OF EXISTING SITE CONCRETE TO BE REMOVED, BY CONTRACTOR. REVER TO CIVIL DOCUMENTS.
255	EXISTING CONNECTION POINT BETWEEN MILL 5 AND EXISTING METAL WAREHOUSE TO BE DEMOLISHED. INFILL NEWLY CREATED HOLE AT EXISTING METAL WAREHOUSE TO REMAIN, BY CONTRACTOR. THAT IS NOT IN THIS PROJECT SCOPE.



1 CS1.8 OVERALL SITE KEY PLAN
1/32" = 1'-0"

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

GENERAL NOTES FOR OVERALL SITE PLAN

1. LOCATIONS OF EXISTING ELEMENTS THROUGHOUT SITE ARE APPROXIMATE, VIF.
2. REFER TO CIVIL ENGINEERING DOCUMENTS SEPARATELY FOR SITE.

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

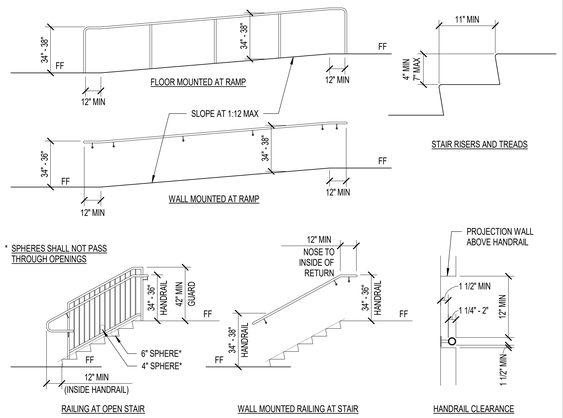
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE
OVERALL SITE KEY PLAN

ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
1929	KH	PB

CS1.8

10/29/2020 1:00:09 AM C:\Users\pbahn\Documents\1929_StehliSilkMillCentralMode(_pbahn.rvt



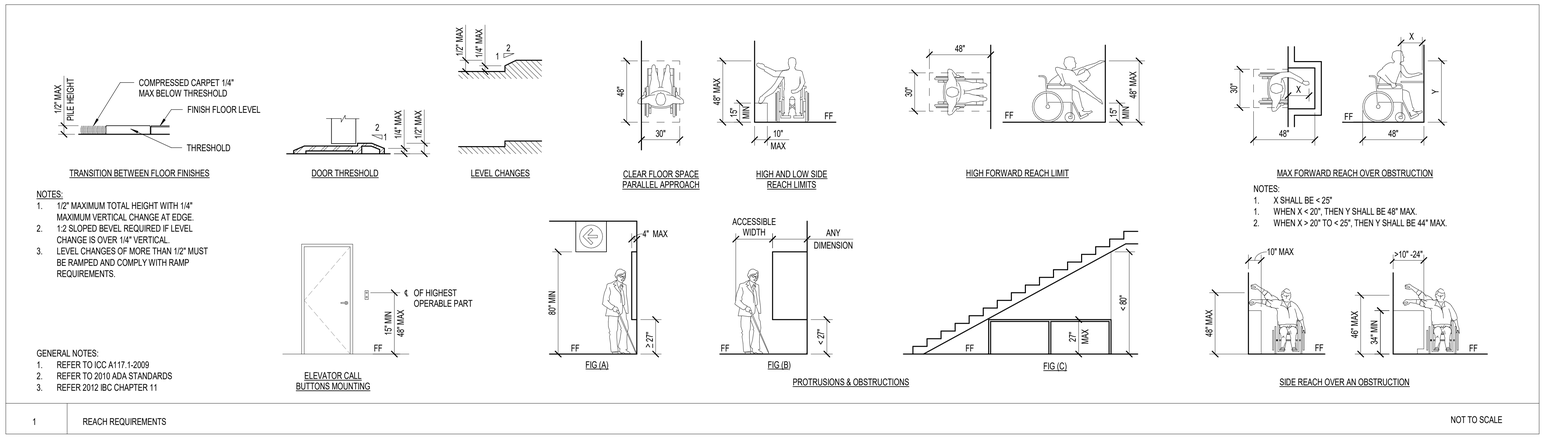
RAILING AT OPEN STAIR | WALL MOUNTED RAILING AT STAIR | HANDRAIL CLEARANCE

NOTE: THIS DRAWING IS FOR DIMENSIONS ONLY. SEE ARCH DRAWINGS FOR DESIGN INFORMATION.

4 STAIR AND RAMP — NOT TO SCALE

PROPORTIONS FOR INTERNATIONAL SYMBOLS FOR ACCESSIBILITY | RAISED SYMBOL

4 SYMBOLS — NOT TO SCALE



TRANSITION BETWEEN FLOOR FINISHES | DOOR THRESHOLD | LEVEL CHANGES | CLEAR FLOOR SPACE PARALLEL APPROACH | HIGH AND LOW SIDE REACH LIMITS | HIGH FORWARD REACH LIMIT | MAX FORWARD REACH OVER OBSTRUCTION

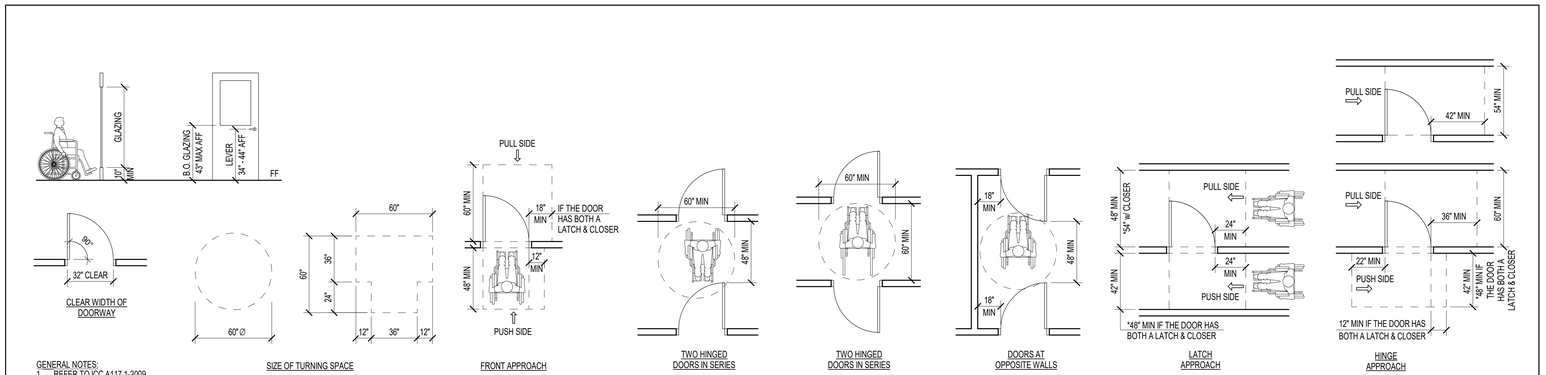
NOTES:
1. 1/2" MAXIMUM TOTAL HEIGHT WITH 1/4" MAXIMUM VERTICAL CHANGE AT EDGE.
2. 1:2 SLOPED BEVEL REQUIRED IF LEVEL CHANGE IS OVER 1/4" VERTICAL.
3. LEVEL CHANGES OF MORE THAN 1/2" MUST BE RAMPED AND COMPLY WITH RAMP REQUIREMENTS.

NOTES:
1. X SHALL BE < 25"
1. WHEN X < 20", THEN Y SHALL BE 48" MAX.
2. WHEN X > 20" TO < 25", THEN Y SHALL BE 44" MAX.

ELEVATOR CALL BUTTONS MOUNTING | FIG (A) | FIG (B) | FIG (C) | PROTRUSIONS & OBSTRUCTIONS | SIDE REACH OVER AN OBSTRUCTION

GENERAL NOTES:
1. REFER TO ICC A117.1-2009
2. REFER TO 2010 ADA STANDARDS
3. REFER 2012 IBC CHAPTER 11

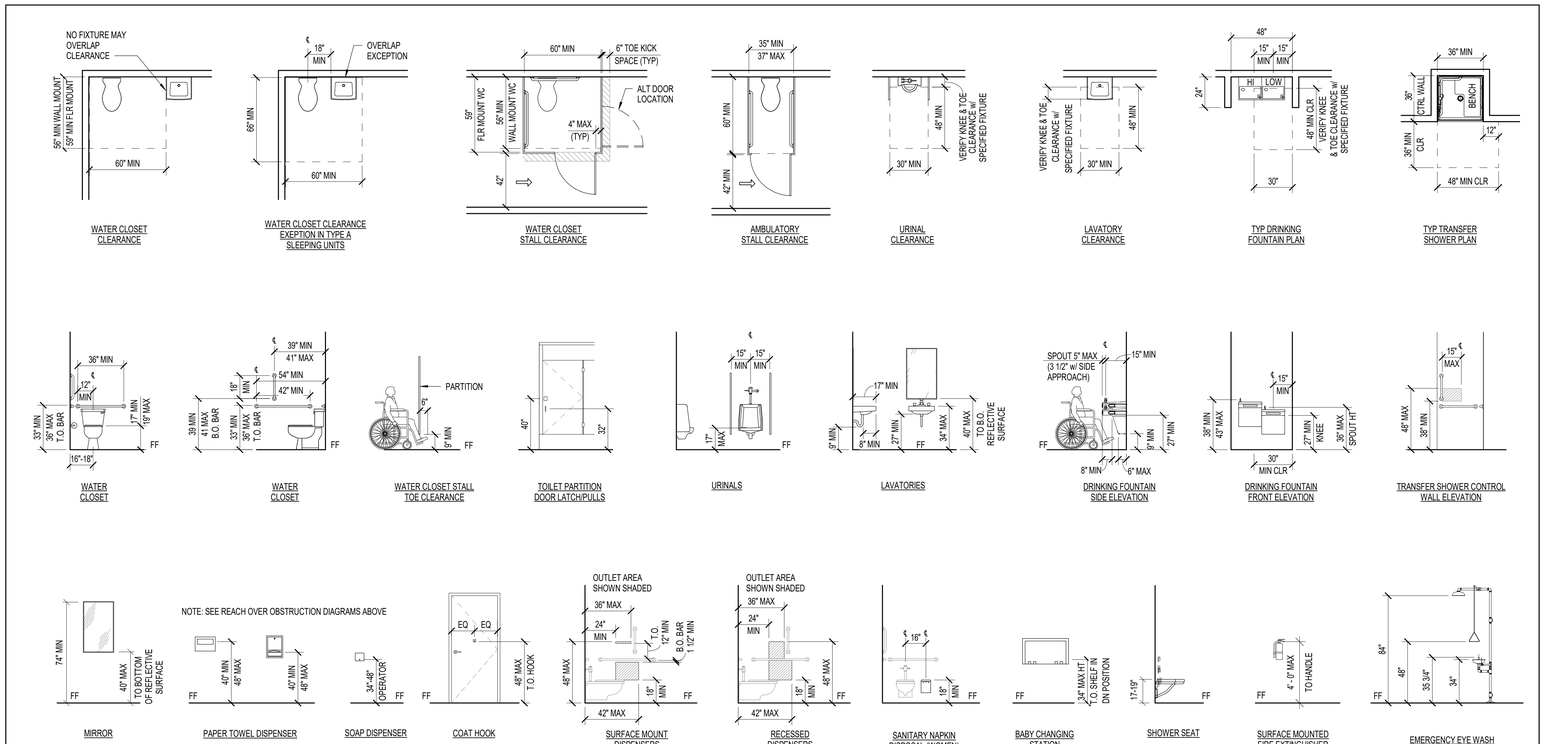
1 REACH REQUIREMENTS — NOT TO SCALE



CLEAR WIDTH OF DOORWAY | SIZE OF TURNING SPACE | FRONT APPROACH | TWO HINGED DOORS IN SERIES | TWO HINGED DOORS IN SERIES | DOORS AT OPPOSITE WALLS | LATCH APPROACH | HINGE APPROACH

GENERAL NOTES:
1. REFER TO ICC A117.1-2009
2. REFER TO 2010 ADA STANDARDS
3. REFER 2012 IBC CHAPTER 11

2 REQUIRED DOOR CLEARANCES — NOT TO SCALE



MIRROR | PAPER TOWEL DISPENSER | SOAP DISPENSER | COAT HOOK | SURFACE MOUNT DISPENSERS | RECESSED DISPENSERS | SANITARY NAPKIN DISPOSAL (WOMEN) | BABY CHANGING STATION | SHOWER SEAT | SURFACE MOUNTED FIRE EXTINGUISHER | EMERGENCY EYE WASH & SHOWER STATION

GENERAL NOTES:
1. REFER TO ICC A117.1-2009
2. REFER TO 2010 ADA STANDARDS
3. REFER 2015 IBC CHAPTER 11

3 FIXTURE CLEARANCES & HEIGHTS — NOT TO SCALE

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

NOTES:

DIAGRAMS ON THIS SHEET ARE FOR REFERENCE ONLY. ALL POSSIBLE CONDITIONS OR CONFIGURATIONS ARE NOT REPRESENTED. REFER TO ANSI A117.1-2009 FOR THE COMPREHENSIVE ACCESSIBILTY CODE. ALL WORK SHALL COMPLY WITH 2015 INTERNATIONAL EXISTING BUILDING CODE, 2015 IBC CHAPTER 11 AND APPENDIX E, ANSI A117.1-2009, AND ANY REFERENCED STANDARDS, AS WELL AS ALL LOCAL CODES.

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

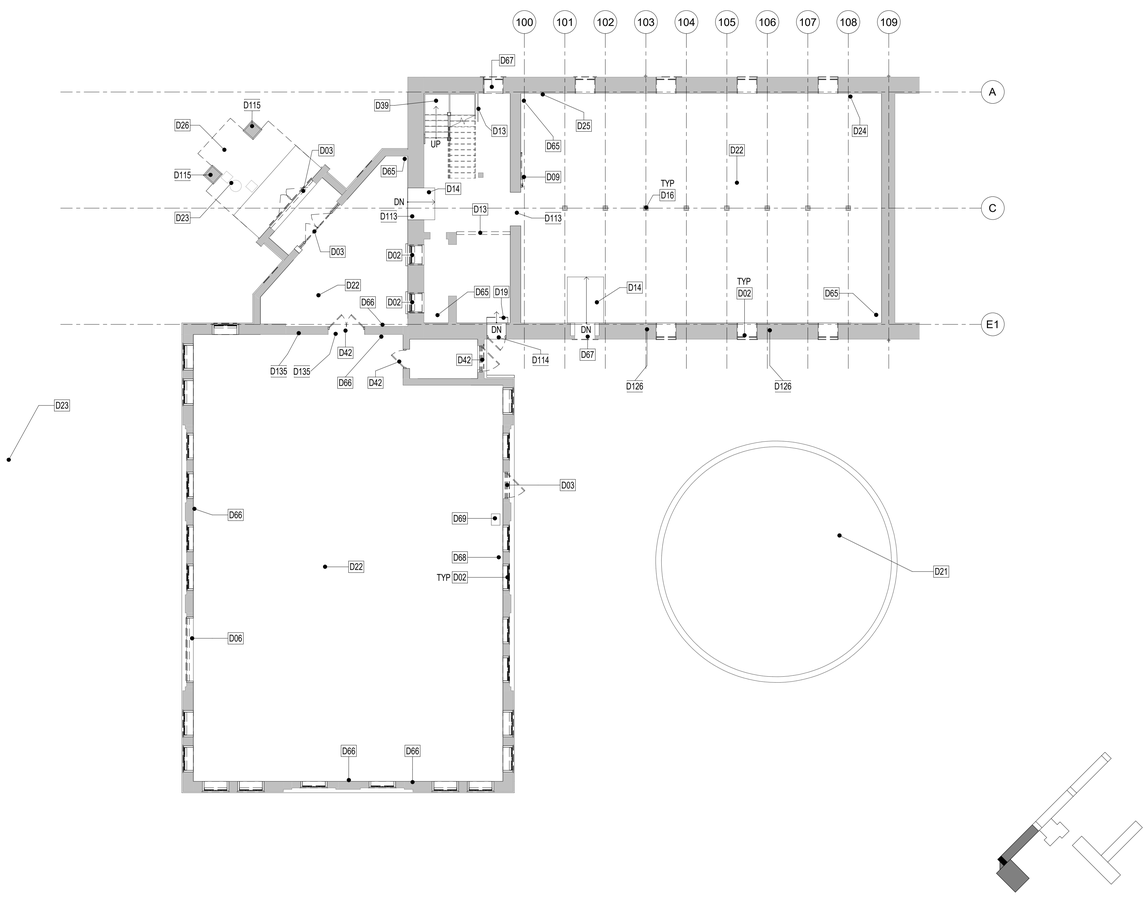
SHEET TITLE
ADA ACCESSIBILITY DIAGRAMS & SYMBOLS

ISSUE DATE	SCALE	
.	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
1929	Author	Checker

G1.1

10/29/2020 1:03:54 AM C:\Users\pahm\Documents\1929_StehliSilkMillCentralModel_pahm.rvt

KEYNOTE LEGEND	
Key Value	**Keynote Text**
D02	REMOVE EXISTING WINDOW AND PREPARE OPENING FOR NEW WINDOW INSTALLATION, BY CONTRACTOR. REFER TO PROPOSED DETAILS.
D03	EXISTING DOOR TO BE RESTORED AND REPAIRED, BY CONTRACTOR.
D06	REMOVE EXISTING OVERHEAD DOOR WITH ADJACANT FRAME AND ANY APPURTENANCES, BY CONTRACTOR. PREPARE OPENING FOR NEW OVERHEAD DOOR, REFER TO PROPOSED DETAILS.
D09	EXISTING SLIDING FIRE DOOR TO BE CAREFULLY REMOVED, TEMPORARILY STORED AND SALVAGED TO BE REUSED INCLUDING ALL HARDWARE AND PARTS, ALL BY CONTRACTOR.
D13	EXISTING WALL TO BE REMOVED, BY CONTRACTOR.
D14	EXISTING RAMP TO REMAIN.
D16	EXISTING WD COLUMN TO REMAIN. SEE STRUCTURAL DRAWINGS FOR REPAIRS.
D19	EXISTING STAIR TREADS TO BE REMOVED, BY CONTRACTOR.
D21	CLEAN AND REPAIR EXISTING CISTERN FOR NON-POTABLE REUSE, BY CONTRACTOR.
D22	CONCRETE FLOORING TO BE CLEANED AND BE PREPARED TO BE SEALED, BY CONTRACTOR.
D23	SEE CIVIL DRAWINGS FOR DEMOLITION AND ALTERATION OF EXISTING SITE COMPONENTS.
D24	PREPARE FOR NEW ELECTRIC UTILITY ENTRY, BY CONTRACTOR, AS INDICATED ON ELECTRICAL DRAWINGS.
D25	PREPARE FOR NEW WATER UTILITY ENTRY, BY CONTRACTOR, AS INDICATED ON PLUMBING DRAWINGS.
D26	CONTRACTOR TO REMOVE EXISTING PAVING AND PREPARE FOR NEW SITEWORK AS INDICATED ON CIVIL DRAWINGS.
D39	EXISTING STAIR TO BE CLEANED AND PREPARED FOR NEW PAINT OR FINISH, BY CONTRACTOR.
D42	EXISTING DOOR TO BE REMOVED, BY CONTRACTOR. PREPARE OPENING FOR NEW DOOR/WINDOW, REFER TO PROPOSED DETAILS.
D65	EXISTING PIPING TO BE REMOVED, BY CONTRACTOR.
D66	EXISTING ELECTRICAL TO BE REMOVED, BY CONTRACTOR.
D67	CONTRACTOR TO ENLARGE EXISTING WINDOW OPENING TO CREATE NEW DOOR ENTRY, REFER TO PROPOSED DETAILS.
D68	EXISTING PIPING TO REMAIN AND BE CAPPED, BY CONTRACTOR. CAP PIPING TO MAKE AS DISCRETE AS POSSIBLE. PAINT TO MATCH EXISTING PIPING.
D69	CONTRACTOR TO PREPARE EXISTING HOLE IN FLOOR TO BE INFILLED TO MATCH ADJACENT.
D113	EXISTING OPENING TO REMAIN.
D114	EXISTING DOOR TO BE REMOVED, BY CONTRACTOR, AND REPLACED WITH INFILL TO MATCH EXISTING. REFER TO PROPOSED PLANS.
D115	CONTRACTOR TO PREPARE EXISTING COLUMNS TO BE REFURBISHED.
D126	CONTRACTOR TO PREPARE FOR NEW MECHANICAL OPENING, REFER TO PROPOSED MECHANICAL DOCUMENTS.
D135	CONTRACTOR TO PREPARE EXISTING INSET EXPOSED CMU BLOCK INFILL FOR ADDITION OF NEW BRICK.



1 DA1.01 BASEMENT MILL 1 & BUILDING 21 DEMOLITION & ALTERATION PLAN
3/32" = 1'-0"

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

DEMOLITION & ALTERATION LEGEND

- EXISTING WALL TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXIST DOOR TO REMAIN
- EXIST DOOR TO BE FURBISHED / REMOVED. SEE KEYNOTES FOR MORE INFORMATION
- NOTE APPLIES TO CEILING
- # DEMOLITION / ALTERATION KEYNOTE
- NOTE APPLIES TO FLOOR

GENERAL DEMOLITION & ALTERATION NOTES

1. ALL DIMENSIONS ARE APPROXIMATE. VERIFY DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO SUBMITTING BID AND COMMENCING START OF WORK.
2. ALL DAMAGED, CRACKED, DELAMINATED, LOOSE OR OTHERWISE FAILING BRICK TO BE REMOVED IN PREPARATION FOR REPLACEMENT WITH NEW BRICK AND MORTAR TO MATCH EXISTING.
3. ALL STONE FOUNDATION WORK TO REMAIN. PATCH AND MORTAR AS REQUIRED TO MATCH EXISTING.
4. ALL CRACKED/DAMAGED EXISTING CONCRETE TO BE PATCHED AS REQUIRED TO BE MADE WATERPROOF/MATCH EXISTING.
5. ALL EXISTING ROOFING TO REMAIN. AREAS REQUIRING REPLACEMENT OR PATCHING ARE TO MATCH EXISTING.
6. ALL EXISTING STAR BOLTS AND METAL ROOF BEAM TIES ARE TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON METAL STAR BOLTS OR ROOF BEAM TIES. NOTIFY ARCHITECT IMMEDIATELY IF INDIVIDUAL CONDITIONS NEED REHABILITATION OR REPAIR.
7. IT IS THE INTENT OF THIS PROJECT THAT ALL EXISTING HISTORIC WOOD WINDOWS DOORS, TRANSOMS AND SIDELIGHTS ARE TO BE RESTORED AND REPAIRED IN ACCORDANCE WITH THE GUIDELINES PROVIDED IN THESE DOCUMENTS. SUBCONTRACTORS RELATED TO THIS SCOPE SHALL SURVEY AND REVIEW ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. COST PROPOSALS MUST INCLUDE DOCUMENTATION OF EXISTING CONDITIONS AND PROPOSED SCOPE OF REHABILITATION OF EACH OPENING. IF ANY OPENING IS REASONABLY BEYOND REPAIR AND REQUIRES REPLACEMENT, PROPOSALS SHALL STATE JUSTIFICATION FOR REPLACEMENT WITH THEIR COST PROPOSAL. EXISTING INTERIOR SYSTEM REMNANTS FOR OPERATING WINDOWS AT MONITORS TO REMAIN.
8. EXISTING COLUMNS TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON COLUMNS. COLUMNS OFF THEIR BASES TO BE RECENTERED. CRACKED COLUMNS WITH CROSS SECTION MISSING TO BE PATCHED WITH BONDO WOOD FILLER WITH MATCHING WOOD GRAIN. APPLY MATTE CLEAR COAT AROUND ALL COLUMNS ONCE ANY REQUIRED PATCHING IS COMPLETE.
9. ALL EXISTING BATHROOMS, PLUMBING FIXTURES AND PIPING TO BE REMOVED.
10. ANY PLUMBING, ELECTRICAL OR MECHANICAL EQUIPMENT SCHEDULE TO BE REMOVED THAT IS TIED INTO SYSTEMS THAT ARE TO REMAIN, ARE TO BE REMOVED AND TIED OFF IN A MANNER THAT ALLOWS FOR THE CONTINUOUS OPERATION OF THE SYSTEM AS INDICATED ON MEP DRAWINGS. ANY LOCATION WHERE EXISTING UTILITIES, CONDUIT OR PIPING ARE TO BE REMOVED IS TO BE PATCHED WITH MATERIAL TO MATCH EXISTING IN FINISH AND FIRE RATING. INFILL IN BRICK OR STONE WALLS WHICH CANNOT BE FILLED WITH BRICKS MUST BE FILLED WITH MORTAR TO MATCH EXISTING. ANY INFILL IN WOOD FRAMED CONSTRUCTION MUST MATCH EXISTING.
11. EXISTING OVERHEAD PIPING, CONDUIT, AND MECHANICAL EQUIPMENT TO BE REMOVED AT FIRE WALLS AND PATCHED TO MATCH ADJACENT ASSEMBLY.
12. EXISTING INTERIOR STAIRS TO REMAIN. CLEAN AND PREPARE FOR NEW FINISH. PATCH EXISTING PLASTER CEILINGS ABOVE STAIRS AS REQUIRED FOR CONTINUOUS FIRE RATING. IF EXISTING WINDOWS ARE BELOW EXISTING HANDRAILS, THESE AREAS ARE TO BE INFILLED WITH MATERIAL THAT WILL NOT ALLOW PASSAGE OF 4" SPHERE. FINAL FINISH MATERIAL TBD BY OWNER.

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

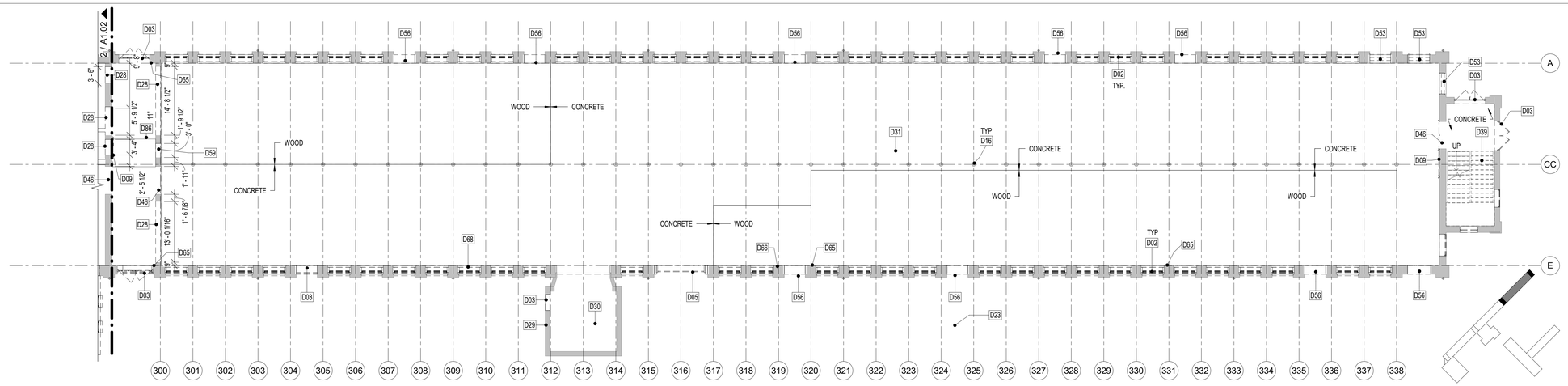
SHEET TITLE

DEMOLITION & ALTERATION PLAN BASEMENT MILL 1 & BUILDING 21

ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
1929	SK	PB

DA1.01

10/29/2020 1:00:14 AM C:\Users\pbahn\Documents\1929_StehliSilkMillCentralModel_pbahn.rvt



3 / DA1.02 FIRST FLOOR MILL 3 DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"

2 / DA1.02 FIRST FLOOR MILL 2 DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"

1 / DA1.02 FIRST FLOOR MILL 1 DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

DEMOLITION & ALTERATION LEGEND

- EXISTING WALL TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXIST DOOR TO REMAIN
- EXIST DOOR TO BE FURBISHED / REMOVED. SEE KEYNOTES FOR MORE INFORMATION
- NOTE APPLIES TO CEILING
- # DEMOLITION / ALTERATION KEYNOTE
- NOTE APPLIES TO FLOOR

GENERAL DEMOLITION & ALTERATION NOTES

1. ALL DIMENSIONS ARE APPROXIMATE. VERIFY DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO SUBMITTING BID AND COMMENCING START OF WORK.
2. ALL DAMAGED, CRACKED, DELAMINATED, LOOSE OR OTHERWISE FAILING BRICK TO BE REMOVED IN PREPARATION FOR REPLACEMENT WITH NEW BRICK AND MORTAR TO MATCH EXISTING.
3. ALL STONE FOUNDATION WORK TO REMAIN. PATCH AND MORTAR AS REQUIRED TO MATCH EXISTING.
4. ALL CRACKED/DAMAGED EXISTING CONCRETE TO BE PATCHED AS REQUIRED TO BE MADE WATERPROOF/MATCH EXISTING.
5. ALL EXISTING ROOFING TO REMAIN. AREAS REQUIRING REPLACEMENT OR PATCHING ARE TO MATCH EXISTING.
6. ALL EXISTING STAR BOLTS AND METAL ROOF BEAM TIES ARE TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON METAL STAR BOLTS OR ROOF BEAM TIES. NOTIFY ARCHITECT IMMEDIATELY IF INDIVIDUAL CONDITIONS NEED REHABILITATION OR REPAIR.
7. IT IS THE INTENT OF THIS PROJECT THAT ALL EXISTING HISTORIC WOOD WINDOWS DOORS, TRANSOMS AND SIDELIGHTS ARE TO BE RESTORED AND REPAIRED IN ACCORDANCE WITH THE GUIDELINES PROVIDED IN THESE DOCUMENTS. SUBCONTRACTORS RELATED TO THIS SCOPE SHALL SURVEY AND REVIEW ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. COST PROPOSALS MUST INCLUDE DOCUMENTATION OF EXISTING CONDITIONS AND PROPOSED SCOPE OF REHABILITATION OF EACH OPENING. IF ANY OPENING IS REASONABLY BEYOND REPAIR AND REQUIRES REPLACEMENT, PROPOSALS SHALL STATE JUSTIFICATION FOR REPLACEMENT WITH THEIR COST PROPOSAL. EXISTING INTERIOR SYSTEM REMNANTS FOR OPERATING WINDOWS AT MONITORS TO REMAIN.
8. EXISTING COLUMNS TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON COLUMNS. COLUMNS OFF THEIR BASES TO BE RECENTERED. CRACKED COLUMNS WITH CROSS SECTION MISSING TO BE PATCHED WITH BONDO WOOD FILLER WITH MATCHING WOOD GRAIN. APPLY MATTE CLEAR COAT AROUND ALL COLUMNS ONCE ANY REQUIRED PATCHING IS COMPLETE.
9. ALL EXISTING BATHROOMS, PLUMBING FIXTURES AND PIPING TO BE REMOVED.
10. ANY PLUMBING, ELECTRICAL OR MECHANICAL EQUIPMENT SCHEDULE TO BE REMOVED THAT IS TIED INTO SYSTEMS THAT ARE TO REMAIN, ARE TO BE REMOVED AND TIED OFF IN A MANNER THAT ALLOWS FOR THE CONTINUOUS OPERATION OF THE SYSTEM AS INDICATED ON MEP DRAWINGS. ANY LOCATION WHERE EXISTING UTILITIES, CONDUIT OR PIPING ARE TO BE REMOVED IS TO BE PATCHED WITH MATERIAL TO MATCH EXISTING IN FINISH AND FIRE RATING. INFILL IN BRICK OR STONE WALLS WHICH CANNOT BE FILLED WITH BRICKS MUST BE FILLED WITH MORTAR TO MATCH EXISTING. ANY INFILL IN WOOD FRAMED CONSTRUCTION MUST MATCH EXISTING.
11. EXISTING OVERHEAD PIPING, CONDUIT, AND MECHANICAL EQUIPMENT TO BE REMOVED AT FIRE WALLS AND PATCHED TO MATCH ADJACENT ASSEMBLY.
12. EXISTING INTERIOR STAIRS TO REMAIN. CLEAN AND PREPARE FOR NEW FINISH. PATCH EXISTING PLASTER CEILINGS ABOVE STAIRS AS REQUIRED FOR CONTINUOUS FIRE RATING. IF EXISTING WINDOWS ARE BELOW EXISTING HANDRAILS, THESE AREAS ARE TO BE INFILLED WITH MATERIAL THAT WILL NOT ALLOW PASSAGE OF 4" SPHERE. FINAL FINISH MATERIAL TBD BY OWNER.

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

KEYNOTE LEGEND

Key Value	Keynote Text
D02	REMOVE EXISTING WINDOW AND PREPARE OPENING FOR NEW WINDOW INSTALLATION, BY CONTRACTOR. REFER TO PROPOSED DETAILS.
D03	EXISTING DOOR TO BE RESTORED AND REPAIRED, BY CONTRACTOR.
D05	REMOVE EXISTING OVERHEAD DOOR AND FRAME, BY CONTRACTOR. PREPARE OPENING FOR NEW WINDOWS, REFER TO PROPOSED DETAILS.
D08	CONCRETE FLOORING TO BE CLEANED AND PREPARED FOR NEW CONCRETE TOPPING, BY CONTRACTOR.
D09	EXISTING SLIDING FIRE DOOR TO BE CAREFULLY REMOVED, TEMPORARILY STORED AND SALVAGED TO BE REUSED INCLUDING ALL HARDWARE AND PARTS, ALL BY CONTRACTOR.
D13	EXISTING WALL TO BE REMOVED, BY CONTRACTOR.
D16	EXISTING WD COLUMN TO REMAIN. SEE STRUCTURAL DRAWINGS FOR REPAIRS.
D23	SEE CIVIL DRAWINGS FOR DEMOLITION AND ALTERATION OF EXISTING SITE COMPONENTS.
D27	CONTRACTOR TO REMOVE EXISTING OVERHEAD DOOR AND FRAME. PREPARE FOR INFILL, REFER TO PROPOSED DETAILS.
D28	PORTION OF EXISTING WALL TO BE REMOVED, BY CONTRACTOR.
D29	CONTRACTOR TO PREPARE ALL EXTERIOR FACES OF EXISTING CMU BLOCK WALL TOWER FOR ADDITION OF EXTERIOR METAL VENEER SYSTEM, REFER TO PROPOSED DETAILS.

KEYNOTE LEGEND

Key Value	Keynote Text
D30	CONTRACTOR TO PREPARE EXISTING HOISTWAY FOR ADDITION OF NEW ELEVATOR PER ALL ELEVATOR MANUFACTURER REQUIREMENTS, AND FLOOR INFILL, REFER TO PROPOSED PLANS.
D31	EXISTING WOOD FLOOR. CONTRACTOR TO PREPARE TO RECEIVE 2"-3" MAX CONCRETE TOPPING, REFER TO PROPOSED DETAILS. CONTRACTOR TO REMOVE AND REPAIR LOOSE AND HAZARDOUS FINISH BOARDS AS NECESSARY.
D39	EXISTING STAIR TO BE CLEANED AND PREPARED FOR NEW PAINT OR FINISH, BY CONTRACTOR.
D42	EXISTING DOOR TO BE REMOVED, BY CONTRACTOR. PREPARE OPENING FOR NEW DOOR/WINDOW, REFER TO PROPOSED DETAILS.
D46	EXISTING OPENING. SEE PROPOSED PLANS FOR INFILL, BY CONTRACTOR.
D53	CONTRACTOR TO REMOVE EXISTING BLOCK INFILL AND PREPARE FOR NEW WINDOW TO BE ADDED, TO MATCH TYPICAL ADJACENT CONDITIONS. REFER TO PROPOSED WINDOW AND DOOR DETAILS.
D55	EXISTING STRUCTURE TO BE REMOVED IN ITS ENTIRETY, INCLUDING FOUNDATION WORK, BY CONTRACTOR.
D56	CONTRACTOR TO REMOVE EXISTING BRICK INFILL AND PREPARE FOR NEW WINDOW TO BE ADDED, TO MATCH TYPICAL ADJACENT CONDITIONS. REFER TO PROPOSED WINDOW AND DOOR DETAILS.

KEYNOTE LEGEND

Key Value	Keynote Text
D59	NEW OPENING TO BE ADDED TO EXISTING WALL, BY CONTRACTOR. MATCH HEIGHT TO PROPOSED ADJACENT OPENINGS.
D65	EXISTING PIPING TO BE REMOVED, BY CONTRACTOR.
D66	EXISTING ELECTRICAL TO BE REMOVED, BY CONTRACTOR.
D68	EXISTING PIPING TO REMAIN AND BE CAPPED, BY CONTRACTOR. CAP PIPING TO MAKE AS DISCRETE AS POSSIBLE. PAINT TO MATCH EXISTING PIPING.
D69	CONTRACTOR TO PREPARE EXISTING HOLE IN FLOOR TO BE INFILLED TO MATCH ADJACENT.
D70	CONTRACTOR TO PREPARE EXISTING HOLE IN WALL BELOW WINDOW TO BE TOOTH-INFILLED WITH BRICK TO MATCH EXISTING ADJACENT IN COLOR AND CONSTRUCTION.
D71	EXISTING INFILL TO REMAIN.
D72	EXISTING BATHROOM TO BE REMOVED IN ENTIRETY, BY CONTRACTOR. ALL UTILITIES ARE TO BE REMOVED AND ALL HOLES THROUGH ADJACENT CONSTRUCTION ARE TO BE PLUGGED TO MATCH IN FINISH AND FIRE RATING BY CONTRACTOR.
D73	CONTRACTOR TO PREPARE FOR NEW TOOTH-IN INFILL AT MISSING BRICK TO MATCH.
D79	EXISTING CONCRETE RAMP TO REMAIN.

KEYNOTE LEGEND

Key Value	Keynote Text
D81	EXISTING OPENING TO BE PREPARED FOR NEW WINDOWS, BY CONTRACTOR, TO MATCH ADJACENT. REFER TO PROPOSED WINDOW AND DOOR DETAILS.
D86	CONTRACTOR TO PREPARE FOR NEW SLOPED FLOOR, REFER TO PROPOSED PLANS.
D87	CONTRACTOR TO ENLARGE EXISTING DOOR OPENING AND PREPARE FOR NEW DOOR, REFER TO PROPOSED PLANS.
D90	EXISTING CONCRETE LOADING DOCK TO REMAIN. CONTRACTOR TO PREPARE FOR PATCHING AND REPAIR AS NECESSARY.
D113	EXISTING OPENING TO REMAIN.
D116	EXISTING SLIDING FIRE DOOR TO REMAIN. PREPARE TO REFURBISH AND BE MADE INOPERABLE, BY CONTRACTOR, REFER TO PROPOSED PLANS.

PROJECT DESCRIPTION

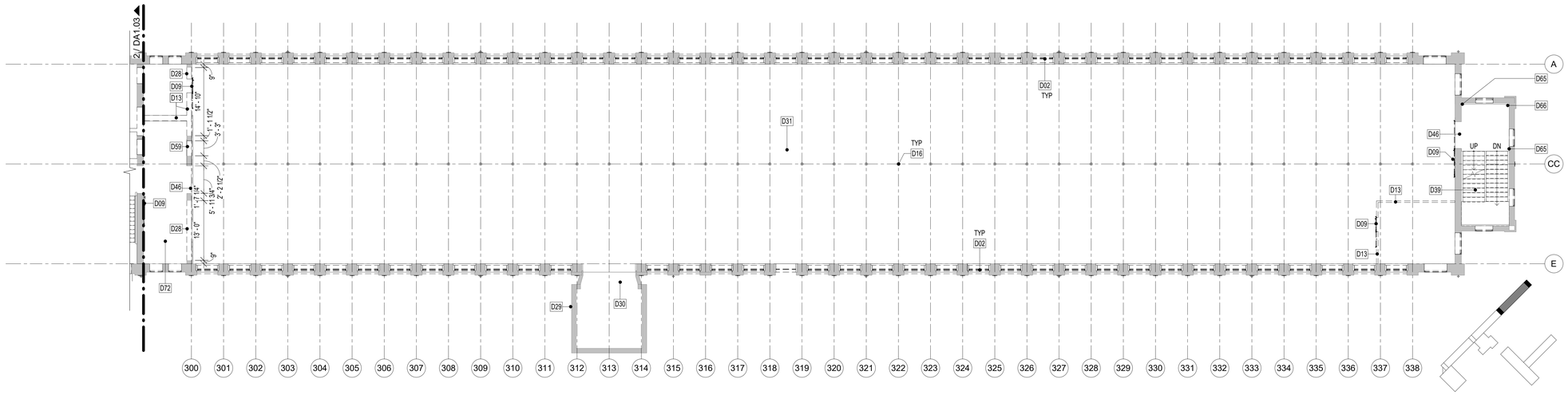
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE
DEMOLITION & ALTERATION PLAN FIRST FLOOR MILL 1-3

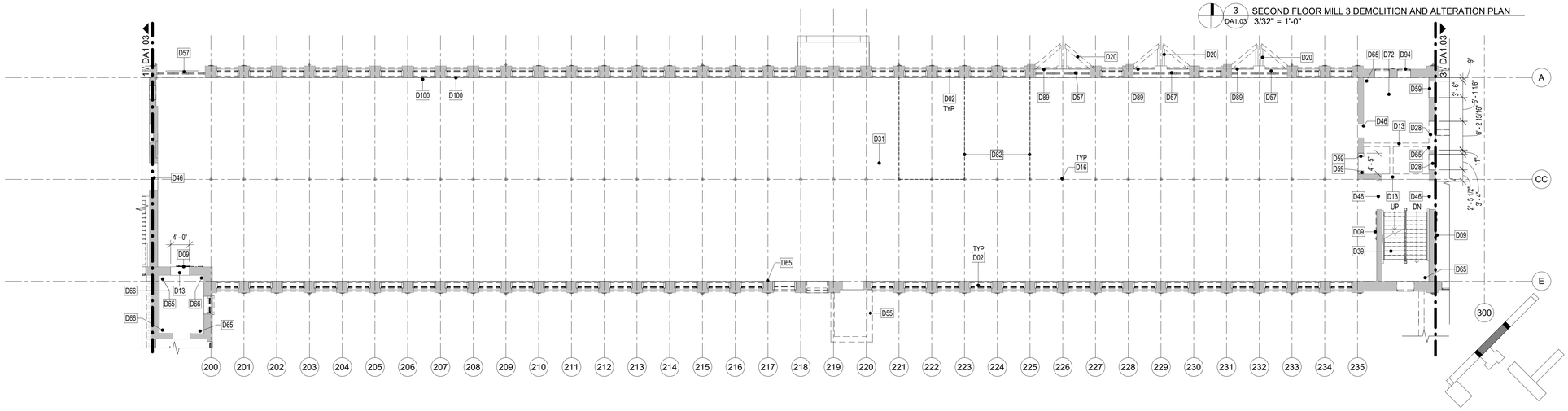
ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
1929	SK	PB

DA1.02

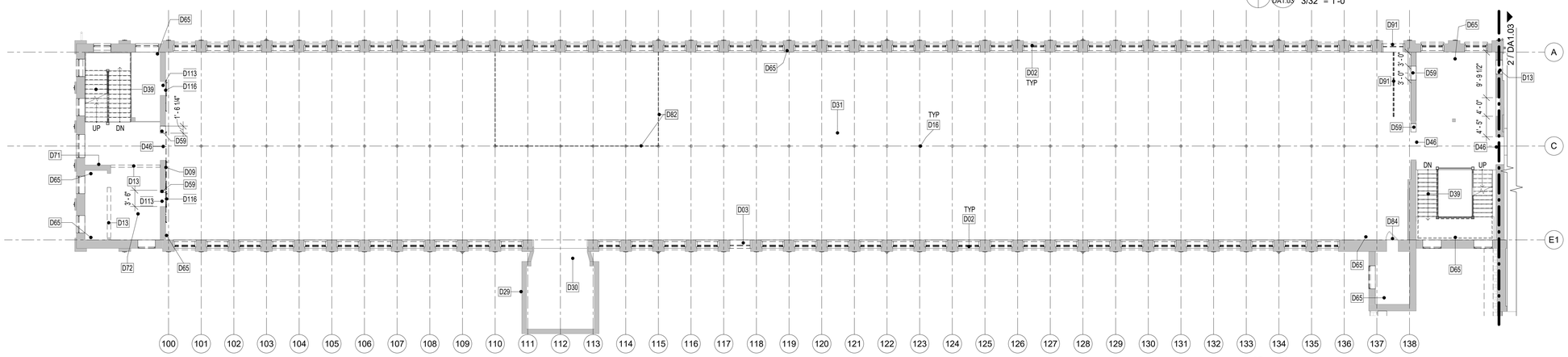
10/29/2020 1:00:22 AM C:\Users\pbahn\Documents\1929_SteHSIlAMKCentralModel_pbahn.rvt



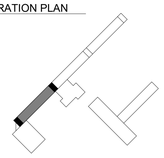
3 DA1.03 SECOND FLOOR MILL 3 DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"



2 DA1.03 SECOND FLOOR MILL 2 DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"



1 DA1.03 SECOND FLOOR MILL 1 DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"



KEYNOTE LEGEND	
Key Value	**Keynote Text**
D02	REMOVE EXISTING WINDOW AND PREPARE OPENING FOR NEW WINDOW INSTALLATION, BY CONTRACTOR. REFER TO PROPOSED DETAILS.
D03	EXISTING DOOR TO BE RESTORED AND REPAIRED, BY CONTRACTOR.
D09	EXISTING SLIDING FIRE DOOR TO BE CAREFULLY REMOVED, TEMPORARILY STORED AND SALVAGED TO BE REUSED INCLUDING ALL HARDWARE AND PARTS, ALL BY CONTRACTOR.
D13	EXISTING WALL TO BE REMOVED, BY CONTRACTOR.
D16	EXISTING WD COLUMN TO REMAIN. SEE STRUCTURAL DRAWINGS FOR REPAIRS.
D20	EXISTING STEEL BEAMS PROJECTING FROM FACADE TO REMAIN.
D28	PORTION OF EXISTING WALL TO BE REMOVED, BY CONTRACTOR.
D29	CONTRACTOR TO PREPARE ALL EXTERIOR FACES OF EXISTING CMU BLOCK WALL TOWER FOR ADDITION OF EXTERIOR METAL VENEER SYSTEM, REFER TO PROPOSED DETAILS.
D30	CONTRACTOR TO PREPARE EXISTING HOISTWAY FOR ADDITION OF NEW ELEVATOR PER ALL ELEVATOR MANUFACTURER REQUIREMENTS, AND FLOOR INFILL, REFER TO PROPOSED PLANS.

KEYNOTE LEGEND	
Key Value	**Keynote Text**
D31	EXISTING WOOD FLOOR. CONTRACTOR TO PREPARE TO RECEIVE 2"-3" MAX CONCRETE TOPPING, REFER TO PROPOSED DETAILS. CONTRACTOR TO REMOVE AND REPAIR LOOSE AND HAZARDOUS FINISH BOARDS AS NECESSARY.
D39	EXISTING STAIR TO BE CLEANED AND PREPARED FOR NEW PAINT OR FINISH, BY CONTRACTOR.
D46	EXISTING OPENING. SEE PROPOSED PLANS FOR INFILL, BY CONTRACTOR.
D55	EXISTING STRUCTURE TO BE REMOVED IN ITS ENTIRETY, INCLUDING FOUNDATION WORK, BY CONTRACTOR.
D57	CONTRACTOR TO REMOVE EXISTING INOPERABLE STOREFRONT SYSTEM AND PREPARE FOR ADDITION OF NEW BAY WITH WINDOWS. REFER TO PROPOSED DETAILS.
D59	NEW OPENING TO BE ADDED TO EXISTING WALL, BY CONTRACTOR. MATCH HEIGHT TO PROPOSED ADJACENT OPENINGS.
D65	EXISTING PIPING TO BE REMOVED, BY CONTRACTOR.
D66	EXISTING ELECTRICAL TO BE REMOVED, BY CONTRACTOR.

KEYNOTE LEGEND	
Key Value	**Keynote Text**
D71	EXISTING INFILL TO REMAIN.
D72	EXISTING BATHROOM TO BE REMOVED IN ENTIRETY, BY CONTRACTOR. ALL UTILITIES ARE TO BE REMOVED AND ALL HOLES THROUGH ADJACENT CONSTRUCTION ARE TO BE PLUGGED TO MATCH IN FINISH AND FIRE RATING BY CONTRACTOR.
D82	EXISTING STEEL CHANNEL PARTITION SILLS TO BE REMOVED, BY CONTRACTOR.
D84	EXISTING SWING FIRE DOOR TO REMAIN. CONTRACTOR TO PREPARE TO BE FIXED IN OPEN POSITION.
D89	EXISTING PLASTER TO BE REMOVED, BY CONTRACTOR. STEEL HEADER AND BRICK ARCHES TO REMAIN.
D91	EXISTING OVERHEAD STEEL BEAM TO BE REMOVED.
D94	EXISTING STEEL TO BE REMOVED, BY CONTRACTOR.
D100	CONTRACTOR TO PREPARE FOR MASONRY INFILL TO MATCH ADJACENT, TO MATCH TYPICAL WINDOW OPENINGS. WHERE EXISTING WINDOW HEAD EXCEEDS FLOOR PLATE ABOVE. REFER TO PROPOSED DOOR AND WINDOW DETAILS.
D113	EXISTING OPENING TO REMAIN.

KEYNOTE LEGEND	
Key Value	**Keynote Text**
D116	EXISTING SLIDING FIRE DOOR TO REMAIN. PREPARE TO REFURBISH AND BE MADE INOPERABLE, BY CONTRACTOR, REFER TO PROPOSED PLANS.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

DEMOLITION & ALTERATION LEGEND

- EXISTING WALL TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXIST DOOR TO REMAIN
- EXIST DOOR TO BE FURBISHED / REMOVED. SEE KEYNOTES FOR MORE INFORMATION
- NOTE APPLIES TO CEILING
- # DEMOLITION / ALTERATION KEYNOTE
- NOTE APPLIES TO FLOOR

GENERAL DEMOLITION & ALTERATION NOTES

1. ALL DIMENSIONS ARE APPROXIMATE. VERIFY DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO SUBMITTING BID AND COMMENCING START OF WORK.
2. ALL DAMAGED, CRACKED, DELAMINATED, LOOSE OR OTHERWISE FAILING BRICK TO BE REMOVED IN PREPARATION FOR REPLACEMENT WITH NEW BRICK AND MORTAR TO MATCH EXISTING.
3. ALL STONE FOUNDATION WORK TO REMAIN. PATCH AND MORTAR AS REQUIRED TO MATCH EXISTING.
4. ALL CRACKED/DAMAGED EXISTING CONCRETE TO BE PATCHED AS REQUIRED TO BE MADE WATERPROOF/MATCH EXISTING.
5. ALL EXISTING ROOFING TO REMAIN. AREAS REQUIRING REPLACEMENT OR PATCHING ARE TO MATCH EXISTING.
6. ALL EXISTING STAR BOLTS AND METAL ROOF BEAM TIES ARE TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON METAL STAR BOLTS OR ROOF BEAM TIES. NOTIFY ARCHITECT IMMEDIATELY IF INDIVIDUAL CONDITIONS NEED REHABILITATION OR REPAIR.
7. IT IS THE INTENT OF THIS PROJECT THAT ALL EXISTING HISTORIC WOOD WINDOWS DOORS, TRANSOMS AND SIDELIGHTS ARE TO BE RESTORED AND REPAIRED IN ACCORDANCE WITH THE GUIDELINES PROVIDED IN THESE DOCUMENTS. SUBCONTRACTORS RELATED TO THIS SCOPE SHALL SURVEY AND REVIEW ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. COST PROPOSALS MUST INCLUDE DOCUMENTATION OF EXISTING CONDITIONS AND PROPOSED SCOPE OF REHABILITATION OF EACH OPENING. IF ANY OPENING IS REASONABLY BEYOND REPAIR AND REQUIRES REPLACEMENT, PROPOSALS SHALL STATE JUSTIFICATION FOR REPLACEMENT WITH THEIR COST PROPOSAL. EXISTING INTERIOR SYSTEM REMNANTS FOR OPERATING WINDOWS AT MONITORS TO REMAIN.
8. EXISTING COLUMNS TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON COLUMNS. COLUMNS OFF THEIR BASES TO BE RECENTERED. CRACKED COLUMNS WITH CROSS SECTION MISSING TO BE PATCHED WITH BONDO WOOD FILLER WITH MATCHING WOOD GRAIN. APPLY MATTE CLEAR COAT AROUND ALL COLUMNS ONCE ANY REQUIRED PATCHING IS COMPLETE.
9. ALL EXISTING BATHROOMS, PLUMBING FIXTURES AND PIPING TO BE REMOVED.
10. ANY PLUMBING, ELECTRICAL OR MECHANICAL EQUIPMENT SCHEDULE TO BE REMOVED THAT IS TIED INTO SYSTEMS THAT ARE TO REMAIN, ARE TO BE REMOVED AND TIED OFF IN A MANNER THAT ALLOWS FOR THE CONTINUOUS OPERATION OF THE SYSTEM AS INDICATED ON MEP DRAWINGS. ANY LOCATION WHERE EXISTING UTILITIES, CONDUIT OR PIPING ARE TO BE REMOVED IS TO BE PATCHED WITH MATERIAL TO MATCH EXISTING IN FINISH AND FIRE RATING. INFILL IN BRICK OR STONE WALLS WHICH CANNOT BE FILLED WITH BRICKS MUST BE FILLED WITH MORTAR TO MATCH EXISTING. ANY INFILL IN WOOD FRAMED CONSTRUCTION MUST MATCH EXISTING.
11. EXISTING OVERHEAD PIPING, CONDUIT, AND MECHANICAL EQUIPMENT TO BE REMOVED AT FIRE WALLS AND PATCHED TO MATCH ADJACENT ASSEMBLY.
12. EXISTING INTERIOR STAIRS TO REMAIN. CLEAN AND PREPARE FOR NEW FINISH. PATCH EXISTING PLASTER CEILINGS ABOVE STAIRS AS REQUIRED FOR CONTINUOUS FIRE RATING. IF EXISTING WINDOWS ARE BELOW EXISTING HANDRAILS, THESE AREAS ARE TO BE INFILLED WITH MATERIAL THAT WILL NOT ALLOW PASSAGE OF 4" SPHERE. FINAL FINISH MATERIAL TBD BY OWNER.

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

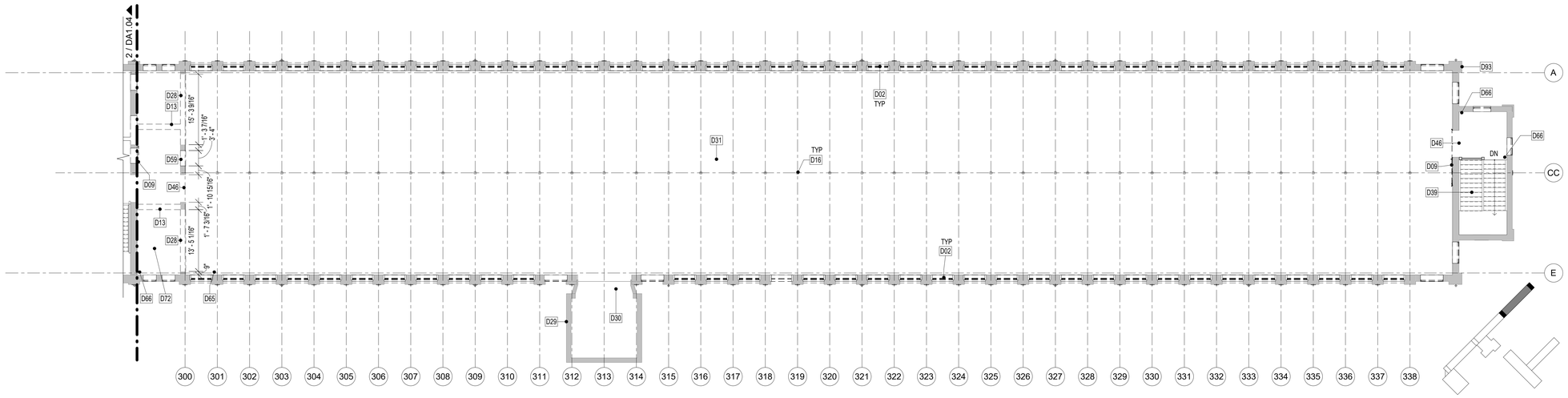
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE
DEMOLITION & ALTERATION PLAN SECOND FLOOR MILL 1-3

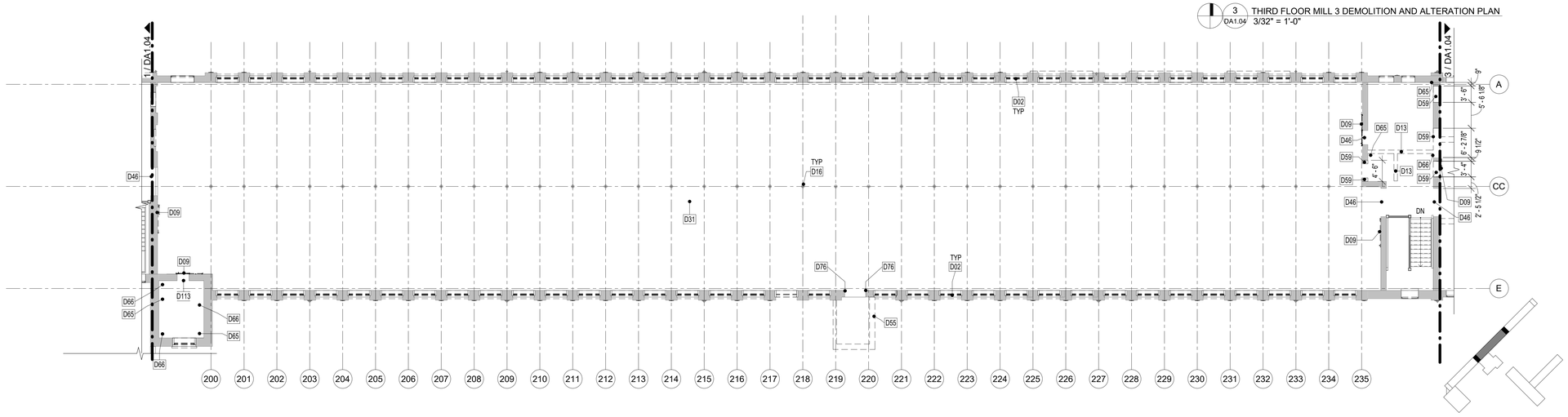
ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
1929	SK	PB

DA1.03

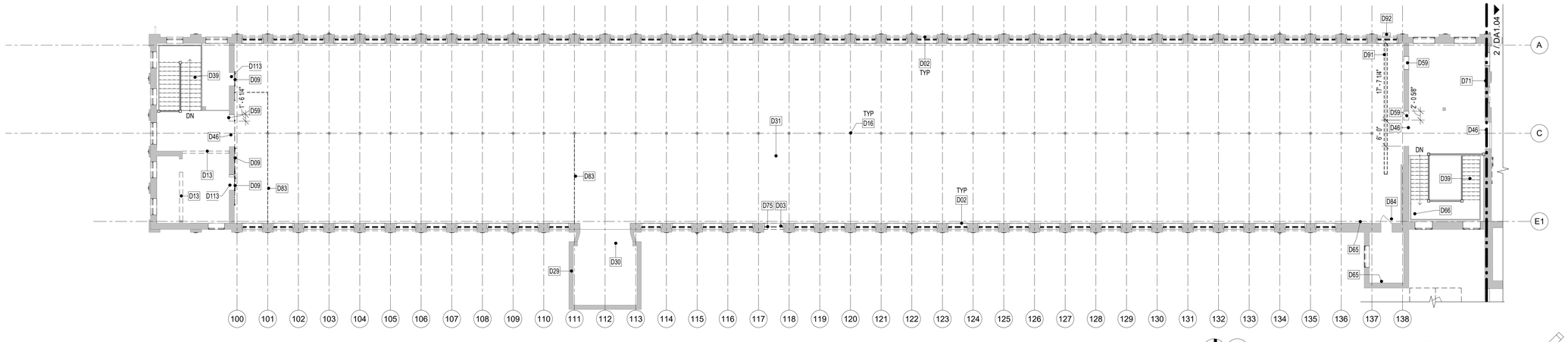
10/29/2020 1:00:31 AM C:\Users\pbahn\Documents\1929_StehliSilkMillCentralModel_pbahn.rvt



3 / DA1.04 THIRD FLOOR MILL 3 DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"



2 / DA1.04 THIRD FLOOR MILL 2 DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"



1 / DA1.04 THIRD FLOOR MILL 1 DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"

KEYNOTE LEGEND	
Key Value	**Keynote Text**
D02	REMOVE EXISTING WINDOW AND PREPARE OPENING FOR NEW WINDOW INSTALLATION, BY CONTRACTOR. REFER TO PROPOSED DETAILS.
D03	EXISTING DOOR TO BE RESTORED AND REPAIRED, BY CONTRACTOR.
D09	EXISTING SLIDING FIRE DOOR TO BE CAREFULLY REMOVED, TEMPORARILY STORED AND SALVAGED TO BE REUSED INCLUDING ALL HARDWARE AND PARTS, ALL BY CONTRACTOR.
D13	EXISTING WALL TO BE REMOVED, BY CONTRACTOR.
D16	EXISTING WD COLUMN TO REMAIN. SEE STRUCTURAL DRAWINGS FOR REPAIRS.
D28	PORTION OF EXISTING WALL TO BE REMOVED, BY CONTRACTOR.

KEYNOTE LEGEND	
Key Value	**Keynote Text**
D29	CONTRACTOR TO PREPARE ALL EXTERIOR FACES OF EXISTING CMU BLOCK WALL TOWER FOR ADDITION OF EXTERIOR METAL VENEER SYSTEM, REFER TO PROPOSED DETAILS.
D30	CONTRACTOR TO PREPARE EXISTING HOISTWAY FOR ADDITION OF NEW ELEVATOR PER ALL ELEVATOR MANUFACTURER REQUIREMENTS, AND FLOOR INFILL, REFER TO PROPOSED PLANS.
D31	EXISTING WOOD FLOOR, CONTRACTOR TO PREPARE TO RECEIVE 2"-3" MAX CONCRETE TOPPING, REFER TO PROPOSED DETAILS. CONTRACTOR TO REMOVE AND REPAIR LOOSE AND HAZARDOUS FINISH BOARDS AS NECESSARY.
D39	EXISTING STAIR TO BE CLEANED AND PREPARED FOR NEW PAINT OR FINISH, BY CONTRACTOR.
D46	EXISTING OPENING. SEE PROPOSED PLANS FOR INFILL, BY CONTRACTOR.
D55	EXISTING STRUCTURE TO BE REMOVED IN ITS ENTIRETY, INCLUDING FOUNDATION WORK, BY CONTRACTOR.

KEYNOTE LEGEND	
Key Value	**Keynote Text**
D59	NEW OPENING TO BE ADDED TO EXISTING WALL, BY CONTRACTOR. MATCH HEIGHT TO PROPOSED ADJACENT OPENINGS.
D65	EXISTING PIPING TO BE REMOVED, BY CONTRACTOR.
D66	EXISTING ELECTRICAL TO BE REMOVED, BY CONTRACTOR.
D71	EXISTING INFILL TO REMAIN.
D72	EXISTING BATHROOM TO BE REMOVED IN ENTIRETY, BY CONTRACTOR. ALL UTILITIES ARE TO BE REMOVED AND ALL HOLES THROUGH ADJACENT CONSTRUCTION ARE TO BE PLUGGED TO MATCH IN FINISH AND FIRE RATING BY CONTRACTOR.
D75	CONTRACTOR TO PREPARE EXISTING OPENING FOR NEW DOORS, WHICH WILL BE FIXED CLOSED. REFER TO PROPSOED DETAILS.

KEYNOTE LEGEND	
Key Value	**Keynote Text**
D76	EXISTING CORNER PROTECTORS AT DOORS TO REMAIN, TYP. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON CORNER PROTECTORS. NOTIFY ARCHITECT IMMEDIATELY IF INDIVIDUAL CONDITIONS NEED REHABILITATION OR REPAIR.
D83	EXISTING PARTITION FRAMING TO BE REMOVED, BY CONTRACTOR.
D84	EXISTING SWING FIRE DOOR TO REMAIN. CONTRACTOR TO PREPARE TO BE FIXED IN OPEN POSITION.
D91	EXISTING OVERHEAD STEEL BEAM TO BE REMOVED.
D92	EXISTING STEEL ARTIFACT ABOVE TO REMAIN.
D93	EXISTING ELECTRICAL TO BE REMOVED, BY CONTRACTOR. PREPARE HOLES IN MASONRY TO BE PLUGGED TO MATCH, REFER TO PROPSOED PLANS.
D113	EXISTING OPENING TO REMAIN.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

DEMOLITION & ALTERATION LEGEND

- EXISTING WALL TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXIST DOOR TO REMAIN
- EXIST DOOR TO BE FURBISHED / REMOVED. SEE KEYNOTES FOR MORE INFORMATION
- NOTE APPLIES TO CEILING
- # DEMOLITION / ALTERATION KEYNOTE
- NOTE APPLIES TO FLOOR

GENERAL DEMOLITION & ALTERATION NOTES

1. ALL DIMENSIONS ARE APPROXIMATE. VERIFY DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO SUBMITTING BID AND COMMENCING START OF WORK.
2. ALL DAMAGED, CRACKED, DELAMINATED, LOOSE OR OTHERWISE FAILING BRICK TO BE REMOVED IN PREPARATION FOR REPLACEMENT WITH NEW BRICK AND MORTAR TO MATCH EXISTING.
3. ALL STONE FOUNDATION WORK TO REMAIN. PATCH AND MORTAR AS REQUIRED TO MATCH EXISTING.
4. ALL CRACKED/DAMAGED EXISTING CONCRETE TO BE PATCHED AS REQUIRED TO BE MADE WATERPROOF/MATCH EXISTING.
5. ALL EXISTING ROOFING TO REMAIN. AREAS REQUIRING REPLACEMENT OR PATCHING ARE TO MATCH EXISTING.
6. ALL EXISTING STAR BOLTS AND METAL ROOF BEAM TIES ARE TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON METAL STAR BOLTS OR ROOF BEAM TIES. NOTIFY ARCHITECT IMMEDIATELY IF INDIVIDUAL CONDITIONS NEED REHABILITATION OR REPAIR.
7. IT IS THE INTENT OF THIS PROJECT THAT ALL EXISTING HISTORIC WOOD WINDOWS DOORS, TRANSOMS AND SIDELIGHTS ARE TO BE RESTORED AND REPAIRED IN ACCORDANCE WITH THE GUIDELINES PROVIDED IN THESE DOCUMENTS. SUBCONTRACTORS RELATED TO THIS SCOPE SHALL SURVEY AND REVIEW ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. COST PROPOSALS MUST INCLUDE DOCUMENTATION OF EXISTING CONDITIONS AND PROPOSED SCOPE OF REHABILITATION OF EACH OPENING. IF ANY OPENING IS REASONABLY BEYOND REPAIR AND REQUIRES REPLACEMENT, PROPOSALS SHALL STATE JUSTIFICATION FOR REPLACEMENT WITH THEIR COST PROPOSAL. EXISTING INTERIOR SYSTEM REMNANTS FOR OPERATING WINDOWS AT MONITORS TO REMAIN.
8. EXISTING COLUMNS TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON COLUMNS. COLUMNS OFF THEIR BASES TO BE RECENTERED. CRACKED COLUMNS WITH CROSS SECTION MISSING TO BE PATCHED WITH BONDO WOOD FILLER WITH MATCHING WOOD GRAIN. APPLY MATTE CLEAR COAT AROUND ALL COLUMNS ONCE ANY REQUIRED PATCHING IS COMPLETE.
9. ALL EXISTING BATHROOMS, PLUMBING FIXTURES AND PIPING TO BE REMOVED.
10. ANY PLUMBING, ELECTRICAL OR MECHANICAL EQUIPMENT SCHEDULE TO BE REMOVED THAT IS TIED INTO SYSTEMS THAT ARE TO REMAIN, ARE TO BE REMOVED AND TIED OFF IN A MANNER THAT ALLOWS FOR THE CONTINUOUS OPERATION OF THE SYSTEM AS INDICATED ON MEP DRAWINGS. ANY LOCATION WHERE EXISTING UTILITIES, CONDUIT OR PIPING ARE TO BE REMOVED IS TO BE PATCHED WITH MATERIAL TO MATCH EXISTING IN FINISH AND FIRE RATING. INFILL IN BRICK OR STONE WALLS WHICH CANNOT BE FILLED WITH BRICKS MUST BE FILLED WITH MORTAR TO MATCH EXISTING. ANY INFILL IN WOOD FRAMED CONSTRUCTION MUST MATCH EXISTING.
11. EXISTING OVERHEAD PIPING, CONDUIT, AND MECHANICAL EQUIPMENT TO BE REMOVED AT FIRE WALLS AND PATCHED TO MATCH ADJACENT ASSEMBLY.
12. EXISTING INTERIOR STAIRS TO REMAIN. CLEAN AND PREPARE FOR NEW FINISH. PATCH EXISTING PLASTER CEILINGS ABOVE STAIRS AS REQUIRED FOR CONTINUOUS FIRE RATING. IF EXISTING WINDOWS ARE BELOW EXISTING HANDRAILS, THESE AREAS ARE TO BE INFILLED WITH MATERIAL THAT WILL NOT ALLOW PASSAGE OF 4" SPHERE. FINAL FINISH MATERIAL TBD BY OWNER.

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

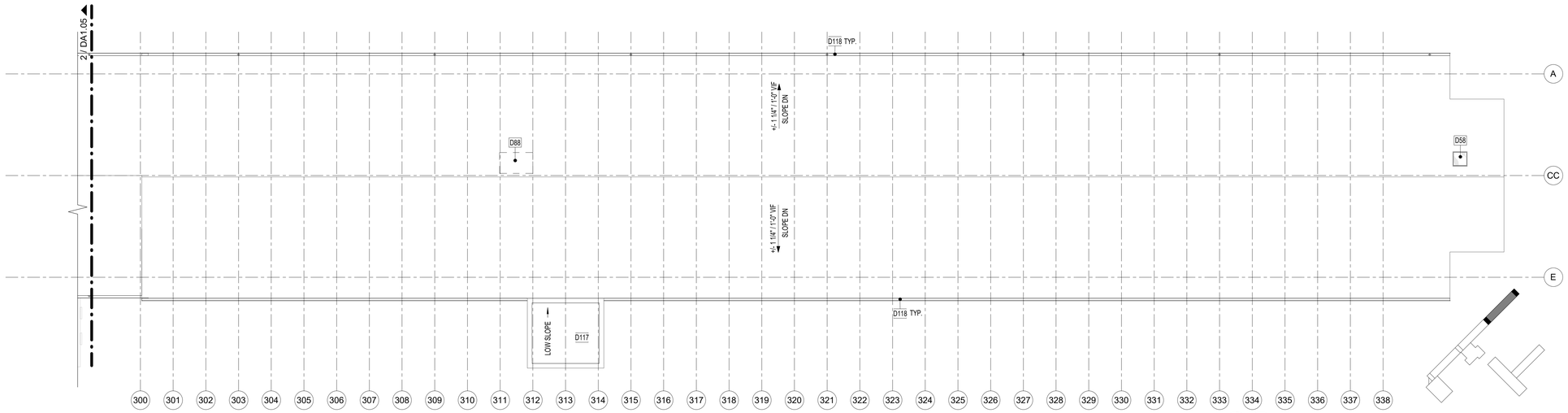
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE
DEMOLITION & ALTERATION PLAN THIRD FLOOR MILL 1-3

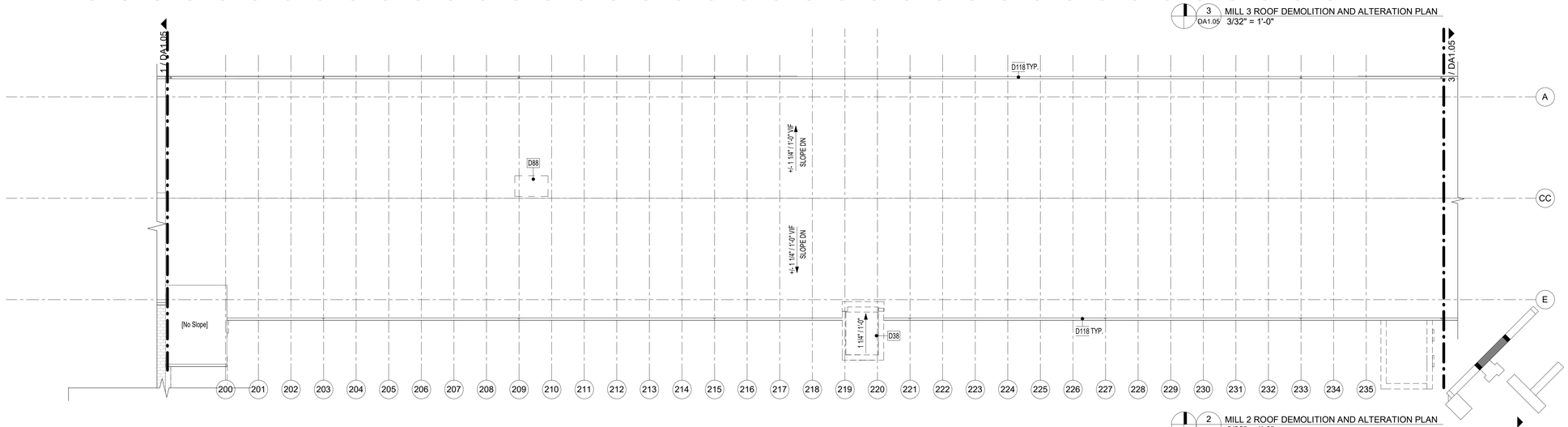
ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
1929	SK	PB

DA1.04

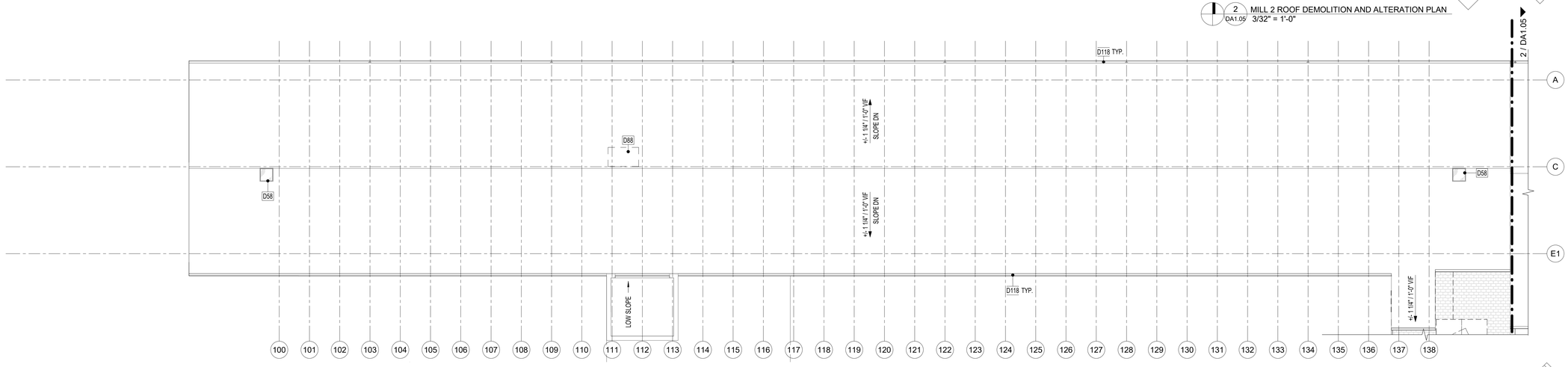
10/29/2020 1:00:39 AM C:\Users\pbahr\Documents\1929_StehliSilkMillCentralModel_pbahr.rvt



3 DA1.05 MILL 3 ROOF DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"



2 DA1.05 MILL 2 ROOF DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"



1 DA1.05 MILL 1 ROOF DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"

KEYNOTE LEGEND	
Key Value	**Keynote Text**
D38	EXISTING ELEVATOR SHAFT TO BE DEMOLISHED, BY CONTRACTOR. REPAIR FLOOR IN OPENING LEFT BEHIND.
D58	EXISTING ROOF ACCESS HATCH TO REMAIN.
D88	CONTRACTOR TO PREPARE FOR ADDITION OF NEW ROOFTOP MECHANICAL EQUIPMENT, REFER TO PROPOSED MEP DOCUMENTS.
D117	EXISTING ELEVATOR TOWER TO REMAIN.
D118	EXISTING GUTTERS AND DOWNSPOUTS TO REMAIN. CONTRACTOR TO PREPARE TO REPAIR AS NECESSARY.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

DEMOLITION & ALTERATION LEGEND

- EXISTING WALL TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXIST DOOR TO REMAIN
- EXIST DOOR TO BE FURBISHED / REMOVED. SEE KEYNOTES FOR MORE INFORMATION
- NOTE APPLIES TO CEILING
- # DEMOLITION / ALTERATION KEYNOTE
- NOTE APPLIES TO FLOOR

GENERAL DEMOLITION & ALTERATION NOTES

1. ALL DIMENSIONS ARE APPROXIMATE. VERIFY DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO SUBMITTING BID AND COMMENCING START OF WORK.
2. ALL DAMAGED, CRACKED, DELAMINATED, LOOSE OR OTHERWISE FAILING BRICK TO BE REMOVED IN PREPARATION FOR REPLACEMENT WITH NEW BRICK AND MORTAR TO MATCH EXISTING.
3. ALL STONE FOUNDATION WORK TO REMAIN. PATCH AND MORTAR AS REQUIRED TO MATCH EXISTING.
4. ALL CRACKED/DAMAGED EXISTING CONCRETE TO BE PATCHED AS REQUIRED TO BE MADE WATERPROOF/MATCH EXISTING.
5. ALL EXISTING ROOFING TO REMAIN. AREAS REQUIRING REPLACEMENT OR PATCHING ARE TO MATCH EXISTING.
6. ALL EXISTING STAR BOLTS AND METAL ROOF BEAM TIES ARE TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON METAL STAR BOLTS OR ROOF BEAM TIES. NOTIFY ARCHITECT IMMEDIATELY IF INDIVIDUAL CONDITIONS NEED REHABILITATION OR REPAIR.
7. IT IS THE INTENT OF THIS PROJECT THAT ALL EXISTING HISTORIC WOOD WINDOWS DOORS, TRANSOMS AND SIDELIGHTS ARE TO BE RESTORED AND REPAIRED IN ACCORDANCE WITH THE GUIDELINES PROVIDED IN THESE DOCUMENTS. SUBCONTRACTORS RELATED TO THIS SCOPE SHALL SURVEY AND REVIEW ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. COST PROPOSALS MUST INCLUDE DOCUMENTATION OF EXISTING CONDITIONS AND PROPOSED SCOPE OF REHABILITATION OF EACH OPENING. IF ANY OPENING IS REASONABLY BEYOND REPAIR AND REQUIRES REPLACEMENT, PROPOSALS SHALL STATE JUSTIFICATION FOR REPLACEMENT WITH THEIR COST PROPOSAL. EXISTING INTERIOR SYSTEM REMNANTS FOR OPERATING WINDOWS AT MONITORS TO REMAIN.
8. EXISTING COLUMNS TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON COLUMNS. COLUMNS OFF THEIR BASES TO BE RECENTERED. CRACKED COLUMNS WITH CROSS SECTION MISSING TO BE PATCHED WITH BONDO WOOD FILLER WITH MATCHING WOOD GRAIN. APPLY MATTE CLEAR COAT AROUND ALL COLUMNS ONCE ANY REQUIRED PATCHING IS COMPLETE.
9. ALL EXISTING BATHROOMS, PLUMBING FIXTURES AND PIPING TO BE REMOVED.
10. ANY PLUMBING, ELECTRICAL OR MECHANICAL EQUIPMENT SCHEDULE TO BE REMOVED THAT IS TIED INTO SYSTEMS THAT ARE TO REMAIN, ARE TO BE REMOVED AND TIED OFF IN A MANNER THAT ALLOWS FOR THE CONTINUOUS OPERATION OF THE SYSTEM AS INDICATED ON MEP DRAWINGS. ANY LOCATION WHERE EXISTING UTILITIES, CONDUIT OR PIPING ARE TO BE REMOVED IS TO BE PATCHED WITH MATERIAL TO MATCH EXISTING IN FINISH AND FIRE RATING. INFILL IN BRICK OR STONE WALLS WHICH CANNOT BE FILLED WITH BRICKS MUST BE FILLED WITH MORTAR TO MATCH EXISTING. ANY INFILL IN WOOD FRAMED CONSTRUCTION MUST MATCH EXISTING.
11. EXISTING OVERHEAD PIPING, CONDUIT, AND MECHANICAL EQUIPMENT TO BE REMOVED AT FIRE WALLS AND PATCHED TO MATCH ADJACENT ASSEMBLY.
12. EXISTING INTERIOR STAIRS TO REMAIN. CLEAN AND PREPARE FOR NEW FINISH. PATCH EXISTING PLASTER CEILINGS ABOVE STAIRS AS REQUIRED FOR CONTINUOUS FIRE RATING. IF EXISTING WINDOWS ARE BELOW EXISTING HANDRAILS, THESE AREAS ARE TO BE INFILLED WITH MATERIAL THAT WILL NOT ALLOW PASSAGE OF 4" SPHERE. FINAL FINISH MATERIAL TBD BY OWNER.

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE
DEMOLITION & ALTERATION ROOF PLAN MILL 1-3

ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
1929	SK	PB

DA1.05

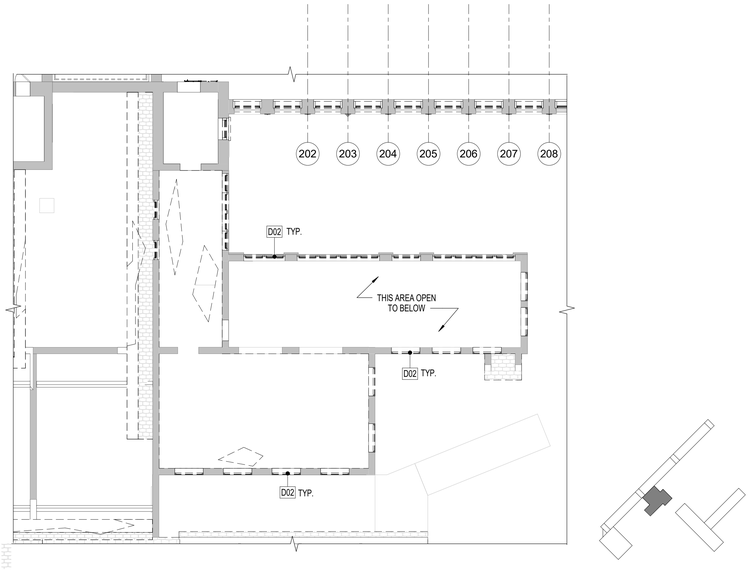
10/29/2020 1:00:46 AM C:\Users\pbahn\Documents\1929_StehliSilkMillCentralModel_pbahn.rvt

GENERAL NOTES FOR BOILER PLANT BUILDING

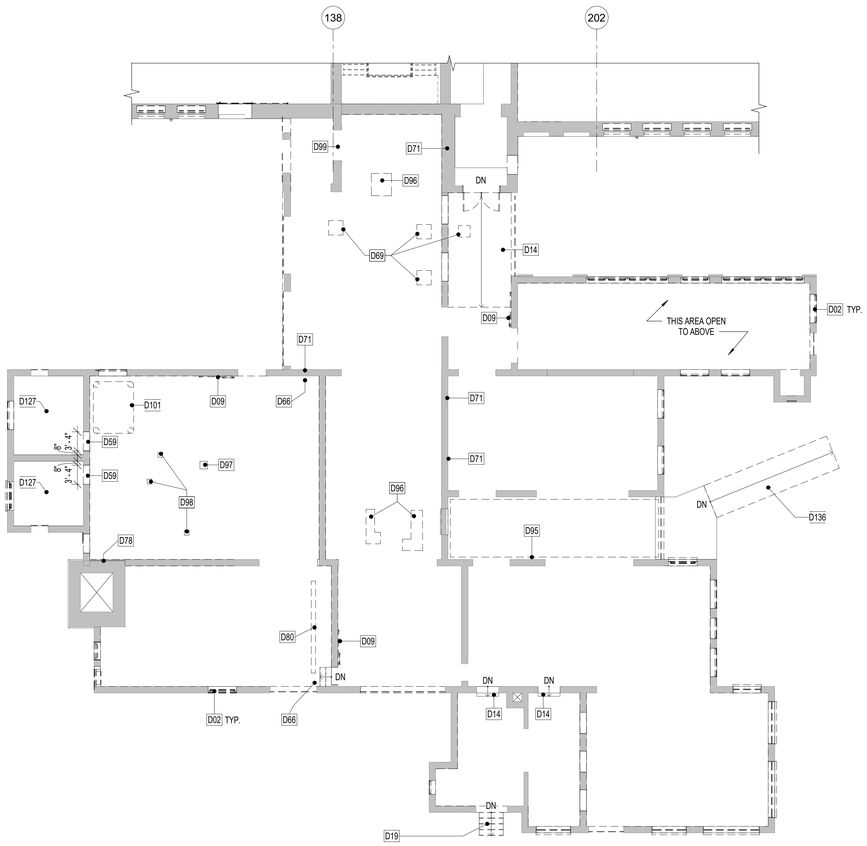
1. PROGRAMMING FOR BOILER PLANT BUILDING IS TBD.
2. SECOND FLOOR OF BOILER PLANT BUILDING WAS INACCESSIBLE DURING DEVELOPMENT OF CONSTRUCTION DOCUMENTS. SECOND FLOOR PLATE IS LIKELY IN NEED OF FULL REPLACEMENT.
3. ALL EXISTING MONITOR WINDOW HARDWARE AND INDUSTRIAL RELICS TO BE REPAIRED AS REQUIRED FOR SOUNDNESS AND REMAIN. ALL PIPES AND CONDUITS WHICH PASS THROUGH A MASONRY WALL TO BE REMOVED, WITH MASONRY PATCHED TO MATCH EXISTING.

KEYNOTE LEGEND

Key Value	Keynote Text
D02	REMOVE EXISTING WINDOW AND PREPARE OPENING FOR NEW WINDOW INSTALLATION, BY CONTRACTOR. REFER TO PROPOSED DETAILS.
D09	EXISTING SLIDING FIRE DOOR TO BE CAREFULLY REMOVED, TEMPORARILY STORED AND SALVAGED TO BE REUSED INCLUDING ALL HARDWARE AND PARTS, ALL BY CONTRACTOR.
D14	EXISTING RAMP TO REMAIN.
D19	EXISTING STAIR TREADS TO BE REMOVED, BY CONTRACTOR.
D59	NEW OPENING TO BE ADDED TO EXISTING WALL, BY CONTRACTOR. MATCH HEIGHT TO PROPOSED ADJACENT OPENINGS.
D66	EXISTING ELECTRICAL TO BE REMOVED, BY CONTRACTOR.
D69	CONTRACTOR TO PREPARE EXISTING HOLE IN FLOOR TO BE INFILLED TO MATCH ADJACENT.
D71	EXISTING INFILL TO REMAIN.
D78	EXISTING CLEANOUT FOR SMOKESTACK TO REMAIN.
D80	EXISTING FLOOR TRENCH. CONTRACTOR TO REMOVE METAL TRENCH COLLAR AND PREPARE FOR CONCRETE INFILL TO MATCH.
D95	EXISTING SKYLIGHT ABOVE TO BE REMOVED, BY CONTRACTOR.
D96	CONTRACTOR TO REMOVE CONCRETE PAD IN ITS ENTIRETY.
D97	EXISTING FLOOR DRAIN.
D98	10"X10" EXISTING CONCRETE PADS TO BE REMOVED, BY CONTRACTOR.
D99	EXISTING ARCH TO REMAIN.
D101	EXISTING STEEL STRUCTURE TO BE REMOVED, BY CONTRACTOR.
D127	EXISTING ROOM PREVIOUSLY USED FOR CHEMICAL STORAGE.
D136	EXISTING RAMP TO BE DEMOLISHED.



2 / DA1.06 BOILERPLANT BUILDING SECOND FLOOR DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"



1 / DA1.06 BOILERPLANT BUILDING FIRST FLOOR DEMOLITION AND ALTERATION PLAN
3/32" = 1'-0"

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

DEMOLITION & ALTERATION LEGEND

- EXISTING WALL TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXIST DOOR TO REMAIN
- EXIST DOOR TO BE FURBISHED / REMOVED. SEE KEYNOTES FOR MORE INFORMATION
- NOTE APPLIES TO CEILING
- # DEMOLITION / ALTERATION KEYNOTE
- NOTE APPLIES TO FLOOR

GENERAL DEMOLITION & ALTERATION NOTES

1. ALL DIMENSIONS ARE APPROXIMATE. VERIFY DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO SUBMITTING BID AND COMMENCING START OF WORK.
2. ALL DAMAGED, CRACKED, DELAMINATED, LOOSE OR OTHERWISE FAILING BRICK TO BE REMOVED IN PREPARATION FOR REPLACEMENT WITH NEW BRICK AND MORTAR TO MATCH EXISTING.
3. ALL STONE FOUNDATION WORK TO REMAIN. PATCH AND MORTAR AS REQUIRED TO MATCH EXISTING.
4. ALL CRACKED/DAMAGED EXISTING CONCRETE TO BE PATCHED AS REQUIRED TO BE MADE WATERPROOF/MATCH EXISTING.
5. ALL EXISTING ROOFING TO REMAIN. AREAS REQUIRING REPLACEMENT OR PATCHING ARE TO MATCH EXISTING.
6. ALL EXISTING STAR BOLTS AND METAL ROOF BEAM TIES ARE TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON METAL STAR BOLTS OR ROOF BEAM TIES. NOTIFY ARCHITECT IMMEDIATELY IF INDIVIDUAL CONDITIONS NEED REHABILITATION OR REPAIR.
7. IT IS THE INTENT OF THIS PROJECT THAT ALL EXISTING HISTORIC WOOD WINDOWS DOORS, TRANSOMS AND SIDELIGHTS ARE TO BE RESTORED AND REPAIRED IN ACCORDANCE WITH THE GUIDELINES PROVIDED IN THESE DOCUMENTS. SUBCONTRACTORS RELATED TO THIS SCOPE SHALL SURVEY AND REVIEW ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. COST PROPOSALS MUST INCLUDE DOCUMENTATION OF EXISTING CONDITIONS AND PROPOSED SCOPE OF REHABILITATION OF EACH OPENING. IF ANY OPENING IS REASONABLY BEYOND REPAIR AND REQUIRES REPLACEMENT, PROPOSALS SHALL STATE JUSTIFICATION FOR REPLACEMENT WITH THEIR COST PROPOSAL. EXISTING INTERIOR SYSTEM REMINANT'S FOR OPERATING WINDOWS AT MONITORS TO REMAIN.
8. EXISTING COLUMNS TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON COLUMNS. COLUMNS OFF THEIR BASES TO BE RECENTERED. CRACKED COLUMNS WITH CROSS SECTION MISSING TO BE PATCHED WITH BONDO WOOD FILLER WITH MATCHING WOOD GRAIN. APPLY MATTE CLEAR COAT AROUND ALL COLUMNS ONCE ANY REQUIRED PATCHING IS COMPLETE.
9. ALL EXISTING BATHROOMS, PLUMBING FIXTURES AND PIPING TO BE REMOVED.
10. ANY PLUMBING, ELECTRICAL OR MECHANICAL EQUIPMENT SCHEDULE TO BE REMOVED THAT IS TIED INTO SYSTEMS THAT ARE TO REMAIN, ARE TO BE REMOVED AND TIED OFF IN A MANNER THAT ALLOWS FOR THE CONTINUOUS OPERATION OF THE SYSTEM AS INDICATED ON MEP DRAWINGS. ANY LOCATION WHERE EXISTING UTILITIES, CONDUIT OR PIPING ARE TO BE REMOVED IS TO BE PATCHED WITH MATERIAL TO MATCH EXISTING IN FINISH AND FIRE RATING. INFILL IN BRICK OR STONE WALLS WHICH CANNOT BE FILLED WITH BRICKS MUST BE FILLED WITH MORTAR TO MATCH EXISTING. ANY INFILL IN WOOD FRAMED CONSTRUCTION MUST MATCH EXISTING.
11. EXISTING OVERHEAD PIPING, CONDUIT, AND MECHANICAL EQUIPMENT TO BE REMOVED AT FIRE WALLS AND PATCHED TO MATCH ADJACENT ASSEMBLY.
12. EXISTING INTERIOR STAIRS TO REMAIN. CLEAN AND PREPARE FOR NEW FINISH. PATCH EXISTING PLASTER CEILINGS ABOVE STAIRS AS REQUIRED FOR CONTINUOUS FIRE RATING. IF EXISTING WINDOWS ARE BELOW EXISTING HANDRAILS, THESE AREAS ARE TO BE INFILLED WITH MATERIAL THAT WILL NOT ALLOW PASSAGE OF 4" SPHERE. FINAL FINISH MATERIAL TBD BY OWNER.

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE
DEMOLITION & ALTERATION PLAN BOILERPLANT BUILDING

ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
1929	SK	PB

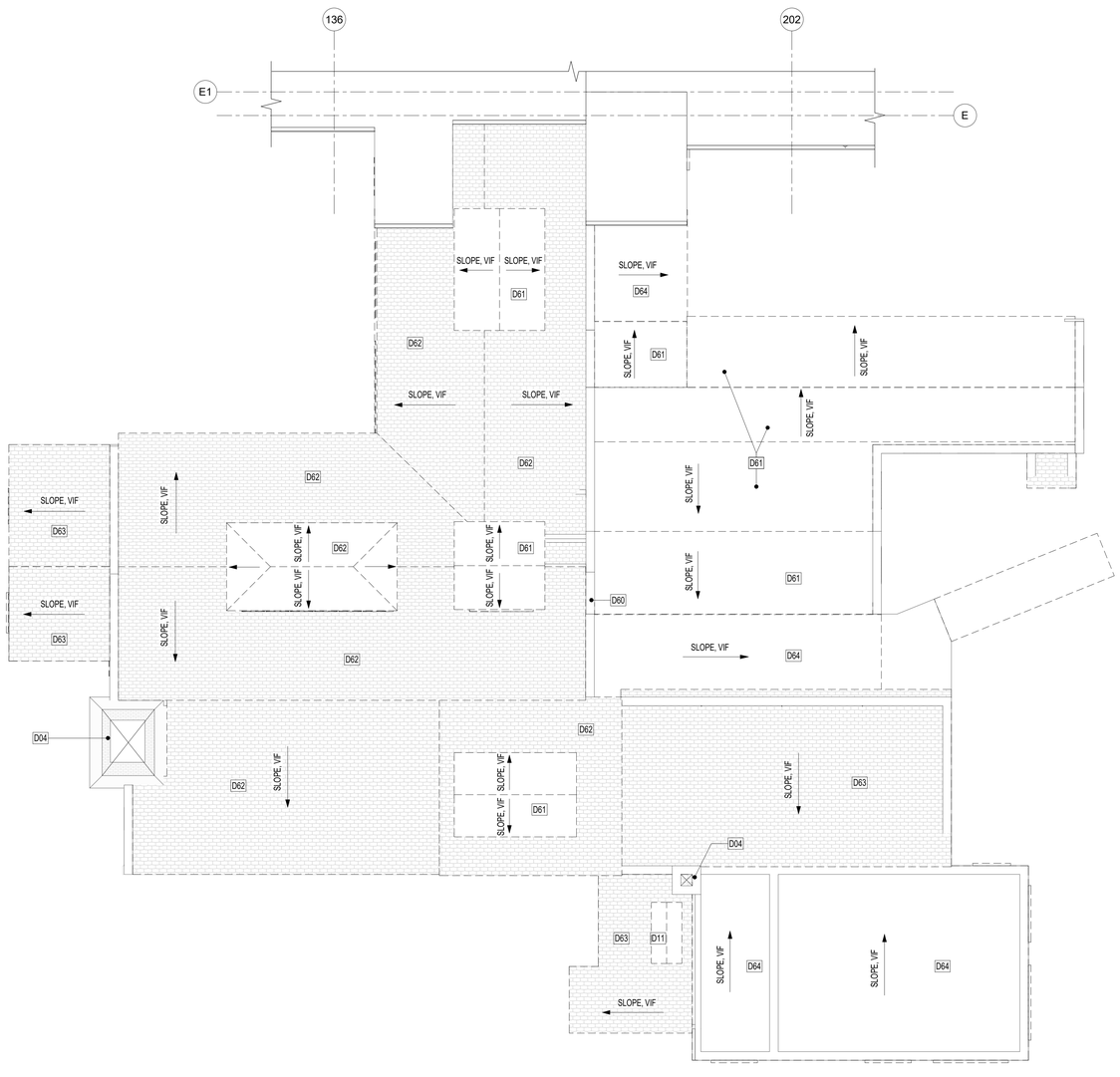
DA1.06

10/29/2020 1:00:51 AM C:\Users\pbahn\Documents\1929_SteHiSilkMillCentralModel_pbahn.rvt

KEYNOTE LEGEND	
Key Value	**Keynote Text**
D04	EXISTING SMOKESTACK/CHIMNEY TO REMAIN IN ITS ENTIRETY. PREPARE FOR PATCHING AND REPAIR AS NECESSARY, BY CONTRACTOR.
D11	PREPARE ROOF OVER MONITOR WINDOWS TO BE RESTORED, BY CONTRACTOR.
D60	EXISTING MASONRY WALL TO REMAIN. CONTRACTOR TO REPAIR LOOSE, DAMANGED OR MISSING BRICK AND WALL CAP AS REQUIRED.
D61	EXISTING METAL ROOFING TO BE REMOVED AND PREPARED FOR REPLACEMENT TO MATCH, BY CONTRACTOR.
D62	EXISTING SLATE ROOFING TO BE REMOVED AND PREPARED FOR REPLACEMENT WITH ARCHITECTURAL ASPHALT SLATE, BY CONTRACTOR.
D63	EXISTING SHINGLE ROOFING TO BE REMOVED AND PREPARED FOR REPLACEMENT WITH ARCHITECTURAL ASPHALT SLATE, BY CONTRACTOR.
D64	EXISTING MEMBRANE ROOFING TO BE REMOVED AND PREPARED FOR REPLACEMENT WITH NEW EPDM ROOF, BY CONTRACTOR.

BOILER PLANT BUILDING ROOF GENERAL DEMOLITION & ALTERATION NOTES

1. ALL EXISTING ROOFING, INCLUDING MONITOR WINDOWS, TO BE CAREFULLY TAKEN DOWN DURING DEMOLITION / ALTERATION PHASE.
2. ONCE ALL MATERIAL IS TEMPORARILY DOWN, ASSES TO UNDERSTAND WHAT EXISTING STRUCTURE AND ELEMENTS CAN BE REINSTALLED.
3. MONITOR WINDOWS TO BE REINSTALLED, OR REPLACED IF THEY CANNOT BE SALVAGED, ATOP REINSTALLED ROOF STRUCTURE.
4. NEW ROOF STRUCTURE, OR ACCEPTABLE EXISTING ROOF STRUCTURE, TO BE REINSTALLED WITH NEW FINISH ROOFING.
5. ALL EXISTING UTILITY THROUGH ROOF TO BE REMOVED, INCLUDING OLD CHIMNEYS, PIPING AND CONDUIT.



1 / DA1.07 BOILERPLANT BUILDING ROOF DEMOLITION AND ALTERATION PLAN
1/8" = 1'-0"

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

DEMOLITION & ALTERATION LEGEND

- EXISTING WALL TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXIST DOOR TO REMAIN
- EXIST DOOR TO BE FURBISHED / REMOVED. SEE KEYNOTES FOR MORE INFORMATION
- NOTE APPLIES TO CEILING
- # DEMOLITION / ALTERATION KEYNOTE
- NOTE APPLIES TO FLOOR

GENERAL DEMOLITION & ALTERATION NOTES

1. ALL DIMENSIONS ARE APPROXIMATE. VERIFY DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO SUBMITTING BID AND COMMENCING START OF WORK.
2. ALL DAMAGED, CRACKED, DELAMINATED, LOOSE OR OTHERWISE FAILING BRICK TO BE REMOVED IN PREPARATION FOR REPLACEMENT WITH NEW BRICK AND MORTAR TO MATCH EXISTING.
3. ALL STONE FOUNDATION WORK TO REMAIN. PATCH AND MORTAR AS REQUIRED TO MATCH EXISTING.
4. ALL CRACKED/DAMAGED EXISTING CONCRETE TO BE PATCHED AS REQUIRED TO BE MADE WATERPROOF/MATCH EXISTING.
5. ALL EXISTING ROOFING TO REMAIN. AREAS REQUIRING REPLACEMENT OR PATCHING ARE TO MATCH EXISTING.
6. ALL EXISTING STAR BOLTS AND METAL ROOF BEAM TIES ARE TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON METAL STAR BOLTS OR ROOF BEAM TIES. NOTIFY ARCHITECT IMMEDIATELY IF INDIVIDUAL CONDITIONS NEED REHABILITATION OR REPAIR.
7. IT IS THE INTENT OF THIS PROJECT THAT ALL EXISTING HISTORIC WOOD WINDOWS DOORS, TRANSOMS AND SIDELIGHTS ARE TO BE RESTORED AND REPAIRED IN ACCORDANCE WITH THE GUIDELINES PROVIDED IN THESE DOCUMENTS. SUBCONTRACTORS RELATED TO THIS SCOPE SHALL SURVEY AND REVIEW ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. COST PROPOSALS MUST INCLUDE DOCUMENTATION OF EXISTING CONDITIONS AND PROPOSED SCOPE OF REHABILITATION OF EACH OPENING. IF ANY OPENING IS REASONABLY BEYOND REPAIR AND REQUIRES REPLACEMENT, PROPOSALS SHALL STATE JUSTIFICATION FOR REPLACEMENT WITH THEIR COST PROPOSAL. EXISTING INTERIOR SYSTEM REMNANTS FOR OPERATING WINDOWS AT MONITORS TO REMAIN.
8. EXISTING COLUMNS TO REMAIN. NO SCRAPING OR PAINTING IS TO BE PERFORMED ON COLUMNS. COLUMNS OFF THEIR BASES TO BE RECENTERED. CRACKED COLUMNS WITH CROSS SECTION MISSING TO BE PATCHED WITH BONDO WOOD FILLER WITH MATCHING WOOD GRAIN. APPLY MATTE CLEAR COAT AROUND ALL COLUMNS ONCE ANY REQUIRED PATCHING IS COMPLETE.
9. ALL EXISTING BATHROOMS, PLUMBING FIXTURES AND PIPING TO BE REMOVED.
10. ANY PLUMBING, ELECTRICAL OR MECHANICAL EQUIPMENT SCHEDULE TO BE REMOVED THAT IS TIED INTO SYSTEMS THAT ARE TO REMAIN, ARE TO BE REMOVED AND TIED OFF IN A MANNER THAT ALLOWS FOR THE CONTINUOUS OPERATION OF THE SYSTEM AS INDICATED ON MEP DRAWINGS. ANY LOCATION WHERE EXISTING UTILITIES, CONDUIT OR PIPING ARE TO BE REMOVED IS TO BE PATCHED WITH MATERIAL TO MATCH EXISTING IN FINISH AND FIRE RATING. INFILL IN BRICK OR STONE WALLS WHICH CANNOT BE FILLED WITH BRICKS MUST BE FILLED WITH MORTAR TO MATCH EXISTING. ANY INFILL IN WOOD FRAMED CONSTRUCTION MUST MATCH EXISTING.
11. EXISTING OVERHEAD PIPING, CONDUIT, AND MECHANICAL EQUIPMENT TO BE REMOVED AT FIRE WALLS AND PATCHED TO MATCH ADJACENT ASSEMBLY.
12. EXISTING INTERIOR STAIRS TO REMAIN. CLEAN AND PREPARE FOR NEW FINISH. PATCH EXISTING PLASTER CEILINGS ABOVE STAIRS AS REQUIRED FOR CONTINUOUS FIRE RATING. IF EXISTING WINDOWS ARE BELOW EXISTING HANDRAILS, THESE AREAS ARE TO BE INFILLED WITH MATERIAL THAT WILL NOT ALLOW PASSAGE OF 4" SPHERE. FINAL FINISH MATERIAL TBD BY OWNER.

BID SET PHASE I
NOT FOR CONSTRUCTION
10.28.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE
LANCASTER,
PA 17601

SHEET TITLE

DEMOLITION & ALTERATION PLAN BOILERPLANT BUILDING ROOF

ISSUE DATE	SCALE	
-	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
1929	KH	PB

DA1.07

10/29/2020 1:00:55 AM C:\Users\pbahn\Documents\1929_StehliSilkMillCentralModel_pbahn.rvt

AUTOMATIC TEMPERATURE CONTROL NOTES:

GENERAL ATC NOTES:

A. OCCUPIED/UNOCCUPIED CONTROL SHALL BE DETERMINED BY UNITARY CONTROLS, USER INTERFACE CONTROLLER, OR 7-DAY PROGRAMMABLE THERMOSTAT. EACH PIECE OF EQUIPMENT SHALL HAVE AN INDEPENDENT OCCUPIED/UNOCCUPIED MODE SCHEDULE.
B. PROVIDE A MUSHROOM TYPE, PUSH OFF, PULL ON SWITCH LOCATED AT THE MAIN LOBBY DOOR WITH CLEAR PLASTIC COVER. LOCATION SHALL BE COORDINATED WITH THE AUTHORITY HAVING JURISDICTION. SWITCH SHALL STOP EACH AIR HANDLING UNIT AND EXHAUST FAN AND CLOSE THE ASSOCIATED UNIT OUTSIDE AIR DAMPER.

DEDICATED OUTSIDE AIR SYSTEM W/ ENERGY RECOVERY (CORRIDOR PRESSURIZATION) CONTROLS

A. CORRIDOR PRESSURIZATION UNIT SHALL BE PROVIDED WITH DUCT-MOUNTED THERMOSTAT AND DUCT-MOUNTED HUMIDITY SENSOR LOCATED WITHIN THE SUPPLY AIR DUCT.
B. THE FAN SHALL RUN CONTINUOUSLY IN THE OCCUPIED MODE.
C. UPON A RISE IN THE DISCHARGE AIR TEMPERATURE ABOVE THE COOLING SETPOINT OF THE DUCT-MOUNTED THERMOSTAT, THE COOLING CYCLE SHALL BE ENERGIZED.
D. UPON A DROP IN THE DISCHARGE AIR TEMPERATURE BELOW THE HEATING SETPOINT OF THE DUCT-MOUNTED THERMOSTAT, THE HEATING CYCLE SHALL BE ENERGIZED.
E. UNIT SHALL BE PROVIDED WITH MODULATING SCR ELECTRIC HEATER SECTIONS AND DIGITAL SCROLL COMPRESSORS TO MAINTAIN LEAVING AIR TEMPERATURE SETPOINTS (70°F-75°F). A LOCAL ALARM SHALL INITIATE UPON SENSING A DROP IN DISCHARGE AIR TEMPERATURE DURING THE HEATING CYCLE.
F. UPON SENSING DISCHARGE AIR TEMPERATURE BELOW SETPOINT(ADJUSTABLE) FOR LONGER THAN 30 SECONDS AND THE SUPPLY FAN HAS BEEN ON FOR LONGER THAN LOW DISCHARGE AIR TEMPERATURE ALARM DELAY (ADJUSTABLE) THE LOW DISCHARGE AIR TEMPERATURE FAULT WILL OCCUR AND DEENERGIZE THE UNIT. THE UNIT WILL REMAIN DEENERGIZED UNTIL THE TEMPERATURE FAULT IS MANUALLY CLEARED THROUGH KEYPAD OR REMOTE SIGNAL.
G. ON A RISE IN LEAVING AIR RELATIVE HUMIDITY, AS SENSED BY THE DUCT-MOUNTED HUMIDITY SENSOR, THE UNIT SHALL ENERGIZE AND MODULATE THE UNIT'S DX COOLING CYCLE TO MAINTAIN RELATIVE HUMIDITY. IF THE DUCT TEMPERATURE DROPS BELOW THE COOLING SET POINT AS SENSED BY THE DUCT-MOUNTED TEMPERATURE SENSOR, WHILE THE RELATIVE HUMIDITY SET POINT REMAINS UNSATISFIED, THE UNITS HOT GAS REHEAT CYCLE SHALL BE ENERGIZED AND MODULATE TO MAINTAIN THE COOLING SET POINT.
H. THE ENERGY RECOVERY WHEEL SHALL MODULATE VIA A VFD BASED ON ITS BUILT IN CONTROLS TO MAINATIN DISCHARGE AIR TEMPERATURE SET POINT (ADJUSTABLE).
I. THE UNIT CONTROLS SHALL MONITOR THE PRESSURE DROP ACROSS THE FILTERS IN THE UNIT. UPON REACHING A PRESSURE DIFFERENTIAL SET POINT (ADJUSTABLE), THE UNIT SHALL GENERATE AN LOCAL ALARM CONDITION INDICATING THE FILTERS NEED TO BE REPLACED.
J. PROVIDE SYSTEM WITH DUCT SMOKE DETECTORS AND ASSOCIATED CONTROLS FURNISHED BY DIVISION 26 AND INSTALLED BY DIVISION 20.
K. UPON SENSING IMPROPER CONDITIONS, DUCT SMOKE DETECTORS SHALL DE-ENERGIZE THE SUPPLY AND RELIEF FANS, AND CLOSE THE OUTSIDE AIR AND RELIEF AIR DAMPERS.
L. UPON SENSING LOW DISCHARGE AIR TEMPERATURE, THE SUPPLY FAN AND RELIEF FANS SHALL DE-ENERGIZE, AND THE OUTSIDE AIR AND RELIEF AIR DAMPERS SHALL CLOSE. A LOCAL ALARM SHALL BE GENERATED.

MULTI-SPLIT SYSTEM CONTROLS

A. HEAT PUMP SHALL BE PROVIDED WITH A WALL MOUNTED THERMOSTAT.
B. THE FAN SHALL CYCLE BASED ON CALL FOR COOLING OR HEATING
C. UPON A RISE IN SPACE TEMPERATURE ABOVE THE COOLING SETPOINT OF THE THERMOSTAT, THE COOLING CYCLE SHALL BE ENERGIZED.
D. UPON A DROP IN SPACE TEMPERATURE BELOW THE HEATING SETPOINT OF THE THERMOSTAT, THE HEATING CYCLE SHALL BE ENERGIZED
E. AN INTERNAL WATER LEVEL DETECTOR SHALL SEND A SIGNAL TO INITATE A LOCAL ALARM UPON SENSING IMPROPER CONDITIONS TO SHUT DOWN THE SYSTEM.

ELECTRIC HEATER CONTROLS (EWH AND EUH)

A. ELECTRIC HEATER SHALL OPERATE OFF OF BUILT-IN THERMOSTAT.
B. ELECTRIC HEATER SHALL ENERGIZE ONCE THERMOSTAT FALLS BELOW SETPOINT (ADJUSTABLE).
C. LECTRIC HEATER SHALL DEENERGIZE ONCE THERMOSTAT FALLS ABOVE SETPOINT (ADJUSTABLE).

EXHASUT FAN CONTROS

A. PROVIDE WALL MOUNTED REVERSE ACTING THERMOSTAT FOR EXHAUST FAN.
B. EXHAUST FAN SHALL ENERGIZE TO VENTILATE ROOM ONCE THERMOSTAT FALLS ABOVE SETPOINT (ADJUSTABLE) AND MOD ON OUTSIDE AIR LOUVER SHALL OPEN. EXHAUST FAN SHALL DEENERGIZE ONCE THERMOSTAT FALLS BELOW SETPOINT (ADJUSTABLE) AND MOD ON OUTSIDE AIR LOUVER SHALL CLOSE.
C. PROVIDE TIME CLOCK FOR EXHAUST FAN TO RUN ONE HOUR PER DAY (ADJUSTABLE).

ROOFTOP UNIT CONTROLS (RTU)

A. HEAT PUMP SHALL BE PROVIDED WITH A TEMPERATURE SENSOR LOCATED WITHIN THE ELEVATOR SHAFT.
B. THE FAN SHALL CYCLE BASED ON CALL FOR COOLING OR HEATING
C. UPON A RISE IN SPACE TEMPERATURE ABOVE THE COOLING SETPOINT OF THE THERMOSTAT, THE COOLING CYCLE SHALL BE ENERGIZED.
D. UPON A DROP IN SPACE TEMPERATURE BELOW THE HEATING SETPOINT OF THE THERMOSTAT, THE HEATING CYCLE SHALL BE ENERGIZED.
E. AN INTERNAL WATER LEVEL DETECTOR SHALL SEND A SIGNAL TO INITATE A LOCAL ALARM UPON SENSING IMPROPER CONDITIONS TO SHUT DOWN THE SYSTEM.

GENERAL NOTES
(APPLY TO WORK PROVIDED UNDER DIV. 20):

1. GENERAL: FURNISH LABOR, EQUIPMENT AND MATERIALS NECESSARY FOR THE INSTALLATION OF THE COMPLETE MECHANICAL SYSTEMS AS SPECIFIED HEREIN AND INDICATED IN THE CONTRACT DOCUMENTS. OUTLINE DESCRIPTION AND DIAGRAMMATIC REPRESENTATION OF SYSTEM OPERATION AND EQUIPMENT DOES NOT LIMIT CONTRACTOR LIABILITY FOR FURNISHING AND INSTALLING COMPLETE AND OPERABLE SYSTEMS.
2. APPLICABLE CODES: THE INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE CODE OF THE LOCAL AUTHORITY HAVING JURISDICTION.
3. NOTE DEFINITIONS: "DRAWING NOTES" APPLY TO THE ENTIRE DRAWING ON WHICH THEY APPEAR, WHERE RELEVANT. "SPECIFIC NOTES" APPLY ONLY WHERE INDICATED WITH THE "SPECIFIC NOTE" SYMBOL. REFER TO LEGEND.
4. DUCTWORK TO BE SHEET METAL UNLESS NOTED OTHERWISE.
5. PROVIDE REQUIRED CLEARANCE FOR MAINTENANCE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS OR AS REQUIRED BY CODE FOR MECHANICAL EQUIPMENT.
6. VERIFY THAT EXISTING EQUIPMENT THAT IS TO REMAIN IS FULLY FUNCTIONAL AND OPERATIONAL.
7. PERMITS: INCLUDE IN THE BID PRICE THE PAYMENT OF NECESSARY PERMITS. FURNISH THE OWNER PRIOR TO THE FINAL PAYMENT A CERTIFICATE FROM THE INSPECTION DEPARTMENT HAVING JURISDICTION CERTIFYING THAT THE WORK MEETS THE REQUIREMENTS OF THE LOCAL INSPECTION AUTHORITIES AND/OR THE NATIONAL BOARD OF FIRE UNDERWRITERS.
8. SCHEDULING: COORDINATE WITH THE OWNER FOR SCHEDULING OF WORK.
9. WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
10. KEEP THE WORK SITE AND SURROUNDING AREA FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH GENERATED BY WORK FROM THIS CONTRACT. PROPERLY AND LEGALLY DISPOSE OF MATERIALS.
11. SAFETY: JOB SITE SAFETY SHALL BE IN STRICT ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
12. VISIT THE SITE AND CAREFULLY EXAMINE EXISTING CONDITIONS THAT MAY AFFECT THE BID.
13. EXISTING MECHANICAL INSTALLATION: EXISTING MECHANICAL WORK WHICH WILL NOT BE RENDERED OBSOLETE AND WHICH MAY BE DISTURBED DUE TO ANY CHANGES REQUIRED UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION. OTHER MECHANICAL ITEMS RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED.
14. WHERE EXISTING MECHANICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE DISCONNECTED AND RELOCATED AND/OR RECONNECTED TO COORDINATE WITH NEW WORK AS INDICATED IN THE CONTRACT DOCUMENTS AND AS SPECIFIED.
15. DO NOT DISCONTINUE ANY MECHANICAL SYSTEM SERVICE WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE USER AGENCY. THE MECHANICAL SYSTEM OUTAGES SHALL BE KEPT TO A MINIMUM.
16. PROVIDE SUBMITTALS (SHOP DRAWINGS) FOR REVIEW FOR NEW MATERIALS AND EQUIPMENT. PRIOR TO SUBMITTING, REVIEW SUBMITTALS FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS, CONFLICTS WITH OTHER TRADES, AND CONSTRUCTIBILITY. IDENTIFY ANY DEVIATIONS IN SUBMITTALS FROM CONTRACT DOCUMENTS. ENGINEER'S REVIEW OF SUBMITTALS DOES NOT INCLUDE REVIEW OF DIMENSIONS, DETAILS, OR QUANTITIES. REVIEW DOES NOT WAIVE ANY REQUIREMENTS OF CONTRACT DOCUMENTS, INCLUDING REQUIREMENT TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM.
17. WHEN MOUNTING MECHANICAL WORK IN AREAS SUBJECT TO PEDESTRIAN TRAFFIC, MAINTAIN REQUIRED HEADROOM CLEARANCES.
18. MECHANICAL MATERIALS AND EQUIPMENT SHALL BE INSTALLED AS TO MAINTAIN THEIR RESPECTIVE UL RATING AND SHALL CONFORM TO FACTORY MUTUAL STANDARDS AS APPLICABLE.
19. MECHANICAL WORK SHALL BE CONCEALED IN FINISHED AREAS SHOWN ON THE ARCHITECTURAL DRAWINGS UNLESS NOTED OTHERWISE.
20. EQUIPMENT LOCATIONS: REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT DIFFUSER LOCATIONS AND THE ELECTRICAL DRAWINGS FOR EXACT ELECTRICAL EQUIPMENT LOCATIONS. LOCATIONS OF MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING ARE SHOWN DIAGRAMMATICALLY. DETERMINE EXACT LOCATIONS IN THE FIELD.
21. WHERE NEW OR RELOCATED CONTROL DEVICES ARE SHOWN ON EXISTING WALLS, CUT WALL, INSTALL DEVICE AND CONDUIT, AND REPAIR WALL PROPERLY TO ITS ORIGINAL CONDITION.
22. SEALING FITTINGS AND APPROVED SEALING COMPOUND SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE CODE. SEAL AROUND PENETRATIONS OF FIRE-RATED WALLS WITH AN APPROVED SEALANT.
23. LOCATIONS OF DUCTWORK, AIR DEVICES, TEMPERATURE CONTROLS, AND EQUIPMENT SHALL BE COORDINATED WITH THE ARCHITECTURAL LAYOUTS, EQUIPMENT CUTS AND PLUMBING/ELECTRICAL/STRUCTURAL PLANS. NO WORK SHALL BE INSTALLED UNTIL THE LOCATIONS HAVE BEEN VERIFIED. BRING ANY DISCREPANCY TO THE ARCHITECTS ATTENTION PRIOR TO MANUFACTURING OF DUCTWORK OR INSTALLATION.
24. NORTH ARROWS ON THESE DRAWINGS INDICATE PLAN NORTH ONLY.
25. INSTALL A MANUAL VOLUME DAMPER IN EACH BRANCH DUCT THAT RUNS TO (1) AIR DEVICE.
26. PROVIDE PIPE SLEEVE FOR PIPING PENETRATIONS THROUGH RATED SLABS OR WALLS.
27. "WBD" INDICATES WEIGHTED BAROMETRIC RELIEF DAMPER (ADJUSTABLE).
28. SEAMS IN DUCTWORK SHALL BE FLAT SLIP SEAMS UNLESS CONDITIONS CAN ACCOMMODATE STANDING SEAMS. DUCTS SHALL BE SEALED USING MASTIC THAT MEETS UL STANDARD 181A OR 181B.
29. DUCT JOINTS SHALL BE SEALED USING 3M MODEL 540 DUCT SEALER. EXCESS SEALER SHALL BE REMOVED FROM DUCTWORK AND JOINTS. PAINT SEALED JOINTS TO MATCH FINISH OF DUCTWORK.
30. IN AREAS WHERE WORK IS INSTALLED IN CLOSE PROXIMITY TO WORK OF OTHER TRADES OR WITHIN TRADES COVERED BY THIS DIVISION OF THE SPECIFICATIONS, PREPARE LARGER SCALE DRAWINGS CONSISTING OF PLANS AND SECTIONS TO SHOW HOW WORK IS TO BE INSTALLED IN RELATION TO WORK OF OTHER TRADES.
31. PROVIDE CEILING MOUNTED AIR DEVICES WITH RADIATION DAMPERS.

SPECIFIC NOTES - HVAC	
M1	REFRIGERANT CHASE TO ROOFTOP HEAT PUMP UNITS
M2	REFRIGERNAT PIPING CHASE TO INDOOR AIR HANDLING UNITS
M3	CEILING-TO-CEILING TRANFER GRILLE
M4	FIRE DAMPER IN VERTICAL DUCT
M5	OUTDOOR HEAT PUMP EQUIPMENT MOUNTED ON EQUIPMENT RAILS WITH VIBRATION ISOLATION (TYP.)
M6	DASHED AREA REPRESENTING MANUFACTURER RECOMMENDED SERVICE CLEARANCES.
M8	COONECT EXHAUST AIR TO EXHAUST AIR RISER VIA SUBDUCT.
M9	GOOSENECK DUCT PROVIDED WITH BIRDSCREEN AND ROOF CURB. REFER TO DETAIL

MECHANICAL LEGEND

SYMBOL	
	FLOW METER FITTING
	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
TP	TRAP PRIMER
	RELIEF VALVE
MAV	MANUAL AIR VALVE
AAV	AUTOMATIC AIR VALVE
	STRAINER W/VALVE
	UNION
SA	SHOCK ABSORBER
	FLOW SWITCH
	THERMOMETER
	THERMOMETER WELL
	PRESSURE GAUGE W/ SYPHON & NEEDLE VALVE
	PRESSURE GAUGE W/NEEDLE VALVE
PG	PRESSURE GAUGE TAPPING
	PIPE GUIDE
	ANCHOR
TCV	TEMPERATURE CONTROL VALVE (2-WAY)
TCV	TEMPERATURE CONTROL VALVE (3-WAY)
	STEAM TRAP ASSEMBLY (THERMODYNAMIC)
	DRIP POINT
	BUCKET TRAP
F&T	FLOAT AND THERMOSTATIC TRAP
	FLEXIBLE PIPE CONNECTION
	OS&Y VALVE W/ TAMPER SWITCH
	SHUTOFF VALVE
	CHECK VALVE
BWV	BACK WATER VALVE
PRV	PRESSURE REDUCING VALVE
	PIPE TURNING UP
	PIPE TURNING DOWN
	TEE TURNING UP
	TEE TURNING DOWN
	THERMOSTAT
	SUPPLY DUCT TURNED UP
	SUPPLY DUCT TURNED DOWN
	RETURN OR OUTSIDE AIR DUCT TURNED UP
	RETURN OR OUTSIDE AIR DUCT TURNED DOWN
	EXHAUST AIR DUCT TURNED UP
	EXHAUST AIR DUCT TURNED DOWN
	FLEXIBLE DUCT CONNECTION
DD	DUCT SMOKE DETECTOR
MVD	MANUAL VOLUME DAMPER
MOD	MOTOR OPERATED DAMPER
SD	SMOKE DAMPER
FD	FIRE DAMPER
BDD	BACKDRAFT DAMPER
OBD	OPPOSED BLADE DAMPER
	INCLINED DUCT RISE
	INCLINED DUCT DOWN
	MATCH LINE
	SECTION DESIGNATION
	DETAIL DESIGNATION
	CARBON MONOXIDE DETECTOR
	NITROGEN DIOXIDE DETECTOR
	THERMOSTAT
	POINT OF DEMOLITION
	CONNECT TO EXISTING
	DEMOLITION SPECIFIC NOTE
	NEW WORK SPECIFIC NOTE

MECHANICAL ABBREVIATIONS

ABBREV	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
BTU	BRITISH THERMAL UNIT
CB	CATCH BASIN
CFH	CUBIC FEET HOUR
CFM	CUBIC FEET MINUTE
DIFF	DIFFUSER
DB	DRY BULB
EAT	ENTERING AIR TEMPERATURE
ESP	EXTERNAL STATIC PRESSURE
EX	EXISTING
EXH	EXHAUST
EXTR	EXISTING TO REMAIN
(FLOOR PLAN -M-1)	FOR CONTINUATION SEE FLOOR PLAN ON DRAWING M-1
GR	GRILLE
GPM	GALLONS PER MINUTE
KW	KILOWATTS
LAT	LEAVING AIR TEMPERATURE
MBH	THOUSAND BTU/HR
OA	OUTSIDE AIR
PD	PRESSURE DROP
RA	RETURN AIR
REG	REGISTER
RX	REMOVE EXISTING
SA	SUPPLY AIR
TSP	TOTAL STATIC PRESSURE
V-PH	VOLT-PHASE
VTR	VENT THROUGH ROOF

DRAWING LIST - MECHANICAL- PHASE 1

SHEET NUMBER	SHEET NAME
M0.00	SYMBOLS, NOTES & ABBREVIATIONS
M1.01	BASEMENT FLOOR PLAN, MILL 1 - HVAC
M1.02	FIRST FLOOR PLAN, MILL 1 - HVAC
M1.03	FIRST FLOOR PLAN, MILL 2 - HVAC
M1.04	FIRST FLOOR PLAN, MILL 3 - HVAC
M1.05	SECOND FLOOR PLAN, MILL 1 - HVAC
M1.06	SECOND FLOOR PLAN, MILL 2 - HVAC
M1.07	SECOND FLOOR PLAN, MILL 3 - HVAC
M1.08	THIRD FLOOR PLAN, MILL 1 - HVAC
M1.09	THIRD FLOOR PLAN, MILL 2 - HVAC
M1.10	THIRD FLOOR PLAN, MILL 3 - HVAC
M1.11	ROOF PLAN, MILL 1 - HVAC
M1.12	ROOF PLAN, MILL 2 - HVAC
M1.13	ROOF PLAN, MILL 3 - HVAC
M1.14	BUILDING-21 FLOOR PLAN - HVAC
M1.15	FIRST FLOOR PLAN BOILER BUILDING - HVAC
M1.16	SECOND FLOOR PLAN BOILER BUILDING - HVAC
M1.17	ROOF PLAN BOILER BUILDING - HVAC
M4.01	UNIT PLANS, MILLS 1,2,3 - MECHANICAL
M4.02	UNIT PLANS, MILLS 1,2,3 - MECHANICAL
M4.03	UNIT PLANS, MILLS 1,2,3 - MECHANICAL
M5.01	MECHANICAL RISER
M5.02	MECHANICAL RISER - MILL 1
M5.03	MECHANICAL RISER - MILL 2
M5.04	MECHANICAL RISER - MILL 3
M7.01	MECHANICAL SCHEDULES
M7.02	MECHANICAL SCHEDULES
M8.01	MECHANICAL DETAILS

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

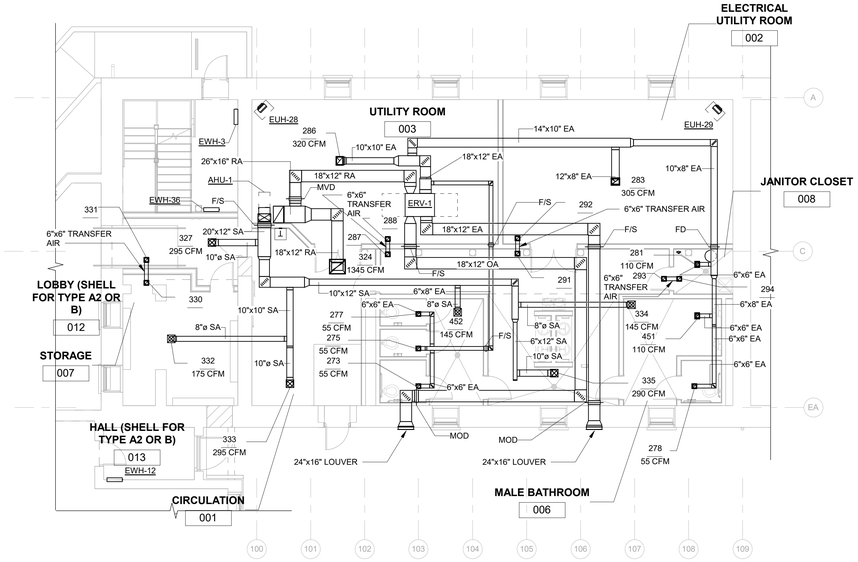
SHEET TITLE
SYMBOLS, NOTES & ABBREVIATIONS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	Author	Checker

M0.00

10/19/2020 8:58:15 AM C:\Users\arangh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rangh.rvt

SPECIFIC NOTES - HVAC NEW



1 MILL 1 BASEMENT PLAN - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

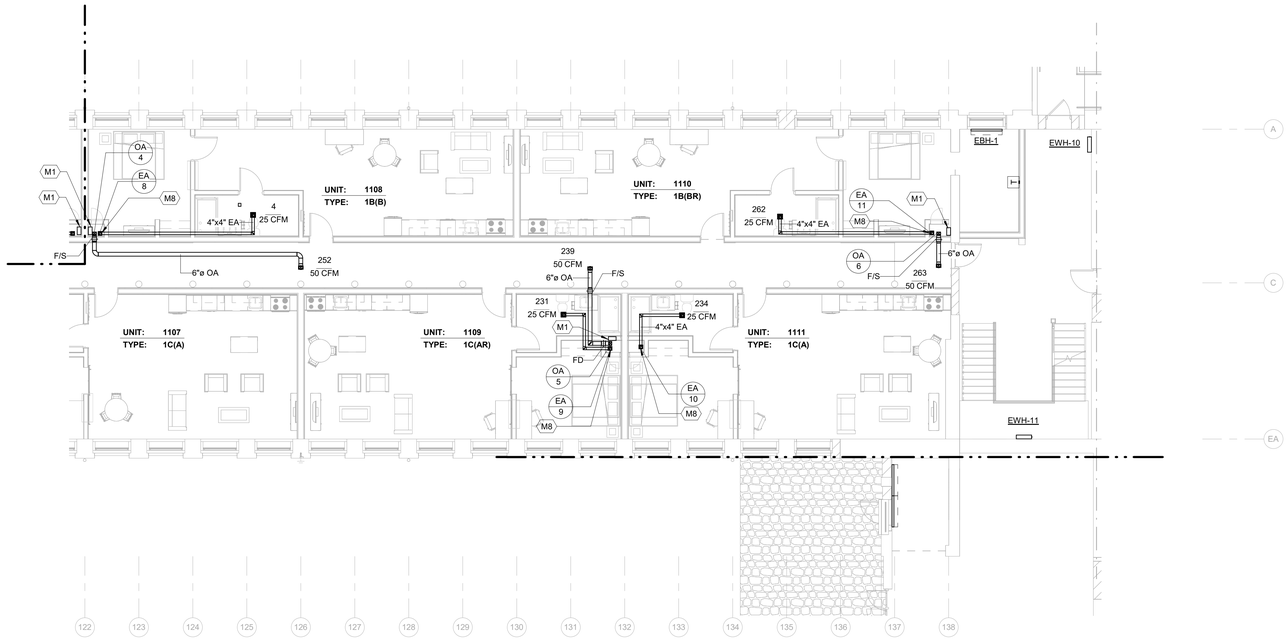
SHEET TITLE
BASEMENT FLOOR PLAN, MILL 1 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

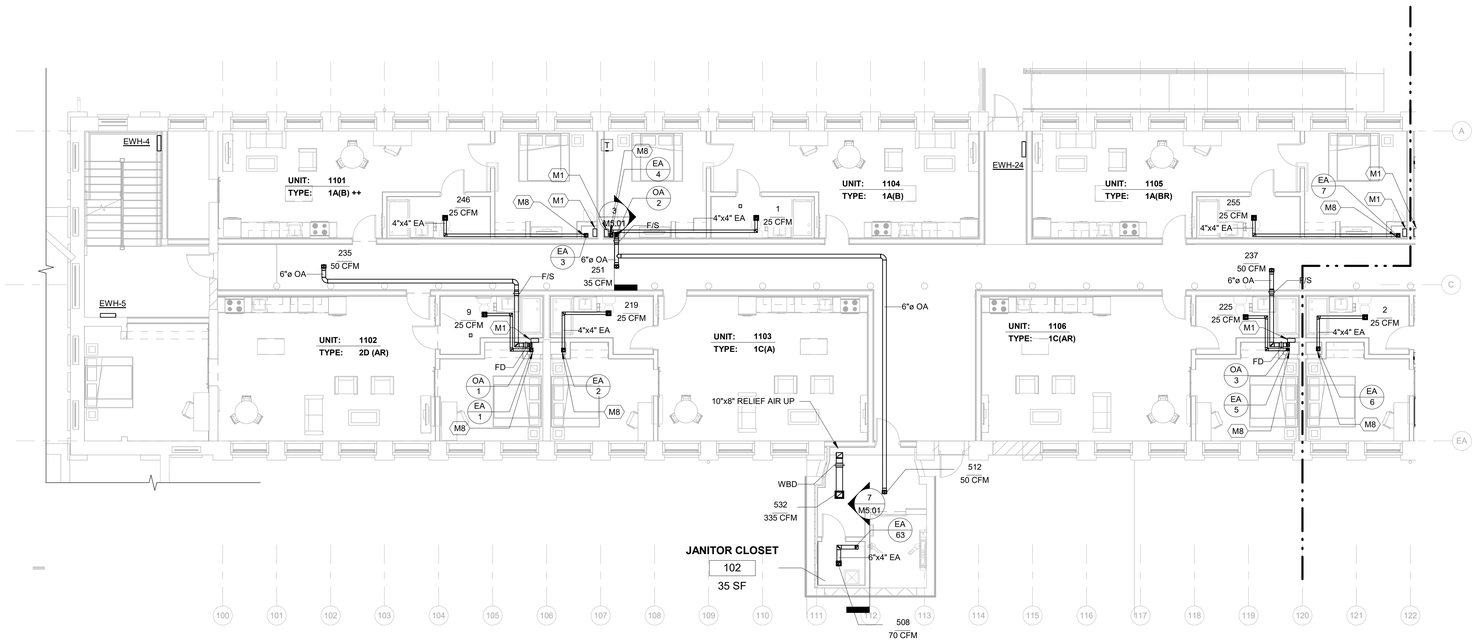
M1.01

10/19/2020 8:56:29 AM C:\Users\mangh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_mangh.rvt

SPECIFIC NOTES - HVAC NEW	
M1	REFRIGERANT CHASE TO ROOFTOP HEAT PUMP UNITS
M8	COONECT EXHAUST AIR TO EXHAUST AIR RISER VIA SUBDUCT.



2 MILL 1 - FIRST FLOOR PLAN B - HVAC
1/8" = 1'-0"



1 MILL 1 - FIRST FLOOR PLAN A - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

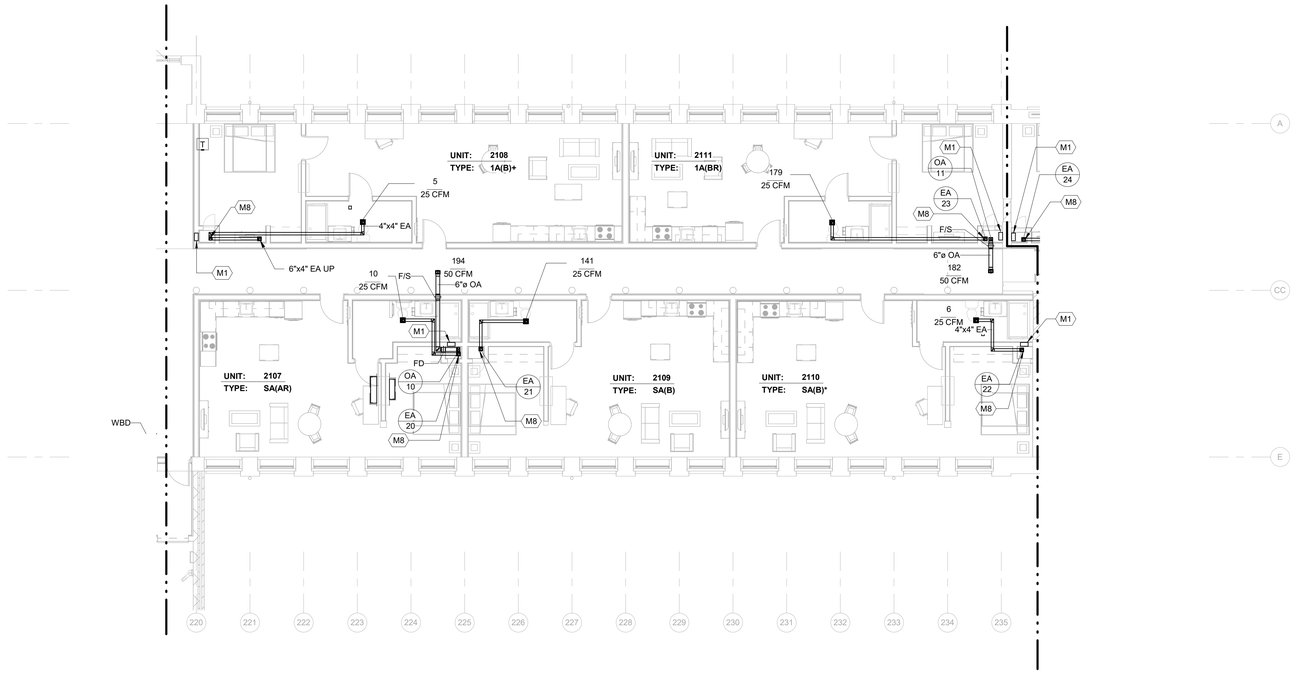
SHEET TITLE
FIRST FLOOR PLAN, MILL 1 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

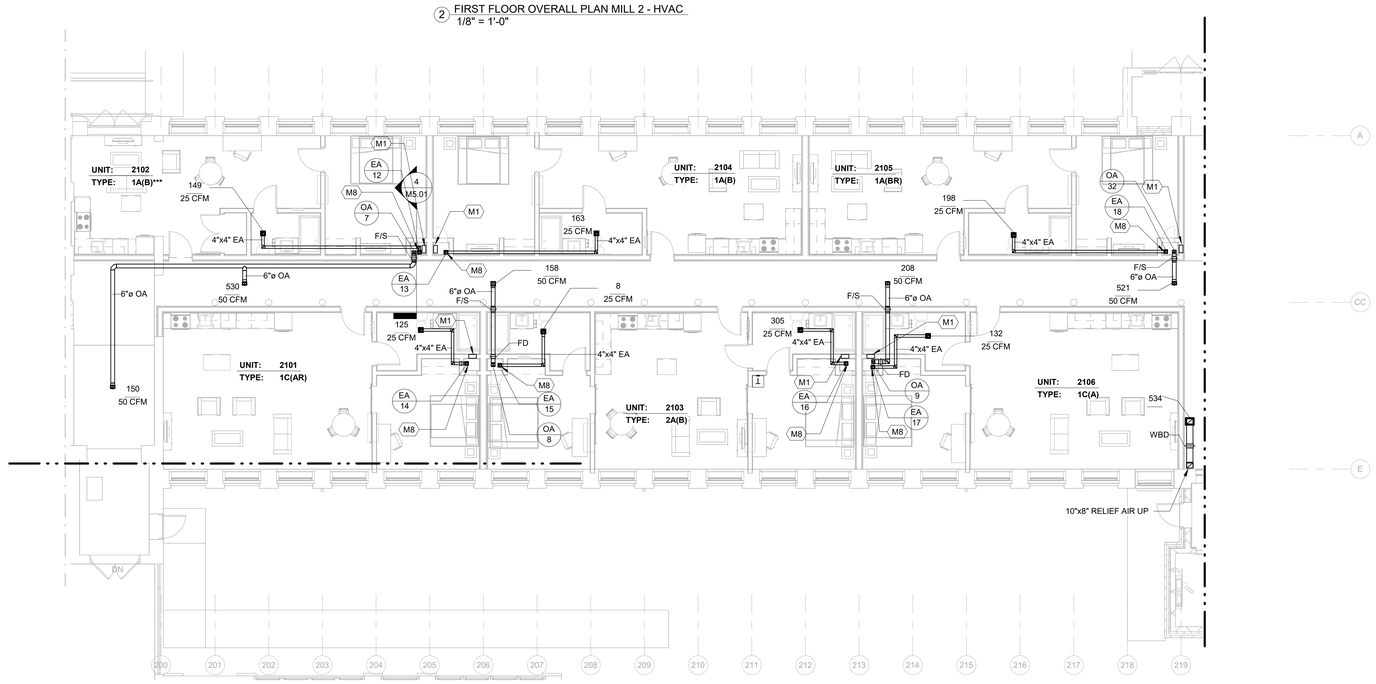
M1.02

10/19/2020 8:58:31 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt

SPECIFIC NOTES - HVAC NEW	
M1	REFRIGERANT CHASE TO ROOFTOP HEAT PUMP UNITS
M8	COONECT EXHAUST AIR TO EXHAUST AIR RISER VIA SUBDUCT.



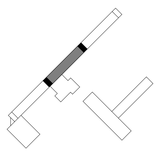
2 FIRST FLOOR OVERALL PLAN MILL 2 - HVAC
1/8" = 1'-0"



1 FIRST FLOOR OVERALL PLAN MILL 2 - HVAC
1/8" = 1'-0"

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

0 4 8 12 16



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

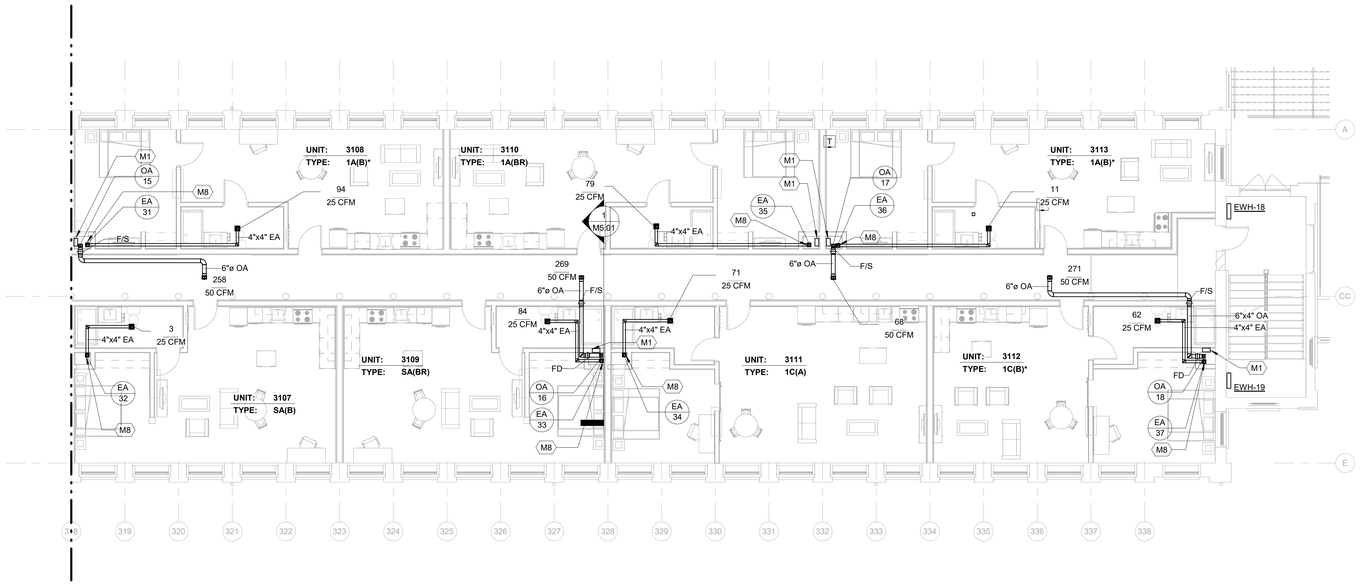
SHEET TITLE
FIRST FLOOR PLAN, MILL 2 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

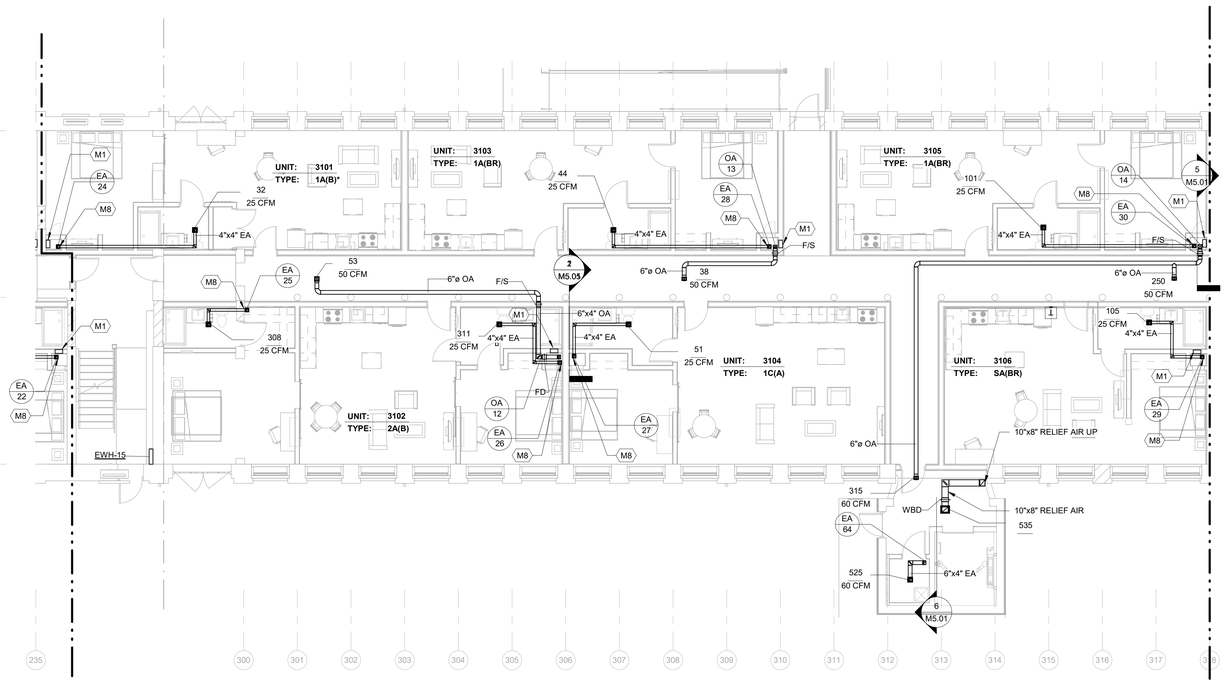
M1.03

10/19/2020 8:58:41 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.UNYQV.rvt

SPECIFIC NOTES - HVAC NEW	
M1	REFRIGERANT CHASE TO ROOFTOP HEAT PUMP UNITS
M8	COONECT EXHAUST AIR TO EXHAUST AIR RISER VIA SUBDUCT.



2 FIRST FLOOR OVERALL PLAN MILL 3 - HVAC
1/8" = 1'-0"



1 FIRST FLOOR OVERALL PLAN MILL 3 - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

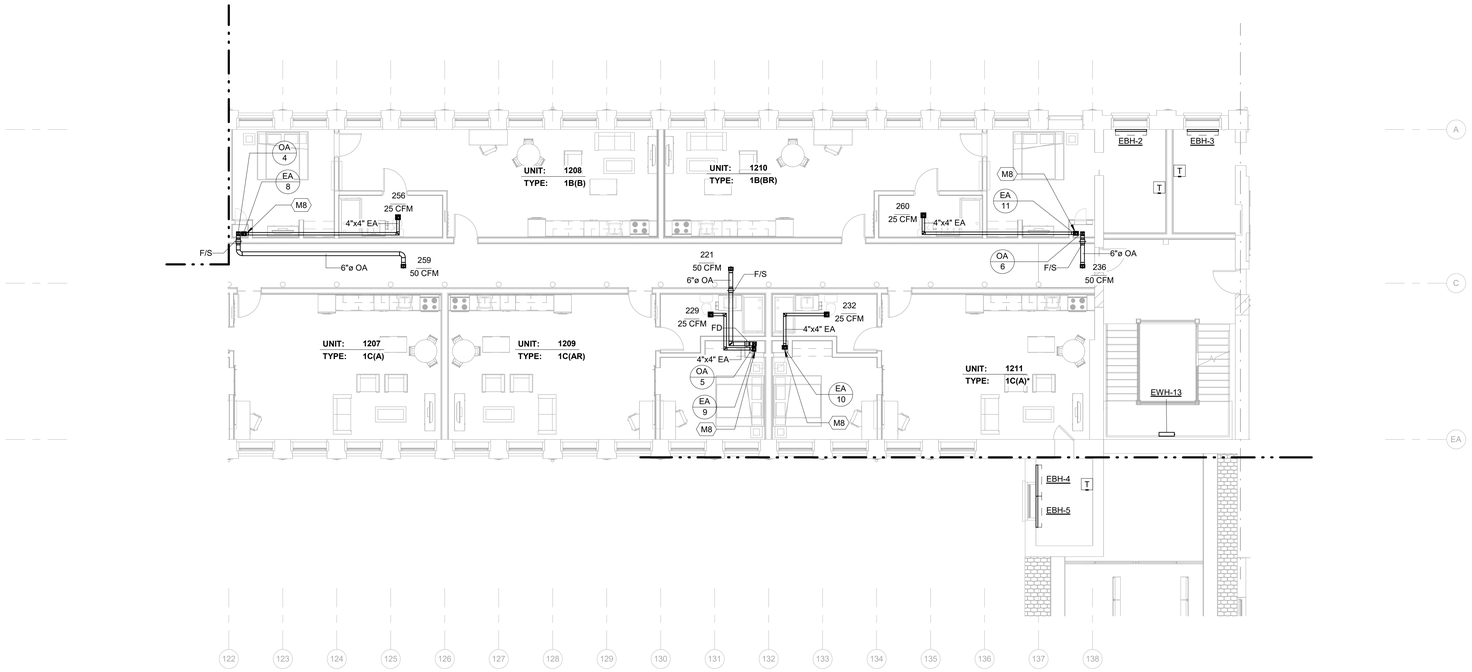
SHEET TITLE
FIRST FLOOR PLAN, MILL 3 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

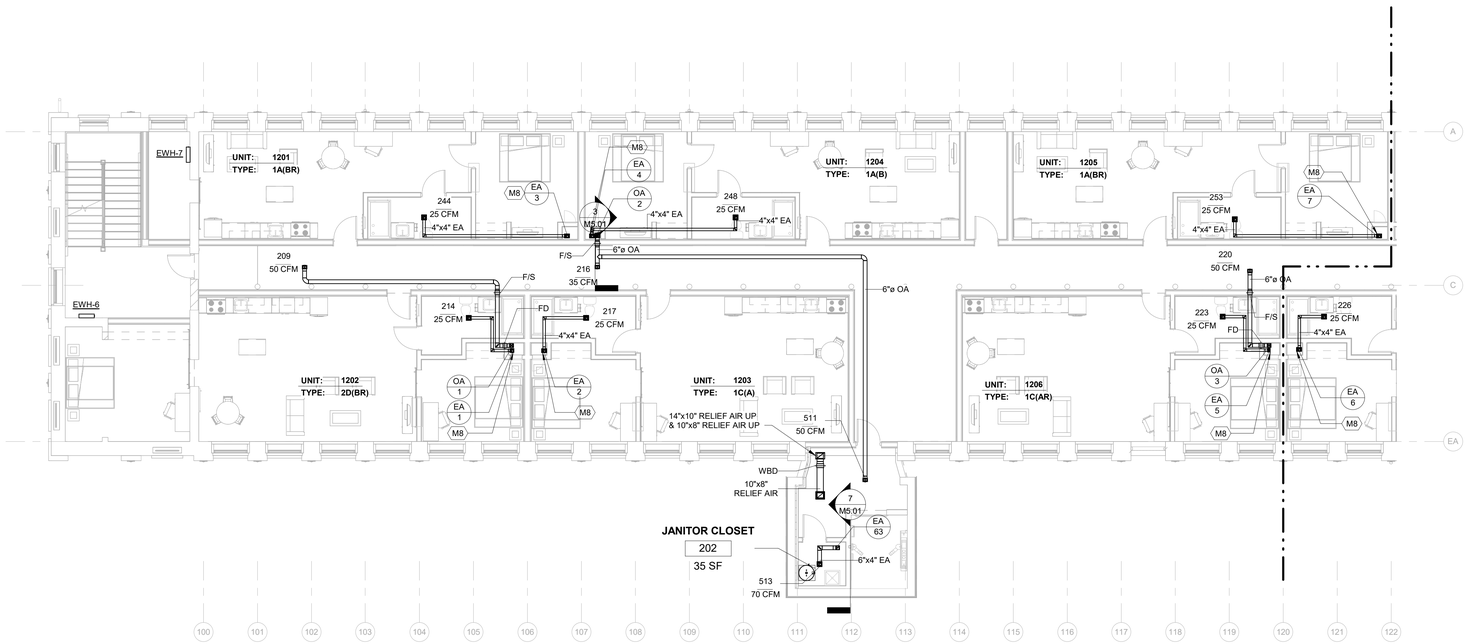
M1.04

10/19/2020 8:58:52 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt

SPECIFIC NOTES - HVAC NEW	
M8	COONECT EXHAUST AIR TO EXHAUST AIR RISER VIA SUBDUCT.



2 SECOND FLOOR OVERALL PLAN MILL 1 - HVAC
1/8" = 1'-0"



1 SECOND FLOOR OVERALL PLAN MILL 1 - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

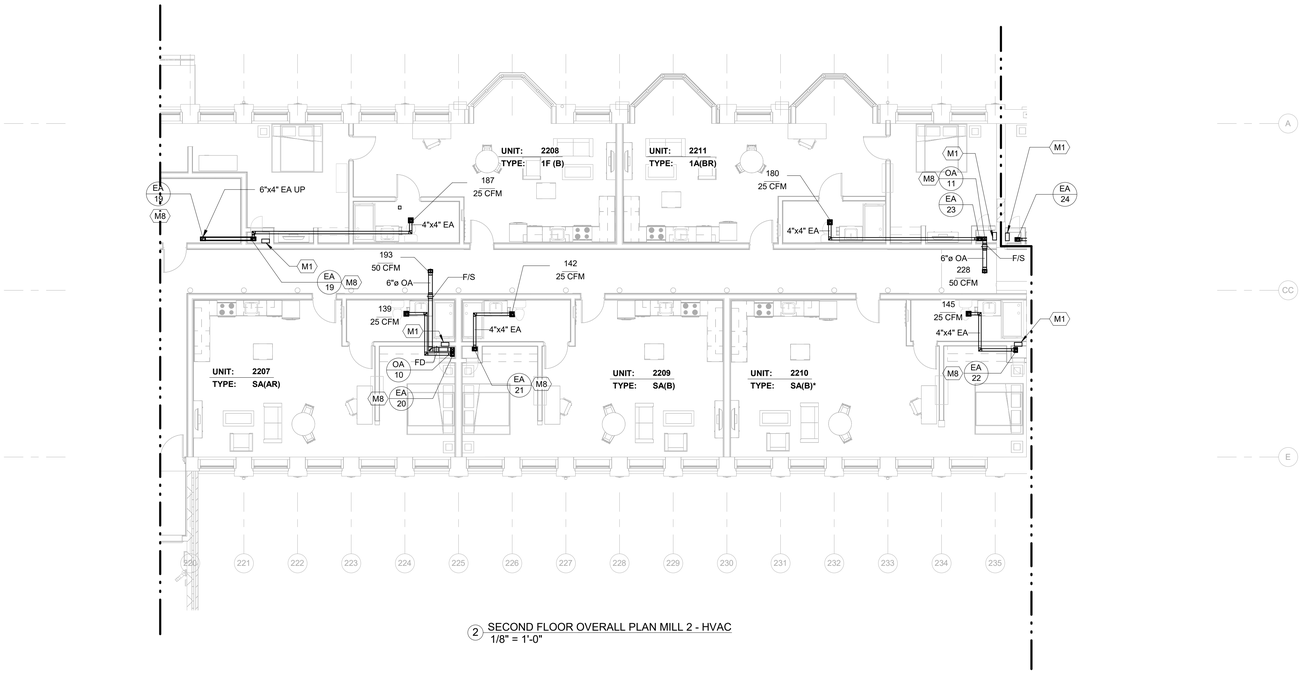
SHEET TITLE
SECOND FLOOR PLAN, MILL 1 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	Author	Checker

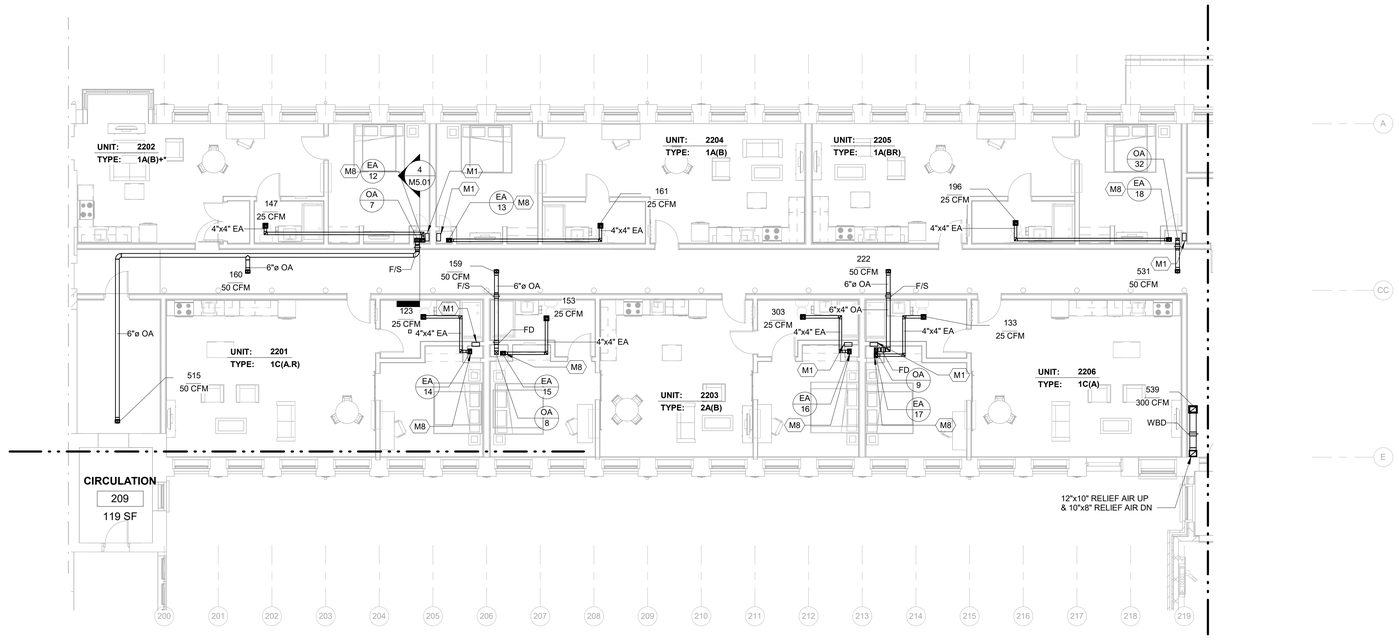
M1.05

10/19/2020 8:59:03 AM C:\Users\singh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_singhJAYQV.rvt

SPECIFIC NOTES - HVAC NEW	
M1	REFRIGERANT CHASE TO ROOFTOP HEAT PUMP UNITS
M8	COONECT EXHAUST AIR TO EXHAUST AIR RISER VIA SUBDUCT.



2 SECOND FLOOR OVERALL PLAN MILL 2 - HVAC
1/8" = 1'-0"



1 SECOND FLOOR OVERALL PLAN MILL 2 - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

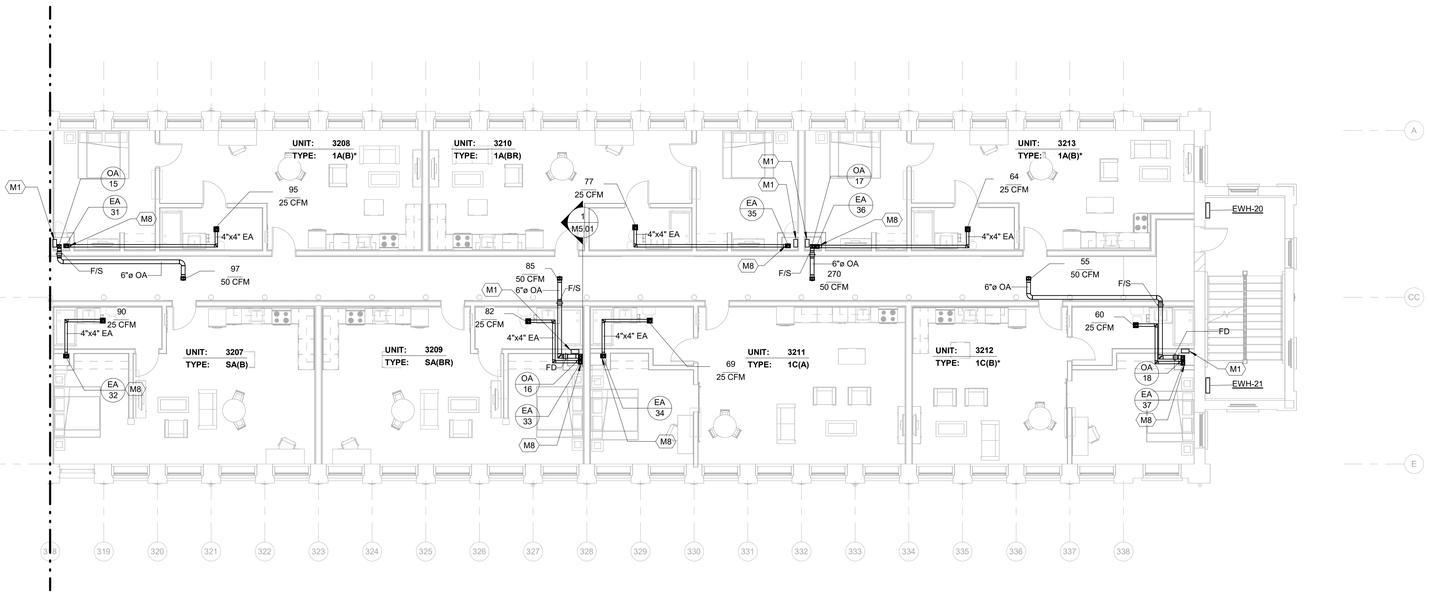
SHEET TITLE
SECOND FLOOR PLAN, MILL 2 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

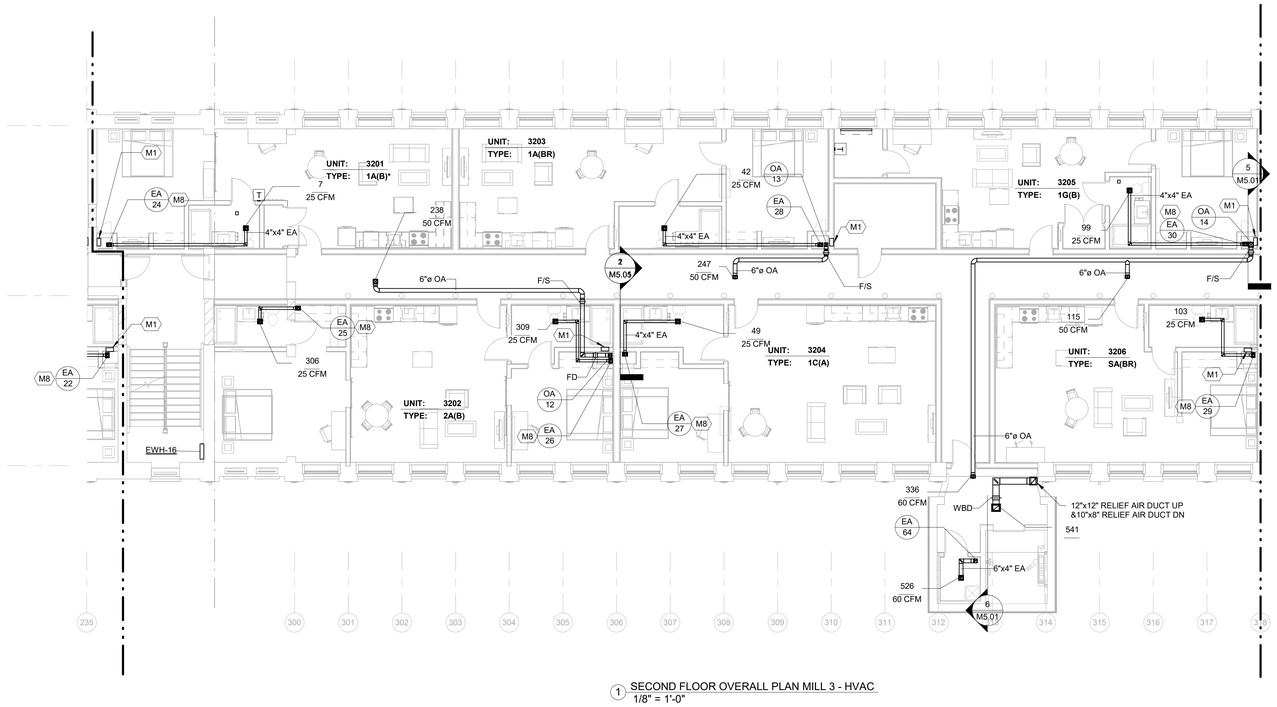
M1.06

10/19/2020 8:59:14 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt

SPECIFIC NOTES - HVAC NEW	
M1	REFRIGERANT CHASE TO ROOFTOP HEAT PUMP UNITS
M8	COONECT EXHAUST AIR TO EXHAUST AIR RISER VIA SUBDUCT.



2 SECOND FLOOR OVERALL PLAN MILL 3 - HVAC
1/8" = 1'-0"



1 SECOND FLOOR OVERALL PLAN MILL 3 - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

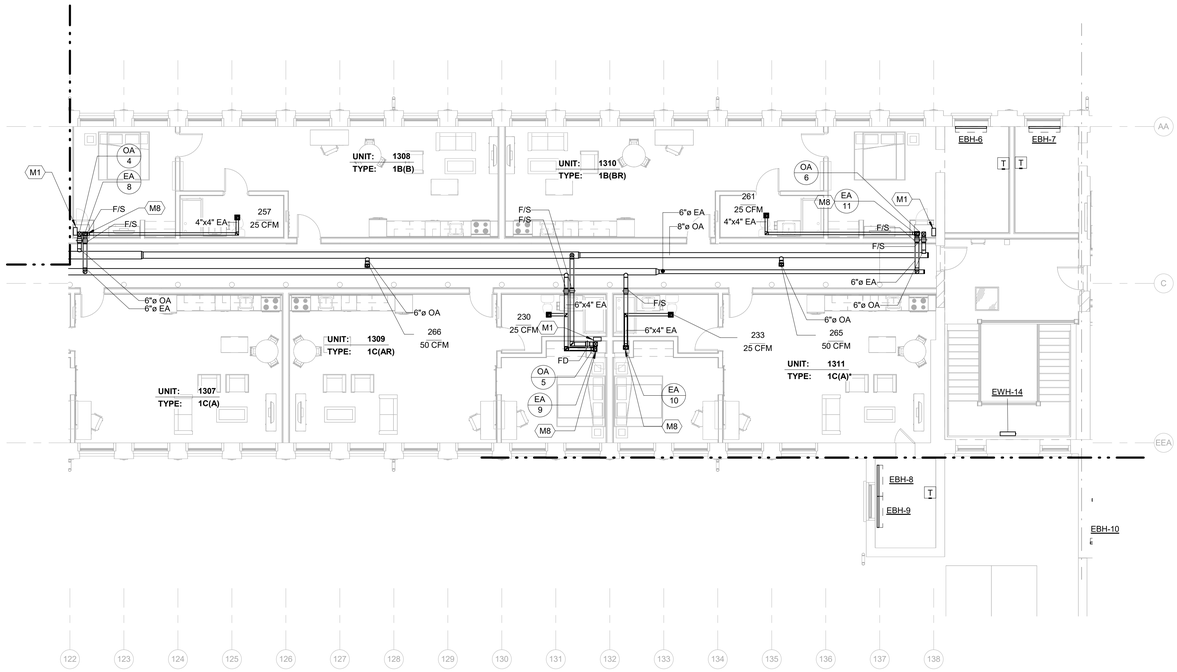
SHEET TITLE
SECOND FLOOR PLAN, MILL 3 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

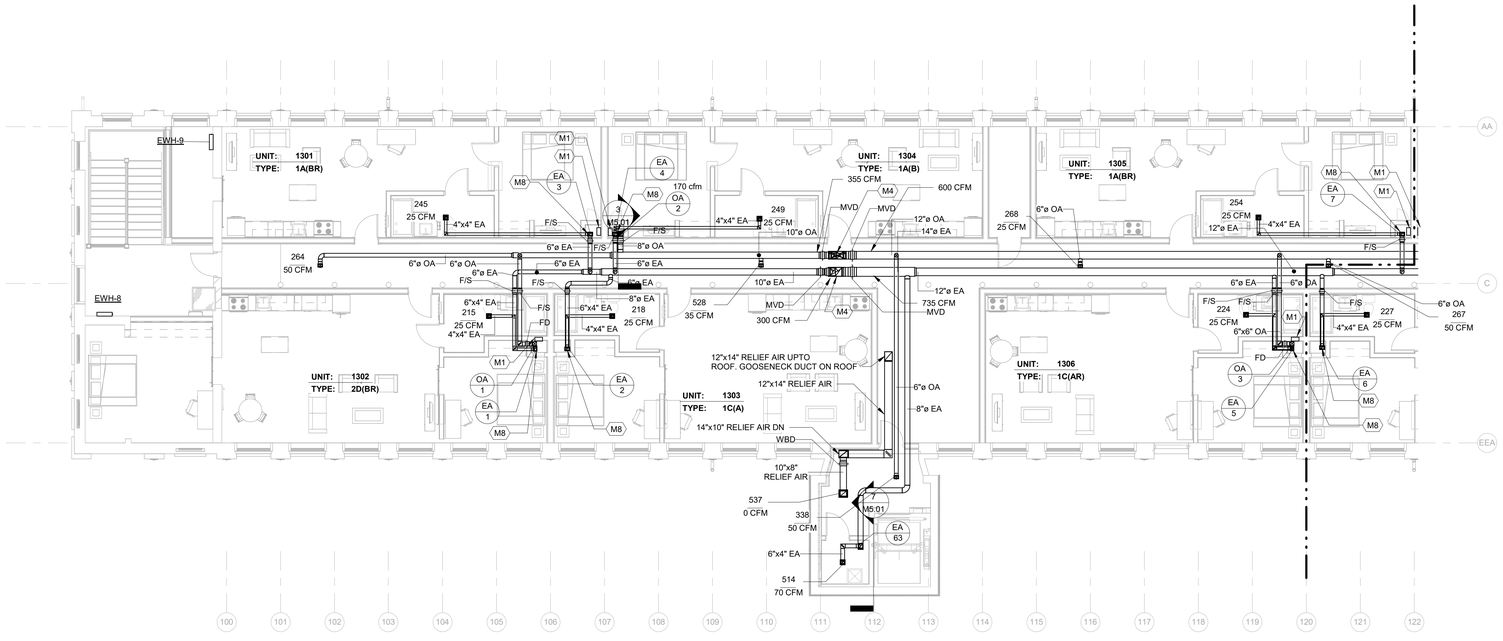
M1.07

10/19/2020 8:59:29 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt

SPECIFIC NOTES - HVAC NEW	
M1	REFRIGERANT CHASE TO ROOFTOP HEAT PUMP UNITS
M4	FIRE DAMPER IN VERTICAL DUCT
M8	COONECT EXHAUST AIR TO EXHAUST AIR RISER VIA SUBDUCT.



2 THIRD FLOOR OVERALL PLAN MILL 1 - HVAC
1/8" = 1'-0"



1 THIRD FLOOR OVERALL PLAN MILL 1 - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

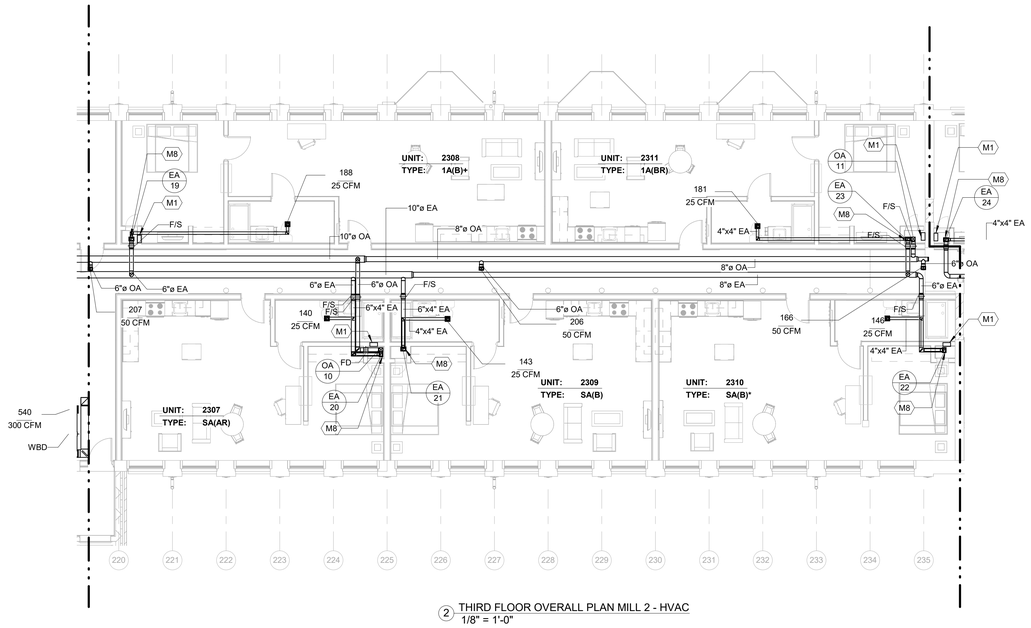
SHEET TITLE
THIRD FLOOR PLAN, MILL 1 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

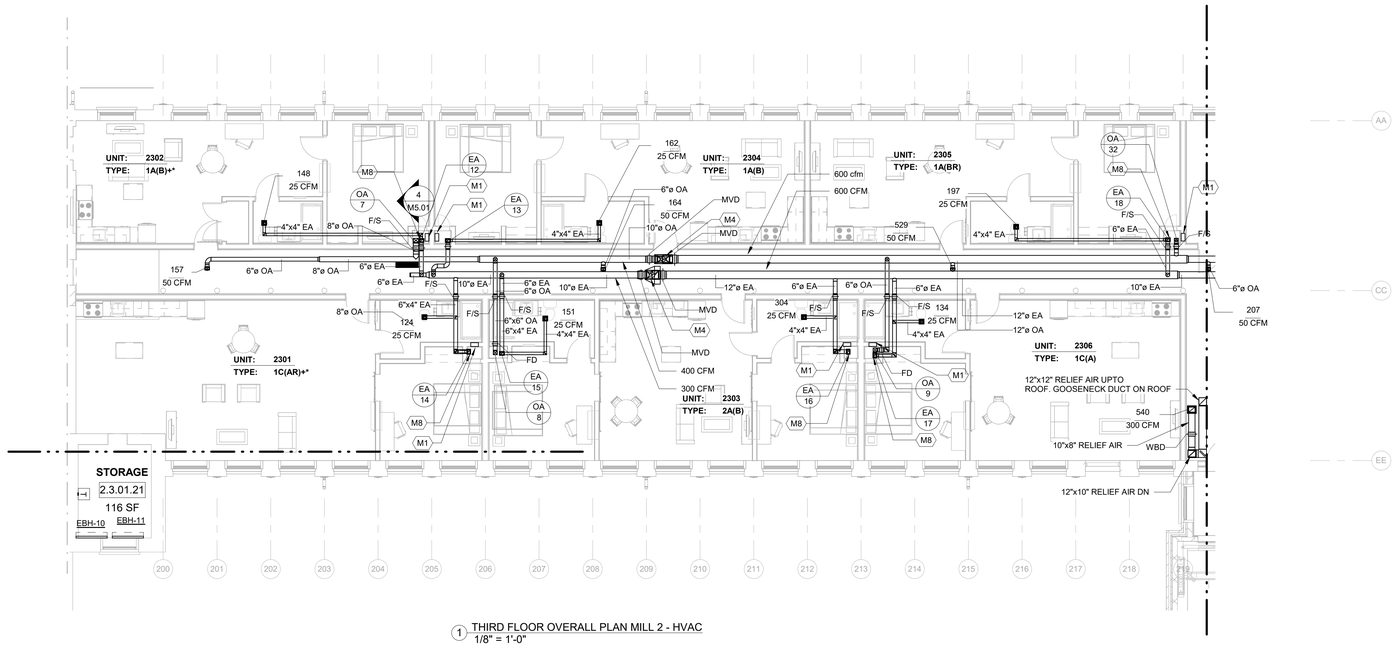
M1.08

10/19/2020 8:59:39 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt

SPECIFIC NOTES - HVAC NEW	
M1	REFRIGERANT CHASE TO ROOFTOP HEAT PUMP UNITS
M4	FIRE DAMPER IN VERTICAL DUCT
M8	COONECT EXHAUST AIR TO EXHAUST AIR RISER VIA SUBDUCT.

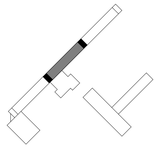


2 THIRD FLOOR OVERALL PLAN MILL 2 - HVAC
1/8" = 1'-0"



1 THIRD FLOOR OVERALL PLAN MILL 2 - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

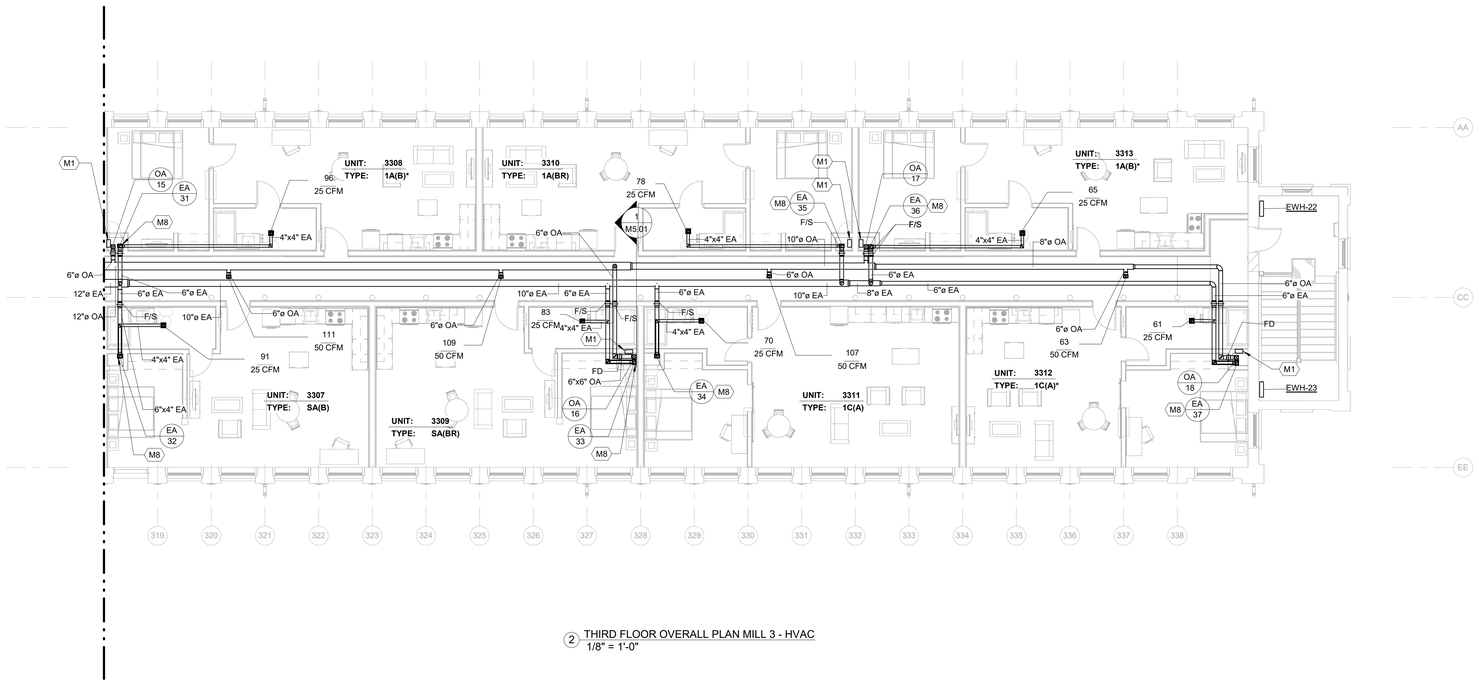
SHEET TITLE
THIRD FLOOR PLAN, MILL 2 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

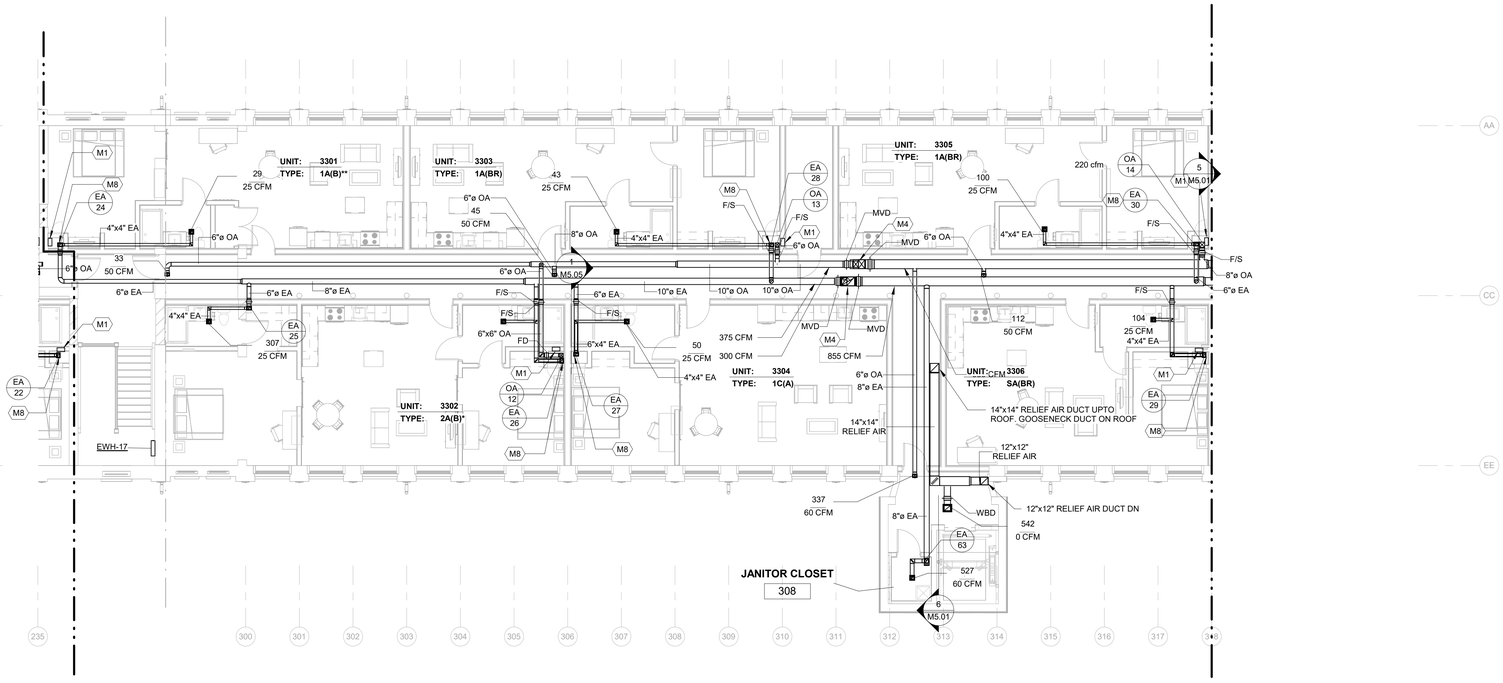
M1.09

10/19/2020 8:59:52 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt

SPECIFIC NOTES - HVAC NEW	
M1	REFRIGERANT CHASE TO ROOFTOP HEAT PUMP UNITS
M4	FIRE DAMPER IN VERTICAL DUCT
M8	COONECT EXHAUST AIR TO EXHAUST AIR RISER VIA SUBDUCT.



2 THIRD FLOOR OVERALL PLAN MILL 3 - HVAC
1/8" = 1'-0"



1 THIRD FLOOR OVERALL PLAN MILL 3 - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

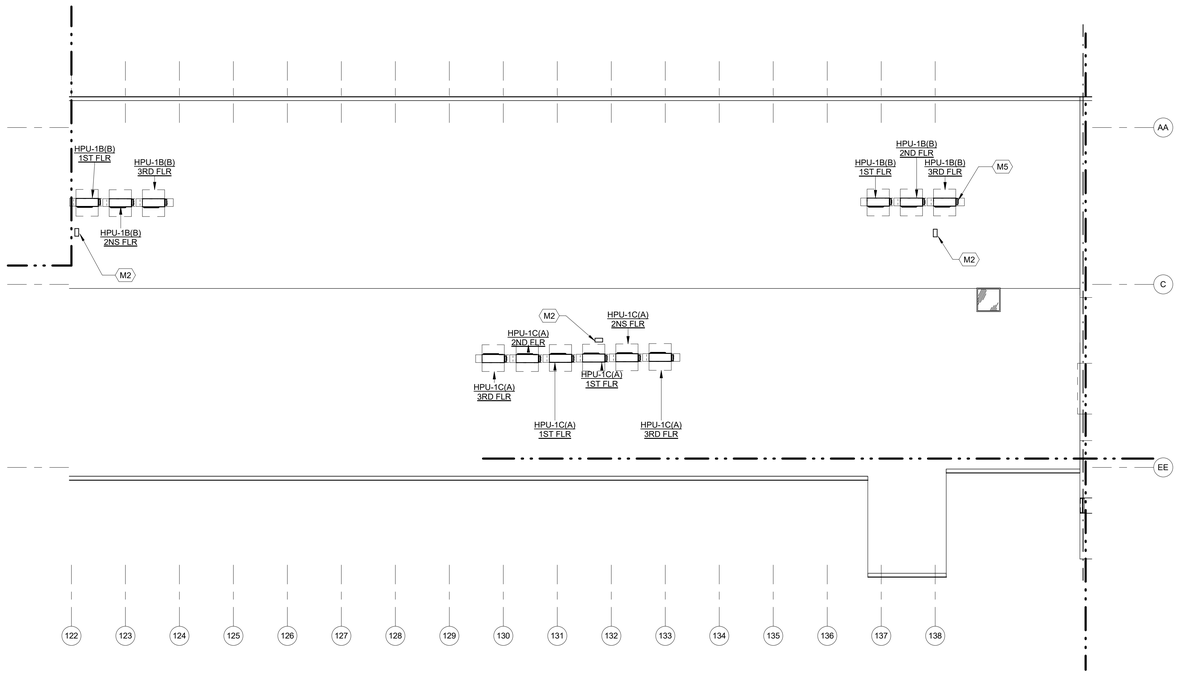
SHEET TITLE
THIRD FLOOR PLAN, MILL 3 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

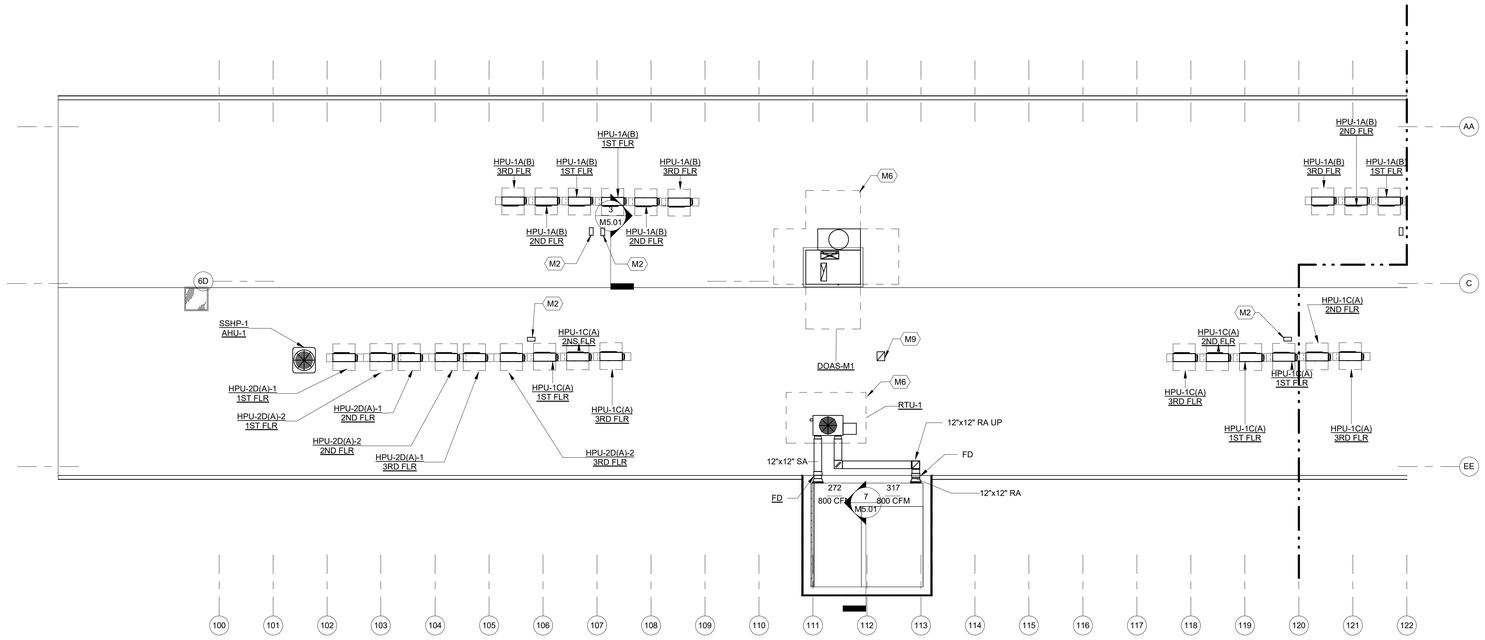
M1.10

10/19/2020 9:00:08 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt

SPECIFIC NOTES - HVAC NEW	
M2	REFRIGERNAT PIPING CHASE TO INDOOR AIR HANDLING UNITS
M5	OUTDOOR HEAT PUMP EQUIPMENT MOUNTED ON EQUIPMENT RAILS WITH VIBRATION ISOLATION (TYP.)
M6	DASHED AREA REPRESENTING MANUFACTURER RECOMMENDED SERVICE CLEARANCES.
M9	GOOSENECK DUCT PROVIDED WITH BIRDSCREEN AND ROOF CURB. REFER TO DETAIL

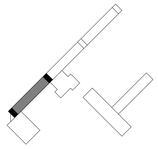


2 ROOF OVERALL PLAN MILL 1 - HVAC
1/8" = 1'-0"



1 ROOF OVERALL PLAN MILL 1 - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

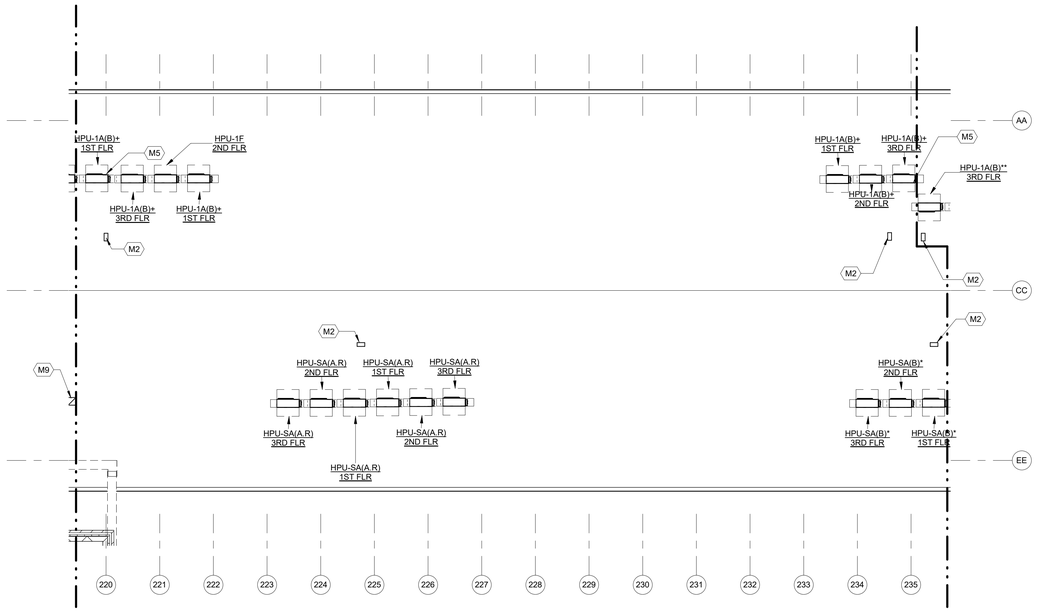
SHEET TITLE
ROOF PLAN, MILL 1 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

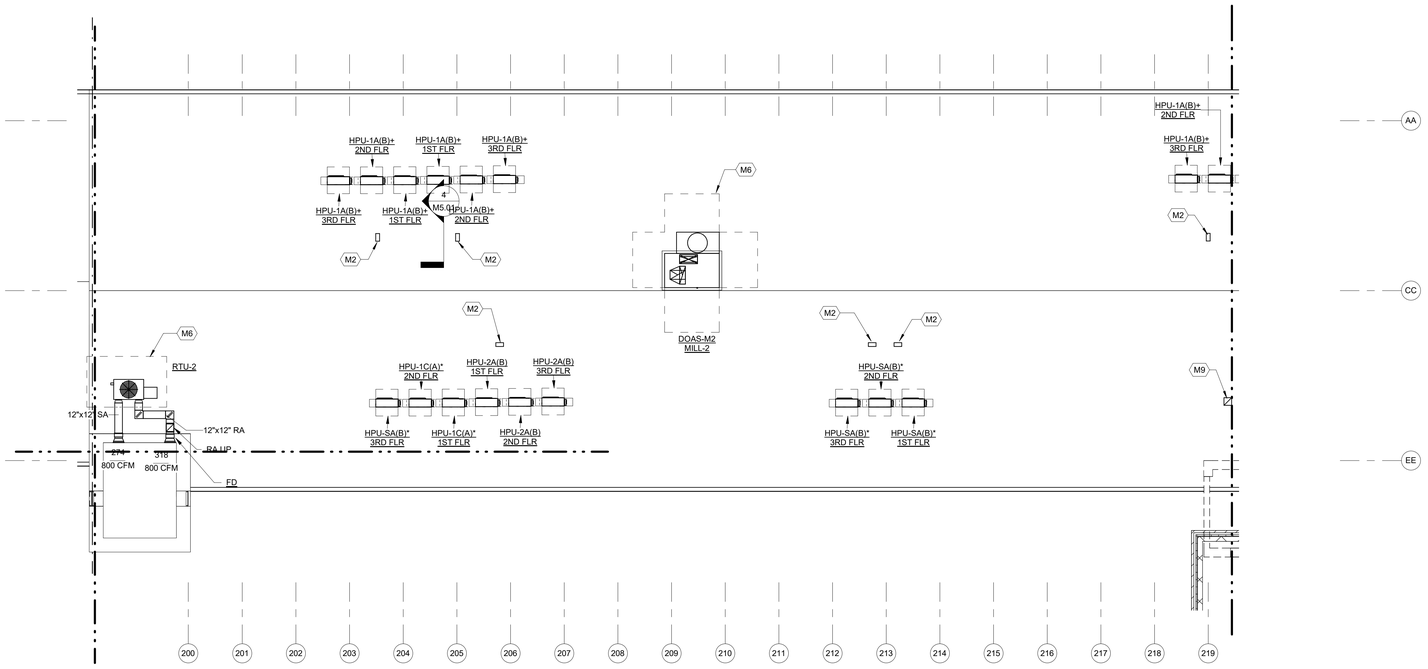
M1.11

10/19/2020 9:00:11 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt

SPECIFIC NOTES - HVAC NEW	
M2	REFRIGERNAT PIPING CHASE TO INDOOR AIR HANDLING UNITS
M5	OUTDOOR HEAT PUMP EQUIPMENT MOUNTED ON EQUIPMENT RAILS WITH VIBRATION ISOLATION (TYP.)
M6	DASHED AREA REPRESENTING MANUFACTURER RECOMMENDED SERVICE CLEARANCES.
M9	GOOSENECK DUCT PROVIDED WITH BIRDSCREEN AND ROOF CURB. REFER TO DETAIL

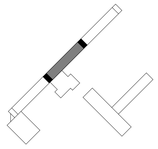


2 ROOF OVERALL PLAN MILL 2 - HVAC
1/8" = 1'-0"



1 ROOF OVERALL PLAN MILL 2 - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

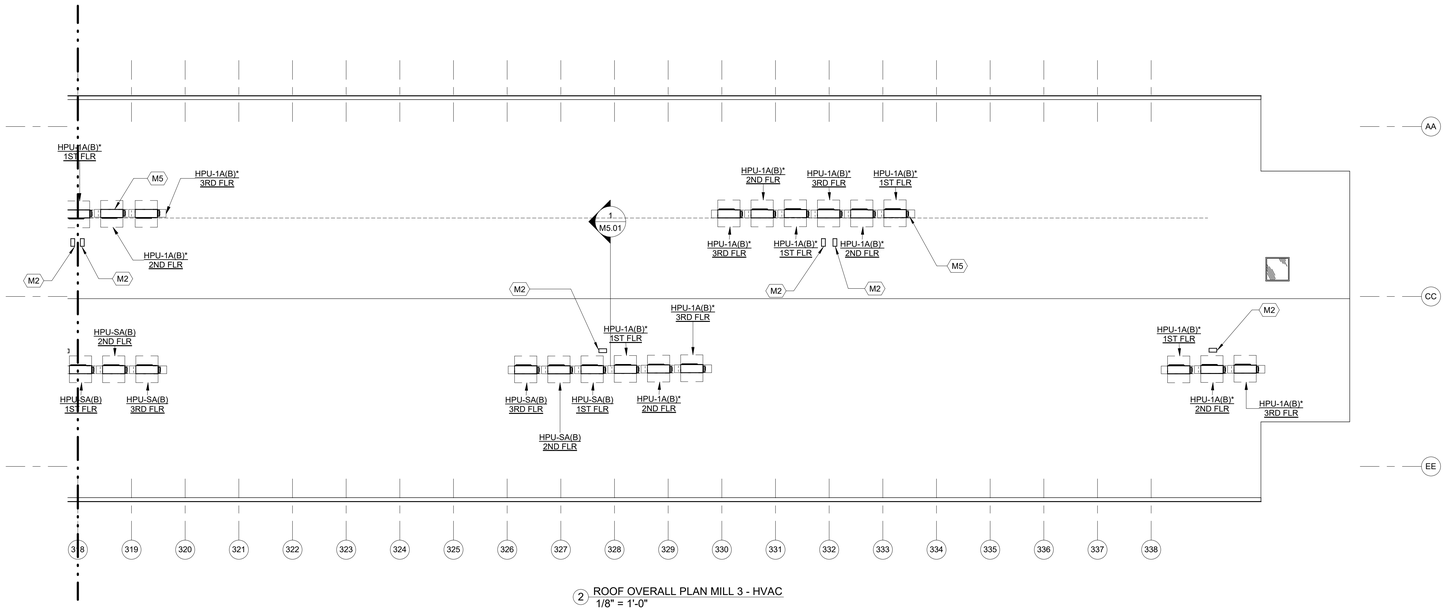
SHEET TITLE
ROOF PLAN, MILL 2 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	Author	Checker

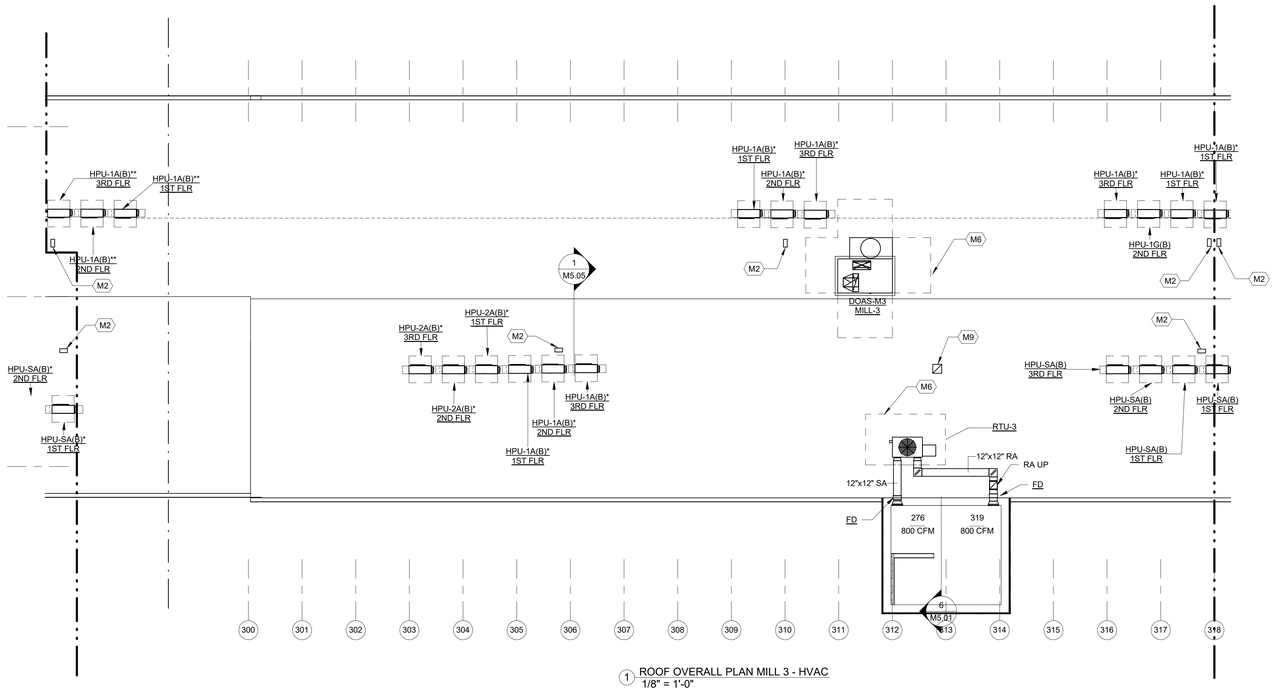
M1.12

10/19/2020 9:00:17 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt

SPECIFIC NOTES - HVAC NEW	
M2	REFRIGERNAT PIPING CHASE TO INDOOR AIR HANDLING UNITS
M5	OUTDOOR HEAT PUMP EQUIPMENT MOUNTED ON EQUIPMENT RAILS WITH VIBRATION ISOLATION (TYP.)
M6	DASHED AREA REPRESENTING MANUFACTURER RECOMMENDED SERVICE CLEARANCES.
M9	GOOSENECK DUCT PROVIDED WITH BIRDSCREEN AND ROOF CURB. REFER TO DETAIL



2 ROOF OVERALL PLAN MILL 3 - HVAC
1/8" = 1'-0"



1 ROOF OVERALL PLAN MILL 3 - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

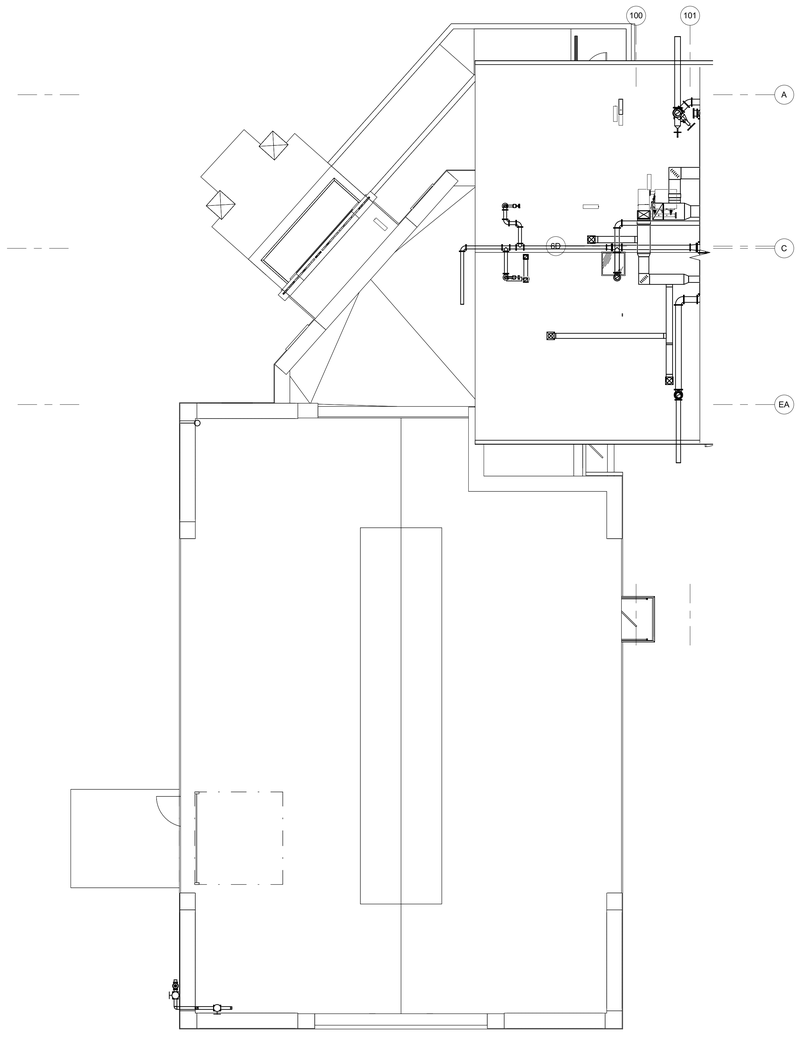
SHEET TITLE
ROOF PLAN, MILL 3 - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

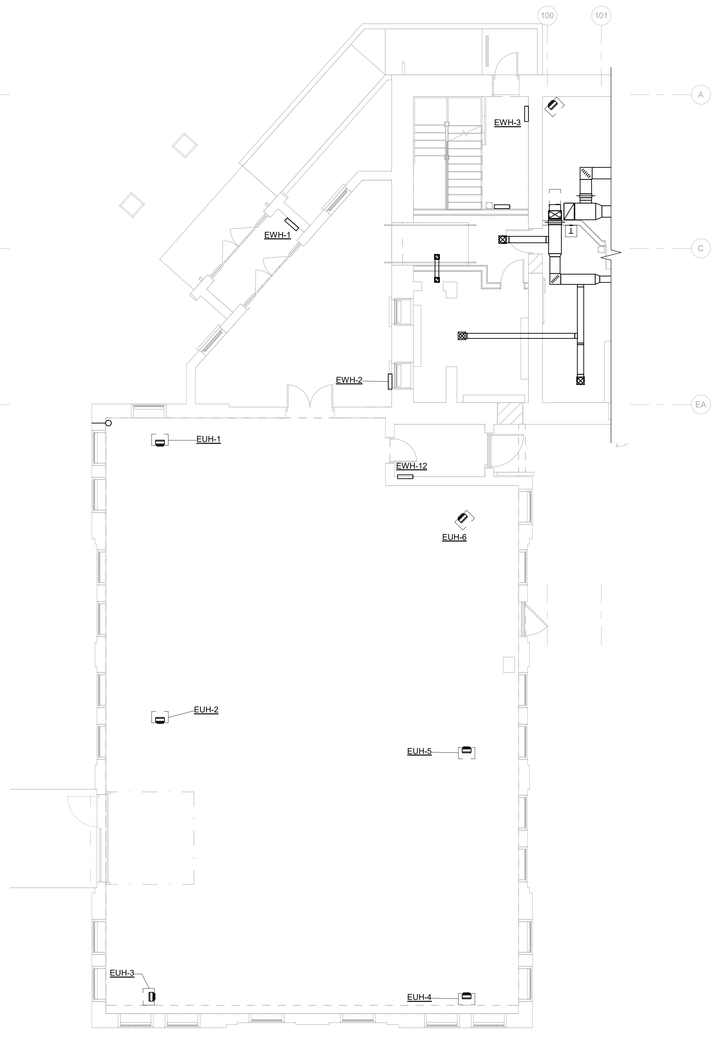
M1.13

10/19/2020 9:00:22 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt

SPECIFIC NOTES - HVAC NEW



2 CAFETERIA / BUILDING 20 21 ROOF PLAN - HVAC
1/8" = 1'-0"



1 CAFETERIA / BUILDING 20 21 FIRST FLOOR PLAN - HVAC
1/8" = 1'-0"

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

0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

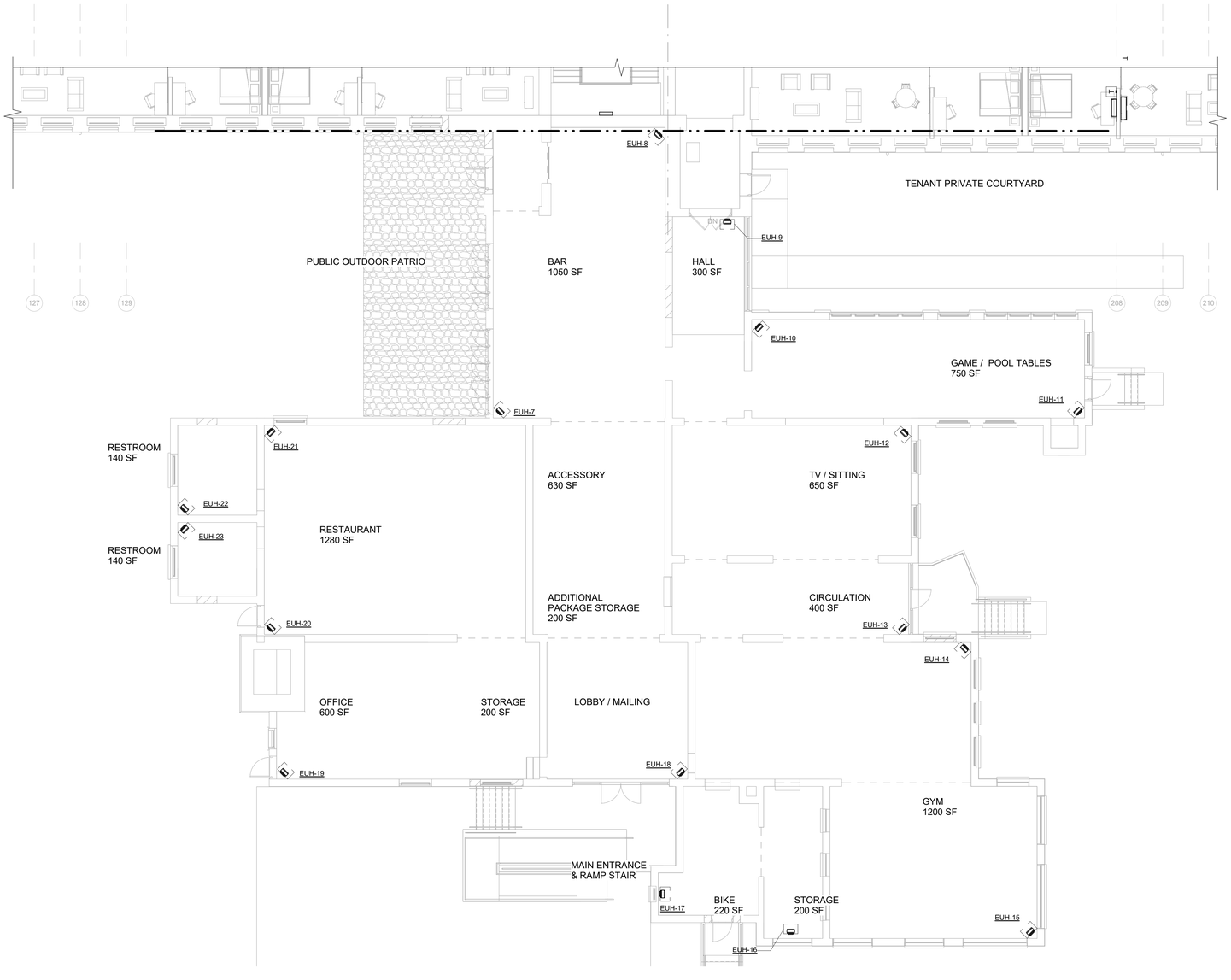
SHEET TITLE
BUILDING-21 FLOOR PLAN - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

M1.14

10/19/2020 9:00:29 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt

SPECIFIC NOTES - HVAC NEW



1 BOILERROOM FIRST FLOOR PLAN - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

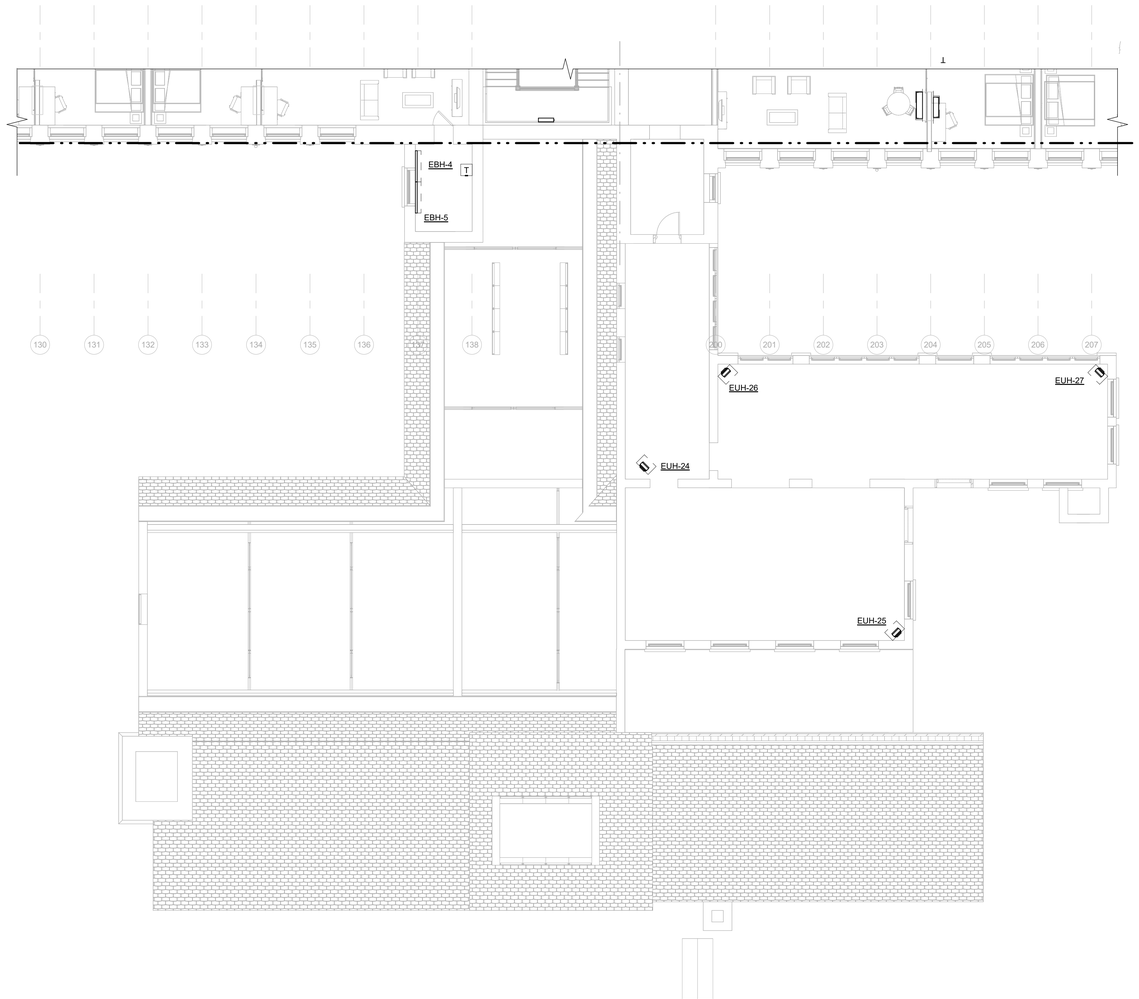
SHEET TITLE
FIRST FLOOR PLAN BOILER BUILDING - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	Author	Checker

M1.15

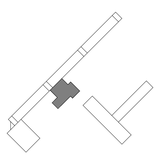
10/19/2020 9:00:33 AM C:\Users\rangh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rangh\AHV2V.rvt

SPECIFIC NOTES - HVAC NEW



1 BOILERROOM SECOND FLOOR PLAN - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

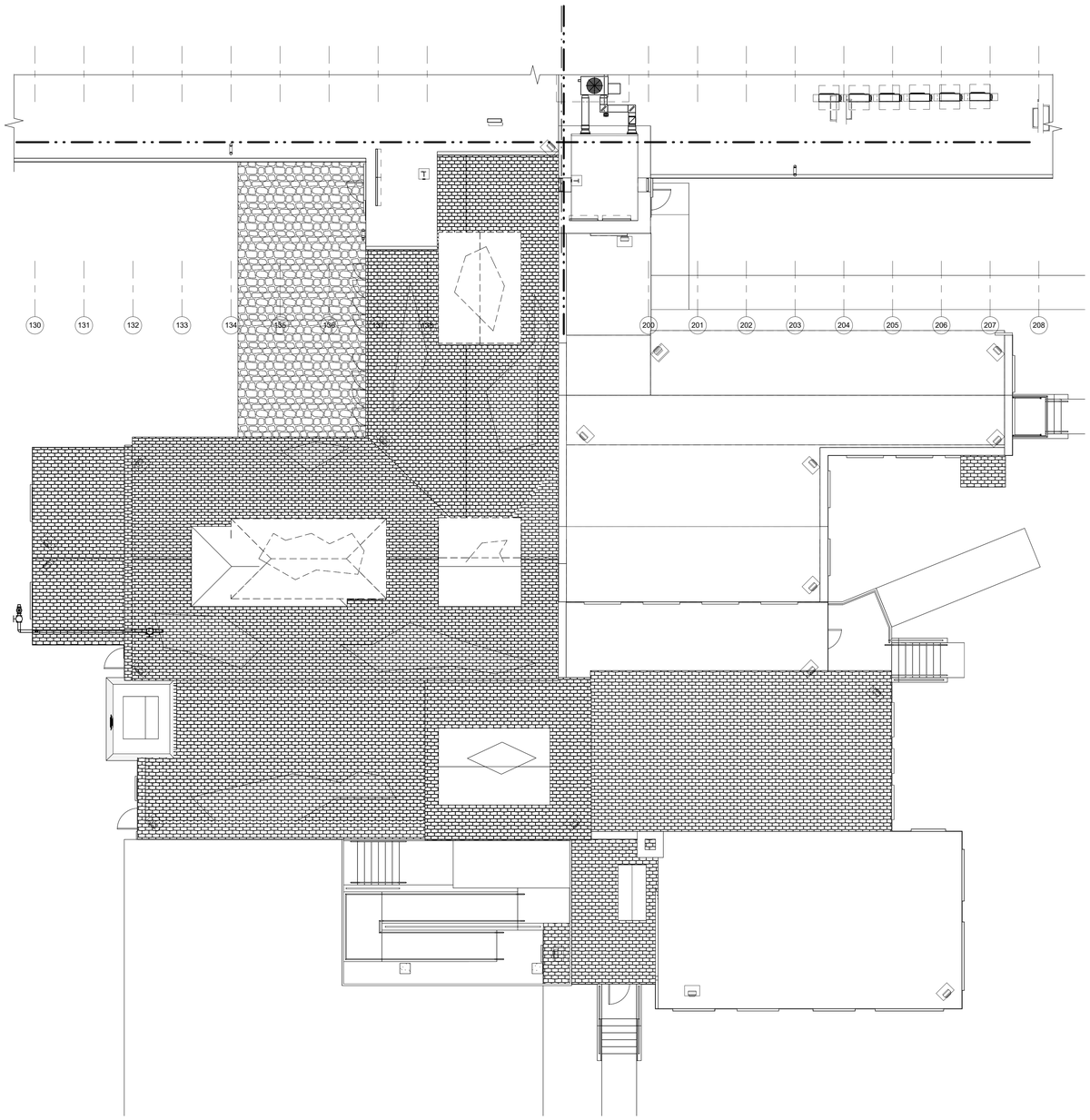
SHEET TITLE
SECOND FLOOR PLAN BOILER BUILDING - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	Author	Checker

M1.16

10/19/2020 9:00:37 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_singhJAYQV.rvt

SPECIFIC NOTES - HVAC NEW



1 BOILER PLANT ROOF PLAN - HVAC
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

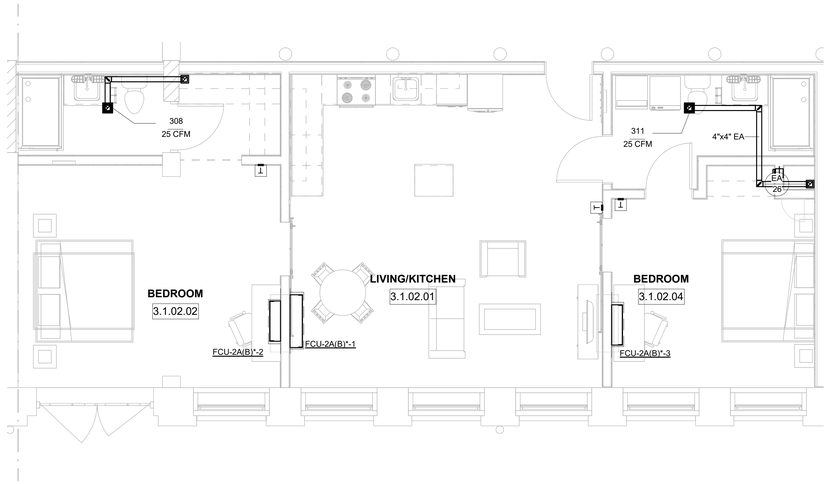
SHEET TITLE
ROOF PLAN BOILER BUILDING - HVAC

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	Author	Checker

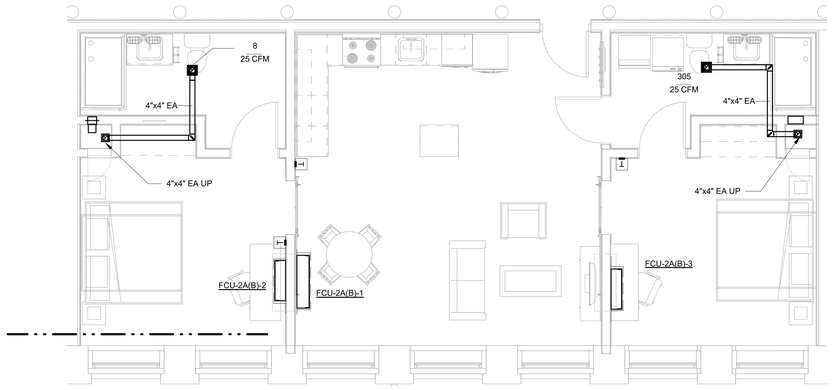
M1.17

10/19/2020 9:00:45 AM C:\Users\rangh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rangh.rvt

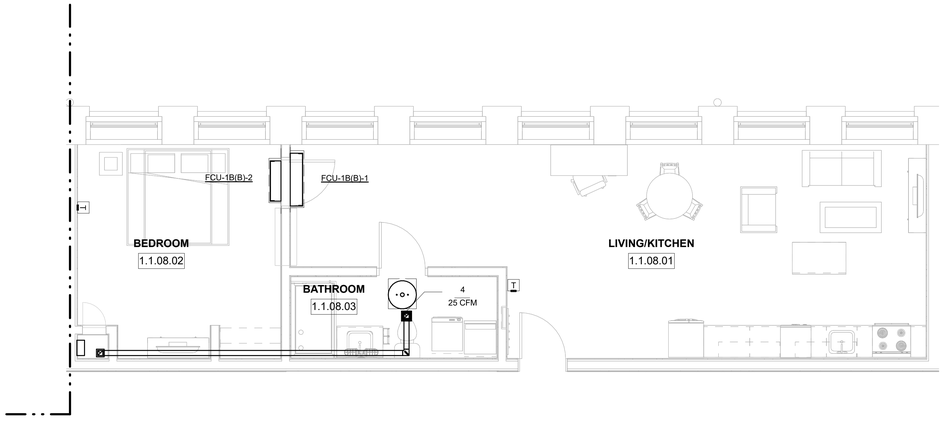
SPECIFIC NOTES - HVAC NEW



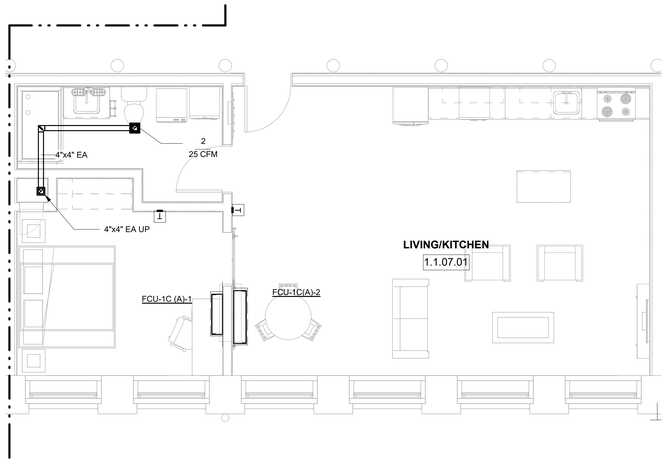
6 PLAN UNIT TYPE 2A (B)*
1/4" = 1'-0"



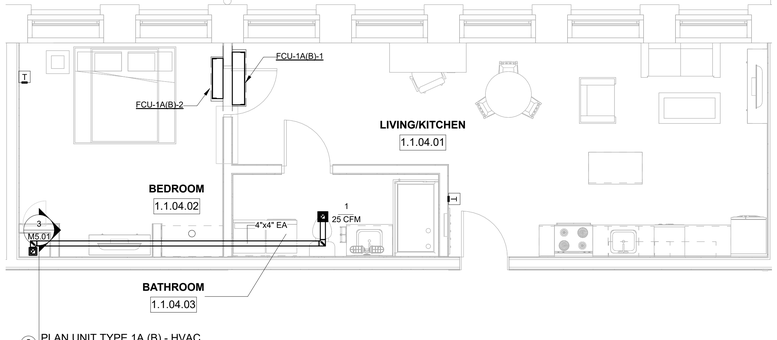
5 PLAN UNIT TYPE 2A (B) - HVAC
1/4" = 1'-0"



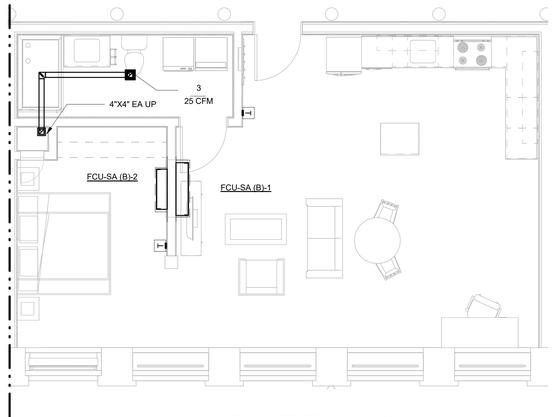
4 PLAN UNIT TYPE 1B (B) - HVAC
1/4" = 1'-0"



3 UNIT TYPE 1C (A) - HVAC
1/4" = 1'-0"



2 PLAN UNIT TYPE 1A (B) - HVAC
1/4" = 1'-0"



1 PLAN UNIT TYPE SA (B) - HVAC
1/4" = 1'-0"

GRAPHIC SCALE: 1/4" = 1'-0"
0 2 4 6 8

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

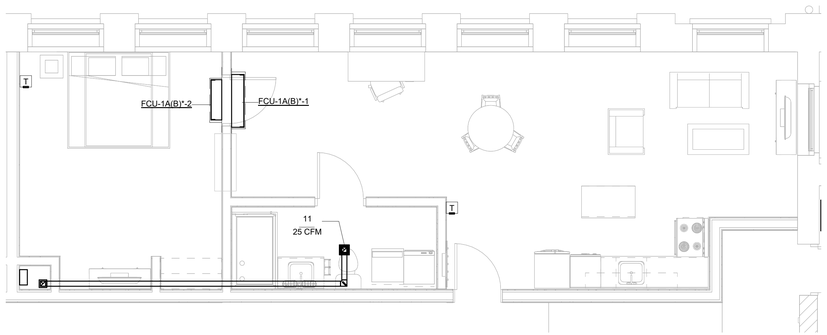
SHEET TITLE
UNIT PLANS, MILLS 1,2,3 - MECHANICAL

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

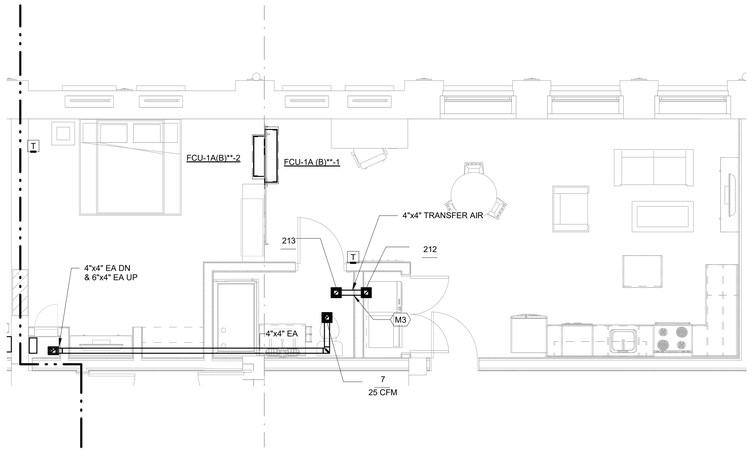
M4.01

10/19/2020 9:00:56 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh\AYQV.rvt

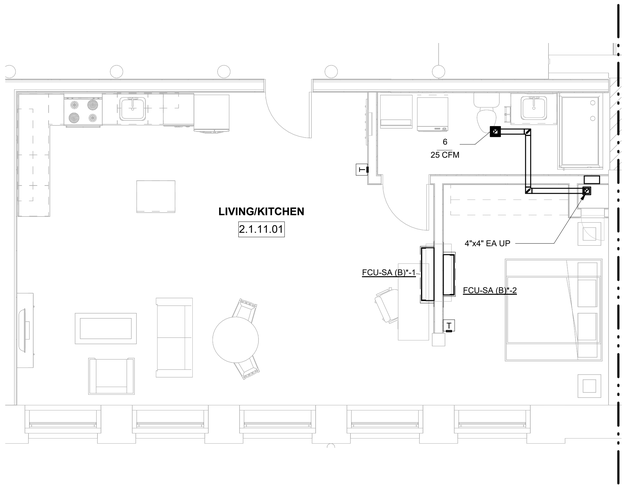
SPECIFIC NOTES - HVAC NEW	
M3	CEILING-TO-CEILING TRANFER GRILLE



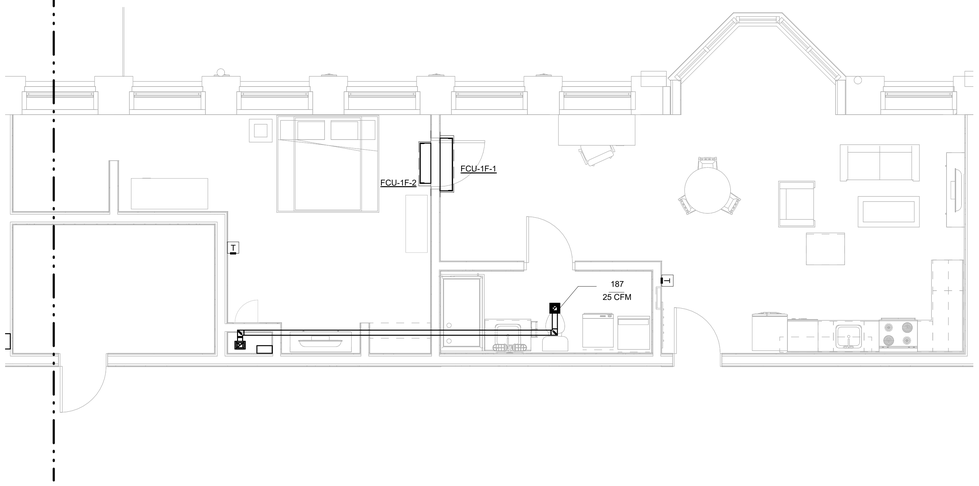
5 PLAN UNIT TYPE 1A (B) *-HVAC
1/4" = 1'-0"



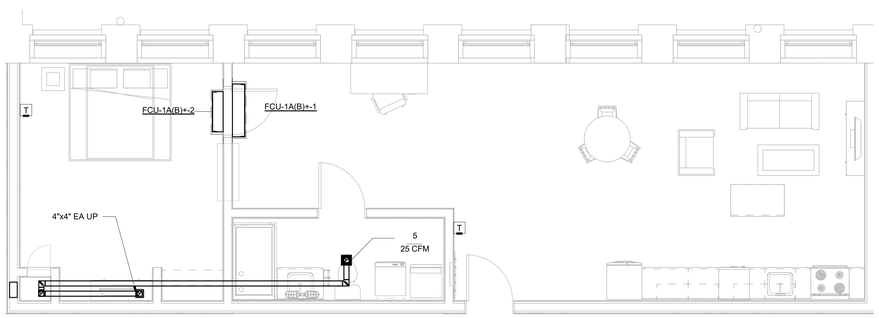
4 PLAN UNIT TYPE 1A (B) ** - HVAC
1/4" = 1'-0"



3 PLAN UNIT TYPE SA (B)* - HVAC
1/4" = 1'-0"



2 PLAN UNIT TYPE 1F
1/4" = 1'-0"



1 PLAN UNIT TYPE 1A (B)+-HVAC
1/4" = 1'-0"

MIRROR UNIT - PLAN UNIT TYPE 1A (B)++ WITH ADDITIONAL CLOSET
MIRROR UNIT - PLAN UNIT TYPE 1A (B)+* WITH ADDITIONAL CLOSET

GRAPHIC SCALE: 1/4" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

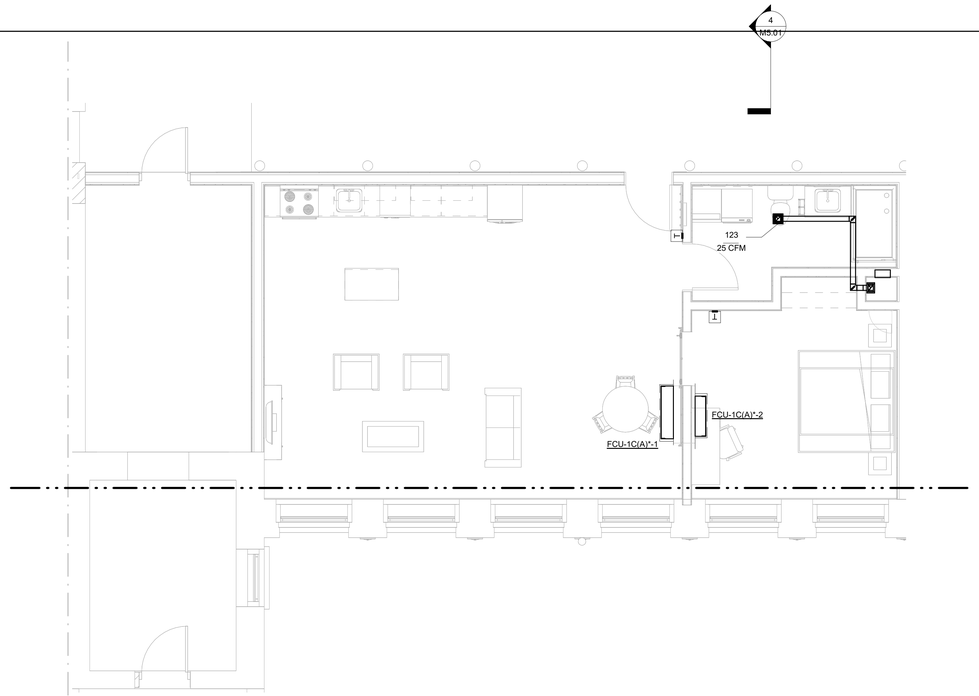
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
UNIT PLANS, MILLS 1,2,3 - MECHANICAL

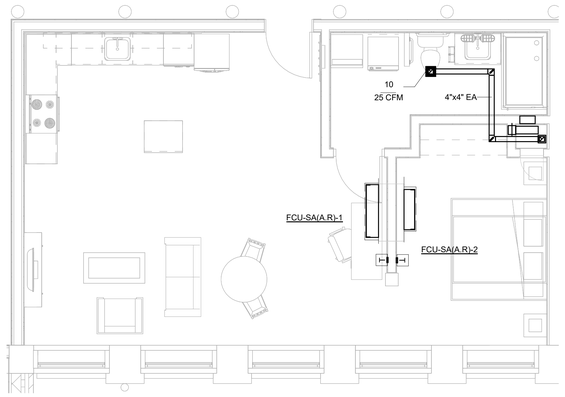
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

M4.02

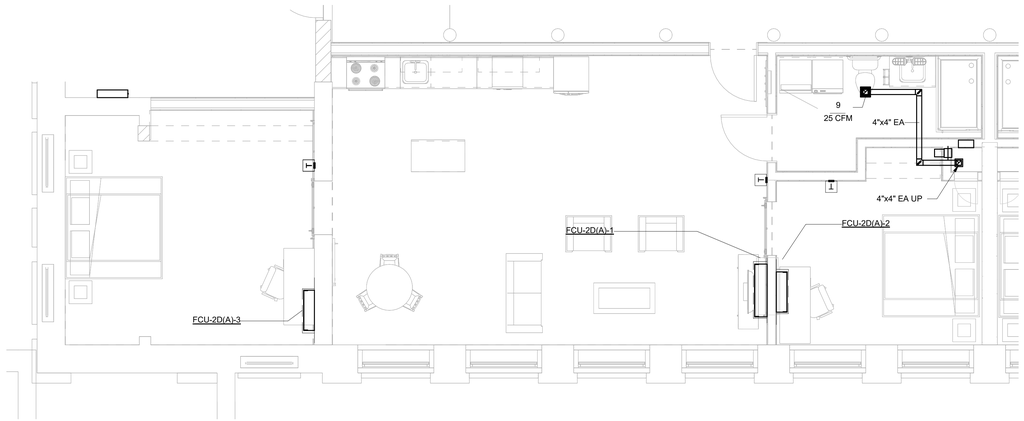
10/19/2020 9:01:06 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt



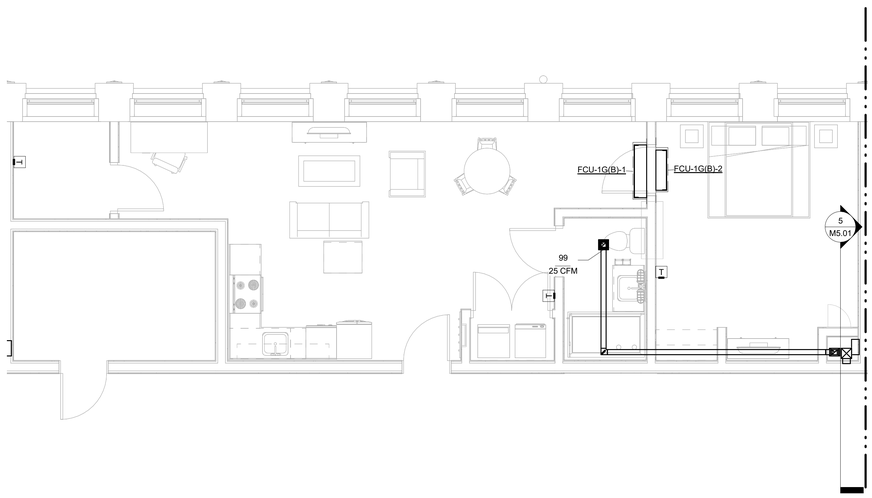
4 PLAN UNIT TYPE 1C (A)*
1/4" = 1'-0"



3 PLAN UNIT TYPE SA (A.R)
1/4" = 1'-0"



2 PLAN UNIT TYPE 2D (A) - HVAC
1/4" = 1'-0"



1 PLAN UNIT TYPE 1G (B) - HVAC
1/4" = 1'-0"

GRAPHIC SCALE: 1/4" = 1'-0"
0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

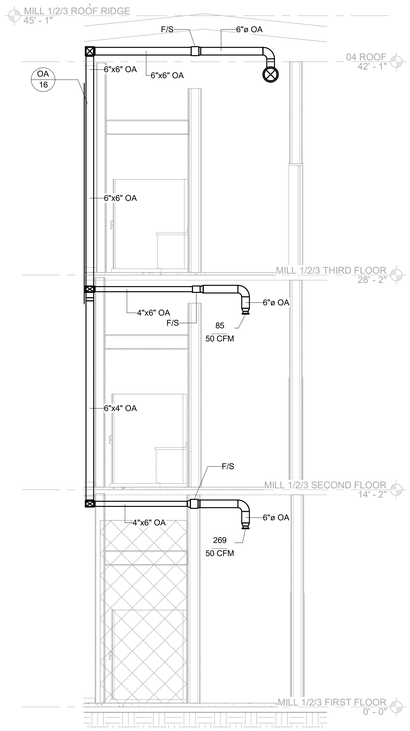
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
UNIT PLANS, MILLS 1,2,3 - MECHANICAL

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

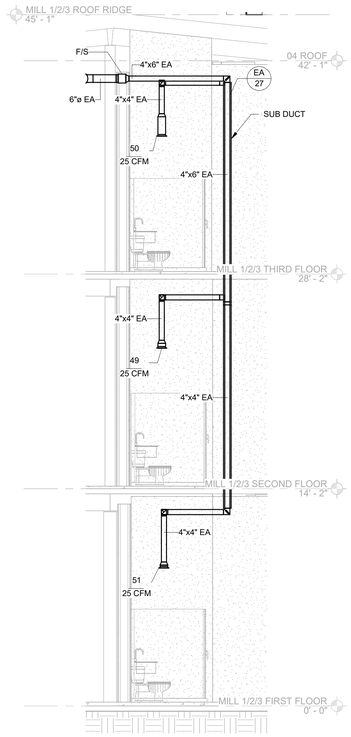
M4.03

10/19/2020 9:01:14 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt



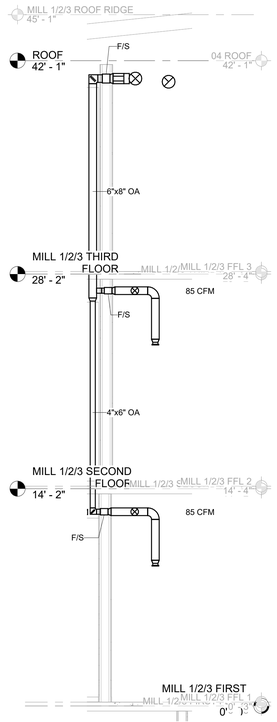
1 TYPICAL OA CORRIDOR RISER
1/4" = 1'-0"

NOTES: EXCEPT OA-2, OA-7, OA-32 AND OA-14 RISERS.

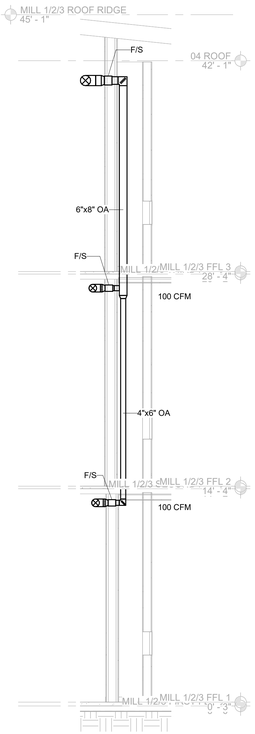


2 TYPICAL EA RISER FOR UNIT PLANS
1/4" = 1'-0"

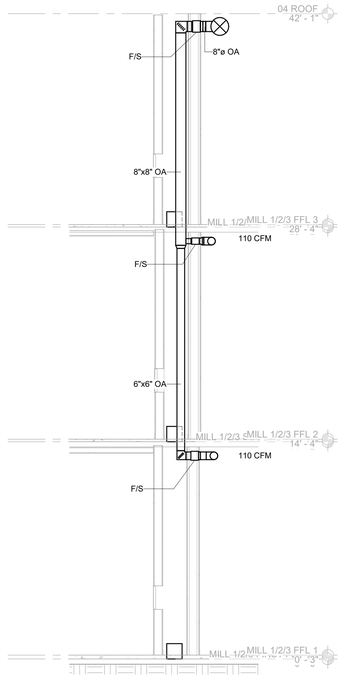
NOTES: EXCEPT EA-63 AND EA-64 RISERS.



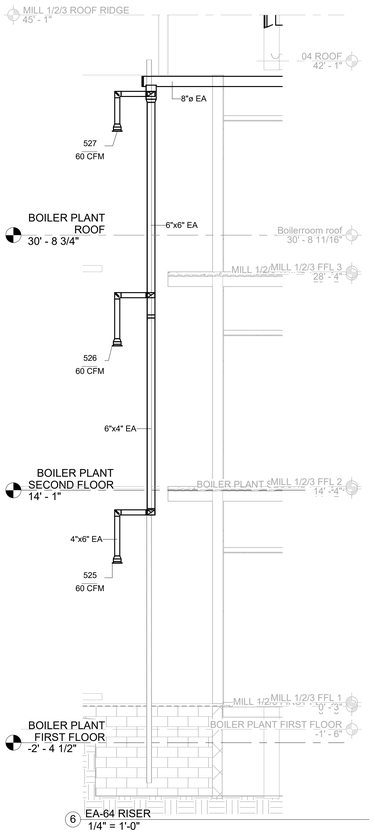
3 OA-2 RISER
1/4" = 1'-0"



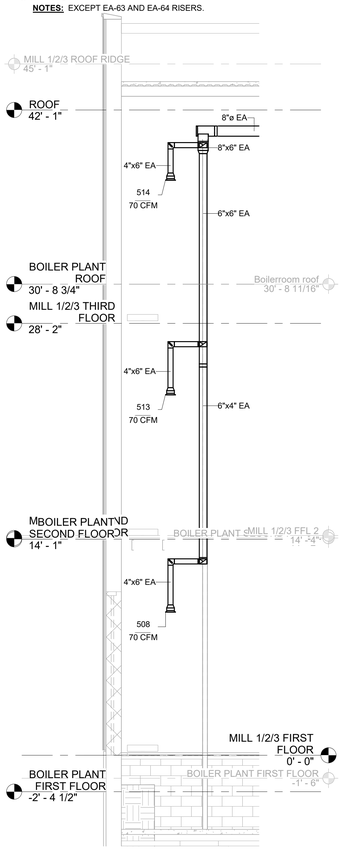
4 OA-7 RISER
1/4" = 1'-0"



5 OA-14 RISER
1/4" = 1'-0"



6 EA-64 RISER
1/4" = 1'-0"



7 EA-63 RISER
1/4" = 1'-0"

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

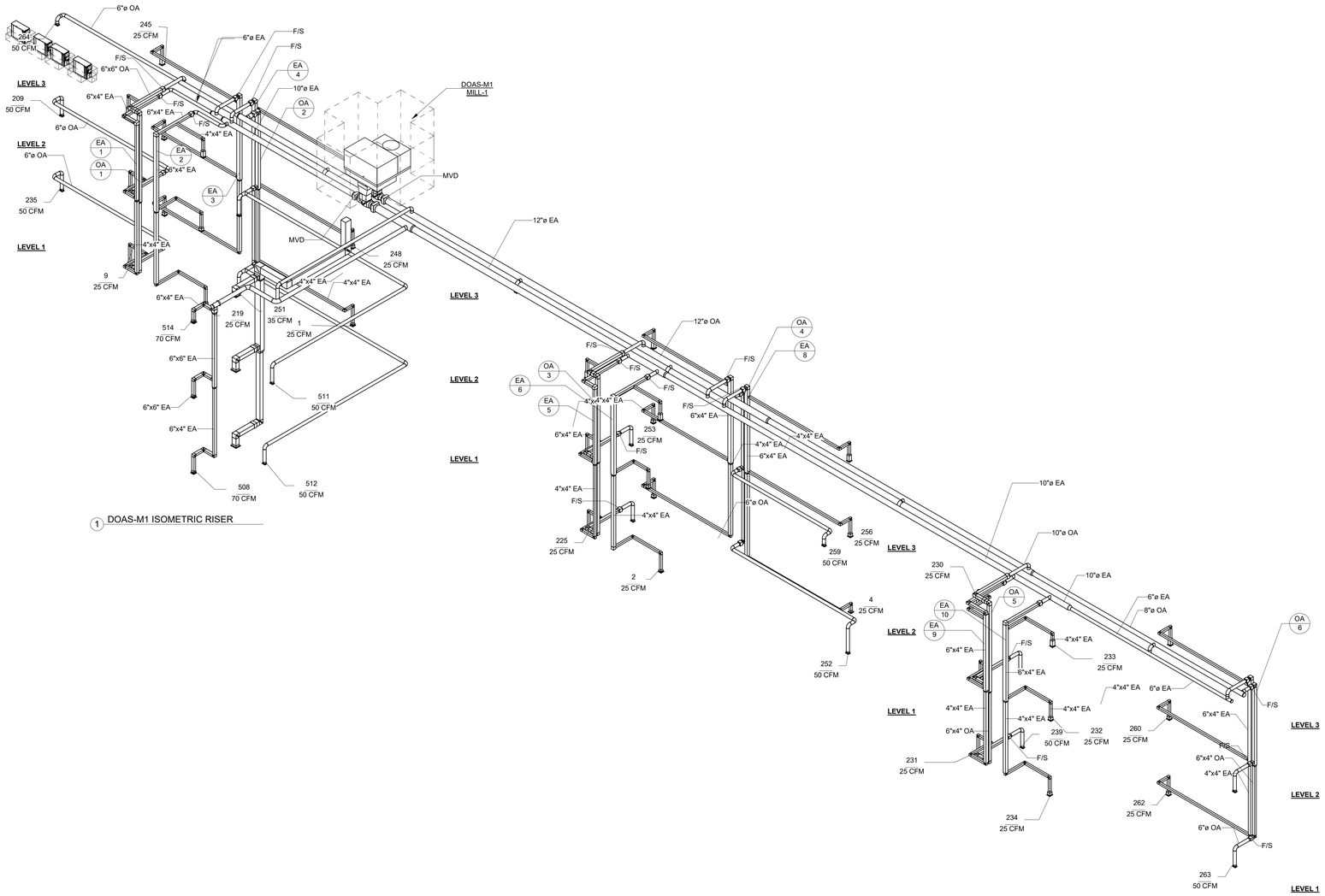
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
MECHANICAL RISER

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	Author	Checker

M5.01

10/19/2020 9:01:29 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_singhJAYQV.rvt



1 DOAS-M1 ISOMETRIC RISER

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

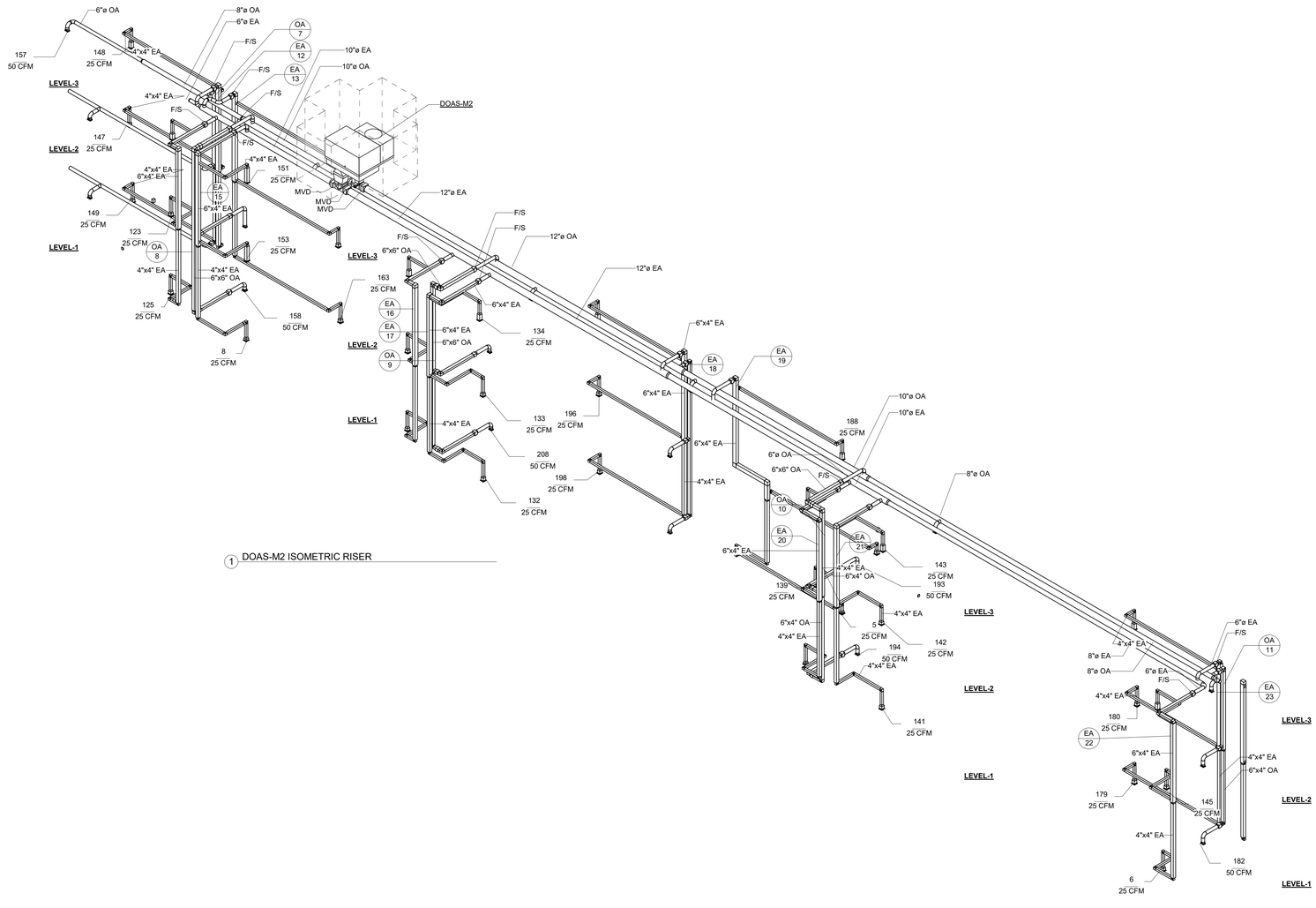
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
MECHANICAL RISER - MILL 1

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	Author	Checker

M5.02

10/19/2020 9:01:33 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.RVTQV.rvt



1 DOAS-M2 ISOMETRIC RISER

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

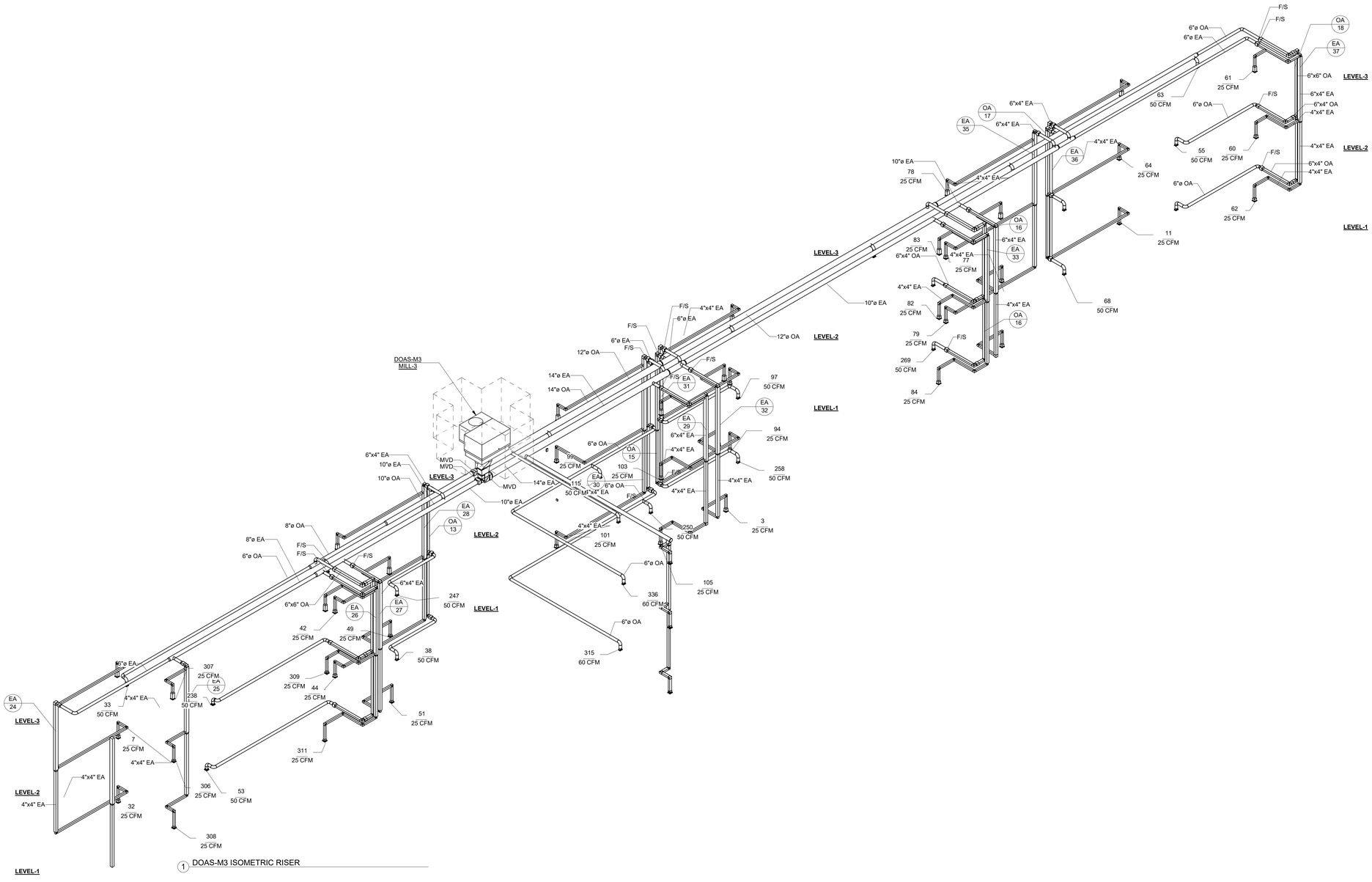
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
MECHANICAL RISER - MILL 2

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

M5.03

10/19/2020 9:01:36 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh\JAYQV.rvt



1 DOAS-M3 ISOMETRIC RISER

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
MECHANICAL RISER - MILL 3

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	Author	Checker

M5.04

10/19/2020 9:01:39 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_singhJAYQV.rvt

ROOFTOP UNIT WITH ENERGY RECOVERY AND HOT GAS REHEAT - PHASE 1

MARK	SERVING	OUTSIDE AIR CFM	EXHAUST AIR CFM	SUPPLY FAN			EXHAUST FAN			ENERGY RECOVERY WHEEL										DX COOLING COIL						HOT GAS REHEAT COIL			ELECTRIC HEATING SECTION				ELECTRICAL CHARACTERISTICS					
										COOLING						HEATING						ENTERING AIR TEMP		LEAVING AIR TEMP				LEAVING AIR TEMP											
				ESP IN-WG	FAN QTY	FAN HP	ESP IN-WG	FAN QTY	FAN HP	OUTDOOR AIR TEMP		RETURN AIR TEMP		LEAVING AIR TEMP		OUTSIDE AIR TEMP		RETURN AIR TEMP		LEAVING AIR TEMP																		
										DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	SENSIBLE CAPACITY (BTU/H)	TOTAL CAPACITY (BTU/H)	REHEAT CAPACITY (BTU/H)	DB (°F)	WB (°F)	HEATING KW	HEATING CAPACITY (BTU/H)	ENTERING AIR TEMP (°F)	MAX LEAVING AIR TEMP (°F)	VOLTAGE	PHASE	MCA	MOCP	MANUFACTURER	MODEL
DOAS-M1	MILL-1	1110	1030	1.50	1	1.3	1.50	1	1.3	95 °F	75 °F	75	62	80.9	66.6	32858	5	5	70	50	47.3	36.9	63193	34186	46632	80.9	66.6	52.7	52.7	20801	70	59.3	12.0	40956	47.3	81.3	208 V	3	51.8 A	60 A	DAIKIN	DPS
DOAS-M2	MILL-2	900	800	1.50	1	1.3	1.50	1	1.3	95 °F	75 °F	75	62	80.4	66.2	27430	5	5	70	50	49.2	38.1	52644	26577	35149	80.4	66.2	53.4	53.4	16214	70	59.6	12.0	40956	49.2	91.1	208 V	3	49.4 A	50 A	DAIKIN	DPS
DOAS-M3	MILL-3	1405	1275	1.50	1	1.3	1.50	1	1.3	95 °F	75 °F	75	62	82.0	67.4	38138	5	5	70	50	43.1	34.2	73509	46989	67813	82.0	67.4	51.4	51.4	28292	70	58.6	18.0	61434	43.1	83.4	208 V	3	72.6 A	80 A	DAIKIN	DPS

NOTES:
1. THE COOLING LOADS INDICATED ARE THE LOADS REQUIRED TO BE MET BY THE DX COOLING SECTION. THE TOTAL CAPACITY OF THE UNIT SHALL BE THE ADDITION OF THESE DX COOLING LOADS PLUS THE CAPACITY GENERATED BY THE ENEREGY RECOVERY WHEEL
2. PROVIDE MODULATING HOT GAS REHEAT DEHUMIDIFICATION.
3. PROVIDE SCR CONTROLLER FOR ELECTRIC HEATER.
4. UNIT SHALL BE PROVIDED WITH DIGITAL MODULATING SCROLL COMPRESSORS. UNIT SHALL BE A HEAT PUMP.
5. PROVIDE DUCT SMOKE DETECTOR ON SUPPLY AND RETURN DUCT FURNISHED BY DIVISION 26, INSTALLED BY DIVISION 20.
6. PROVIDE MERV 8 FILTER.

ENERGY RECOVERY VENTILATOR SCHEDULE - PHASE 1

MARK	SERVING	SUPPLY FAN						EXHAUST FAN					RECOVERY AIR CFM	VENTILATION AIR						RECOVERY AIR		COOLING RECOVERED (BTU/H)	HEATING RECOVERED (BTU/H)	ELECTRICAL				MANUFACTURER	MODEL
														SUMMER				WINTER		SUMMER	WINTER								
		SA (CFM)	ESP (IN W.C.)	OA (CFM)	HP	VOLTAGE	PHASE	EA (CFM)	ESP (IN W.C.)	HP	VOLTAGE	PHASE		EAT DB (°F)	EAT WB (°F)	LAT DB (°F)	LAT WB (°F)	EAT DB (°F)	LAT DB (°F)	EAT DB/WB	EAT DB/WB (°F)			MCA	MOCP	VOLTAGE	PHASE		
ERV-1	MILL-1 BASEMENT	1120	1.00	1120	3/4	208	3	1065	1.00	3/4	208	3	1065	95	78.1	81.6	70.4	0	-1.5	75/62.5	70/54.3	36288.0	54154.0	7.9 A	15 A	208 V	3	GREENHECK	MINIVENT

NOTES:
1. PROVIDE ERV FAN WITH VFD SPEED CONTROLLER FOR BALANCING.

ROOFTOP UNIT SCHEDULE - PHASE 1

RTU NO.	SERVING	NOMINAL TONS	COOLING AMBIENT AIR TEMP (ºF)	HEATING AMBIENT AIR TEMP (ºF)	SUPPLY FAN			COOLING CAPACITY		HEATING CAPACITY		ELECTRICAL				MANUFACTURER	MODEL NUMBER
					SA CFM	ESP (IN. W.C.)	MOTOR HP	SENSIBLE (BTU/H)	TOTAL (BTU/H)	REQD. CAPACITY	HEATING KW	MCA	MOCP	VOLTAGE	PHASE		
RTU-1	MILL 1 ELEVATOR SHAFT	2.0	95	5	800 CFM	1.0	1/2	16900.0 Btu/h	21170.0 Btu/h	12970.0 Btu/h	3.8 W	42 A	45 A	208 V	1	CARRIER	50VR SERIES
RTU-2	MILL 2 ELEVATOR SHAFT	2.0	95	5	800 CFM	1.0	1/2	16900.0 Btu/h	21170.0 Btu/h	12970.0 Btu/h	3.8 W	42 A	45 A	208 V	1	CARRIER	50VR SERIES
RTU-3	MILL 3 ELEVATOR SHAFT	2.0	95	5	800 CFM	1.0	1/2	16900.0 Btu/h	21170.0 Btu/h	12970.0 Btu/h	3.8 W	42 A	45 A	208 V	1	CARRIER	50VR SERIES

ELECTRIC BASEBOARD HEATER SCHEDULE - PHASE 1

DESIG.	SERVING	KW	VOLTAGE	PHASE	MANUFACTURER	MODEL
EBH-1	1.1.1.B	1.0	120 V	1	QMARK	QMKC25 SERIES
EBH-2	1.2.1.B	1.0	120 V	1	QMARK	QMKC25 SERIES
EBH-3	2.2.1.A*	1.0	120 V	1	QMARK	QMKC25 SERIES
EBH-4	1.2.1.C	1.0	120 V	1	QMARK	QMKC25 SERIES
EBH-5	1.2.1.C	1.0	120 V	1	QMARK	QMKC25 SERIES
EBH-6	1.3.1.B	1.0	120 V	1	QMARK	QMKC25 SERIES
EBH-7	2.3.1.A*	1.0	120 V	1	QMARK	QMKC25 SERIES
EBH-8	1.2.1.C	1.0	120 V	1	QMARK	QMKC25 SERIES
EBH-9	1.2.1.C	1.0	120 V	1	QMARK	QMKC25 SERIES
EBH-10	STORAGE (2.3.01.21)	1.0	120 V	1	QMARK	QMKC25 SERIES
EBH-11	STORAGE (2.3.01.21)	1.0	120 V	1	QMARK	QMKC25 SERIES
EBH-12	STORAGE	1.0	120 V	1	QMARK	QMKC25 SERIES

NOTES:
1. PROVIDE BASEBOARD HEATER WITH MANUFACTURER'S LINE VOLTAGE DOUBLE POLE THERMOSTAT.
2. PROVIDE MOUNTING BRACKET WITH BASEBOARD HEATER.

SPLIT SYSTEM FAN COIL UNIT SCHEDULE (FCU) APARTMENTS - PHASE 1

MARK	SERVES	FAN	COOLING				HEATING		INDOOR UNIT ELECTRICAL		MANUFACTURER	MODEL NUMBER
		MAX CFM	EAT DB (°F)	EAT WB (°F)	SENSIBLE BTUH	TOTAL BTUH	EAT (°F)	TOTAL BTUH	VOLTS	PHASE		
FCU-1A (B)**-1	1A(B)**-COMMON	565	75.0	67.0	11,745	13,384	70.0	10,637	208 V	1	DAIKIN	FTXS
FCU-1A(B)**-2	1A(B)**-BEDROOM	330	75.0	67.0	5,179	5,799	70.0	3,713	208 V	1	DAIKIN	CTXS
FCU-1A(B)*-1	1A(B)*-COMMON	580	75.0	67.0	13,068	14,426	70.0	11,379	208 V	1	DAIKIN	FTXS
FCU-1A(B)*-2	1A(B)*-BEDROOM	330	75.0	67.0	4,438	4,989	70.0	3,286	208 V	1	DAIKIN	CTXS
FCU-1A(B)+-1	1A(B)+-COMMON	580	75.0	67.0	14,790	16,437	70.0	13,129	208 V	1	DAIKIN	FTXS
FCU-1A(B)+-2	1A (B)+-BEDROOM	330	75.0	67.0	5,318	5,995	70.0	4,261	208 V	1	DAIKIN	CTXS
FCU-1A(B)-1	1A(B)-COMMON	565	75.0	67.0	12,260	13,570	70.0	14,562	208 V	1	DAIKIN	FTXS
FCU-1A(B)-2	1A(B)-BEDROOM	380	75.0	67.0	5,188	5,816	70.0	4,022	208 V	1	DAIKIN	FTXS
FCU-1B(B)-1	1B(B)-COMMON	580	75.0	67.0	14,439	15,948	70.0	12,533	208 V	1	DAIKIN	FTXS
FCU-1B(B)-2	1B(B)-BEDROOM	380	75.0	67.0	5,217	6,084	70.0	4,091	208 V	1	DAIKIN	FTXS
FCU-1C (A)-1	1C (A)-COMMON	565	75.0	67.0	11,064	12,818	70.0	9,979	208 V	1	DAIKIN	FTXS
FCU-1C(A)*-1	1C(A)*-COMMON	400	75.0	67.0	10,070	11,740	70.0	9,251	208 V	1	DAIKIN	FTXS
FCU-1C(A)*-2	1C(A)*-BEDROOM	330	75.0	67.0	4,791	5,547	70.0	4,189	208 V	1	DAIKIN	CTXS
FCU-1C(A)-2	1C(A)-BEDROOM	330	75.0	67.0	5,689	6,292	70.0	3,972	208 V	1	DAIKIN	CTXS
FCU-1F-1	1F-COMMON	565	75.0	67.0	7,725	7,844	70.0	7,859	208 V	1	DAIKIN	FTXS
FCU-1F-2	1F-BEDROOM	565	75.0	67.0	7,407	8,996	70.0	7,821	208 V	1	DAIKIN	FTXS
FCU-1G(B)-1	1G(B)-COMMON	580	75.0	67.0	14,439	15,948	70.0	12,533	208 V	1	DAIKIN	FTXS
FCU-1G(B)-2	1G(B)-BEDROOM	380	75.0	67.0	5,217	6,084	70.0	4,091	208 V	1	DAIKIN	FTXS
FCU-2A(B)*-1	2A(B)*-COMMON	565	75.0	67.0	8,507	9,822	70.0	7,330	208 V	1	DAIKIN	FTXS
FCU-2A(B)*-2	2A(B)*-BEDROOM	380	75.0	67.0	5,687	6,600	70.0	4,763	208 V	1	DAIKIN	FTXS
FCU-2A(B)*-3	2A(B)*-MASTER BEDROOM	380	75.0	67.0	5,687	6,600	70.0	4,763	208 V	1	DAIKIN	FTXS
FCU-2A(B)-1	2A(B)-COMMON	565	75.0	67.0	8,507	9,822	70.0	7,330	208 V	1	DAIKIN	FTXS
FCU-2A(B)-2	2A(B)-BEDROOM	380	75.0	67.0	5,687	6,600	70.0	4,763	208 V	1	DAIKIN	FTXS
FCU-2A(B)-3	2A(B)-CORNER BEDROOM	380	75.0	67.0	5,687	6,600	70.0	4,763	208 V	1	DAIKIN	FTXS
FCU-2D(A)-1	2D(A)-COMMON	565	75.0	67.0	11,064	12,796	70.0	9,979	208 V	1	DAIKIN	FTXS
FCU-2D(A)-2	2D(A)-BEDROOM	330	75.0	67.0	5,689	6,286	70.0	3,972	208 V	1	DAIKIN	CTXS
FCU-2D(A)-3	2D(A)-CORNER BEDROOM	430	75.0	67.0	8,758	9,637	70.0	7,438	208 V	1	DAIKIN	FTX
FCU-SA (B)*-1	SA(B)*-COMMON	400	75.0	67.0	10,070	11,740	70.0	9,251	208 V	1	DAIKIN	FTXS
FCU-SA (B)*-2	SA(B)*-BEDROOM	330	75.0	67.0	4,791	5,547	70.0	4,189	208 V	1	DAIKIN	CTXS
FCU-SA (B)-1	SA(B)-COMMON	565	75.0	67.0	9,912	11,521	70.0	8,887	208 V	1	DAIKIN	FTXS
FCU-SA (B)-2	SA(B)-BEDROOM	330	75.0	67.0	4,438	4,980	70.0	3,286	208 V	1	DAIKIN	CTXS
FCU-SA(A.R)-1	SA(A.R)-COMMON	565	75.0	67.0	9,537	11,154	70.0	8,831	208 V	1	DAIKIN	FTXS
FCU-SA(A.R)-2	SA(A.R)-BEDROOM	330	75.0	67.0	4,791	5,903	70.0	4,189	208 V	1	DAIKIN	CTXS

NOTES:
1. COOLING AND HEATING CAPACITIES ARE CALCULATED REQUIRED CAPACITIES.
2. REFRIGERANT PIPE SIZES SHALL BE RECOMMENDED BY EQUIPMENT MANUFACTURER.
3. UNITS SHALL BE PROVIDED WITH REFRIGERANT R-410A.
4. REFRIGERANT AND ELECTRICAL LINES SETS COORDINATED WITH PIPING CHASE TO OUTDOOR UNIT.
5. INDOOR UNIT POWERED BY OUTDOOR UNIT.
6. COORDINATE LINE LENGTHS WITH PLANS AND MANUFACTURER.

ELECTRIC WALL HEATER SCHEDULE - PHASE 1

DESIG.	SERVING	MOUNTING TYPE	KW	VOLTAGE	PHASE	MANUFACTURER	MODEL
EWH-1	SW LOBBY	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-2	SW LOBBY	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-3	SW STAIR	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-4	SW STAIR	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-5	SW STAIR	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-6	SW STAIR	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-7	SW STAIR	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-8	SW STAIR	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-9	CENTER STAIR, MILL1/2	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-10	CENTER STAIR, MILL1/2	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-11	CENTER STAIR, MILL1/2	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-12	HALL 013 / CAFETERIA	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-13	CENTER STAIR, MILL1/2	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-14	CENTER STAIR, MILL2/3	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-15	CENTER STAIR, MILL2/3	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-16	CENTER STAIR, MILL2/3	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-17	CENTER STAIR, MILL2/3	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-18	NE STAIR	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-19	NE STAIR	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-20	NE STAIR	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-21	NE STAIR	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-22	NE STAIR	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-23	STAIR No. 4 THIRD FLOOR	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-24	CORRIDOR ENTRY (1.1.001)	SURFACE	4.8	208 V	1	QMARK	AWH
EWH-36	SW STAIR	SURFACE	4.8	208 V	1	QMARK	AWH

NOTES:
1. PROVIDE INTEGRAL THERMOSTAT, DISCONNECT & THERMAL SAFETY CUTOUTS
2. PROVIDE MOUNTING BRACKET WITH UNIT HEATER.

HEAT PUMP UNIT SCHEDULE (HPU) APARTMENTS - PHASE 1

MARK	SERVING	COOLING		HEATING		OUTDOOR UNIT ELECTRICAL				SEER	COP	MANUFACTURER	MODEL NUMBER
		AMB. TEMP (°F)	BTUH	AMB. TEMP (°F)	BTUH	MCA	MOCP	VOLTS	PHASE				
HPU-1A(B)	1A(B)	95	20,698	5	17,307.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS
HPU-1A(B)*	1A(B)*	95	20,608	5	17,531.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS
HPU-1A(B)**	1A(B)**	95	20,395	5	17,243.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS
HPU-1A(B)+	1A(B)+	95	24,133	5	2,798.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS
HPU-1B(B)	1B(B)	95	23,297	5	19,700.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS
HPU-1C(A)	1C(A)	95	20,170	5	17,046.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS
HPU-1C(A)*	1C(A)*	95	18,465	5	16,555.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS
HPU-1F	1F	95	26,496	5	20,605.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS
HPU-1G(B)	1G(B)	95	22,622	5	18,612.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS
HPU-2A(B)	2A(B)	95	24,436	5	21,009.0	23.9 A	25 A	208 V	1	17.7	3.89	DAIKIN	MXS
HPU-2A(B)*	2A(B)*	95	24,436	5	21,009.0	23.9 A	25 A	208 V	1	17.7	3.89	DAIKIN	MXS
HPU-2D(A)-1	2D(A)	95	20,170	5	17,046.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS
HPU-2D(A)-2	2D(A)-CORNER BEDROOM	95	10,003	5	8,788.0	13.0 A	15 A	208 V	1	18	3.53	DAIKIN	RXL
HPU-SA(A.R)	SA(A.R)	95	17,888	5	16,062.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS
HPU-SA(B)	SA(B)	95	17,495	5	15,011.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS
HPU-SA(B)*	SA(B)*	95	18,465	5	16,555.0	21.9 A	25 A	208 V	1	18	3.53	DAIKIN	MXS

NOTES:
1. REFRIGERANT PIPE SIZES SHALL BE RECOMMENDED BY EQUIPMENT MANUFACTURER.
2. UNIT SHALL BE PROVIDED WITH R-410A REFRIGERANT.
3. COOLING AND HEATING CAPACITITES LISTED ARE CALCULATED BY REQUIRED CAPACITIES.

ELECTRIC UNIT HEATER SCHEDULE - PHASE 1

DESIG.	SERVING	MOUNTING TYPE	KW	VOLTAGE	PHASE	MANUFACTURER	MODEL
EUH-1	CAFETERIA	CEILING HUNG	7.5	208 V	3	QMARK	MUH
EUH-2	CAFETERIA	CEILING HUNG	7.5	208 V	3	QMARK	MUH
EUH-3	CAFETERIA	CEILING HUNG	7.5	208 V	3	QMARK	MUH
EUH-4	CAFETERIA	CEILING HUNG	7.5	208 V	3	QMARK	MUH
EUH-5	CAFETERIA	CEILING HUNG	7.5	208 V	3	QMARK	MUH
EUH-6	CAFETERIA	CEILING HUNG	7.5	208 V	3	QMARK	MUH
EUH-7	BOILER PLANT - BAR	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-8	BOILER PLANT - BAR	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-9	BOILER PLANT - HALL	CEILING HUNG	2.2	208 V	1	QMARK	MUH
EUH-10	BOILER PLANT - GAME	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-11	BOILER PLANT - GAME	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-12	BOILER PLANT - TV/SITTING	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-13	BOILER PLANT - CIRCULATION	CEILING HUNG	7.5	208 V	3	QMARK	MUH
EUH-14	BOILER PLANT - GYM	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-15	BOILER PLANT - GYM	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-16	BOILER PLANT - GYM STORAGE	CEILING HUNG	2.2	208 V	1	QMARK	MUH
EUH-17	BOILER PLANT BIKE	CEILING HUNG	3.0	208 V	1	QMARK	MUH
EUH-18	BOILER PLANT - LOBBY	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-19	BOILER PLANT - OFFICE	CEILING HUNG	7.5	208 V	3	QMARK	MUH
EUH-20	BOILER PLANT - RESTAURANT	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-21	BOILER PLANT - RESTAURANT	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-22	BOILER PLANT RESTROOM	CEILING HUNG	2.2	208 V	1	QMARK	MUH
EUH-23	BOILER PLANT RESTROOM	CEILING HUNG	2.2	208 V	1	QMARK	MUH
EUH-24	BOILER PLANT - LV 2 HALL	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-25	BOILER PLANT - LVL 2 CONF	CEILING HUNG	7.5	208 V	3	QMARK	MUH
EUH-26	BOILER PLANT - LVL 2 CONF	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-27	BOILER PLANT - LVL 2 CONF	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-28	WATER ROOM	CEILING HUNG	5.0	208 V	1	QMARK	MUH
EUH-29	UTILITY ROOM	CEILING HUNG	3.0	208 V	1	QMARK	MUH

NOTES:
1. PROVIDE INTEGRAL THERMOSTAT, DISCONNECT & THERMAL SAFETY CUTOUTS
2. PROVIDE MOUNTING BRACKET WITH UNIT HEATER.

SPLIT SYSTEM HEAT PUMP SCHEDULE - PHASE 1

MARK	SERVING	COOLING		HEATING		OUTDOOR UNIT ELECTRICAL					MANUFACTURER	MODEL NUMBER
		AMBIENT AIR (°F)	TOTAL CAPACITY (MBH)	AMBIENT TEMP (ºF)	REQUIRED CAPACITY (MBH)	MCA (A)	MOCP (A)	HP	VOLTAGE	PHASE		
SSHP-1	AHU-1	95	23.2	0	38.4	22.1	35		208	1	DAIKIN	DZ

NOTES:
1. REFRIGERANT PIPE SIZES SHALL BE RECOMMENDED BY EQUIPMENT MANUFACTURER.
2. UNIT SHALL BE PROVIDED WITH R-410A REFRIGERANT.

SPLIT SYSTEM AIR HANDLING UNIT SCHEDULE - PHASE 1

MARK	SERVING	NOMINAL TONS	FAN				COOLING					HEATING		INDOOR UNIT ELECTRICAL						MANUFACTURER	MODEL NUMBER
			SUPPLY AIR CFM	ESP (IN)	OUTSIDE AIR CFM	HP	EAT DB (°F)	EAT WB (°F)	AMB. AIR (°F)	SENSIBLE CAPACITY (MBH)	TOTAL CAPACITY (MBH)	EAT (°F)	REQUIRED CAPACITY (MBH)	KW	MCA (A)	MOCP (A)	VOLTAGE	PHASE		
AHU-1	BASEMENT AMENITIES	3.5	1345	0.70	795	3/4	75.9	69.9	95	20.9	23.2	66.4	38.4	7.4	49.0	50	208	1	DAIKIN	ASPT & HKS

NOTES:
1. COOLING AND HEATING CAPACITIES ARE CALCULATED REQUIRED CAPACITIES.
2. PROVIDE POWER CONNECTION FOR INDOOR UNIT.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
MECHANICAL SCHEDULES

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

M7.01

10/19/2020 9:01:48 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh.rvt

AIR DEVICE SCHEDULE - SUPPLY AIR REGISTER - PHASE 1

MARK	SERVING	FLOW	LENGTH	WIDTH	MANUFACTURER	MODEL NUMBER
33	SUPPLY	50 CFM	6"	4"	TITUS	250
38	SUPPLY	50 CFM	6"	4"	TITUS	250
45	SUPPLY	50 CFM	6"	4"	TITUS	250
53	SUPPLY	50 CFM	6"	6"	TITUS	250
55	SUPPLY	50 CFM	6"	4"	TITUS	250
63	SUPPLY	50 CFM	6"	4"	TITUS	250
68	SUPPLY	50 CFM	6"	4"	TITUS	250
85	SUPPLY	50 CFM	6"	4"	TITUS	250
97	SUPPLY	50 CFM	6"	4"	TITUS	250
107	SUPPLY	50 CFM	6"	4"	TITUS	250
109	SUPPLY	50 CFM	6"	4"	TITUS	250
111	SUPPLY	50 CFM	6"	4"	TITUS	250
112	SUPPLY	50 CFM	6"	4"	TITUS	250
115	SUPPLY	50 CFM	6"	4"	TITUS	250
150	SUPPLY	50 CFM	6"	4"	TITUS	250
157	SUPPLY	50 CFM	6"	4"	TITUS	250
158	SUPPLY	50 CFM	6"	6"	TITUS	250
159	SUPPLY	50 CFM	6"	4"	TITUS	250
160	SUPPLY	50 CFM	6"	4"	TITUS	250
164	SUPPLY	50 CFM	6"	4"	TITUS	250
166	SUPPLY	50 CFM	6"	4"	TITUS	250
182	SUPPLY	50 CFM	6"	4"	TITUS	250
193	SUPPLY	50 CFM	6"	4"	TITUS	250
194	SUPPLY	50 CFM	6"	4"	TITUS	250
206	SUPPLY	50 CFM	6"	4"	TITUS	250
207	SUPPLY	50 CFM	6"	4"	TITUS	250
208	SUPPLY	50 CFM	6"	4"	TITUS	250
209	SUPPLY	50 CFM	6"	4"	TITUS	250
216	SUPPLY	35 CFM	6"	4"	TITUS	250
220	SUPPLY	50 CFM	6"	4"	TITUS	250
221	SUPPLY	50 CFM	6"	4"	TITUS	250
222	SUPPLY	50 CFM	6"	4"	TITUS	250
228	SUPPLY	50 CFM	6"	4"	TITUS	250
235	SUPPLY	50 CFM	6"	4"	TITUS	250
236	SUPPLY	50 CFM	6"	4"	TITUS	250
237	SUPPLY	50 CFM	6"	4"	TITUS	250
238	SUPPLY	50 CFM	6"	6"	TITUS	250
239	SUPPLY	50 CFM	6"	4"	TITUS	250
247	SUPPLY	50 CFM	6"	4"	TITUS	250
250	SUPPLY	50 CFM	6"	4"	TITUS	250
251	SUPPLY	35 CFM	6"	4"	TITUS	250
252	SUPPLY	50 CFM	6"	4"	TITUS	250
258	SUPPLY	50 CFM	6"	4"	TITUS	250
259	SUPPLY	50 CFM	6"	4"	TITUS	250
263	SUPPLY	50 CFM	6"	4"	TITUS	250
264	SUPPLY	50 CFM	6"	4"	TITUS	250
265	SUPPLY	50 CFM	6"	4"	TITUS	250
266	SUPPLY	50 CFM	6"	4"	TITUS	250
267	SUPPLY	50 CFM	6"	4"	TITUS	250
268	SUPPLY	25 CFM	6"	4"	TITUS	250
269	SUPPLY	50 CFM	6"	4"	TITUS	250
270	SUPPLY	50 CFM	6"	4"	TITUS	250
271	SUPPLY	50 CFM	6"	4"	TITUS	250
315	SUPPLY	60 CFM	6"	4"	TITUS	250
336	SUPPLY	60 CFM	6"	4"	TITUS	250
337	SUPPLY	60 CFM	6"	4"	TITUS	250
338	SUPPLY	50 CFM	6"	4"	TITUS	250
507	SUPPLY	165 CFM	10"	8"	TITUS	250
509	SUPPLY	165 CFM	10"	8"	TITUS	250
510	SUPPLY	165 CFM	10"	8"	TITUS	250
511	SUPPLY	50 CFM	6"	4"	TITUS	250
512	SUPPLY	50 CFM	6"	4"	TITUS	250
515	SUPPLY	50 CFM	6"	4"	TITUS	250
521	SUPPLY	50 CFM	6"	4"	TITUS	250
528	SUPPLY	35 CFM	6"	4"	TITUS	250
529	SUPPLY	50 CFM	6"	4"	TITUS	250
7	SUPPLY	50 CFM	6"	4"	TITUS	250
7	SUPPLY	50 CFM	6"	4"	TITUS	250

NOTES:
1. MAXIMUM PRESSURE DROP OF 0.1 IN.W.C.

AIR DEVICE SCHEDULE - EXHAUST AIR REGISTERS - PHASE 1

MARK	SERVING	FLOW	LENGTH	WIDTH	MANUFACTURER	MODEL NUMBER
1	EXHAUST	25 CFM	6"	6"	TITUS	350RL
2	EXHAUST	25 CFM	6"	6"	TITUS	350RL
3	EXHAUST	25 CFM	6"	6"	TITUS	350RL
4	EXHAUST	25 CFM	6"	6"	TITUS	350RL
5	EXHAUST	25 CFM	6"	6"	TITUS	350RL
6	EXHAUST	25 CFM	6"	6"	TITUS	350RL
7	EXHAUST	25 CFM	6"	6"	TITUS	350RL
8	EXHAUST	25 CFM	6"	6"	TITUS	350RL
9	EXHAUST	25 CFM	6"	6"	TITUS	350RL
10	EXHAUST	25 CFM	6"	6"	TITUS	350RL
11	EXHAUST	25 CFM	6"	6"	TITUS	350RL
29	EXHAUST	25 CFM	6"	6"	TITUS	350RL
32	EXHAUST	25 CFM	6"	6"	TITUS	350RL
42	EXHAUST	25 CFM	6"	6"	TITUS	350RL
43	EXHAUST	25 CFM	6"	6"	TITUS	350RL
44	EXHAUST	25 CFM	6"	6"	TITUS	350RL
49	EXHAUST	25 CFM	6"	6"	TITUS	350RL
50	EXHAUST	25 CFM	6"	6"	TITUS	350RL
51	EXHAUST	25 CFM	6"	6"	TITUS	350RL
60	EXHAUST	25 CFM	6"	6"	TITUS	350RL
61	EXHAUST	25 CFM	6"	6"	TITUS	350RL
62	EXHAUST	25 CFM	6"	6"	TITUS	350RL
64	EXHAUST	25 CFM	6"	6"	TITUS	350RL
65	EXHAUST	25 CFM	6"	6"	TITUS	350RL
69	EXHAUST	25 CFM	6"	6"	TITUS	350RL
70	EXHAUST	25 CFM	6"	6"	TITUS	350RL
71	EXHAUST	25 CFM	6"	6"	TITUS	350RL
77	EXHAUST	25 CFM	6"	6"	TITUS	350RL
78	EXHAUST	25 CFM	6"	6"	TITUS	350RL
79	EXHAUST	25 CFM	6"	6"	TITUS	350RL
82	EXHAUST	25 CFM	6"	6"	TITUS	350RL
83	EXHAUST	25 CFM	6"	6"	TITUS	350RL
84	EXHAUST	25 CFM	6"	6"	TITUS	350RL
90	EXHAUST	25 CFM	6"	6"	TITUS	350RL
91	EXHAUST	25 CFM	6"	6"	TITUS	350RL
94	EXHAUST	25 CFM	6"	6"	TITUS	350RL
95	EXHAUST	25 CFM	6"	6"	TITUS	350RL
96	EXHAUST	25 CFM	6"	6"	TITUS	350RL
99	EXHAUST	25 CFM	6"	6"	TITUS	350RL
100	EXHAUST	25 CFM	6"	6"	TITUS	350RL
101	EXHAUST	25 CFM	6"	6"	TITUS	350RL
103	EXHAUST	25 CFM	6"	6"	TITUS	350RL
104	EXHAUST	25 CFM	6"	6"	TITUS	350RL
105	EXHAUST	25 CFM	6"	6"	TITUS	350RL
123	EXHAUST	25 CFM	6"	6"	TITUS	350RL
124	EXHAUST	25 CFM	6"	6"	TITUS	350RL
125	EXHAUST	25 CFM	6"	6"	TITUS	350RL
132	EXHAUST	25 CFM	6"	6"	TITUS	350RL
133	EXHAUST	25 CFM	6"	6"	TITUS	350RL
134	EXHAUST	25 CFM	6"	6"	TITUS	350RL
139	EXHAUST	25 CFM	6"	6"	TITUS	350RL
140	EXHAUST	25 CFM	6"	6"	TITUS	350RL
141	EXHAUST	25 CFM	6"	6"	TITUS	350RL
142	EXHAUST	25 CFM	6"	6"	TITUS	350RL
143	EXHAUST	25 CFM	6"	6"	TITUS	350RL
145	EXHAUST	25 CFM	6"	6"	TITUS	350RL
146	EXHAUST	25 CFM	6"	6"	TITUS	350RL
147	EXHAUST	25 CFM	6"	6"	TITUS	350RL
148	EXHAUST	25 CFM	6"	6"	TITUS	350RL
149	EXHAUST	25 CFM	6"	6"	TITUS	350RL
151	EXHAUST	25 CFM	6"	6"	TITUS	350RL
153	EXHAUST	25 CFM	6"	6"	TITUS	350RL
161	EXHAUST	25 CFM	6"	6"	TITUS	350RL
162	EXHAUST	25 CFM	6"	6"	TITUS	350RL
163	EXHAUST	25 CFM	6"	6"	TITUS	350RL
179	EXHAUST	25 CFM	6"	6"	TITUS	350RL
180	EXHAUST	25 CFM	6"	6"	TITUS	350RL
181	EXHAUST	25 CFM	6"	6"	TITUS	350RL
187	EXHAUST	25 CFM	6"	6"	TITUS	350RL
188	EXHAUST	25 CFM	6"	6"	TITUS	350RL

NOTES:
1. MAXIMUM PRESSURE DROP OF 0.1 IN. W.C.

AIR DEVICE SCHEDULE - EXHAUST AIR REGISTERS - PHASE 1

MARK	SERVING	FLOW	LENGTH	WIDTH	MANUFACTURER	MODEL NUMBER
196	EXHAUST	25 CFM	6"	6"	TITUS	350RL
197	EXHAUST	25 CFM	6"	6"	TITUS	350RL
198	EXHAUST	25 CFM	6"	6"	TITUS	350RL
214	EXHAUST	25 CFM	6"	6"	TITUS	350RL
215	EXHAUST	25 CFM	6"	6"	TITUS	350RL
217	EXHAUST	25 CFM	6"	6"	TITUS	350RL
218	EXHAUST	25 CFM	6"	6"	TITUS	350RL
219	EXHAUST	25 CFM	6"	6"	TITUS	350RL
223	EXHAUST	25 CFM	6"	6"	TITUS	350RL
224	EXHAUST	25 CFM	6"	6"	TITUS	350RL
225	EXHAUST	25 CFM	6"	6"	TITUS	350RL
226	EXHAUST	25 CFM	6"	6"	TITUS	350RL
227	EXHAUST	25 CFM	6"	6"	TITUS	350RL
229	EXHAUST	25 CFM	6"	6"	TITUS	350RL
230	EXHAUST	25 CFM	6"	6"	TITUS	350RL
231	EXHAUST	25 CFM	6"	6"	TITUS	350RL
232	EXHAUST	25 CFM	6"	6"	TITUS	350RL
233	EXHAUST	25 CFM	6"	6"	TITUS	350RL
234	EXHAUST	25 CFM	6"	6"	TITUS	350RL
244	EXHAUST	25 CFM	6"	6"	TITUS	350RL
245	EXHAUST	25 CFM	6"	6"	TITUS	350RL
246	EXHAUST	25 CFM	6"	6"	TITUS	350RL
248	EXHAUST	25 CFM	6"	6"	TITUS	350RL
249	EXHAUST	25 CFM	6"	6"	TITUS	350RL
253	EXHAUST	25 CFM	6"	6"	TITUS	350RL
254	EXHAUST	25 CFM	6"	6"	TITUS	350RL
255	EXHAUST	25 CFM	6"	6"	TITUS	350RL
256	EXHAUST	25 CFM	6"	6"	TITUS	350RL
257	EXHAUST	25 CFM	6"	6"	TITUS	350RL
260	EXHAUST	25 CFM	6"	6"	TITUS	350RL
261	EXHAUST	25 CFM	6"	6"	TITUS	350RL
262	EXHAUST	25 CFM	6"	6"	TITUS	350RL
273	EXHAUST	55 CFM	6"	6"	TITUS	350RL
275	EXHAUST	55 CFM	6"	6"	TITUS	350RL
277	EXHAUST	55 CFM	6"	6"	TITUS	350RL
278	EXHAUST	55 CFM	6"	6"	TITUS	350RL
281	EXHAUST	110 CFM	8"	6"	TITUS	350RL
283	EXHAUST	305 CFM	12"	10"	TITUS	350RL
286	EXHAUST	320 CFM	12"	10"	TITUS	350RL
303	EXHAUST	25 CFM	6"	6"	TITUS	350RL
304	EXHAUST	25 CFM	6"	6"	TITUS	350RL
305	EXHAUST	25 CFM	6"	6"	TITUS	350RL
306	EXHAUST	25 CFM	6"	6"	TITUS	350RL
307	EXHAUST	25 CFM	6"	6"	TITUS	350RL
308	EXHAUST	25 CFM	6"	6"	TITUS	350RL
309	EXHAUST	25 CFM	6"	6"	TITUS	350RL
310	EXHAUST	25 CFM	6"	6"	TITUS	350RL
311	EXHAUST	25 CFM	6"	6"	TITUS	350RL
451	EXHAUST	110 CFM	8"	6"	TITUS	350RL
508	EXHAUST	70 CFM	6"	6"	TITUS	350RL
513	EXHAUST	70 CFM	6"	6"	TITUS	350RL
514	EXHAUST	70 CFM	6"	6"	TITUS	350RL
517	EXHAUST	0 CFM	8"	8"	TITUS	350RL
518	EXHAUST	0 CFM	8"	8"	TITUS	350RL
520	EXHAUST	125 CFM	8"	6"	TITUS	350RL
525	EXHAUST	60 CFM	6"	6"	TITUS	350RL
526	EXHAUST	60 CFM	6"	6"	TITUS	350RL
527	EXHAUST	60 CFM	6"	6"	TITUS	350RL
532	EXHAUST	335 CFM	12"	10"	TITUS	350RL
534	EXHAUST	300 CFM	12"	10"	TITUS	350RL
535	EXHAUST	410 CFM	12"	10"	TITUS	350RL
536	EXHAUST	335 CFM	12"	10"	TITUS	350RL
537	EXHAUST	0 CFM	12"	10"	TITUS	350RL
539	EXHAUST	300 CFM	12"	10"	TITUS	350RL
540	EXHAUST	300 CFM	12"	10"	TITUS	350RL
541	EXHAUST	410 CFM	12"	10"	TITUS	350RL
542	EXHAUST	0 CFM	12"	10"	TITUS	350RL
544	EXHAUST	400 CFM	12"	10"	TITUS	350RL
546	EXHAUST	0 CFM	12"	10"	TITUS	350RL
551	EXHAUST	400 CFM	12"	10"	TITUS	350RL
552	EXHAUST	400 CFM	12"	10"	TITUS	350RL

NOTES:
1. MAXIMUM PRESSURE DROP OF 0.1 IN. W.C.

AIR DEVICE SCHEDULE - TRANSFER AIR REGISTERS - PHASE 1

MARK	SERVING	FLOW	LENGTH	WIDTH	MANUFACTURER	MODEL NUMBER
212	TRANSFER	0 CFM	6"	6"	TITUS	350RL
213	TRANSFER	25 CFM	6"	6"	TITUS	350RL
287	TRANSFER	0 CFM	6"	6"	TITUS	350RL
288	TRANSFER	0 CFM	6"	6"	TITUS	350RL
291	TRANSFER	0 CFM	6"	6"	TITUS	350RL
292	TRANSFER	0 CFM	6"	6"	TITUS	350RL
293	TRANSFER	0 CFM	6"	6"	TITUS	350RL
294	TRANSFER	0 CFM	6"	6"	TITUS	350RL
330	TRANSFER	0 CFM	6"	6"	TITUS	350RL
331	TRANSFER	0 CFM	6"	6"	TITUS	350RL
547	TRANSFER	0 CFM	6"	6"	TITUS	350RL
548	TRANSFER	0 CFM	6"	6"	TITUS	350RL
549	TRANSFER	0 CFM	6"	6"	TITUS	350RL
550	TRANSFER	0 CFM	6"	6"	TITUS	350RL

NOTES:
1. MAXIMUM PRESSURE DROP OF 0.1 IN. W.C.

AIR DEVICE SCHEDULE - CEILING SUPPLY DIFFUSERS - PHASE 1

MARK	SERVING	FLOW	NECK CONNECTION	LENGTH	WIDTH	MANUFACTURER	MODEL NUMBER
327	SUPPLY	295 CFM		12"	12"	TITUS	TDCA
332	SUPPLY	175 CFM		12"	12"	TITUS	TDCA
333	SUPPLY	295 CFM		12"	12"	TITUS	TDCA
334	SUPPLY	145 CFM		12"	12"	TITUS	TDCA
335	SUPPLY	290 CFM		12"	12"	TITUS	TDCA
452	SUPPLY	145 CFM		12"	12"	TITUS	TDCA

AIR DEVICE SCHEDULE - RETURN AIR REGISTERS - PHASE 1

MARK	SERVING	FLOW	LENGTH	WIDTH	MANUFACTURER	MODEL NUMBER
317	RETURN	800 CFM	16"	16"	TITUS	350RL
318	RETURN	800 CFM	16"	16"	TITUS	350RL
324	RETURN	1345 CFM	24"	22"	TITUS	350RL
453	RETURN	1450 CFM	24"	22"	TITUS	350RL
454	RETURN	1450 CFM	24"	22"	TITUS	350RL
470	RETURN	800 CFM	16"	16"	TITUS	350RL
474	RETURN	800 CFM	16"	16"	TITUS	350RL
482	RETURN	1435 CFM	24"	22"	TITUS	350RL
490	RETURN	1435 CFM	24"	22"	TITUS	350RL
498	RETURN	1435 CFM	24"	22"	TITUS	350RL
506	RETURN	1435 CFM	24"	22"	TITUS	350RL

NOTES:
1. MAXIMUM PRESSURE DROP OF 0.1 IN.W.C.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

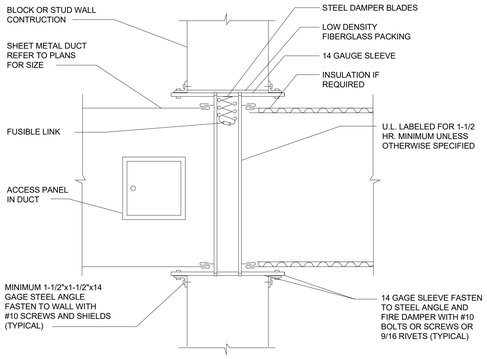
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
MECHANICAL SCHEDULES

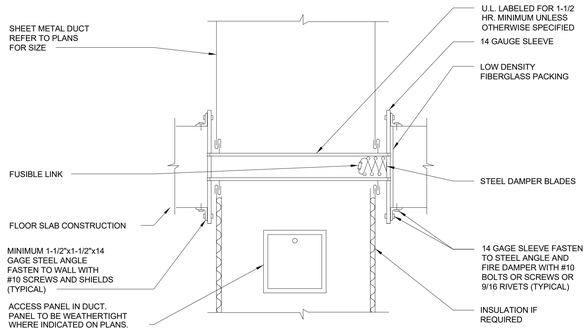
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	Author	Checker

M7.02

10/19/2020 9:01:53 AM C:\Users\rsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rsingh\JAYZV.rvt

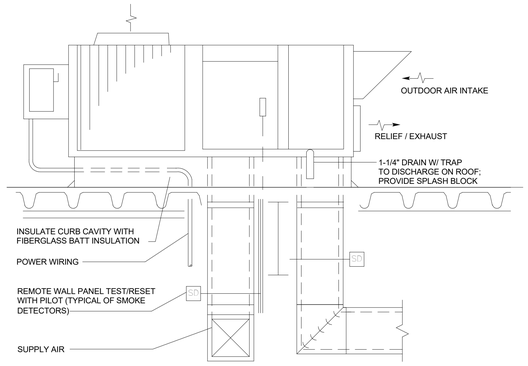


1 DETAIL - TYPICAL HORIZONTAL FLOW FIRE DAMPER
NOT TO SCALE

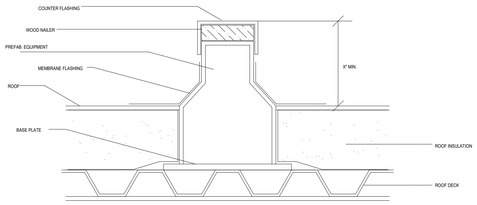


NOTE:
PROVIDE ACCESS PANELS IN CEILING OR WALL AS NECESSARY FOR ACCESS.

2 DETAIL - TYPICAL VERTICAL FLOW FIRE DAMPER
NOT TO SCALE

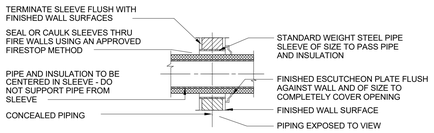


3 DETAIL - DOAS UNIT SUPPORT
NOT TO SCALE



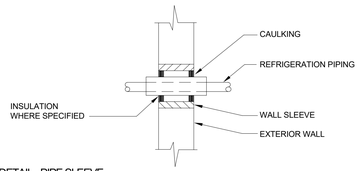
4 DETAIL - TYPICAL EQUIPMENT CURB
NOT TO SCALE

NOTES: 1. COORDINATE TYPE OF ROOF WITH ARCHITECT

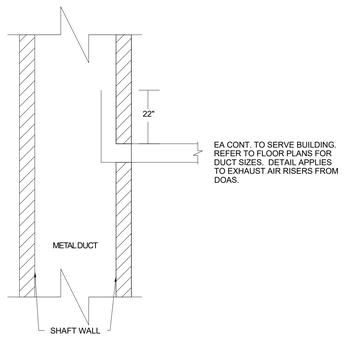


NOTES:
1. REFER TO ARCHITECTURAL DRAWING FOR TYPES OF WALLS & THEIR CONSTRUCTION.
2. PROVIDE SLEEVES @ ALL RATED WALL PENETRATIONS.

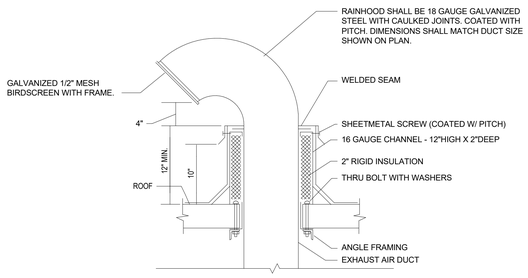
5 DETAIL - TYPICAL SLEEVE THROUGH INTERIOR WALL
NOT TO SCALE



6 DETAIL - PIPE SLEEVE
NOT TO SCALE



7 DETAIL - EXHAUST AIR SUBDUCT DETAIL
NOT TO SCALE



8 DETAIL - TYPICAL GOOSENECK
NOT TO SCALE

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
MECHANICAL DETAILS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	Author	Checker

M8.01

10/19/2020 9:01:54 AM C:\Users\nsingh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_nsingh.RVT

PLUMBING LEGEND

SYMBOL	ABBREV	DESCRIPTION
	SP,SAN	SANITARY PIPE
SW	SW	STORM WATER
D	D	DRAIN / CONDENSATE DRAIN
FDR	FDR	FOUNDATION DRAIN
CO	CO	CLEANOUT
	VP	VENT PIPE
	CW	COLD WATER
	HW	HOT WATER
T	T	TEMPERED WATER
G	G	GAS
F	F	FIRE LINE
		FLOW METER FITTING
TP	TP	TRAP PRIMER
		RELIEF VALVE
MAV	MAV	MANUAL AIR VALVE
AAV	AAV	AUTOMATIC AIR VALVE
		STRAINER W/VALVE
		UNION
SA	SA	SHOCK ABSORBER
FS		FLOW SWITCH
T		THERMOMETER
		THERMOMETER WELL
		PRESSURE GAUGE W/ SYPHON & NEEDLE VALVE
P		PRESSURE GAUGE W/NEEDLE VALVE
	PG	PRESSURE GAUGE TAPPING
		PIPE GUIDE
		ANCHOR
		FLEXIBLE PIPE CONNECTION
	OS&Y	OS&Y VALVE W/ TAMPER SWITCH
		SHUTOFF VALVE
		CHECK VALVE
BWV	BWV	BACK WATER VALVE
	PRV	PRESSURE REDUCING VALVE
		PIPE TURNING UP
		PIPE TURNING DOWN
		TEE TURNING UP
		TEE TURNING DOWN
WH	WH	WALL HYDRANT
R		GAS PRESSURE REGULATOR
AD	AD	AREA DRAIN
FD	FD	FLOOR DRAIN
FS	FS	FLOOR SINK
	AFF	ABOVE FINISHED FLOOR
	BTU	BRITISH THERMAL UNIT
	CB	CATCH BASIN
	CFH	CUBIC FEET HOUR
	CFM	CUBIC FEET MINUTE
	FFE	FINISHED FLOOR ELEVATION
	FP	FIRE PROTECTION
	GPM	GALLONS PER MINUTE
	(CONT. ON P#.##)	FOR CONTINUATION SEE FLOOR PLAN ON DRAWING P#.##
	KW	KILOWATTS
	MBH	THOUSAND BTU/HR
	PD	PUMPED DISCHARGE
	OSD	OPEN SITE DRAIN
	V-PH	VOLT-PHASE
	VTR	VENT THROUGH ROOF
S##		SANITARY RISER NUMBER
V##		VENT RISER NUMBER
W##		WATER RISER NUMBER
D##		CONDENSATE DRAIN RISER NUMBER
1 / 1		SECTION DESIGNATION
1 / 1		DETAIL DESIGNATION

GENERAL NOTES: FIRE PROTECTION (APPLY TO WORK PROVIDED UNDER DIV. 20):

1. THE GENERAL NOTES OF SECTION 20 APPLY TO WORK PERFORMED UNDER THIS SECTION.
2. DESIGN AND PROVIDE A COMPLETE FIRE SUPPRESSION SYSTEM. THIS SYSTEM SHALL INCLUDE THE NECESSARY DEVICES, APPURTENANCES, ETC., TO PROVIDE A FULLY FUNCTIONAL SYSTEM CONFORMING TO THE REQUIREMENTS OF THE APPLICABLE NFPA STANDARDS AND THE LOCAL OFFICE OF THE FIRE MARSHAL AND/OR THE AUTHORITY HAVING JURISDICTION (AHJ).
3. A SET OF FIRE SUPPRESSION SYSTEM SHOP DRAWINGS AS REQUIRED BY NFPA AND LOCAL JURISDICTION SHALL BE SUBMITTED TO THE ARCHITECT FOR GENERAL REVIEW. AFTER GOVERNMENTAL AND REGULATORY AGENCY APPROVALS HAVE BEEN OBTAINED, PROVIDE A COPY OF THE APPROVED SHOP DRAWINGS TO THE ARCHITECT FOR RECORD PURPOSES. THE SUBMITTAL SHALL INCLUDE MANUFACTURER'S DATA SHEETS AND HYDRAULIC CALCULATIONS. NO INSTALLATION OF THE SYSTEM SHALL BE MADE UNTIL APPROVAL FROM THE APPLICABLE AHJ IS OBTAINED. SYSTEM SHOWN ON THE CONTRACT DRAWINGS IS SCHEMATIC AND IS INTENDED FOR USE AS A GUIDE. DEPARTURES FROM THE SYSTEM INDICATED ON THE CD'S SHALL BE SPECIFICALLY CALLED OUT IN THE SHOP DRAWING SUBMITTALS.
4. SPRINKLER PIPING IN UNHEATED AREAS SHALL BE PROTECTED FROM FREEZING AS REQUIRED BY NFPA. DRY SIDEWALL HEADS MAY BE USED FROM THE WET SYSTEM FOR SMALL AREAS PROVIDED THE HEADS ARE ABLE TO MEET THE COVERAGE REQUIREMENTS OUTLINED IN NFPA AND THE BUILDING ARCHITECTURE CAN ACCOMMODATE THE ASSOCIATED PIPING. PROVIDE COMPLETE DRY SYSTEMS IN LARGE UNHEATED AREAS, SUCH AS ATTICS, LARGE COVERED PORCHES & BALCONIES, CARPORTS, GARAGES, ETC. "TENTING" OF INSULATION ABOVE WET PIPING IN AN UNHEATED SPACE IS NOT ACCEPTABLE. DETERMINE THE NUMBER AND SIZE OF DRY SYSTEMS TO COVER AREAS OF THE PROJECT AS REQUIRED BY NFPA.
5. HORIZONTAL PIPING MAY ONLY OCCUR ON THE TOP FLOOR IF IT IS CONTAINED WITHIN THE CONDITIONED BUILDING ENVELOPE, SUCH AS CONCEALED IN WALLS OR IN BULKHEADS DROPPED BELOW THE CEILING. INSULATING ABOVE WET PIPING IN AN UNHEATED SPACE IS NOT ACCEPTABLE.
6. AREAS SUCH AS VERTICAL SHAFTS, TRASH CHUTES, LAUNDRY CHUTES, ETC. SHALL BE PROTECTED AS OUTLINED IN NFPA. SPRINKLER HEADS SHALL BE PROVIDED FOR MECHANICAL CLOSETS.
7. ROUTING OF SPRINKLER LINES AND/OR SPRINKLERS HEADS THAT REQUIRE ADDITIONAL ARCHITECTURAL FEATURES LIKE BULKHEADS OR CHASES SHALL BE SPECIFICALLY IDENTIFIED IN THE SHOP DRAWING SUBMITTAL.
8. INFORMATION AVAILABLE TO BIDDERS: THIS ARTICLE AND THE FOLLOWING FLOW TEST DATA AND WATER SUPPLY CALCULATIONS ARE MADE AVAILABLE FOR THE BIDDER'S CONVENIENCE AND ARE NOT PART OF THE CONTRACT DOCUMENTS AND DO NOT RELIEVE THE BIDDERS FROM PERFORMING THEIR OWN INVESTIGATION TO DETERMINE THE ACCURACY OF THE INFORMATION.
9. FLOW TEST DATA: FLOW CHART PROVIDED BY WATER AUTHORITY.
   - A. PEAK HOUR/MAX DAY DEMAND (ESTIMATED VALUES FROM CHART)
     - a. STATIC PRESSURE: 85 PSI.
     - b. RESIDUAL PRESSURE: 80 PSI.
     - c. FLOW RATE: 600 GPM.
   - B. LOW DEMAND/NORMAL DAY (ESTIMATED VALUES FROM CHART)
     - a. STATIC PRESSURE: 55 PSI.
     - b. RESIDUAL PRESSURE: 50 PSI.
     - c. FLOW RATE: 500 GPM
10. WATER SUPPLY CALCULATIONS: STANDPIPE FLOW – 500 GPM FOR THE FIRST STANDPIPE, 250 GPM PER ADDITIONAL STANDPIPE UP TO 1000 GPM FOR FULLY SPRINKLERED BUILDINGS, PRIVATE FIRE HYDRANT CAPABLE OF 500 GPM FOR A TOTAL OF 1250GPM.
11. PRESSURE LOSSES

A.	AVAILABLE PRESSURE @ DESIGN FLOW	38 PSI
B.	SERVICE FROM CONNECTION POINT TO BUILDING	1 PSI
C.	DOUBLE CHECK VALVE	10 PSI
D.	OUTSIDE ELEVATION HEAD	1.3 PSI
E.	INSIDE ELEVATION HEAD	24 PSI
F.	REQUIRED PRESSURE AT MOST REMOTE SPRINKLER	12 PSI
G.	ALLOWANCE FOR INSIDE PIPING	20 PSI
H.	SAFETY (10%)	6.8 PSI
I.	TOTAL	75.1 PSI
J.	REMAINING PRESSURE (AVAIL. PRES. – PRES. LOSSES)	-37.1 PSI

12. BASED UPON THE CALCULATIONS SHOWN IN INFORMATION AVAILABLE TO BIDDERS, A FIRE PUMP IS REQUIRED WITH THE INDICATED ALLOWANCE FOR PIPING LOSSES. VERIFY THESE CALCULATIONS. IF CALCULATIONS SHOW [A LARGER PUMP IS REQUIRED, THE COST OF THE LARGER PUMP AND RELATED WORK (INCLUDING, BUT NOT LIMITED TO, POWER SUPPLY, EMERGENCY POWER, FIRE ALARM SYSTEM, CONSTRUCTION OF THE PUMP ROOM AND CONCRETE PADS) SHALL BE PROVIDED AS A NEGOTIATED CHANGE. HOWEVER, THE COST OF THE LARGE PIPING AND LOW PRESSURE HEADS TO AVOID A PUMP OR LARGER PUMP SHALL BE INCLUDED IN THIS CONTRACT. THE OWNER WILL RETAIN THE OPTION TO REQUIRE LARGER PIPE SIZES IN LIEU OF A FIRE PUMP OR A LARGER FIRE PUMP.
13. HOSE CONNECTIONS ARE SHOWN AT THE INTERMEDIATE LANDINGS PER THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE COORDINATE LOCATION OF HOSE CONNECTIONS WITH AUTHORITY HAVING JURISDICTION, PRIOR TO THE GENERATION AND SUBMISSION OF SHOP DRAWINGS.

GENERAL NOTES (APPLY TO WORK PROVIDED UNDER DIV. 20):

1. GENERAL: FURNISH LABOR, EQUIPMENT AND MATERIALS NECESSARY FOR THE INSTALLATION OF THE COMPLETE PLUMBING SYSTEMS AS SPECIFIED HEREIN AND INDICATED IN THE CONTRACT DOCUMENTS. OUTLINE DESCRIPTION AND DIAGRAMMATIC REPRESENTATION OF SYSTEM OPERATION AND EQUIPMENT DOES NOT LIMIT CONTRACTOR LIABILITY FOR FURNISHING AND INSTALLING COMPLETE AND OPERABLE SYSTEMS.
2. APPLICABLE CODES: THE INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE CODE OF THE LOCAL AUTHORITY HAVING JURISDICTION.
3. NOTE DEFINITIONS: "DRAWING NOTES" APPLY TO THE ENTIRE DRAWING ON WHICH THEY APPEAR, WHERE RELEVANT. "SPECIFIC NOTES" APPLY ONLY WHERE INDICATED WITH THE "SPECIFIC NOTE" SYMBOL. REFER TO LEGEND.
4. PROVIDE REQUIRED CLEARANCE FOR MAINTENANCE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS OR AS REQUIRED BY CODE FOR MECHANICAL AND PLUMBING EQUIPMENT.
5. VERIFY THAT EXISTING EQUIPMENT THAT IS TO REMAIN IS FULLY FUNCTIONAL AND OPERATIONAL.
6. PERMITS: INCLUDE IN THE BID PRICE THE PAYMENT OF NECESSARY PERMITS. FURNISH THE OWNER PRIOR TO THE FINAL PAYMENT A CERTIFICATE FROM THE INSPECTION DEPARTMENT HAVING JURISDICTION CERTIFYING THAT THE WORK MEETS THE REQUIREMENTS OF THE LOCAL INSPECTION AUTHORITIES AND/OR THE NATIONAL BOARD OF FIRE UNDERWRITERS.
7. SCHEDULING: COORDINATE WITH THE OWNER FOR SCHEDULING OF WORK.
8. WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
9. KEEP THE WORK SITE AND SURROUNDING AREA FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH GENERATED BY WORK FROM THIS CONTRACT. PROPERLY AND LEGALLY DISPOSE OF MATERIALS.
10. SAFETY: JOB SITE SAFETY SHALL BE IN STRICT ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
11. VISIT THE SITE AND CAREFULLY EXAMINE EXISTING CONDITIONS THAT MAY AFFECT THE BID.
12. EXISTING PLUMBING INSTALLATION: EXISTING PLUMBING WORK WHICH WILL NOT BE RENDERED OBSOLETE AND WHICH MAY BE DISTURBED DUE TO ANY CHANGES REQUIRED UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION. OTHER PLUMBING ITEMS OR PLUMBING FIXTURES RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED.
13. WHERE EXISTING PLUMBING WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE DISCONNECTED AND RELOCATED AND/OR RECONNECTED TO COORDINATE WITH NEW WORK AS INDICATED IN THE CONTRACT DOCUMENTS AND AS SPECIFIED.
14. DO NOT DISCONTINUE ANY PLUMBING SYSTEM SERVICE WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE USER AGENCY. THE PLUMBING SYSTEM OUTAGES SHALL BE KEPT TO A MINIMUM.
15. PROVIDE SUBMITTALS (SHOP DRAWINGS) FOR REVIEW FOR NEW MATERIALS AND EQUIPMENT. PRIOR TO SUBMITTING, REVIEW SUBMITTALS FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS, CONFLICTS WITH OTHER TRADES, AND CONSTRUCTABILITY. IDENTIFY ANY DEVIATIONS IN SUBMITTALS FROM CONTRACT DOCUMENTS. ENGINEER'S REVIEW OF SUBMITTALS DOES NOT INCLUDE REVIEW OF DIMENSIONS, DETAILS, OR QUANTITIES. REVIEW DOES NOT WAIVE ANY REQUIREMENTS OF CONTRACT DOCUMENTS, INCLUDING REQUIREMENT TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM.
16. WHEN MOUNTING PLUMBING WORK IN AREAS SUBJECT TO PEDESTRIAN TRAFFIC, MAINTAIN REQUIRED HEADROOM CLEARANCES.
17. PLUMBING MATERIALS AND EQUIPMENT SHALL BE INSTALLED AS TO MAINTAIN THEIR RESPECTIVE UL RATING AND SHALL CONFORM TO FACTORY MUTUAL STANDARDS AS APPLICABLE.
18. PLUMBING WORK SHALL BE CONCEALED IN FINISHED AREAS SHOWN ON THE ARCHITECTURAL DRAWINGS UNLESS NOTED OTHERWISE.
19. EQUIPMENT LOCATIONS: REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT FIXTURE LOCATIONS AND THE ELECTRICAL DRAWINGS FOR EXACT ELECTRICAL EQUIPMENT LOCATIONS. LOCATIONS PLUMBING EQUIPMENT AND PIPING ARE SHOWN DIAGRAMMATICALLY. DETERMINE EXACT LOCATIONS IN THE FIELD.
20. SEALING FITTINGS AND APPROVED SEALING COMPOUND SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE CODE. SEAL AROUND PENETRATIONS OF FIRE-RATED WALLS WITH AN APPROVED SEALANT.
21. SANITARY AND DRAINAGE PIPING SHALL RUN AT 2% SLOPE MINIMUM, UNLESS NOTED OTHERWISE.
22. LOCATIONS OF DRAINS AND CONNECTIONS TO FIXTURES AND EQUIPMENT SHALL BE COORDINATED WITH FLOOR PLANS, EQUIPMENT CUTS AND MECHANCIAL/ELECTRICAL/STRUCTURAL PLANS. NO WORK SHALL BE INSTALLED UNTIL LOCATIONS HAVE BEEN VERIFIED.
23. PLUMBING FIXTURES SHALL BE CAULKED TO THE ADJOINING FLOOR OR WALL SURFACE.
24. PROVIDE CLEANOUTS IN SANITARY AND DRAIN LINES EVERY 50 FEET UNLESS INDICATED AT CLOSER INTERVALS ON THE DRAWINGS AND AT CHANGES OF DIRECTION.
25. THE PLUMBING FIXTURE SCHEDULE AND SPECIFICATIONS SUPERCEDE THE SYMBOLS INDICATED ON THE FLOOR PLANS.
26. PIPE DROPS IN EXTERIOR WALLS SHALL BE INBOARD OF INSULATION.
27. FOR APARTMENT UNITS, PROVIDE SHOCK ABSORBERS ON THE HOT AND COLD WATER LINES TO THE KITCHEN SINK, WITH THE SHOCK ABSORBERS LOCATED IN THE SINK BASE CABINET. ADDITIONALLY PROVIDE SHOCK ABSORBERS AT EACH BATHROOM ON THE HOT AND COLD WATER LINES TO THE TUB/SHOWER, WITH THE SHOCK ABSORBERS LOCATED IN THE VERTICAL DROPS SUCH THAT THEY CAN BE ACCESSED BY THROUGH THE ACCESS PANEL PROVIDED FOR THE TUB/SHOWER DIVERTER VALVE.
28. EXTEND VENT PIPING FROM GAS PRESSURE REGULATORS TO DISCHARGE TO THE ROOF.
29. PROVIDE INSULATION AND SELF-REGULATING HOT WATER TEMPERATURE MAINTENANCE TAPE (HWAT) ON THE HW DISTRIBUTION PIPING ¾" AND LARGER. PROVIDE INSULATION AND SELF REGULATING HWAT ON BRANCH HW PIPING ½" AND SMALLER WITHIN 8 FEET OF THE PLUMBING FIXTURE. PROVIDE CONTROL FOR HWAT TAPE IN ACCORDANCE WITH THE 2015 INTERNATIONAL ENERGY CONSERVATION CODE.

DRAWING LIST - PLUMBING - PHASE 1

SHEET NUMBER	SHEET NAME
P0.00	SYMBOLS, NOTES & ABBREVIATIONS
P1.01	FOUNDATION FLOOR PLAN, MILL 1 - PLUMBING
P1.02	FOUNDATION FLOOR PLAN, MILL 2 - PLUMBING
P1.03	FOUNDATION FLOOR PLAN, MILL 3 - PLUMBING
P1.04	BASEMENT FLOOR PLANS, MILL 1 - PLUMBING
P1.05	FIRST FLOOR PLAN, MILL 1 - PLUMBING
P1.06	FIRST FLOOR PLAN, MILL 2 - PLUMBING
P1.07	FIRST FLOOR PLAN, MILL 3 - PLUMBING
P1.08	SECOND FLOOR PLAN, MILL 1 - PLUMBING
P1.09	SECOND FLOOR PLAN, MILL 2 - PLUMBING
P1.10	SECOND FLOOR PLAN, MILL 3 - PLUMBING
P1.11	THIRD FLOOR PLAN, MILL 1 - PLUMBING
P1.12	THIRD FLOOR PLANS, MILL 2 - PLUMBING
P1.13	THIRD FLOOR PLANS, MILL 3 - PLUMBING
P1.14	ROOF PLANS, MILL 1 - PLUMBING
P1.15	ROOF PLANS, MILL 2 - PLUMBING
P1.16	ROOF PLANS, MILL 3 - PLUMBING
P1.17	BUILDING-21 FLOOR PLANS - PLUMBING
P1.18	FOUNDATION PLAN BOILER BUILDING - PLUMBING
P1.19	FIRST FLOOR PLAN BOILER BUILDING - PLUMBING
P1.20	SECOND FLOOR PLAN BOILER BUILDING - PLUMBING
P1.21	ROOF PLAN BOILER BUILDING - PLUMBING
P4.01	UNIT PLANS, MILLS 1,2,3 - PLUMBING
P4.02	UNIT PLANS, MILLS 1,2,3 - PLUMBING
P4.03	UNIT PLANS, MILLS 1,2,3 - PLUMBING
P4.04	UNIT PLANS, MILLS 1,2,3 - PLUMBING
P5.01	PLUMBING DETAILS
P5.02	PLUMBING DETAILS
P6.01	OVERALL SANITARY RISER DIAGRAM - MILL 1,2,3
P6.02	OVERALL VENT RISER DIAGRAM - MILL 1,2,3
P6.03	PLUMBING RISER DIAGRAM - MILL 1,2,3
P6.04	PLUMBING RISER DIAGRAM - MILL 1,2,3
P6.05	PLUMBING RISER DIAGRAM - MILL 1,2,3
P6.06	PLUMBING RISER DIAGRAM - MILL 1,2,3
P6.07	PLUMBING RISER DIAGRAM - MILL 1,2,3
P6.08	OVERALL DOMESTIC RISER DIAGRAM - MILL 1,2,3
P6.09	OVERALL DOMESTIC RISER DIAGRAM - MILL 1,2,3
P6.10	PLUMBING RISER DIAGRAM - MILL 1,2,3
P7.01	SCHEDULES - PLUMBING

GENERAL DEMOLITION NOTES (APPLY TO WORK PROVIDED UNDER DIV. 20):

1. DEMOLITION WORK IS GENERALLY INDICATED AS PART OF THESE NOTES AND THE NOTES INDICATED ON THE ARCHITECTURAL DEMOLITION PLANS.
2. VERIFY THAT EXISTING PIPING, EQUIPMENT, ETC. THAT IS CALLED FOR REMOVAL IS NO LONGER IN SERVICE BEFORE BEGINNING DEMOLITION.
3. THE DEMOLITION NOTES INDICATE THE MAIN COMPONENTS OF SYSTEMS AND EQUIPMENT THAT SHALL BE REMOVED UNDER THIS CONTRACT. IF SYSTEMS AND EQUIPMENT ARE FOUND DURING CONSTRUCTION THAT THE OWNER AUTHORIZES FOR REMOVAL BUT HAVE NOT BEEN SPECIFICALLY CALLED FOR DEMOLITION, REMOVE THE SYSTEMS AND EQUIPMENT.
4. WHEN THE WORK SPECIFIED HEREUNDER CONNECTS TO ANY EXISTING EQUIPMENT, PIPING, ETC., PERFORM NECESSARY ALTERATIONS, CUTTING, FITTING, ETC. OF THE EXISTING WORK AS MAY BE NECESSARY OR REQUIRED TO MAKE SATISFACTORY CONNECTIONS BETWEEN THE NEW AND EXISTING WORK AND LEAVE THE COMPLETE WORK IN A FINISHED AND WORKMANLIKE CONDITION.
5. WHEN THE WORK SPECIFIED UNDER OTHER DIVISIONS NECESSITATES RELOCATION OF EXISTING EQUIPMENT, PIPING, ETC. PERFORM WORK AND MAKE NECESSARY CHANGES TO EXISTING WORK AS MAY BE REQUIRED TO LEAVE THE COMPLETED WORK IN A FINISHED AND WORKMANLIKE CONDITION.
6. REMOVE FROM THE PREMISES AND DISPOSE OF EXISTING PIPING, MATERIAL, FIXTURES, EQUIPMENT, ETC. NOT REQUIRED FOR RE- USE OR RE-INSTALLATION.
7. DELIVER ON THE PREMISES WHERE DIRECTED EXISTING MATERIAL AND EQUIPMENT WHICH IS REMOVED AND IS DESIRED BY THE OWNER OR IS INDICATED TO REMAIN THE PROPERTY OF THE OWNER.
8. OTHER MATERIALS AND EQUIPMENT WHICH ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES.
9. PIPING ABANDONED IN CONCRETE SLABS, WALLS, OR OTHER INACCESSIBLE LOCATIONS SHALL BE LEFT EMPTY.

SPECIFIC NOTES - PLUMBING - MASTER LIST

SPECIFIC NOTE VALUE	SPECIFIC NOTE TEXT
P1	SAN TO 5'-0" BEYOND BUILDING. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P2	SW TO 5'-0" BEYOND BUILDING. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P3	CONNECT CONDENSATE DRAIN TO FCU.
P4	DISCHARGE CONDENSATE DRAIN AFG TO SPLASH BLOCK. COORDINATE FINAL LOCATION WITH ARCHITECT.
P5	PROPOSED BOILER BUILDING GAS METER LOCATION. GAS METER AND REGULATOR INSTALLED BY UTILITY COMPANY (UGI). AVAILABLE GAS PRESSURE IN MARSHAL ST. IS LOW PRESSURE (7-IN.W.C.). COORDINATE GAS SERVICE WITH UGI AND CIVIL. RESTAURANT GAS LOAD GUESSTIMATE IS 1,200 CFH.
P6	WALL HYDRANT TO PENETRATE EXTERIOR WALL AT 24" AFG. COORDINATE FINAL LOCATION WITH ARCHITECT.
P7	45-DEG. ELBOW DOWN TO INVERT LEAVING THE BUILDING.
P8	ADD ALTERNATE BID PRICE FOR BOOSTER PUMP, ASSOCAITED COMPONENTS AND PIPING FROM SUPPLY VALVE AND RETURN VALVE.
P9	UP TO CLEANOUT.
P10	EXTEND FIRE LINE TO FIRE DEPARTMENT CONNECTION.
P11	EXTEND FIRE LINE TO FIRE PUMP TEST HEADER.
P12	ADJUSTABLE VERTICAL WATER CLOSET CARRIER WITH 4" SIDE INLET CONNECTION.
P13	ADJUSTABLE HORIZONTAL WATER CLOSET CARRIER.
P14	ADJUSTABLE VERTICAL WATER CLOSET CARRIER.
P15	REFER TO ARCHITECTURAL ELEVATIONS FOR MISSING STORM WATER DOWNSPOUT. 6" CAST-IRON DOWNSPOUT BOOT/PIPE SIMILAR TO EXISTING BOOTS.
P16	2" CONDENSATE DRAINPIPE DOWN UNDER RAMP. RUN TO 5'-0" BEYOND BUILDING TO CONNECT TO SW. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P17	STORM WATER UP TO ROOF DRAIN.
P18	SECONDARY STORM WATER UP TO OVERFLOW DRAIN.
P19	CONDENSATE DRAINPIPE CONNECT TO DOWNSPOUT.
P20	AUTOMATIC METER READING SYSTEM, DATA COLLECTION UNIT (DCU) MOUNTED ON WALL.
P21	4"G VALVED AND CAPPED FOR FUTURE EXTENSION TO GAS EQUIPPMENT.
P22	CAP GREASE LADEN PIPING BELOW FLOOR FOR FUTURE CONNECTION.
P23	CAP SANITARY PIPING BELOW FLOOR FOR FUTURE CONNECTION.
P24	CAP VENT PIPING CONNTECTION FOR FUTURE CONNECTION.
P25	APARTMENT WATER HEATER SHOWN IN THIS LOCATION FOR GRAPHICAL CLARITY. WATER HEATER SHALL BE MOUNTED ON THE PLATFORM NEXT TO THE CORRIDOR WALL.
P26	APARTMENT WATER PIPES SHOWN IN THIS LOCATION FOR GRAPHICAL CLARITY. WATER PIPES SHALL BE LOCATED IN THE CORRIDOR WALL.
P28	COMMERCIAL SUB-METER AND RF TRANSMITTER.
P29	CAP COLD WATER PIPING FOR FUTURE CONNECTION.
P30	GREASE-LADEN SAN TO 5'0" BEYOND BUILDING TO GREASE INTERCEPTOR. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P31	PROPOSED LOCATION OF FIRE PROTECTION STANDPIPE WITH FHV. SHOWN FOR REFERENCE ONLY. ACTUAL LOCATION, DESIGN, AND INSTALLATION BY DIVISION 21 AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.
P32	PROPOSED LOCATION OF FIRE PROTECTION STANDPIPE/SPRINKLER RISER, WITH FHV, ZONE CONTROL VALVES, TAMPER/FLOW SWITCHES AND 2" EXPRESS DRAIN - SHOWN FOR REFERENCE ONLY. DISCHARGE EXPRESS DRAIN THROUGH WALL APPROX. 0'-6" ABOVE FINAL GRADE AND TERMINATE WITH TURNED DOWN ELBOW. ACTUAL LOCATION, DESIGN, AND INSTALLATION BY DIVISION 21 AND APPROVED BY THE AUTHORITY HAVING JURISDICTION. WHEN THE LOCATION OF ZONE CONTROL VALVES HAS BEEN FINALIZED, COORDINATION BETWEEN DIVISION 21 AND DIVISION 28 SHALL BE MADE TO INTEGRATE TAMPER AND FLOW SWITCHES INTO THE FIRE ALARM SYSTEM.
P33	PROPOSED LOCATION OF FIRE PROTECTION STANDPIPE RISER WITH 2-1/2" FHV INSIDE RECESSED VALVE CABINET.
P36	SUBMERSIBLE EFFLUENT PUMP IN ELEVATOR PIT WITH CONTROL PANEL IN BASEMENT WATER ROOM. SEE DETAIL ON DETAIL SHEETS FOR MORE INFORMATION. COORDINATE SUMP LOCATION WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
P37	ELEVATOR PUMP DISCHARGE 12" A.F.G. INTO 4" OPEN SITE DRAIN.
P38	SECONDARY STORM WATER (SSWL) PENETRATE EXTERIOR WALL 18" A.F.G. PROVIDE DOWNSPOUT NOZZLE AT TERMINATION ON EXTERIOR WALL. SPILL TO SPLASHBLOCK.
P39	SEE WATER HEATER SCHEDULE AND DETAILS FOR MORE INFORMATION AND PIPING ARRANGMENT AT WATER HEATERS.
P40	4"SAN DN BEL FL, 2"V UP ABOVE CEILING. COORDINATE ROUTING WITH OTHER TRADES.
P41	2"SAN DN BEL FL, 2"V UP ABOVE CEILING. COORDINATE ROUTING WITH OTHER TRADES.
P42	1-1/2"SAN DN BEL FL, 1-1/2"V UP ABOVE CEILING. COORDINATE ROUTING WITH OTHER TRADES.
P43	CW & HW DN IN WALL TO FIXTURE. COORDINATE ROUTING WITH OTHER TRADES. SEE FIXTURE ROUGH-IN SCHEDULE FOR RUNOUT SIZES.
P44	CW DN IN WALL TO FIXTURE. COORDINATE ROUTING WITH OTHER TRADES. SEE FIXTURE ROUGH-IN SCHEDULE FOR RUNOUT SIZES.
P45	CW & HW DN IN WALL, BRANCH TO FIXTURES AS REQUIRED. SEE FIXTURE ROUGH-IN SCHEDULE TO FOR RUNOUT SIZES.
P46	CIRCUIT SETTER PLUS CALIBRATED BALANCE VALVE SET TO 0.5 GPM. PROVIDE FIRE RATED ACCESS PANEL FOR INSTALLATIONS BEHIND GYP BOARD CEILINGS/WALLS FOR ACCESS TO VALVE.
P47	SANITARY DRAIN UP TO TOILET ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.
P48	SANITARY DRAIN UP TO SHOWER/BATHTUB ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES.
P49	SANITARY DRAIN UP TO LAVATORY ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.
P50	SANITARY DRAIN UP TO SINK ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.
P51	SANITARY DRAIN UP TO WALL CLEANOUT. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.
P52	SANITARY DRAIN UP TO FLOOR DRAIN. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

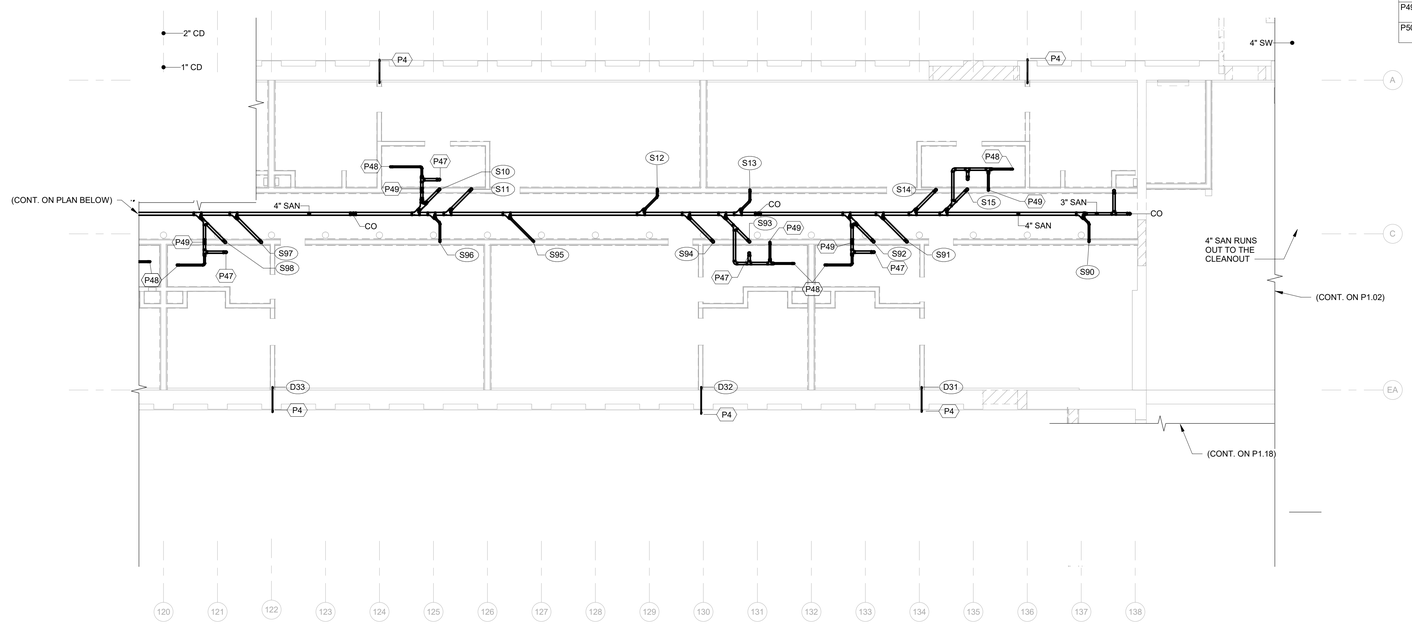
SHEET TITLE
SYMBOLS, NOTES & ABBREVIATIONS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	AJB/LDR	RTN

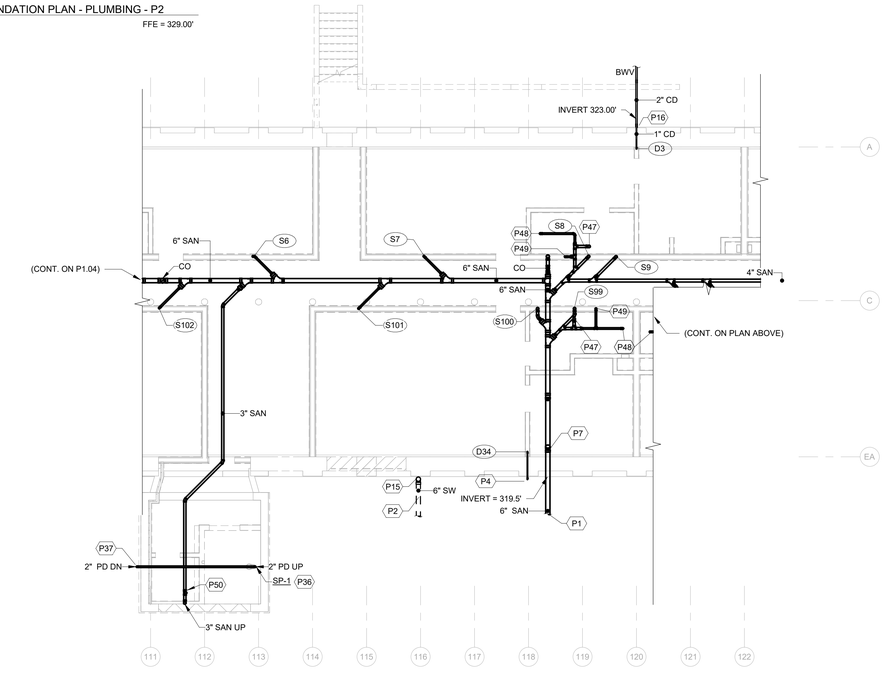
P0.00

10/29/2020 7:06:15 PM C:\Users\vdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_vdineshU4NQE.rvt

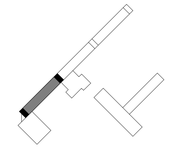
SPECIFIC NOTES - PLUMBING NEW	
P1	SAN TO 5'-0" BEYOND BUILDING. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P2	SW TO 5'-0" BEYOND BUILDING. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P4	DISCHARGE CONDENSATE DRAIN AFG TO SPLASH BLOCK. COORDINATE FINAL LOCATION WITH ARCHITECT.
P7	45-DEG. ELBOW DOWN TO INVERT LEAVING THE BUILDING.
P15	REFER TO ARCHITECTURAL ELEVATIONS FOR MISSING STORM WATER DOWNSPOUT. 6" CAST-IRON DOWNSPOUT BOOT/PIPE SIMILAR TO EXISTING BOOTS.
P16	2" CONDENSATE DRAIN/PIPE DOWN UNDER RAMP. RUN TO 5'-0" BEYOND BUILDING TO CONNECT TO SW. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P36	SUBMERSIBLE EFFLUENT PUMP IN ELEVATOR PIT WITH CONTROL PANEL IN BASEMENT WATER ROOM. SEE DETAIL ON DETAIL SHEETS FOR MORE INFORMATION. COORDINATE SUMP LOCATION WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
P37	ELEVATOR PUMP DISCHARGE 12" A.F.G. INTO 4" OPEN SITE DRAIN.
P47	SANITARY DRAIN UP TO TOILET ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.
P48	SANITARY DRAIN UP TO SHOWER/BATHTUB ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES.
P49	SANITARY DRAIN UP TO LAVATORY ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.
P50	SANITARY DRAIN UP TO SINK ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.



2 MILL 1 FOUNDATION PLAN - PLUMBING - P2
1/8" = 1'-0"
FFE = 329.00'



1 MILL 1 FOUNDATION PLAN - PLUMBING - P1
1/8" = 1'-0"
FFE = 329.00'



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

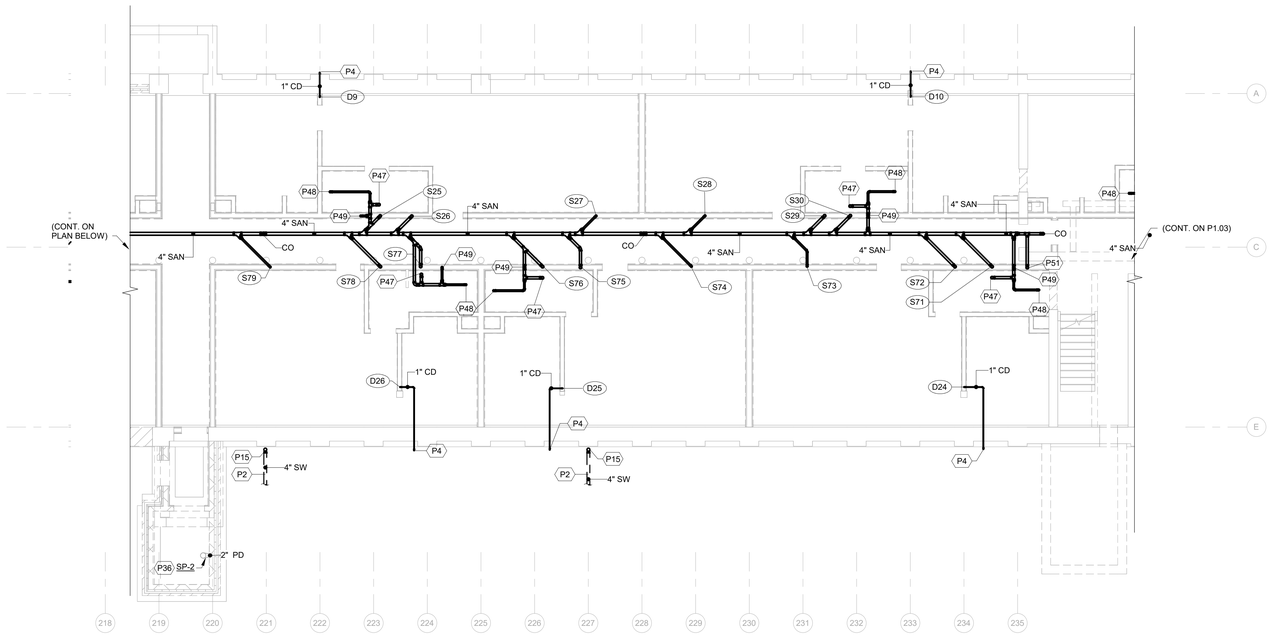
SHEET TITLE
FOUNDATION FLOOR PLAN, MILL 1 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

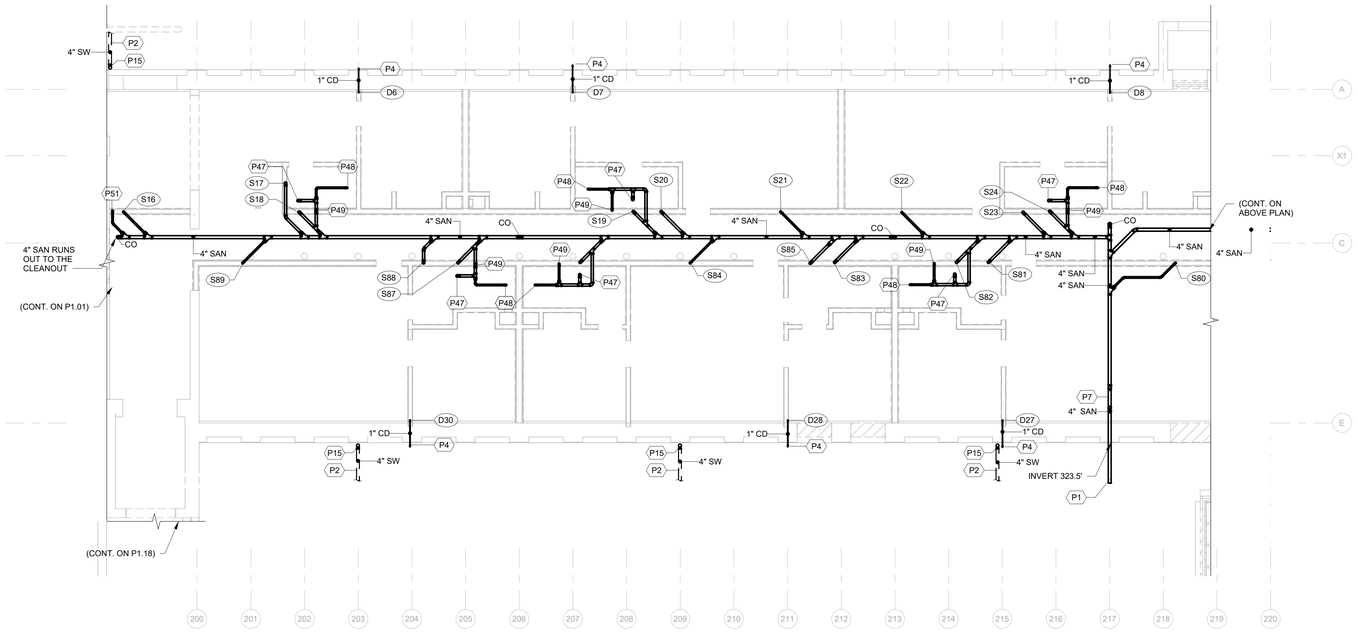
P1.01

10/29/2020 7:06:21 PM C:\Users\rdineah\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdineahHANDE.rvt

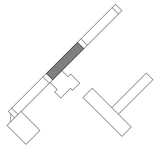
SPECIFIC NOTES - PLUMBING NEW	
P1	SAN TO 5'-0" BEYOND BUILDING. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P2	SW TO 5'-0" BEYOND BUILDING. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P4	DISCHARGE CONDENSATE DRAIN AFG TO SPLASH BLOCK. COORDINATE FINAL LOCATION WITH ARCHITECT.
P7	45-DEG. ELBOW DOWN TO INVERT LEAVING THE BUILDING.
P15	REFER TO ARCHITECTURAL ELEVATIONS FOR MISSING STORM WATER DOWNSPOUT. 6" CAST-IRON DOWNSPOUT BOOT/PIPE SIMILAR TO EXISTING BOOTS.
P36	SUBMERSIBLE EFFLUENT PUMP IN ELEVATOR PIT WITH CONTROL PANEL IN BASEMENT WATER ROOM. SEE DETAIL ON DETAIL SHEETS FOR MORE INFORMATION. COORDINATE SUMP LOCATION WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
P47	SANITARY DRAIN UP TO TOILET ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.
P48	SANITARY DRAIN UP TO SHOWER/BATHTUB ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES.
P49	SANITARY DRAIN UP TO LAVATORY ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.
P51	SANITARY DRAIN UP TO WALL CLEANOUT. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.



2 MILL 2 FOUNDATION PLAN - PLUMBING - P2
1/8" = 1'-0"
FFE = 329.00'



1 MILL 2 FOUNDATION PLAN - PLUMBING - P1
1/8" = 1'-0"
FFE = 329.00'



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

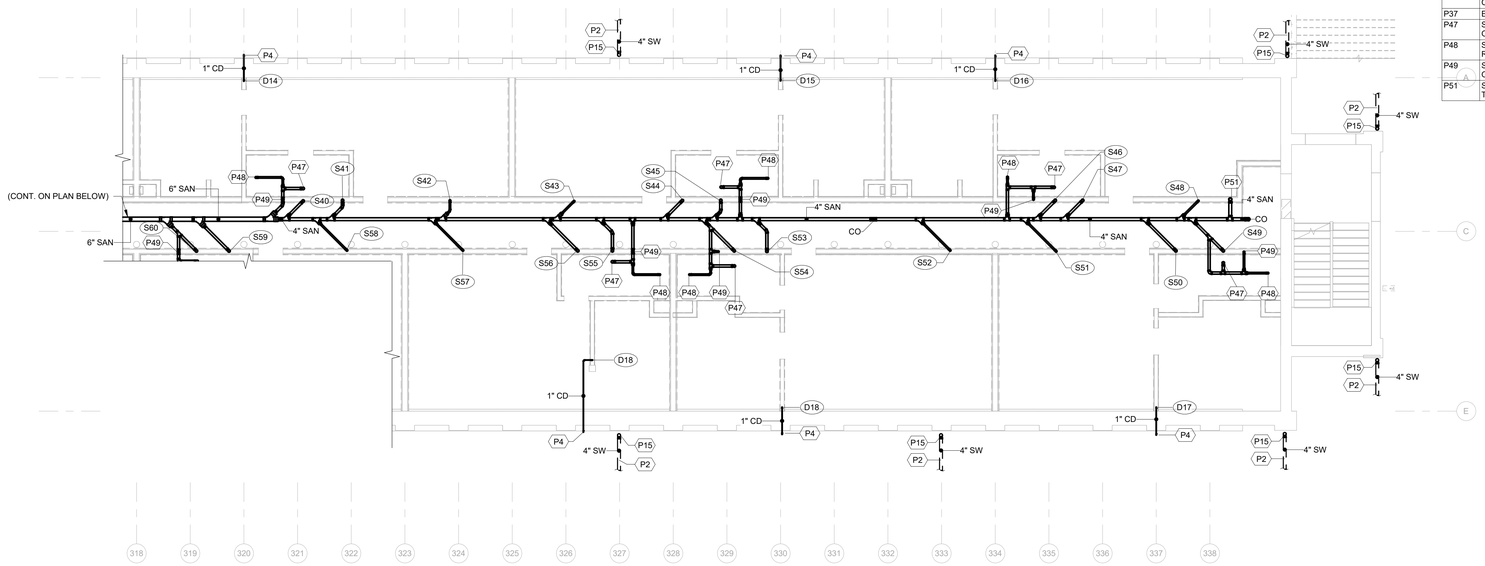
SHEET TITLE
FOUNDATION FLOOR PLAN, MILL 2 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

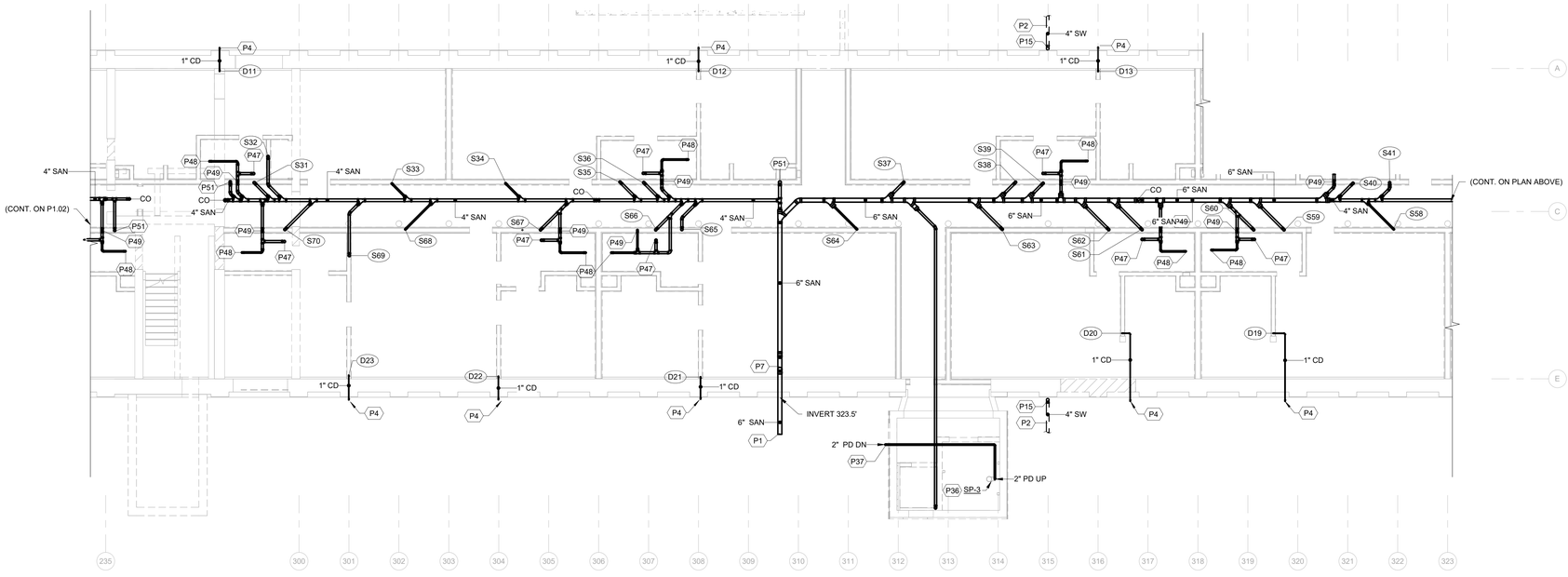
P1.02

10/29/2020 7:06:27 PM C:\Users\rdineah\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdineah4ANQE.rvt

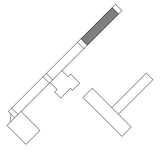
SPECIFIC NOTES - PLUMBING NEW	
P1	SAN TO 5'-0" BEYOND BUILDING. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P2	SW TO 5'-0" BEYOND BUILDING. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P4	DISCHARGE CONDENSATE DRAIN AFG TO SPLASH BLOCK. COORDINATE FINAL LOCATION WITH ARCHITECT.
P7	45-DEG. ELBOW DOWN TO INVERT LEAVING THE BUILDING.
P15	REFER TO ARCHITECTURAL ELEVATIONS FOR MISSING STORM WATER DOWNSPOUT. 6" CAST-IRON DOWNSPOUT BOOT/PIPE SIMILAR TO EXISTING BOOTS.
P36	SUBMERSIBLE EFFLUENT PUMP IN ELEVATOR PIT WITH CONTROL PANEL IN BASEMENT WATER ROOM. SEE DETAIL ON DETAIL SHEETS FOR MORE INFORMATION. COORDINATE SUMP LOCATION WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
P37	ELEVATOR PUMP DISCHARGE 12" A.F.G. INTO 4" OPEN SITE DRAIN.
P47	SANITARY DRAIN UP TO TOILET ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.
P48	SANITARY DRAIN UP TO SHOWER/BATHTUB ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES.
P49	SANITARY DRAIN UP TO LAVATORY ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.
P51	SANITARY DRAIN UP TO WALL CLEANOUT. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.



2 MILL 3 FOUNDATION PLAN - PLUMBING - P2
1/8" = 1'-0"
FFE = 329.00'



1 MILL 3 FOUNDATION PLAN - PLUMBING - P1
1/8" = 1'-0"
FFE = 329.00'



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

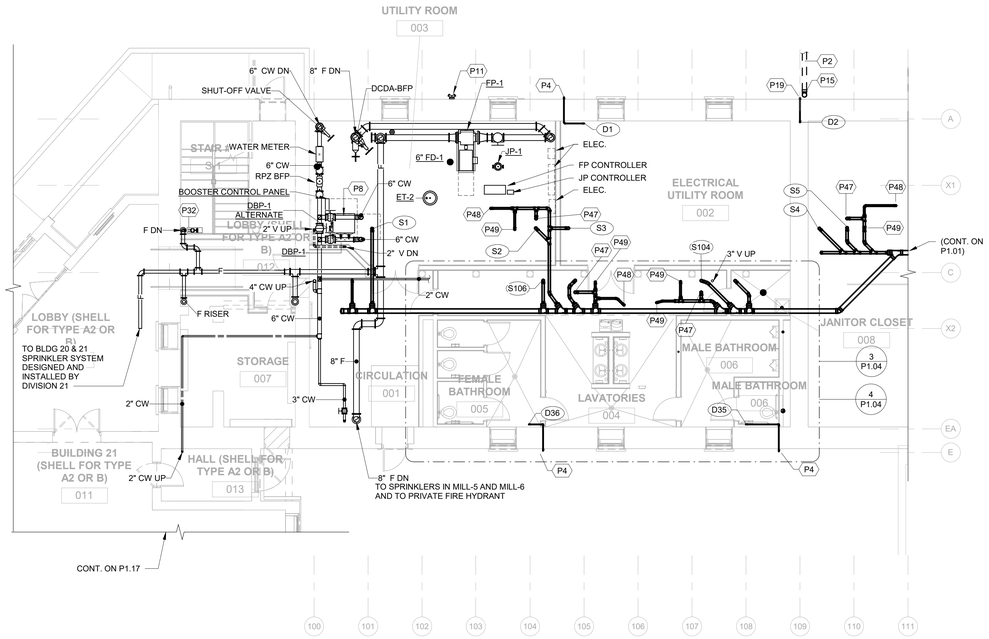
SHEET TITLE
FOUNDATION FLOOR PLAN, MILL 3 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

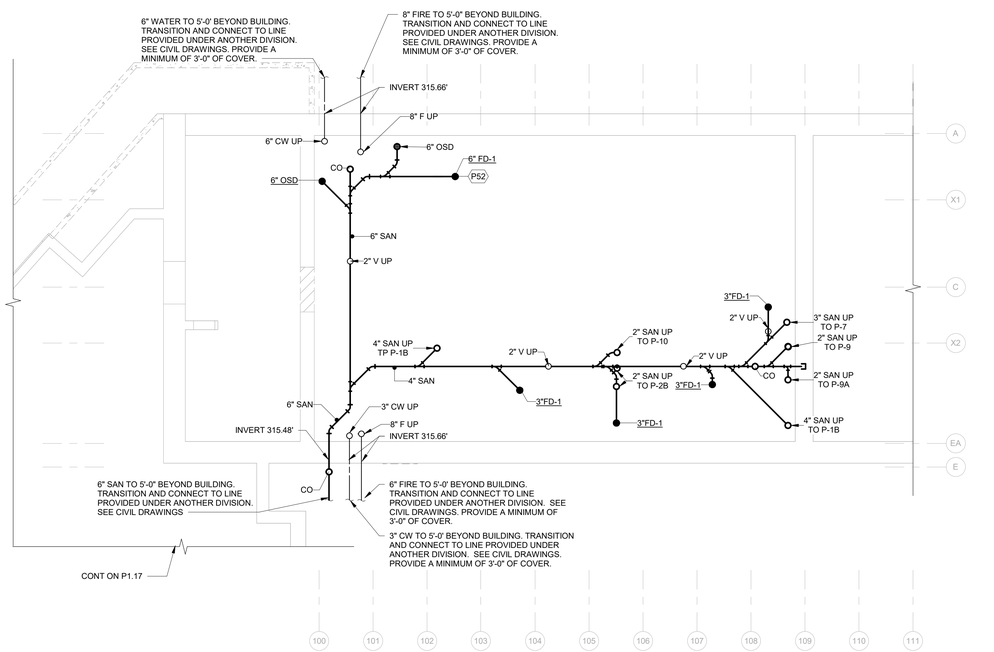
P1.03

10/29/2020 7:06:34 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdinesh\JANDE.rvt

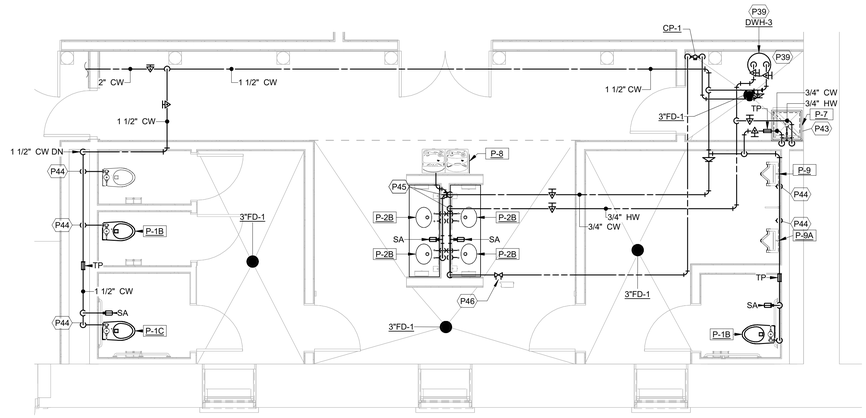
SPECIFIC NOTES - PLUMBING NEW	
P2	SW TO 5'-0" BEYOND BUILDING. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P4	DISCHARGE CONDENSATE DRAIN AFG TO SPLASH BLOCK. COORDINATE FINAL LOCATION WITH ARCHITECT.
P8	ADD ALTERNATE BID PRICE FOR BOOSTER PUMP, ASSOCAITED COMPONENTS AND PIPING FROM SUPPLY VALVE AND RETURN VALVE.
P11	EXTEND FIRE LINE TO FIRE PUMP TEST HEADER.
P12	ADJUSTABLE VERTICAL WATER CLOSET CARRIER WITH 4" SIDE INLET CONNECTION.
P13	ADJUSTABLE HORIZONTAL WATER CLOSET CARRIER.
P14	ADJUSTABLE VERTICAL WATER CLOSET CARRIER.
P15	REFER TO ARCHITECTURAL ELEVATIONS FOR MISSING STORM WATER DOWNSPOUT. 6" CAST-IRON DOWNSPOUT BOOT/PIPE SIMILAR TO EXISTING BOOTS.
P19	CONDENSATE DRAINPIPE CONNECT TO DOWNSPOUT.
P32	PROPOSED LOCATION OF FIRE PROTECTION STANDPIPE/SPRINKLER RISER, WITH FHV, ZONE CONTROL VALVES, TAMPER/FLOW SWITCHES AND 2" EXPRESS DRAIN - SHOWN FOR REFERENCE ONLY. DISCHARGE EXPRESS DRAIN THROUGH WALL APPROX. 0'-6" ABOVE FINAL GRADE AND TERMINATE WITH TURNED DOWN ELBOW. ACTUAL LOCATION, DESIGN, AND INSTALLATION BY DIVISION 21 AND APPROVED BY THE AUTHORITY HAVING JURISDICTION. WHEN THE LOCATION OF ZONE CONTROL VALVES HAS BEEN FINALIZED, COORDINATION BETWEEN DIVISION 21 AND DIVISION 28 SHALL BE MADE TO INTEGRATE TAMPER AND FLOW SWITCHES INTO THE FIRE ALARM SYSTEM.
P39	SEE WATER HEATER SCHEDULE AND DETAILS FOR MORE INFORMATION AND PIPING ARRANGMENT AT WATER HEATERS.
P40	4"SAN DN BEL FL, 2"V UP ABOVE CEILING. COORDINATE ROUTING WITH OTHER TRADES.
P41	2"SAN DN BEL FL, 2"V UP ABOVE CEILING. COORDINATE ROUTING WITH OTHER TRADES.
P42	1-1/2"SAN DN BEL FL, 1-1/2"V UP ABOVE CEILING. COORDINATE ROUTING WITH OTHER TRADES.
P43	CW & HW DN IN WALL TO FIXTURE. COORDINATE ROUTING WITH OTHER TRADES. SEE FIXTURE ROUGH-IN SCHEDULE FOR RUNOUT SIZES.
P44	CW DN IN WALL TO FIXTURE. COORDINATE ROUTING WITH OTHER TRADES. SEE FIXTURE ROUGH-IN SCHEDULE FOR RUNOUT SIZES.
P45	CW & HW DN IN WALL, BRANCH TO FIXTURES AS REQUIRED. SEE FIXTURE ROUGH-IN SCHEDULE TO FOR RUNOUT SIZES.
P46	CIRCUIT SETTER PLUS CALIBRATED BALANCE VALVE SET TO 0.5 GPM. PROVIDE FIRE RATED ACCESS PANEL FOR INSTALLATIONS BEHIND GYP BOARD CEILINGS/WALLS FOR ACCESS TO VALVE.
P47	SANITARY DRAIN UP TO TOILET ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.
P48	SANITARY DRAIN UP TO SHOWER/BATHTUB ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES.
P49	SANITARY DRAIN UP TO LAVATORY ON FLOOR ABOVE. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.
P52	SANITARY DRAIN UP TO FLOOR DRAIN. COORDINATE ROUTING WITH OTHER TRADES. SEE FLOOR ABOVE FOR CONTINUATION.



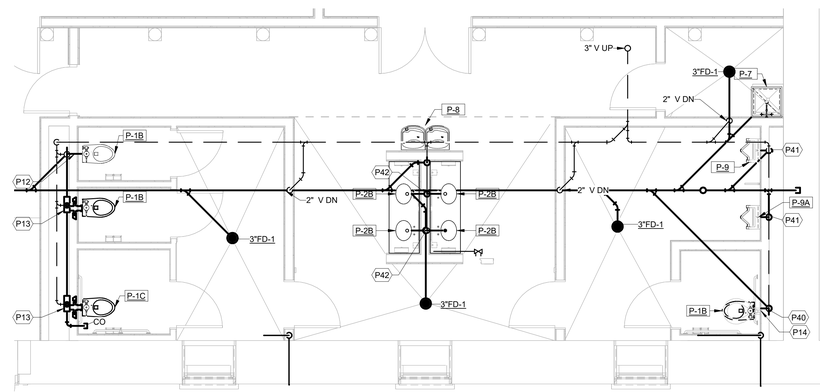
1 MILL 1 BASEMENT PLAN - PLUMBING
1/8" = 1'-0"



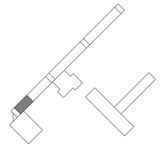
2 MILL 1 BASEMENT FOUNDATION PLAN - PLUMBING
1/8" = 1'-0"



4 ENLARGED BASEMENT BATHROOMS - PLUMBING DOMESTIC WATER
1/4" = 1'-0"



3 ENLARGED BASEMENT BATHROOMS - PLUMBING SANITARY AND VENT
1/4" = 1'-0"



GRAPHIC SCALE: 1/4" = 1'-0"
0 4 8 12 16

GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

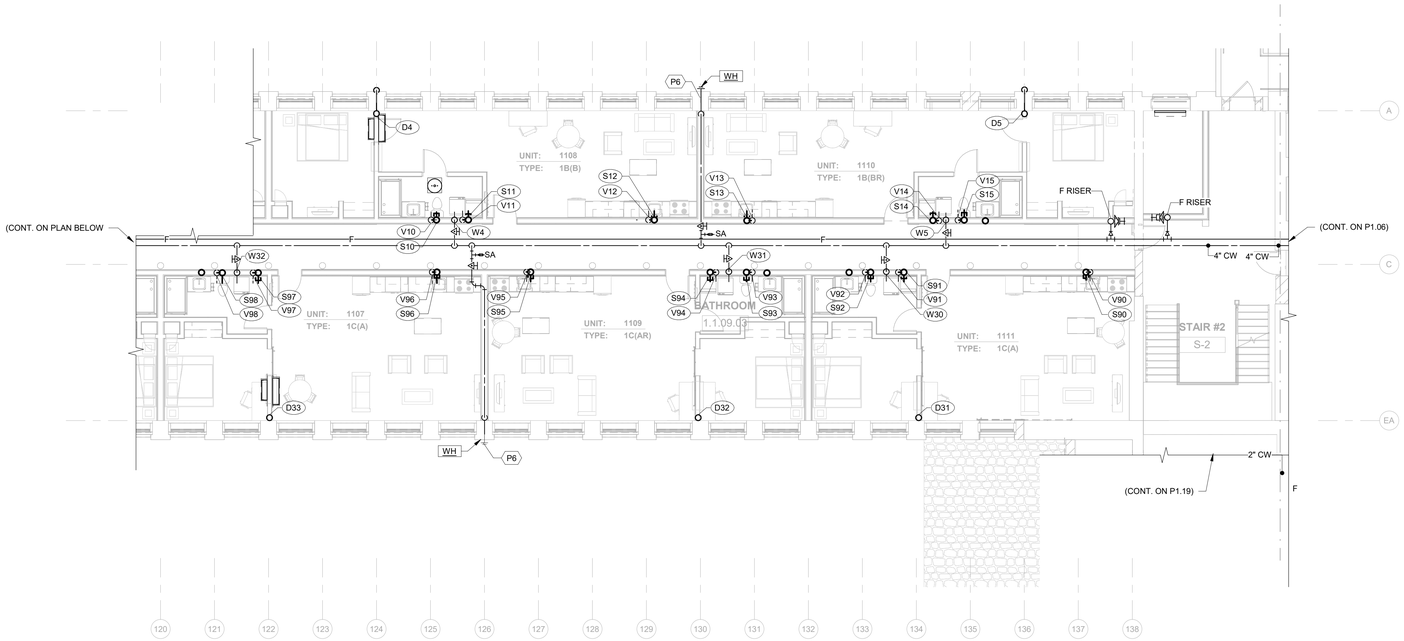
SHEET TITLE
BASEMENT FLOOR PLANS, MILL 1 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

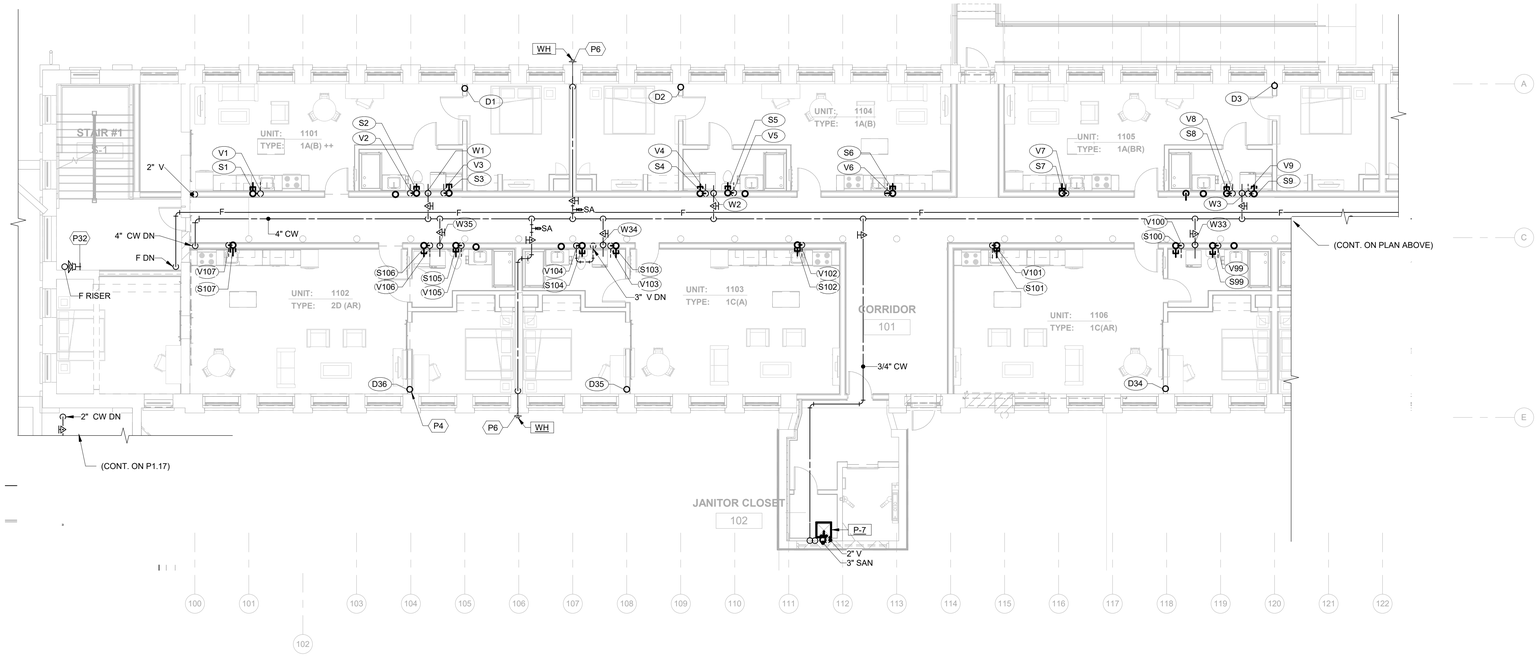
P1.04

10/29/2020 7:09:43 PM C:\Users\drewsh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_vdrewsh4JNQE.rvt

SPECIFIC NOTES - PLUMBING NEW	
P4	DISCHARGE CONDENSATE DRAIN AFG TO SPLASH BLOCK. COORDINATE FINAL LOCATION WITH ARCHITECT.
P6	WALL HYDRANT TO PENETRATE EXTERIOR WALL AT 24" AFG. COORDINATE FINAL LOCATION WITH ARCHITECT.
P32	PROPOSED LOCATION OF FIRE PROTECTION STANDPIPE/SPRINKLER RISER, WITH FHV, ZONE CONTROL VALVES, TAMPER/FLOW SWITCHES AND 2" EXPRESS DRAIN - SHOWN FOR REFERENCE ONLY. DISCHARGE EXPRESS DRAIN THROUGH WALL APPROX. 0'-6" ABOVE FINAL GRADE AND TERMINATE WITH TURNED DOWN ELBOW. ACTUAL LOCATION, DESIGN, AND INSTALLATION BY DIVISION 21 AND APPROVED BY THE AUTHORITY HAVING JURISDICTION. WHEN THE LOCATION OF ZONE CONTROL VALVES HAS BEEN FINALIZED, COORDINATION BETWEEN DIVISION 21 AND DIVISION 28 SHALL BE MADE TO INTEGRATE TAMPER AND FLOW SWITCHES INTO THE FIRE ALARM SYSTEM.



2 MILL 1 FIRST FLOOR PLAN - PLUMBING - P2
1/8" = 1'-0"



1 MILL 1 FIRST FLOOR PLAN - PLUMBING - P1
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

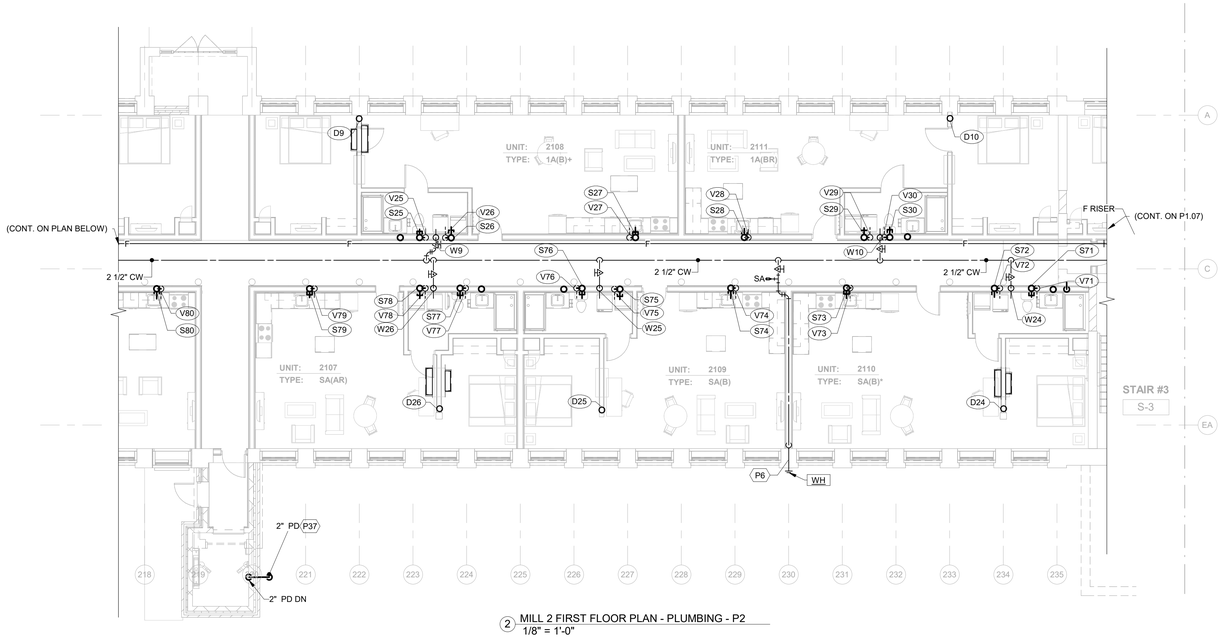
SHEET TITLE
FIRST FLOOR PLAN, MILL 1 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

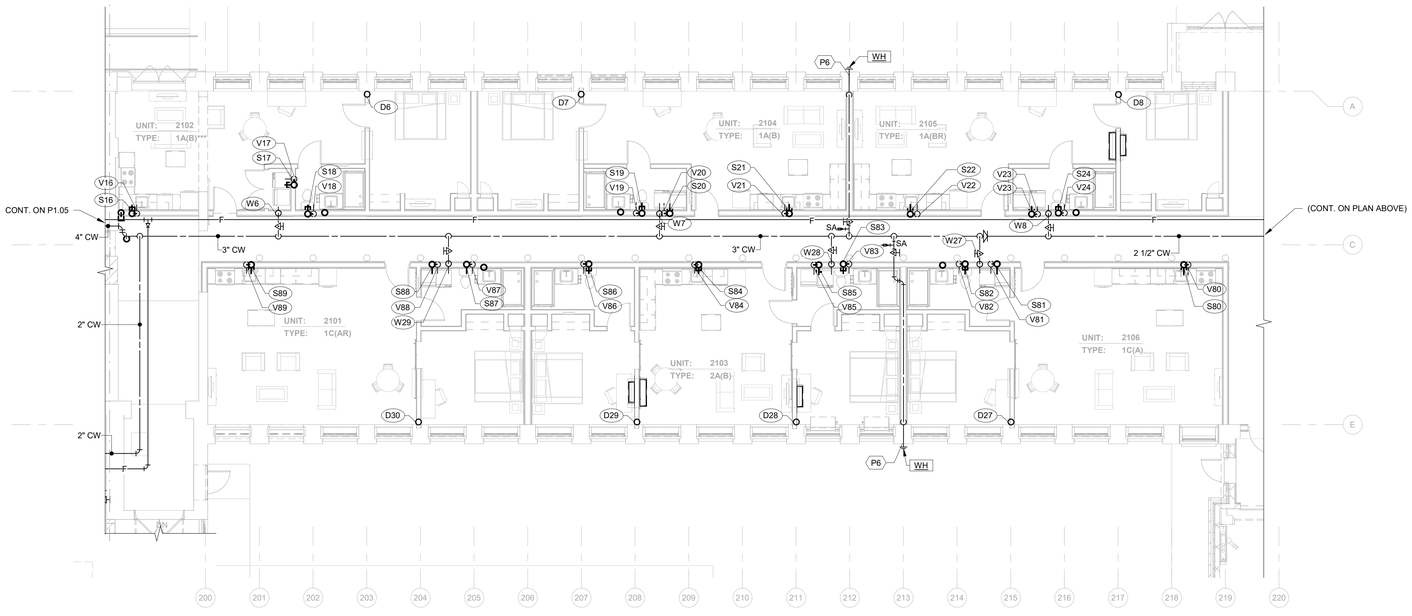
P1.05

10/29/2020 7:06:55 PM C:\Users\rdineah\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdineah4ANQE.rvt

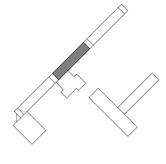
SPECIFIC NOTES - PLUMBING NEW	
P6	WALL HYDRANT TO PENETRATE EXTERIOR WALL AT 24" AFG. COORDINATE FINAL LOCATION WITH ARCHITECT.
P37	ELEVATOR PUMP DISCHARGE 12" A.F.G. INTO 4" OPEN SITE DRAIN.



2 MILL 2 FIRST FLOOR PLAN - PLUMBING - P2
1/8" = 1'-0"



1 MILL 2 FIRST FLOOR PLAN - PLUMBING - P1
1/8" = 1'-0"



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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

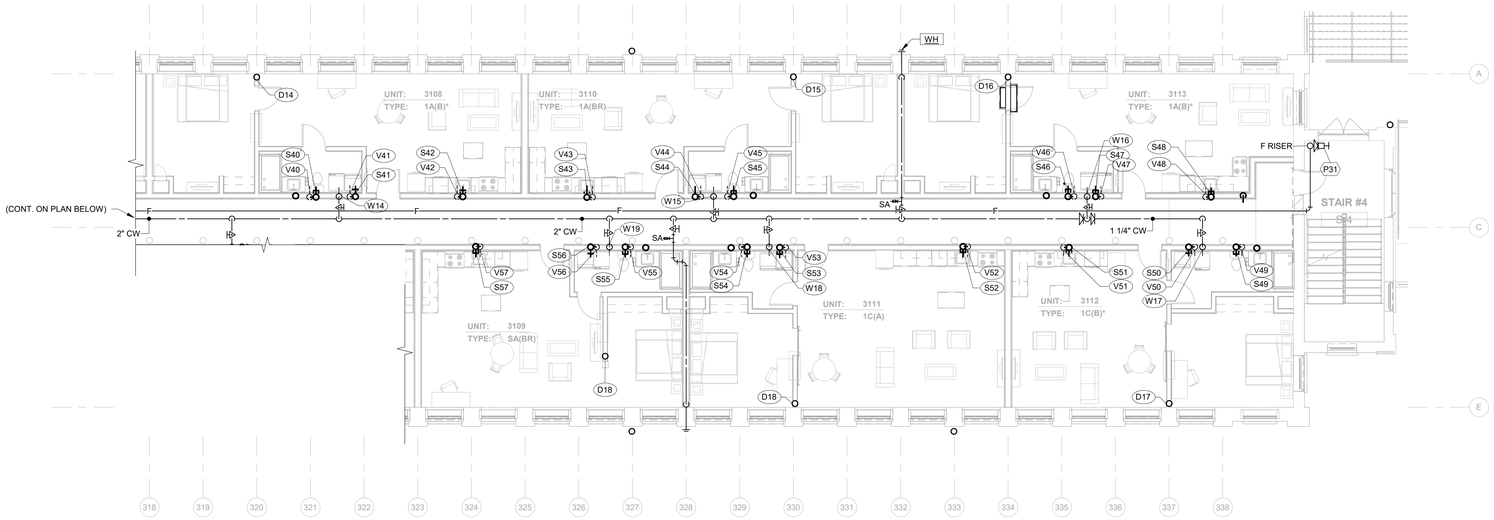
SHEET TITLE
FIRST FLOOR PLAN, MILL 2 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

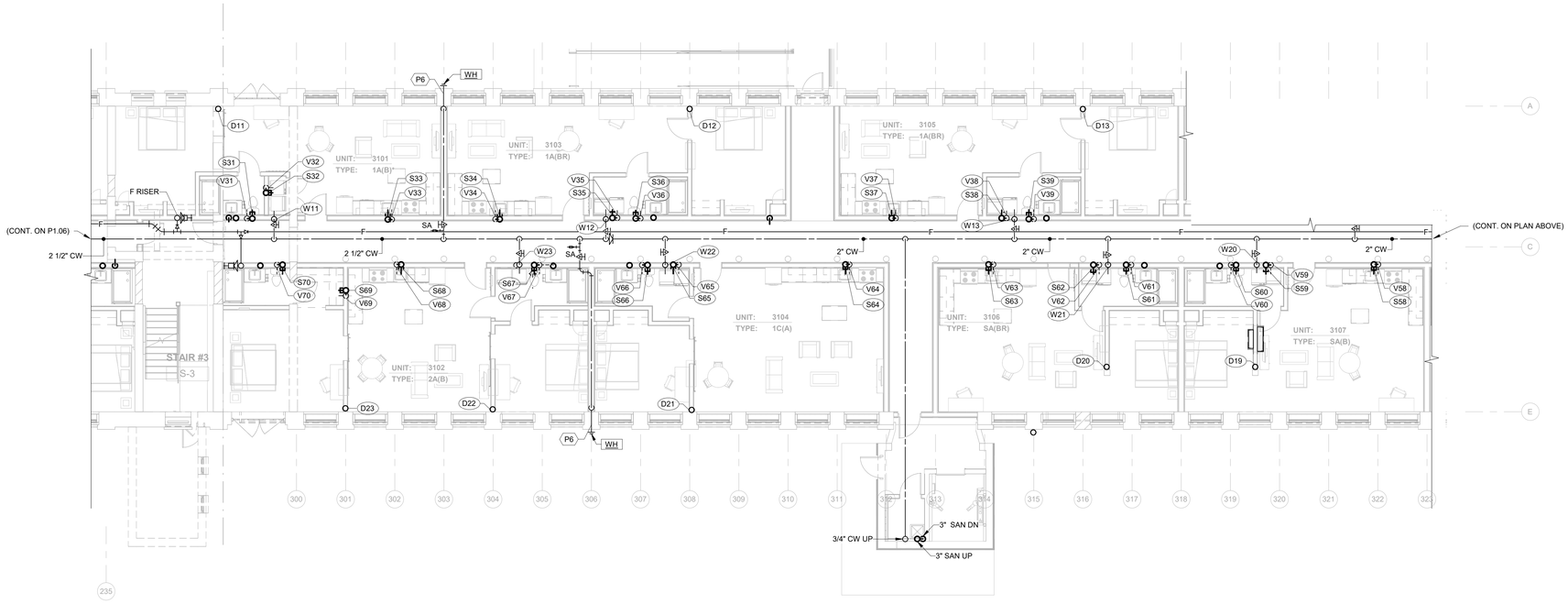
P1.06

10/29/2020 7:07:06 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdinesh\JANOE.rvt

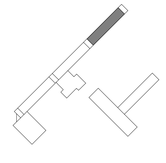
SPECIFIC NOTES - PLUMBING NEW	
P6	WALL HYDRANT TO PENETRATE EXTERIOR WALL AT 24" AFG. COORDINATE FINAL LOCATION WITH ARCHITECT.
P31	PROPOSED LOCATION OF FIRE PROTECTION STANDPIPE WITH FHV. SHOWN FOR REFERENCE ONLY. ACTUAL LOCATION, DESIGN, AND INSTALLATION BY DIVISION 21 AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.



2 MILL 3 FIRST FLOOR PLAN - PLUMBING - P2
1/8" = 1'-0"



1 MILL 3 FIRST FLOOR PLAN - PLUMBING - P1
1/8" = 1'-0"



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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

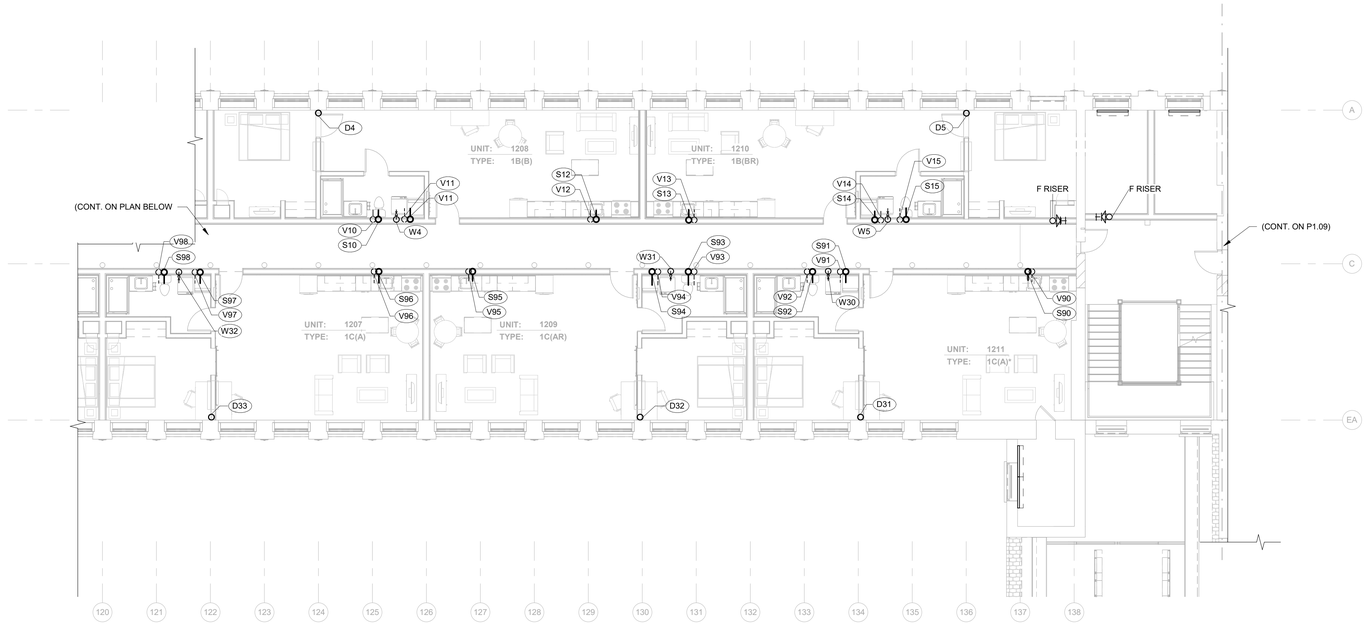
SHEET TITLE
FIRST FLOOR PLAN, MILL 3 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

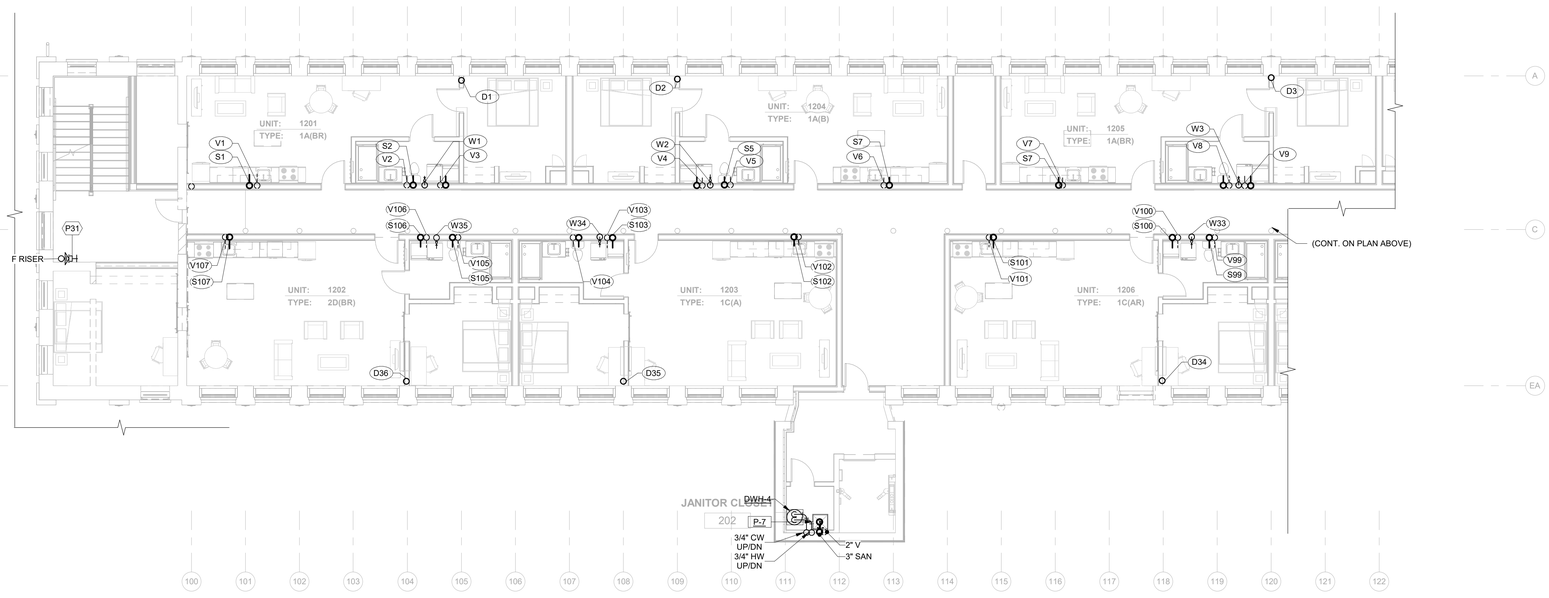
P1.07

10/29/2020 7:07:17 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdinesh\HANDE.rvt

SPECIFIC NOTES - PLUMBING NEW	
P31	PROPOSED LOCATION OF FIRE PROTECTION STANDPIPE WITH FHV. SHOWN FOR REFERENCE ONLY. ACTUAL LOCATION, DESIGN, AND INSTALLATION BY DIVISION 21 AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.



2 MILL 1 SECOND FLOOR PLAN - PLUMBING - P2
1/8" = 1'-0"



1 MILL 1 SECOND FLOOR PLAN - PLUMBING - P1
1/8" = 1'-0"

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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
SECOND FLOOR PLAN, MILL 1 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

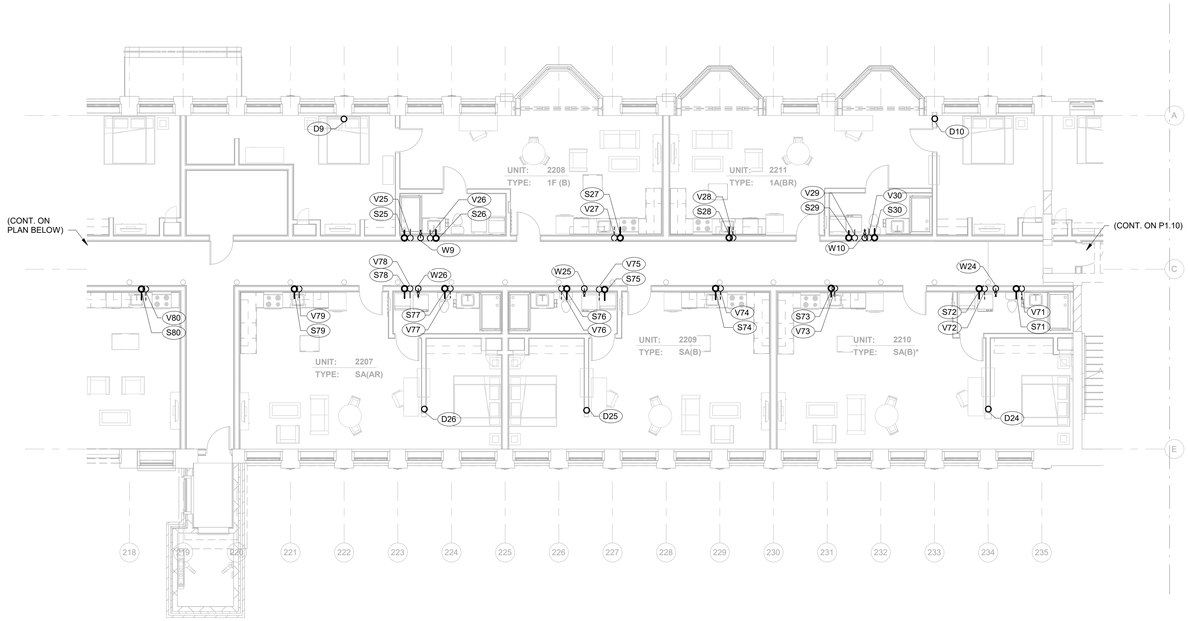
P1.08

10/29/2020 7:07:27 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_vdinesh\JANOE.rvt

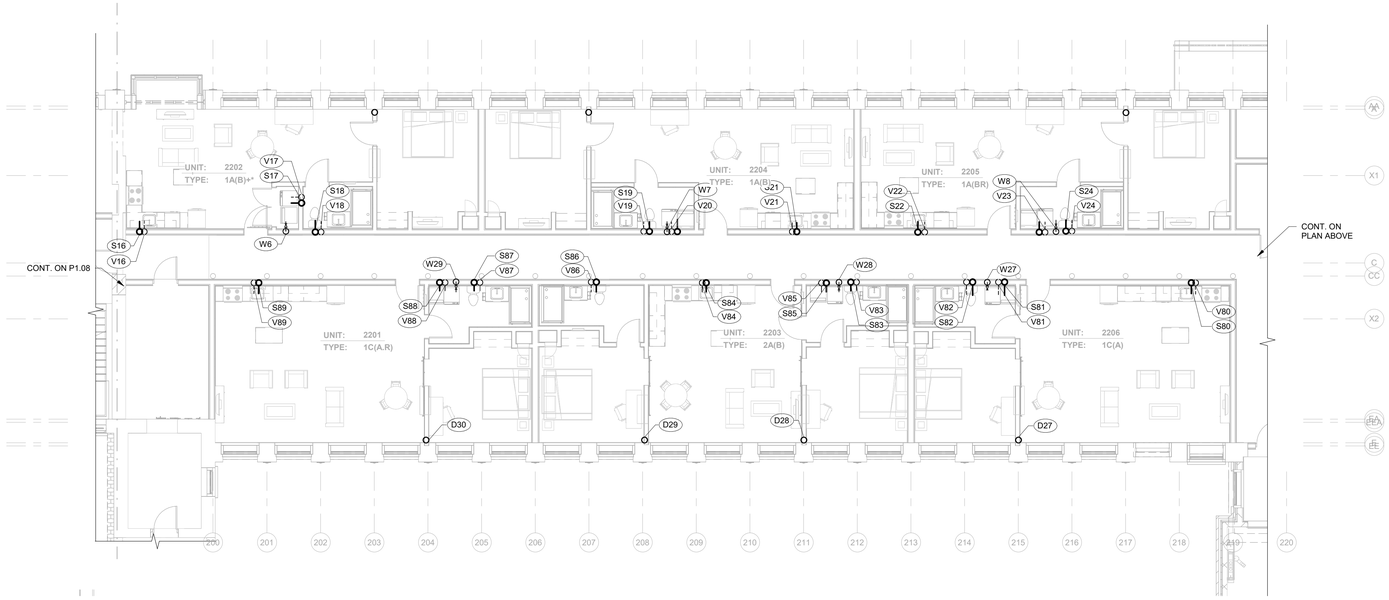
SPECIFIC NOTES - PLUMBING NEW

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

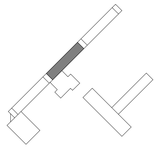
STAMP



2 MILL 2 SECOND FLOOR PLAN - PLUMBING - P2
1/8" = 1'-0"



1 MILL 2 SECOND FLOOR PLAN - PLUMBING - P1
1/8" = 1'-0"



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

0 8 16 24 32

CENTURY ENGINEERING

CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

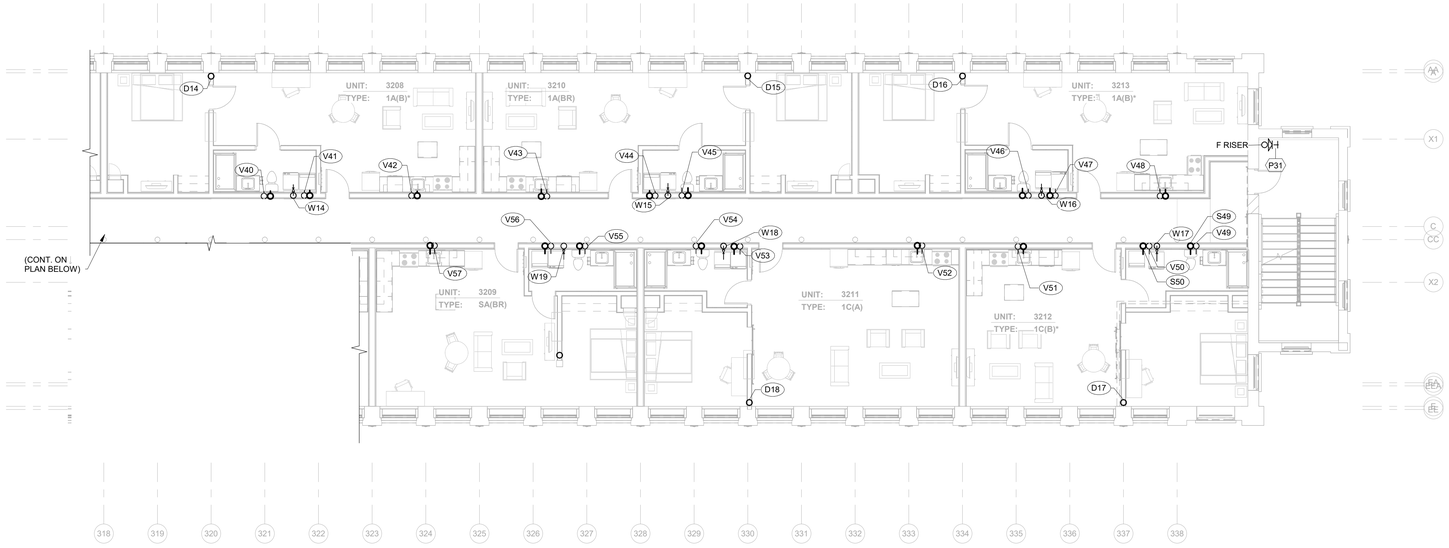
SHEET TITLE
SECOND FLOOR PLAN, MILL 2 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

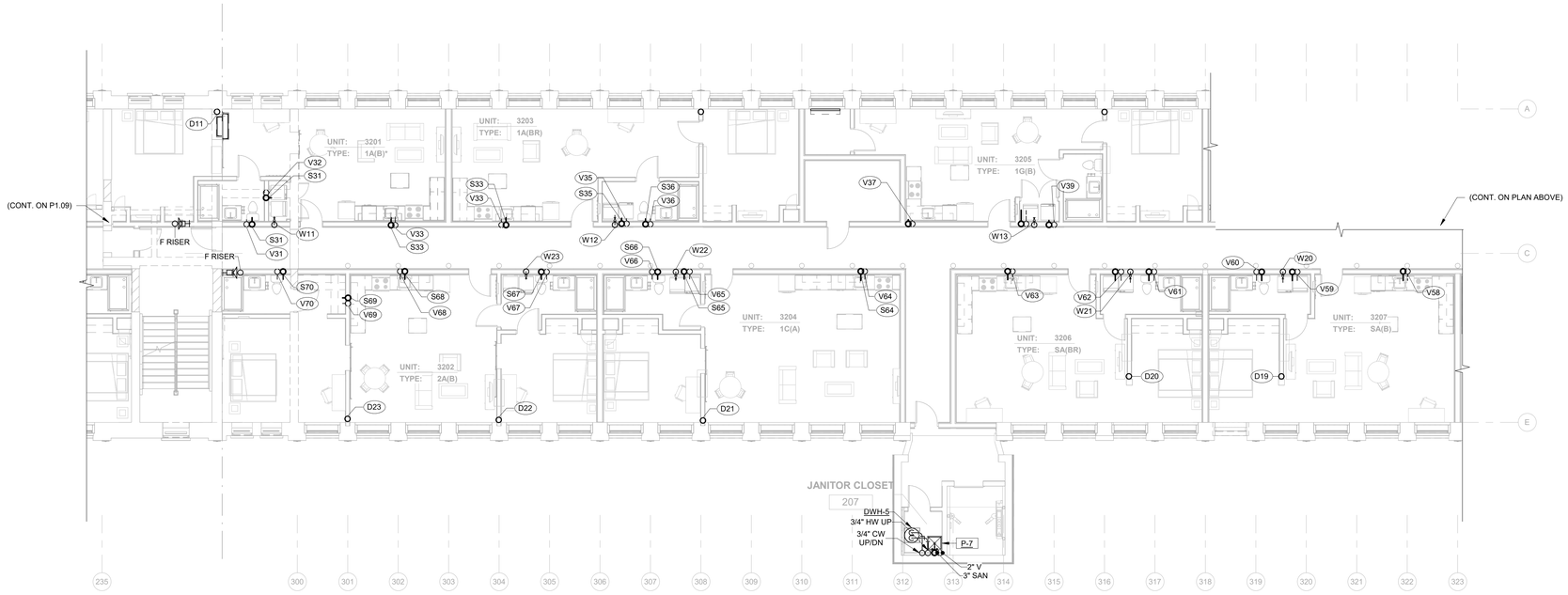
P1.09

10/29/2020 7:07:37 PM C:\Users\rdineah\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdineah4ANQE.rvt

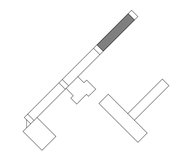
SPECIFIC NOTES - PLUMBING NEW	
P31	PROPOSED LOCATION OF FIRE PROTECTION STANDPIPE WITH FHV. SHOWN FOR REFERENCE ONLY. ACTUAL LOCATION, DESIGN, AND INSTALLATION BY DIVISION 21 AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.



2 MILL 3 SECOND FLOOR PLAN - PLUMBING - P2
1/8" = 1'-0"



1 MILL 3 SECOND FLOOR PLAN - PLUMBING - P1
1/8" = 1'-0"



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

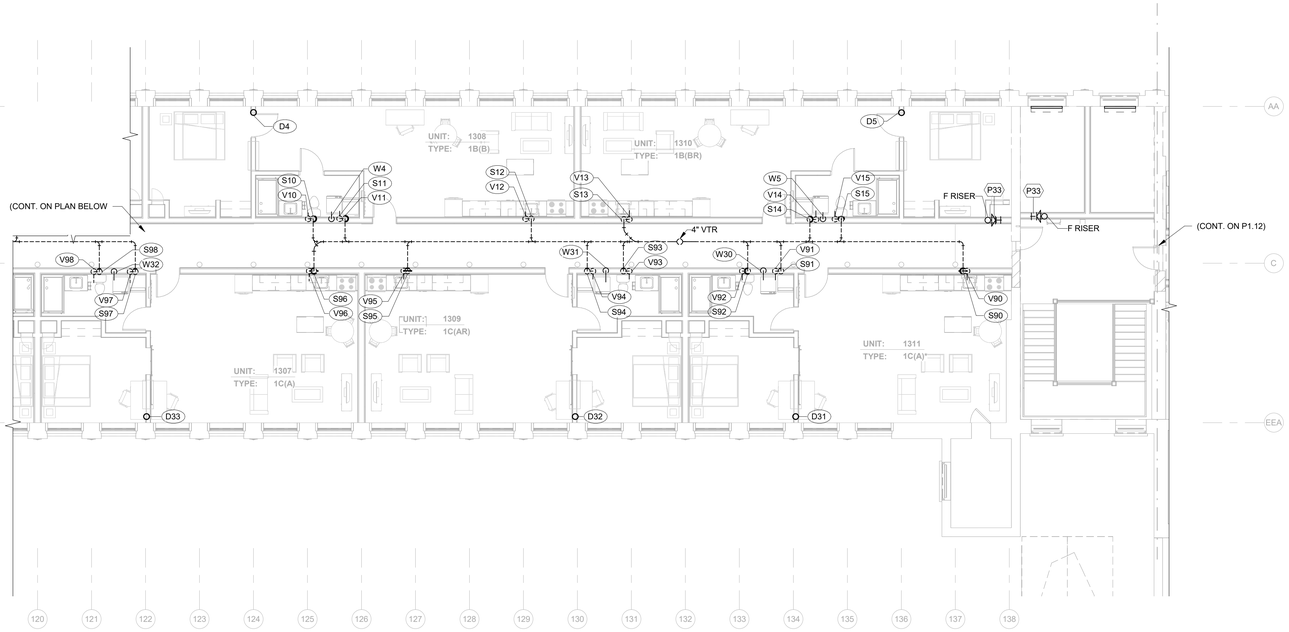
SHEET TITLE
SECOND FLOOR PLAN, MILL 3 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

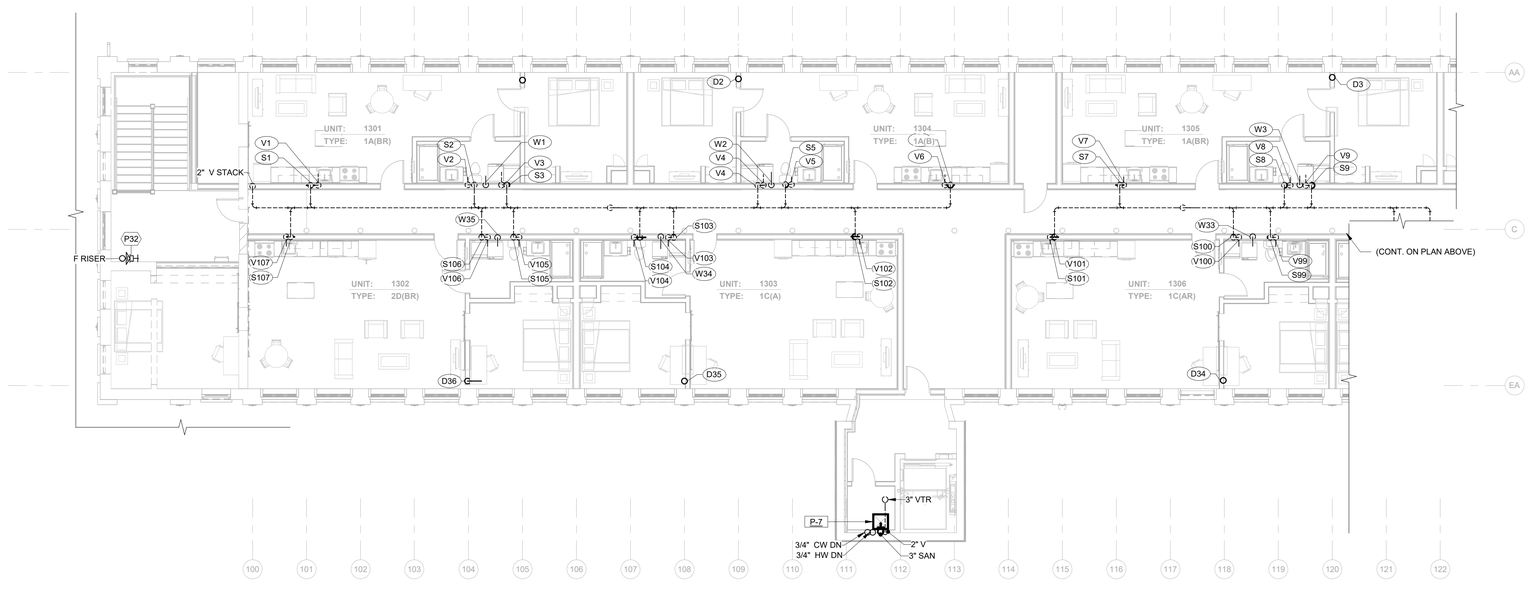
P1.10

10/29/2020 7:07:48 PM C:\Users\rdineah\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdineah4ANQE.rvt

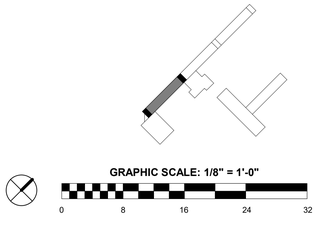
SPECIFIC NOTES - PLUMBING NEW	
P32	PROPOSED LOCATION OF FIRE PROTECTION STANDPIPE/SPRINKLER RISER, WITH FHV, ZONE CONTROL VALVES, TAMPER/FLOW SWITCHES AND 2" EXPRESS DRAIN - SHOWN FOR REFERENCE ONLY. DISCHARGE EXPRESS DRAIN THROUGH WALL APPROX. 0'-6" ABOVE FINAL GRADE AND TERMINATE WITH TURNED DOWN ELBOW. ACTUAL LOCATION, DESIGN, AND INSTALLATION BY DIVISION 21 AND APPROVED BY THE AUTHORITY HAVING JURISDICTION. WHEN THE LOCATION OF ZONE CONTROL VALVES HAS BEEN FINALIZED, COORDINATION BETWEEN DIVISION 21 AND DIVISION 28 SHALL BE MADE TO INTEGRATE TAMPER AND FLOW SWITCHES INTO THE FIRE ALARM SYSTEM.
P33	PROPOSED LOCATION OF FIRE PROTECTION STANDPIPE RISER WITH 2-1/2" FHV INSIDE RECESSED VALVE CABINET.



2 MILL 1 THIRD FLOOR PLAN - PLUMBING - P2
1/8" = 1'-0"



1 MILL 1 THIRD FLOOR PLAN - PLUMBING - P1
1/8" = 1'-0"



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

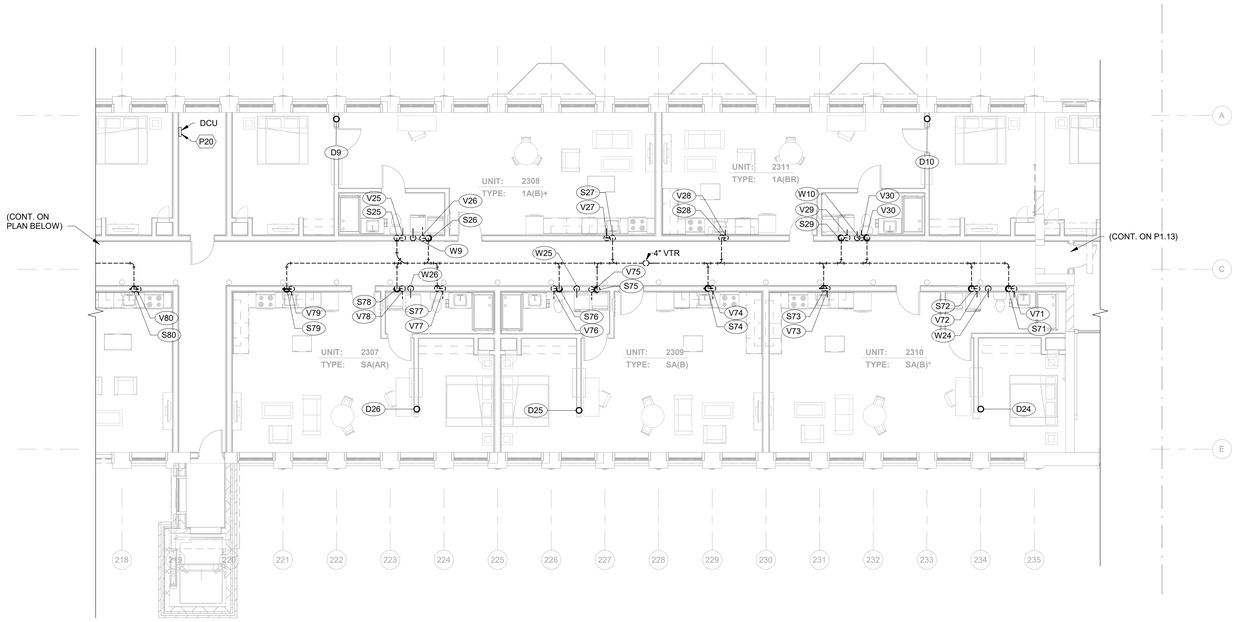
SHEET TITLE
THIRD FLOOR PLAN, MILL 1 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

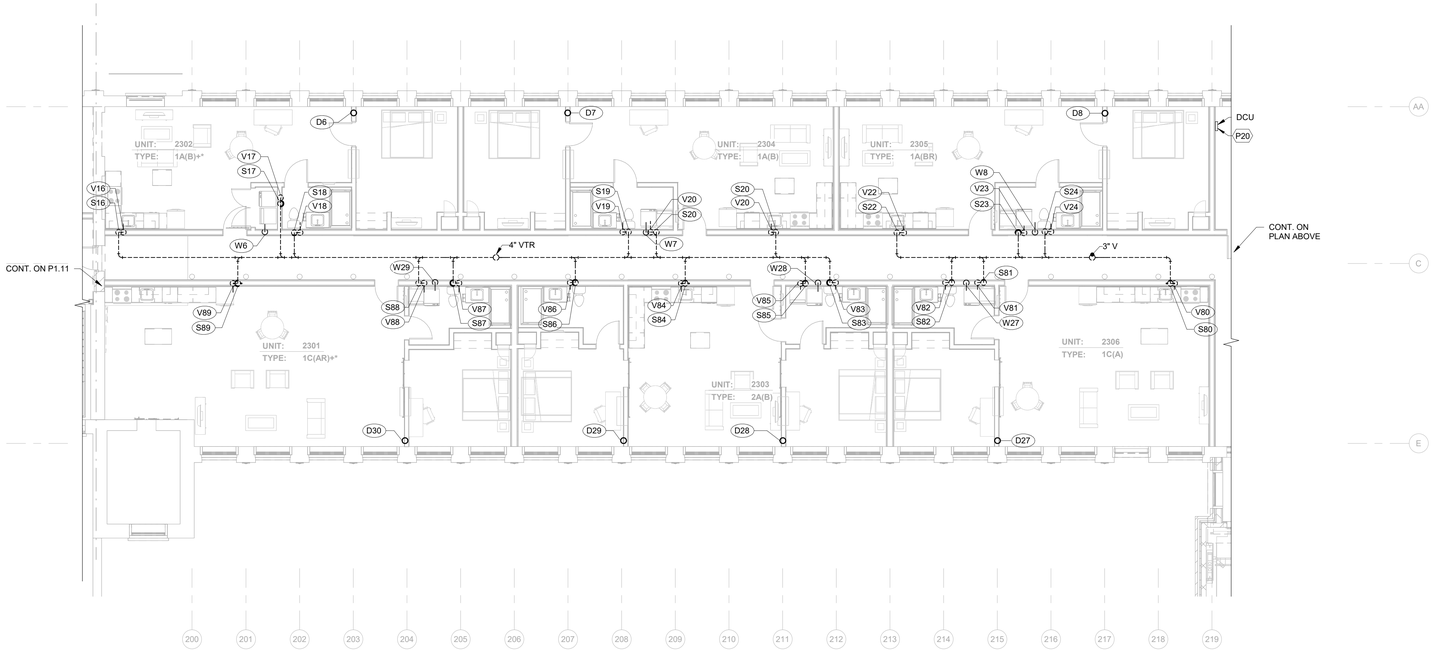
P1.11

10/29/2020 7:07:58 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_vdinesh\JANDE.rvt

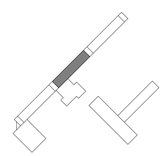
SPECIFIC NOTES - PLUMBING NEW	
P20	AUTOMATIC METER READING SYSTEM, DATA COLLECTION UNIT (DCU) MOUNTED ON WALL.



1 MILL 2 THIRD FLOOR PLAN - PLUMBING - P2
1/8" = 1'-0"



2 MILL 2 THIRD FLOOR PLAN - PLUMBING - P1
1/8" = 1'-0"



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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

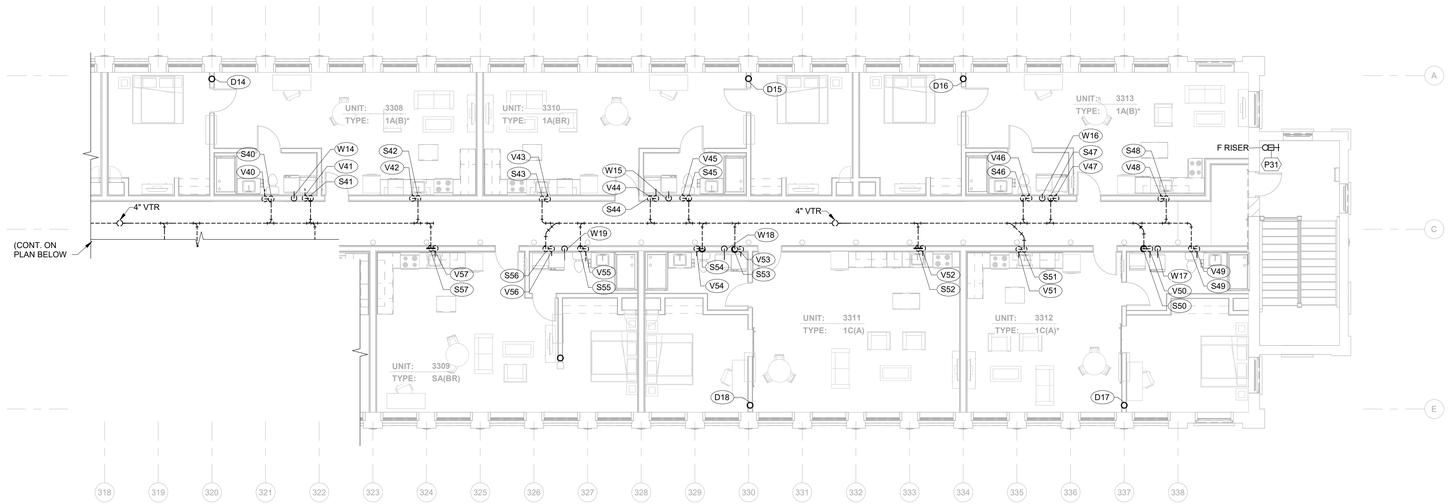
SHEET TITLE
THIRD FLOOR PLANS, MILL 2 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

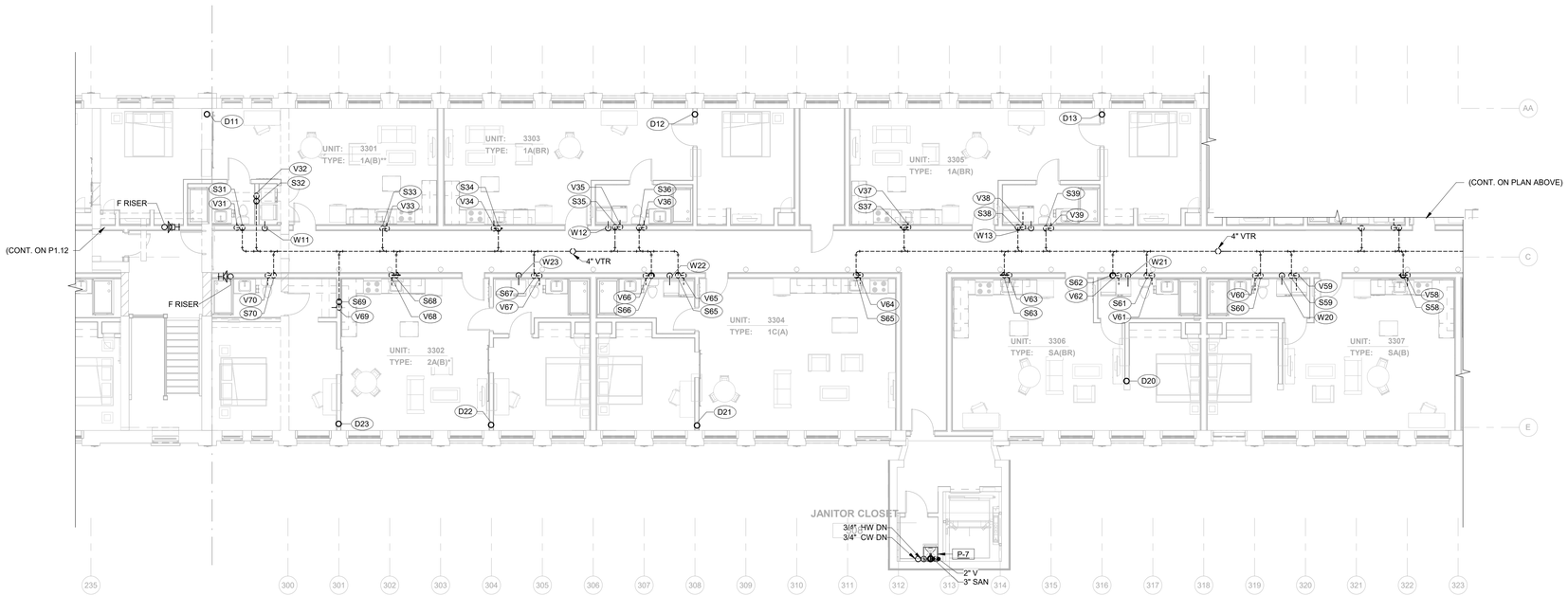
P1.12

10/29/2020 7:08:06 PM C:\Users\drewth\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_vdrewthHANDE.rvt

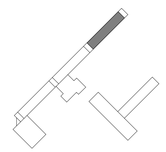
SPECIFIC NOTES - PLUMBING NEW	
P31	PROPOSED LOCATION OF FIRE PROTECTION STANDPIPE WITH FHV. SHOWN FOR REFERENCE ONLY. ACTUAL LOCATION, DESIGN, AND INSTALLATION BY DIVISION 21 AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.



2 MILL 3 THIRD FLOOR PLAN - PLUMBING - P2
1/8" = 1'-0"



1 MILL 3 THIRD FLOOR PLAN - PLUMBING - P1
1/8" = 1'-0"



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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

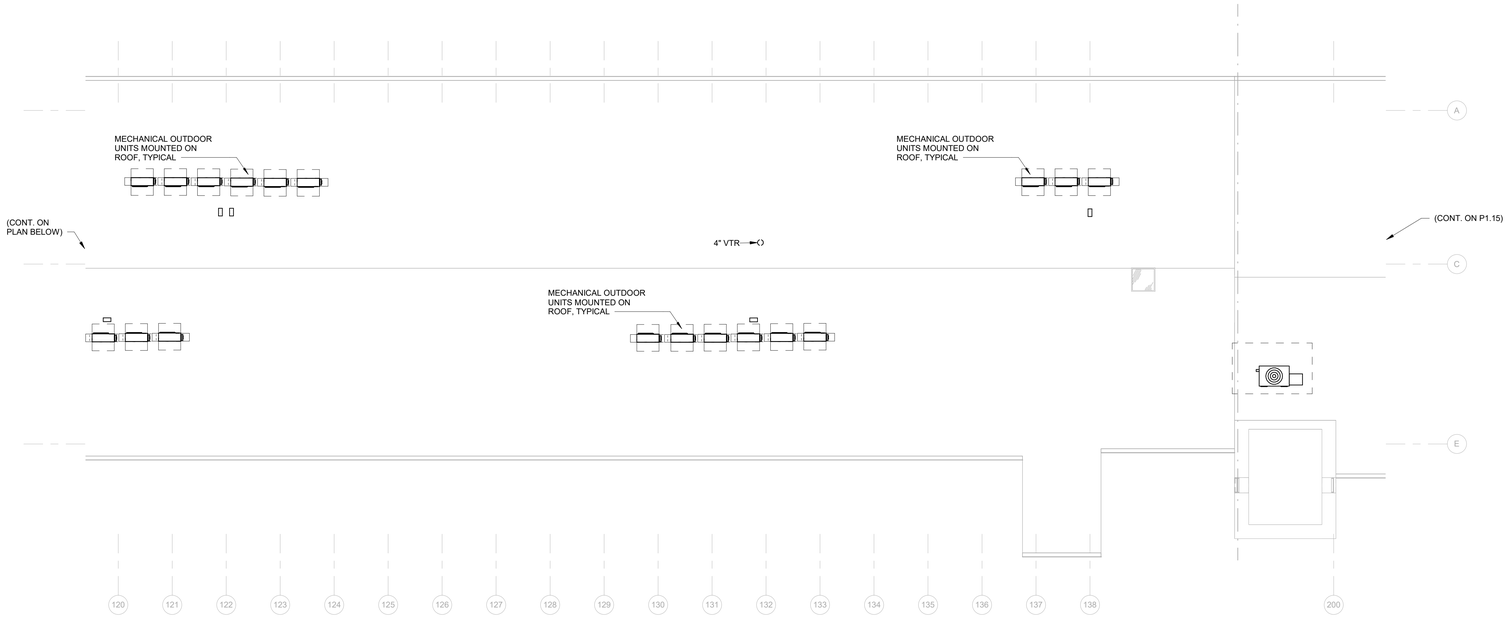
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
THIRD FLOOR PLANS, MILL 3 - PLUMBING

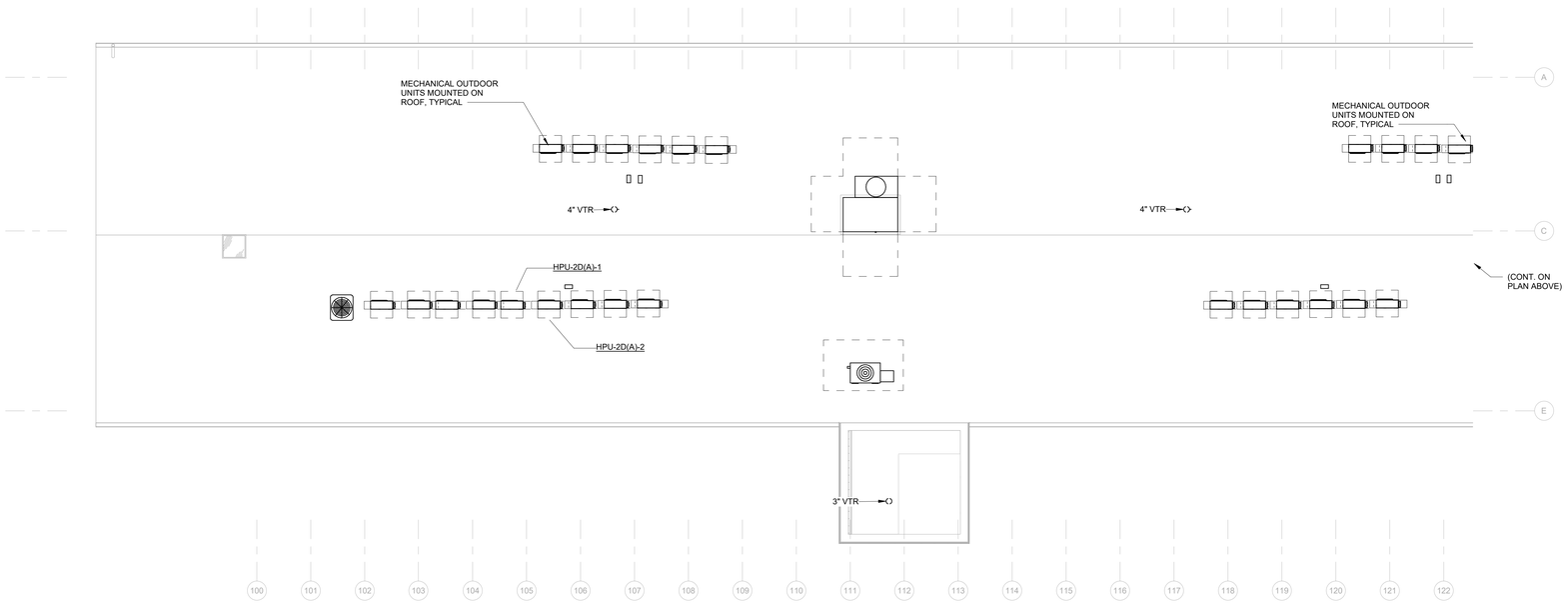
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

P1.13

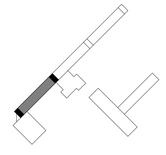
10/29/2020 7:08:19 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_vdinesh\JANOE.rvt



2 MILL 1 ROOF PLAN - PLUMBING - P2
1/8" = 1'-0"



1 MILL 1 ROOF PLAN - PLUMBING - P1
1/8" = 1'-0"



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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

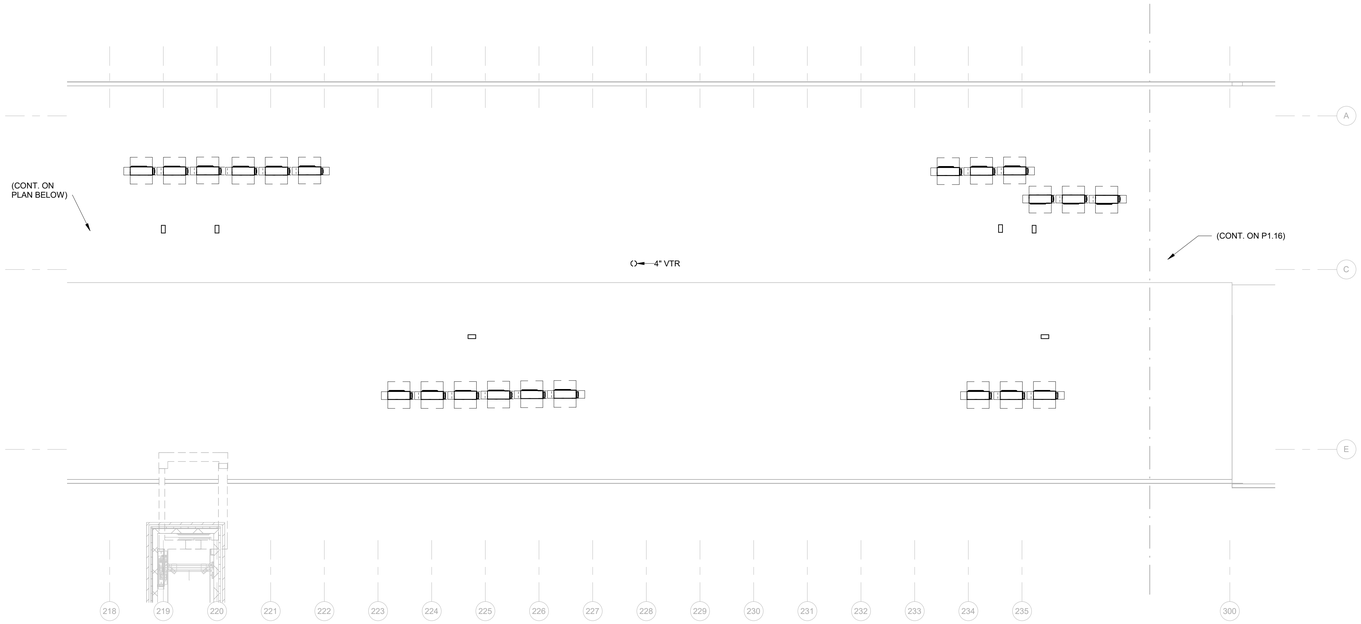
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
ROOF PLANS, MILL 1 - PLUMBING

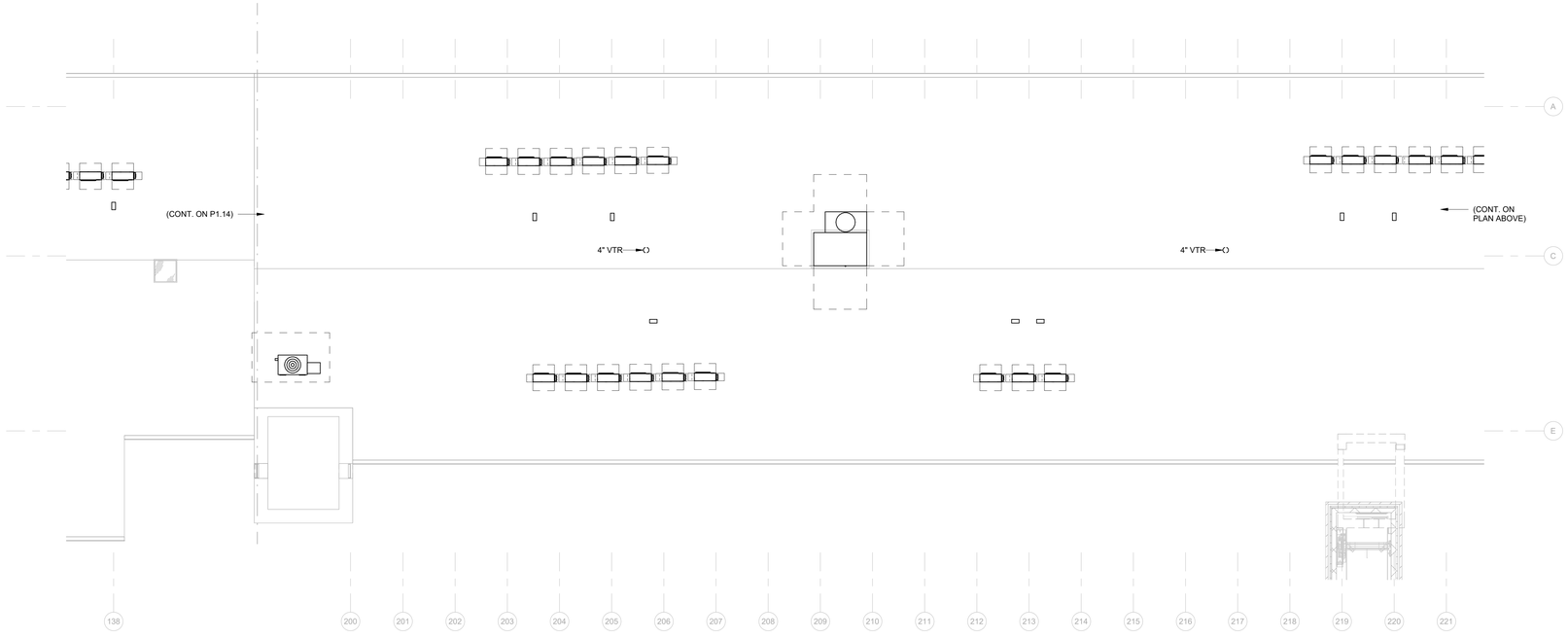
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	AJB/LDR	RTN

P1.14

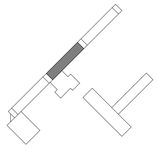
10/29/2020 7:08:23 PM C:\Users\rdineah\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdineah4ANQE.rvt



2 MILL 2 ROOF PLAN - PLUMBING - P2
1/8" = 1'-0"



1 MILL 2 ROOF PLAN - PLUMBING - P1
1/8" = 1'-0"



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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

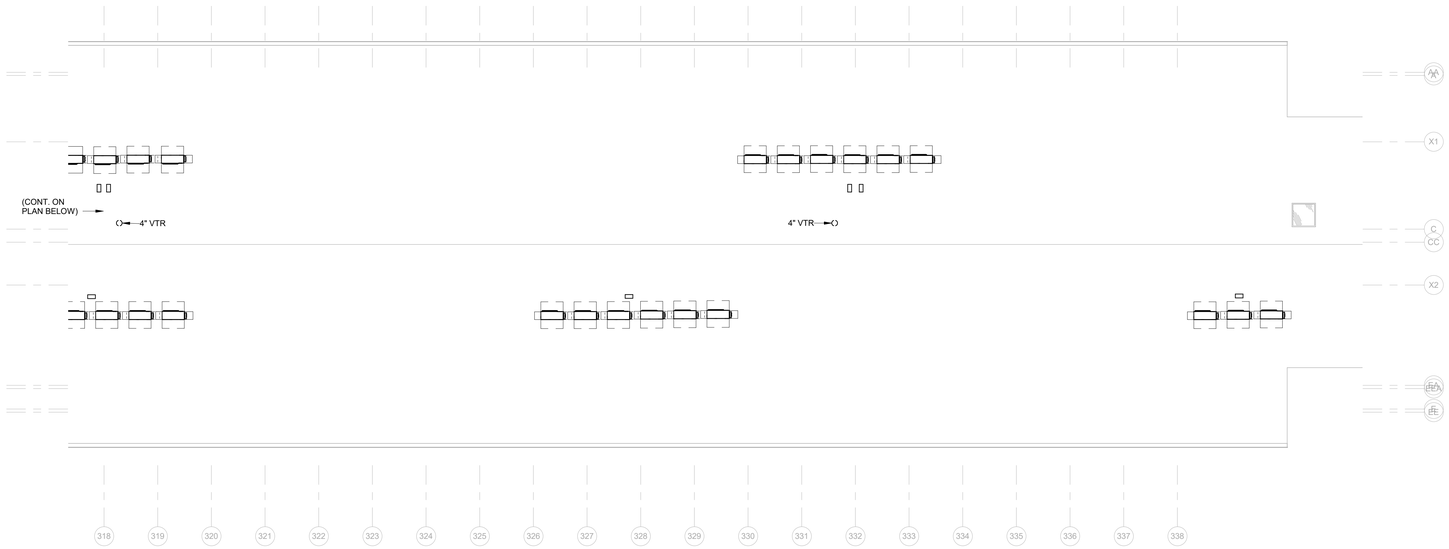
SHEET TITLE
ROOF PLANS, MILL 2 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	AJB/LDR	RTN

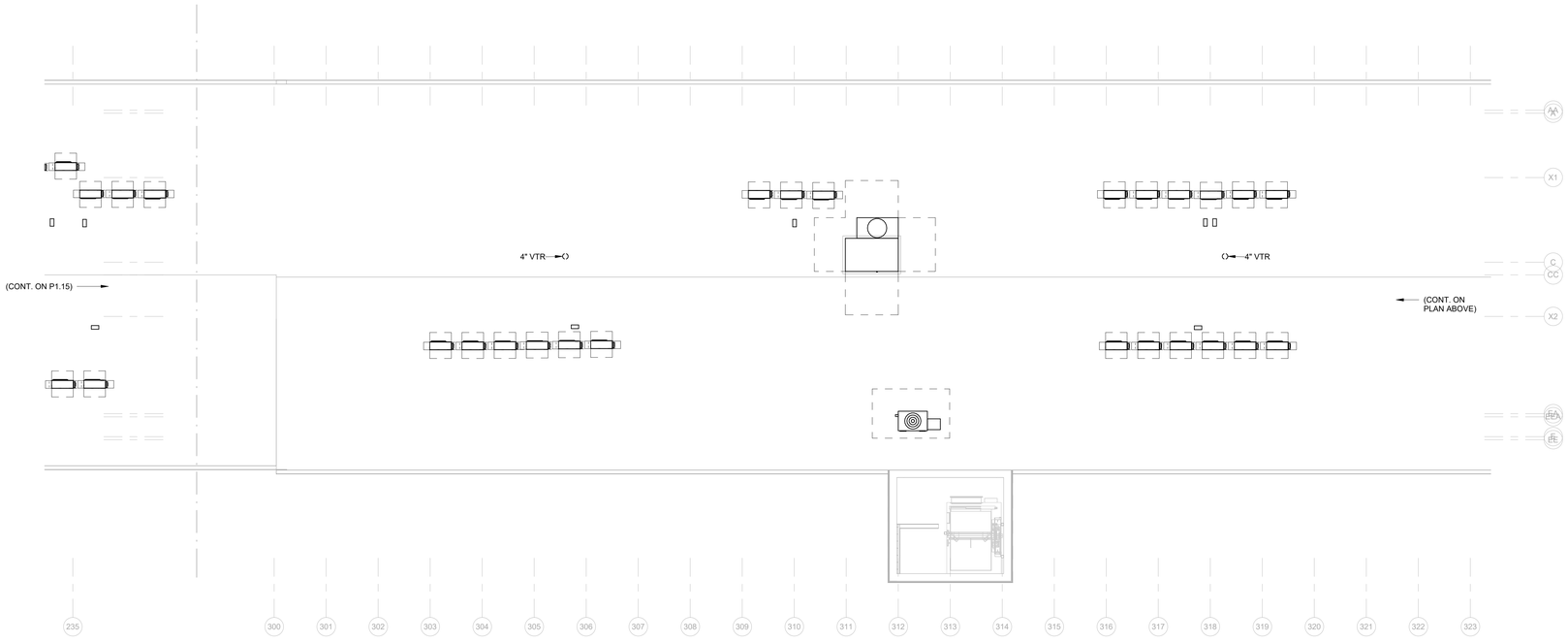
P1.15

10/29/2020 7:08:28 PM C:\Users\rdineah\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdineah4ANDE.rvt

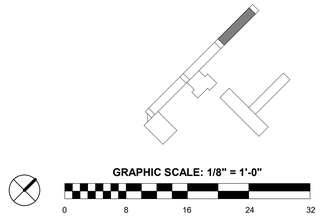
SPECIFIC NOTES - PLUMBING NEW



2 MILL 3 ROOF PLAN - PLUMBING - P2
1/8" = 1'-0"



1 MILL 3 ROOF PLAN - PLUMBING - P1
1/8" = 1'-0"



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

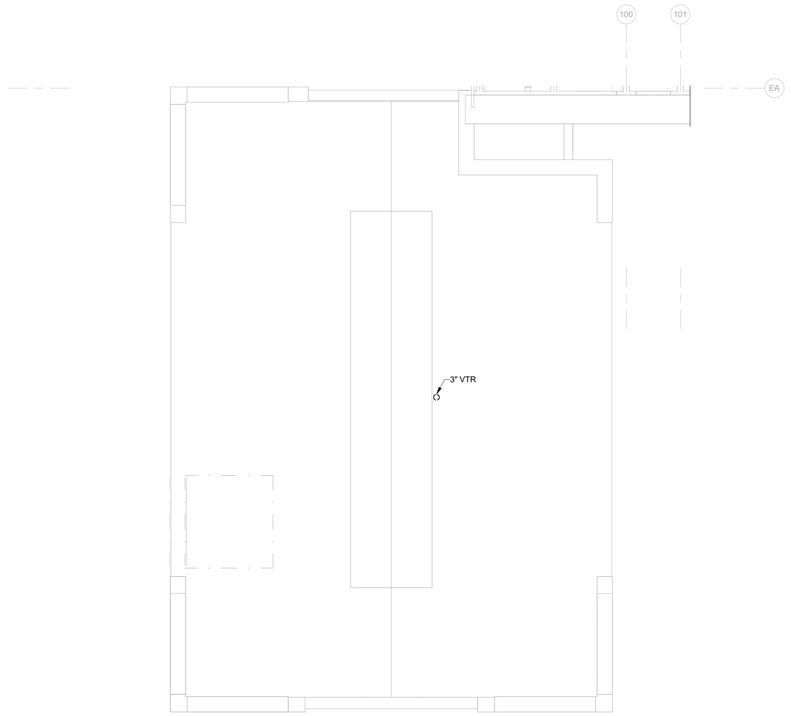
SHEET TITLE
ROOF PLANS, MILL 3 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	AJB/LDR	RTN

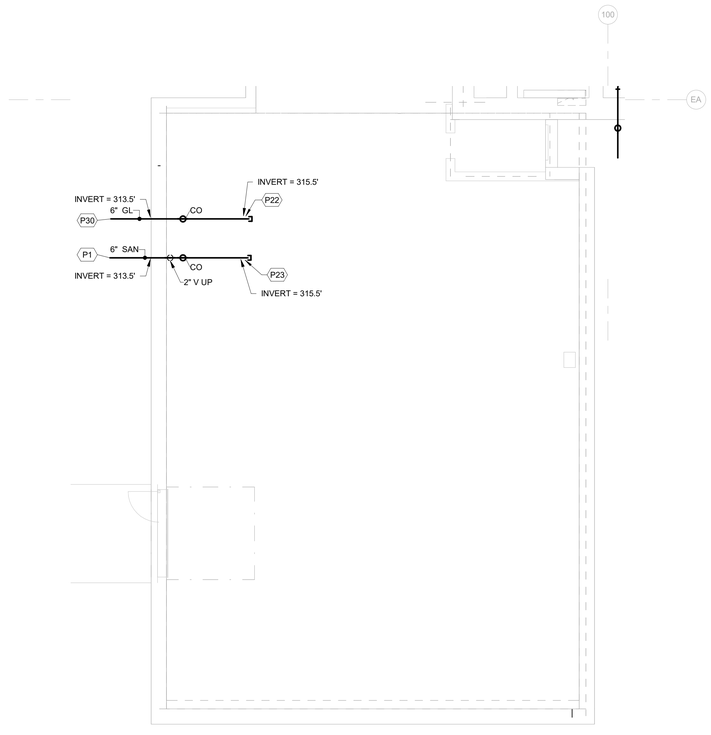
P1.16

10/29/2020 7:08:32 PM C:\Users\rdrexel\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdrexelNJANQE.rvt

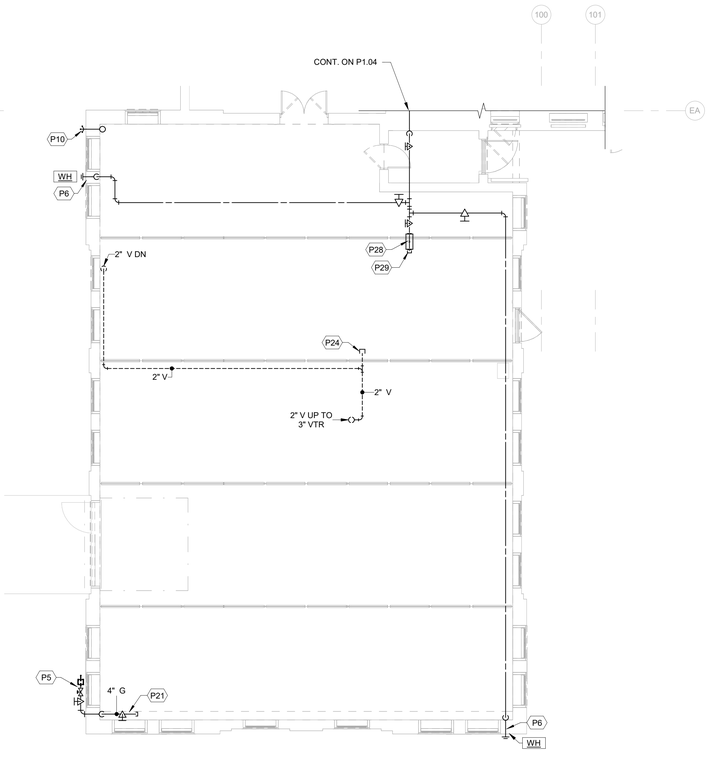
SPECIFIC NOTES - PLUMBING NEW	
P1	SAN TO 5'-0" BEYOND BUILDING. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P5	PROPOSED BOILER BUILDING GAS METER LOCATION. GAS METER AND REGULATOR INSTALLED BY UTILITY COMPANY (UGI). AVAILABLE GAS PRESSURE IN MARSHAL ST. IS LOW PRESSURE (7-IN.W.C.). COORDINATE GAS SERVICE WITH UGI AND CIVIL. RESTAURANT GAS LOAD GUESSTIMATE IS 1,200 CFH.
P6	WALL HYDRANT TO PENETRATE EXTERIOR WALL AT 24" AFG. COORDINATE FINAL LOCATION WITH ARCHITECT.
P10	EXTEND FIRE LINE TO FIRE DEPARTMENT CONNECTION.
P21	4"G VALVED AND CAPPED FOR FUTURE EXTENSION TO GAS EQUIPPMENT.
P22	CAP GREASE LADEN PIPING BELOW FLOOR FOR FUTURE CONNECTION.
P23	CAP SANITARY PIPING BELOW FLOOR FOR FUTURE CONNECTION.
P24	CAP VENT PIPING CONNTECTION FOR FUTURE CONNECTION.
P28	COMMERCIAL SUB-METER AND RF TRANSMITTER.
P29	CAP COLD WATER PIPING FOR FUTURE CONNECTION.
P30	GREASE-LADEN SAN TO 5'0" BEYOND BUILDING TO GREASE INTERCEPTOR. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.



2 BUILDING-21 - ROOF PLAN - PLUMBING
1/8" = 1'-0"



3 BUILDING-21 - FOUNDATION PLAN - PLUMBING
1/8" = 1'-0"
FFE = 319.53'



1 BUILDING-21 - FIRST FLOOR PLAN - PLUMBING
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

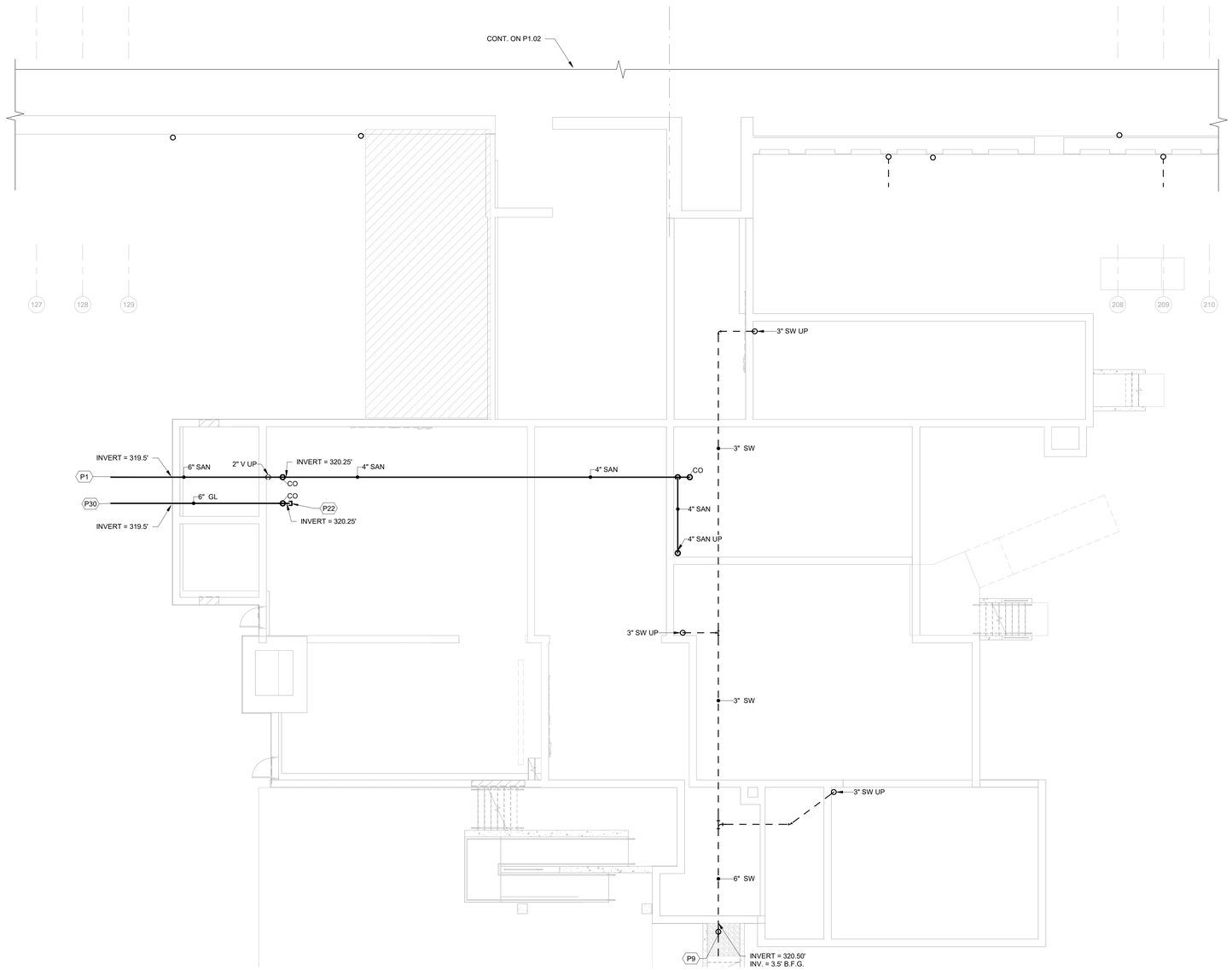
SHEET TITLE
BUILDING-21 FLOOR PLANS - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

P1.17

10/29/2020 7:08:37 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdinesh4AN0E.rvt

SPECIFIC NOTES - PLUMBING NEW	
P1	SAN TO 5'-0" BEYOND BUILDING. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.
P9	UP TO CLEANOUT.
P30	GREASE-LADEN SAN TO 5'0" BEYOND BUILDING TO GREASE INTERCEPTOR. TRANSITION AND MAKE CONNECTION TO LINE PROVIDED UNDER ANOTHER DIVISION. SEE CIVIL DRAWINGS.



1 BOILER BUILDING FOUNDATION PLAN - PLUMBING
1/8" = 1'-0"

FFE = 326.44' AT SOUTH DOOR NEAR SW.
FFE = 325.07' AT WEST SIDE NEAR SAN.

GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

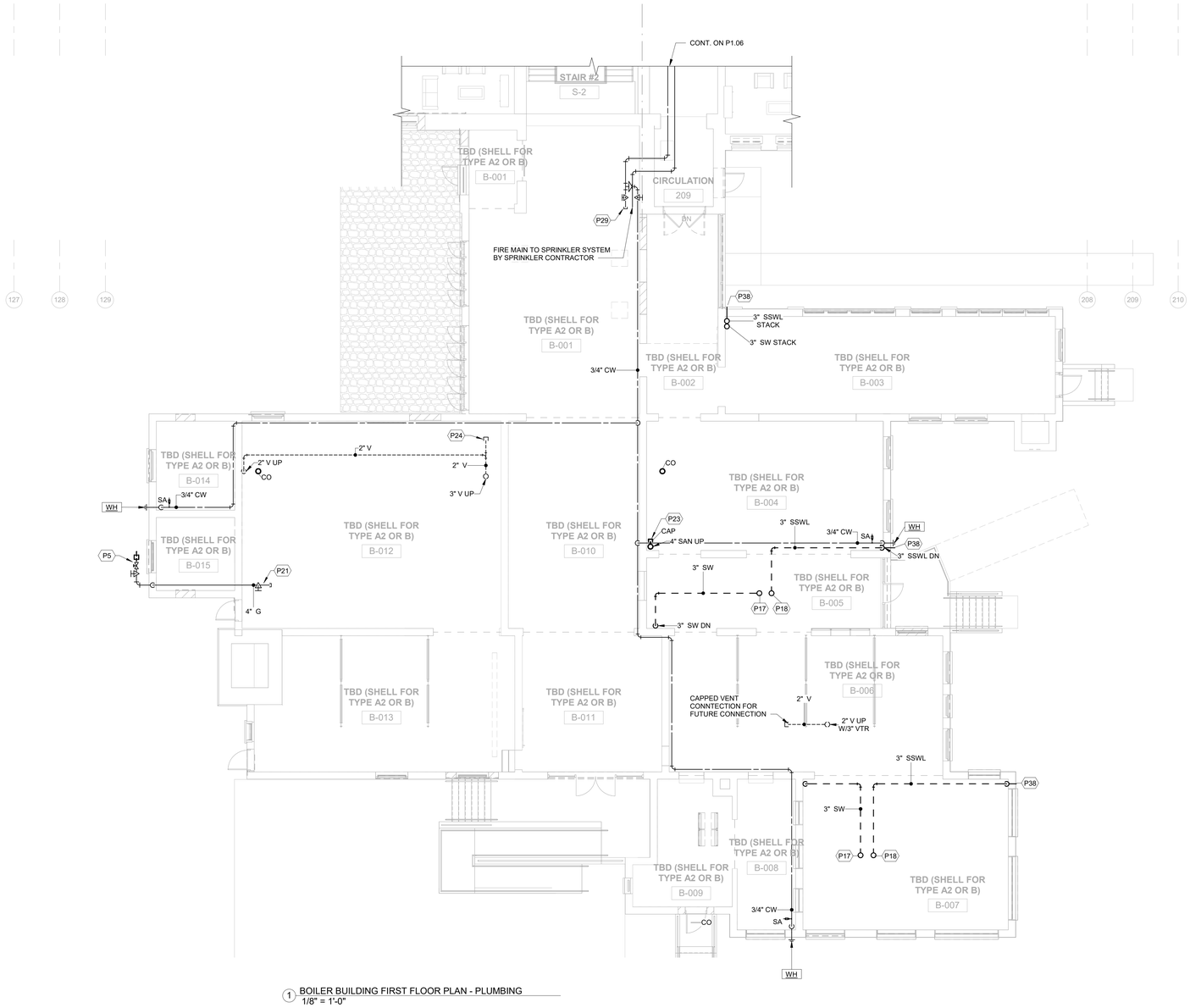
SHEET TITLE
FOUNDATION PLAN BOILER BUILDING - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

P1.18

10/29/2020 7:08:40 PM C:\Users\rdivean\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdivean.RANDE.rvt

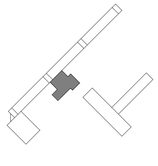
SPECIFIC NOTES - PLUMBING NEW	
P5	PROPOSED BOILER BUILDING GAS METER LOCATION. GAS METER AND REGULATOR INSTALLED BY UTILITY COMPANY (UGI). AVAILABLE GAS PRESSURE IN MARSHAL ST. IS LOW PRESSURE (7-IN.W.C.). COORDINATE GAS SERVICE WITH UGI AND CIVIL. RESTAURANT GAS LOAD GUESSTIMATE IS 1,200 CFH.
P17	STORM WATER UP TO ROOF DRAIN.
P18	SECONDARY STORM WATER UP TO OVERFLOW DRAIN.
P21	4"G VALVED AND CAPPED FOR FUTURE EXTENSION TO GAS EQUIPPMENT.
P23	CAP SANITARY PIPING BELOW FLOOR FOR FUTURE CONNECTION.
P24	CAP VENT PIPING CONNTECTION FOR FUTURE CONNECTION.
P29	CAP COLD WATER PIPING FOR FUTURE CONNECTION.
P38	SECONDARY STORM WATER (SSWL) PENETRATE EXTERIOR WALL 18" A.F.G. PROVIDE DOWNSPOUT NOZZLE AT TERMINATION ON EXTERIOR WALL. SPILL TO SPLASHBLOCK.



1 BOILER BUILDING FIRST FLOOR PLAN - PLUMBING
1/8" = 1'-0"

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

0 8 16 24 32



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

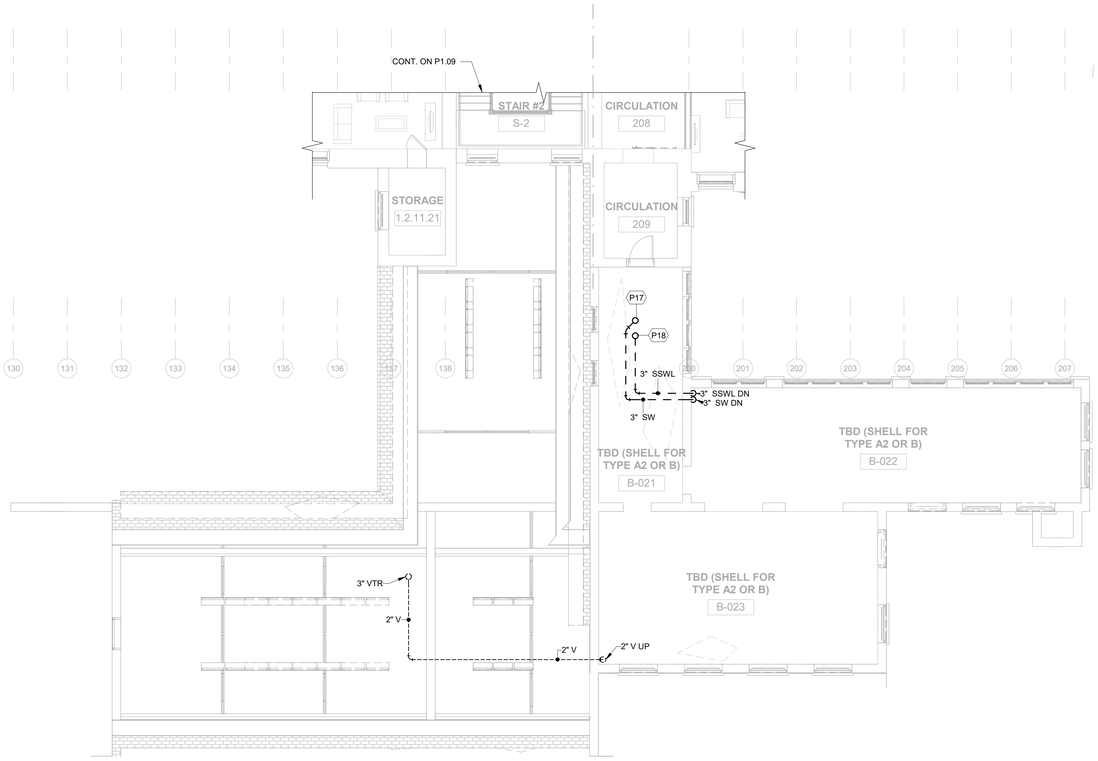
SHEET TITLE
FIRST FLOOR PLAN BOILER BUILDING - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

P1.19

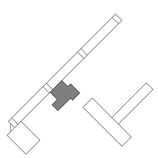
10/29/2020 7:08:44 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdinesh\JANQE.rvt

SPECIFIC NOTES - PLUMBING NEW	
P17	STORM WATER UP TO ROOF DRAIN.
P18	SECONDARY STORM WATER UP TO OVERFLOW DRAIN.



1 BOILER BUILDING SECOND FLOOR PLAN - PLUMBING
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

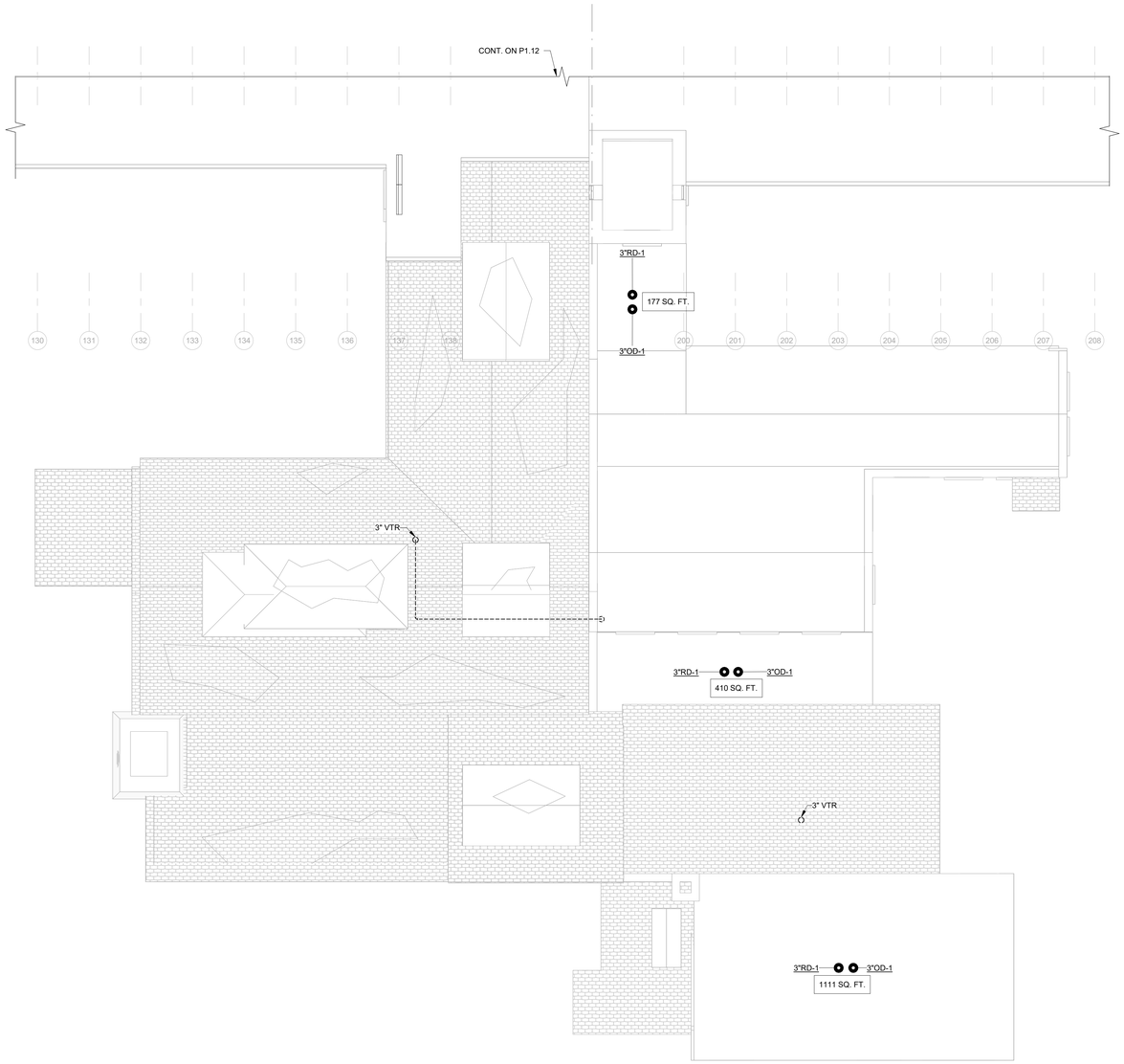
SHEET TITLE
SECOND FLOOR PLAN BOILER BUILDING - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	AJB/LDR	RTN

P1.20

10/29/2020 7:08:47 PM C:\Users\rdineen\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rvdineenNJANQE.rvt

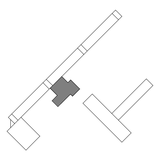
SPECIFIC NOTES - PLUMBING NEW



1 BOILER BUILDING ROOF PLAN - PLUMBING
1/8" = 1'-0"

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

0 8 16 24 32



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
ROOF PLAN BOILER BUILDING - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

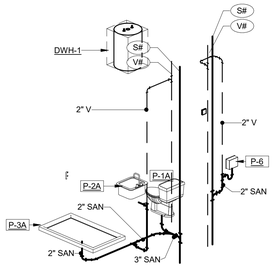
P1.21

10/29/2020 7:08:53 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_vdinesh\JANDE.rvt

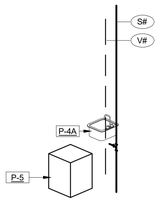
SPECIFIC NOTES - PLUMBING NEW	
P3	CONNECT CONDENSATE DRAIN TO FCU.
P25	APARTMENT WATER HEATER SHOWN IN THIS LOCATION FOR GRAPHICAL CLARITY. WATER HEATER SHALL BE MOUNTED ON THE PLATFORM NEXT TO THE CORRIDOR WALL.
P26	APARTMENT WATER PIPES SHOWN IN THIS LOCATION FOR GRAPHICAL CLARITY. WATER PIPES SHALL BE LOCATED IN THE CORRIDOR WALL.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

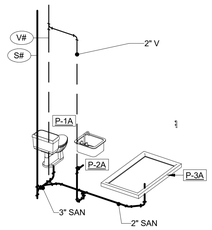
STAMP



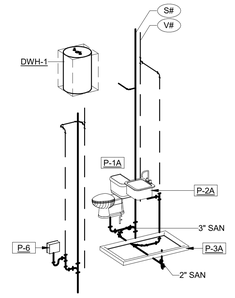
5 TYPICAL BATHROOM RISER A - SANITARY AND VENT



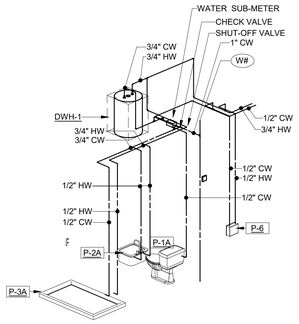
6 TYPICAL KITCHEN RISER B - SANITARY AND VENT



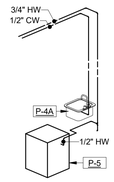
7 TYPICAL KITCHEN RISER C - SANITARY AND VENT



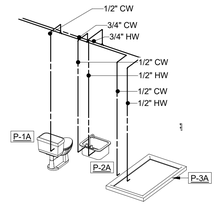
12 TYPICAL KITCHEN RISER D - SANITARY AND VENT



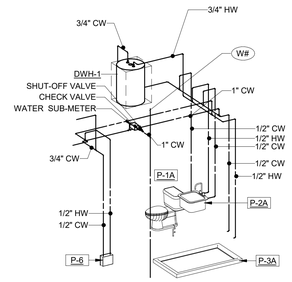
8 TYPICAL BATHROOM RISER A - DOMESTIC WATER



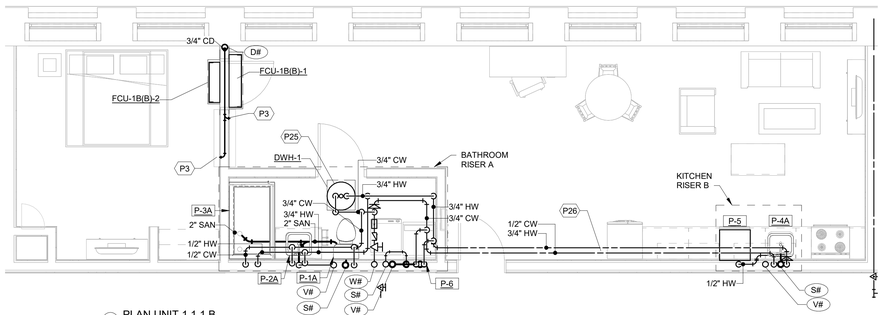
9 TYPICAL KITCHEN RISER B - DOMESTIC WATER



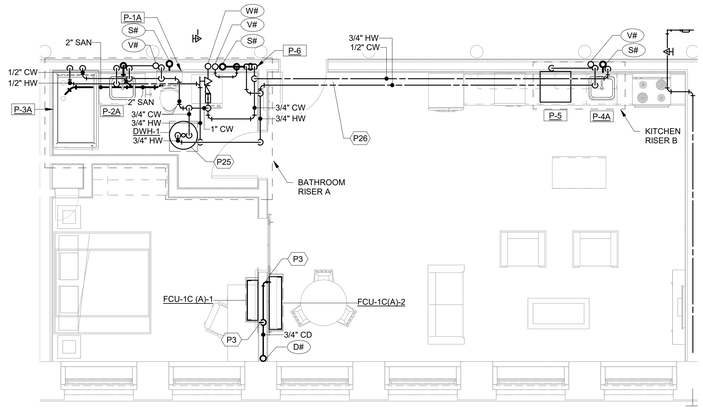
10 TYPICAL KITCHEN RISER C - DOMESTIC WATER



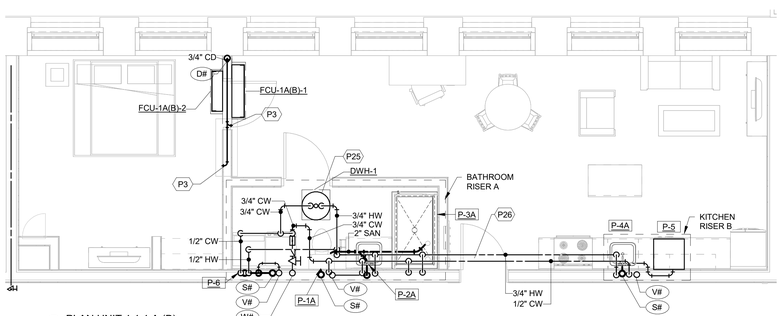
11 TYPICAL KITCHEN RISER D - DOMESTIC WATER



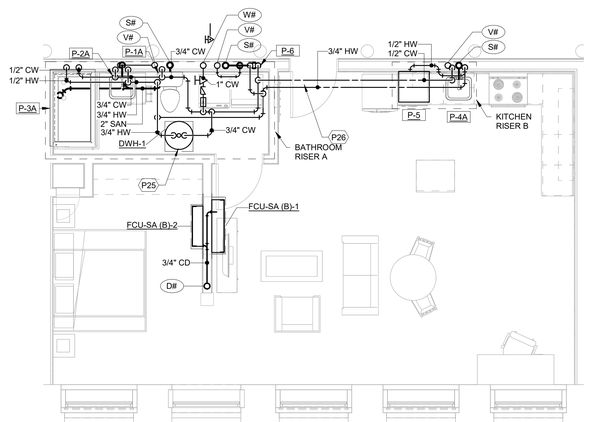
3 PLAN UNIT 1.1.1.B
1/4" = 1'-0"



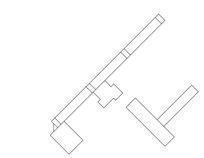
2 PLAN UNIT 1.1.1.C
1/4" = 1'-0"



4 PLAN UNIT 1.1.1.A (B)
1/4" = 1'-0"



1 PLAN UNIT 3.1.S.A (B)
1/4" = 1'-0"



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

0 4 8 12 16

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

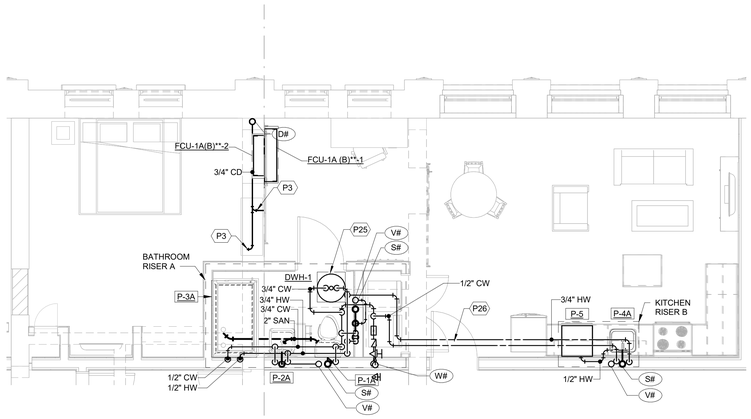
SHEET TITLE
UNIT PLANS, MILLS 1,2,3 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

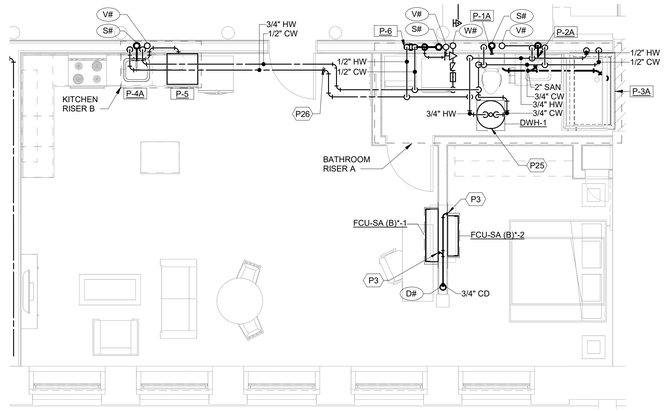
P4.01

10/29/2020 7:05:03 PM C:\Users\rdreah\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdreah4ANQE.rvt

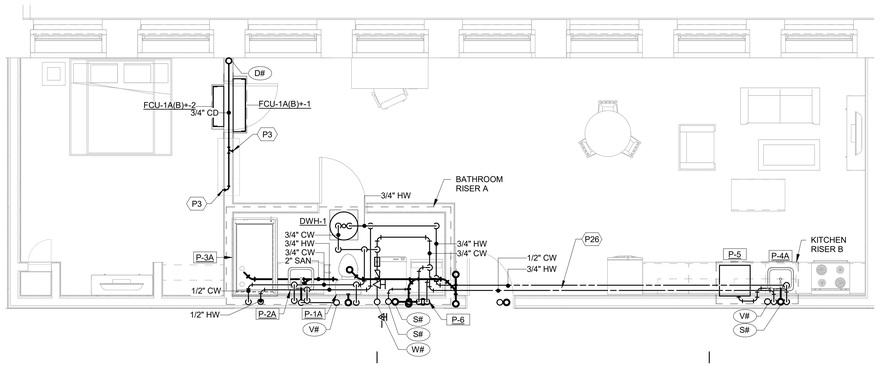
SPECIFIC NOTES - PLUMBING NEW	
P3	CONNECT CONDENSATE DRAIN TO FCU.
P25	APARTMENT WATER HEATER SHOWN IN THIS LOCATION FOR GRAPHICAL CLARITY. WATER HEATER SHALL BE MOUNTED ON THE PLATFORM NEXT TO THE CORRIDOR WALL.
P26	APARTMENT WATER PIPES SHOWN IN THIS LOCATION FOR GRAPHICAL CLARITY. WATER PIPES SHALL BE LOCATED IN THE CORRIDOR WALL.



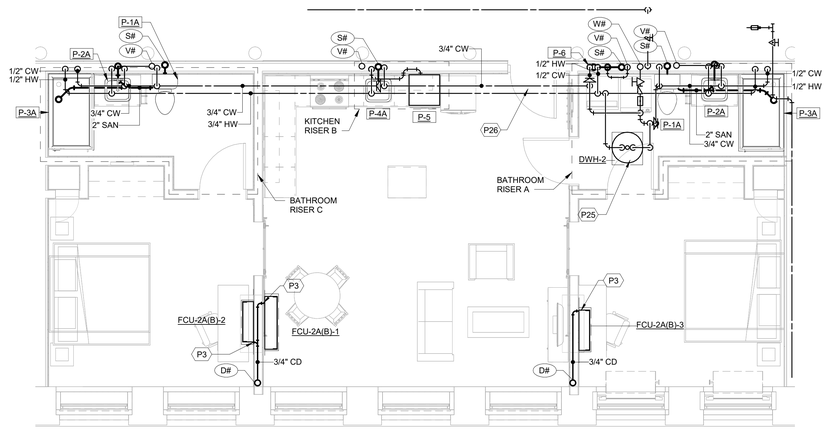
7 PLAN UNIT 3.2.1.A (B)**
1/4" = 1'-0"



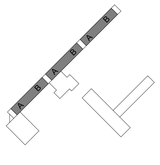
5 PLAN UNIT 2.2.1.C (B)*
1/4" = 1'-0"



2 PLAN UNIT 2.1.1.A (B)+
1/4" = 1'-0"



1 PLAN UNIT 2.1.2.A (B)
1/4" = 1'-0"



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

0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

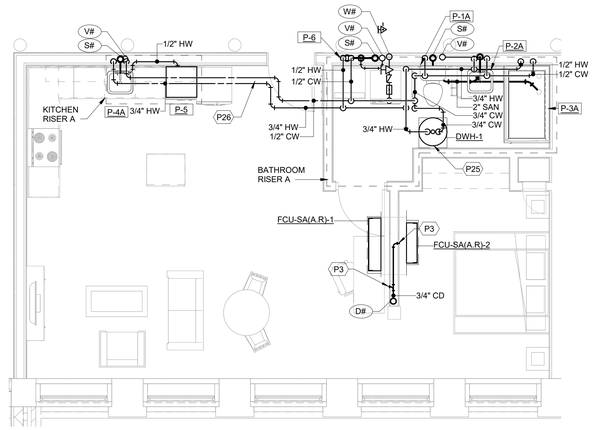
SHEET TITLE
UNIT PLANS, MILLS 1,2,3 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

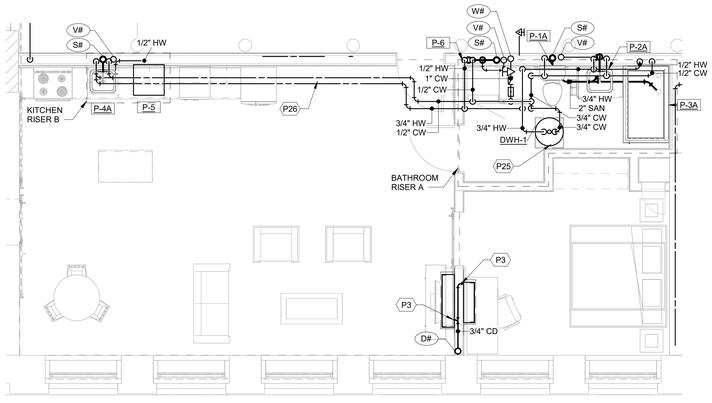
P4.02

10/29/2020 7:09:13 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdinesh\HANDE.rvt

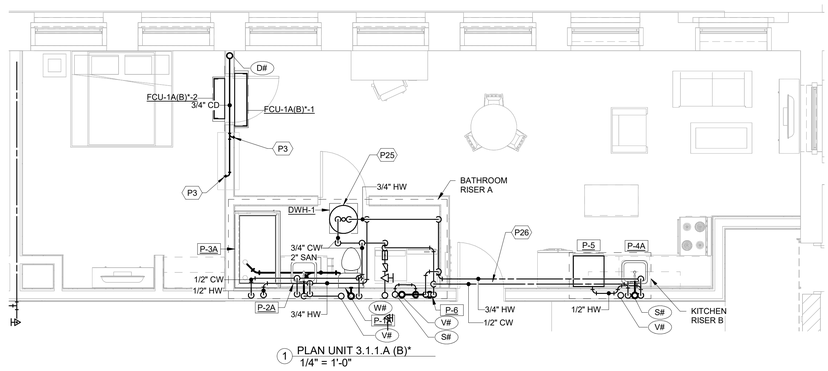
SPECIFIC NOTES - PLUMBING NEW	
P3	CONNECT CONDENSATE DRAIN TO FCU.
P25	APARTMENT WATER HEATER SHOWN IN THIS LOCATION FOR GRAPHICAL CLARITY. WATER HEATER SHALL BE MOUNTED ON THE PLATFORM NEXT TO THE CORRIDOR WALL.
P26	APARTMENT WATER PIPES SHOWN IN THIS LOCATION FOR GRAPHICAL CLARITY. WATER PIPES SHALL BE LOCATED IN THE CORRIDOR WALL.



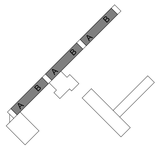
3 PLAN UNIT 2.1.S.A (A.R)
1/4" = 1'-0"



2 PLAN UNIT 1.1.1.C (A.R)
1/4" = 1'-0"



1 PLAN UNIT 3.1.1.A (B)*
1/4" = 1'-0"



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

0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

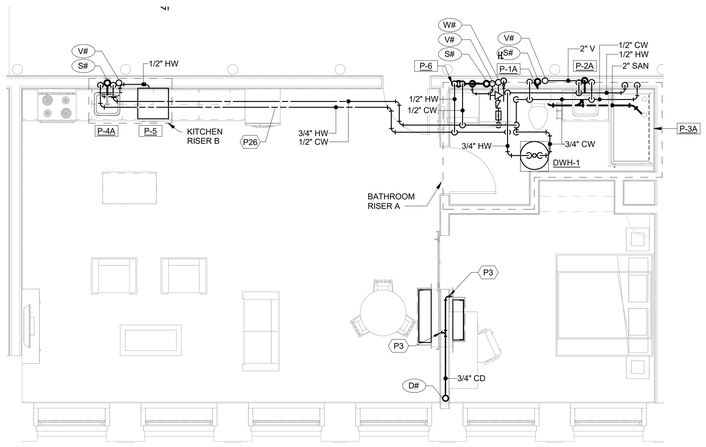
SHEET TITLE
UNIT PLANS, MILLS 1,2,3 - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

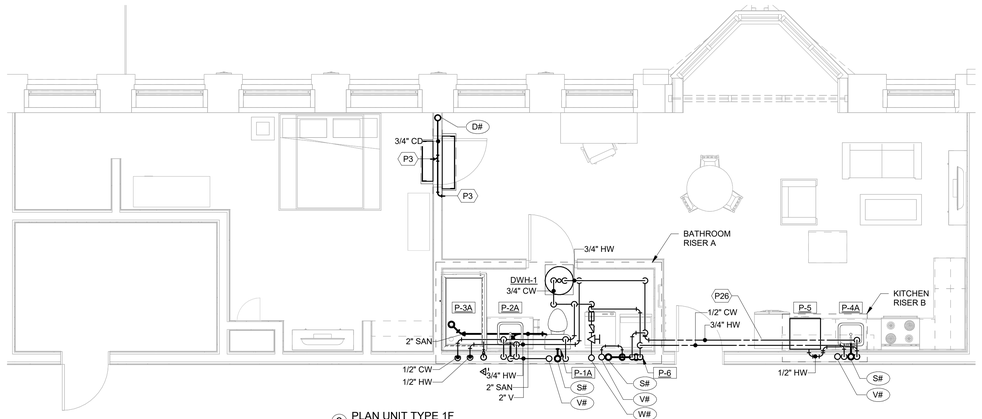
P4.03

10/29/2020 7:09:20 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_vdinesh\JANOE.rvt

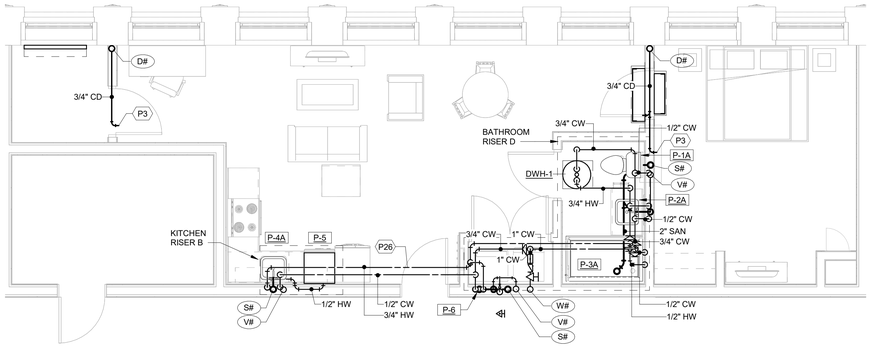
SPECIFIC NOTES - PLUMBING NEW	
P3	CONNECT CONDENSATE DRAIN TO FCU.
P26	APARTMENT WATER PIPES SHOWN IN THIS LOCATION FOR GRAPHICAL CLARITY. WATER PIPES SHALL BE LOCATED IN THE CORRIDOR WALL.



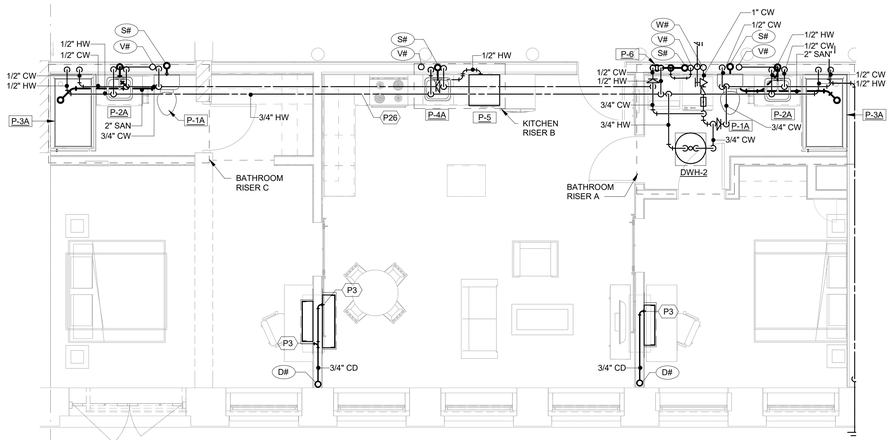
1 PLAN UNIT TYPE 1C (A)*
1/4" = 1'-0"



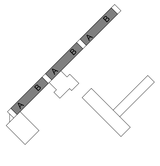
2 PLAN UNIT TYPE 1F
1/4" = 1'-0"



3 PLAN UNIT TYPE 1G (B)
1/4" = 1'-0"



4 PLAN UNIT TYPE 2A (B)*
1/4" = 1'-0"



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

0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE II
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

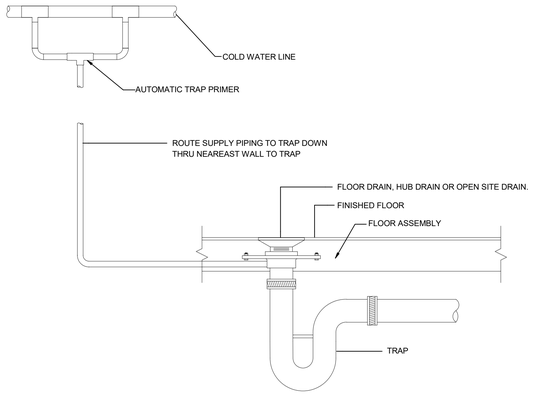
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
UNIT PLANS, MILLS 1,2,3 - PLUMBING

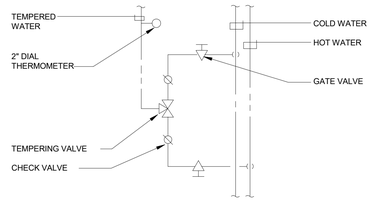
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	Author	Checker

P4.04

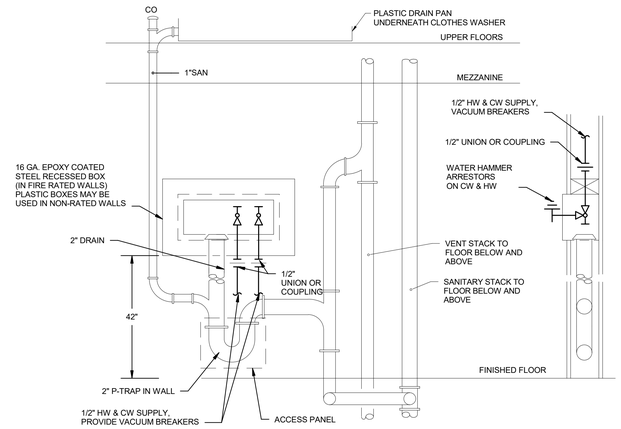
10/29/2020 7:09:29 PM C:\Users\vdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_vdinesh\JANGE.rvt



1 TRAP PRIMER ASSEMBLY DETAIL
SCALE: NONE

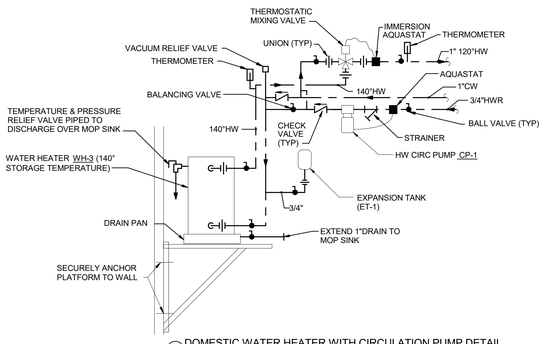


2 DETAIL - TEMPERING VALVE PIPING
SCALE: NONE

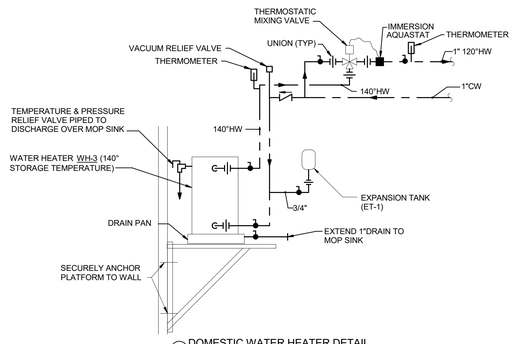


NOTE: SEE CLOTHES WASHER DRAIN RISER DETAIL ON THIS DRAWING.

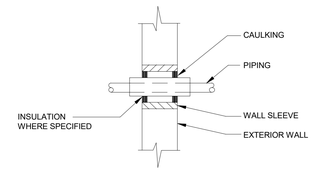
3 CLOTHES WASHER UTILITY BOX CONNECTION DETAIL
SCALE: NONE



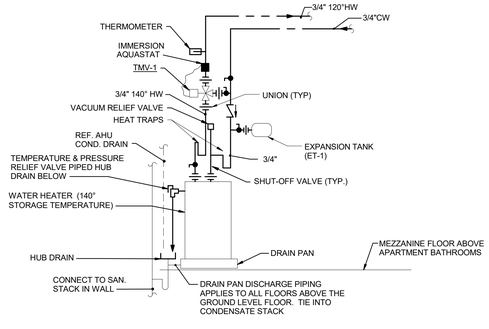
4 DOMESTIC WATER HEATER WITH CIRCULATION PUMP DETAIL
SCALE: NONE



5 DOMESTIC WATER HEATER DETAIL
SCALE: NONE

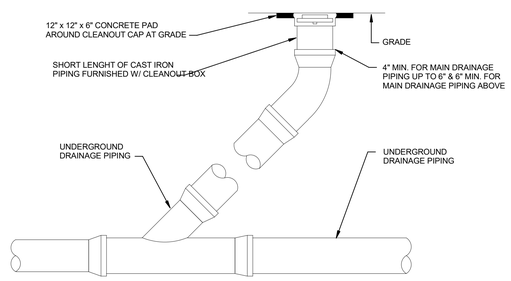


6 DETAIL - PIPE SLEEVE THRU WALL DETAIL
SCALE: NONE

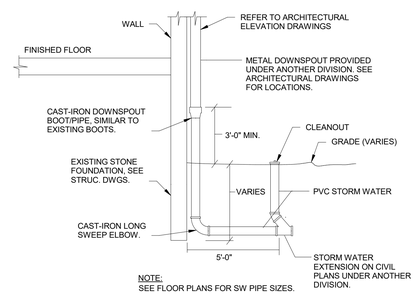


TMV-1: 3-WAY MXING VALVE, RATED FOR MIN. 7GPM @ 5PSI PRESSURE DROP
ASSE 1017, POWERS LEAD FREE SERIES LFLM OR EQUAL

7 DOMESTIC WATER HEATER DETAIL (APARTMENTS)
SCALE: NONE



8 DETAIL - CLEANOUT DETAIL
SCALE: NONE



NOTE:
SEE FLOOR PLANS FOR SW PIPE SIZES.

9 DETAIL - DOWNSPOUT SHOE DETAIL
SCALE: NONE

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

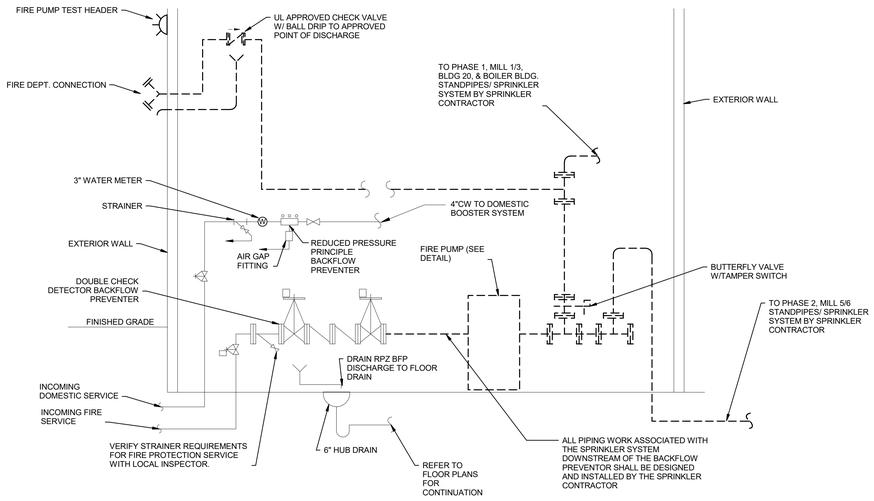
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
PLUMBING DETAILS

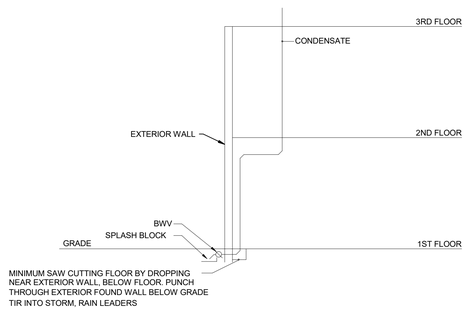
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	AJB/LDR	RTN

P5.01

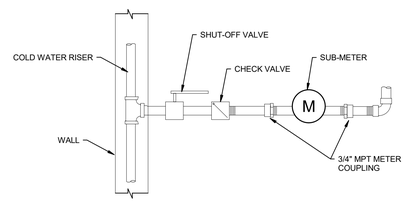
10/29/2020 7:09:30 PM C:\Users\rdsheph\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_v\dsheph\AHXCE.rvt



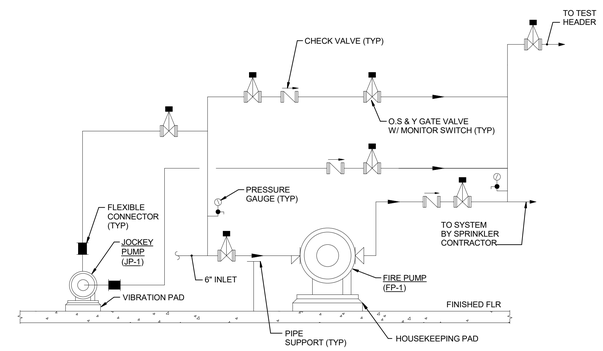
1 FIRE PROTECTION & WATER SERVICE RISER DIAGRAM
SCALE: NONE



16 FAN COIL UNIT DRAIN DETAIL
SCALE: NONE

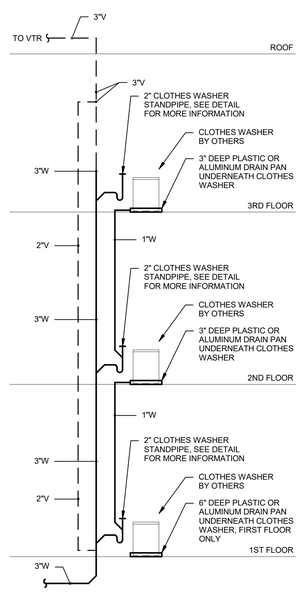


15 APARTMENT WATER SUB-METER DETAIL
SCALE: NONE



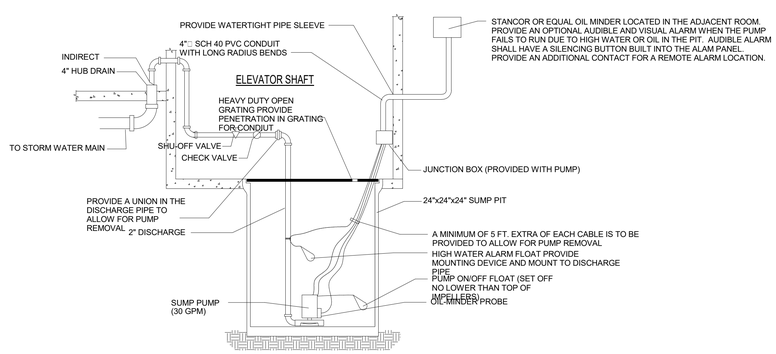
NOTE: ALL PIPING WORK ASSOCIATED WITH SPRINKLER SYSTEM DOWNSTREAM OF THE BACKFLOW PREVENTER SHALL BE DESIGNED AND INSTALLED BY THE SPRINKLER CONTRACTOR

11 FIRE PUMP DIAGRAM
SCALE: NONE



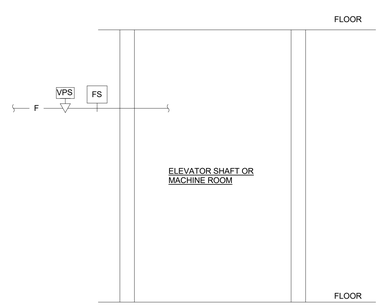
NOTE: ALL RISER AND DRAIN PIPING SHALL BE CPVC.

16 TYPICAL CLOTHES WASHER DRAIN PAN RISER
SCALE: NONE



1. CONTROL/ALARM PANEL, JUNCTION BOX, FLOAT SWITCHES AND CONNECTOR CABLE PROVIDED UNDER DIVISION 15, MAIN POWER PROVIDED UNDER DIVISION 16.
2. REFER TO STRUCTURAL DRAWINGS FOR DETAILS OF SUMP PITS.

14 DETAIL - ELEVATOR SUMP PIT
SCALE: NONE



SPRINKLER HEAD LOCATED 24" ABOVE BOTTOM OF EACH SHAFT AND AT ELEVATOR MACHINE ROOMS OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

12 DETAIL - SPRINKLER PIPE TO ELEVATOR SHAFT OR MACHINE ROOM SCHEMATIC
SCALE: NONE

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

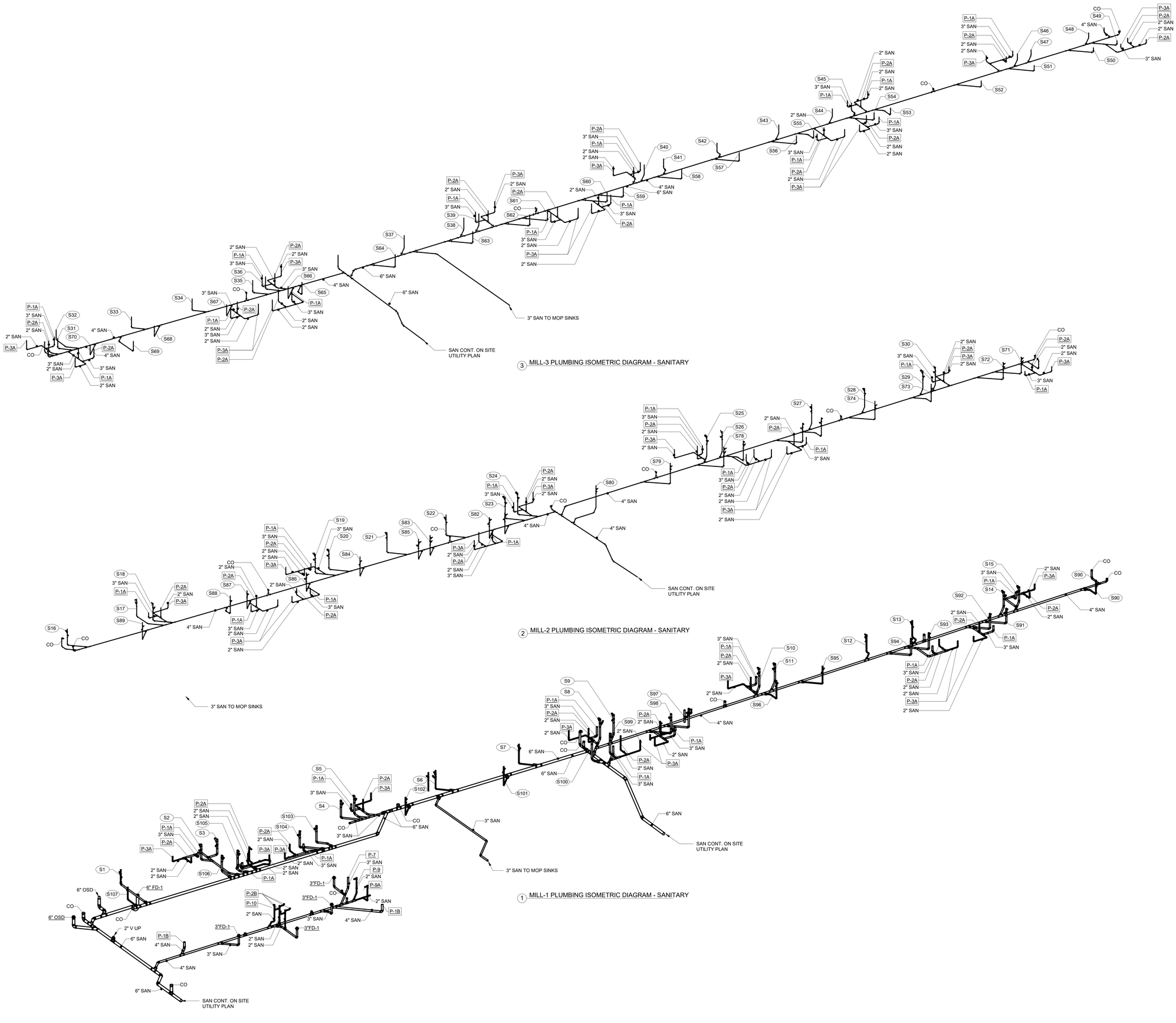
PROJECT DESCRIPTION
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
PLUMBING DETAILS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

P5.02

10/29/2020 7:36:30 PM C:\Users\rdrewel\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdrewel4JANQE.rvt



3 MILL-3 PLUMBING ISOMETRIC DIAGRAM - SANITARY

2 MILL-2 PLUMBING ISOMETRIC DIAGRAM - SANITARY

1 MILL-1 PLUMBING ISOMETRIC DIAGRAM - SANITARY

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

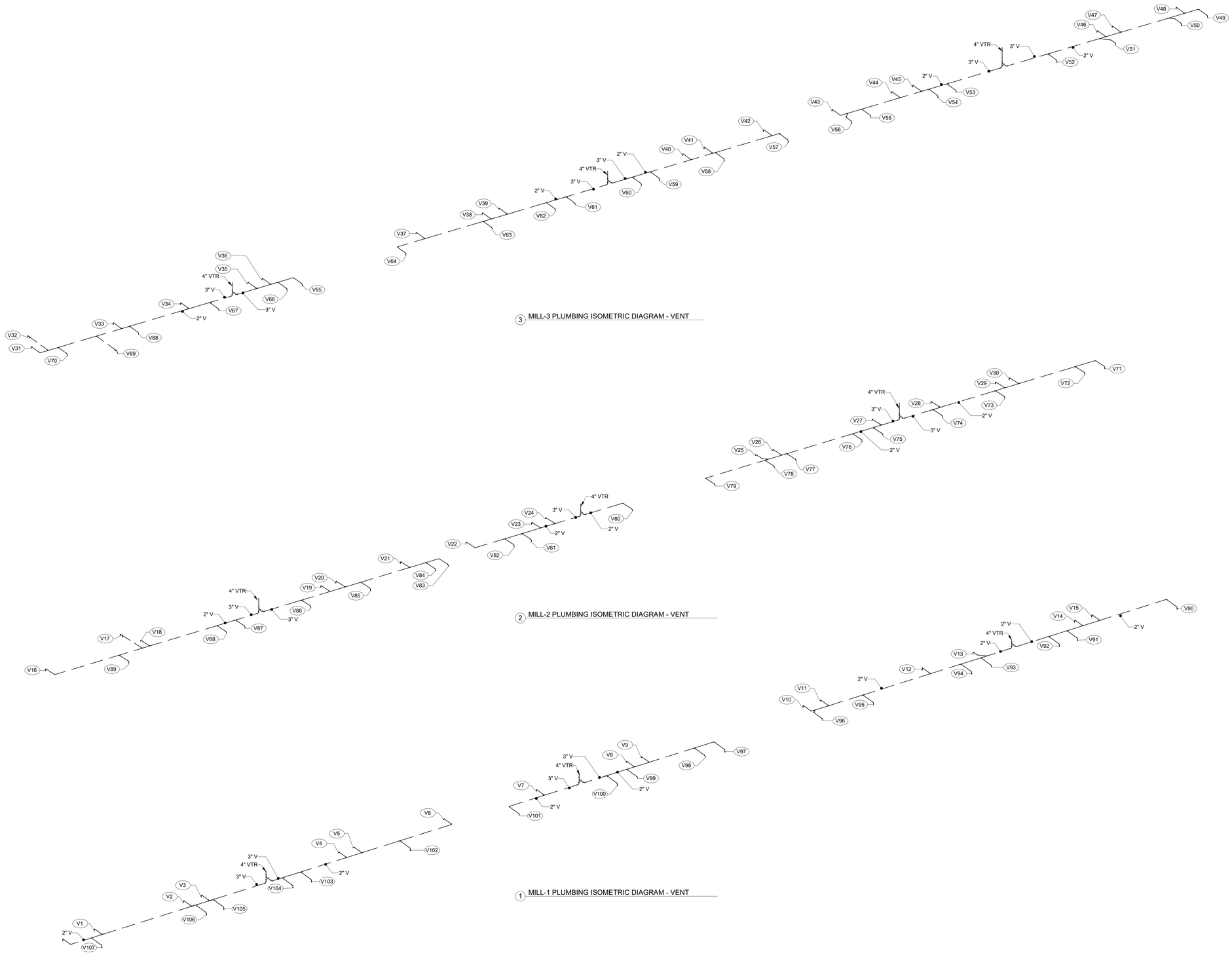
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
OVERALL SANITARY RISER DIAGRAM - MILL 1,2,3

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

P6.01

10/29/2020 7:09:36 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_vdinesh\JANDE.rvt



3 MILL-3 PLUMBING ISOMETRIC DIAGRAM - VENT

2 MILL-2 PLUMBING ISOMETRIC DIAGRAM - VENT

1 MILL-1 PLUMBING ISOMETRIC DIAGRAM - VENT

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

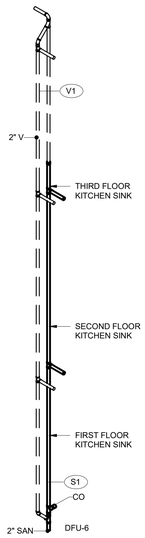
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
OVERALL VENT RISER DIAGRAM - MILL 1,2,3

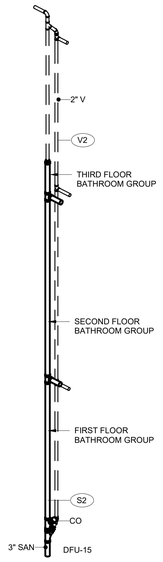
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	AJB/LDR	RTN

P6.02

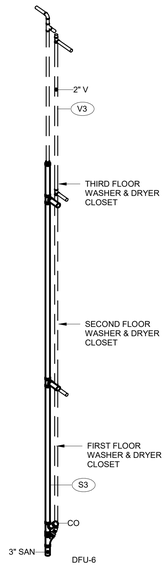
10/29/2020 7:09:38 PM C:\Users\rdiwan\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdiwanHJANQE.rvt



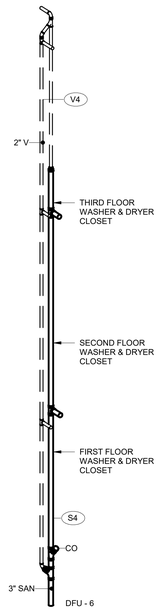
1 S1/V1 RISER



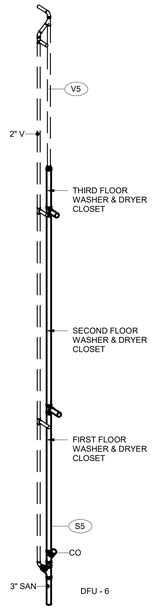
2 S2/V2 RISER



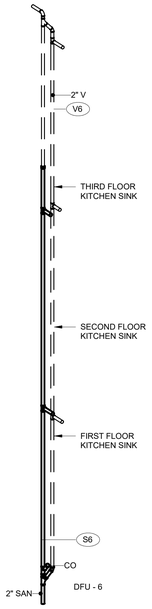
3 S3/V3 RISER



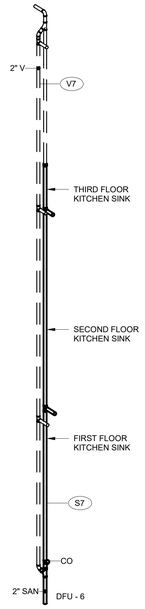
4 S4/V4 RISER



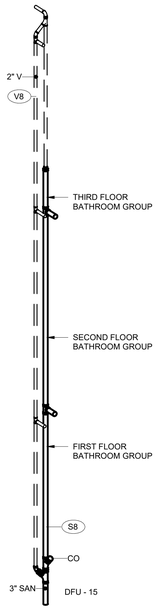
5 S5/V5 RISER



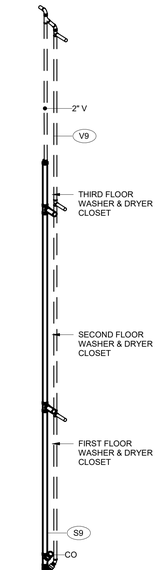
6 S6/V6 RISER



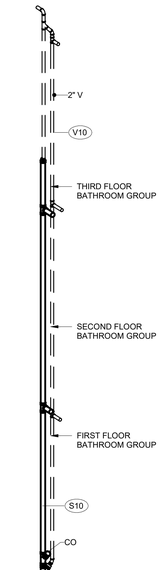
7 S7/V7 RISER



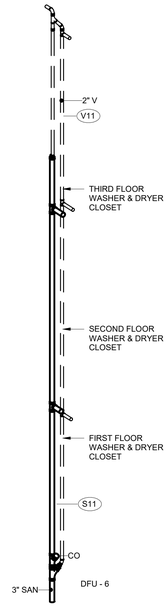
8 S8/V8 RISER



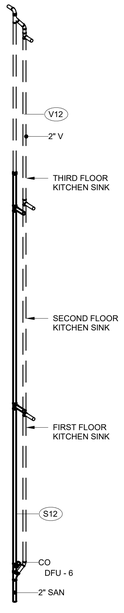
9 S9/V9 RISER



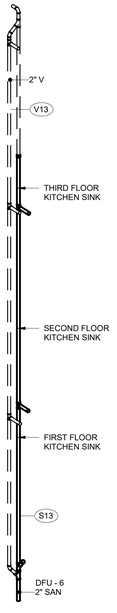
10 S10/V10 RISER



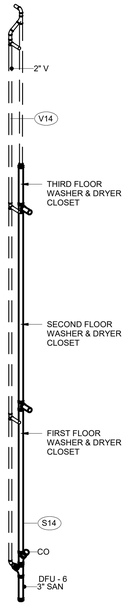
11 S11/V11 RISER



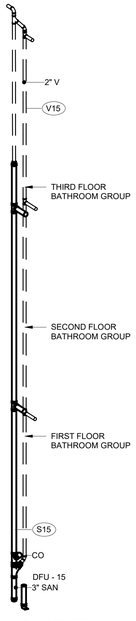
12 S12/V12 RISER



13 S13/V13 RISER

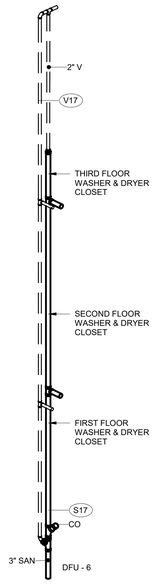


14 S14/V14 RISER

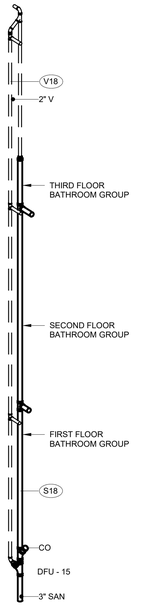


15 S15/V15 RISER

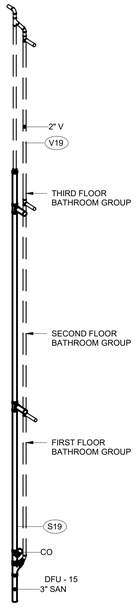
16 S16/V16 RISER



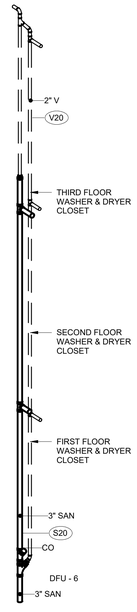
17 S17/V17 RISER



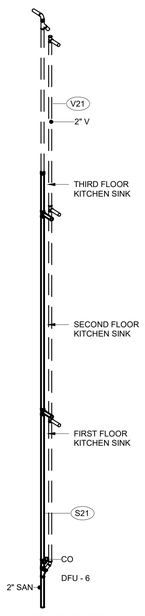
18 S18/V18 RISER



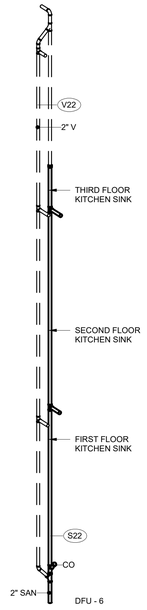
19 S19/V19 RISER



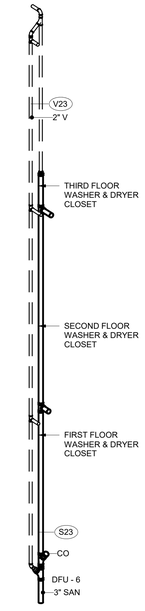
20 S20/V20 RISER



21 S21/V21 RISER



22 S22/V22 RISER



23 S23/V23 RISER

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

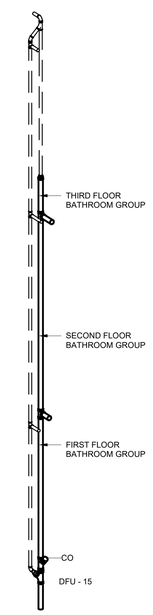
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
PLUMBING RISER DIAGRAM - MILL 1,2,3

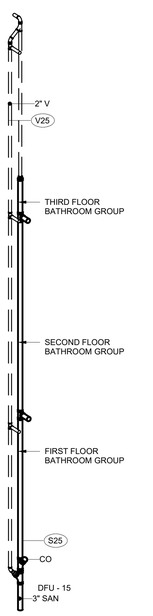
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	AJB/LDR	RTN

P6.03

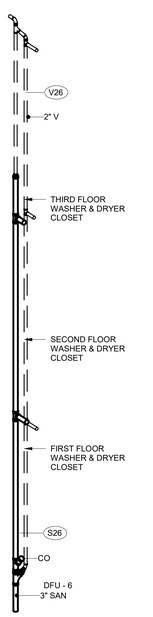
10/29/2020 7:09:45 PM C:\Users\rdineah\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdineah\HAANDE.rvt



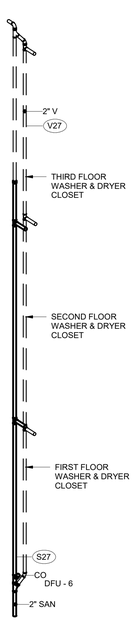
1 S24/V24 RISER



2 S25/V25 RISER

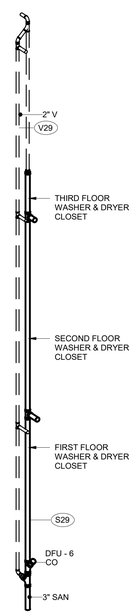


3 S26/V26 RISER

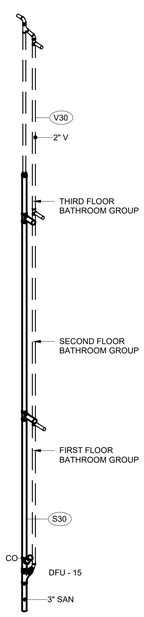


4 S27/V27 RISER

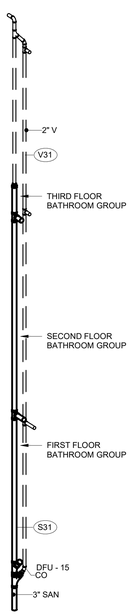
5 S28/V28 RISER



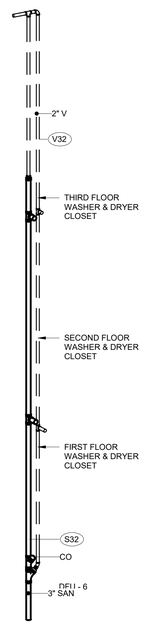
6 S29/V29 RISER



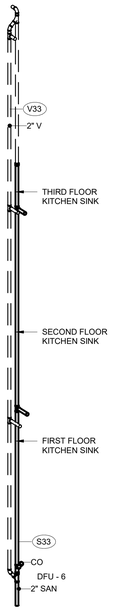
7 S30/V30 RISER



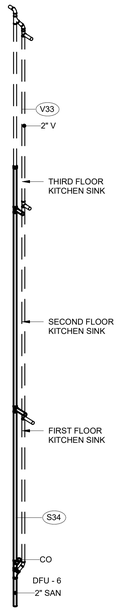
8 S31/V31 RISER



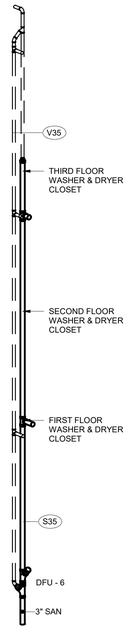
9 S32/V32 RISER



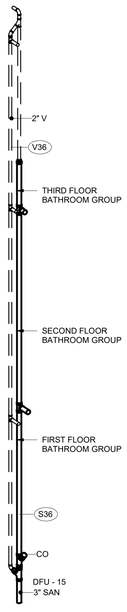
10 S33/V33 RISER



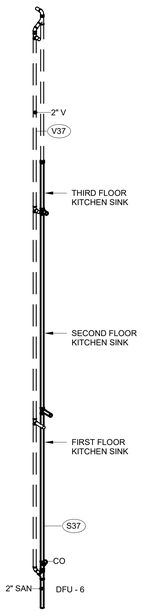
11 S34/V34 RISER



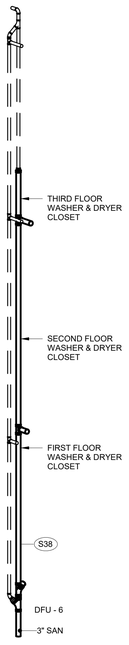
12 S35/V35 RISER



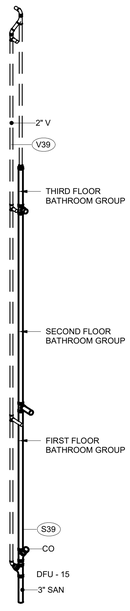
13 S36/V36 RISER



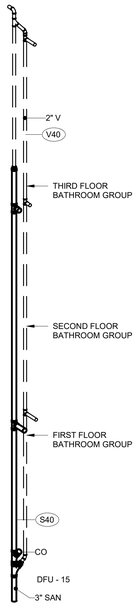
14 S37/V37 RISER



15 S38/V38 RISER

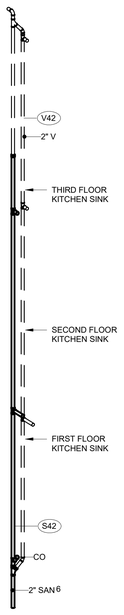


16 S39/V39 RISER



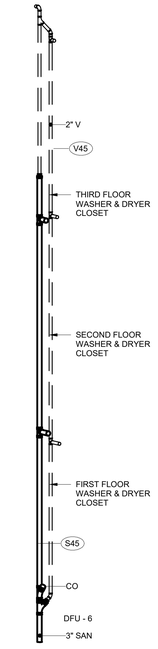
17 S40/V40 RISER

18 S41/V41 RISER

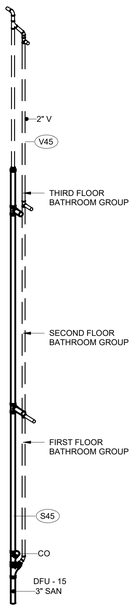


19 S42/V42 RISER

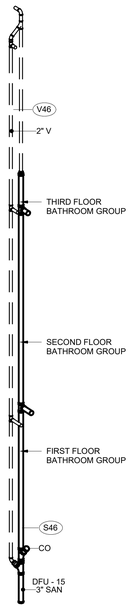
20 S43/V43 RISER



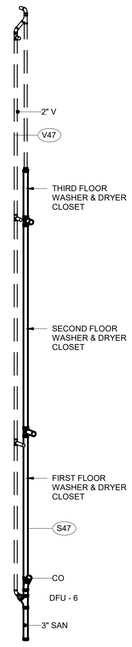
21 S44/V44 RISER



22 S45/V45 RISER



23 S46/V46 RISER



24 S47/V47 RISER

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

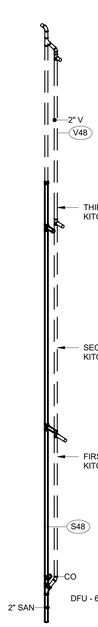
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
PLUMBING RISER DIAGRAM - MILL 1,2,3

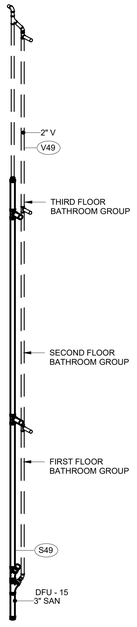
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

P6.04

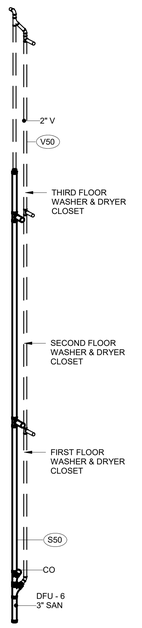
10/29/2020 7:08:51 PM C:\Users\rdrexel\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdrexelHJANQE.rvt



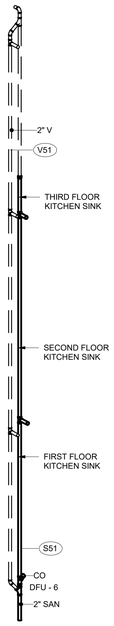
1 S48/V48 RISER



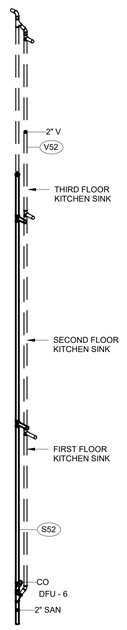
2 S49/V49 RISER



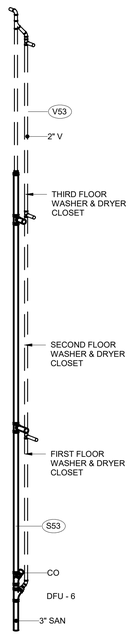
3 S50/V50 RISER



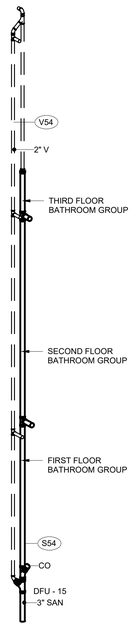
4 S51/V51 RISER



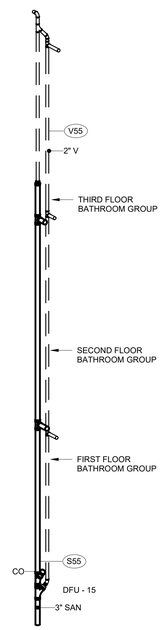
5 S52/V52 RISER



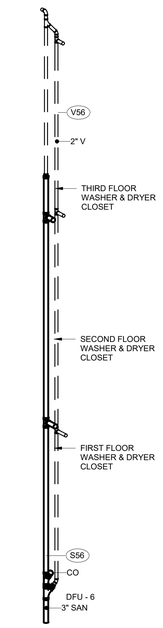
6 S53/V53 RISER



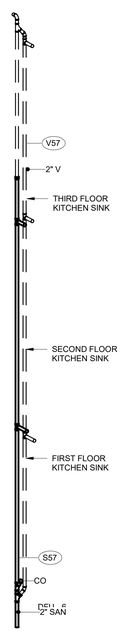
7 S54/V54 RISER



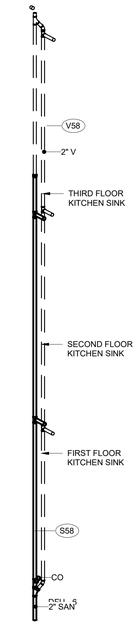
8 S55/V55 RISER



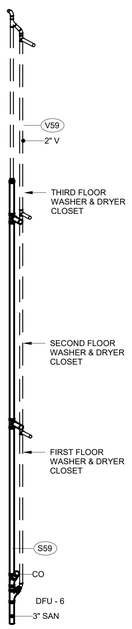
9 S56/V56 RISER



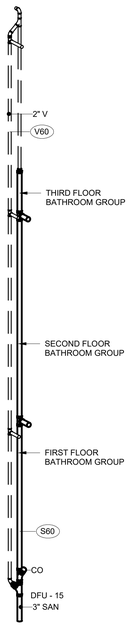
10 S57/V57 RISER



11 S58/V58 RISER

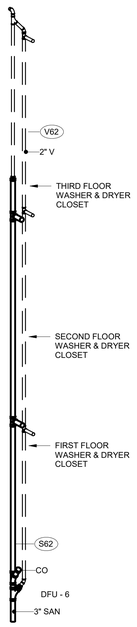


12 S59/V59 RISER

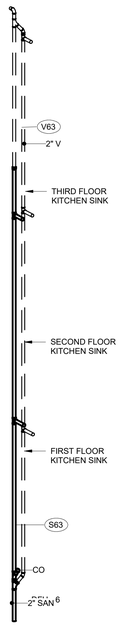


13 S60/V60 RISER

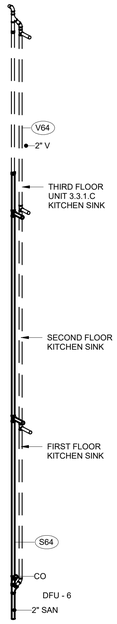
14 S61/V61 RISER



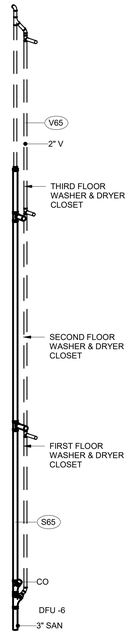
15 S62/V62 RISER



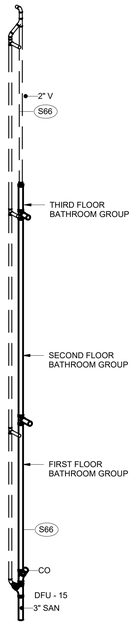
16 S63/V63 RISER



17 S64/V64 RISER

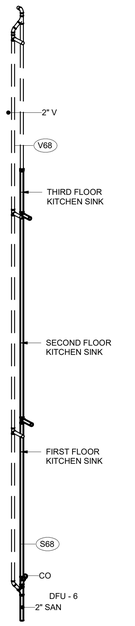


18 S65/V65 RISER

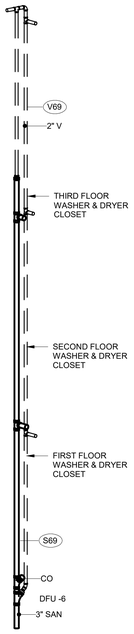


19 S66/V66 RISER

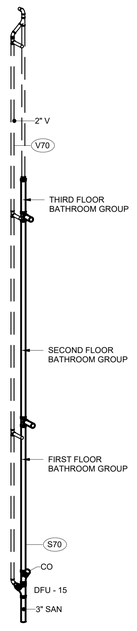
20 S67/V67 RISER



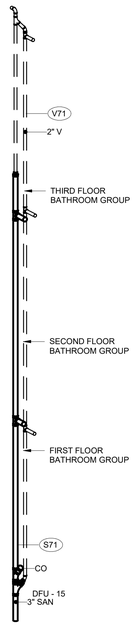
21 S68/V68 RISER



22 S69/V69 RISER



23 S70/V70 RISER



24 S71/V71 RISER

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

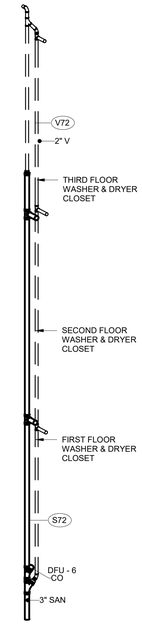
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
PLUMBING RISER DIAGRAM - MILL 1,2,3

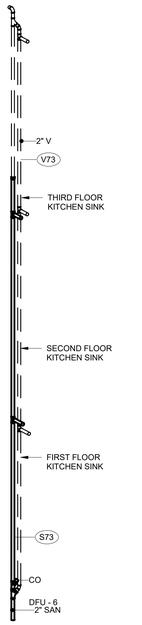
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	AJB/LDR	RTN

P6.05

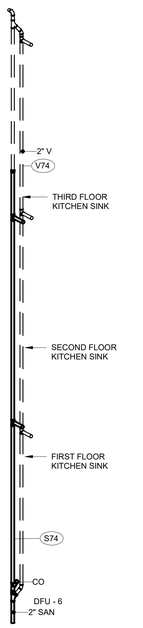
10/29/2020 7:05:58 PM C:\Users\rdineah\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdineah4ANQE.rvt



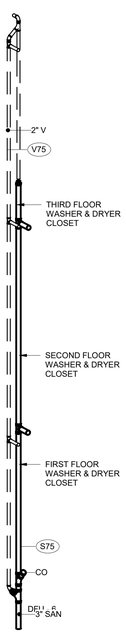
1 S72/V72 RISER



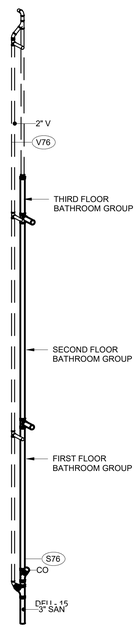
2 S73/V73 RISER



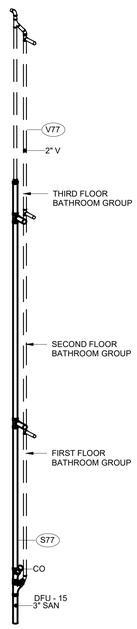
3 S74/V74 RISER



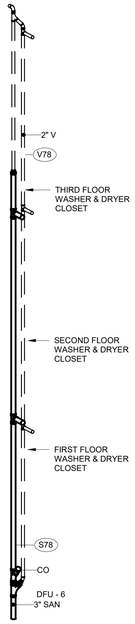
4 S75/V75 RISER



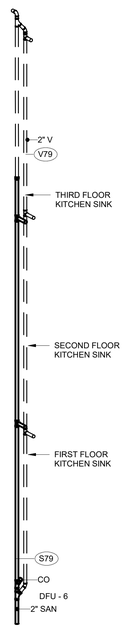
5 S76/V76 RISER



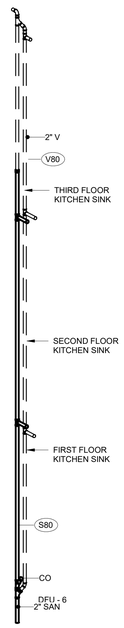
6 S77/V77 RISER



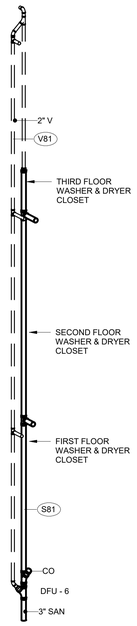
7 S78/V78 RISER



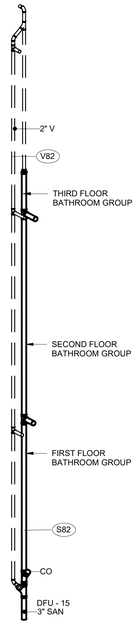
8 S79/V79 RISER



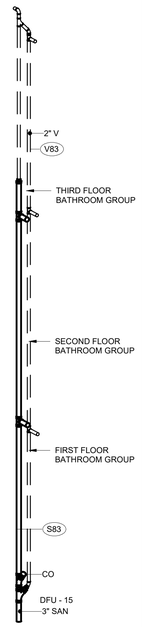
9 S80/V80 RISER



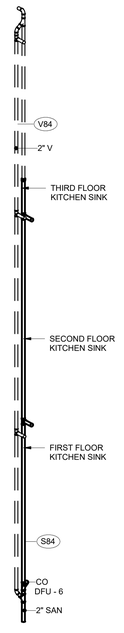
10 S81/V81 RISER



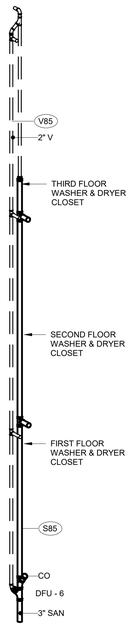
11 S82/V82 RISER



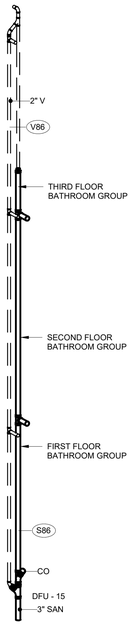
12 S83/V83 RISER



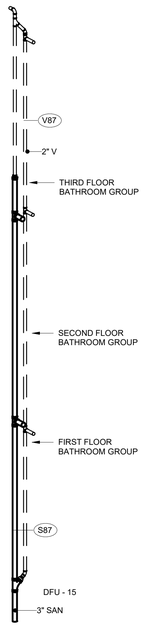
13 S84/V84 RISER



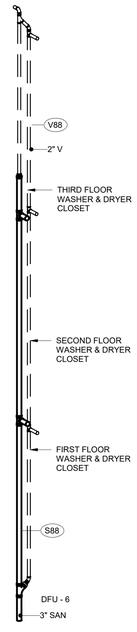
14 S85/V85 RISER



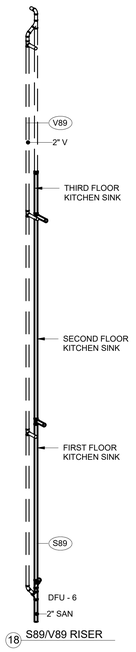
15 S86/V86 RISER



16 S87/V87 RISER

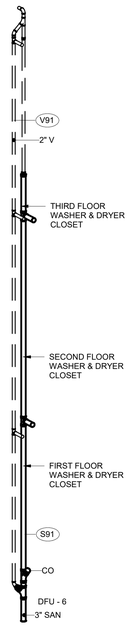


17 S88/V88 RISER

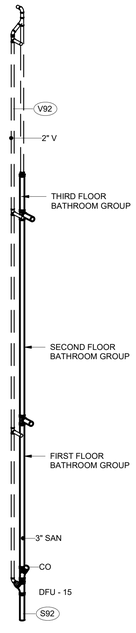


18 S89/V89 RISER

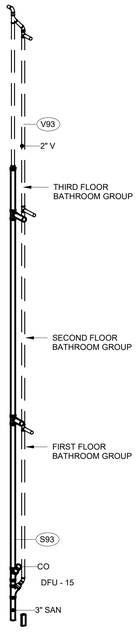
19 S90/V90 RISER



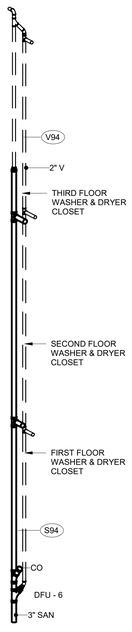
20 S91/V91 RISER



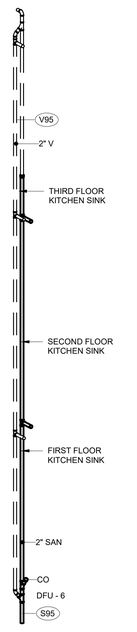
21 S92/V92 RISER



22 S93/V93 RISER



23 S94/V94 RISER



24 S95/V95 RISER

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

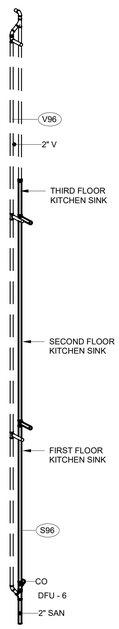
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
PLUMBING RISER DIAGRAM - MILL 1,2,3

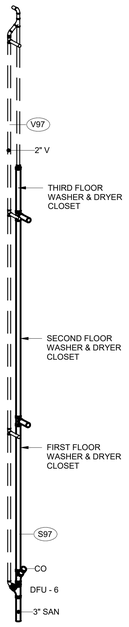
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

P6.06

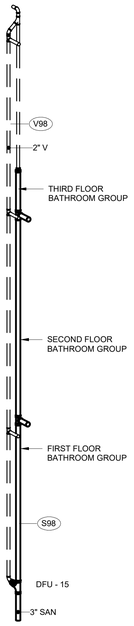
10/29/2020 7:10:05 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdinesh\HANDE.rvt



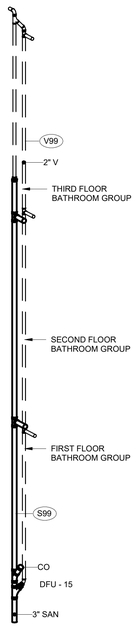
1 S96/V96 RISER



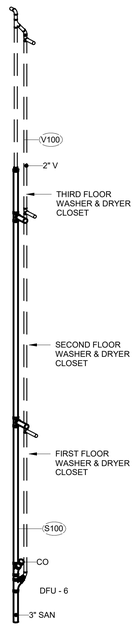
2 S97/V97 RISER



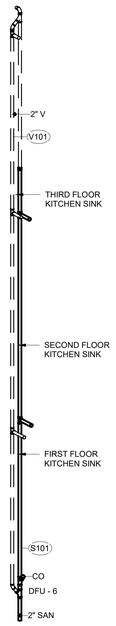
3 S98/V98 RISER



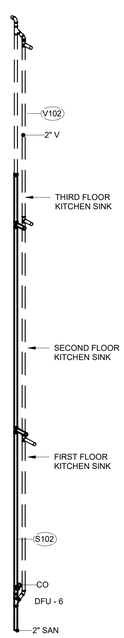
4 S99/V99 RISER



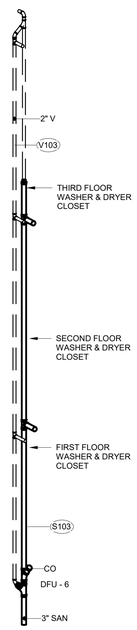
5 S100/V100 RISER



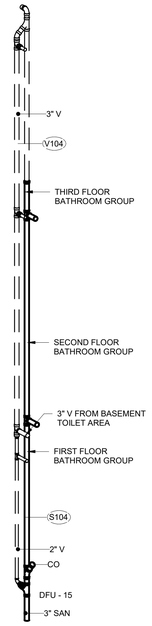
6 S101/V101 RISER



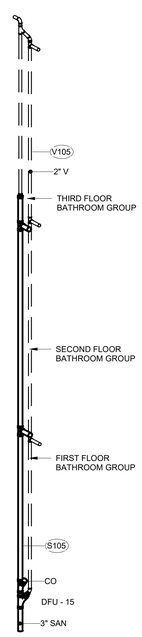
7 S102/V102 RISER



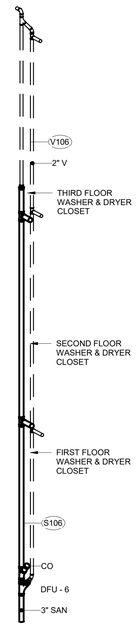
8 S103/V103 RISER



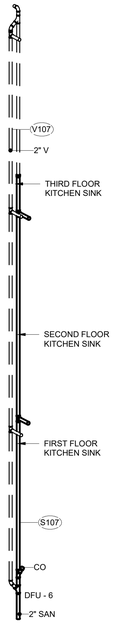
9 S104/V104 RISER



10 S105/V105 RISER



11 S106/V106 RISER



12 S107/V107 RISER

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

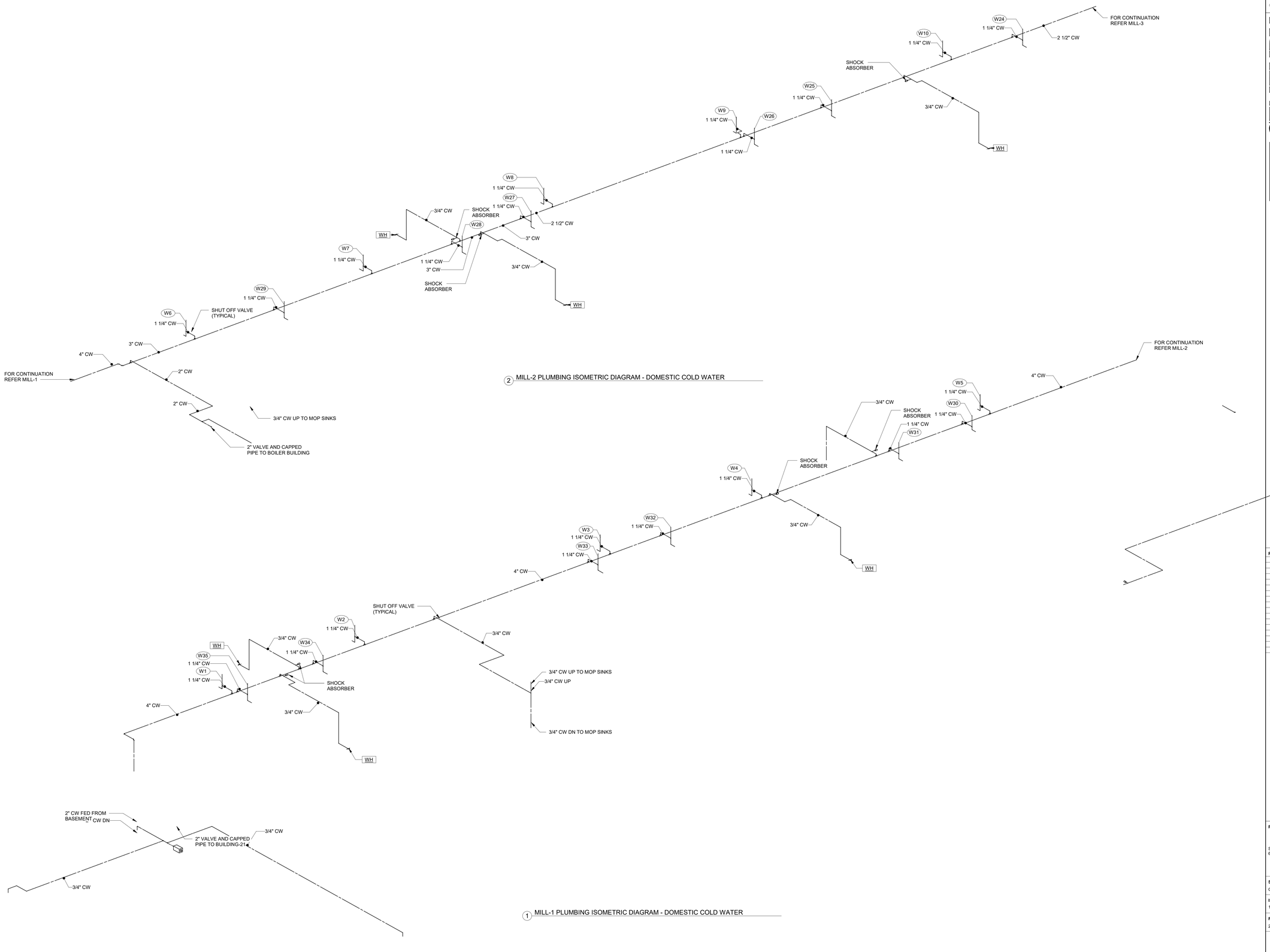
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
PLUMBING RISER DIAGRAM - MILL 1,2,3

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	AJB/LDR	RTN

P6.07

10/29/2020 7:10:09 PM C:\Users\rdineah\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdineah4ANDE.rvt



2 MILL-2 PLUMBING ISOMETRIC DIAGRAM - DOMESTIC COLD WATER

1 MILL-1 PLUMBING ISOMETRIC DIAGRAM - DOMESTIC COLD WATER

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

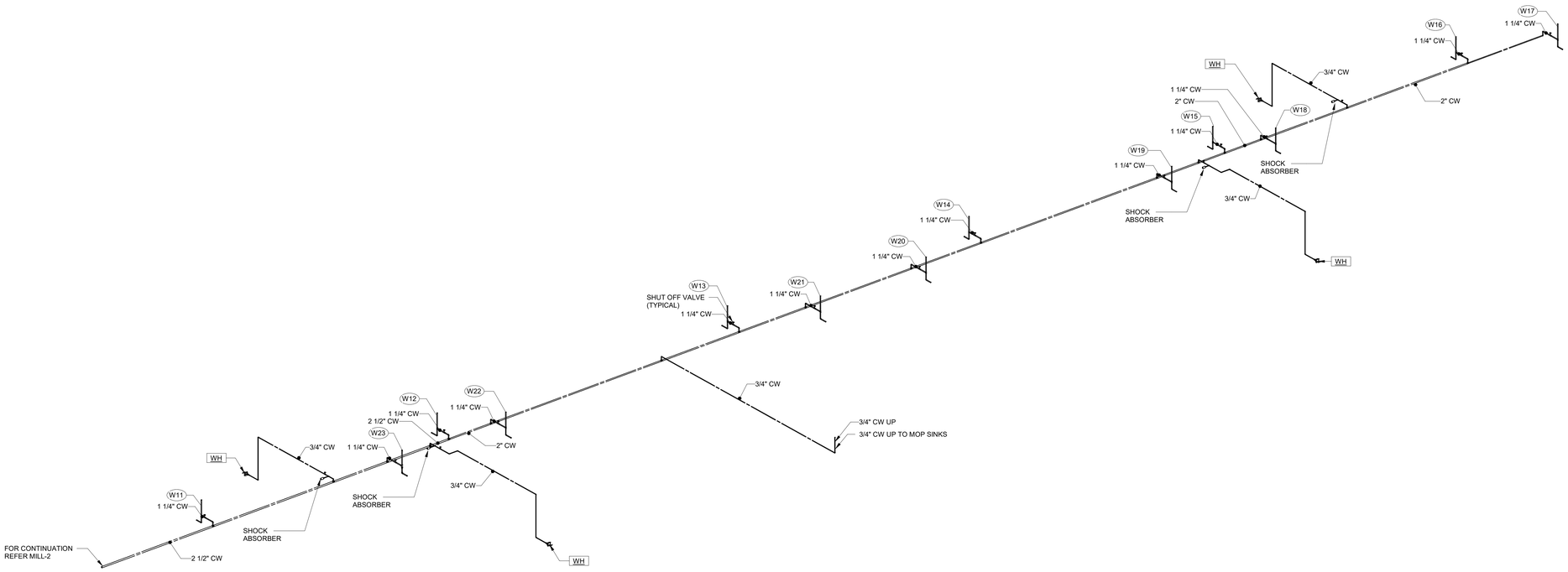
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
OVERALL DOMESTIC RISER DIAGRAM - MILL 1,2,3

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

P6.08

10/29/2020 7:10:10 PM C:\Users\rdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_vdinesh\JANOE.rvt



1 MILL-3 PLUMBING ISOMETRIC DIAGRAM - DOMESTIC COLD WATER

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

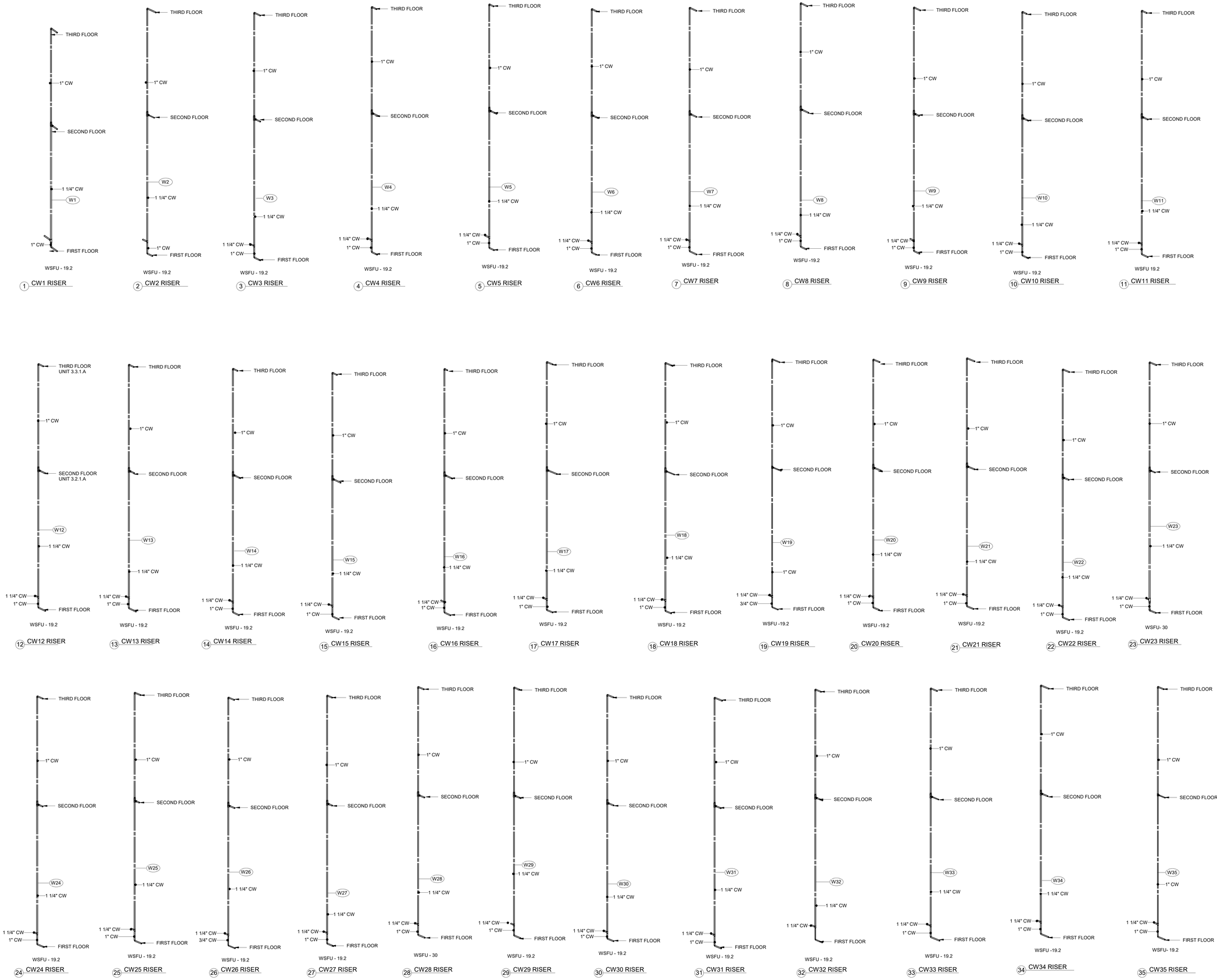
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
OVERALL DOMESTIC RISER DIAGRAM - MILL 1,2,3

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	AJB/LDR	RTN

P6.09

10/29/2020 7:10:12 PM C:\Users\rdrewin\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rvdrewin\AN2E.rvt



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
PLUMBING RISER DIAGRAM - MILL 1,2,3

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

P6.10

10/29/2020 7:10:12 PM C:\Users\rdrexel\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_rdrexelNJANQE.rvt

PLUMBING FIXTURE SCHEDULE - PHASE 1

DESIG.	DESCRIPTION	CW	HW	TRAP & ARM	WASTE	VENT	NOTES
P-1A	WATER CLOSET	1/2"	--	INTEGRAL	3"	1-1/2"	FLOOR MTD, FLUSH TANK, 1.6 GPF
P-1B	WATER CLOSET	1-1/2"	--	INTEGRAL	4"	2"	WALL MTD, FLUSH VALVE, 1.6 GPF
P-1C	WATER CLOSET	1-1/2"	--	INTEGRAL	4"	2"	ADA WALL MTD, FLUSH VALVE, 1.6 GPF
P-2	UNDER MOUNTED LAVATORY	1/2"	1/2"	1-1/4"	2"	1-1/2"	1.2 GPM FAUCET
P-2A	UNDER MOUNTED LAVATORY	1/2"	1/2"	1-1/4"	2"	1-1/2"	1.2 GPM FAUCET
P-2B	UNDER MOUNTED LAVATORY	1/2"	1/2"	1-1/4"	2"	1-1/2"	DECK MOUNTED, ACCESSIBLE,0.5GPM FAUCET
P-3A	SHOWER	1/2"	1/2"	2"	2"	1-1/2"	PAN WITH WALL PANELS, 2.0 GPM SHOWER HEAD
P-4	KITCHEN SINK	1/2"	1/2"	1-1/2"	2"	1-1/2"	1.8 GPM FAUCET
P-4A	KITCHEN SINK	1/2"	1/2"	1-1/2"	2"	1-1/2"	1.8 GPM FAUCET
P-5	DISHWASHER	--	1/2"	--	--	--	
P-6	WASHING MACHINE OUTLET BOX	1/2"	1/2"	2"	2"	1-1/2"	
P-7	MOP SINK	3/4"	3/4"	3"	3"	1-1/2"	
P-8	WATER COOLER	1/2"	--	1-1/4"	2"	1-1/2"	W/ BOTTLE FILLER
P-9	URINAL	3/4"	--	INTEGRAL	2"	1-1/2"	
P-9A	URINAL	3/4"	--	INTEGRAL	2"	1-1/2"	ADA WALL MTD

PLUMBING FIXTURE SPECIFICATIONS

PLUMBING FIXTURE SPECIFICATIONS (DIV. 22)

P-1A WATER CLOSET:
ELONGATED SYPHON JET BOWL WITH CLOSE COUPLED GRAVITY FLOW TANK, WHITE VITREOUS CHINA BOWL WITH 15" RIM AND FLOOR OUTLET FOR 12" ROUGH-IN, FITTED WITH BOLT CAPS, WHEEL HANDLE STOP VALVE, SUPPLY PIPE AND FLEXIBLE RISER. CLOSET SHALL FLUSH ON 1.6 GALLONS. WATER CLOSET SHALL BE KOHLER (HIGHLINE K-3979), AMERICAN STANDARD, CRANE, OR ELJER.

SEAT - WHITE SOLID PLASTIC CLOSED FRONT SEAT WITH COVER SHALL BE CHURCH - 380TL, OLSONITE, OR BENEKE.

P-1B WATER CLOSET:
WHITE WALL HUNG ELONGATED SYPHON JET ACTION VITREOUS CHINA BOWL PROVIDED WITH BOLT CAPS. FIXTURE SHALL BE DESIGNED TO FLUSH WITH 1.6 GALLONS AT 25 PSI. PROVIDE FIXTURE WITH THE APPROPRIATE CARRIER SYSTEM TO ACCOMMODATE THE PIPING ARRANGEMENT AND WALL CAVITY RESTRICTIONS. WATER CLOSET SHALL BE AMERICAN STANDARD (AFWALL MILLENNIUM FLOWISE - 3351.101), CRANE, ELJER, OR KOHLER.

FLUSH VALVE - NON-HOLD OPEN DIAPHRAGM TYPE WITH 11" FLUSH PIPE, SCREWDRIVER STOP AND VACUUM BREAKER WITH WALL MOUNTED, HARD WIRED SENSOR OPERATOR. PROVIDE WITH SYNTHETIC RUBBER DIAPHRAGM AND DUAL FILTERED BY-PASS, AND HIGH-PRESSURE VACUUM BREAKER. FLUSH VALVE TO OPERATE ON 1.6 GALLONS PER FLUSH AT 25 PSI. FLUSH VALVE SHALL BE SLOAN (111 ESS-1.6-OR-HW).

SEAT - WHITE INSTITUTIONAL WEIGHT INJECTION MOLDED SOLID PLASTIC WITH OPEN FRONT CONTOUR SEAT WITH CHECK AND SELF-SUSTAINING HINGE SHALL BE CHURCH - 9400SSC, OLSONITE, OR BENEKE.

P-1C WATER CLOSET:
WHITE WALL HUNG ELONGATED SYPHON JET ACTION VITREOUS CHINA BOWL MOUNTED AT ADA COMPLIANT HEIGHT AND PROVIDED WITH BOLT CAPS. FIXTURE SHALL BE DESIGNED TO FLUSH WITH 1.6 GALLONS AT 25 PSI. PROVIDE FIXTURE WITH THE APPROPRIATE CARRIER SYSTEM TO ACCOMMODATE THE PIPING ARRANGEMENT AND WALL CAVITY RESTRICTIONS. WATER CLOSET SHALL BE AMERICAN STANDARD (AFWALL MILLENNIUM FLOWISE - 3351.101), CRANE, ELJER, OR KOHLER.

FLUSH VALVE - NON-HOLD OPEN DIAPHRAGM TYPE WITH 11" FLUSH PIPE, SCREWDRIVER STOP AND VACUUM BREAKER WITH WALL MOUNTED, HARD WIRED SENSOR OPERATOR. PROVIDE WITH SYNTHETIC RUBBER DIAPHRAGM AND DUAL FILTERED BY-PASS, AND HIGH-PRESSURE VACUUM BREAKER. FLUSH VALVE TO OPERATE ON 1.6 GALLONS PER FLUSH AT 25 PSI. FLUSH VALVE SHALL BE SLOAN (111 ESS-1.6-OR-HW).

SEAT - WHITE INSTITUTIONAL WEIGHT INJECTION MOLDED SOLID PLASTIC WITH OPEN FRONT CONTOUR SEAT WITH CHECK AND SELF-SUSTAINING HINGE SHALL BE CHURCH - 9400SSC, OLSONITE, OR BENEKE.

P-2 LAVATORY:
19.25" X 15.75" WHITE VITREOUS CHINA OVAL UNDER COUNTER MOUNTED LAVATORY FITTED WITH WHEEL HANDLE STOP VALVES, FLEXIBLE SUPPLY PIPE RISERS, AND ADJUSTABLE P TRAP WITH CLEANOUT, TRAP NIPPLE AND ESCUTCHEON. LAVATORY SHALL BE AMERICAN STANDARD (OVALYN - 9482.000), CRANE, ELJER, OR KOHLER.

FAUCET - SINGLE CARTRIDGE LOW LEAD SELF-LUBRICATING, SINGLE LEVER WITH METAL LIFT ROD AND POP UP DRAIN, AERATOR AND 1.2 GPM FLOW RESTRICTOR SHALL BE DELTA (559LF-PP), MOEN (CHATEAU – L4635), AMERICAN STANDARD, CRANE, OR KOHLER.

P-2A LAVATORY:
19.25" X 15.75" WHITE VITREOUS CHINA OVAL UNDER COUNTER MOUNTED LAVATORY FITTED WITH WHEEL HANDLE STOP VALVES, FLEXIBLE SUPPLY PIPE RISERS, AND ADJUSTABLE P TRAP WITH CLEANOUT, TRAP NIPPLE AND ESCUTCHEON. LAVATORY SHALL BE AMERICAN STANDARD (OVALYN - 9482.000), CRANE, ELJER, OR KOHLER.

FAUCET - SINGLE CARTRIDGE LOW LEAD SELF-LUBRICATING, SINGLE LEVER WITH METAL LIFT ROD AND POP UP DRAIN, AERATOR AND 1.2 GPM FLOW RESTRICTOR SHALL BE DELTA (559LF-PP), MOEN, AMERICAN STANDARD, CRANE, OR KOHLER.

SUPPLY PIPES AND DRAIN SHALL BE PROTECTED BY 3/16" THICK WHITE MOLDED ALL VINYL INTERNALLY RIBBED INSULATION WITH ACCESS FOR STOP VALVES, TRAP, ETC. SHALL BE TRUEBRO LAV GUARD 2 E-Z.

P-2B LAVATORY:
19.25" X 15.75" WHITE VITREOUS CHINA OVAL UNDER COUNTER MOUNTED LAVATORY FITTED WITH WHEEL HANDLE STOP VALVES, FLEXIBLE SUPPLY PIPE RISERS, AND ADJUSTABLE P TRAP WITH CLEANOUT, TRAP NIPPLE AND ESCUTCHEON. LAVATORY SHALL BE AMERICAN STANDARD (OVALYN - 9482.000), CRANE, ELJER, OR KOHLER.

FAUCET - FAUCET HARD WIRED SENSOR OPERATED METERING SLOW CLOSING WITH ADA COMPLIANT HOODED OPERATOR, FLOW RESTRICTOR FOR 0.5 GPM AND GRID STRAINER SHALL BE SLOAN (SF-2300-PLG-BDM-CP-0.5GPM-MLM-IR-FCT), CHICAGO FAUCET, OR SPEAKMAN.

SUPPLY PIPES AND DRAIN SHALL BE PROTECTED BY 3/16" THICK WHITE MOLDED ALL VINYL INTERNALLY RIBBED INSULATION WITH ACCESS FOR STOP VALVES, TRAP, ETC. SHALL BE TRUEBRO LAV GUARD 2 E-Z.

P-3A SHOWER:
SHOWER DRAIN IS SPECIFIED UNDER FLOOR DRAINS.

SHOWER PAN – ONE PIECE 60"X 37" SHOWER PAN SHALL BE CONSTRUCTED OF GELCOAT OR FIBER GLASS SHALL BE BEST BATH SYSTEMS – REMODELER (P6036), AMERICAN STANDARD, OR KOHLER.

SHOWER HEAD/VALVE - LEVER HANDLE, SINGLE CONTROL, PRESSURE BALANCING, FOUR-PORT VALVE WITH INTEGRAL STOPS ATTACHED. FACEPLATE, DROP ELL SHALL BE CHROME PLATED. WALL MOUNTED SHOWERHEAD SHALL BE LIMITED TO 2.5 GPM. SHOWER SHALL BE DELTA T14053 HANDLE AND R10000 VALVE BODY W/ SPEAKMAN S-2005-H SHOWER HEAD, MOEN OR AMERICAN STANDARD.

P-4 KITCHEN SINK:
SINGLE COMPARTMENT 18-GAUGE, TYPE 316 STAINLESS STEEL UNDERMOUNT SINK. SINK BOWL SHALL BE 18 X 14 X 7-7/8 INCHES DEEP. PROVIDE CAST BRASS P TRAP AND WATER STOP VALVES.
KITCHEN SINK SHALL BE ELKAY (ELUH1814), OR JUST.

FAUCET - SINGLE LEVER FAUCET WITH 8 INCH SWIVEL SPOUT AND AERATOR SHALL BE DELTA (9113-DST), MOEN, ELKAY, OR JUST.
DRAIN - STAINLESS STEEL BODY WITH CRUMB STRAINER AND TAILPIECE SHALL BE ELKAY (LKJ-35), OR JUST.

P-4A KITCHEN SINK (ADA):
SINGLE COMPARTMENT 18-GAUGE, TYPE 316 STAINLESS STEEL UNDERMOUNT SINK. SINK BOWL SHALL BE 19 X 146 X 5-3/8 INCHES DEEP. PROVIDE CAST BRASS P TRAP AND WATER STOP VALVES.
KITCHEN SINK SHALL BE ELKAY (ELUHAD191655), OR JUST.

FAUCET - SINGLE LEVER FAUCET WITH 8 INCH SWIVEL SPOUT AND AERATOR SHALL BE DELTA (9113 – DST), MOEN, ELKAY, OR JUST.

DRAIN - STAINLESS STEEL BODY WITH CRUMB STRAINER AND TAILPIECE SHALL BE ELKAY (LKJ-35), OR JUST.

P-5 DISHWASHER:
PROVIDED UNDER ANOTHER DIVISION.

P-6 WASHING MACHINE OUTLET BOX:
WASHING MACHINE STANDPIPE BOX SUITABLE FOR FLUSH MOUNTING. BOX SHALL BE CONSTRUCTED OF 16 GAUGE STEEL WITH CORROSION RESISTANT EPOXY FINISH AND SHALL HAVE OPENINGS FOR 2 INCH STANDPIPE WITH OVERFLOW GUARD, SUPPLY COLD WATER AND HOT WATER. PROVIDE "DUO-CLOZ" BALL VALVE ASSEMBLY WITH HOSE ENDS TO CONTROL HOT AND COLD-WATER SUPPLIES WITH A SINGLE LEVER. PROVIDE VACUUM BREAKERS AND HAMMER ARRESTORS ON HOT AND COLD-WATER SUPPLIES. OUTLET BOX SHALL BE GUY GREY (B SERIES), SYMMONS, WATERTIGHT, OR OATEY.

P-7 MOP SINK:
32 X 32 INCH PRE-CAST MOLDED STONE BASIN WITH 12 INCH HIGH SIDES, CAST-IN STRAINER, AND VINYL BUMPERS ON EXPOSED SIDES, AND STAINLESS STEEL WALL GUARDS. SERVICE SINK SHALL BE FIAT (TSBC1611), STERN WILLIAMS OR APPROVED EQUAL.

FAUCET - WALL MOUNTED WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK, AND HOSE END SHALL BE MOEN (8124), FIAT, OR STERN WILLIAMS.

HOSE AND HOSE BRACKET - HEAVY DUTY HOSE WITH CHROME COUPLING AND STAINLESS-STEEL BRACKET WITH RUBBER GRIP SHALL BE FIAT (832-AA), OR STERN WILLIAMS.

MOP HANGER - STAINLESS STEEL BRACKET WITH 3 RUBBER GRIPS SHALL BE FIAT (889-CC), OR STERN WILLIAMS

P-8 WATER COOLER:
TWO LEVEL, ADA COMPLIANT, SURFACE MOUNTED WALL HUNG BARRIER FREE REFRIGERATED WATER COOLER WITH PUSH BAR CONTROL AND BOTTLE FILLER. COOLER SHALL HAVE A STANDARD INDUSTRY RATING OF NOT LESS THAN 8.0 GALLONS PER HOUR. REFRIGERATION UNIT SHALL BE HERMETICALLY SEALED AIR-COOLED UNIT SUITABLE FOR 120 VOLT PLUG IN OPERATION AND GUARANTEED FOR FIVE YEARS. REFRIGERATION UNIT SHALL BE LOCATED BELOW SPLASH BASIN. BASIN SHALL BE STAINLESS STEEL WITH CHROME PLATED LEAD-FREE STREAM REGULATED BUBBLER AND FRONT PUSH BAR. VINYL CABINET TRIM COLOR SHALL BE SELECTED BY THE ARCHITECT FROM STANDARD FACTORY COLORS. PROVIDE WITH P TRAP AND WATER STOP VALVE. WATER COOLER SHALL BE ELKAY (LMABFTL8WSLK), HALSEY TAYLOR, OR HAWS.

P-9 URINAL:
WHITE VITREOUS CHINA, SYPHON JET ACTION, WALL HUNG URINAL WITH EXTENDED SHIELDS AND 3/4" TOP SPUD TO OPERATE ON 0.5 GALLON PER FLUSH. PROVIDE WITH WALL HANGER. URINAL SHALL BE AMERICAN STANDARD (WASHBROOK FLOWISE - 6590.001EC), CRANE, ELJER, OR KOHLER.

FLUSH VALVE - NON-HOLD OPEN DIAPHRAGM TYPE WITH SCREWDRIVER STOP, VACUUM BREAKER WITH WALL MOUNTED, HARD WIRED SENSOR OPERATOR TO OPERATE ON 0.5 GALLON PER FLUSH.
FLUSH VALVE SHALL BE SLOAN (186 ESS-0.5-HW) OR APPROVED EQUAL.

P-9A URINAL (ADA):
WHITE VITREOUS CHINA, SYPHON JET ACTION, WALL HUNG URINAL WITH EXTENDED SHIELDS AND 3/4" TOP SPUD TO OPERATE ON 0.5 GALLON PER FLUSH. PROVIDE WITH WALL HANGER AND MOUNT AT ADA COMPLIANT HEIGHT. URINAL SHALL BE AMERICAN STANDARD (WASHBROOK FLOWISE - 6590.001EC), CRANE, ELJER, OR KOHLER.

FLUSH VALVE - NON-HOLD OPEN DIAPHRAGM TYPE WITH SCREWDRIVER STOP, VACUUM BREAKER WITH WALL MOUNTED, HARD WIRED SENSOR OPERATOR TO OPERATE ON 0.5 GALLON PER FLUSH.
FLUSH VALVE SHALL BE SLOAN (186 ESS-0.5-HW) OR APPROVED EQUAL.

FIRE PUMP SCHEDULE

DESIG.	SERVING	NOMINAL PUMP FLOW	PUMP HEAD	MOTOR HP	MOTOR RPM	VOLTAGE	PHASE	BASIS OF DESIGN	SERIES
FP-1	FIRE STANDPIPES	1250 GPM	133 psi	150	3550	480 V	3	PEERLESS PUMP	6AEF10

NOTE: FIRE PUMP SHALL BE ABLE TO PERFORM AT 1500 GPM @ 128PSI

JOCKEY PUMP SCHEDULE

DESIG.	SERVING	PUMP FLOW	PUMP HEAD	MOTOR HP	MOTOR RPM	VOLTAGE	PHASE	MANUFACTURER	SERIES
JP-1	SPRINKLER SYSTEM	7.5 GPM	140.00 psi	1-1/2	3450	208 V	3	GRUNDFOS	CR 1-13

(ADD ALTERNATE) DOMESTIC BOOSTER PUMP SCHEDULE

											EXPANSION TANK				
DESIG.	SERVING	PUMP FLOW	PUMP HEAD	MOTOR HP	MOTOR RPM	VOLTAGE	PHASE	BASIS OF DESIGN	SERIES	REMARKS	DESIG	TANK VOLUME	MAX ACCEPTANCE FACTOR	MANUFACTURER	SERIES
DBP-1	DOMESTIC SYSTEM	422 GPM (3 @ 140)	81 psi	3 @ 5 HP	3588	208 V	3	GRUNDFOS	HYDRO MPC	SINGLE POINT CONNECTION AT TRIPLEX CONTROLLER	ET-2	34	1.0	AMTROL	ST

DOMESTIC WATER HEATER SCHEDULE - PHASE 1

										EXPANSION TANK				
DESIG.	SERVING	STORAGE CAPACITY (GAL.)	RECOVERY RATE (GPH)	TEMP RISE	WATTS	VOLTAGE	PHASE	MANUFACTURER	SERIES	DESIG	TANK VOLUME	MAX ACCEPTANCE FACTOR	MANUFACTURER	SERIES
DWH-1	1-BATH APARTMENT	40.0 gal	18	100 DEG. F	4500.0	208 V	1	BRADFORD WHITE	LE	ET-1	2.0 GAL.	0.45	AMTROL	ST
DWH-2	2-BATH APARTMENT	50.0 gal	18	100 DEG. F	4500.0	208 V	1	BRADFORD WHITE	LE	ET-1	2.0 GAL.	0.45	AMTROL	ST
DWH-3	BASEMENT BATHROOMS	10.0 gal	10	100 DEG. F	2500.0	208 V	1	BRADFORD WHITE	LE	ET-1	2.0 GAL.	0.45	AMTROL	ST
DWH-4	JANITOR ROOM (MILL-1)	20.0 gal	12	100 DEG. F	3000.0	208 V	1	BRADFORD WHITE	LE	ET-1	2.0 GAL.	0.45	AMTROL	ST
DWH-5	JANITOR ROOM (MILL-3)	20.0 gal	12	100 DEG. F	3000.0	208 V	1	BRADFORD WHITE	LE	ET-1	2.0 GAL.	0.45	AMTROL	ST

SUMP PUMP SCHEDULE - PHASE 1

DESIG.	SERVING	GPM	PUMP HEAD (FT.)	HP	RPM	VOLTAGE	PHASE	MANUFACTURER	SERIES	NOTES
SP-1	ELEVATOR	50 GPM	25	1	3450	208 V	1	STANCOR	SV SERIES	
SP-2	ELEVATOR	50 GPM	25	1	3450	208 V	1	STANCOR	SV SERIES	
SP-3	ELEVATOR	50 GPM	25	1	3450	208 V	1	STANCOR	SV SERIES	

CIRCULATOR PUMP SCHEDULE

DESIG.	SERVING	GPM	PUMP HEAD (FT.)	HP	RPM	VOLTAGE	PHASE	MANUFACTURER	SERIES	NOTES
CP-1	DWH-4	1.0 GPM	2.0	1/40	3250	120 V	1	TACO	00	

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
SCHEDULES - PLUMBING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	AJB/LDR	RTN

P7.01

10/29/2020 7:10:17 PM C:\Users\vdinesh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_vdineshU4NQE.rvt

GENERAL NOTES - DIVISION 26

1. DRAWINGS SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS AND MOUNTING HEIGHTS OF FIXTURES AND SPECIFIC DEVICES.
2. COORDINATE WORK WITH OTHER TRADES. ARCHITECTURAL, STRUCTURAL, MECHANICAL AND OTHER DRAWINGS AND SPECIFICATIONS SHALL BE CONSULTED AND COORDINATED WITH PRIOR TO ROUGH-IN.
3. WHEREVER POSSIBLE, OBTAIN ACTUAL ROUGH-IN DRAWINGS FOR ACTUAL ITEM OF EQUIPMENT TO BE INSTALLED PRIOR TO ROUGH-IN. THIS SHALL APPLY TO EQUIPMENT, WHETHER IT IS TO BE INSTALLED BY CONTRACTOR OR BY OWNER.
4. NEW ELECTRICAL WORK INSTALLED IN FINISHED AREAS SHALL BE INSTALLED CONCEALED WITHIN NEW OR EXISTING WALLS, FLOORS OR CEILINGS. PROVIDE CUTTING AND PATCHING OF SURFACES. SURFACE RACEWAYS SHALL BE PERMITTED IN FINISHED AREAS ONLY WHERE SPECIFICALLY APPROVED IN THE FIELD BY ARCHITECT.
5. PRIOR TO PURCHASE AND INSTALLATION OF ANY MOTOR CONTROL EQUIPMENT (STARTERS, ETC.), VERIFY ACTUAL MOTOR ELECTRICAL CHARACTERISTICS. STARTER OVERLOADS SHALL BE SIZED IN ACCORDANCE WITH ACTUAL MOTOR RUNNING LOAD AMPERES.
6. WHERE LIGHT SWITCHES ARE SHOWN GROUPED TOGETHER, GROUP TOGETHER UNDER MULTIGANG PLATE. WHERE DIMMER SWITCHES ARE USED, SELECTION OF CAPACITY SHALL BE BASED ON LOAD SERVED AND ANY DERATING REQUIRED DUE TO GANGING OF SWITCHES.
7. PROVIDE TYPED CIRCUIT DIRECTORIES FOR NEW AND EXISTING PANELBOARDS TO INDICATE TYPE OF LOAD SERVED AND AREA SERVED (E.G. RECEPTACLES-OFFICE 201).
8. UNLESS NOTED OTHERWISE, CONDUIT CONTAINING 120V OR GREATER WIRING SHALL CONTAIN A SEPARATE INSULATED GROUND WIRE RATED FOR 600V.
9. PROVIDE SEPARATE UNSHARED NEUTRAL CONDUCTOR(S) FOR EACH CIRCUIT UTILIZING A NEUTRAL, UNLESS SPECIFICALLY INDICATED OTHERWISE. MULTIWIRE BRANCH CIRCUITS ARE NOT PERMITTED.
10. CENTER EQUIPMENT OR DEVICES LOCATED ABOVE OPENINGS SUCH AS DOORS, LOUVER, ETC. ABOVE THE OPENING.
11. PAINT PLYWOOD BACKBOARDS (MINIMUM 2 COATS OF FIRE RETARDANT PAINT) TO MATCH WALL FINISH. DO NOT PAINT OVER FIRE LABEL.
12. ELECTRICAL PENETRATIONS IN FIRE-RESISTANCE-RATED CONSTRUCTION SHALL COMPLY WITH REQUIREMENTS OF INTERNATIONAL BUILDING CODE. PROVIDE LISTED FIRE STOP METHOD FOR PENETRATIONS THROUGH FIRE RATED FLOORS AND WALLS TO MAINTAIN THE APPLICABLE FIRE RATING.
13. FOR EQUIPMENT HAVING TWO SEPARATE ELECTRICAL FEEDS, PROVIDE PERMANENT LABEL AT EACH DISCONNECTING MEANS. LABELS SHALL READ "DISCONNECT 1 OF 2" AND "DISCONNECT 2 OF 2" RESPECTIVELY.
14. PROVIDE STRUCTURAL STEEL FRAME SUPPORTS AS REQUIRED FOR DISCONNECT SWITCHES, MOTOR STARTERS, ETC. (IF DISCONNECT SWITCHES OR STARTERS ARE LOCATED ON EQUIPMENT HOUSINGS, COORDINATE LOCATIONS WITH EQUIPMENT SUPPLIER TO ENSURE SWITCHES/STARTERS ARE NOT INSTALLED ON EQUIPMENT ACCESS PANELS). MAINTAIN PROPER NATIONAL ELECTRICAL CODE CLEARANCES. IN ADDITION, MAINTAIN PROPER MECHANICAL WORKING CLEARANCES FOR SERVICING OF EQUIPMENT.
15. PROVIDE STRUCTURAL STEEL FRAME SUPPORTS OR PLYWOOD BACKBOARDS TO MOUNT PANELBOARDS ON METAL STUD WALLS/PARTITIONS. ANCHOR STRUCTURAL STEEL FRAME SUPPORTS OR PLYWOOD BACKBOARD TO THE METAL STUDS. PROVIDE STRUCTURAL STEEL FRAME SUPPORTS AT A MINIMUM OF TOP AND BOTTOM OF PANELBOARD AND SPAN A MINIMUM OF TWO VERTICAL STUDS. DO NOT ANCHOR PANELBOARDS DIRECTLY TO THE DRYWALL PARTITION.
16. FURNISH PANELBOARD WITH NUMBER OF POLES INDICATED. EACH SPACE SHALL BE A FULLY PREPARED SPACE (I.E. COMPLETE WITH PROVISIONS INCLUDING HARDWARE REQUIRED TO MOUNT A FUTURE CIRCUIT BREAKER INCLUDING BUS CONNECTIONS, CIRCUIT BREAKER MOUNTING BRACKET, CIRCUIT BREAKER COVER AND COVER KNOCKOUTS, ETC.).
17. CONFIRM EQUIPMENT LOCATIONS AND PLUG TYPES PRIOR TO RECEPTACLE INSTALLATION. PROVIDE RECEPTACLE TYPES TO MATCH PLUG TYPES AND NEMA CONFIGURATION.
18. PROVIDE APPROPRIATE NUMBER OF CONDUCTORS FOR FIXTURES CONTROLLED BY THREE-WAY, FOUR-WAY AND/OR DIMMABLE SWITCHING APPLICATIONS.
19. VERIFY ELECTRICAL SYSTEM PHASING AND ROTATION WITH UTILITY COMPANY.
20. UNLESS INDICATED OTHERWISE, PROVIDE FINAL CONNECTIONS TO EQUIPMENT. FINAL CONNECTIONS TO EQUIPMENT SHALL CONSIST OF SAME SIZE PHASE CONDUCTORS, NEUTRAL CONDUCTORS (AS APPLICABLE), GROUND CONDUCTORS, CONTROL CONDUCTORS (AS APPLICABLE), AND CONDUIT SIZES AS INDICATED ELSEWHERE.
21. PROVIDE TRENCHING AND BACKFILL FOR BURIED ELECTRICAL AND TELECOMMUNICATIONS (TELEPHONE, CABLE TELEVISION) SERVICES, UNLESS NOTED OTHERWISE. COORDINATE UNDERGROUND CIRCUIT INSTALLATION WITH OTHER EXISTING AND PROPOSED UNDERGROUND UTILITIES. ENGAGE THE SERVICES OF A UTILITY LOCATING FIRM PRIOR TO EXCAVATION.
22. PROVIDE WARNING TAPE 12 INCHES BELOW FINISHED GRADE FOR UNDERGROUND WIRING AND CABLING SYSTEMS.

DRAWING LIST - ELECTRICAL - PHASE 1

SHEET NUMBER	SHEET NAME
E0.000	SYMBOLS, NOTES & ABBREVIATIONS
E0.01	SITE PLAN
E1.01	BASEMENT FLOOR PLAN, MILL 1 - LIGHITNG
E1.02	FIRST FLOOR PLAN, MILL 1 - LIGHTING
E1.03	FIRST FLOOR PLAN, MILL 2 - LIGHTING
E1.04	FIRST FLOOR PLAN, MILL 3 - LIGHTING
E1.05	SECOND FLOOR PLAN, MILL 1 - LIGHTING
E1.06	SECOND FLOOR PLAN, MILL 2 - LIGHTING
E1.07	SECOND FLOOR PLAN, MILL 3 - LIGHTING
E1.08	THIRD FLOOR PLAN, MILL 1 - LIGHTING
E1.09	THIRD FLOOR PLAN, MILL 2 - LIGHTING
E1.10	THIRD FLOOR PLAN, MILL 3 - LIGHTING
E1.11	BUILDING-21 FLOOR PLAN - LIGHTING
E1.12	BOILER PLANT FIRST FLOOR PLAN - LIGHTING
E1.13	BOILER PLANT SECOND FLOOR PLAN - LIGHTING
E2.01	BASEMENT FLOOR PLAN MILL 1 - POWER AND SPECIAL SYSTEMS
E2.02	FIRST FLOOR PLAN, MILL 1 - POWER AND SPECIAL SYSTEMS
E2.03	FIRST FLOOR PLAN, MILL 2 - POWER AND SPECIAL SYSTEMS
E2.04	FIRST FLOOR PLAN, MILL 3 - POWER AND SPECIAL SYSTEMS
E2.05	SECOND FLOOR PLAN, MILL 1 - POWER AND SPECIAL SYSTEMS
E2.06	SECOND FLOOR PLAN, MILL 2 - POWER AND SPECIAL SYSTEMS
E2.07	SECOND FLOOR PLAN, MILL 3 - POWER AND SPECIAL SYSTEMS
E2.08	THIRD FLOOR PLAN, MILL 1 - POWER AND SPECIAL SYSTEMS
E2.09	THIRD FLOOR PLAN, MILL 2 - POWER AND SPECIAL SYSTEMS
E2.10	THIRD FLOOR PLAN, MILL 3 - POWER AND SPECIAL SYSTEMS
E2.11	ROOF PLAN, MILL 1 - POWER AND SPECIAL SYSTEMS
E2.12	ROOF PLAN, MILL 2 - POWER AND SPECIAL SYSTEMS
E2.13	ROOF PLAN, MILL 3 - POWER AND SPECIAL SYSTEMS
E2.14	BUILDING-21 FLOOR PLAN - POWER AND SPECIAL SYSTEMS
E2.15	BOILER PLANT FIRST FLOOR PLAN - POWER AND SPECIAL SYSTEMS
E2.16	BOILER PLANT SECOND FLOOR PLAN - POWER AND SPECIAL SYSTEMS
E4.01	UNIT PLANS, MILLS 1,2,3 - ELECTRICAL
E4.02	UNIT PLANS, MILLS 1,2,3 - ELECTRICAL
E4.03	UNIT PLANS, MILLS 1,2,3 - ELECTRICAL
E5.01	ELECTRICAL SITE DETAILS
E5.02	ELECTRICAL DETAILS
E6.01	ELECTRICAL RISERS/ONE-LINES
E6.02	POWER RISER DIAGRAM
E6.03	COMMUNICATION RISER DIAGRAM
E6.04	ELECTRICAL PART PLANS
E7.01	ELECTRICAL SCHEDULES
E7.02	ELECTRICAL SCHEDULES
E7.03	ELECTRICAL SCHEDULES
E7.04	ELECTRICAL SCHEDULES

ELECTRICAL ABBREVIATIONS

A	AMPERE(S)	KW	KILOWATTS
ADA	AMERICAN DISABILITY ACT	LED	LIGHT EMITTING DIODE
AFCI	ARC FAULT CIRCUIT INTERRUPTER	LTG	LIGHTING
AFF	ABOVE FINISHED FLOOR	LRA	LOCKED ROTOR AMPS
AFG	ABOVE FINISHED GRADE	LV	LOW VOLTAGE
AIC	AMPERE INTERRUPTING CAPACITY	MCB	MAIN CIRCUIT BREAKER
AL	ALUMINUM	MGB	MAIN GROUND BAR
ATS	AUTOMATIC TRANSFER SWITCH	MLO	MAIN LUGS ONLY
AWG	AMERICAN WIRE GAUGE	MTS	MANUAL TRANSFER SWITCH
BATT	BATTERY	MISC	MISCELLANEOUS
BFC	BELOW FINISHED CEILING	MOD	MOTOR OPERATED DAMPER
BFG	BELOW FINISHED GRADE	MTD	MOUNTED
BPS	BOLTED PRESSURE SWITCH	MH	MOUNTING HEIGHT
BLDG	BUILDING	NEC	NATIONAL ELECTRICAL CODE
C	CONDUIT	NL	NIGHT LIGHT (UNSWITCHED)
CATV	CABLE TELEVISION	NFSS	NON-FUSED SAFETY SWITCH
C/B	CIRCUIT BREAKER	NC	NORMALLY CLOSED
CKT	CIRCUIT	NO	NORMALLY OPEN
CLG	CEILING	NIC	NOT IN CONTRACT
CONT	CONTINUATION	NTS	NOT TO SCALE
CT	CURRENT TRANSFORMER	OE	OVERHEAD ELECTRIC
CU	COPPER	OT	OVERHEAD TELECOMMUNICATIONS
DAS	DISTRIBUTED ANTENNA SYSTEM	PNL	PANELBOARD
Δ	DELTA CONNECTED	Ø / PH	PHASE
DC	DIRECT CURRENT	P	POLE
DISC	DISCONNECT	PVC	POLYVINYL CHLORIDE
E	EMERGENCY	PT	POTENTIAL TRANSFORMER
ECB	ENCLOSED CIRCUIT BREAKER	PWR	POWER
DACT	DIGITAL ALARM COMMUNICATOR TRANSMITTER	PF	POWER FACTOR
DT	DOUBLE THROW	PRI	PRIMARY
DWG	DRAWING	REC	RECEPTACLE
DPDT	DOUBLE POLE, DOUBLE THROW	RM	ROOM
DPST	DOUBLE POLE, SINGLE THROW	RMS	ROOT MEAN SQUARE
DE/TD	DUAL ELEMENT / TIME DELAY	RX	REMOVE EXISTING
EMT	ELECTRICAL METALLIC TUBING	SS	SAFETY DISCONNECT SWITCH
EC	EMPTY CONDUIT	SEC	SECONDARY
EMS	ENERGY MANAGEMENT SYSTEM	SD	SERVICE DISCONNECT
EF	EXHAUST FAN	SCCR	SHORT CIRCUIT CURRENT RATING
EX	EXISTING	S/N	SOLID NEUTRAL
ER	EXISTING REMOVED	SPDT	SINGLE POLE, DOUBLE THROW
ETR	EXISTING TO REMAIN	SPST	SINGLE POLE, SINGLE THROW
FT	FEET	ST	SINGLE THROW
FA	FIRE ALARM	SPD	SURGE PROTECTION DEVICE
FAAP	FIRE ALARM ANNUNCIATOR PANEL	SWBD	SWITCHBOARD
FACP	FIRE ALARM CONTROL PANEL	SYM	SYMMETRICAL
FAEP	FIRE ALARM EXTENDER PANEL	TGB	TELECOMMUNICATIONS GROUND BAR
FLA	FULL LOAD AMPERES	TMGB	TELECOMMUNICATIONS MAIN GROUND BAR
F	FUSED OR FUSIBLE	TELE	TELEPHONE
FSS	FUSED SAFETY SWITCH	TTB	TELEPHONE TERMINAL BOARD
G/GRD	GROUND	TMS	THERMAL MANUAL SWITCH
GB	GROUND BAR	TYP	TYPICAL
GFI	GROUND FAULT CIRCUIT INTERRUPTER	UE	UNDERGROUND ELECTRIC
HID	HIGH INTENSITY DISCHARGE	UL	UNDERWRITERS LABORATORY
HOA	HAND-OFF-AUTOMATIC	UNO	UNLESS NOTED OTHERWISE
HP	HORSEPOWER	UT	UNDERGROUND TELECOMMUNICATIONS
HPS	HIGH PRESSURE SODIUM	V	VOLTS
HV	HIGH VOLTAGE	VA	VOLT-AMPERE
HZ	HERTZ	WH	WATER HEATER
ITGB	INFORMATION TECHNOLOGY GROUND BAR	W	WIRE, WATTS
IT	INFORMATION TECHNOLOGY	W/	WITH
IG	ISOLATED GROUND	WCR	WITHSTAND AND CLOSE-ON RATING
Isc	SHORT CIRCUIT CURRENT (RMS SYMMETRICAL AMPERES)	WP	WEATHERPROOF
		Y	WYE CONNECTED
J/JB	JUNCTION BOX	XFMR	TRANSFORMER
KCM	THOUSAND CIRCULAR MILS	1P	SINGLE POLE
KV	KILOVOLTS	2P	DOUBLE POLE
KVA	KILOVOLT-AMPERES	3P	THREE POLE
		4P	FOUR POLE

LIGHTING SYMBOLS

- LIGHTING FIXTURE, CEILING MOUNTED
- LIGHTING FIXTURE, WALL MOUNTED
- LIGHTING FIXTURE, PENDANT MOUNTED
- TRACK LIGHT, TRIANGLES INDICATE TRACK FIXTURES
- EMERGENCY LIGHTING FIXTURE
- EMERGENCY BATTERY TYPE LIGHTING FIXTURE
- EMERGENCY REMOTE HEAD TYPE LIGHTING FIXTURE
- EXIT SIGN, SINGLE FACE, CEILING/WALL MOUNTED
- EXIT SIGN, DOUBLE FACE, CEILING/WALL MOUNTED
- EXIT SIGN, AS ABOVE, WITH DIRECTIONAL ARROWS
- COMBINATION EXIT SIGN EMERGENCY LIGHT, SINGLE FACE, WALL MOUNTED
- $ SINGLE POLE TOGGLE SWITCH
- $3 THREE-WAY TOGGLE SWITCH
- $4 FOUR-WAY TOGGLE SWITCH
- $D DIMMER CONTROL SWITCH
- $LV LOW VOLTAGE PUSHBUTTON WALL STATION
- $LVD LOW VOLTAGE PUSHBUTTON WALL STATION WITH DIMMING CONTROL
- $O LIGHTING CONTROL OCCUPANCY/VACANCY SENSOR WALL SWITCH
- $WP WEATHERPROOF LIGHTING CONTROL SWITCH, TYPE AS NOTED
- $K WALL MOUNTED KEY SWITCH
- $F CEILING FAN SWITCH, COORDINATE STYLE AND CONTROL FUNCTION WITH FAN
- $S SHADE CONTROL SWITCH, COORDINATE STYLE AND CONTROL FUNCTION WITH SHADE
- J CEILING FAN RATED JUNCTION BOX, CEILING MOUNTED
- J FS FIRE / SMOKE DAMPER POWER CONNECTION - SERVES ALL OUTLETS ON FLOOR.
- OS LIGHTING CONTROL OCCUPANCY SENSOR, CEILING MOUNTED
- OC LIGHTING CONTROL OCCUPANCY SENSOR FOR CORRIDOR, CEILING MOUNTED
- OW LIGHTING CONTROL OCCUPANCY SENSOR, WALL MOUNTED
- C LIGHTING CONTACTOR, AS NOTED OR SCHEDULED
- TC TIME CLOCK
- RC LIGHTING ROOM CONTROLER, LOW VOLTAGE
- ZC LIGHTING ZONE CONTROLLER, LOW VOLTAGE
- DL LIGHTING DAYLIGHT SENSOR, CEILING MOUNTED
- ER EMERGENCY LIGHTING RELAY FOR OVERRIDE CONTROL
- POLE MOUNTED SITE LIGHTING FIXTURE
- P PHOTOCELL, WALL MOUNTED

POWER SYMBOLS

- DUPLEX RECEPTACLE, NEMA CONFIGURATION 5-15R/5-20R, PER SPECIFICATION
- DOUBLE DUPLEX (QUAD) RECEPTACLE NEMA CONFIGURATION 5-15R/5-20R, PER SPECIFICATION
- DUPLEX RECEPTACLE AS ABOVE, GROUND FAULT CIRCUIT INTERRUPTER TYPE OR PROTECTED BY UPSTREAM GFCI.
- DUPLEX RECEPTACLE AS ABOVE, COUNTERTOP
- DUPLEX RECEPTACLE AS ABOVE, COUNTERTOP GROUND FAULT CIRCUIT INTERRUPTER TYPE OR PROTECTED BY UPSTREAM GFCI.
- WP WEATHER RESISTANT DUPLEX RECEPTACLE AS ABOVE, WITH WEATHERPROOF COVER
- R DUPLEX RECEPTACLE AS ABOVE, DEDICATED FOR REFRIGERATOR
- W DUPLEX RECEPTACLE AS ABOVE, DEDICATED FOR CLOTHES WASHER
- M DUPLEX RECEPTACLE AS ABOVE, DEDICATED FOR MICROWAVE/RANGE HOOD
- D DUPLEX RECEPTACLE AS ABOVE, DEDICATED FOR DISHWASHER
- H DUPLEX RECEPTACLE AS ABOVE, HORIZONTAL MOUNTING
- U DUPLEX RECEPTACLE AS ABOVE, WITH TWO INTEGRAL USB PORTS
- L DUPLEX RECEPTACLE AS ABOVE, WITH INTEGRAL NIGHT LIGHT.
- DUPLEX RECEPTACLE AS ABOVE, SPLIT YOKE, BOTTOM SECTION OF RECEPTACLE SHALL BE SWITCHED, TOP SHALL ALWAYS BE HOT.
- DUPLEX RECEPTACLE AS ABOVE, STANDBY POWER (SUBSCRIPT DESIGNATIONS SAME AS ABOVE)
- DUPLEX RECEPTACLE AS ABOVE, CEILING MOUNTED.
- DUPLEX RECEPTACLE AS ABOVE, IN FLOOR BOX
- # COMBINATION DUPLEX RECEPTACLE/DATA OUTLET, IN FLOOR BOX, SIZE PER SPECIFICATION, "#" INDICATES TOTAL OUTLETS (HALF VOICE, HALF DATA). PROVIDE ONE VOICE AND ONE DATA IN ABSENCE OF A NUMBER
- DUPLEX RECEPTACLE AS ABOVE, PROVIDE WITH CORD REEL MOUNTED TO STRUCTURE
- SIMPLEX SINGLE RECEPTACLE, NEMA CONFIGURATION 5-15R/5-20R PER SPECIFICATION (SUBSCRIPT DESIGNATIONS SAME AS ABOVE)
- SPECIAL RECEPTACLE, NEMA TYPE AS INDICATED ON PLAN
- R RANGE RECEPTACLE, NEMA 14-50R
- D DRYER RECEPTACLE, NEMA 14-30R
- F 208Y/120V PANELBOARD, EXTENDED FRONT LINES INDICATED RECESSED, OTHERWISE SURFACE MOUNTED. F INDICATES FRONT.
- F 480Y/277V PANELBOARD, EXTENDED FRONT LINES INDICATED RECESSED, OTHERWISE SURFACE MOUNTED. F INDICATES FRONT.
- F 120/240V PANELBOARD, EXTENDED FRONT LINES INDICATED RECESSED, OTHERWISE SURFACE MOUNTED. F INDICATES FRONT.
- J JUNCTION BOX - CEILING, WALL OR FLOOR MOUNTED
- J FS JUNCTION BOX - FIRE/SMOKE DAMPER POWER CONNECTION. REFER TO DETAIL. EXTEND POWER TO ALL F/S DAMPERS ON THIS LEVEL.
- $M MANUAL MOTOR STARTER SWITCH - NO OVERLOADS
- $MOL MANUAL MOTOR STARTER SWITCH - W/ OVERLOADS
- $T TIMER SWITCH
- NONFUSED SAFETY SWITCH
- F FUSED SAFETY SWITCH
- COMBINATION TYPE MOTOR STARTER
- ENCLOSED CIRCUIT BREAKER
- MOTOR STARTER
- HP MOTOR CONNECTION - HP AS INDICATED
- # GROUND CONNECTION - # DENOTES SIZE
- SPD SURGE PROTECTION DEVICE
- GAP GENERATOR ANNUNCIATOR PANEL
- EP EMERGENCY STOP PUSHBUTTON STATION
- MH IN-GRADE MANHOLE, TYPE AS NOTED
- HH IN-GRADE HANDHOLE, TYPE AS NOTED
- METER
- SMOKE ALARM INTERCONNECT WIRING
- UE UNDERGROUND ELECTRIC
- OE OVERHEAD ELECTRIC
- UT UNDERGROUND TELECOMMUNICATIONS
- OT OVERHEAD TELECOMMUNICATIONS

FIRE ALARM SYSTEM SYMBOLS

- FACP FIRE ALARM CONTROL PANEL
- FAAP FIRE ALARM ANNUNCIATOR PANEL
- FAEP FIRE ALARM EXPANDER PANEL
- F FIRE ALARM HORN/STROBE COMBINATION, WALL MOUNTED
- F FIRE ALARM STROBE, WALL MOUNTED
- F FIRE ALARM HORN, WALL MOUNTED
- F FIRE ALARM SPEAKER/STROBE, WALL MOUNTED
- F FIRE ALARM SPEAKER, WALL MOUNTED
- F FIRE ALARM HORN/STROBE COMBINATION, CEILING MOUNTED.
- F FIRE ALARM STROBE, CEILING MOUNTED.
- F FIRE ALARM HORN, CEILING MOUNTED.
- F FIRE ALARM SPEAKER, CEILING MOUNTED.
- F FIRE ALARM SPEAKER/STROBE, CEILING MOUNTED.
- F FIRE ALARM MANUAL PULL STATION
- HD FIRE ALARM HEAT DETECTOR, CEILING MOUNTED
- SD FIRE ALARM SMOKE DETECTOR, CEILING MOUNTED
- DD FIRE ALARM DUCT SMOKE DETECTOR
- SC FIRE ALARM COMBINATION SMOKE/CARBON MONOXIDE DETECTOR, CEILING MOUNTED
- SD SINGLE MULTI-STATION SMOKE DETECTOR, CEILING MOUNTED
- CO SINGLE MULTI-STATION CARBON MONOXIDE DETECTOR, CEILING MOUNTED
- SC SINGLE MULTI-STATION COMBINATION SMOKE/CARBON MONOXIDE DETECTOR, CEILING MOUNTED
- FS SPRINKLER FLOW SWITCH
- TS SPRINKLER VALVE TAMPER SWITCH
- PS DRY PIPE SPRINKLER PRESSURE SWITCH
- DH DOOR HOLD OPEN DEVICE
- CM CONTROL MODULE
- MM MONITOR MODULE
- FSD FIRE SMOKE DAMPER
- FH FIRE ALARM INTERFACE WITH HOOD SUPPRESSION SYSTEM
- TEMP LOW TEMPERATURE SENSOR

COMMUNICATIONS SYSTEMS SYMBOLS

- W SINGLE TELEPHONE OUTLET

  RESIDENTIAL PROJECTS:
  IN DWELLING UNITS, PROVIDE MUDRING, FACEPLATE, AND CABLE TO UNIT TERMINATION CABINET. PROVIDE ONE CAT5e CONNECTOR WITH CAT5e CABLE.
  OUTSIDE OF DWELLING UNITS, PROVIDE 1-GANG BOX AND 3/4" CONDUIT W/BUSHING. PROVIDE WIRING TO NEAREST TELCO CLOSET. PROVIDE ONE CAT5e CONNECTOR WITH CAT5e CABLE.
- # W DATA OUTLET

  RESIDENTIAL PROJECTS:
  IN DWELLING UNITS, PROVIDE MUDRING, FACEPLATE, AND CABLE TO UNIT TERMINATION CABINET. PROVIDE CAT5e CONNECTORS WITH CAT5e CABLE.
  OUTSIDE OF DWELLING UNITS, PROVIDE 2-GANG BOX AND 3/4" CONDUIT W/BUSHING. PROVIDE WIRING TO NEAREST TELCO CLOSET. PROVIDE CAT5e CONNECTORS WITH CAT5e CABLE.
- # W W COMBINATION TELEPHONE/DATA/COAX OUTLET

  RESIDENTIAL PROJECTS:
  IN DWELLING UNITS, PROVIDE MUDRING, FACEPLATE, AND CABLE TO UNIT TERMINATION CABINET. PROVIDE CAT5e CONNECTORS WITH CAT5e CABLE.
  OUTSIDE OF DWELLING UNITS, PROVIDE 2-GANG BOX AND 3/4" CONDUIT W/BUSHING. PROVIDE WIRING TO NEAREST TELCO CLOSET. PROVIDE CAT5e CONNECTORS WITH CAT5e CABLE, AND TYPE F CONNECTORS WITH RG6 CABLE.
- # W COMBINATION TELEPHONE/DATA OUTLET AS ABOVE, IN FLOOR BOX
- TV TV OUTLET, PROVIDE ARLINGTON 'TVBS505 2G' W/ (1) F-TYPE CONNECTOR (OR APPROVED EQUAL) AND RG6 CABLING AND (1) RJ45 CONNECTOR AND CAT5e CABLE.
- TV COMBINATION TV/REC OUTLET, PROVIDE ARLINGTON 'TVBS505 2G' W/ (1) F-TYPE CONNECTOR (OR APPROVED EQUAL) AND RG6 CABLING AND (1) RJ45 CONNECTOR AND CAT5e CABLE; PROVIDE DUPLEX RECEPTACLE AND WIRING WITH VOLTAGE DIVIDER
- DB DOORBELL, HARD WIRED
- D DOORBELL CHIME
- D DOORBELL LIGHT
- W WIFI ACCESS POINT, PROVIDE CAT6 CABLING BACK TO LOCAL TELECOM ROOM
- EC EMERGENCY CALL STATION
- ECSC EMERGENCY CALL SYSTEM CONTROLLER

GENERAL SYMBOLS

- # SPECIFIC DEMOLITION NOTE
- # SPECIFIC NEW WORK NOTE
- # REVISION NUMBER TAG

ELECTRICAL MOUNTING HEIGHT SCHEDULE

$	SWITCHES	46" AFF TO ℄ (UNO)
	RECEPTACLES	18" AFF TO ℄ (UNO)
	COUNTER RECEPTACLES	9" ABOVE COUNTER TO ℄ (UNO)
R	REFRIGERATOR REC	48" AFF TO ℄ (UNO)
	PANELBOARDS	6'-6" AFF TO TOP OF PANEL
	LOAD CENTERS RESIDENTIAL UNITS	48" AFF TO TOP OF PANEL
	MISC. EQUIPMENT BOXES	COORDINATE IN FIELD
F	MANUAL PULLSTATIONS	46" AFF TO ℄ (UNO)
	WALL MOUNTED FIRE ALARM NOTIFICATION APPLIANCES	6'-8" AFF
	TELEPHONE OUTLET	18" AFF TO ℄ (UNO)
W	TELEPHONE OUTLET - WALL	46" AFF OR 9" ABOVE COUNTER TO (UNO)℄
	DATA OUTLET	18" AFF TO ℄ (UNO)
W	DATA OUTLET - WALL	46" AFF OR 9" ABOVE COUNTER TO (UNO)℄
	TELE/DATA/COAX OUTLET	18" AFF TO ℄ (UNO)
W	TELE/DATA/COAX OUTLET-WALL	46" AFF OR 9" ABOVE COUNTER TO (UNO)℄
TV	TV OUTLET	18" AFF TO ℄ (UNO)
TV	COMBINATION TV/REC OUTLET	COORDINATE MOUNTING HEIGHT SUCH THAT DEVICE IS CENTERED BEHIND TV. COORDINATE TV LOCATION WITH AV INSTALLER
H	LED EXIT SIGN	6" ABOVE DOOR FRAME
+#	ITEMIZED MOUNTING HEIGHT	HEIGHT DESIGNATED BY SUBSCRIPT

BRANCH CIRCUIT WIRE SIZING

(120V, 20 AMPERE SINGLE PHASE CIRCUITS) (1)

LENGTH OF RUN	CIRCUIT WIRE SIZE
0' - 60'	#12
60' - 100'	#10
100' - 150'	#8

NOTES

(1) CHART IS BASED ON 1920 WATT LOAD, 120 VOLTS WITH 3% VOLTAGE DROP. ANY DEVIATION, INCLUDING DE-RATING, SHALL BE FIELD CALCULATED. TOTAL MAXIMUM VOLTAGE DROP (ON FEEDER AND BRANCH CIRCUIT) SHALL BE LESS THAN 5%. WHERE A DISCREPANCY EXISTS BETWEEN THIS CHART AND WIRE SIZE ON PANEL SCHEDULE, PROVIDE THE LARGER SIZE.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
SYMBOLS, NOTES & ABBREVIATIONS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

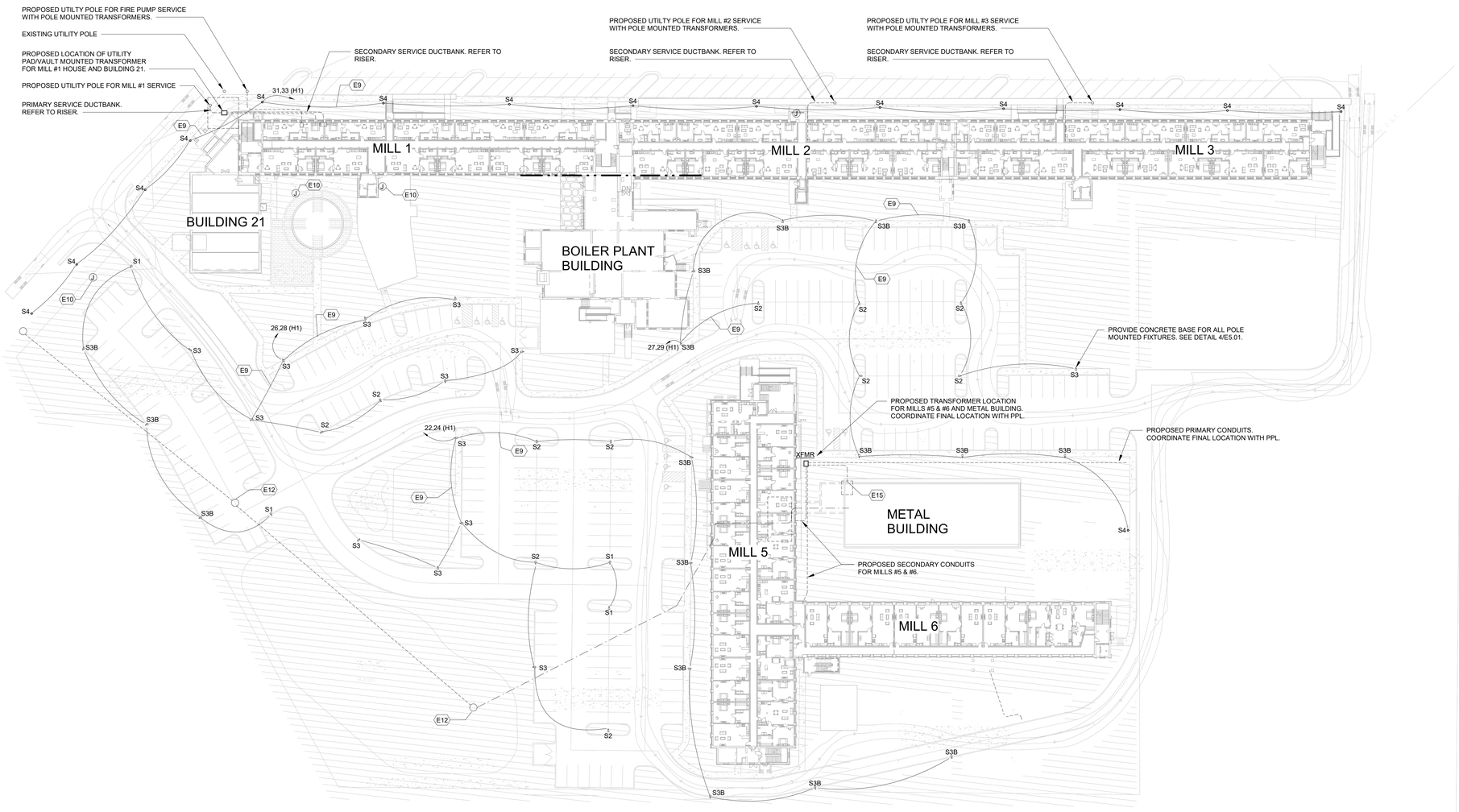
E0.000

10/16/2020 4:41:05 PM C:\Users\jfarlink\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfarlink2RU.rvt

SITE ELECTRICAL GENERAL NOTES:

1. COORDINATE FINAL LOCATIONS OF ALL SITE LIGHTING FIXTURES WITH CIVIL ENGINEERING DRAWINGS.
2. SITE CIRCUIT CONDUCTOR SIZES INDICATED IN THE PANEL SCHEDULE OR BY SPECIFIC NOTES, CONTINUE FOR THE REMAINDER OF THE CIRCUIT RUNS SHOWN.

SPECIFIC NOTES - ELECTRICAL	
E9	2#10, 1#10G IN 1" PVC CONDUIT.
E10	PROVIDE (2) FLUSH MOUNTED PEDESTRIAN GRADE HANDHOLES (18" x 18" x 12"d) WITH 2" CONDUIT WITH PULL STRING TO MAIN ELECTRIC ROOM FOR FUTURE POWER AND LOW VOLTAGE.
E12	MAINTAIN EXISTING OVERHEAD SERVICE POLES, DISCONNECT, METER, UNDERGROUND FEEDER AND FEEDER THROUGH MILL #5 SERVING THE METAL BUILDING UNTIL NEW SERVICE IS DERIVED FROM MILL #5 AND #6 TRANSFORMER. COORDINATE WITH PPL AND REMOVE FREE STANDING DISCONNECT, METER AND FEEDERS ONCE CHANGE OVER HAS OCCURED.
E15	PROPOSED LOCATION OF EXTERIOR METER FOR METAL BUILDING. APPROXIMATE LOCATION OF EXISTING PANELS AND EQUIPMENT ON IMMEDIATE INTERIOR. REFER TO RISER DIAGRAM.



1 STEHLI MILL OVERALL SITE PLAN - ELECTRICAL
1" = 40'-0"

GRAPHIC SCALE: 1" = 40'-0"
0 40 80 120 160

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
SITE PLAN

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	JAF	GBF

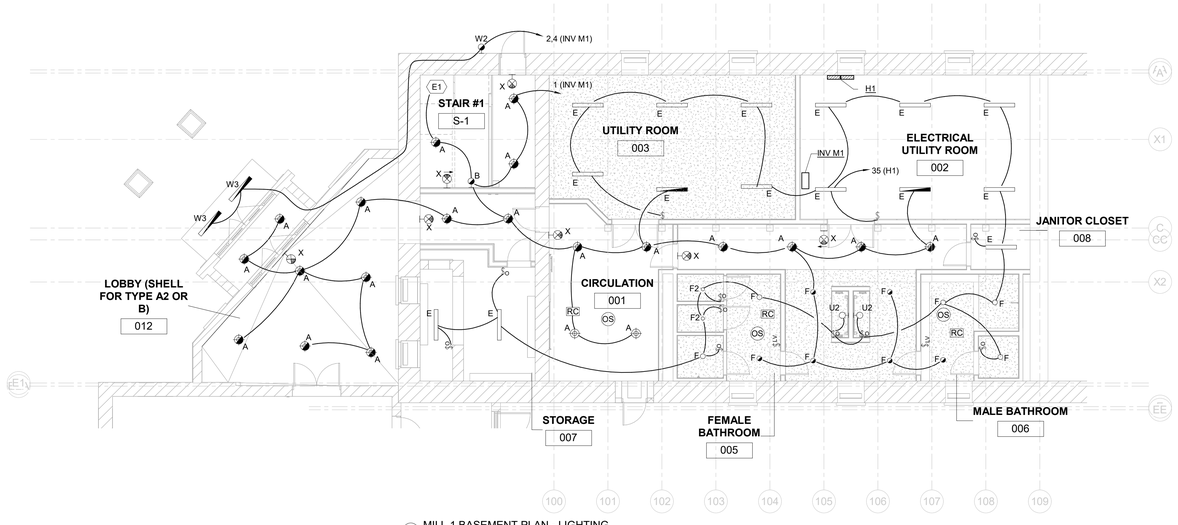
E0.01

10/16/2020 4:41:19 PM C:\Users\gfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfunk8JRKJ.rvt

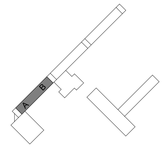
SPECIFIC NOTES - ELECTRICAL NEW	
E1	UP TO NEXT LEVEL

LIGHTING GENERAL SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS. CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA, TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.



1 MILL 1 BASEMENT PLAN - LIGHTING
1/8" = 1'-0"



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
BASEMENT FLOOR PLAN, MILL 1 - LIGHITNG

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

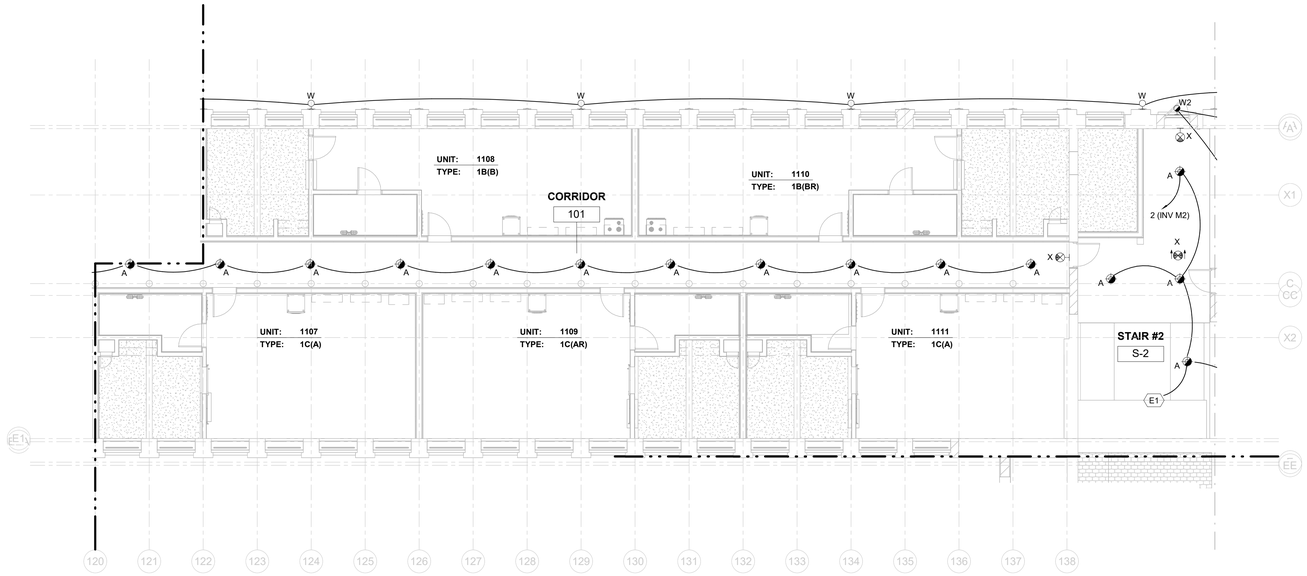
E1.01

10/16/2020 4:41:23 PM C:\Users\gfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurst6JZRU.rvt

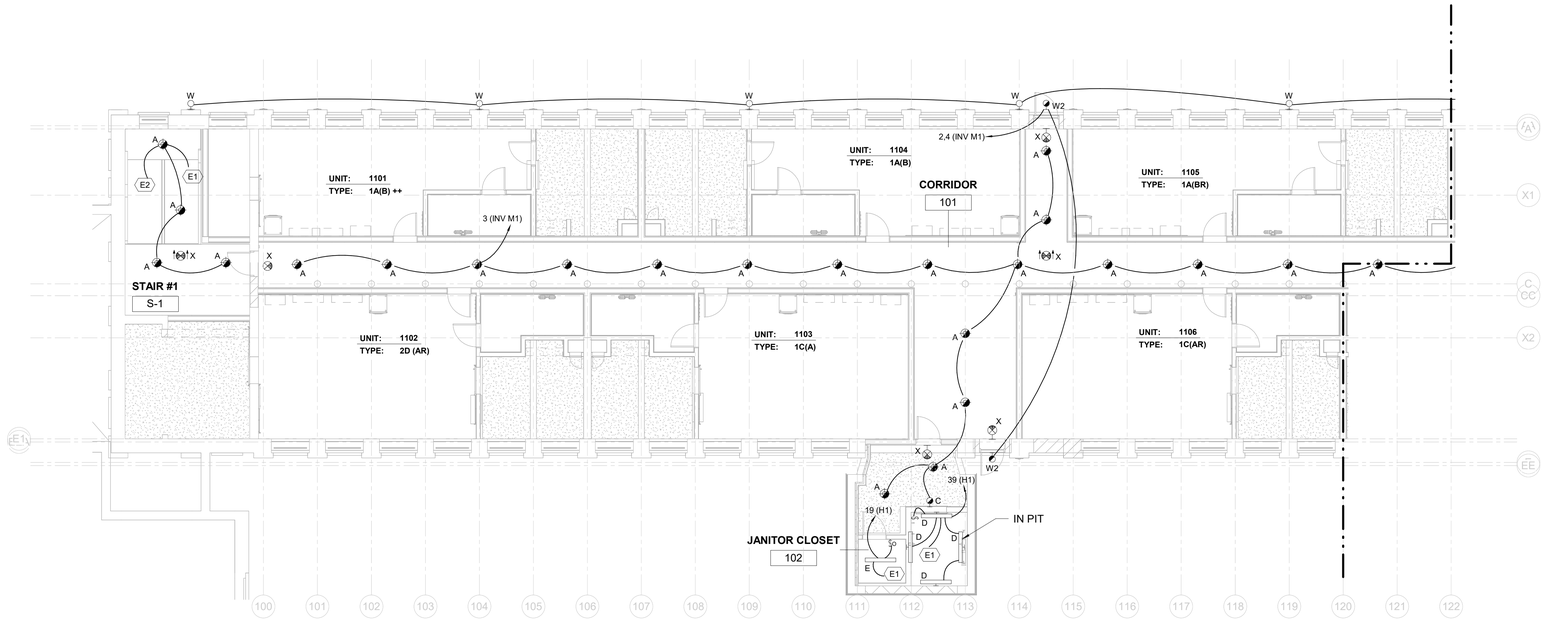
LIGHTING GENERAL SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS, CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA, TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.

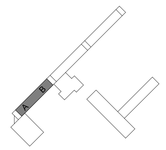
SPECIFIC NOTES - ELECTRICAL NEW	
E1	UP TO NEXT LEVEL
E2	DOWN TO LEVEL BELOW



2 MILL 1 FIRST FLOOR PLAN B - LIGHTING
1/8" = 1'-0"



1 MILL 1 FIRST FLOOR PLAN A - LIGHTING
1/8" = 1'-0"



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
FIRST FLOOR PLAN, MILL 1 - LIGHTING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

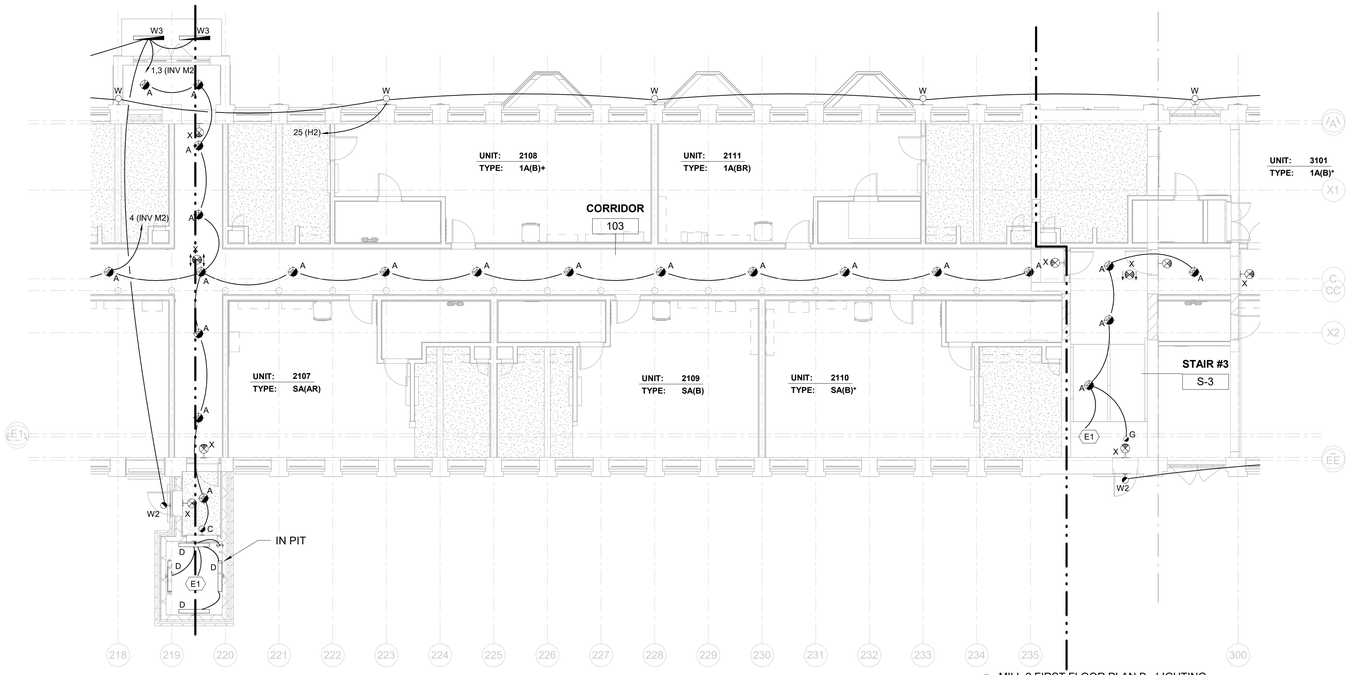
E1.02

10/16/2020 4:41:33 PM C:\Users\jfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfurst6JZRU.rvt

LIGHTING GENERAL SHEET NOTES:

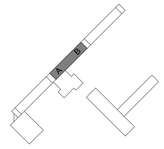
1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS. CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA, TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.

SPECIFIC NOTES - ELECTRICAL NEW	
E1	UP TO NEXT LEVEL



2 MILL 2 FIRST FLOOR PLAN B - LIGHTING
1/8" = 1'-0"

1 MILL 2 FIRST FLOOR PLAN A - LIGHTING
1/8" = 1'-0"



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
FIRST FLOOR PLAN, MILL 2 - LIGHTING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

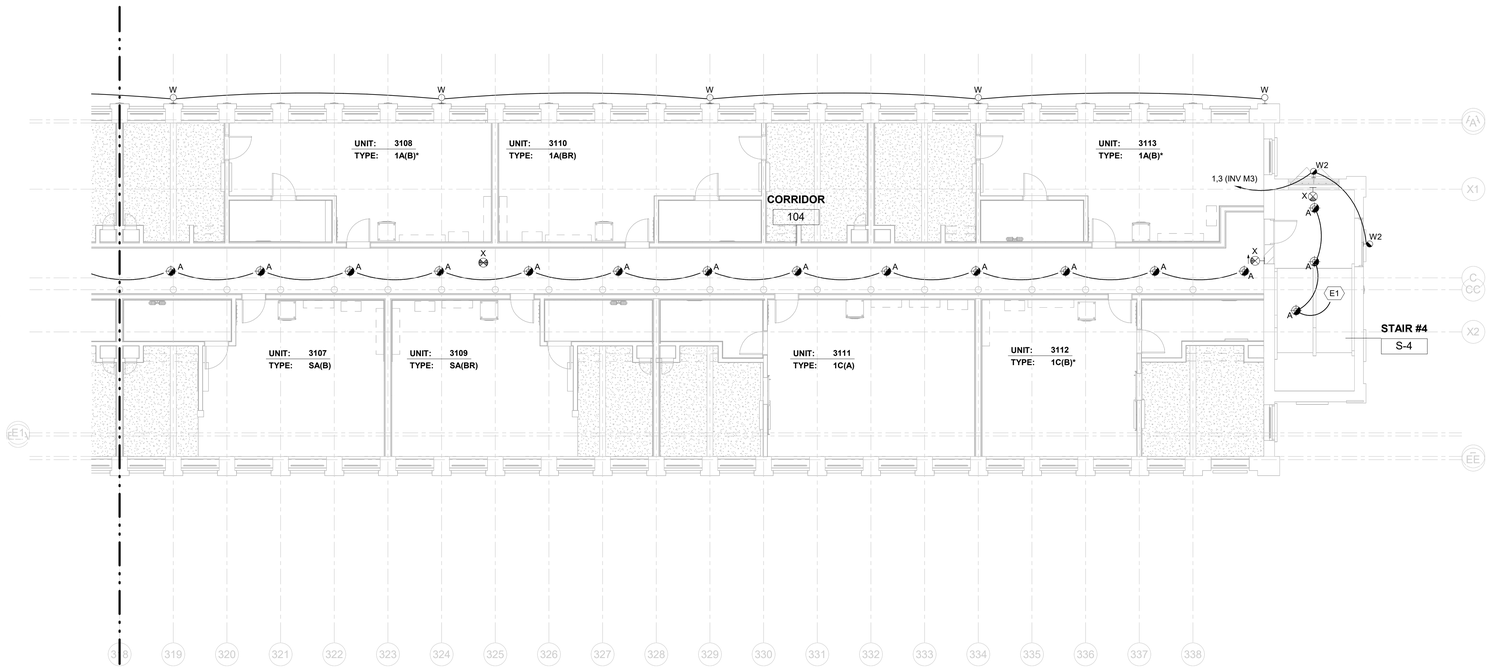
E1.03

10/16/2020 4:41:42 PM C:\Users\gfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurst8JZRU.rvt

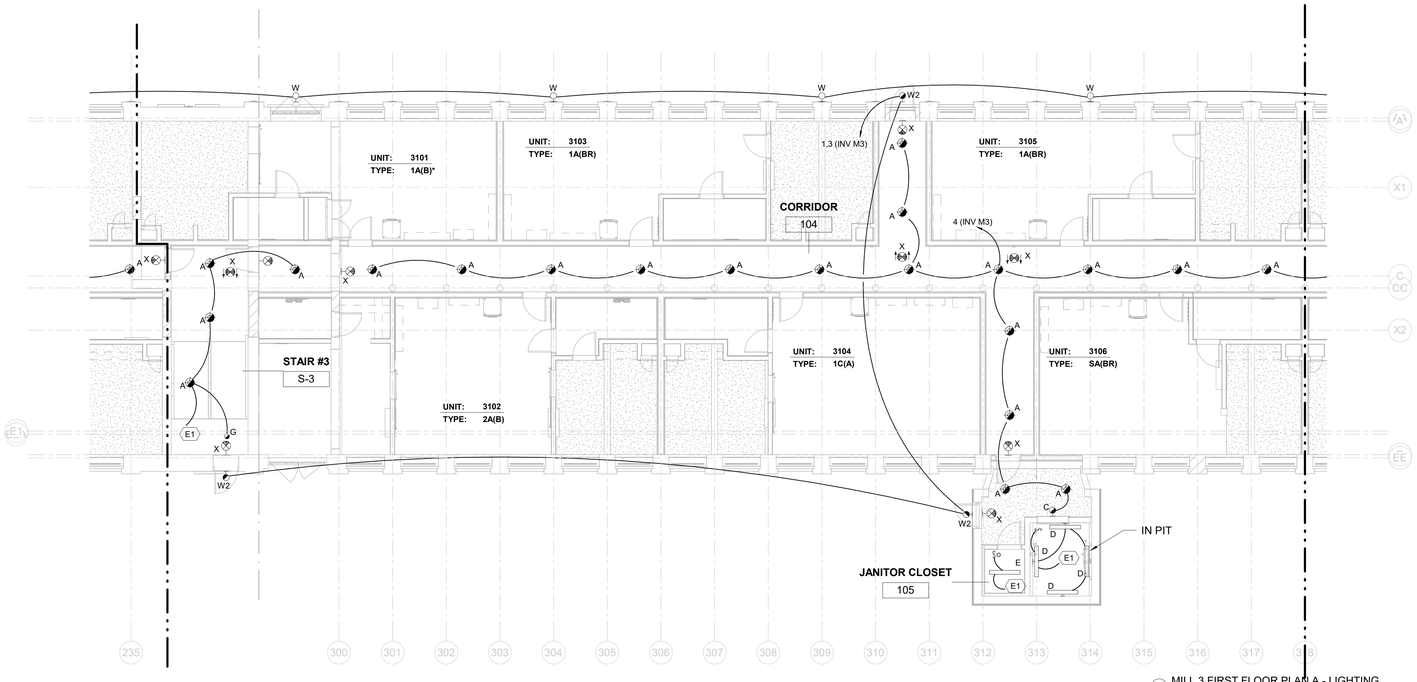
LIGHTING GENERAL SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS. CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA, TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.

SPECIFIC NOTES - ELECTRICAL NEW	
E1	UP TO NEXT LEVEL



2 MILL 3 FIRST FLOOR PLAN B - LIGHTING
1/8" = 1'-0"



1 MILL 3 FIRST FLOOR PLAN A - LIGHTING
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
FIRST FLOOR PLAN, MILL 3 - LIGHTING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

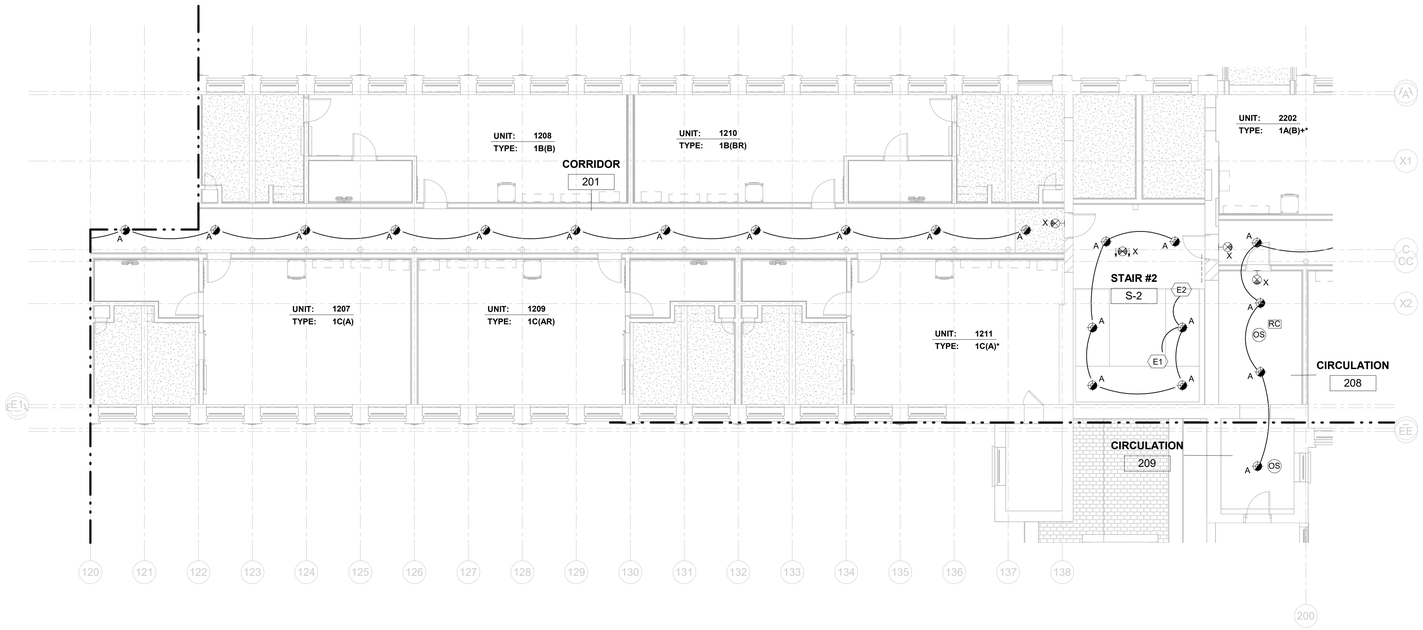
E1.04

10/16/2020 4:41:51 PM C:\Users\gfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurst8JZRU.rvt

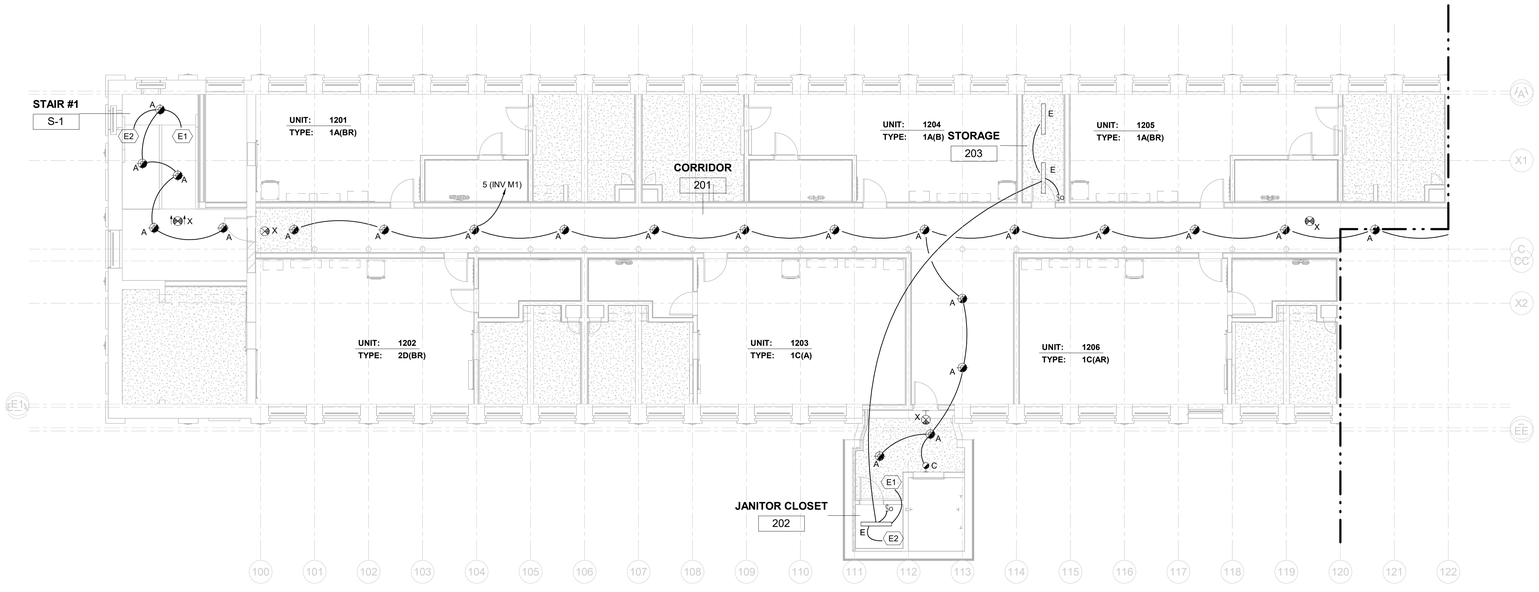
LIGHTING GENERAL SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS. CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA, TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.

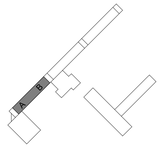
SPECIFIC NOTES - ELECTRICAL NEW	
E1	UP TO NEXT LEVEL
E2	DOWN TO LEVEL BELOW



2 MILL 1 SECOND FLOOR PLAN B - LIGHTING
1/8" = 1'-0"



1 MILL 1 SECOND FLOOR PLAN A - LIGHTING
1/8" = 1'-0"



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
SECOND FLOOR PLAN, MILL 1 - LIGHTING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

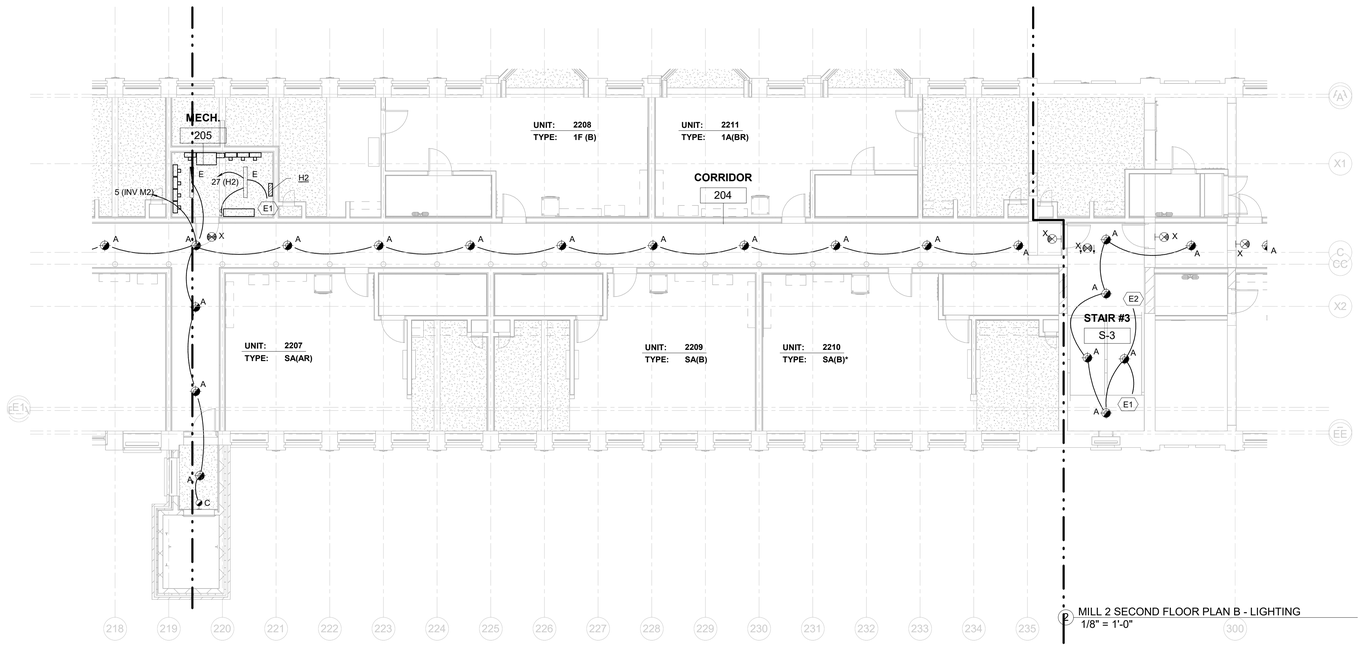
E1.05

10/16/2020 4:42:07 PM C:\Users\gfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurst8JZRU.rvt

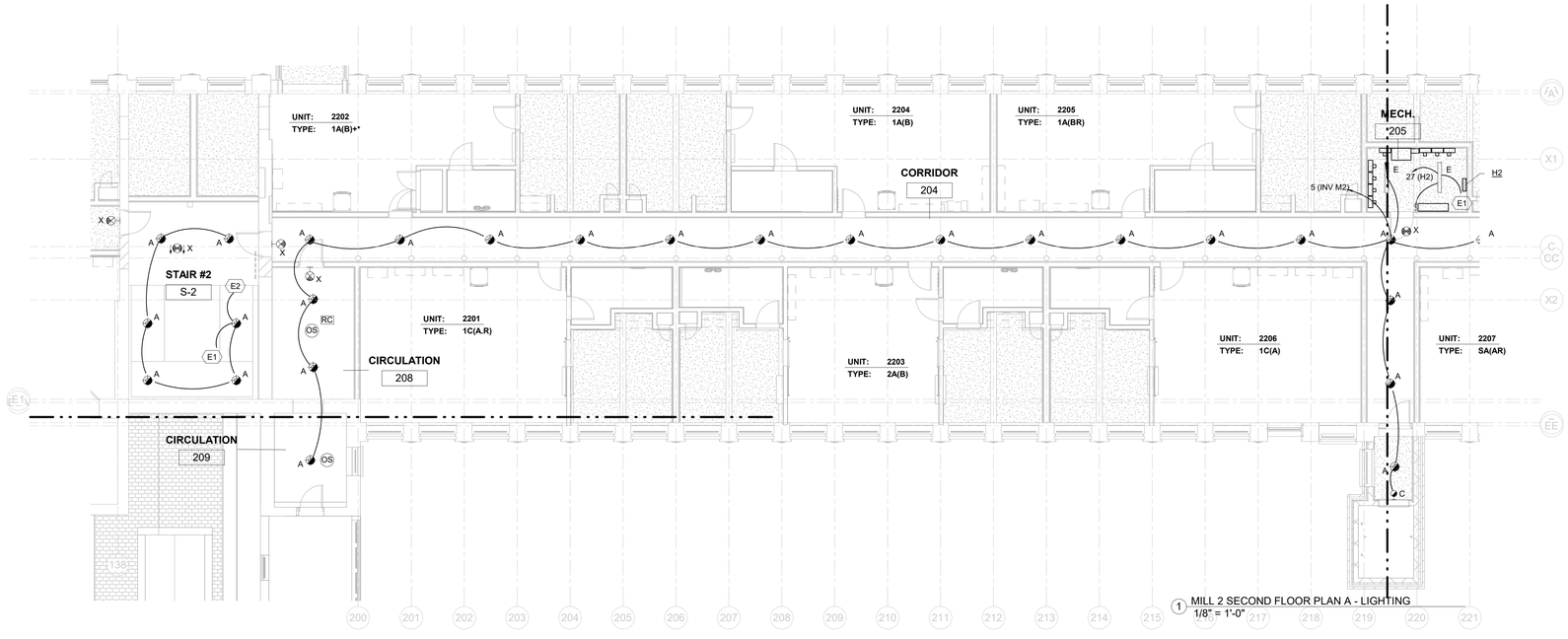
LIGHTING GENERAL SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS, CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA, TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.

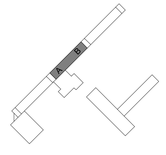
SPECIFIC NOTES - ELECTRICAL NEW	
E1	UP TO NEXT LEVEL
E2	DOWN TO LEVEL BELOW



2 MILL 2 SECOND FLOOR PLAN B - LIGHTING
1/8" = 1'-0"



1 MILL 2 SECOND FLOOR PLAN A - LIGHTING
1/8" = 1'-0"



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
SECOND FLOOR PLAN, MILL 2 - LIGHTING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

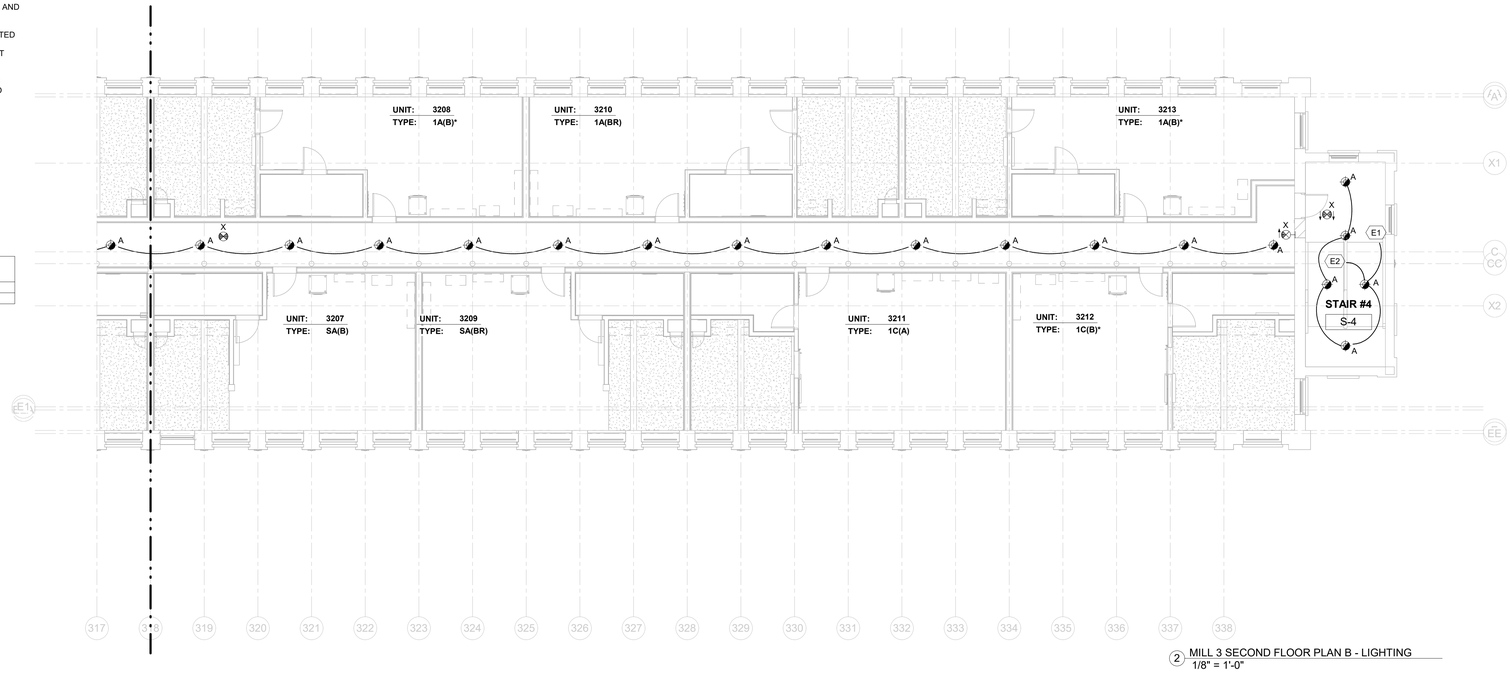
E1.06

10/16/2020 4:42:08 PM C:\Users\gfurnish\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurnish.rvt

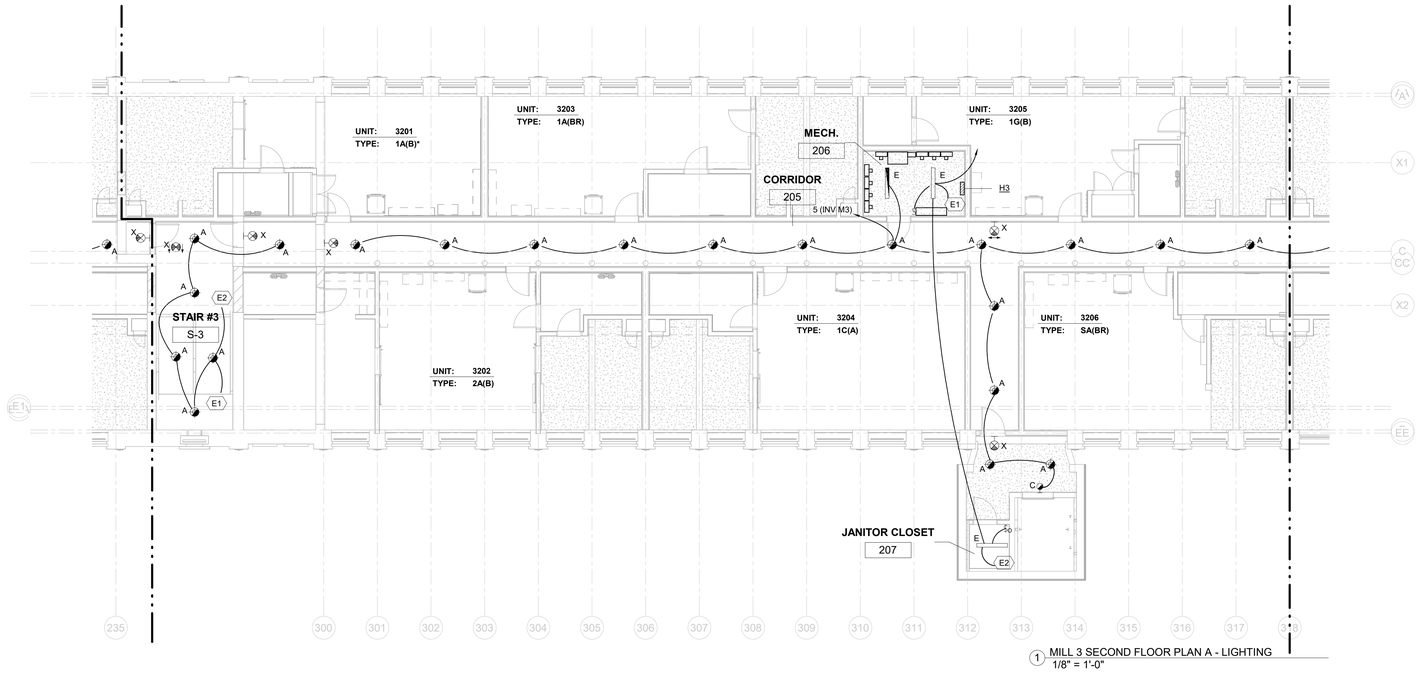
LIGHTING GENERAL SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS, CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA, TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.

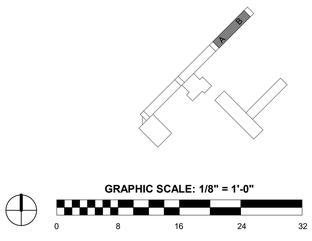
SPECIFIC NOTES - ELECTRICAL NEW	
E1	UP TO NEXT LEVEL
E2	DOWN TO LEVEL BELOW



2 MILL 3 SECOND FLOOR PLAN B - LIGHTING
1/8" = 1'-0"



1 MILL 3 SECOND FLOOR PLAN A - LIGHTING
1/8" = 1'-0"



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
SECOND FLOOR PLAN, MILL 3 - LIGHTING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

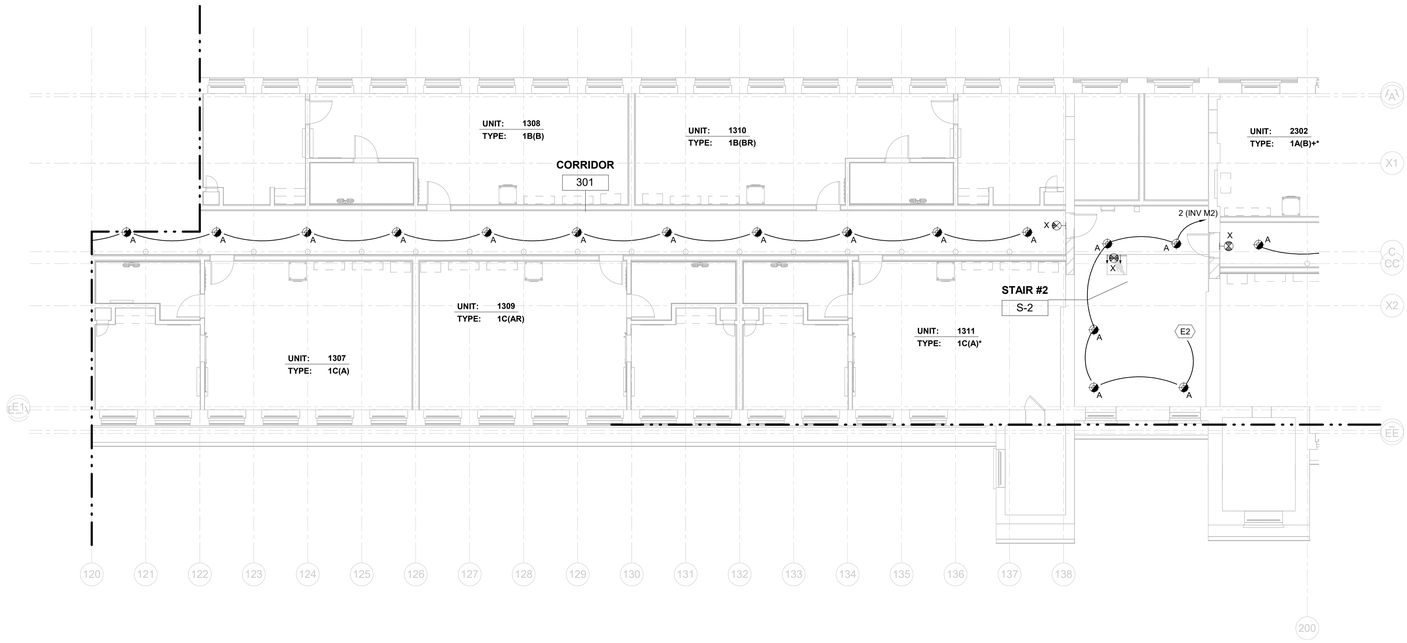
E1.07

10/16/2020 4:42:16 PM C:\Users\gfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurst8JZRU.rvt

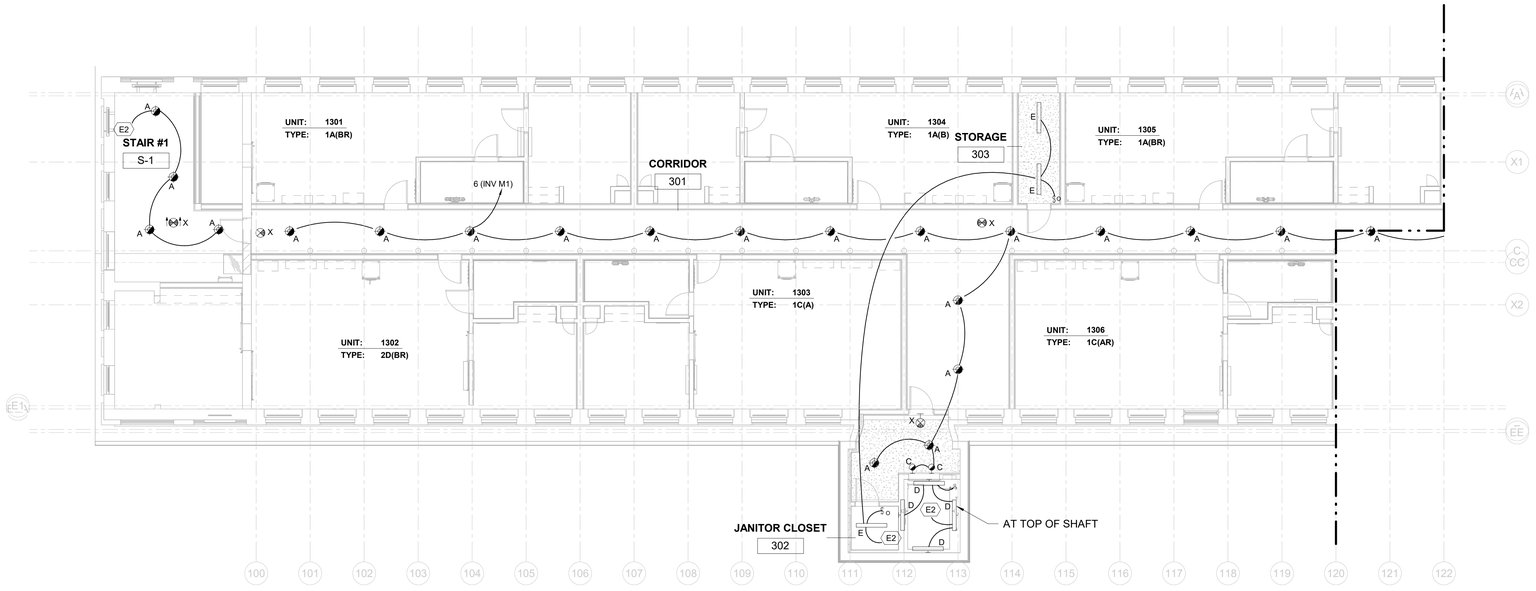
LIGHTING GENERAL SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS, CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA, TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.

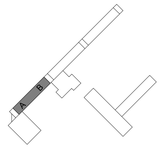
SPECIFIC NOTES - ELECTRICAL NEW	
E2	DOWN TO LEVEL BELOW



2 MILL 1 THIRD FLOOR PLAN B - LIGHTING
1/8" = 1'-0"



1 MILL 1 THIRD FLOOR PLAN A - LIGHTING
1/8" = 1'-0"



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
THIRD FLOOR PLAN, MILL 1 - LIGHTING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

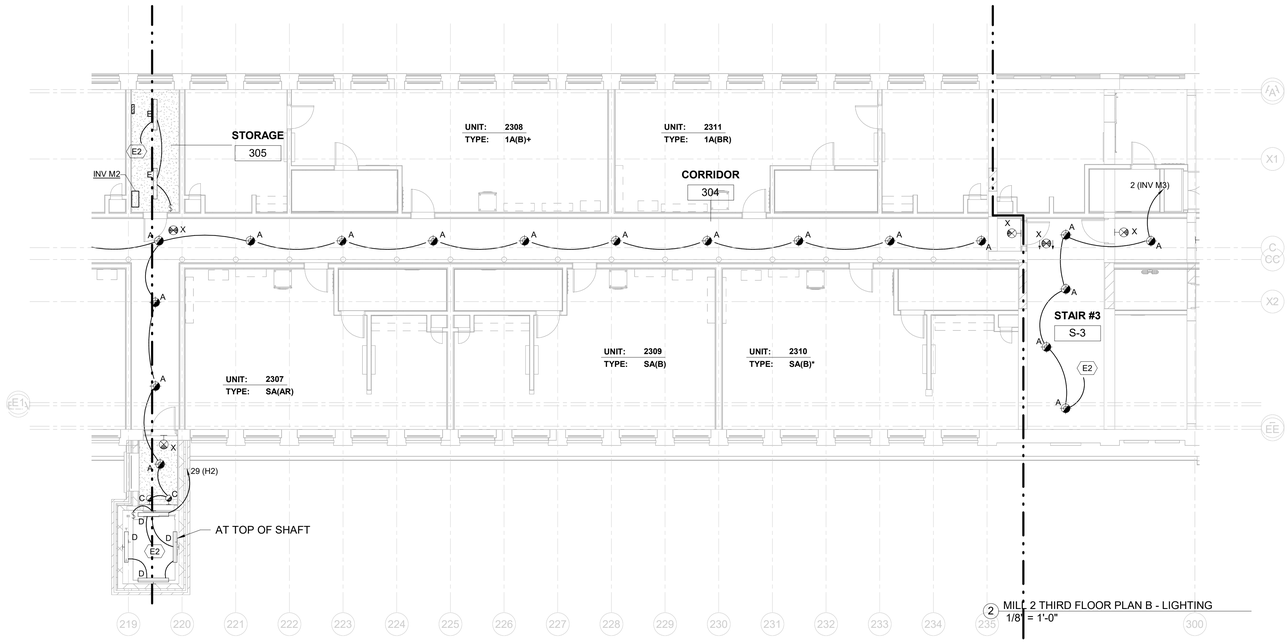
E1.08

10/16/2020 4:42:24 PM C:\Users\gfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurst8JZRU.rvt

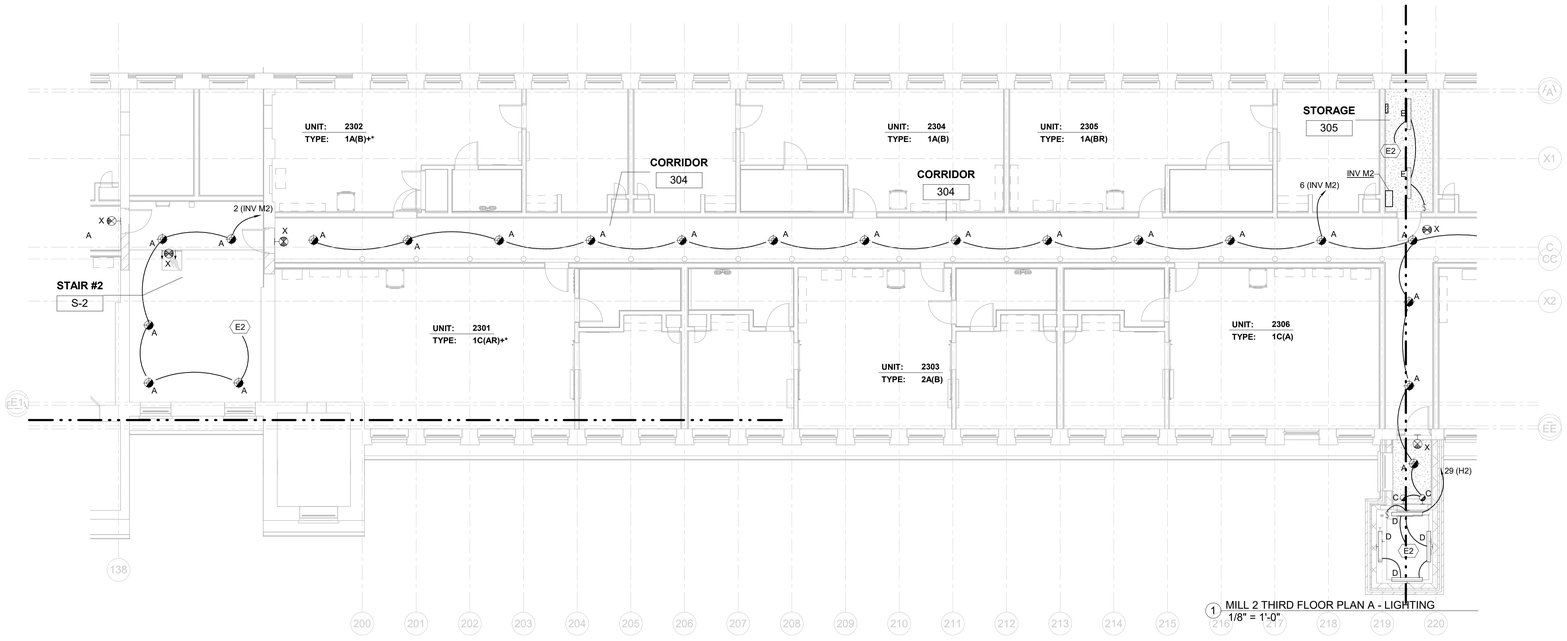
LIGHTING GENERAL SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS, CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA, TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.

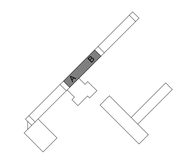
SPECIFIC NOTES - ELECTRICAL NEW	
E2	DOWN TO LEVEL BELOW



2 MILL 2 THIRD FLOOR PLAN B - LIGHTING
1/8" = 1'-0"



1 MILL 2 THIRD FLOOR PLAN A - LIGHTING
1/8" = 1'-0"



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
THIRD FLOOR PLAN, MILL 2 - LIGHTING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

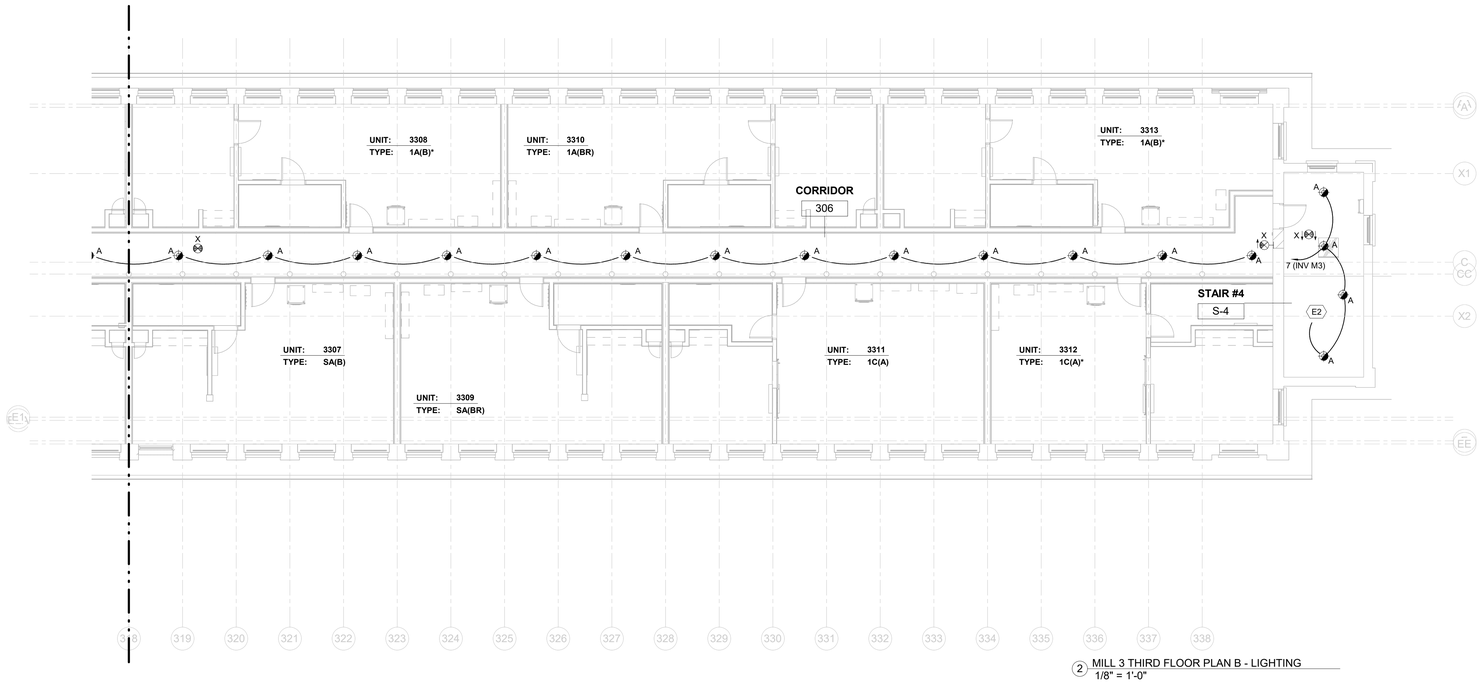
E1.09

10/16/2020 4:42:32 PM C:\Users\gfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurst&JZRU.rvt

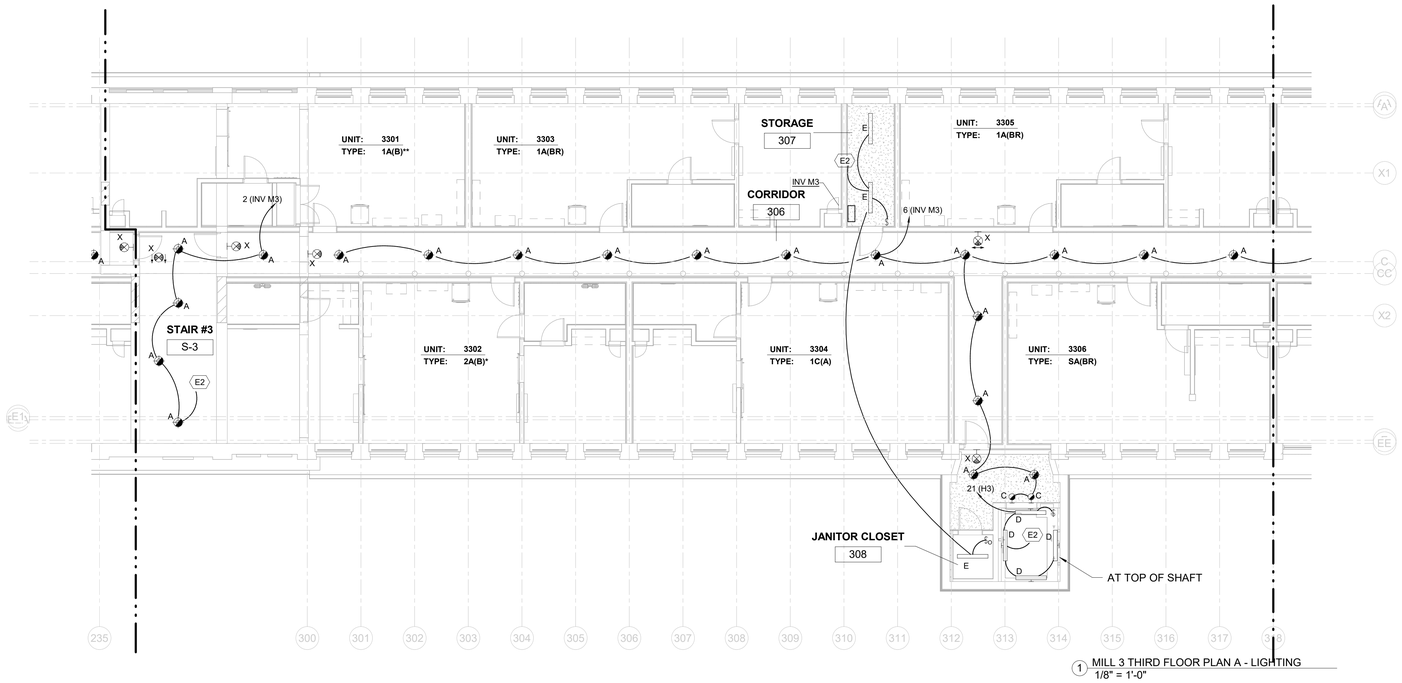
LIGHTING GENERAL SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS. CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA, TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.

SPECIFIC NOTES - ELECTRICAL NEW	
E2	DOWN TO LEVEL BELOW



2 MILL 3 THIRD FLOOR PLAN B - LIGHTING
1/8" = 1'-0"



1 MILL 3 THIRD FLOOR PLAN A - LIGHTING
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
THIRD FLOOR PLAN, MILL 3 - LIGHTING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

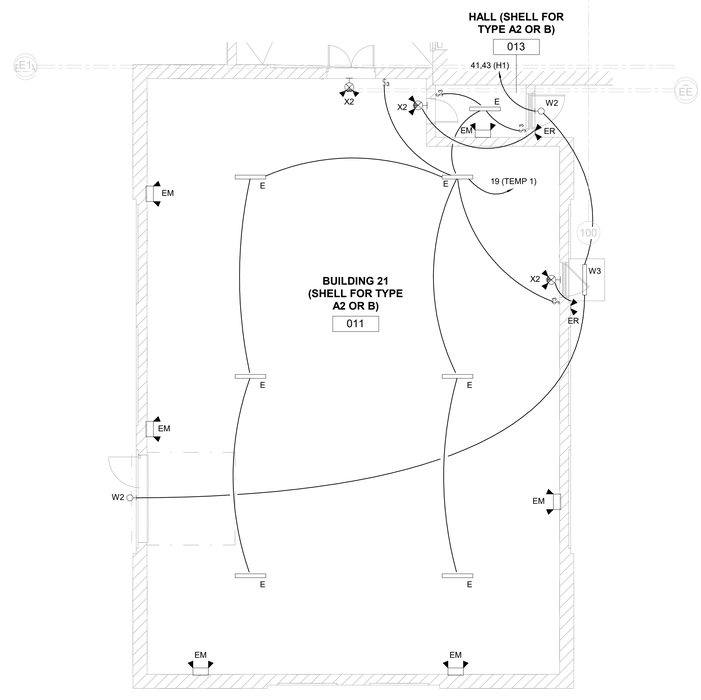
E1.10

10/16/2020 4:42:39 PM C:\Users\jfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfurst8JZRU.rvt

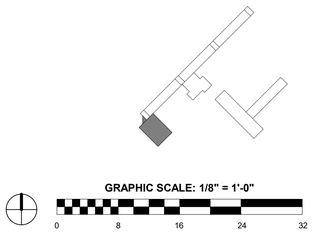
LIGHTING GENERAL SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS. CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA. TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.

SPECIFIC NOTES - ELECTRICAL NEW



1 BUILDING 21 PLAN - LIGHTING
1/8" = 1'-0"



ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
BUILDING-21 FLOOR PLAN - LIGHTING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	JAF	GBF

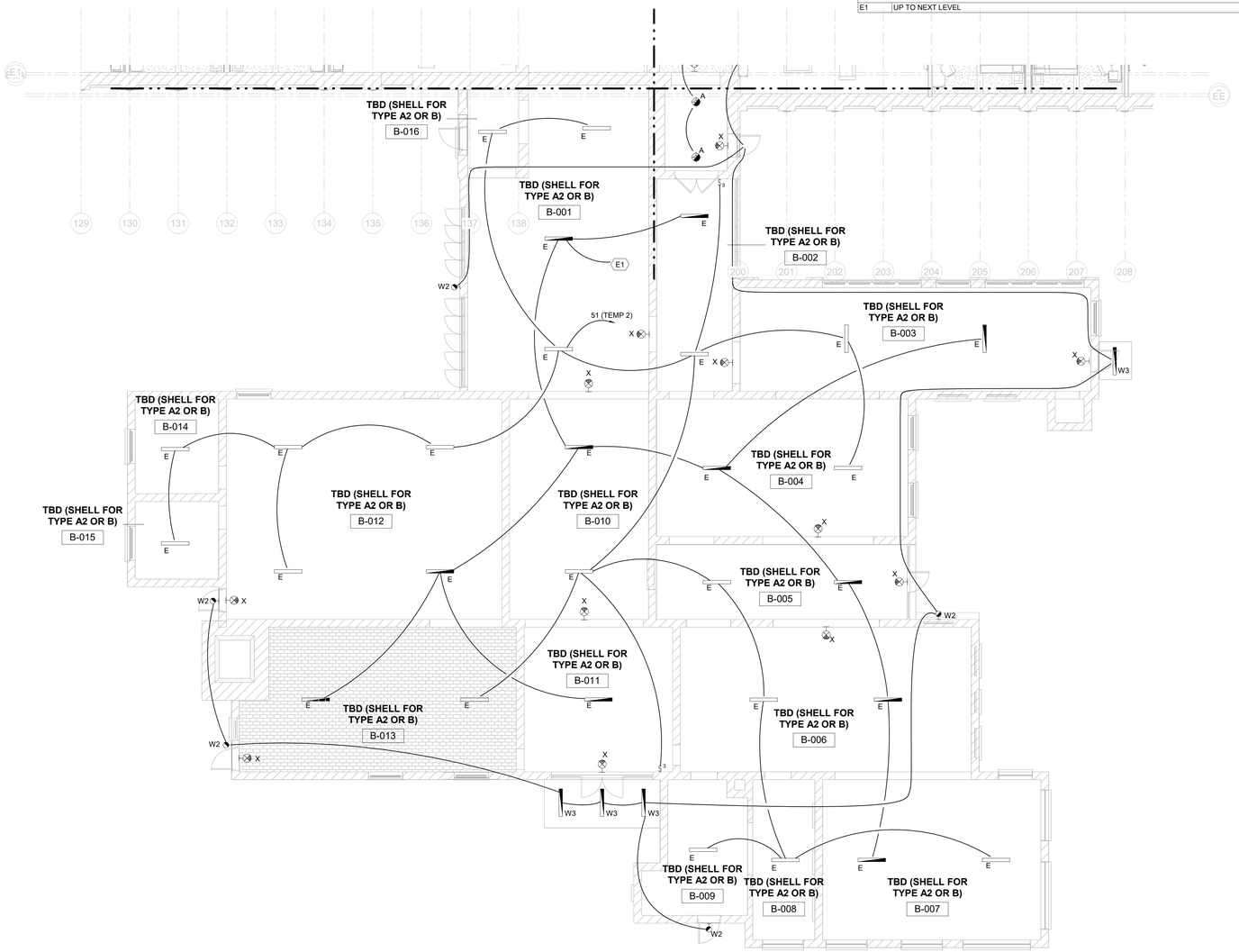
E1.11

10/16/2020 4:42:41 PM C:\Users\jfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfunk8JZRU.rvt

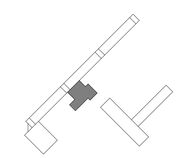
LIGHTING GENERAL SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS. CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA, TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.

SPECIFIC NOTES - ELECTRICAL NEW	
E1	UP TO NEXT LEVEL



1 BOILER PLANT FIRST FLOOR PLAN - LIGHTING
1/8" = 1'-0"



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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
BOILER PLANT FIRST FLOOR PLAN - LIGHTING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

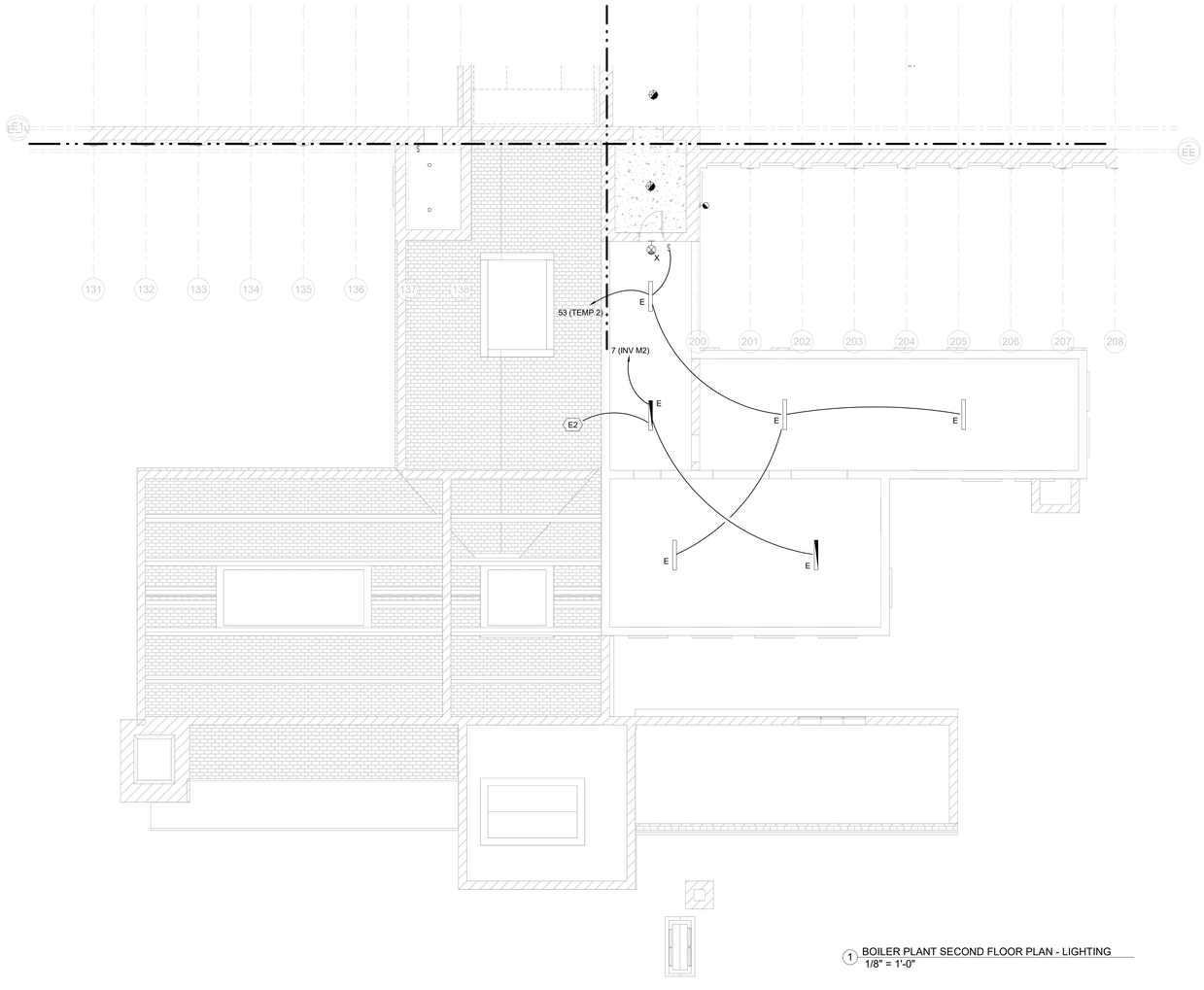
E1.12

10/16/2020 4:42:45 PM C:\Users\gfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfunk8JzR0.rvt

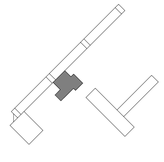
LIGHTING GENERAL SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. FIELD VERIFY EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
3. EXIT SIGNS SHALL BE CONNECTED TO LOCAL EMERGENCY LIGHTING CIRCUIT, WITH CONDUIT AND WIRING AS REQUIRED, BEFORE ANY SWITCHING.
4. IN ALL ROOMS WITH CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSORS. CONNECT ALL SENSORS AND SWITCHES IN EACH ROOM, OR CONNECTED AREA, TO ROOM CONTROLLER IN THAT AREA.
5. EMERGENCY LIGHTING CONTROL RELAYS (ELR) SHALL BE INSTALLED WITH EMERGENCY SOURCE INDICATED AND A NORMAL SOURCE CONDUCTOR CONNECTED ON THE LINE SIDE OF ALL CONTROLS FOR THE AREA BRANCH CIRCUIT. PROVIDE UL924 LISTED ELR DEVICES, TYPE AS REQUIRED, FOR ALL EMERGENCY LIGHT FIXTURES BEING CONTROLLED (SWITCHED OR DIMMED).
6. CONFIGURE OCCUPANCY SENSORS IN COMMON AREAS (CORRIDORS, STAIR TOWERS, VESTIBULES, ELEV LOBBIES, ETC.) TO TURN NON-EMERGENCY (NOT SHADED) FIXTURES OFF WHEN NO MOTION IS DETECTED FOR 30 MINUTES. CONNECT ALL LOW VOLTAGE OCCUPANCY SENSORS IN THESE AREAS TO ROOM CONTROLLER IN THAT AREA.

SPECIFIC NOTES - ELECTRICAL NEW	
E2	DOWN TO LEVEL BELOW



1 BOILER PLANT SECOND FLOOR PLAN - LIGHTING
1/8" = 1'-0"



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
BOILER PLANT SECOND FLOOR PLAN - LIGHTING

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

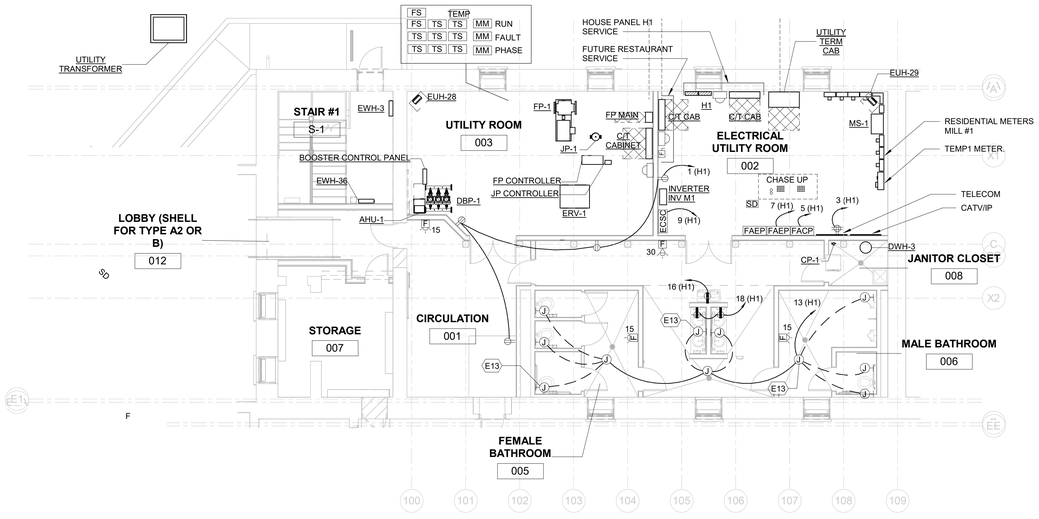
E1.13

10/16/2020 4:42:48 PM C:\Users\jfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfunk8JPRU.rvt

DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.

SPECIFIC NOTES - ELECTRICAL	
E13	AUTO FLUSH VALVE OR LAVATORY CONNECTIONS. PROVIDE POWER OUTLETS OR LOW VOLTAGE CONNECTIONS PER EQUIPMENT REQUIREMENTS. COORDINATE OUTLET LOCATIONS WITH WITH MANUFACTURER'S ROUGH IN REQUIREMENTS.



1 MILL 1 BASEMENT PLAN - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
BASEMENT FLOOR PLAN MILL 1 - POWER AND SPECIAL SYSTEMS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

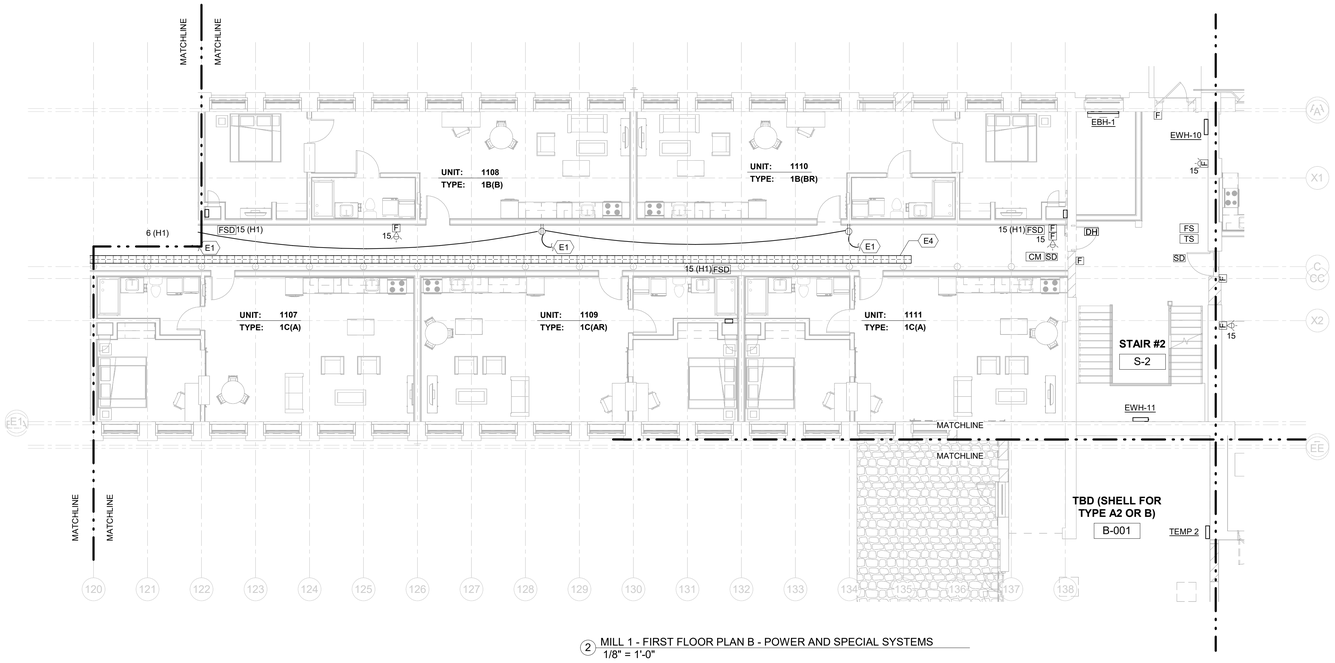
E2.01

10/16/2020 4:42:51 PM C:\Users\jfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfunk8JR0J.rvt

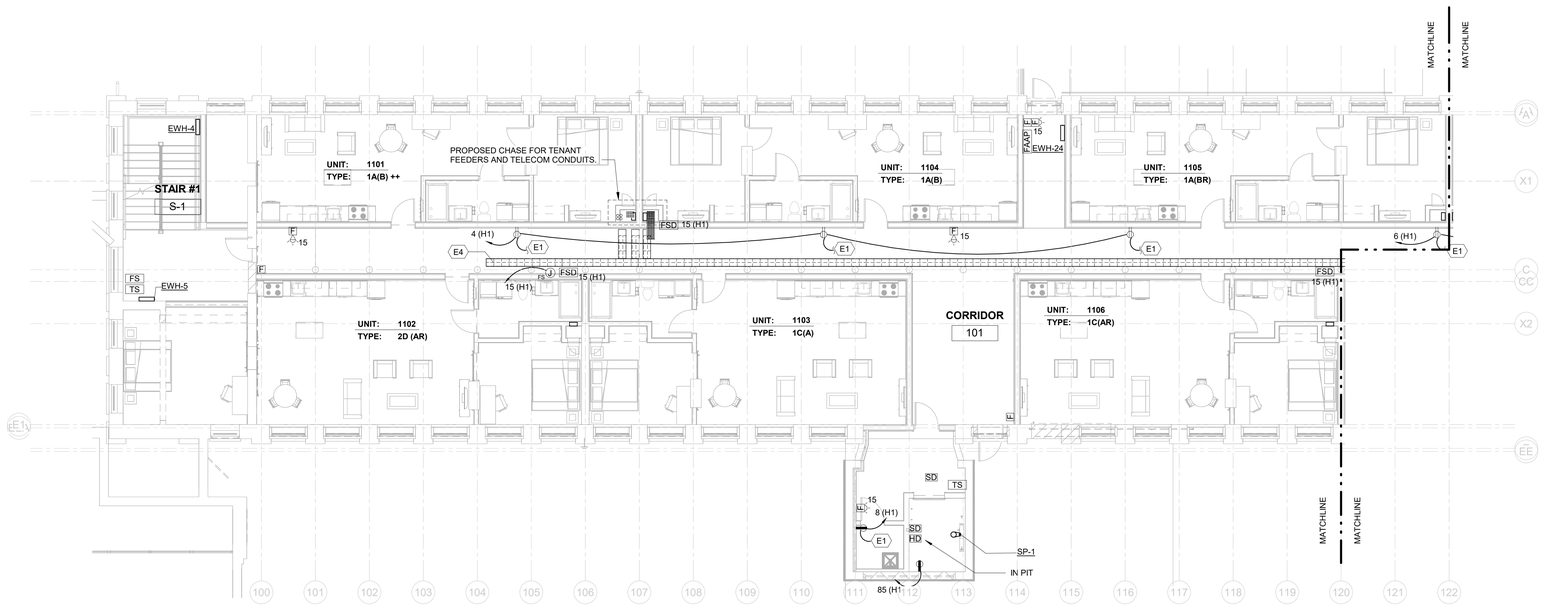
DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.

SPECIFIC NOTES - ELECTRICAL	
E1	UP TO NEXT LEVEL
E4	WIRE CABLE TRAY IN EXPOSED CEILING FOR APARTMENT POWER FEEDERS. COORDINATE WITH LIGHTING AND MECHANICAL SYSTEMS AND HOLD TIGHT TO SIDE WALL. INSTALL AS CLOSE TO UPPER FLOOR STRUCTURE AS POSSIBLE. PROVIDE ALL NECESSARY COUPLINGS, OFFSETS, SUPPORTS, ETC... SNAKE BASKET CABLE TRAY OR EQUAL. PROVIDE #6CU GROUND TO MAN BUILDING GROUND BUSS OR BETWEEN CABLE TRAYS.

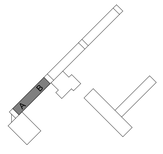


2 MILL 1 - FIRST FLOOR PLAN B - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



1 MILL 1 - FIRST FLOOR PLAN A - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

BUILDING UNIT KEY - ELECTRICAL PHASE 1		
UNIT TYPE	PLAN #	SHEET #
SA (B)/SA (B.R)	1	E4.01
1A (B)/1A (B.R)	2	E4.01
1C (A)/1C (A)*/1C (A.R)	3/8	E4.01
1B (B)/1B (B.R)	4/7	E4.01
2A (B)	5	E4.01
2A (B)*	6	E4.01
1A (B)+/1A (B)+*/1A (B)++	1/6/7	E4.02
1F	2	E4.02
SA (B)*	3	E4.02
1A (B)**/1A (B)***	4	E4.02
1A (B)*	5	E4.02
1G (B)*	1	E4.03
2D (A)	2	E4.03
SA (A.R)	3	E4.03
1C (A)*	4	E4.03



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
FIRST FLOOR PLAN, MILL 1 - POWER AND SPECIAL SYSTEMS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

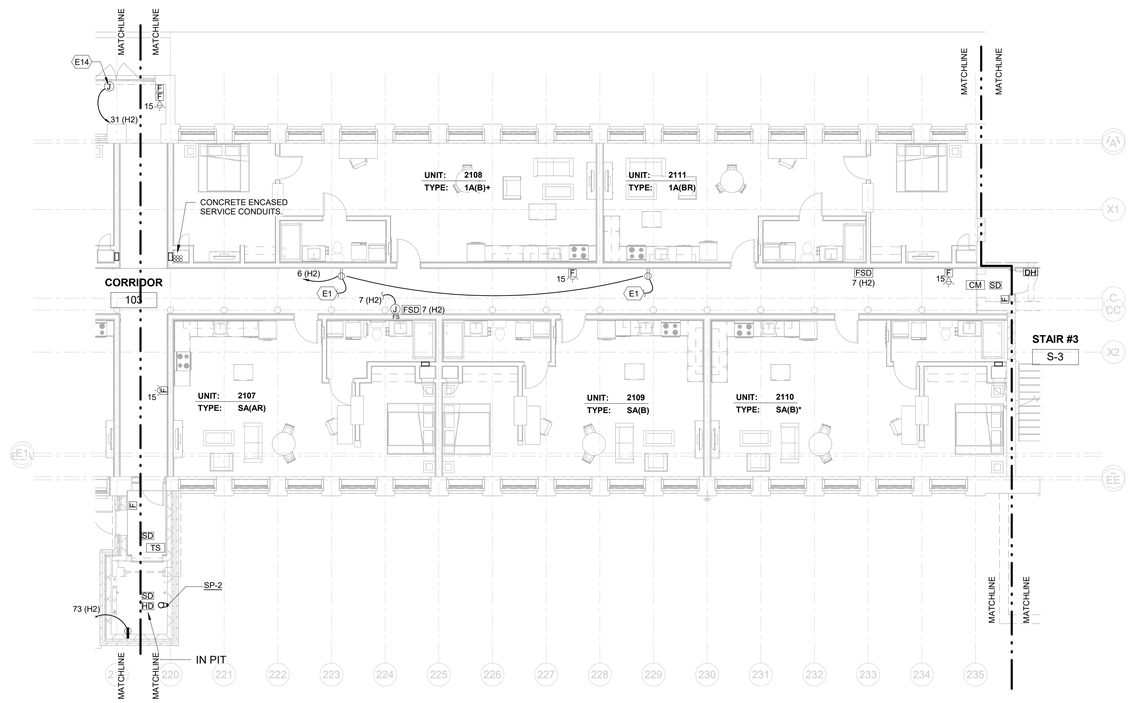
E2.02

10/16/2020 4:43:03 PM C:\Users\jfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfurst6JZRU.rvt

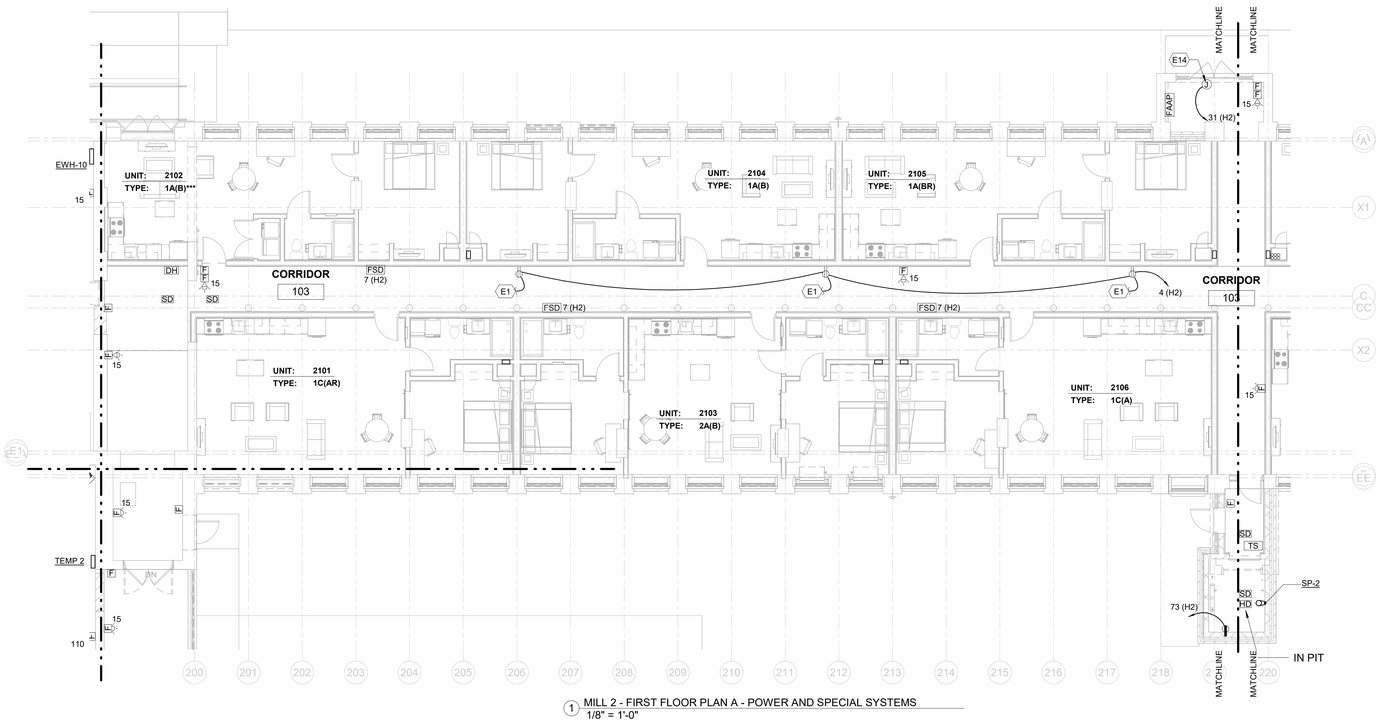
SPECIFIC NOTES - ELECTRICAL	
E1	UP TO NEXT LEVEL
E14	PROVIDE WEATHERPROOF JUNCTION BOX ABOVE ENTRANCE ROOF FOR POWER TO SIGN ABOVE. COORDINATE EXACT LOCATION IN FIELD.

DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.

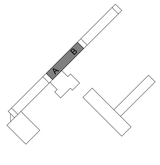


2 MILL 2 - FIRST FLOOR PLAN B - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



1 MILL 2 - FIRST FLOOR PLAN A - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

BUILDING UNIT KEY - ELECTRICAL PHASE 1		
UNIT TYPE	PLAN #	SHEET #
SA (B)/SA (B.R)	1	E4.01
1A (B)/1A (B.R)	2	E4.01
1C (A)/1C (A)*/1C (A.R)	3/8	E4.01
1B (B)/1B (B.R)	4/7	E4.01
2A (B)	5	E4.01
2A (B)*	6	E4.01
1A (B)+/1A (B)+*/1A (B)++	1/6/7	E4.02
1F	2	E4.02
SA (B)*	3	E4.02
1A (B)**/1A (B)***	4	E4.02
1A (B)*	5	E4.02
1G (B)*	1	E4.03
2D (A)	2	E4.03
SA (A.R)	3	E4.03
1C (A)*	4	E4.03



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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
FIRST FLOOR PLAN, MILL 2 - POWER AND SPECIAL SYSTEMS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

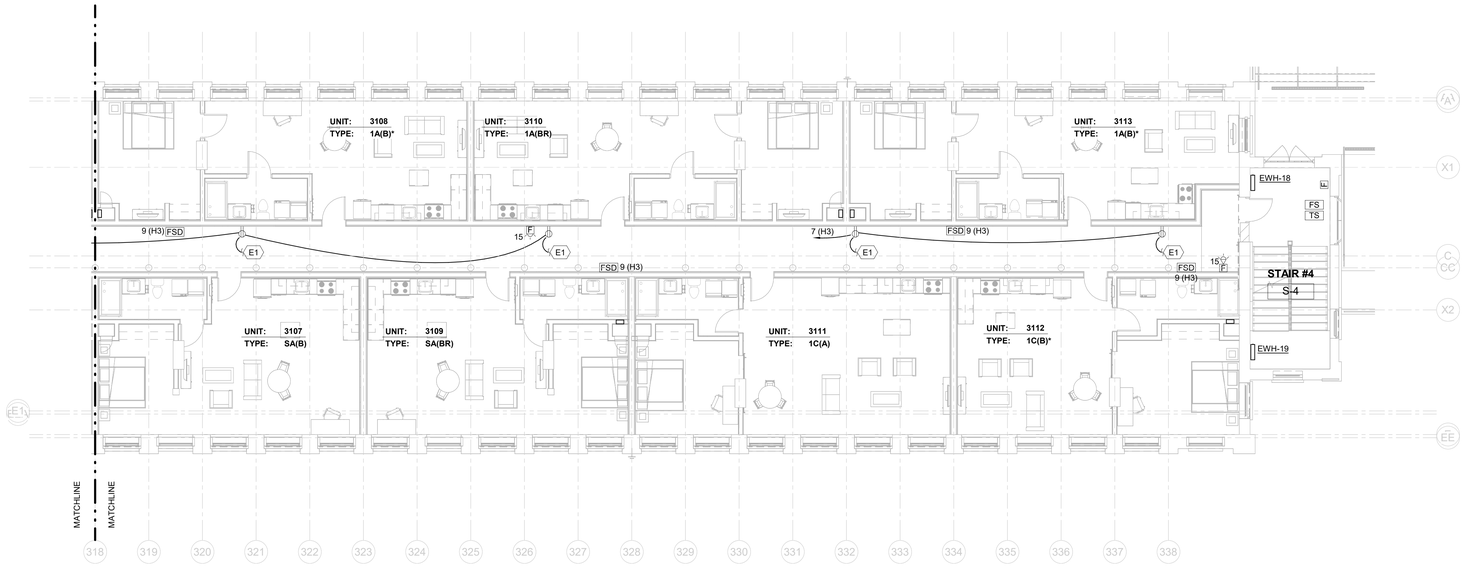
E2.03

10/16/2020 4:43:09 PM C:\Users\gfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfunk8J2RU.rvt

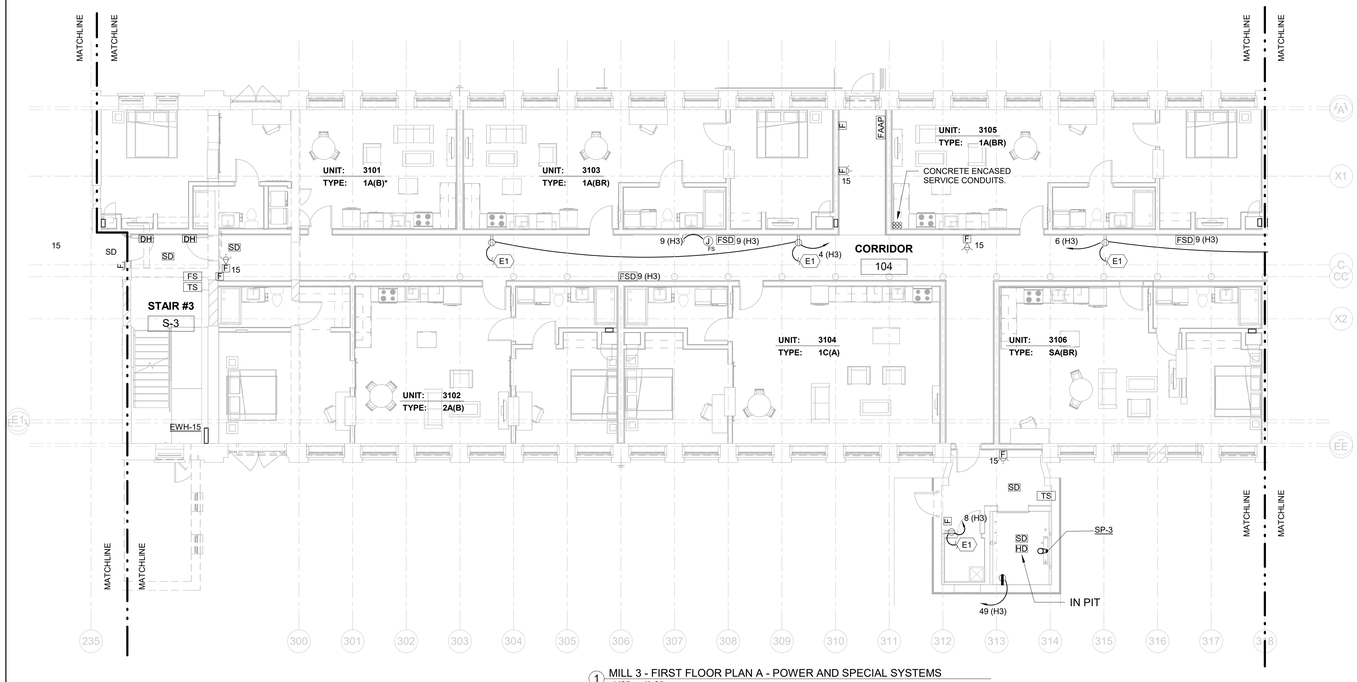
SPECIFIC NOTES - ELECTRICAL	
E1	UP TO NEXT LEVEL

DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.

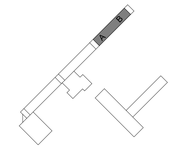


2 MILL 3 - FIRST FLOOR PLAN B - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



1 MILL 3 - FIRST FLOOR PLAN A - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

BUILDING UNIT KEY - ELECTRICAL PHASE 1		
UNIT TYPE	PLAN #	SHEET #
SA (B)/SA (B.R)	1	E4.01
1A (B)/1A (B.R)	2	E4.01
1C (A)/1C (A)*/1C (A.R)	3/8	E4.01
1B (B)/1B (B.R)	4/7	E4.01
2A (B)	5	E4.01
2A (B)*	6	E4.01
1A (B)+/1A (B)+*/1A (B)++	1/6/7	E4.02
1F	2	E4.02
SA (B)*	3	E4.02
1A (B)**/1A (B)***	4	E4.02
1A (B)*	5	E4.02
1G (B)*	1	E4.03
2D (A)	2	E4.03
SA (A.R)	3	E4.03
1C (A)*	4	E4.03



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
FIRST FLOOR PLAN, MILL 3 - POWER AND SPECIAL SYSTEMS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

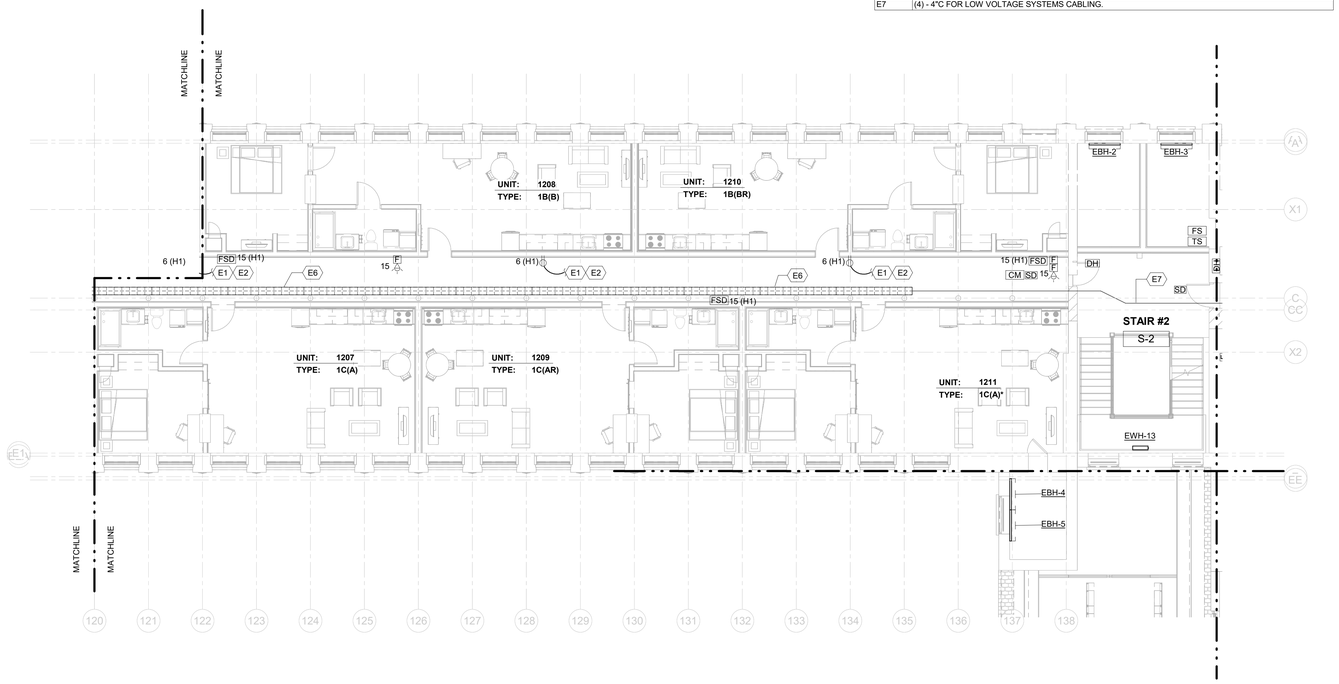
E2.04

10/16/2020 4:43:18 PM C:\Users\jfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfurst8JZRU.rvt

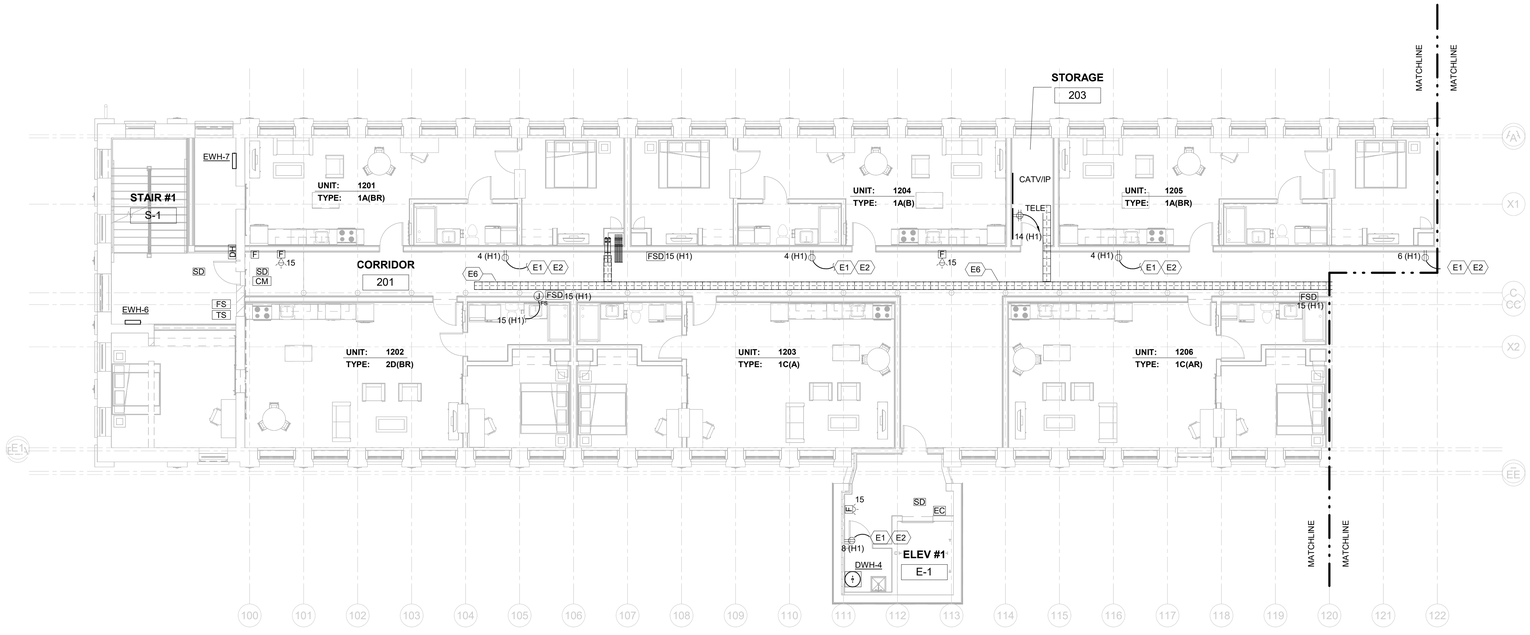
DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.

SPECIFIC NOTES - ELECTRICAL	
E1	UP TO NEXT LEVEL
E2	DOWN TO LEVEL BELOW
E6	TWO TIERED WIRE CABLE TRAYS IN EXPOSED CEILING WITH LOWER CABLE TRAY FOR APARTMENT POWER FEEDERS AND UPPER CABLE TRAY FOR APARTMENT TELEPHONE/CATV/IP CABLING. COORDINATE WITH LIGHTING AND MECHANICAL SYSTEMS AND HOLD TIGHT TO SIDE WALL. INSTALL AS CLOSE TO UPPER FLOOR STRUCTURE AS POSSIBLE. PROVIDE ALL NECESSARY COUPLINGS, OFFSETS, SUPPORTS, ETC…SNAKE BASKET CABLE TRAY OR EQUAL. PROVIDE #6CU GROUND TO MAN BUILDING GROUND BUSS OR BETWEEN CABLE TRAYS.
E7	(4) - 4"C FOR LOW VOLTAGE SYSTEMS CABLING.

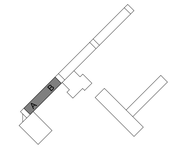


2 MILL 1 - SECOND FLOOR PLAN B - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



1 MILL 1 - SECOND FLOOR PLAN A - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

BUILDING UNIT KEY - ELECTRICAL PHASE 1		
UNIT TYPE	PLAN #	SHEET #
SA (B)/SA (B.R)	1	E4.01
1A (B)/1A (B.R)	2	E4.01
1C (A)/1C (A)*/1C (A.R)	3/8	E4.01
1B (B)/1B (B.R)	4/7	E4.01
2A (B)	5	E4.01
2A (B)*	6	E4.01
1A (B)+/1A (B)*/1A (B)++	1/6/7	E4.02
1F	2	E4.02
SA (B)*	3	E4.02
1A (B)**/1A (B)***	4	E4.02
1A (B)*	5	E4.02
1G (B)*	1	E4.03
2D (A)	2	E4.03
SA (A.R)	3	E4.03
1C (A)*	4	E4.03



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
SECOND FLOOR PLAN, MILL 1 - POWER AND SPECIAL SYSTEMS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

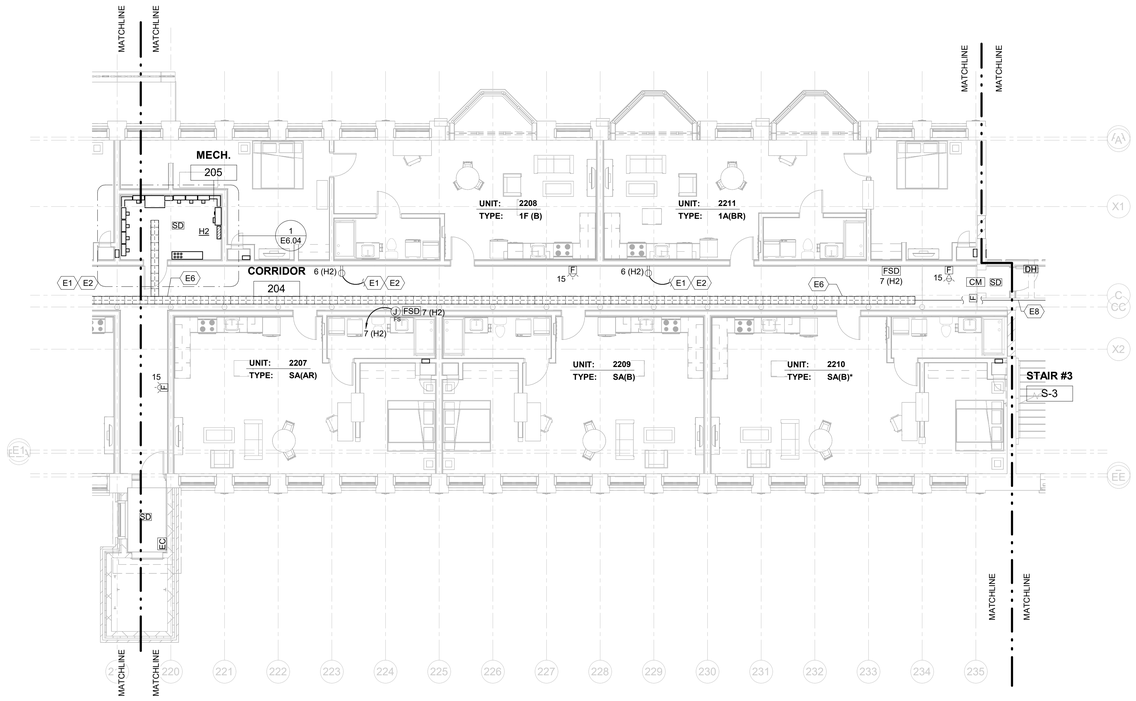
E2.05

10/16/2020 4:43:28 PM C:\Users\gfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurst8JZRU.rvt

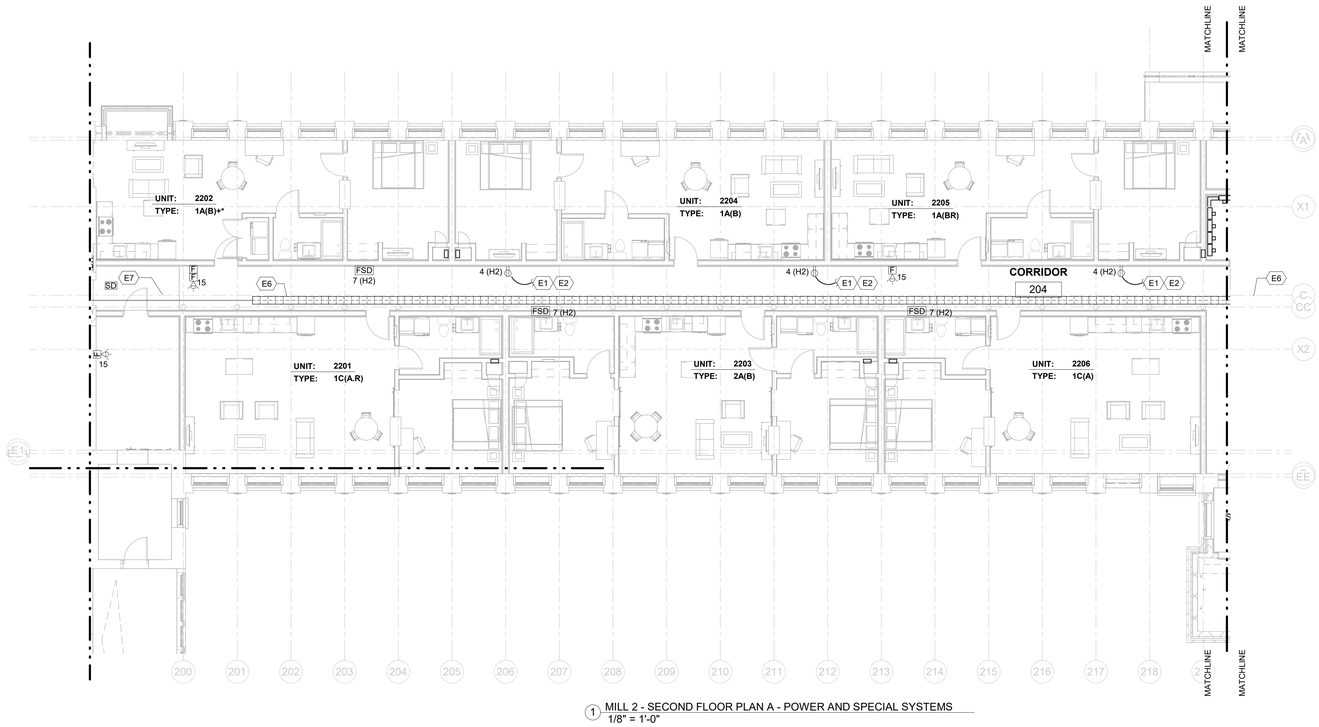
DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.

SPECIFIC NOTES - ELECTRICAL	
E1	UP TO NEXT LEVEL
E2	DOWN TO LEVEL BELOW
E6	TWO TIERED WIRE CABLE TRAYS IN EXPOSED CEILING WITH LOWER CABLE TRAY FOR APARTMENT POWER FEEDERS AND UPPER CABLE TRAY FOR APARTMENT TELEPHONE/CATV/IP CABLING. COORDINATE WITH LIGHTING AND MECHANICAL SYSTEMS AND HOLD TIGHT TO SIDE WALL. INSTALL AS CLOSE TO UPPER FLOOR STRUCTURE AS POSSIBLE. PROVIDE ALL NECESSARY COUPLINGS, OFFSETS, SUPPORTS, ETC…SNAKE BASKET CABLE TRAY OR EQUAL. PROVIDE #6CU GROUND TO MAN BUILDING GROUND BUSS OR BETWEEN CABLE TRAYS.
E7	(4) - 4"C FOR LOW VOLTAGE SYSTEMS CABLING.
E8	(2) - 4"C FOR LOW VOLTAGE SYSTEMS CABLING.



2 MILL 2 - SECOND FLOOR PLAN B - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



1 MILL 2 - SECOND FLOOR PLAN A - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

BUILDING UNIT KEY - ELECTRICAL PHASE 1		
UNIT TYPE	PLAN #	SHEET #
SA (B)/SA (B.R)	1	E4.01
1A (B)/1A (B.R)	2	E4.01
1C (A)/1C (A)*/1C (A.R)	3/8	E4.01
1B (B)/1B (B.R)	4/7	E4.01
2A (B)	5	E4.01
2A (B)*	6	E4.01
1A (B)+/1A (B)+*/1A (B)++	1/6/7	E4.02
1F	2	E4.02
SA (B)*	3	E4.02
1A (B)**/1A (B)***	4	E4.02
1A (B)*	5	E4.02
1G (B)*	1	E4.03
2D (A)	2	E4.03
SA (A.R)	3	E4.03
1C (A)*	4	E4.03

GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
SECOND FLOOR PLAN, MILL 2 - POWER AND SPECIAL SYSTEMS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	JAF	GBF

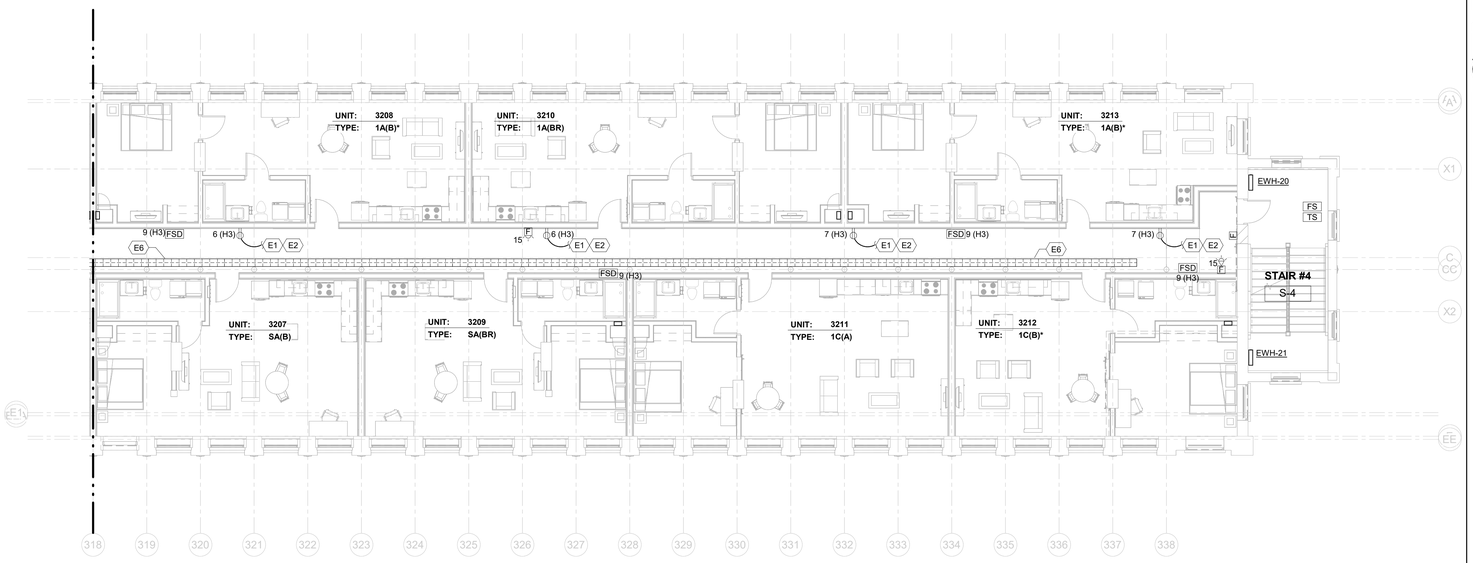
E2.06

10/16/2020 4:43:36 PM C:\Users\gfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfunk8JZRU.rvt

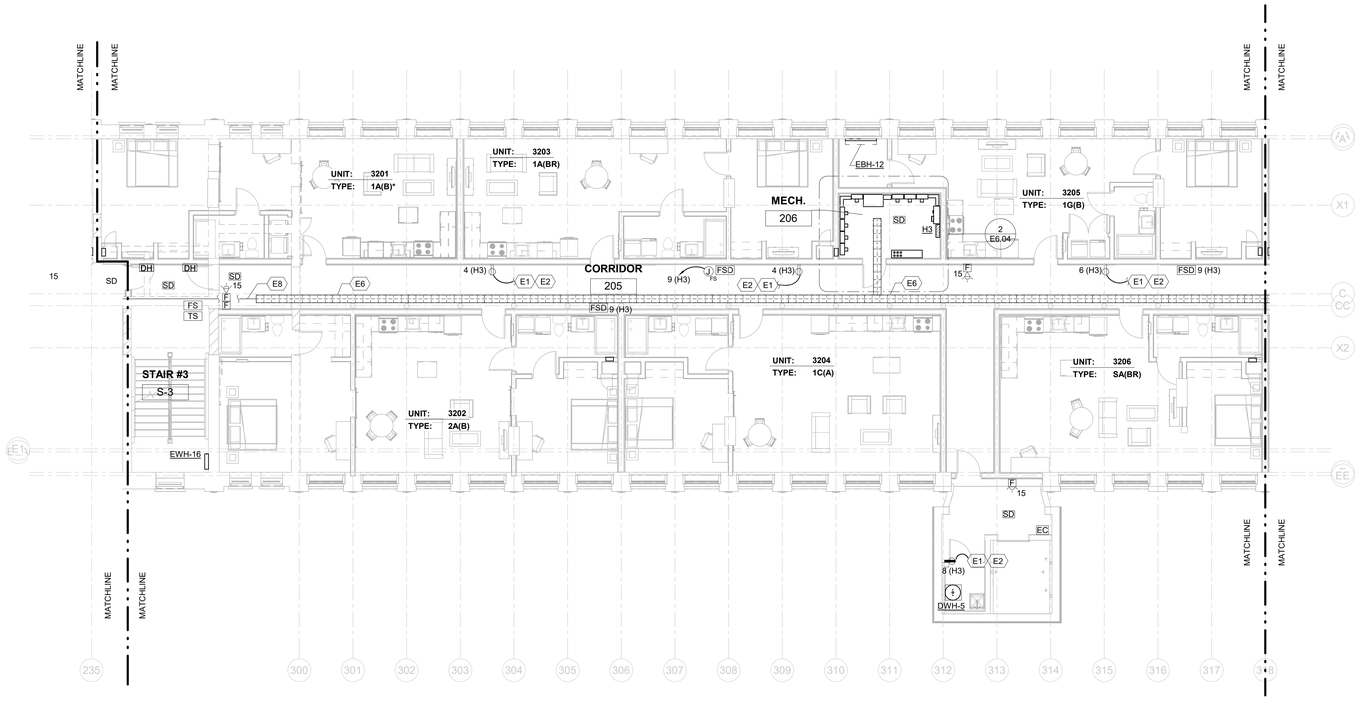
DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.

SPECIFIC NOTES - ELECTRICAL	
E1	UP TO NEXT LEVEL
E2	DOWN TO LEVEL BELOW
E6	TWO TIERED WIRE CABLE TRAYS IN EXPOSED CEILING WITH LOWER CABLE TRAY FOR APARTMENT POWER FEEDERS AND UPPER CABLE TRAY FOR APARTMENT TELEPHONE/CATV/IP CABLING. COORDINATE WITH LIGHTING AND MECHANICAL SYSTEMS AND HOLD TIGHT TO SIDE WALL. INSTALL AS CLOSE TO UPPER FLOOR STRUCTURE AS POSSIBLE. PROVIDE ALL NECESSARY COUPLINGS, OFFSETS, SUPPORTS, ETC…SNAKE BASKET CABLE TRAY OR EQUAL. PROVIDE #6CU GROUND TO MAN BUILDING GROUND BUSS OR BETWEEN CABLE TRAYS.
E8	(2) - 4"C FOR LOW VOLTAGE SYSTEMS CABLING.



2 MILL 3 - SECOND FLOOR PLAN B - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



1 MILL 3 - SECOND FLOOR PLAN A - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

BUILDING UNIT KEY - ELECTRICAL PHASE 1		
UNIT TYPE	PLAN #	SHEET #
SA (B)/SA (B.R)	1	E4.01
1A (B)/1A (B.R)	2	E4.01
1C (A)/1C (A)*/1C (A.R)	3/8	E4.01
1B (B)/1B (B.R)	4/7	E4.01
2A (B)	5	E4.01
2A (B)*	6	E4.01
1A (B)+/1A (B)+*/1A (B)++	1/6/7	E4.02
1F	2	E4.02
SA (B)*	3	E4.02
1A (B)**/1A (B)***	4	E4.02
1A (B)*	5	E4.02
1G (B)*	1	E4.03
2D (A)	2	E4.03
SA (A.R)	3	E4.03
1C (A)*	4	E4.03

GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
SECOND FLOOR PLAN, MILL 3 - POWER AND SPECIAL SYSTEMS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

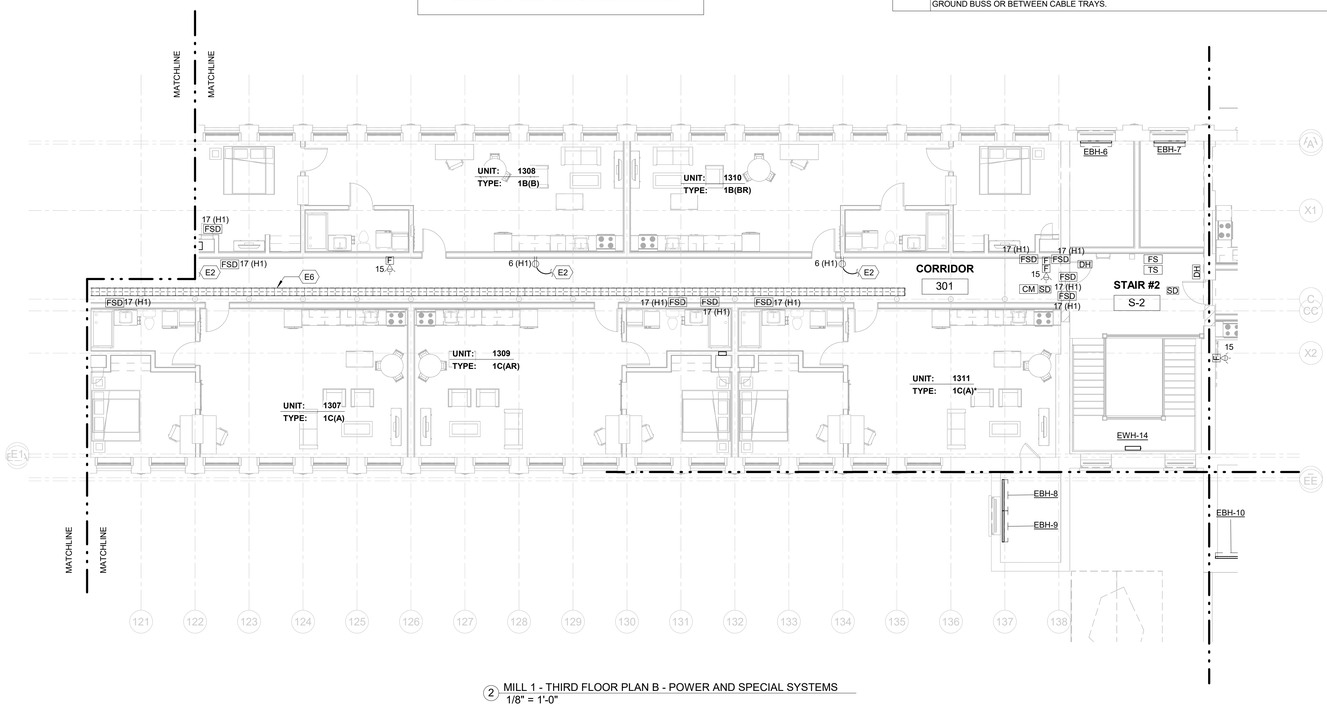
E2.07

10/16/2020 4:43:43 PM C:\Users\jfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfurst8JZRU.rvt

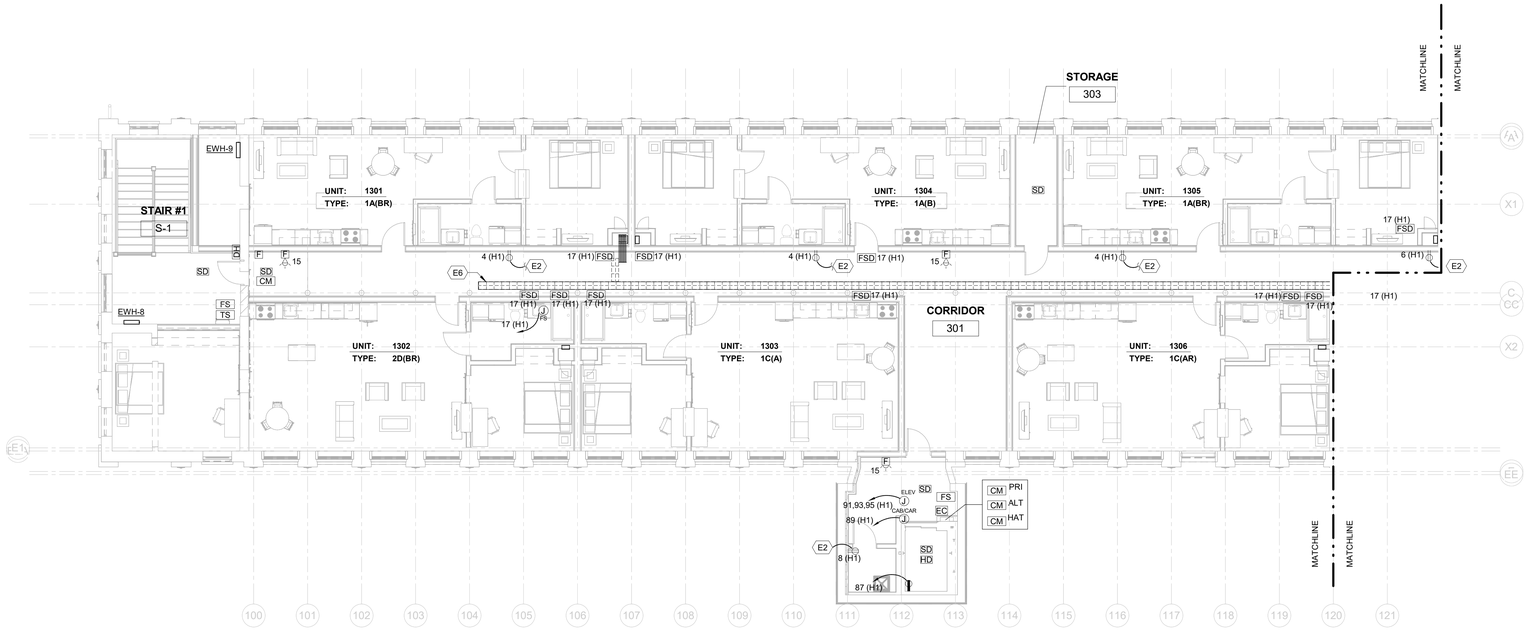
DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.

SPECIFIC NOTES - ELECTRICAL	
E2	DOWN TO LEVEL BELOW
E6	TWO TIERED WIRE CABLE TRAYS IN EXPOSED CEILING WITH LOWER CABLE TRAY FOR APARTMENT POWER FEEDERS AND UPPER CABLE TRAY FOR APARTMENT TELEPHONE/CATV/IP CABLING. COORDINATE WITH LIGHTING AND MECHANICAL SYSTEMS AND HOLD TIGHT TO SIDE WALL. INSTALL AS CLOSE TO UPPER FLOOR STRUCTURE AS POSSIBLE. PROVIDE ALL NECESSARY COUPLINGS, OFFSETS, SUPPORTS, ETC.. SNAKE BASKET CABLE TRAY OR EQUAL. PROVIDE #6CU GROUND TO MAIN BUILDING GROUND BUSS OR BETWEEN CABLE TRAYS.

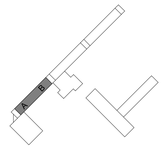


2 MILL 1 - THIRD FLOOR PLAN B - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



1 MILL 1 - THIRD FLOOR PLAN A - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

BUILDING UNIT KEY - ELECTRICAL PHASE 1		
UNIT TYPE	PLAN #	SHEET #
SA (B)/SA (B.R)	1	E4.01
1A (B)/1A (B.R)	2	E4.01
1C (A)/1C (A)*/1C (A.R)	3/8	E4.01
1B (B)/1B (B.R)	4/7	E4.01
2A (B)	5	E4.01
2A (B)*	6	E4.01
1A (B)+/1A (B)+*/1A (B)++	1/6/7	E4.02
1F	2	E4.02
SA (B)*	3	E4.02
1A (B)**/1A (B)***	4	E4.02
1A (B)*	5	E4.02
1G (B)*	1	E4.03
2D (A)	2	E4.03
SA (A.R)	3	E4.03
1C (A)*	4	E4.03



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
THIRD FLOOR PLAN, MILL 1 - POWER AND SPECIAL SYSTEMS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

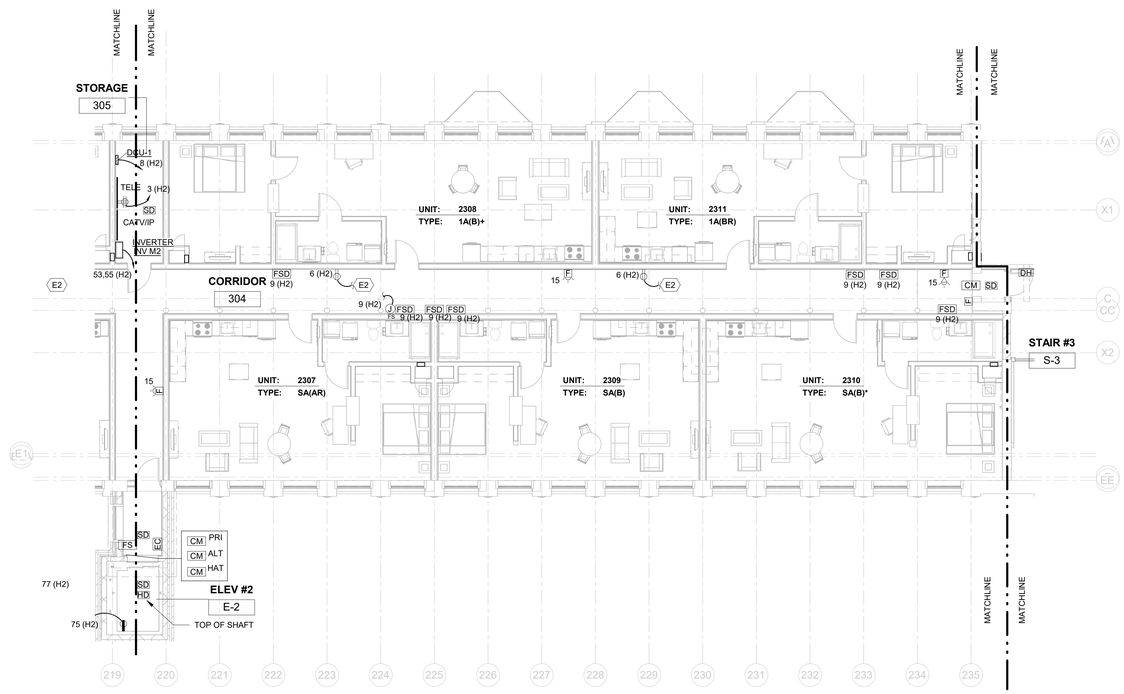
E2.08

10/16/2020 4:43:52 PM C:\Users\gfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurst8JZRU.rvt

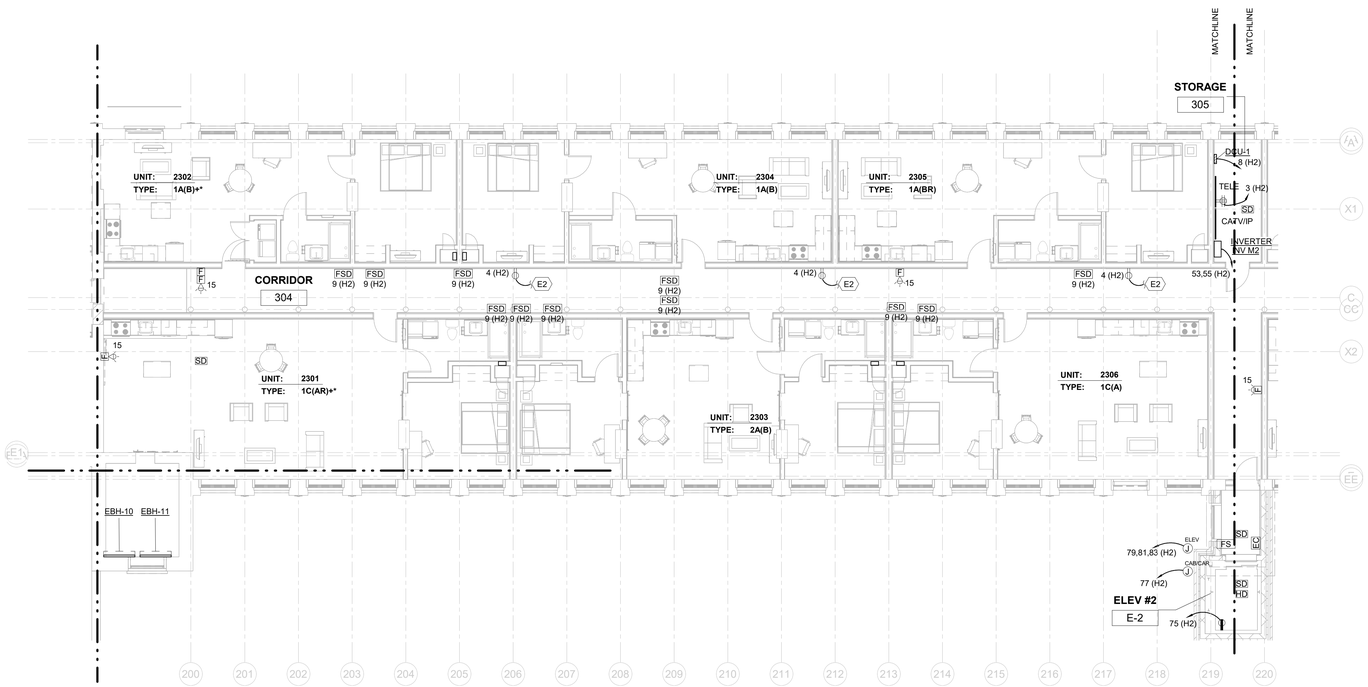
SPECIFIC NOTES - ELECTRICAL	
E2	DOWN TO LEVEL BELOW

DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.

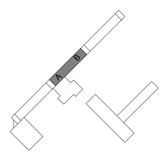


2 MILL 2 - THIRD FLOOR PLAN B - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



1 MILL 2 - THIRD FLOOR PLAN A - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

BUILDING UNIT KEY - ELECTRICAL PHASE 1		
UNIT TYPE	PLAN #	SHEET #
SA (B)/SA (B.R)	1	E4.01
1A (B)/1A (B.R)	2	E4.01
1C (A)/1C (A)*/1C (A.R)	3/8	E4.01
1B (B)/1B (B.R)	4/7	E4.01
2A (B)	5	E4.01
2A (B)*	6	E4.01
1A (B)+/1A (B)+*/1A (B)++	1/6/7	E4.02
1F	2	E4.02
SA (B)*	3	E4.02
1A (B)**/1A (B)***	4	E4.02
1A (B)*	5	E4.02
1G (B)*	1	E4.03
2D (A)	2	E4.03
SA (A.R)	3	E4.03
1C (A)*	4	E4.03



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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE

THIRD FLOOR PLAN, MILL 2 - POWER AND SPECIAL SYSTEMS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

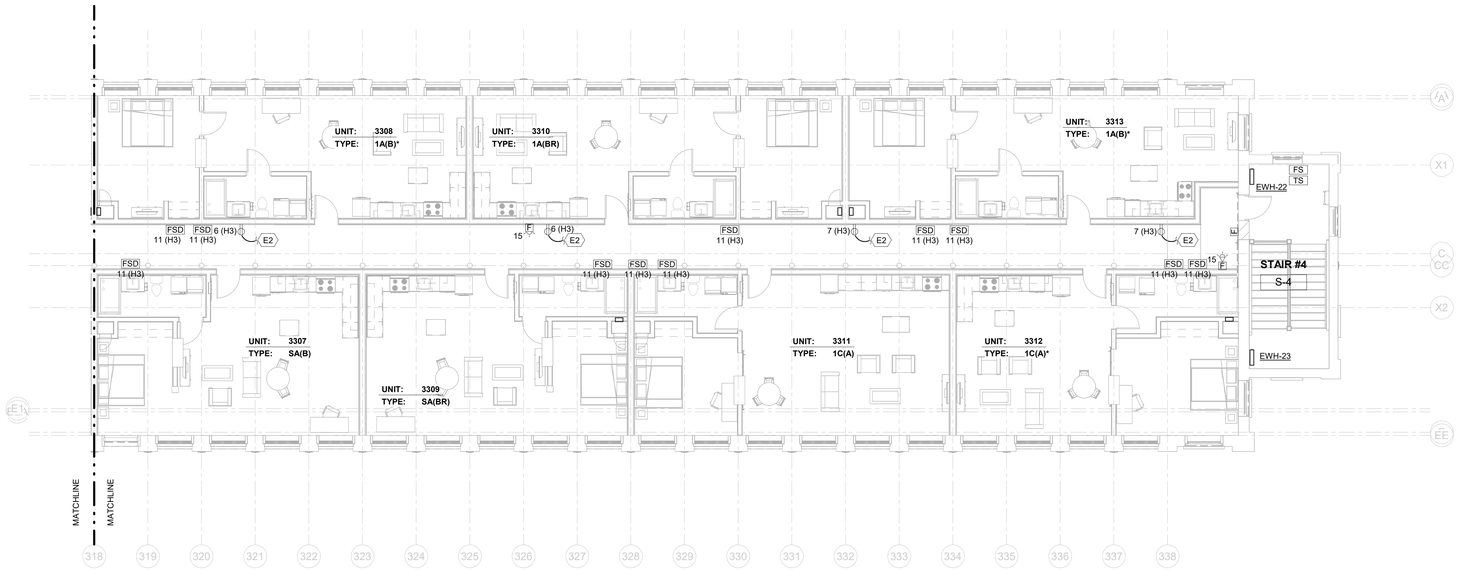
E2.09

10/16/2020 4:44:00 PM C:\Users\jfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfunk8JZRU.rvt

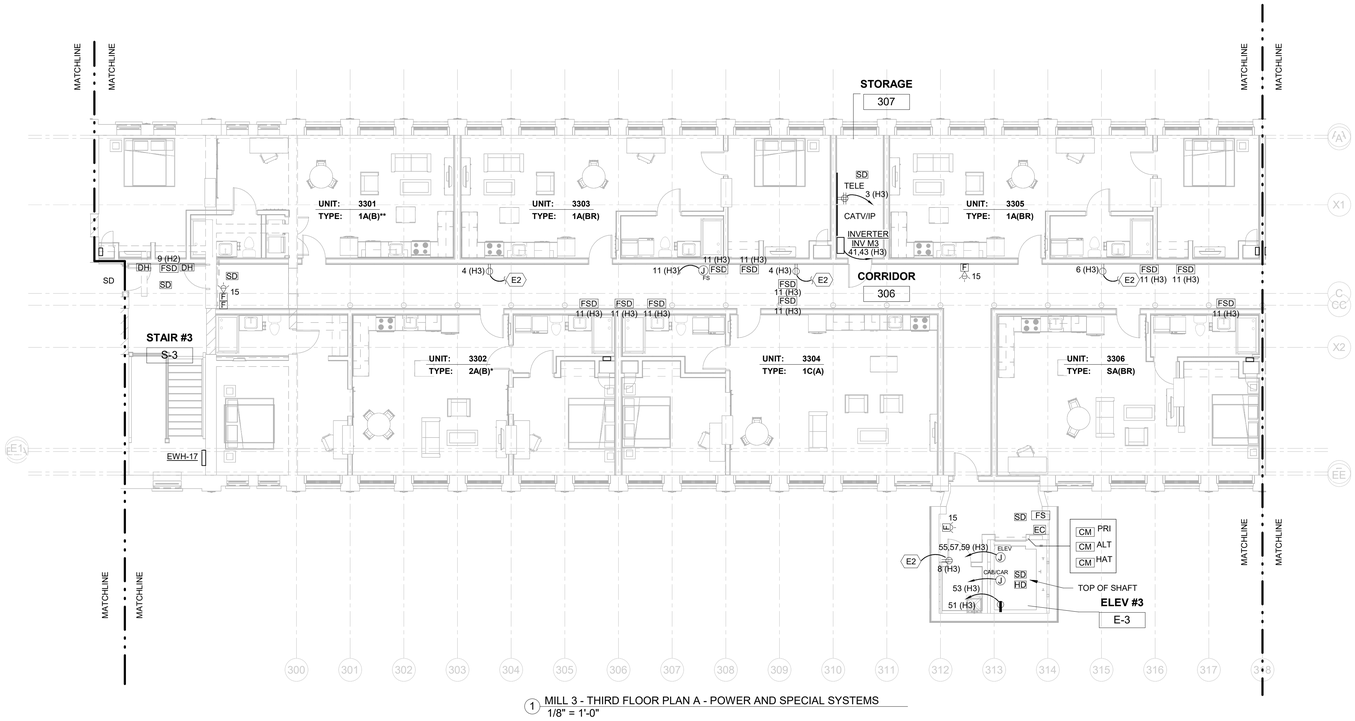
SPECIFIC NOTES - ELECTRICAL	
E2	DOWN TO LEVEL BELOW

DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.

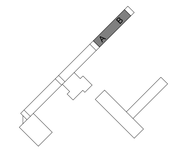


2 MILL 3 - THIRD FLOOR PLAN B - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



1 MILL 3 - THIRD FLOOR PLAN A - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

BUILDING UNIT KEY - ELECTRICAL PHASE 1		
UNIT TYPE	PLAN #	SHEET #
SA (B)/SA (B.R)	1	E4.01
1A (B)/1A (B.R)	2	E4.01
1C (A)/1C (A)*/1C (A.R)	3/8	E4.01
1B (B)/1B (B.R)	4/7	E4.01
2A (B)	5	E4.01
2A (B)*	6	E4.01
1A (B)+/1A (B)+*/1A (B)++	1/6/7	E4.02
1F	2	E4.02
SA (B)*	3	E4.02
1A (B)**/1A (B)***	4	E4.02
1A (B)*	5	E4.02
1G (B)*	1	E4.03
2D (A)	2	E4.03
SA (A.R)	3	E4.03
1C (A)*	4	E4.03



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
THIRD FLOOR PLAN, MILL 3 - POWER AND SPECIAL SYSTEMS

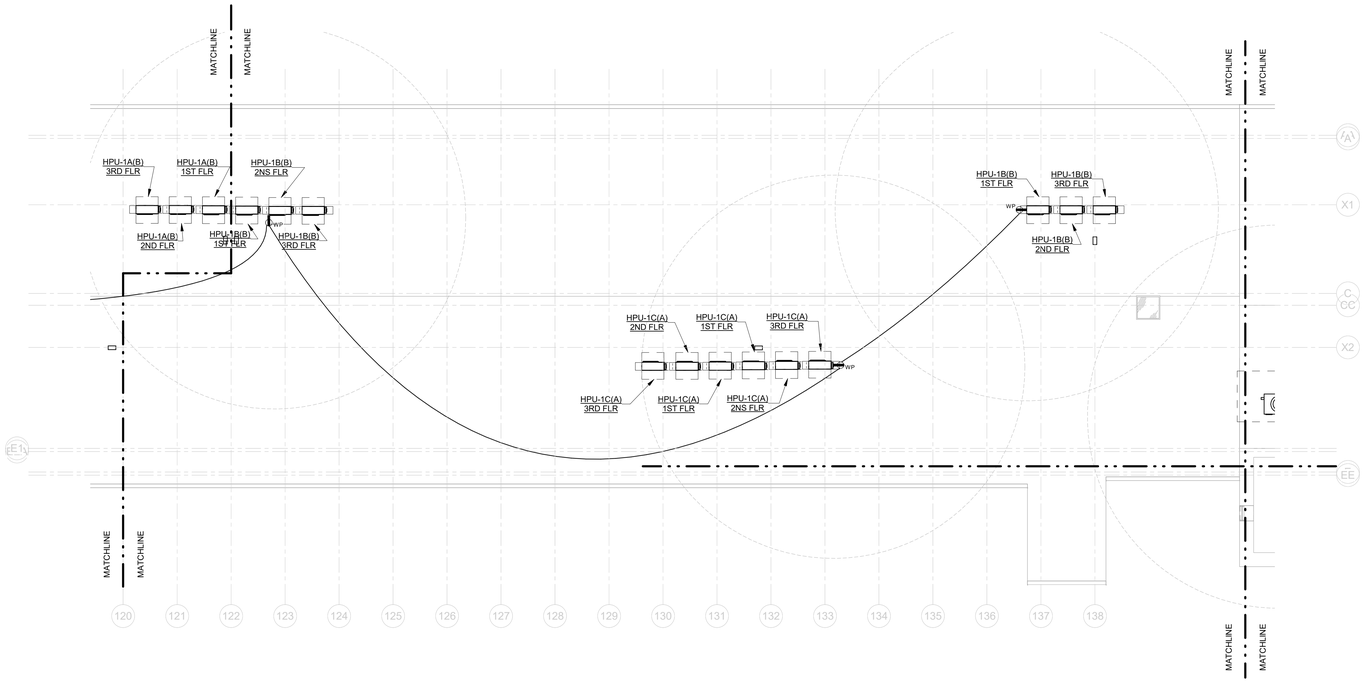
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

E2.10

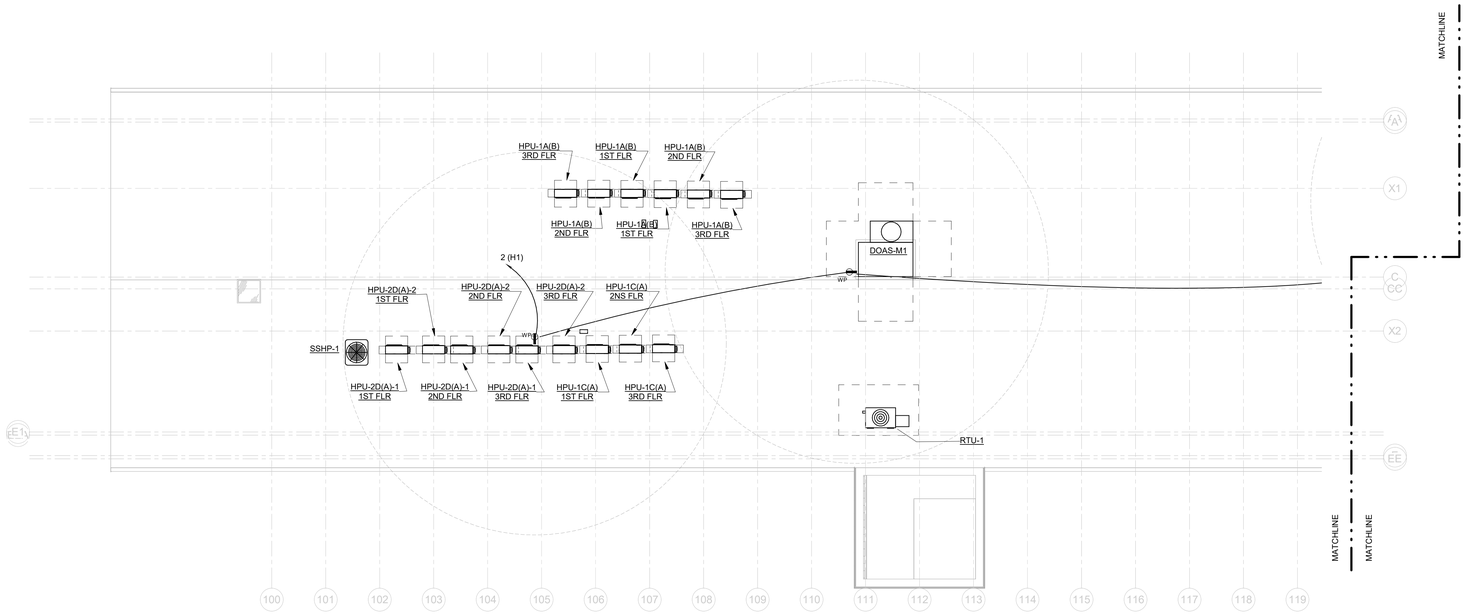
10/16/2020 4:44:09 PM C:\Users\gfurnh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurnh8JZRU.rvt

DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.



2 MILL 1 - ROOF PLAN B - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



1 MILL 1 - ROOF PLAN A - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
ROOF PLAN, MILL 1 - POWER AND SPECIAL SYSTEMS

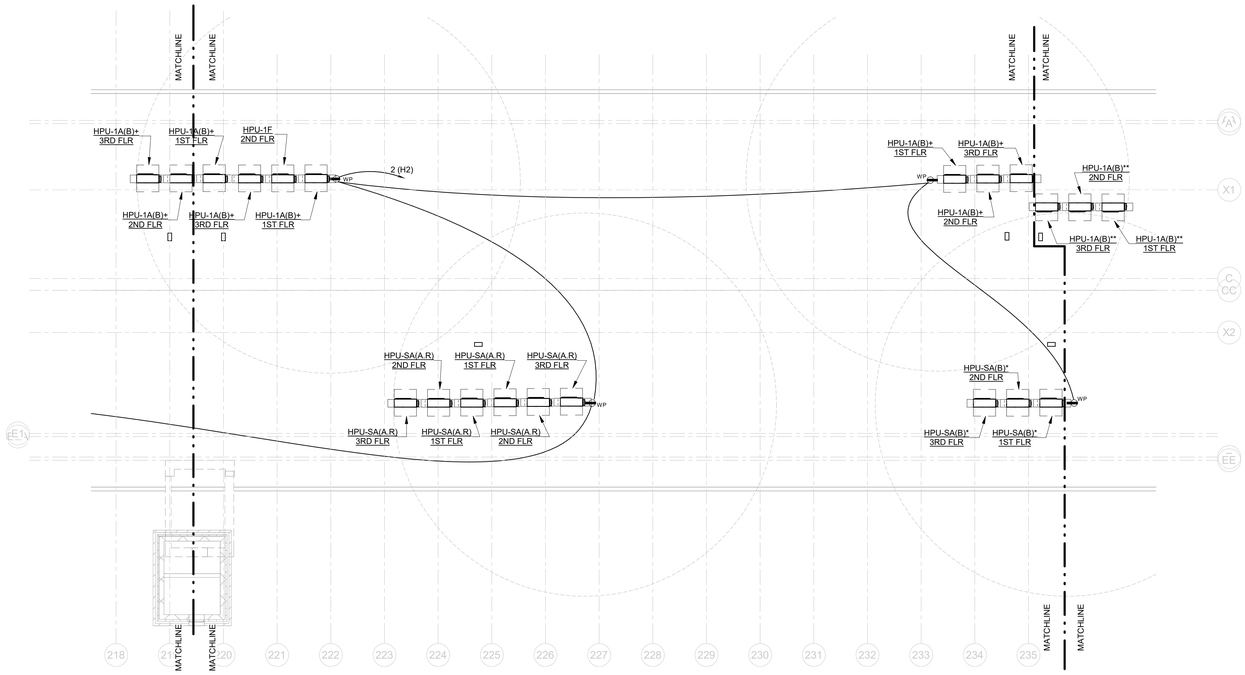
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	JAF	GBF

E2.11

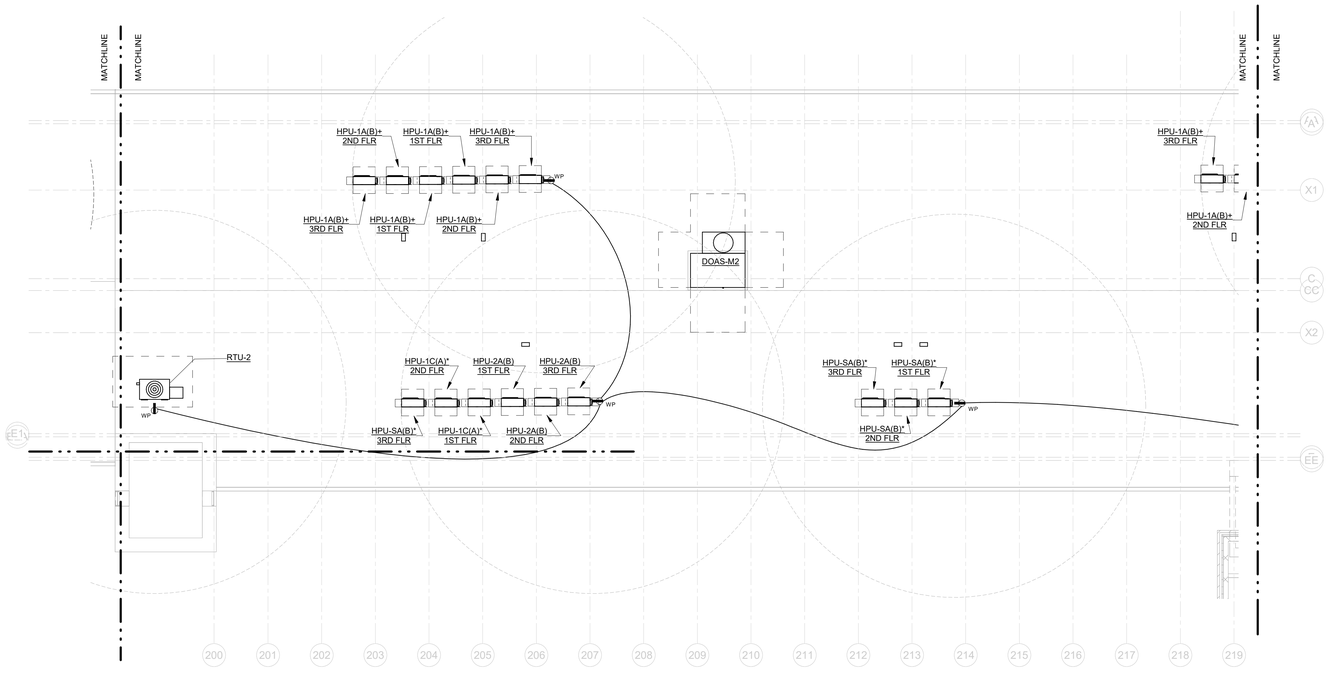
10/16/2020 4:44:13 PM C:\Users\jfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfunk&JRU.rvt

DRAWING NOTES:

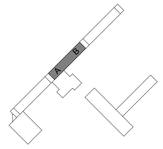
- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.



2 MILL 2 - ROOF PLAN B - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



1 MILL 2 - ROOF PLAN A - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
ROOF PLAN, MILL 2 - POWER AND SPECIAL SYSTEMS

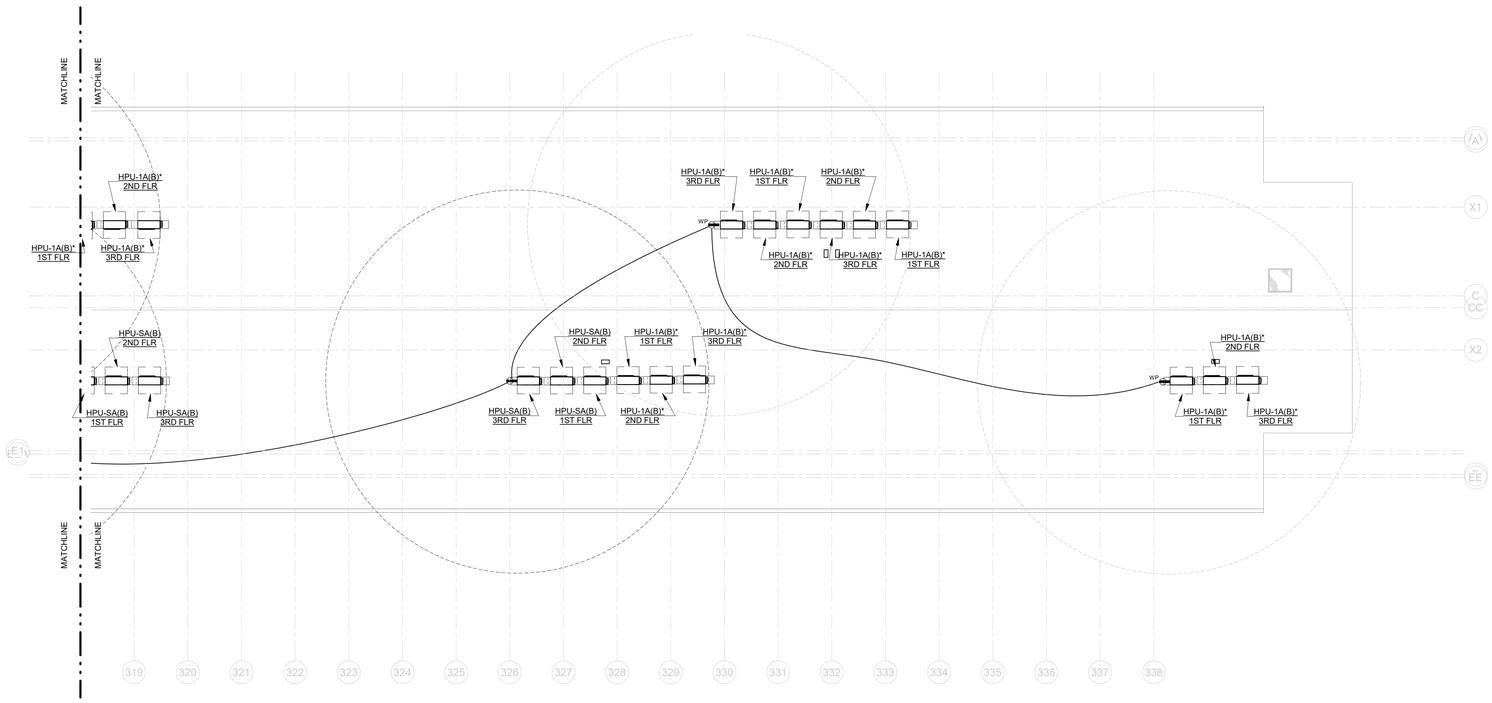
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	JAF	GBF

E2.12

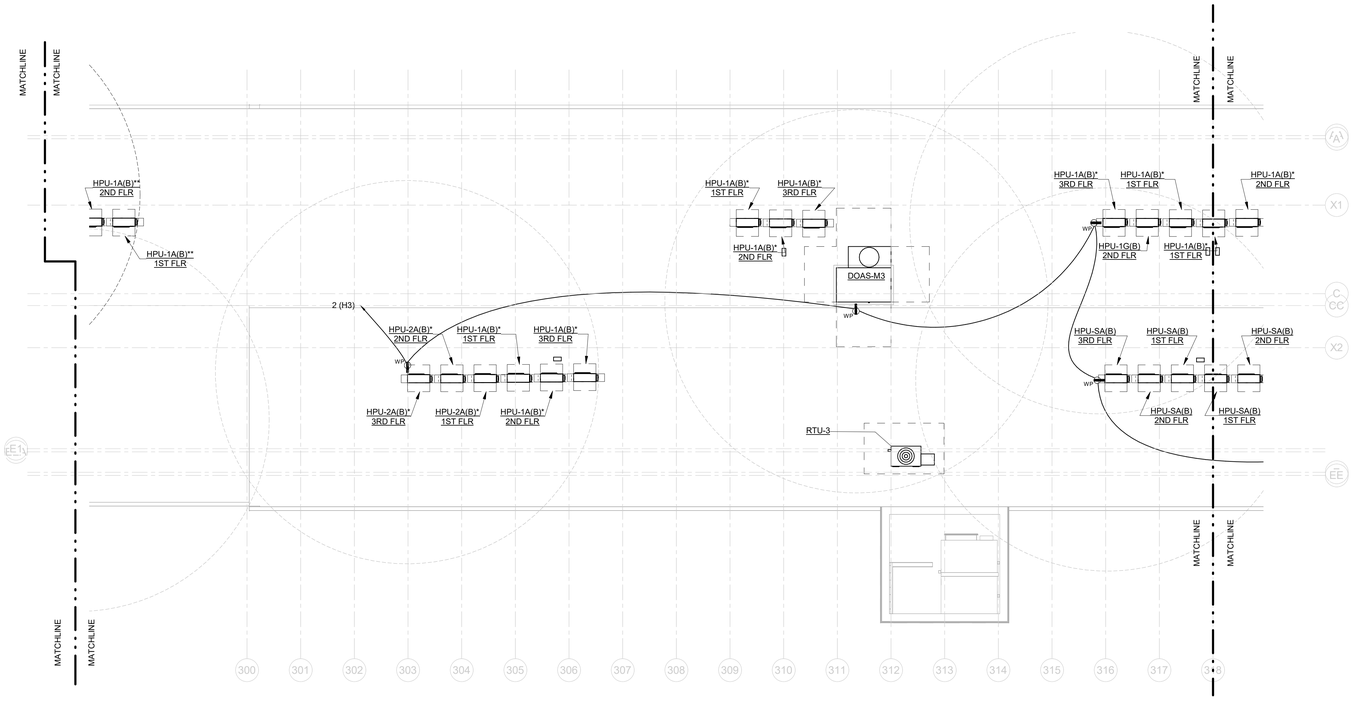
10/16/2020 4:44:17 PM C:\Users\gfurnh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurnh8JZRU.rvt

DRAWING NOTES:

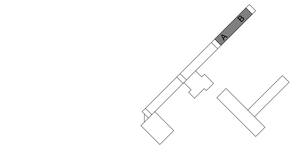
- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.



2 MILL 3 - ROOF PLAN B - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



1 MILL 3 - ROOF PLAN A - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
ROOF PLAN, MILL 3 - POWER AND SPECIAL SYSTEMS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

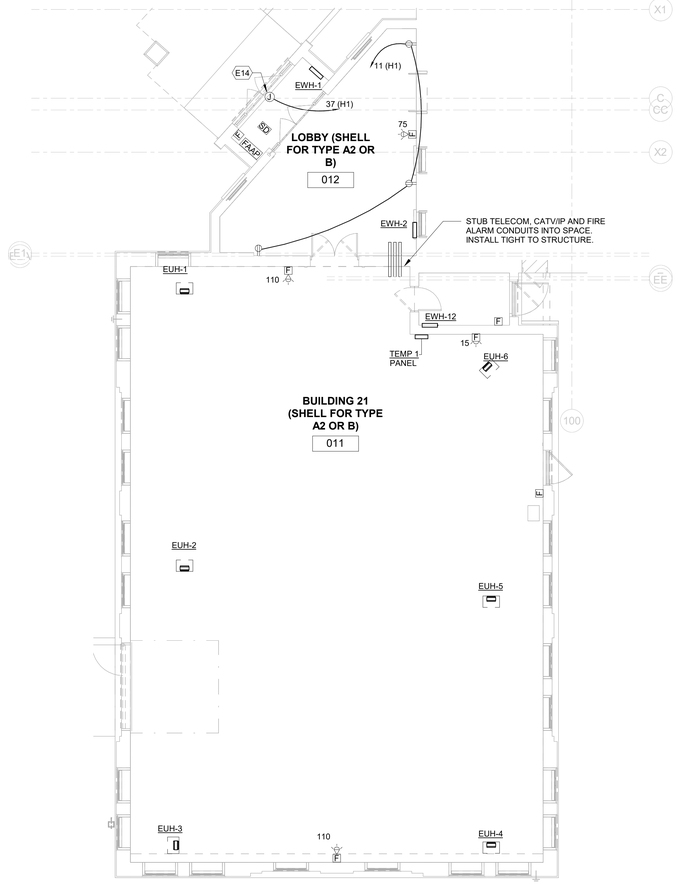
E2.13

10/16/2020 4:44:22 PM C:\Users\gfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfunk8JZRU.rvt

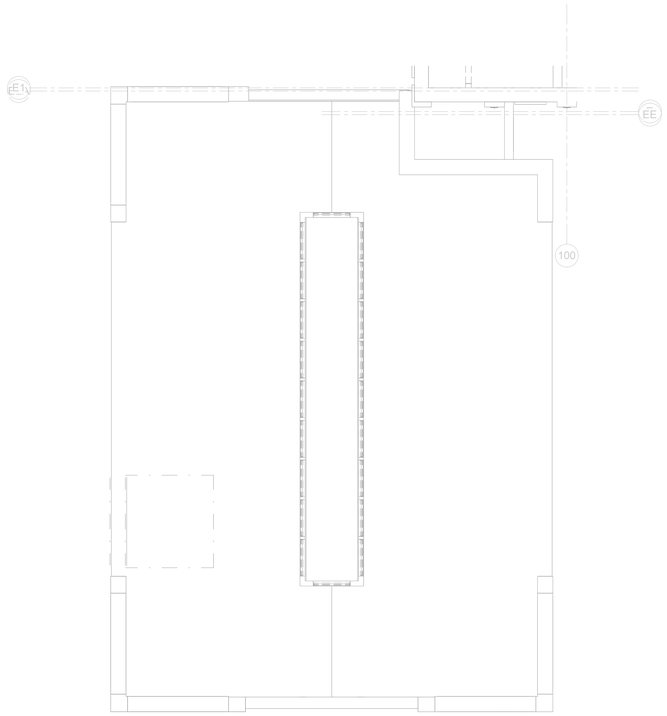
SPECIFIC NOTES - ELECTRICAL NEW	
E14	PROVIDE WEATHERPROOF JUNCTION BOX ABOVE ENTRANCE ROOF FOR POWER TO SIGN ABOVE. COORDINATE EXACT LOCATION IN FIELD.

DRAWING NOTES:

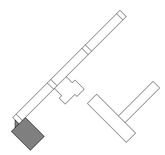
- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.



1 BUILDING 21 PLAN - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



2 BUILDING 21 ROOF PLAN - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
BUILDING-21 FLOOR PLAN - POWER AND SPECIAL SYSTEMS

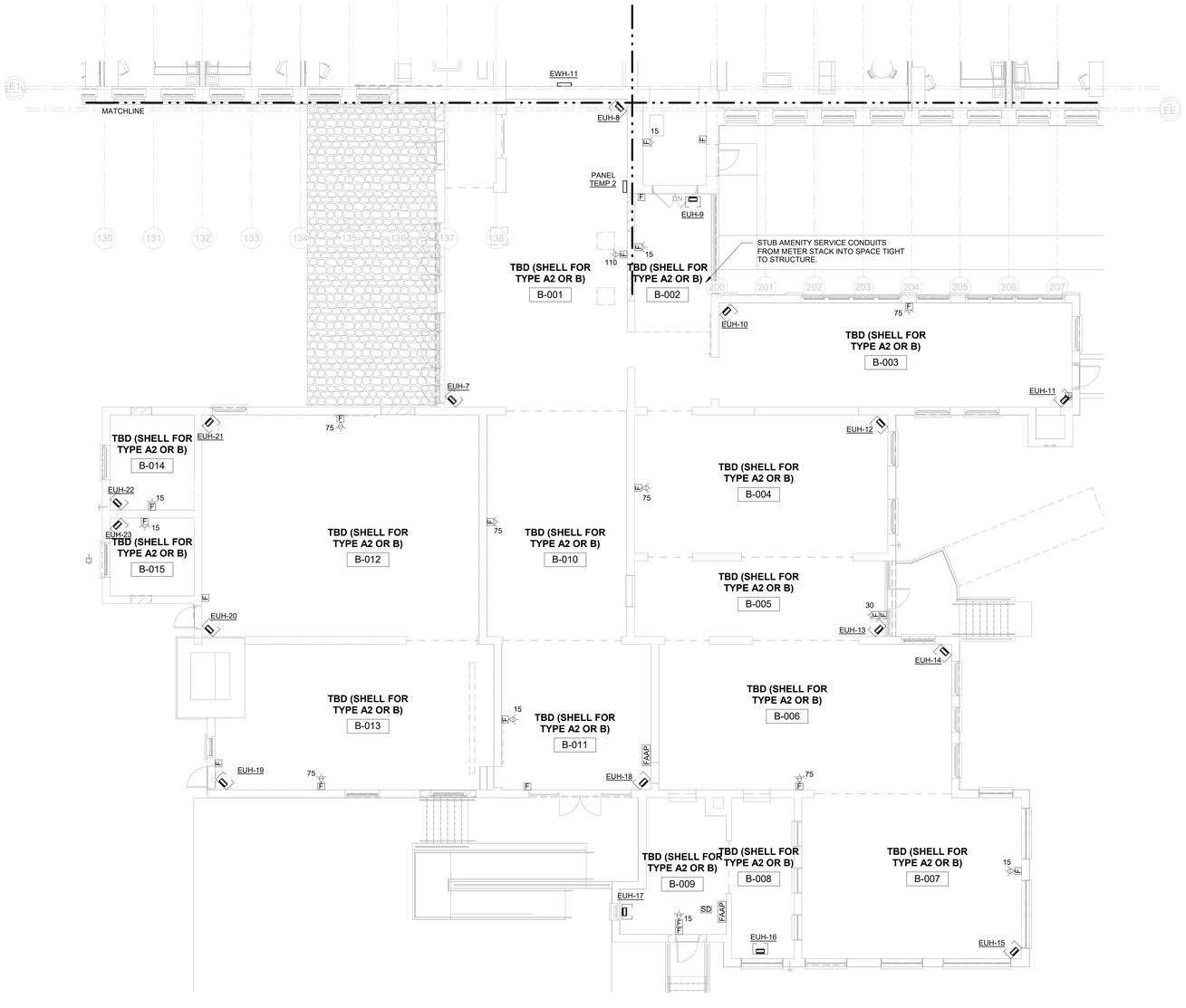
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

E2.14

10/16/2020 4:44:26 PM C:\Users\jfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfunk8JZRU.rvt

DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.



1 BOILER PLANT FIRST FLOOR PLAN - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
BOILER PLANT FIRST FLOOR PLAN - POWER AND SPECIAL SYSTEMS

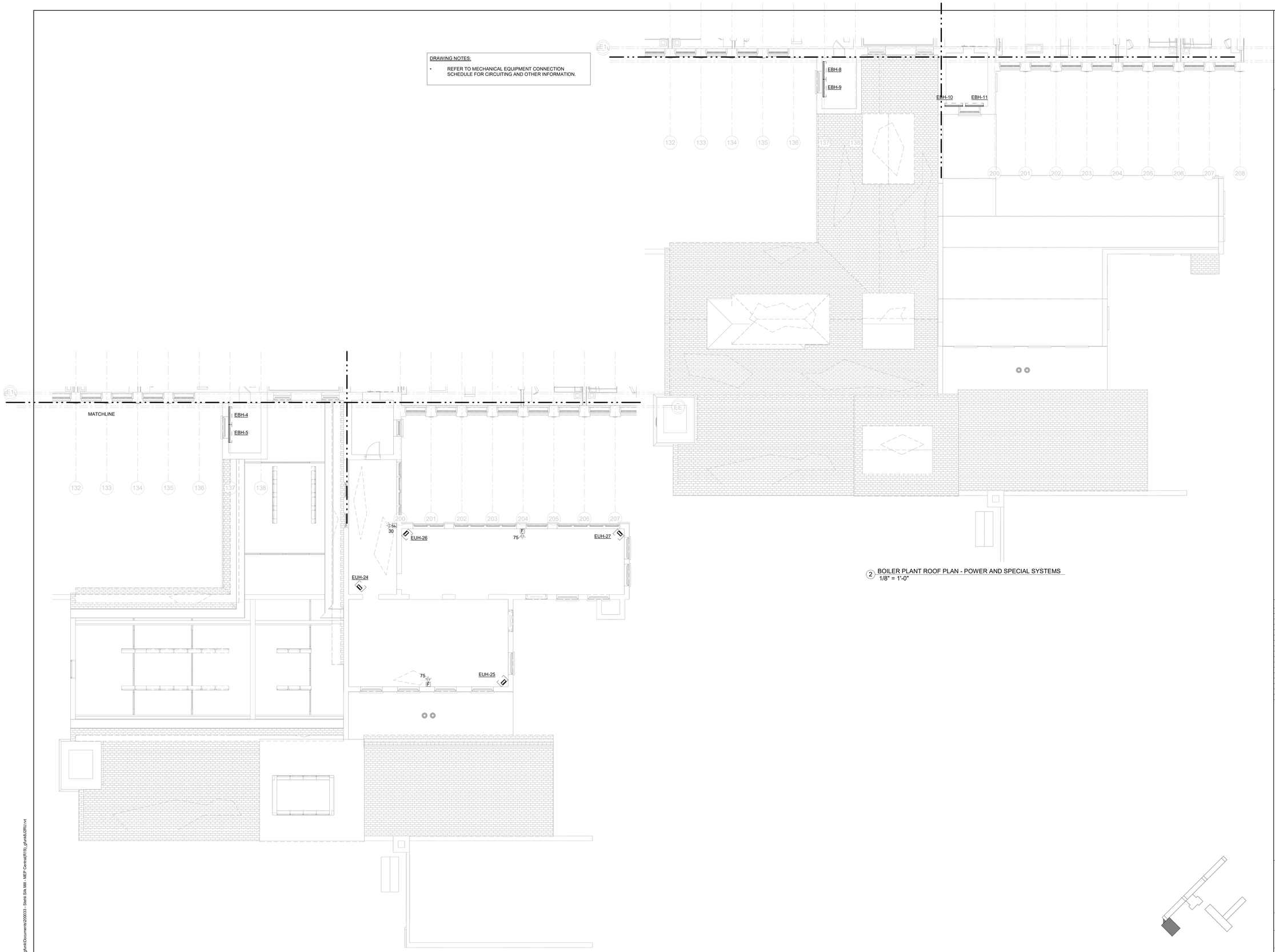
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

E2.15

10/16/2020 4:44:29 PM C:\Users\jfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfunk8JR0J.rvt

DRAWING NOTES:

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING AND OTHER INFORMATION.



1 BOILER PLANT SECOND FLOOR PLAN - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

2 BOILER PLANT ROOF PLAN - POWER AND SPECIAL SYSTEMS
1/8" = 1'-0"

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

0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

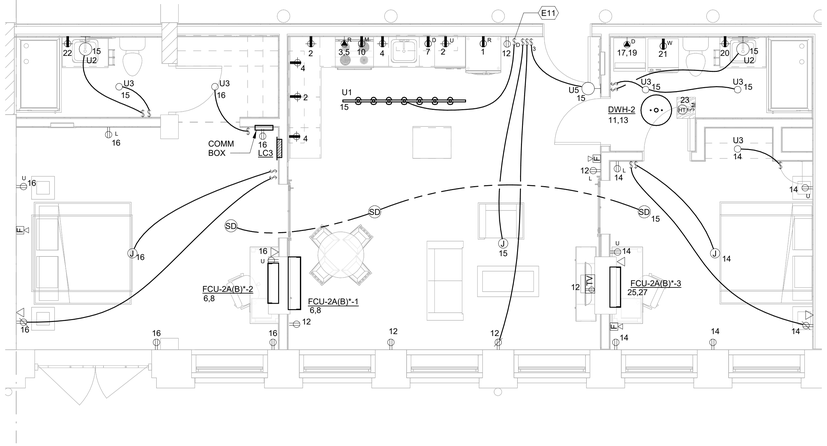
SHEET TITLE
BOILER PLANT SECOND FLOOR PLAN - POWER AND SPECIAL SYSTEMS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	JAF	GBF

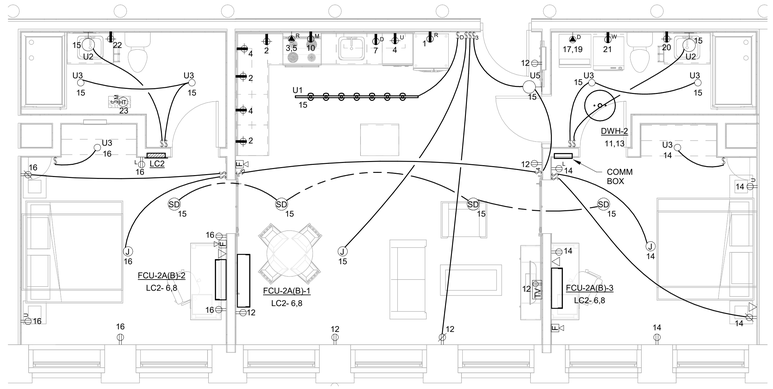
E2.16

10/16/2020 4:44:35 PM C:\Users\jfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfunk8JZRU.rvt

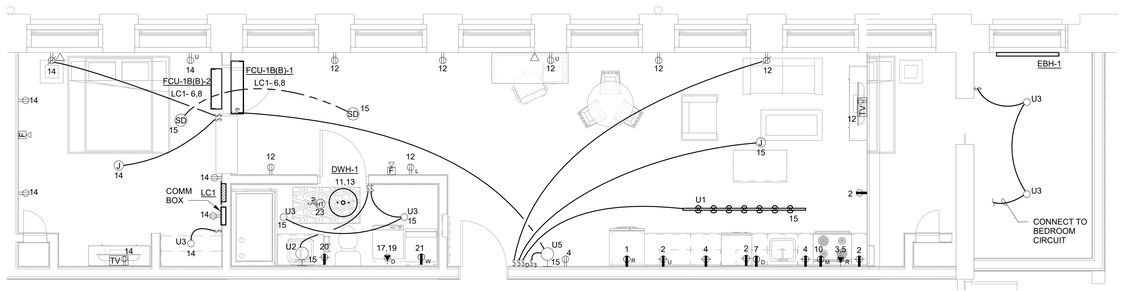
SPECIFIC NOTES - ELECTRICAL NEW	
E11	TYPICAL FOR ALL UNITS: PROVIDE DIMMMING SWITCH COMPATIBLE WITH MR16 LED LAMP PROVIDED. DIMMER TO BE SELECTED FROM LAMP MANUFACTURERS LIST OF RECOMMENDED COMPATIBLE DIMMERS. VERIFY THE LAMPS DO NOT EXIBIT ANY FLICKERING, SHIMMER OR AUDIBLE NOISE WITH THE DIMMER PROVIDED.



6 PLAN UNIT TYPE 2A (B)*
1/4" = 1'-0"

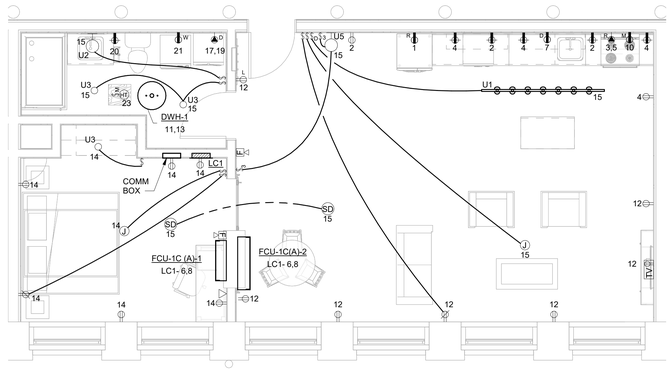


5 PLAN UNIT TYPE 2A (B)
1/4" = 1'-0"



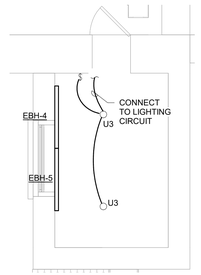
4 PLAN UNIT TYPE 1B (B)
1/4" = 1'-0"

MIRROR UNIT - PLAN UNIT TYPE 1B (B.R) WITH ADDITIONAL CLOSET



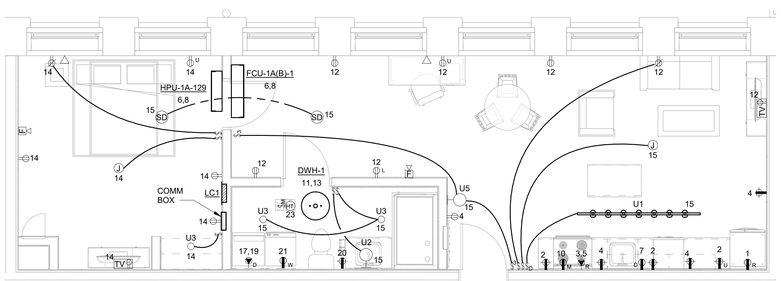
3 PLAN UNIT TYPE 1C (A)
1/4" = 1'-0"

MIRROR UNIT - PLAN UNIT TYPE 1C (A.R)
ADDITIONAL CLOSET - PLAN UNIT TYPE 1C (A)*



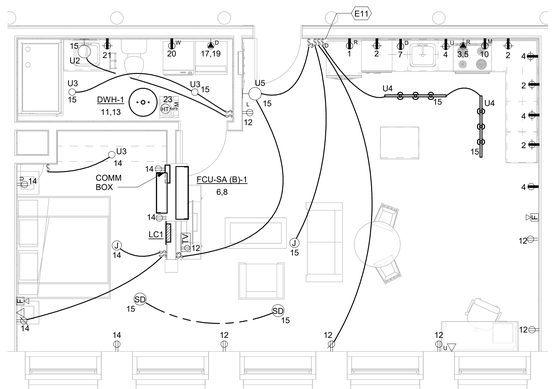
8 PLAN UNIT TYPE 1C (A)* - CLOSET
1/4" = 1'-0"

7 PLAN UNIT TYPE 1B (B.R) - CLOSET
1/4" = 1'-0"



2 PLAN UNIT TYPE 1A (B)
1/4" = 1'-0"

MIRROR UNIT - PLAN UNIT TYPE 1A (B.R)

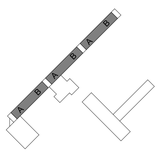


1 PLAN UNIT TYPE SA (B)
1/4" = 1'-0"

MIRROR UNIT - PLAN UNIT TYPE SA (B.R)

UNIT ELECTRICAL GENERAL SHEET NOTES:

1. MOUNT UNIT LOAD CENTER AT 48" AFF TO TOP OF HIGHEST BREAKER.
2. COORDINATE FINAL LOCATION OF UNIT LOAD CENTERS TO MAINTAIN DEDICATED ELECTRICAL CLEARANCES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LIGHTING FIXTURE LOCATIONS.
4. COORDINATE FINAL LOCATION OF SMOKE DETECTORS TO BE BEYOND 36" FROM SUPPLY REGISTERS AND BATHROOM DOORS.
5. UNIT PART PLAN ORIENTATION MAY DIFFER FROM OVERALL FLOOR PLAN ORIENTATION. UNIT PART PLANS MAY BE MIRRORED VIEWS OF FLOOR PLAN UNITS.
6. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING INFORMATION.
7. ADJUST UNIT RECEPTACLE LAYOUT TO COORDINATE WITH FURNITURE, APPLIANCES, WALL CONDITIONS, AND NEC REQUIRED SPACING CRITERIA.
8. PROVIDE TAMPER RESISTANT RECEPTACLES IN DWELLING UNITS.
9. STAGGER BACK TO BACK OUTLET BOXES IN FIRE RATED DEMISING WALLS SO THAT THEY ARE A MINIMUM HORIZONTAL DISTANCE OF 24" APART OR DO NOT SHARE THE SAME STUD SPACE. IN INSTANCES WHERE THIS IS UNAVOIDABLE, PROVIDE FIRE STOPPING MATERIAL SUCH AS PUTTY FOR THE BOXES.
10. JUNCTION BOXES AT CEILINGS OF BEDROOMS AND LIVING ROOMS SHALL BE CEILING FAN RATED.
11. PROVIDE SURFACE MOUNTED BOXES AND CONDUIT/WIRING IN LOCATIONS WHERE RECESSED BOXES AND CONCEALED WIRING IS NOT FEASIBLE SUCH AS ON THE UNDERSIDE OF EXPOSED WOODEN CEILINGS AND ON THE BRICK EXTERIOR WALL. MINIMIZE EXPOSED CONDUIT TO THE GREATEST EXTENT POSSIBLE IN THE UNITS BY ROUTING FROM THE SURFACE MOUNTED BOX(ES) TO THE CLOSEST DRYWALL PARTITION WALL. DO NOT ROUTE CONDUIT THROUGH THE WOOD BEAMS. DO NOT ROUTE CONDUIT THROUGH THE FLOOR OR CEILING TO THE UNITS BELOW OR ABOVE. CONDUIT TO BE INSTALLED PARALLEL AND PERPENDICULAR TO STRUCTURAL MEMBERS FOR CEILING APPLICATIONS AND HORIZONTAL AND VERTICAL FOR WALL APPLICATIONS. COORDINATE PROPOSED ROUTING WITH ARCHITECT/OWNER PRIOR TO ROUGH IN.



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

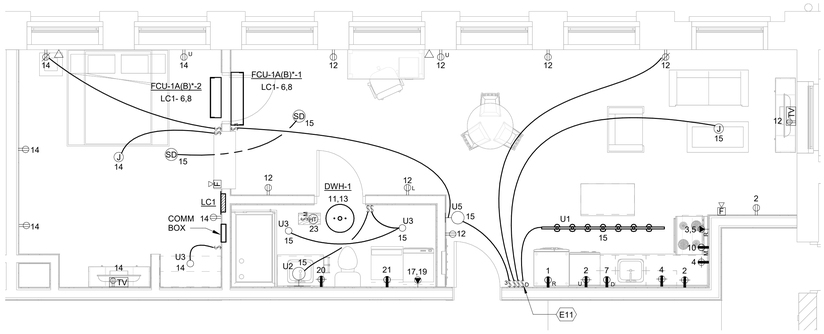
SHEET TITLE
UNIT PLANS, MILLS 1,2,3 - ELECTRICAL

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

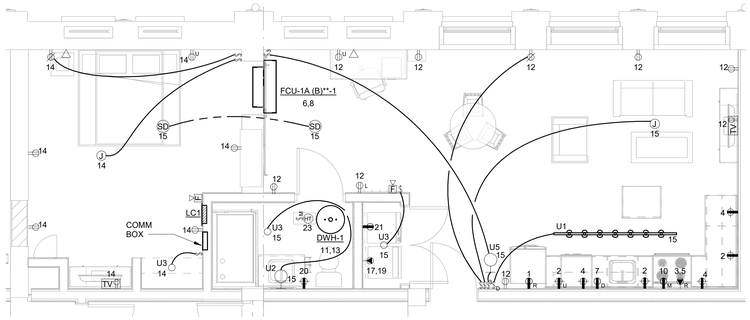
E4.01

10/16/2020 4:44:49 PM C:\Users\jfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfunk8JZRU.rvt

SPECIFIC NOTES - ELECTRICAL NEW	
E11	TYPICAL FOR ALL UNITS: PROVIDE DIMMMING SWITCH COMPATIBLE WITH MR16 LED LAMP PROVIDED. DIMMER TO BE SELECTED FROM LAMP MANUFACTURERS LIST OF RECOMMENDED COMPATIBLE DIMMERS. VERIFY THE LAMPS DO NOT EXIBIT ANY FLICKERING, SHIMMER OR AUDIBLE NOISE WITH THE DIMMER PROVIDED.

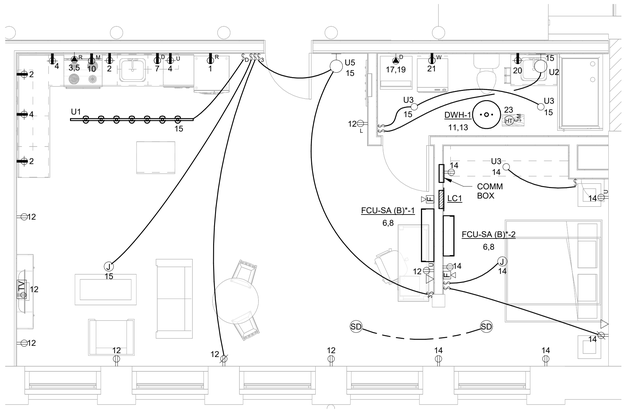


5 PLAN UNIT TYPE 1A (B)*
1/4" = 1'-0"

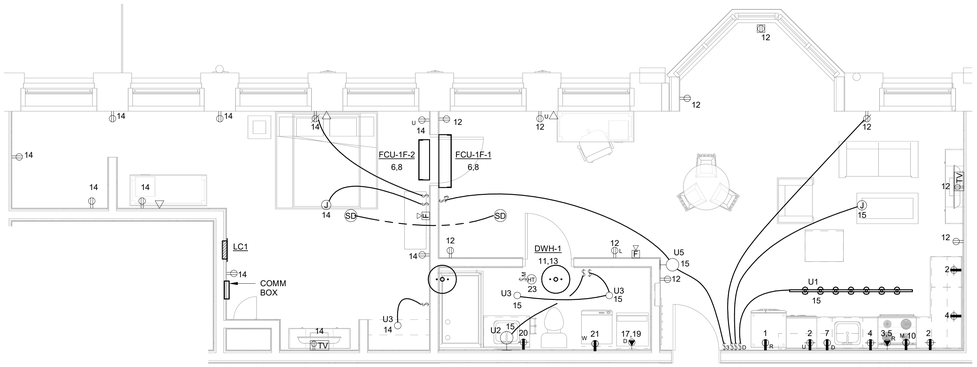


4 PLAN UNIT TYPE 1A (B)**
1/4" = 1'-0"

MIRROR UNIT - PLAN UNIT TYPE 1A (B)***



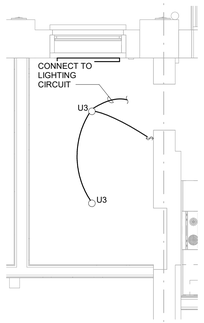
3 PLAN UNIT TYPE SA (B)*
1/4" = 1'-0"



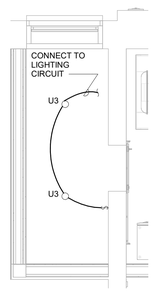
2 PLAN UNIT TYPE 1F
1/4" = 1'-0"

UNIT ELECTRICAL GENERAL SHEET NOTES:

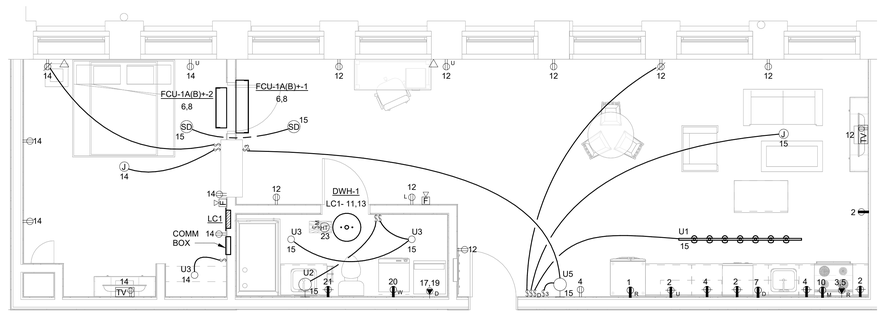
1. MOUNT UNIT LOAD CENTER AT 48" AFF TO TOP OF HIGHEST BREAKER.
2. COORDINATE FINAL LOCATION OF UNIT LOAD CENTERS TO MAINTAIN DEDICATED ELECTRICAL CLEARANCES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LIGHTING FIXTURE LOCATIONS.
4. COORDINATE FINAL LOCATION OF SMOKE DETECTORS TO BE BEYOND 36" FROM SUPPLY REGISTERS AND BATHROOM DOORS.
5. UNIT PART PLAN ORIENTATION MAY DIFFER FROM OVERALL FLOOR PLAN ORIENTATION. UNIT PART PLANS MAY BE MIRRORED VIEWS OF FLOOR PLAN UNITS.
6. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING INFORMATION.
7. ADJUST UNIT RECEPTACLE LAYOUT TO COORDINATE WITH FURNITURE, APPLIANCES, WALL CONDITIONS, AND NEC REQUIRED SPACING CRITERIA.
8. PROVIDE TAMPER RESISTANT RECEPTACLES IN DWELLING UNITS.
9. STAGGER BACK TO BACK OUTLET BOXES IN FIRE RATED DEMISING WALLS SO THAT THEY ARE A MINIMUM HORIZONTAL DISTANCE OF 24" APART OR DO NOT SHARE THE SAME STUD SPACE. IN INSTANCES WHERE THIS IS UNAVOIDABLE, PROVIDE FIRE STOPPING MATERIAL SUCH AS PUTTY FOR THE BOXES.
10. JUNCTION BOXES AT CEILINGS OF BEDROOMS AND LIVING ROOMS SHALL BE CEILING FAN RATED.
11. PROVIDE SURFACE MOUNTED BOXES AND CONDUIT/WIRING IN LOCATIONS WHERE RECESSED BOXES AND CONCEALED WIRING IS NOT FEASIBLE SUCH AS ON THE UNDERSIDE OF EXPOSED WOODEN CEILINGS AND ON THE BRICK EXTERIOR WALL. MINIMIZE EXPOSED CONDUIT TO THE GREATEST EXTENT POSSIBLE IN THE UNITS BY ROUTING FROM THE SURFACE MOUNTED BOX(ES) TO THE CLOSEST DRYWALL PARTITION WALL. DO NOT ROUTE CONDUIT THROUGH THE WOOD BEAMS. DO NOT ROUTE CONDUIT THROUGH THE FLOOR OR CEILING TO THE UNITS BELOW OR ABOVE. CONDUIT TO BE INSTALLED PARALLEL AND PERPENDICULAR TO STRUCTURAL MEMBERS FOR CEILING APPLICATIONS AND HORIZONTAL AND VERTICAL FOR WALL APPLICATIONS. COORDINATE PROPOSED ROUTING WITH ARCHITECT/OWNER PRIOR TO ROUGH IN.



7 PLAN UNIT TYPE 1A (B)+* - CLOSET
1/4" = 1'-0"

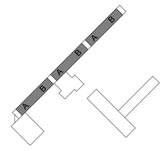


6 PLAN UNIT TYPE 1A(B)++ - CLOSET
1/4" = 1'-0"



1 PLAN UNIT TYPE 1A (B)+
1/4" = 1'-0"

MIRROR UNIT - PLAN UNIT TYPE 1A (B)++ WITH ADDITIONAL CLOSET
MIRROR UNIT - PLAN UNIT TYPE 1A (B)+* WITH ADDITIONAL CLOSET



GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

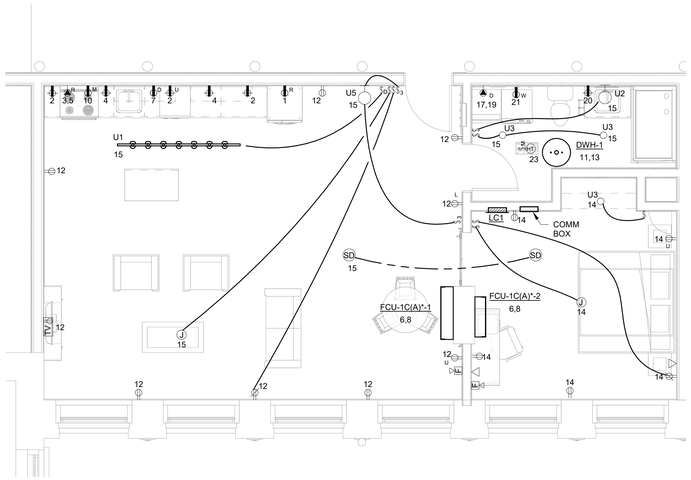
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
UNIT PLANS, MILLS 1,2,3 - ELECTRICAL

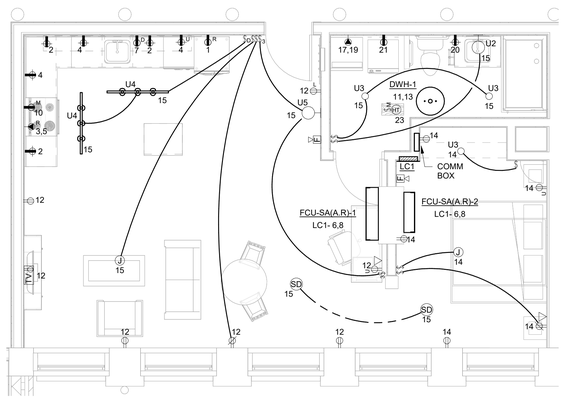
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

E4.02

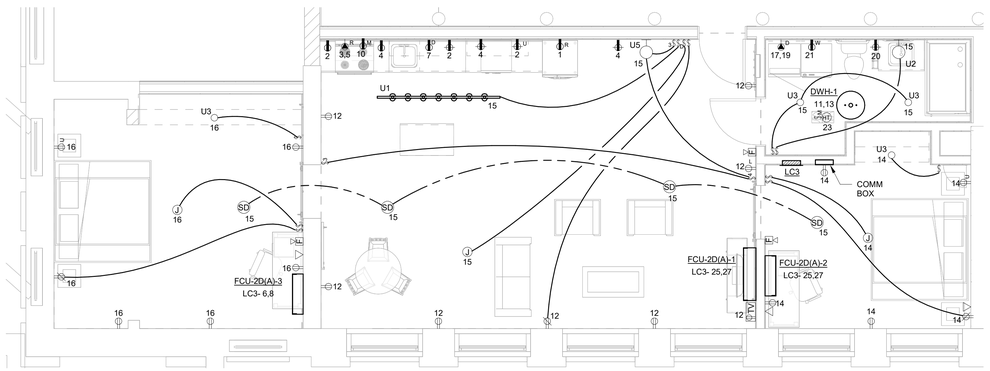
10/16/2020 4:45:01 PM C:\Users\jfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfunk8JRKU.rvt



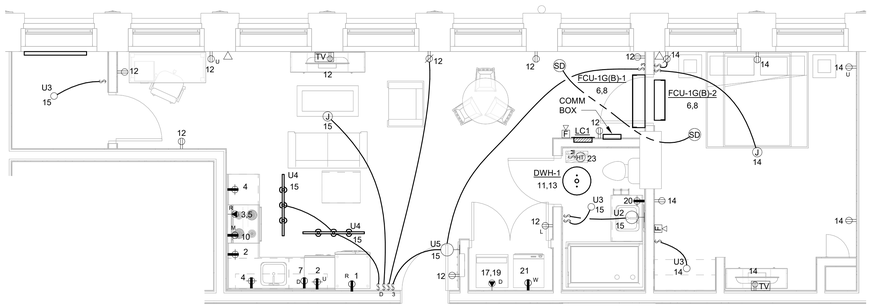
4 PLAN UNIT TYPE 1C (A)*
1/4" = 1'-0"



3 PLAN UNIT TYPE SA (A.R)
1/4" = 1'-0"



2 PLAN UNIT TYPE 2D (A)
1/4" = 1'-0"



1 PLAN UNIT TYPE 1G (B)
1/4" = 1'-0"

UNIT ELECTRICAL GENERAL SHEET NOTES:

1. MOUNT UNIT LOAD CENTER AT 48" AFF TO TOP OF HIGHEST BREAKER.
2. COORDINATE FINAL LOCATION OF UNIT LOAD CENTERS TO MAINTAIN DEDICATED ELECTRICAL CLEARANCES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LIGHTING FIXTURE LOCATIONS.
4. COORDINATE FINAL LOCATION OF SMOKE DETECTORS TO BE BEYOND 36" FROM SUPPLY REGISTERS AND BATHROOM DOORS.
5. UNIT PART PLAN ORIENTATION MAY DIFFER FROM OVERALL FLOOR PLAN ORIENTATION. UNIT PART PLANS MAY BE MIRRORED VIEWS OF FLOOR PLAN UNITS.
6. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR CIRCUITING INFORMATION.
7. ADJUST UNIT RECEPTACLE LAYOUT TO COORDINATE WITH FURNITURE, APPLIANCES, WALL CONDITIONS, AND NEC REQUIRED SPACING CRITERIA.
8. PROVIDE TAMPER RESISTANT RECEPTACLES IN DWELLING UNITS.
9. STAGGER BACK TO BACK OUTLET BOXES IN FIRE RATED DEMISING WALLS SO THAT THEY ARE A MINIMUM HORIZONTAL DISTANCE OF 24" APART OR DO NOT SHARE THE SAME STUD SPACE. IN INSTANCES WHERE THIS IS UNAVOIDABLE, PROVIDE FIRE STOPPING MATERIAL SUCH AS PUTTY FOR THE BOXES.
10. JUNCTION BOXES AT CEILINGS OF BEDROOMS AND LIVING ROOMS SHALL BE CEILING FAN RATED.
11. PROVIDE SURFACE MOUNTED BOXES AND CONDUIT/WIRING IN LOCATIONS WHERE RECESSED BOXES AND CONCEALED WIRING IS NOT FEASIBLE SUCH AS ON THE UNDERSIDE OF EXPOSED WOODEN CEILINGS AND ON THE BRICK EXTERIOR WALL. MINIMIZE EXPOSED CONDUIT TO THE GREATEST EXTENT POSSIBLE IN THE UNITS BY ROUTING FROM THE SURFACE MOUNTED BOX(ES) TO THE CLOSEST DRYWALL PARTITION WALL. DO NOT ROUTE CONDUIT THROUGH THE WOOD BEAMS. DO NOT ROUTE CONDUIT THROUGH THE FLOOR OR CEILING TO THE UNITS BELOW OR ABOVE. CONDUIT TO BE INSTALLED PARALLEL AND PERPENDICULAR TO STRUCTURAL MEMBERS FOR CEILING APPLICATIONS AND HORIZONTAL AND VERTICAL FOR WALL APPLICATIONS. COORDINATE PROPOSED ROUTING WITH ARCHITECT/OWNER PRIOR TO ROUGH IN.

GRAPHIC SCALE: 1/8" = 1'-0"
0 8 16 24 32

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

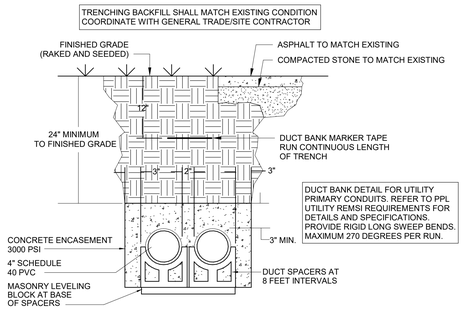
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
UNIT PLANS, MILLS 1,2,3 - ELECTRICAL

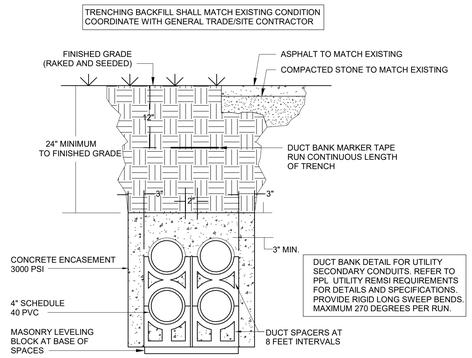
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

E4.03

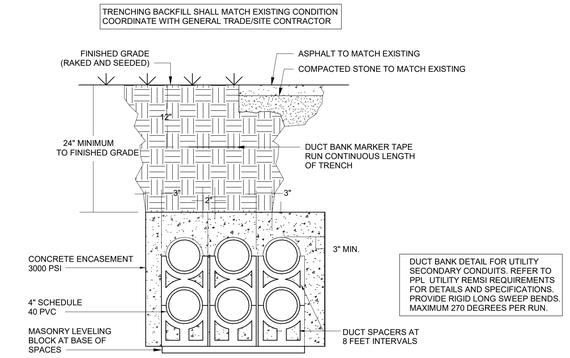
10/16/2020 4:45:08 PM C:\Users\gfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfunk&JZRU.rvt



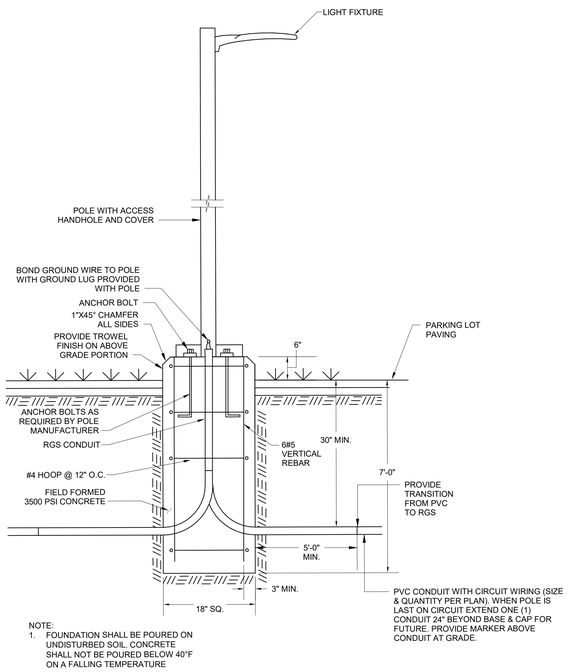
1 2-WAY CONCRETE DUCT BANK - UTILITY PRIMARY
NO SCALE



2 4-WAY CONCRETE DUCT BANK - UTILITY SECONDARY
NO SCALE

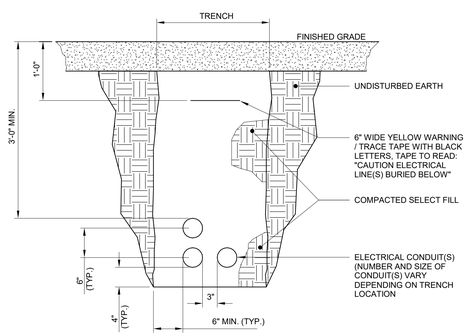


3 6-WAY CONCRETE DUCT BANK - UTILITY SECONDARY
NO SCALE

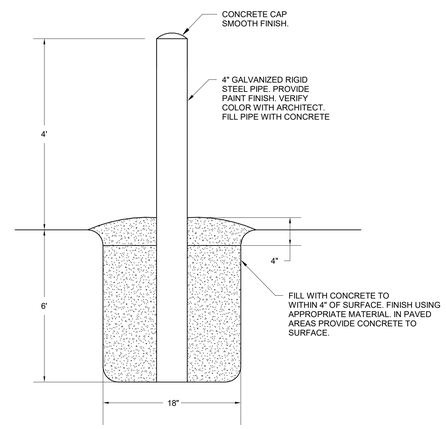


NOTE:
1. FOUNDATION SHALL BE POURED ON UNDISTURBED SOIL. CONCRETE SHALL NOT BE POURED BELOW 40°F ON A FALLING TEMPERATURE

4 LIGHT POLE FOUNDATION DETAIL - 6"
NO SCALE



5 TRENCH DETAIL
NO SCALE



6 BOLLARD DETAIL
NO SCALE

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

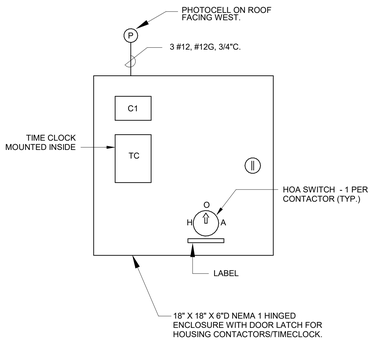
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
ELECTRICAL SITE DETAILS

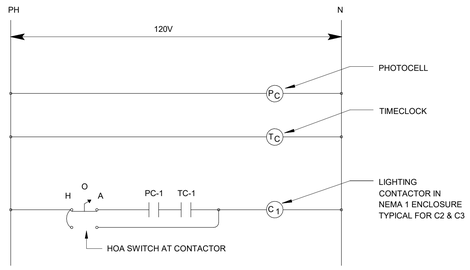
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

E5.01

10/16/2020 4:45:10 PM C:\Users\jfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfunk8J2RU.rvt

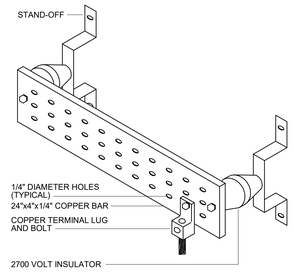


1 CONTACTOR CABINET DETAIL
NO SCALE

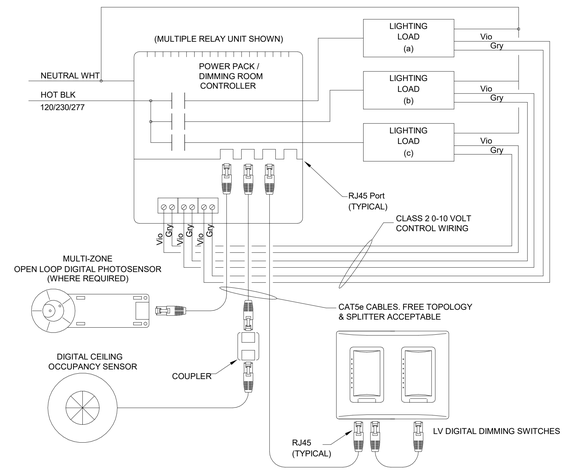


NOTE: CONTROL WIRING SHALL CONSIST OF #12'S IN 3/4" CONDUIT.

2 CONTROL DIAGRAM - EXTERIOR LIGHTING
NO SCALE

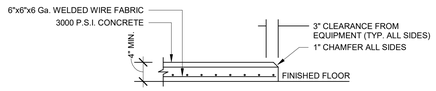


3 GROUND BUS BAR
NO SCALE

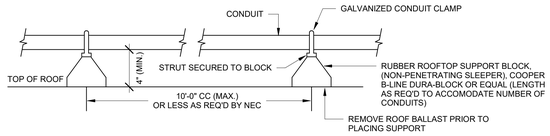


DEVICES ARE PRESET FOR PLUG n' GO OPERATION, ADJUSTMENT IS OPTIONAL.
DAYLIGHTING SEQUENCE OF OPERATION: THE PHOTOSENSOR MONITORS THE DAYLIGHT CONTRIBUTION THROUGH A WINDOW AND WORKS WITH THE ROOM CONTROLLER(S) TO MAINTAIN DESIGN LIGHT LEVELS IN EACH LIGHTING ZONE. CONTROL ALGORITHM USES ON/OFF OR DIMMING SETPOINTS AND OTHER CONTROL PARAMETERS TO ESTABLISH THE CORRECT LIGHT LEVELS THROUGHOUT THE DAY REGARDLESS OF CHANGING DAYLIGHT CONTRIBUTION. CONTACT MANUFACTURER FOR FULL OPERATIONAL DETAILS.

8 DIGITAL LIGHTING CONTROL DIAGRAM
NO SCALE

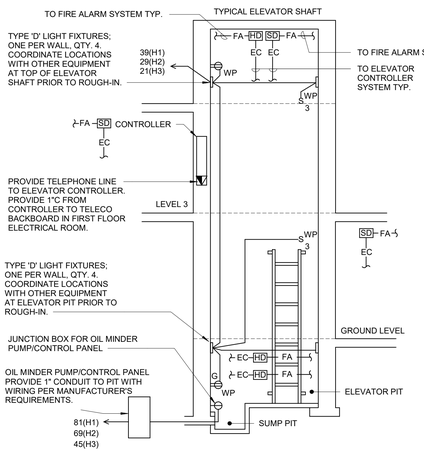


4 CONCRETE HOUSEKEEPING PAD DETAIL
NO SCALE



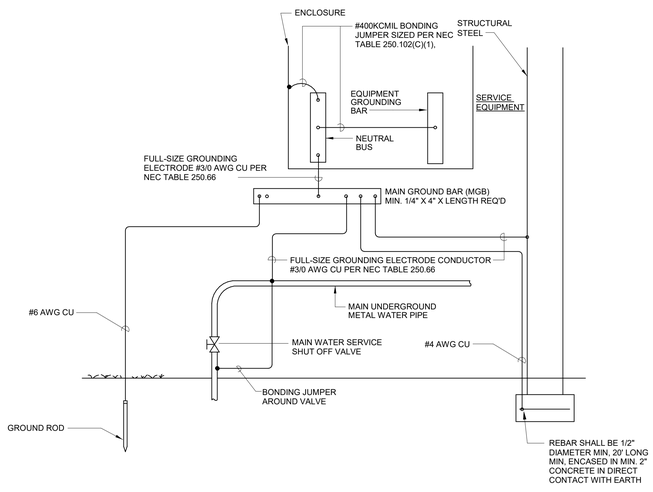
NOTE:
IF CONDUIT IS ROUTED HORIZONTALLY ALONG ROOF PER THIS DETAIL CONTRACTOR SHALL COORDINATE WITH ENGINEER TO DERATE CABLE SIZE PRIOR TO INSTALLATION.

5 ROOFTOP CONDUIT SUPPORT DETAIL
NO SCALE



GENERAL ELEVATOR NOTES:
1. PROVIDE SHUNT-TRIP TYPE CIRCUIT BREAKER(S) FOR ELEVATOR CIRCUITS. REFER TO PANEL SCHEDULES AND POWER RISER DIAGRAM FOR BASIS OF DESIGN CIRCUIT BREAKER ALLOWANCES. COORDINATE OVERCURRENT PROTECTION DEVICES AND WIRING WITH ELEVATOR MOTOR AND CONTROLLER NAMEPLATE DATA. FIELD LOCATE EQUIPMENT AS NECESSARY FOR A COMPLETE AND SATISFACTORY SYSTEM, MEETING THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ELEVATOR INSTALLER.
2. PROVIDE A HEAT AND SMOKE DETECTOR WITHIN 2' OF EACH SPRINKLER HEAD LOCATED IN THE ELEVATOR PIT, CONTROL ROOM, OR SHAFT.
3. CONNECT HEAT DETECTORS IN ELEVATOR PIT(S), CONTROL ROOM(S), AND SHAFT(S) TO SHUNT-TRIP DEVICE SO THAT UPON ACTIVATION THE SHUNT-TRIP BREAKER SHUTS DOWN POWER TO THE ELEVATOR(S) PER ASME-17.1, 102.2C.
4. FOR EACH ELEVATOR CONTROLLER, PROVIDE 2 PAIR OF CAT 6 CABLE TO MAIN TELEPHONE BACKBOARD IN TELCO DEMARC ROOM. TERMIANTE AT BACKBOARD ON 110 BLOCK.
5. REFER TO DIVISION 20 FOR FLOW AND TAMPER SWITCH REQUIREMENTS RELATED TO ELEVATOR(S).
6. BASIS OF DESIGN ELEVATOR: KONE MONOSCAPE 500 ELEVATOR, 150FPM, 3500LB CAPACITY, 208V 3PH, 46A ACCELERATING, 29A RUNNING.

6 ELEVATOR W/ DOOR JAMB CONTROLLER
NO SCALE



7 GROUNDING ELECTRODE SYSTEM - SINGLE ENCLOSURE
NO SCALE

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
ELECTRICAL DETAILS

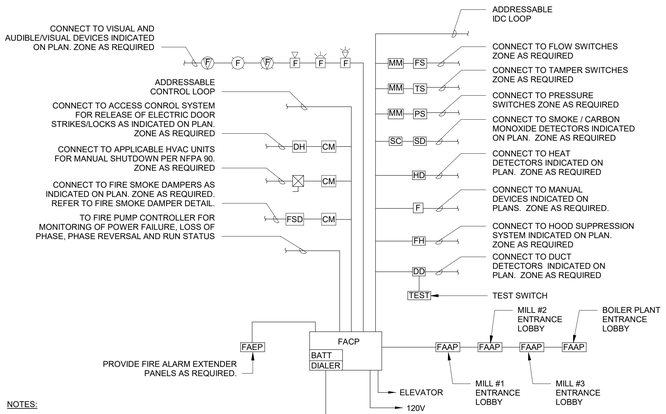
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

E5.02

10/16/2020 4:45:11 PM C:\Users\jfurnh\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfurnh8JZRU.rvt

GENERAL FIRE ALARM SYSTEM NOTES:

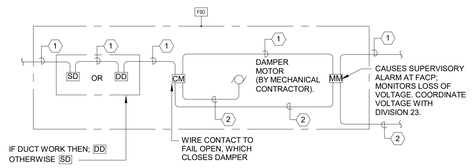
1. WIRING, CONDUIT SIZES AND QUANTITIES SHALL BE IN ACCORDANCE WITH THE FIRE DETECTION AND ALARM SYSTEM MANUFACTURER'S RECOMMENDATIONS AND THE AHJ REQUIREMENTS.
2. PROVIDE APPLICABLE DEVICES WITH AUXILIARY CONTACTS FOR SHUNT TRIP OF ELEVATOR POWER.
3. COORDINATE FIRE DETECTION AND ALARM SYSTEM WITH FIRE PROTECTION SYSTEM IN PREPARING ZONES. THE FDAS SHOP DRAWINGS SHALL BE SUBMITTED ONLY AFTER THE APPROVAL OF FIRE PROTECTION SYSTEM BY THE AHJ.
4. SUBMIT THE FIRE DETECTION AND ALARM SYSTEM (FDAS) SHOP DRAWINGS TO THE AHJ. SHOP DRAWINGS SHALL BE APPROVED BY AHJ BEFORE SUBMITTING TO A/E.
5. THE FIRE DETECTION AND ALARM SYSTEM DEVICES AND EQUIPMENT SHOWN ON THE DRAWINGS ARE FOR A MINIMUM REQUIREMENT. PROVIDE ADDITIONAL DEVICES AND/OR EQUIPMENT AS REQUIRED, AND ANY OTHER REQUIREMENTS OF THE AHJ, AT NO ADDITIONAL COST TO THE OWNER.
6. PULL STATIONS SHALL BE LOCATED WITHIN 5'-0" FROM EGRESS DOORS.
7. FIRE DETECTION AND ALARM SYSTEM RISER DIAGRAM IS DIAGRAMMATIC. PROVIDE ACTUAL EQUIPMENT AND CABLING AS REQUIRED BY SYSTEM MANUFACTURER TO ACHIEVE THE FUNCTIONALITY AS INDICATED HEREIN AND SPECIFIED.
8. COORDINATE FINAL LOCATION OF ANNUNCIATOR WITH LOCAL FIRE MARSHALL. AS A BASIS OF DESIGN, ANNUNCIATOR SHALL BE LOCATED IN FIRE COMMAND CENTER.
9. PROVIDE SPARE NOTIFICATION APPLIANCE CIRCUIT CAPACITY IN APARTMENT UNITS, FOR FUTURE CONVERSION OF AUDIBLE DEVICES FOR VISUAL/HEARING IMPAIRED RESIDENTS. SIZE POWER SUPPLIES AND BATTERIES TO ACCOMODATE UP TO 20% OF SUCH UNITS PER FLOOR (IN ADDITION TO SPARE SYSTEM CAPACITY REQUIRED BY SPECIFICATION.)
10. PROVIDE SMOKE DETECTOR AT FIRE ALARM CONTROL PANEL LOCATION.
11. HEAT DETECTORS IN ELEVATOR PITS, ELEVATOR SHAFTS, AND ELEVATOR MACHINE ROOM SHALL BE CONNECTED TO FACP AND SHUNT TRIP DEVICE AS PER ELEVATOR CODE AND AHJ REQUIREMENTS.
12. PROVIDE AUTOMATIC TELEPHONE DIALER. SIGNALS SHALL BE MONITORED BY U.L LISTED CENTRAL STATION VIA DEDICATED TELEPHONE LINES. COORDINATE WITH TELEPHONE COMPANY AND CONTRACTOR FOR WIRING CONNECTIONS. PROVIDE TELEPHONE WIRING AND 120V BRANCH CIRCUIT WIRING AS REQUIRED.
13. PROVIDE WIRING AND RACEWAYS AS REQUIRED FOR FIRE SAFETY FUNCTIONS, INCLUDING ELEVATOR RECALL CIRCUITS, MAGNETIC DOOR RELEASE OF FIRE DOORS, ETC. AS REQUIRED.
14. PROVIDE WIRING AND RACEWAYS TO SPRINKLER SYSTEM DEVICES (FIRE PROTECTION SYSTEM) SUCH AS FLOW SWITCHES, TAMPER SWITCHES, ETC. PER NFPA REQUIREMENTS.
15. FIRE ALARM SYSTEM SHALL OVERRIDE ELECTRIC DOOR LOCKS TO ALLOW LIFE SAFETY EGRESS.
16. NOTIFICATION CIRCUITS SHALL BE WIRED ON A PER FLOOR BASIS. CIRCUITS SERVING DEVICES ON ONE FLOOR CANNOT SERVE DEVICES ON OTHER FLOORS.
17. INCLUDE IN BID AN ALLOWANCE FOR 20 ADDITIONAL COMBINATION SPEAKER/STROBE UNITS. STROBES SHALL BE RATED AT 110 CANDELA. ALLOWANCE SHALL INCLUDE 100 FEET OF FIRE ALARM MC CABLE FOR EACH SPEAKER STROBE UNIT. ALLOWANCE SHALL ALSO INCLUDE ADDITIONAL CONTROL EQUIPMENT, POWER SUPPLIES AND BATTERY CAPACITY TO SUSTAIN ADDITIONAL APPLIANCES.



NOTES:

1. FIRE ALARM SYSTEM EQUIPMENT IS SHOWN ON THE RISER. HOWEVER, WIRING IS NOT SHOWN. WIRING VARIES BETWEEN MANUFACTURERS. THE WIRING AND CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
2. PROVIDE SMOKE DETECTOR AT FIRE ALARM CONTROL PANEL LOCATION.
3. COORDINATE FINAL LOCATION OF ANNUNCIATOR WITH LOCAL FIRE MARSHAL.

1 FIRE ALARM RISER
NO SCALE



NOTES:

1. FIRE ALARM ADDRESSABLE WIRING LOOP.
2. DEDICATED 120V, 20 AMP BRANCH CIRCUIT. TWO AT EACH FLOOR

2 FIRE/SMOKE DAMPER POWER AND CONTROL
NO SCALE

EMERGENCY RESPONDER RADIO COVERAGE

1. PROVIDE A LINE-ITEM BID ALTERNATE FOR THE INSTALLATION OF AN IN-BUILDING EMERGENCY RESPONDER RADIO SIGNAL BOOSTER SYSTEM, PER SECTION 510 OF THE 2015 INTERNATIONAL FIRE CODE.
2. WHEN THE INTERIOR WALLS HAVE BEEN INSTALLED, TEST THE BUILDING FOR ADEQUATE RADIO COVERAGE FOR EMERGENCY RESPONDERS, TO DETERMINE THE NEED FOR A BOOSTER SYSTEM.
3. UTILIZE THE SERVICES OF A COMPANY REGULARLY ENGAGED IN THE DESIGN, INSTALLATION, AND TESTING OF DISTRIBUTED ANTENNA SYSTEMS FOR EMERGENCY RESPONDER SYSTEMS.
4. COORDINATE THE TEST WITH THE LOCAL AUTHORITY HAVING JURISDICTION.
5. PROVIDE A WRITTEN REPORT OF THE TEST RESULTS TO THE OWNER AND THE AUTHORITY HAVING JURISDICTION.
6. DO NOT INSTALL THE SIGNAL BOOSTER SYSTEM UNTIL DIRECTED BY THE OWNER.
7. REFER TO POWER PLANS AND TELECOMMUNICATIONS RISER DIAGRAM FOR PROVISIONS REQUIRED FOR FUTURE SIGNAL BOOSTER SYSTEM, TO BE INSTALLED REGARDLESS OF THE WATER TEST RESULTS.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

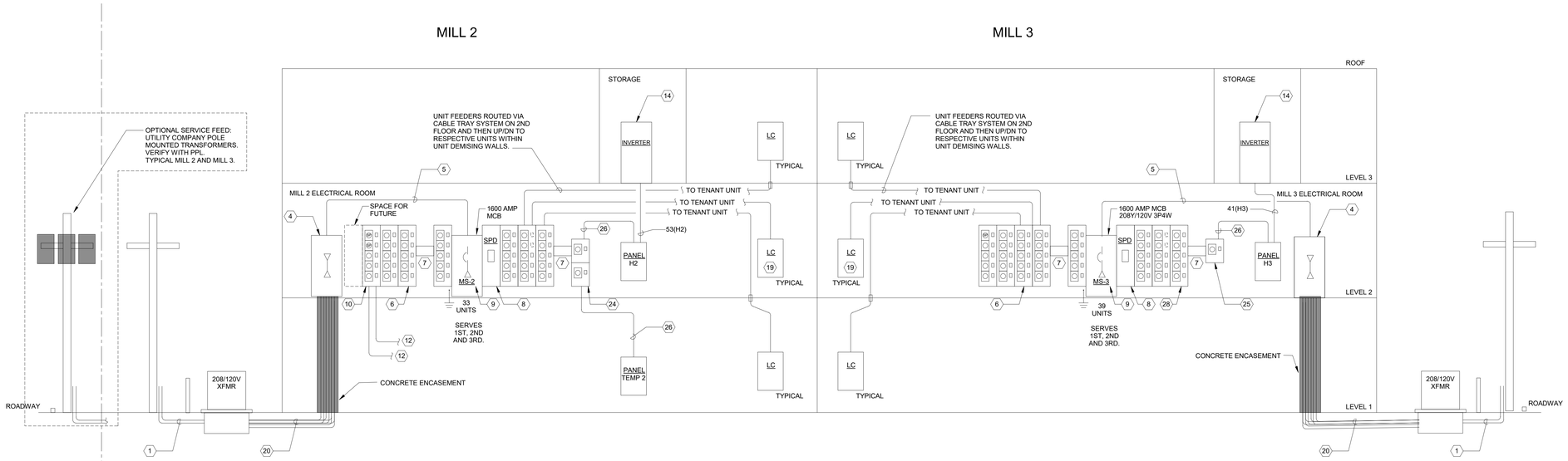
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

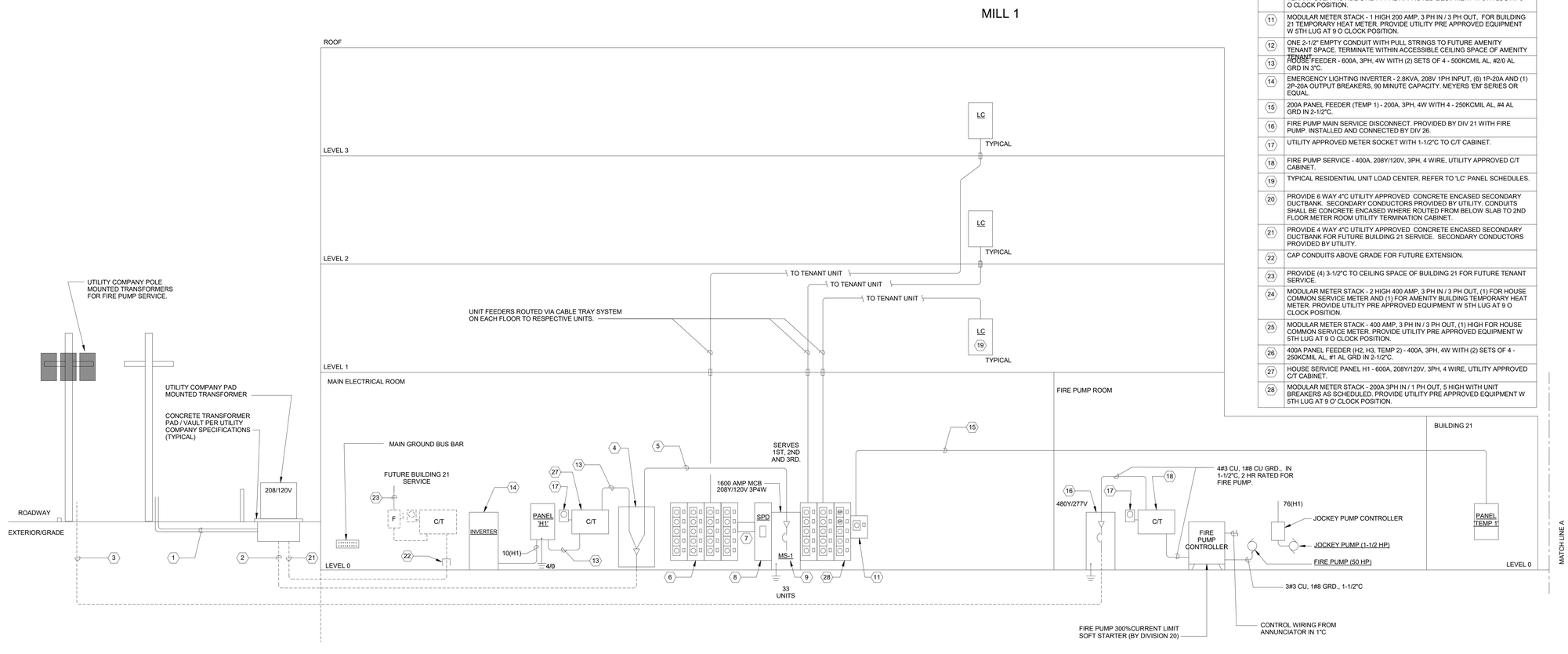
SHEET TITLE
ELECTRICAL RISERS/ONE-LINES

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	JAF	GBF

E6.01

10/16/2020 4:45:12 PM C:\Users\jfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_jfunk8JZRU.rvt





REFERENCED NOTES:

1	PROVIDE 2 WAY UTILITY APPROVED PRIMARY CONCRETE ENCASED DUCTBANK WITH (2) - 6" CONDUITS.
2	PROVIDE 6 WAY 4"C UTILITY APPROVED SECONDARY CONCRETE ENCASED DUCTBANK. SECONDARY CONDUCTORS PROVIDED BY UTILITY.
3	FIRE PUMP SECONDARY SERVICE FEEDER. PROVIDE (2) WAY 4"C UTILITY APPROVED SECONDARY DUCTBANK. SECONDARY CONDUCTORS PROVIDED BY UTILITY.
4	2000 AMP PPL UTILITY APPROVED TERMINATION SECTION, 208Y/120V, 3 PHASE, 4 WIRE. REMSI SK#54
5	METER STACK FEEDER (MS-1) (MS-2) (MS-3). 1600 AMPS 208Y/120V, 3 PHASE, 4 WIRE. PROVIDE (5) SETS OF 4-600KCMIL AL, 350KCMIL AL GRD IN 3-1/2"C.
6	MODULAR METER STACK - 125A 3PH IN / 1 PH OUT, 5 HIGH WITH UNIT BREAKERS AS SCHEDULED. PROVIDE UTILITY PRE APPROVED EQUIPMENT W 5TH LUG AT 9 O CLOCK POSITION.
7	MODULAR METER STACK - INTERNAL ELBOW, AS INDICATED.
8	MODULAR METER STACK - SURGE PROTECTIVE DEVICE, AS INDICATED.
9	MODULAR METER STACK - 1600A MAIN BREAKER DEVICE, 208Y/120V, 3 PHASE, 4 WIRE WITH ARC ENERGY REDUCTION.
10	MODULAR METER STACK - 125A 3PH IN / 1 PH OUT, 5 HIGH WITH (3) UNIT BREAKERS AS SCHEDULED AND (2) METER/BREAKERS FOR FUTURE AMENITY TENANT USE. PROVIDE UTILITY PRE APPROVED EQUIPMENT W 5TH LUG AT 9 O CLOCK POSITION.
11	MODULAR METER STACK - 1 HIGH 200 AMP, 3 PH IN / 3 PH OUT, FOR BUILDING 21 TEMPORARY HEAT METER. PROVIDE UTILITY PRE APPROVED EQUIPMENT W 5TH LUG AT 9 O CLOCK POSITION.
12	ONE 2-1/2" EMPTY CONDUIT WITH PULL STRINGS TO FUTURE AMENITY TENANT SPACE. TERMINATE WITHIN ACCESSIBLE CEILING SPACE OF AMENITY TENANT.
13	HOUSE FEEDER - 600A, 3PH, 4W WITH (2) SETS OF 4 - 500KCMIL AL, #2/0 AL GRD IN 3"C.
14	EMERGENCY LIGHTING INVERTER - 2.8KVA, 208V 1PH INPUT, (6) 1P-20A AND (1) 2P-20A OUTPUT BREAKERS, 90 MINUTE CAPACITY. MEYERS 'EM' SERIES OR EQUAL.
15	200A PANEL FEEDER (TEMP 1) - 200A, 3PH, 4W WITH 4 - 250KCMIL AL, #4 AL GRD IN 2-1/2"C.
16	FIRE PUMP MAIN SERVICE DISCONNECT. PROVIDED BY DIV 21 WITH FIRE PUMP. INSTALLED AND CONNECTED BY DIV 26.
17	UTILITY APPROVED METER SOCKET WITH 1-1/2"C TO C/T CABINET.
18	FIRE PUMP SERVICE - 400A, 208Y/120V, 3PH, 4 WIRE, UTILITY APPROVED C/T CABINET.
19	TYPICAL RESIDENTIAL UNIT LOAD CENTER. REFER TO 'LC' PANEL SCHEDULES.
20	PROVIDE 6 WAY 4"C UTILITY APPROVED CONCRETE ENCASED SECONDARY DUCTBANK. SECONDARY CONDUCTORS PROVIDED BY UTILITY. CONDUITS SHALL BE CONCRETE ENCASED WHERE ROUTED FROM BELOW SLAB TO 2ND FLOOR METER ROOM UTILITY TERMINATION CABINET.
21	PROVIDE 4 WAY 4"C UTILITY APPROVED CONCRETE ENCASED SECONDARY DUCTBANK FOR FUTURE BUILDING 21 SERVICE. SECONDARY CONDUCTORS PROVIDED BY UTILITY.
22	CAP CONDUITS ABOVE GRADE FOR FUTURE EXTENSION.
23	PROVIDE (4) 3-1/2"C TO CEILING SPACE OF BUILDING 21 FOR FUTURE TENANT SERVICE.
24	MODULAR METER STACK - 2 HIGH 400 AMP, 3 PH IN / 3 PH OUT, (1) FOR HOUSE COMMON SERVICE METER AND (1) FOR AMENITY BUILDING TEMPORARY HEAT METER. PROVIDE UTILITY PRE APPROVED EQUIPMENT W 5TH LUG AT 9 O CLOCK POSITION.
25	MODULAR METER STACK - 400 AMP, 3 PH IN / 3 PH OUT, (1) HIGH FOR HOUSE COMMON SERVICE METER. PROVIDE UTILITY PRE APPROVED EQUIPMENT W 5TH LUG AT 9 O CLOCK POSITION.
26	400A PANEL FEEDER (H2, H3, TEMP 2) - 400A, 3PH, 4W WITH (2) SETS OF 4 - 250KCMIL AL, #1 AL GRD IN 2-1/2"C.
27	HOUSE SERVICE PANEL H1 - 600A, 208Y/120V, 3PH, 4 WIRE, UTILITY APPROVED C/T CABINET.
28	MODULAR METER STACK - 200A 3PH IN / 1 PH OUT, 5 HIGH WITH UNIT BREAKERS AS SCHEDULED. PROVIDE UTILITY PRE APPROVED EQUIPMENT W 5TH LUG AT 9 O' CLOCK POSITION.

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

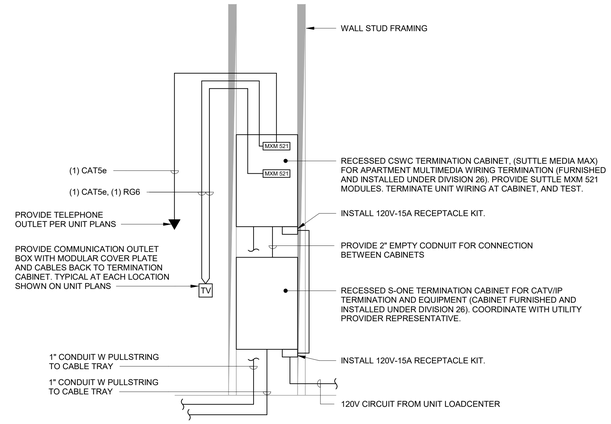
PROJECT DESCRIPTION
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
POWER RISER DIAGRAM

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	JAF	GBF

E6.02

10/16/2020 4:45:13 PM C:\Users\gfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfunk8JzRU.rvt



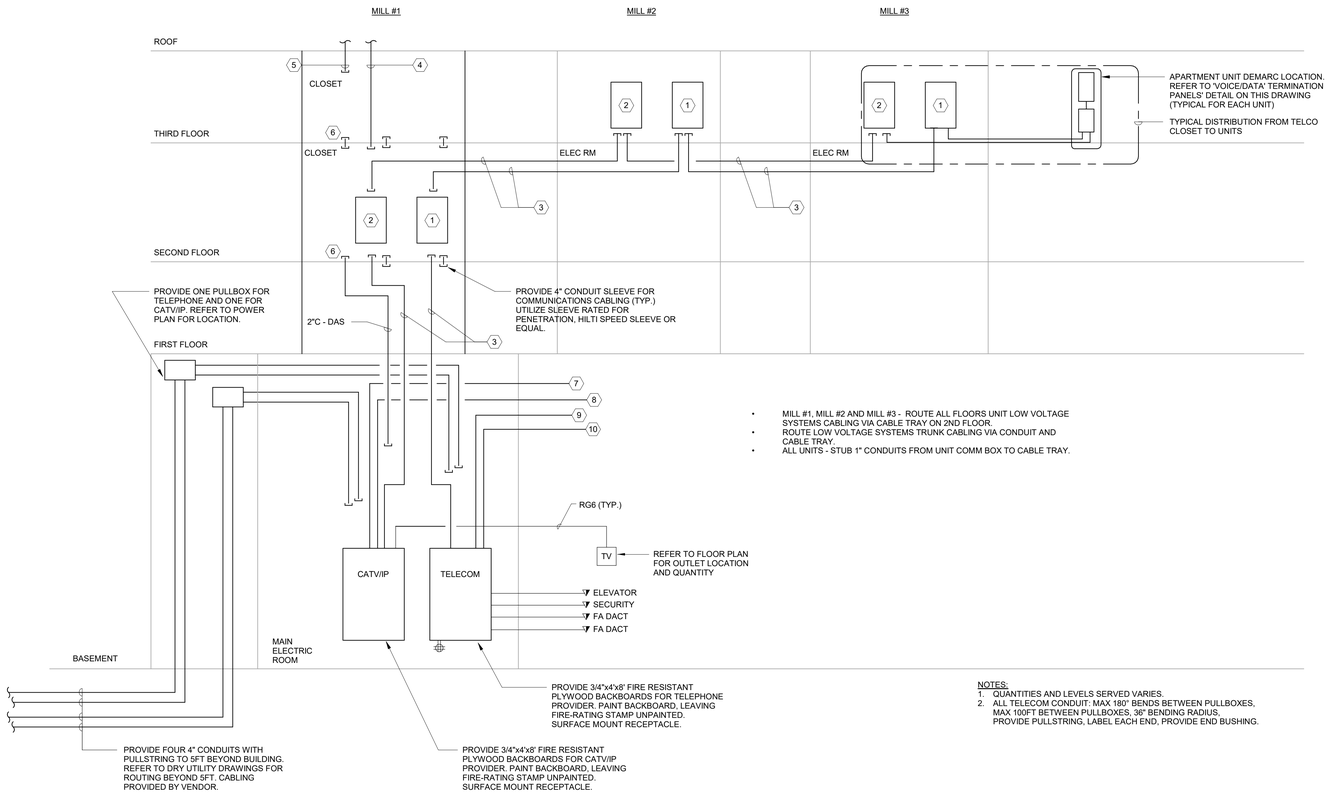
3 VOICE/DATA TERMINATION PANELS
NO SCALE

DRAWING NOTES:

1. PROVIDE NYLON BUSHING ON END OF COMMUNICATIONS CONDUTIS.

SPECIFIC NOTES:

1. PROVIDE 3/4"x4'x8' FIRE RESISTANT PLYWOOD FOR TELEPHONE PROVIDER. PROVIDE 6" STENCILED LETTERING LOCATED 12" FROM TOP OF PLYWOOD BACKBOARD TO READ "TELEPHONE EQUIPMENT ONLY". PAINT BACKBOARD, LEAVING FIRE RATING STAMP UNPAINTED. SURFACE MOUNT RECEPTACLE.
2. PROVIDE 3/4"x4'x8' FIRE RESISTANT PLYWOOD FOR CATV/IP PROVIDER. PAINT BACKBOARD, LEAVING FIRE RATING STAMP UNPAINTED. SURFACE MOUNT RECEPTACLE.
3. PROVIDE (2) - 4" EMPTY CONDUIT EACH WITH PULL STRING FOR TELECOM/CATV/IP, WITH LONG-SWEEP ELBOWS, BUSHINGS, AND PULLSTRING.
4. PROVIDE ONE 2" EMPTY CONDUIT WITH BUSHING, PULLSTRING, AND WEATHERHEAD TO ROOF LEVEL FOR FUTURE SATELLITE VENDOR. COORDINATE LOCATION AND TERMINATION WITH OWNER.
5. PROVIDE ONE 2" EMPTY CONDUIT WITH BUSHING, PULLSTRING, AND WEATHERHEAD TO ROOF LEVEL FOR CONNECTION TO FUTURE DAS DONOR ANTENNA. COORDINATE LOCATION AND TERMINATION WITH OWNER.
6. PROVIDE (2) - 2" CONDUIT SLEEVE FOR FUTURE DAS WIRING.
7. PROVIDE (1) - 2" CONDUIT W PULLSTRING TO BUILDING 21 (FUTURE RESTAURANT) SPACE FOR CATV/IP PROVIDER SERVICES.
8. PROVIDE (1) - 2" CONDUIT W PULLSTRING TO AMENITY SPACE FOR CATV/IP PROVIDER SERVICES.
9. PROVIDE (1) - 2" CONDUIT W PULLSTRING TO BUILDING 21 (FUTURE RESTAURANT) SPACE FOR TELECOM PROVIDER SERVICES.
10. PROVIDE (1) - 2" CONDUIT W PULLSTRING TO AMENITY SPACE FOR TELECOM PROVIDER SERVICES.



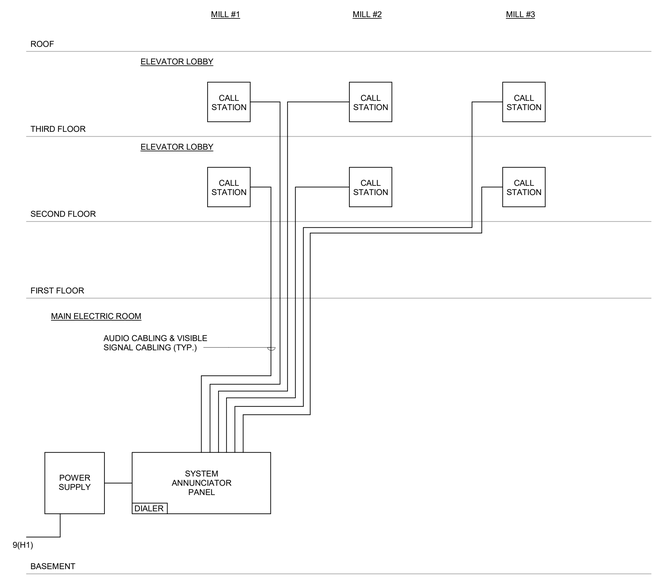
- MILL #1, MILL #2 AND MILL #3 - ROUTE ALL FLOORS UNIT LOW VOLTAGE SYSTEMS CABLING VIA CABLE TRAY ON 2ND FLOOR.
- ROUTE LOW VOLTAGE SYSTEMS TRUNK CABLING VIA CONDUIT AND CABLE TRAY.
- ALL UNITS - STUB 1" CONDUITS FROM UNIT COMM BOX TO CABLE TRAY.

NOTES:
1. QUANTITIES AND LEVELS SERVED VARIES.
2. ALL TELECOM CONDUIT: MAX 180° BENDS BETWEEN PULLBOXES, MAX 100FT BETWEEN PULLBOXES, 36" BENDING RADIUS, PROVIDE PULLSTRING, LABEL EACH END, PROVIDE END BUSHING.

1 TELECOMMUNICATIONS RISER - RESIDENTIAL
NO SCALE

GENERAL TWO-WAY COMMS SYSTEM NOTES:

1. PROVIDE A TWO-WAY COMMUNICATION SYSTEM PER THE REQUIREMENTS OF 2015 IBC 1009.8.
2. PROVIDE AN AUTOMATIC DIALER TO A CENTRAL, SUPERVISED LOCATION, AS APPROVED BY AHJ.
3. PROVIDE A PLACARD ADJACENT TO EACH CALL STATION WITH INSTRUCTIONS ON SYSTEM USE.
4. ALL WIRING, CONDUIT SIZES, AND QUANTITIES SHALL BE IN ACCORDANCE WITH THE SYSTEM MANUFACTURER'S RECOMMENDATIONS.
5. THE DEVICES AND EQUIPMENT SHOWN ON THE DRAWINGS ARE FOR A MINIMUM REQUIREMENT. PROVIDE ADDITIONAL DEVICES AND/OR EQUIPMENT AS REQUIRED, AND ANY OTHER REQUIREMENTS OF THE AHJ, AT NO ADDITIONAL COST TO THE OWNER.



2 TWO-WAY COMMUNICATION SYSTEM RISER DIAGRAM
NO SCALE

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

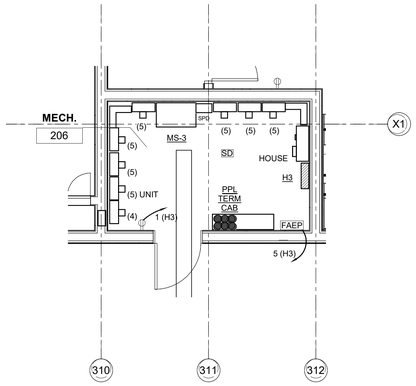
PROJECT DESCRIPTION
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
COMMUNICATION RISER DIAGRAM

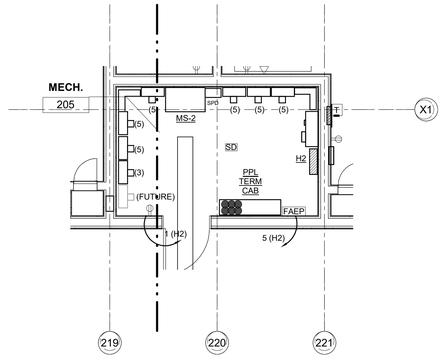
ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

E6.03

10/16/2020 4:45:18 PM C:\Users\gfurnit\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurnit6JZRU.rvt



2 MILL 3 - SECOND FLOOR METER ROOM
1/4" = 1'-0"



1 MILL 2 - SECOND FLOOR METER ROOM
1/4" = 1'-0"

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

0 4 8 12 16

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION

STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
ELECTRICAL PART PLANS

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

E6.04

10/16/2020 4:46:18 PM C:\Users\gfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurst8JZRU.rvt

Branch Panel: H3

Location:
Supply From: MS-3
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 120/208 Wye
Phases: 3
Wires: 4
Manufacturer:
Model:
A.I.C. Rating: 35K
BUS OCP Type: MLO
BUS Rating: 400 A
MCB Rating: NONE

Notes: MILL #3 HOUSE PANEL

CKT	Circuit Description	Notes	Trip	Poles	Wire & Conduit Size	A	B	C	A	B	C	Wire & Conduit Size	Poles	Trip	Notes	Circuit Description	CKT
1	REC: ELEC RM		20 A	1	1#12, 1#12N, 1#12G in 3/4"C	0.2 kVA			1.3 kVA			1#12, 1#12N, 1#12G in 3/4"C	1	20 A		REC: ROOF EQUIP	2
3	REC: TELE BOARD		20 A	1	1#12, 1#12N, 1#12G in 3/4"C		0.4 kVA			1.1 kVA		1#12, 1#12N, 1#12G in 3/4"C	1	20 A		REC: CORRIDOR	4
5	FIRE EXPANDER PNL	(2)	20 A	1	1#12, 1#12N, 1#12G in 3/4"C			1.1 kVA			1.6 kVA	1#12, 1#12N, 1#12G in 3/4"C	1	20 A		REC: CORRIDOR	6
7	REC: CORRIDOR		20 A	1	1#12, 1#12N, 1#12G in 3/4"C	1.1 kVA			0.5 kVA			1#12, 1#12N, 1#12G in 3/4"C	1	20 A		REC: ELEV LOBBY	8
9	FIRE SM DAMPERS 1ST 2ND		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C		0.9 kVA			0.0 kVA			1	20 A		SPARE	10
11	FIRE SMOKE DAMPERS 3RD		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C			1.3 kVA			0.0 kVA		1	20 A		SPARE	12
13	SPARE		20 A	1		0.0 kVA			0.0 kVA			--	--	--	--	SPACE	14
15	SPARE		20 A	1			0.0 kVA			2.4 kVA		2#10, 1#10G IN 3/4"C	2	30 A		EWH-16	16
17	SPARE		20 A	1				0.0 kVA			2.4 kVA	--	--	--	--	--	18
19	SPARE		20 A	1		0.0 kVA			2.4 kVA			2#10, 1#10G IN 3/4"C	2	30 A		EWH-17	20
21	LTG: MILL 3 ELEVATOR PIT		20 A	1	1#10, 1#10N, 1#10G IN 3/4"C		0.3 kVA			2.4 kVA		--	--	--	--	--	22
23	LTG: MILL 3 UTIL RMS.		20 A	1	1#10, 1#10N, 1#10G IN 3/4"C			0.2 kVA			2.4 kVA	2#10, 1#10G IN 3/4"C	2	30 A		EWH-18	24
25	SPACE	--	--	--	--	0.0 kVA			2.4 kVA			--	--	--	--	--	26
27	SPACE	--	--	--	--		0.0 kVA			2.4 kVA		2#10, 1#10G IN 3/4"C	2	30 A		EWH-19	28
29	SPACE	--	--	--	--			0.0 kVA			2.4 kVA	--	--	--	--	--	30
31	SPACE	--	--	--	--	0.0 kVA			2.4 kVA			2#10, 1#10G IN 3/4"C	2	30 A		EWH-20	32
33	SPACE	--	--	--	--		0.0 kVA			2.4 kVA		--	--	--	--	--	34
35	SPACE	--	--	--	--			0.0 kVA			2.4 kVA	2#10, 1#10G IN 3/4"C	2	30 A		EWH-21	36
37	DWH-4		30 A	2	2#10, 1#10G IN 3/4"C	1.5 kVA			2.4 kVA			--	--	--	--	--	38
39	--	--	--	--	--		1.5 kVA			2.4 kVA		2#10, 1#10G IN 3/4"C	2	30 A		EWH-22	40
41	INVERTER M3		20 A	2	2#12, 1#12G IN 3/4"C			1.3 kVA			2.4 kVA	--	--	--	--	--	42
43	--	--	--	--	--	0.8 kVA			2.4 kVA			2#10, 1#10G IN 3/4"C	2	30 A		EWH-23	44
45	SP-3 SUMP PMP		20 A	2	2#12, 1#12G IN 3/4"C		0.9 kVA			2.4 kVA		--	--	--	--	--	46
47	--	--	--	--	--			0.9 kVA			2.4 kVA	2#10, 1#10G IN 3/4"C	2	30 A		EWH-24	48
49	REC: ELEV PIT		20 A	1	1#12, 1#12N, 1#12G in 3/4"C	0.2 kVA			2.4 kVA			--	--	--	--	--	50
51	REC: ELEV SHAFT		20 A	1	1#12, 1#12N, 1#12G in 3/4"C		0.2 kVA			3.6 kVA		2#8, 1#10G IN 3/4"C	2	45 A		RTU-3	52
53	ELEV CAB CAR #3		20 A	1	1#12, 1#12N, 1#12G in 3/4"C			0.5 kVA			3.6 kVA	--	--	--	--	--	54
55	ELEVATOR #3	(1)	80 A	3	3#4, 1#8G IN 1-1/2"	4.9 kVA			11.0...			3#2, 1#6G IN 1-1/4"C	3	110 A		DOAS-M3	56
57	--	--	--	--	--		4.9 kVA			11.0...		--	--	--	--	--	58
59	--	--	--	--	--			4.9 kVA			11.0...	--	--	--	--	--	60
					Total Load:	35.8 kVA		35.6 kVA		37.3 kVA							
					Total Amps:	299 A		297 A		312 A							

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
HVAC	33678 VA	100.00%	33678 VA		
Heating	43200 VA	100.00%	43200 VA	**Total Conn. Load:**	108693 VA
Motor	16590 VA	100.00%	16590 VA	**Total Est. Demand:**	108693 VA
Power - General	3710 VA	100.00%	3710 VA	**Total Conn. Current:**	302 A
Receptacle	6480 VA	100.00%	6480 VA	**Total Est. Demand Current:**	302 A
Lighting	2572 VA	100.00%	2572 VA		
Water Heater	3000 VA	100.00%	3000 VA		

Notes: (1) SHUNT TRIP BREAKER VIA FIRE ALARM SYSTEM. (2) PROVIDE BREAKER LOCK ON CLIP.

Branch Panel: LC1

Location:
Supply From:
Mounting: FLUSH
Enclosure: NEMA 1
Volts: 120/208 Single
Phases: 1
Wires: 3
Manufacturer:
Model:
A.I.C. Rating: 22K (10K>80' FROM METER)
BUS OCP Type: MLO
BUS Rating: 125 A
MCB Rating: NONE

Notes: TYPICAL 1 BEDROOM UNIT LOAD CENTER

CKT	Circuit Description	Notes	Trip	Poles	Wire & Conduit Size	A	B	A	B	Wire & Conduit Size	Poles	Trip	Notes	Circuit Description	CKT
1	REC - REFRIGERATOR	(2)	20 A	1	1#12, 1#12N, 1#12G	1.0 kVA		0.5 kVA		1#12, 1#12N, 1#12G	1	20 A	(2)	REC - KITCHEN	2
3	REC - RANGE		50 A	2	2#6, 1#6N, 1#10G		4.4 kVA		0.7 kVA	1#12, 1#12N, 1#12G	1	20 A	(2)	REC - KITCHEN	4
5	--	--	--	--	--	4.4 kVA		2.5 kVA		2#10, 1#10G	2	25 A	(3)	HVAC	6
7	REC - DISHWASHER	(2)	15 A	1	1#12, 1#12N, 1#12G		0.7 kVA		2.5 kVA	--	--	--	--	--	8
9	SPACE	--	--	--	--	0.0 kVA		1.2 kVA		1#12, 1#12N, 1#12G	1	20 A	(2)	REC - RANGE HOOD	10
11	WATER HEATER	(4)	30 A	2	2#10, 1#10N, 1#10G		2.3 kVA		1.3 kVA	1#14, 1#14N, 1#14G	1	15 A	(1)	REC - LIVING ROOM	12
13	--	--	--	--	--	2.3 kVA		1.2 kVA		1#14, 1#14N, 1#14G	1	15 A	(1)	BEDROOM #1	14
15	UNIT LIGHTING	(1)	15 A	1	1#14, 1#14N, 1#14G		0.1 kVA		0.0 kVA	--	--	--	--	SPACE	16
17	REC - DRYER		30 A	2	2#10, 1#10N, 1#10G	2.5 kVA		0.0 kVA		--	--	--	--	SPACE	18
19	--	--	--	--	--		2.5 kVA		0.2 kVA	1#12, 1#12N, 1#12G	1	20 A		REC - BATHROOM #1	20
21	REC - WASHER	(2)	20 A	1	1#12, 1#12N, 1#12G	1.2 kVA		1.0 kVA		1#14, 1#14N, 1#14G	1	15 A	(6)	CLOSET BASEBOARD	22
23	HEAT TRACE	(5)	20 A	1	1#12, 1#12N, 1#12G		1.3 kVA		1.0 kVA	1#14, 1#14N, 1#14G	1	15 A	(7)	CLOSET BASEBOARD	24
					Total Load:	17686 VA		16902 VA							
					Total Amps:	169 A		163 A							

Notes: (1) AFCI TYPE BREAKER (2) DUAL FUNCTION AFCI/GFCI TYPE BREAKER. (3) FEED TO OUTDOOR UNIT - INDOOR UNITS ARE FED WITH INDEPENDENT FEEDS FROM OUTDOOR UNIT.
(4) PROVIDE BREAKER LOCK OUT DEVICE. (5) GFPE BREAKER. (6) PHASE 1 UNITS 1110, 1210, 1310, 2202, 2302, 1211, 1311 AND 2301 ONLY . (7) PH 1 UNITS 1211, 1311 AND 2301 ONLY.

Branch Panel: LC2

Location:
Supply From:
Mounting: FLUSH
Enclosure: NEMA 1
Volts: 120/208 Single
Phases: 1
Wires: 3
Manufacturer:
Model:
A.I.C. Rating: 22K (10K > 80' FROM METER)
BUS OCP Type: MLO
BUS Rating: 125 A
MCB Rating: NONE

Notes: TYPICAL 2 BEDROOM UNIT

CKT	Circuit Description	Notes	Trip	Poles	Wire & Conduit Size	A	B	A	B	Wire & Conduit Size	Poles	Trip	Notes	Circuit Description	CKT
1	REC - REFRIGERATOR	(2)	20 A	1	1#12, 1#12N, 1#12G	1.0 kVA		0.5 kVA		1#12, 1#12N, 1#12G	1	20 A	(2)	REC - KITCHEN	2
3	REC - RANGE		50 A	2	2#6, 1#6N, 1#10G		4.4 kVA		0.5 kVA	1#12, 1#12N, 1#12G	1	20 A	(2)	REC - KITCHEN	4
5	--	--	--	--	--	4.4 kVA		0.0 kVA		2#10, 1#10G	2	25 A	(3)	HVAC	6
7	REC - DISHWASHER	(2)	20 A	1	1#12, 1#12N, 1#12G		0.7 kVA		0.0 kVA	--	--	--	--	--	8
9	SPACE	--	--	--	--	0.0 kVA		1.2 kVA		1#12, 1#12N, 1#12G	1	20 A	(2)	REC - RANGE HOOD	10
11	WATER HEATER	(4)	30 A	2			2.3 kVA		1.1 kVA	1#14, 1#14N, 1#14G	1	15 A	(1)	REC - LIVING ROOM	12
13	--	--	--	--	--	2.3 kVA		1.0 kVA		1#14, 1#14N, 1#14G	1	15 A	(1)	BEDROOM #1	14
15	UNIT LIGHTING	(1)	15 A	1	1#14, 1#14N, 1#14G		0.2 kVA		1.2 kVA	1#14, 1#14N, 1#14G	1	15 A	(1)	BEDROOM #2	16
17	REC - DRYER		30 A	2	2#10, 1#10N, 1#10G	2.5 kVA		0.0 kVA			1	20 A		SPARE	18
19	--	--	--	--	--		2.5 kVA		0.2 kVA	1#12, 1#12N, 1#12G	1	20 A		REC - BATHROOM #1	20
21	REC - WASHER	(2)	20 A	1	1#12, 1#12N, 1#12G	1.2 kVA		0.2 kVA		1#12, 1#12N, 1#12G	1	20 A		REC - BATHROOM #2	22
23	HEAT TRACE	(5)	20 A	1	1#12, 1#12N, 1#12G		1.3 kVA		0.0 kVA	--	--	--	--	SPACE	24
					Total Load:	14236 VA		14282 VA							
					Total Amps:	137 A		137 A							

Notes: (1) AFCI TYPE BREAKER (2) DUAL FUNCTION AFCI/GFCI TYPE BREAKER. (3) FEED TO OUTDOOR UNIT - INDOOR UNITS ARE FED WITH INDEPENDENT FEEDS FROM OUTDOOR UNIT.
(4) PROVIDE BREAKER LOCK OUT DEVICE. (5) GFPE BREAKER

Branch Panel: H1

Location: ELECTRICAL UTILITY ROOM 002
Supply From: UTILITY TERM CAB
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 120/208 Wye
Phases: 3
Wires: 4
Manufacturer:
Model:
A.I.C. Rating: 42K
BUS OCP Type: MCB
BUS Rating: 600 A
MCB Rating: 600A

Notes: MILL #1 HOUSE PANEL

CKT	Circuit Description	Notes	Trip	Poles	Wire & Conduit Size	A	B	C	A	B	C	Wire & Conduit Size	Poles	Trip	Notes	Circuit Description	CKT
1	REC: ELEC RM		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C	0.7 kVA			0.9 kVA			1#12, 1#12N, 1#12G in 3/4"C	1	20 A		REC: ROOF EQUIP	2
3	REC: TELE BOARD		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C		0.4 kVA			1.6 kVA		1#12, 1#12N, 1#12G in 3/4"C	1	20 A		REC: CORRIDOR	4
5	FIRE CONTROL PNL	(2)	20 A	1	1#12, 1#12N, 1#12G in 3/4"C			1.1 kVA			1.6 kVA	1#12, 1#12N, 1#12G in 3/4"C	1	20 A		REC: CORRIDOR	6
7	FIRE EXPANDER PNL	(2)	20 A	1	1#12, 1#12N, 1#12G in 3/4"C	1.1 kVA			0.5 kVA			1#12, 1#12N, 1#12G in 3/4"C	1	20 A		REC: ELEV LOBBY	8
9	EMERG CALL CNTRL	(2)	20 A	1	1#12, 1#12N, 1#12G IN 3/4"C		1.1 kVA			1.7 kVA		2#10, 1#10N, 1#10G IN 3/4"C	2	30 A	(2)	INVERTER	10
11	REC: LOBBY		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C			0.5 kVA			0.6 kVA	--	--	--	--	--	12
13	AUTO FLUSH/LAV		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C	0.1 kVA			0.4 kVA			1#12, 1#12N, 1#12G in 3/4"C	1	20 A		TELE 2ND FL	14
15	FIRE SM DAMPERS 1ST 2ND		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C		0.7 kVA			0.2 kVA		1#12, 1#12N, 1#12G IN 3/4"C	1	20 A		REC: WATER COOLER	16
17	FIRE SMOKE DAMPERS 3RD		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C			1.2 kVA			0.4 kVA	1#12, 1#12N, 1#12G IN 3/4"C	1	20 A		REC: SINKS	18
19	LTG: MILL 1 UTIL RMS		20 A	1	1#10, 1#10N, 1#10G IN 3/4"C	0.3 kVA			0.0 kVA				1	20 A		SPARE	20
21	SPARE		20 A	1			0.0 kVA			0.8 kVA		2#6, 1#10G IN 1-1/2"C	2	20 A	(3)	SITE LIGHTING SOUTH	22
23	SPARE		20 A	1				0.0 kVA			0.8 kVA	--	--	--	--	--	24
25	SPARE		20 A	1		0.0 kVA			0.7 kVA			2#8, 1#10G IN 3/4"C	2	20 A	(3)	SITE LIGHTING - WEST	26
27	SITE LIGHTING- EAST	(3)	20 A	2	2#6, 1#10G IN 1-1/2"C		0.7 kVA			0.7 kVA		--	--	--	--	--	28
29	--	--	--	--	--			0.7 kVA			0.0 kVA	--	--	--	--	SPACE	30
31	SITE LIGHTING - NORTH...	(3)	20 A	2	2#8, 1#10G IN 3/4"C	0.5 kVA			0.0 kVA			--	--	--		SPACE	32
33	--	--	--	--	--		0.5 kVA			1.5 kVA		2#10, 1#10G IN 3/4"C	2	30 A		DWH-3 2ND FL	34
35	LTG: BASEMENT		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C			0.6 kVA			1.5 kVA	--	--	--	--	--	36
37	SIGN POWER/LIGHTING	(3)	20 A	1	1#12, 1#12N, 1#12G IN 3/4"C	1.0 kVA			1.3 kVA			2#12, 1#12G IN 3/4"C	2	20 A		DWH-4	38
39	LTG: MILL 1 ELEVATOR PIT		20 A	1	1#10, 1#10N, 1#10G IN 3/4"C		0.3 kVA			1.3 kVA		--	--	--	--	--	40
41	LTG: CAFETERIA EXTERIOR	(3)	20 A	2	2#12, 1#12G IN 3/4"C			0.1 kVA			0.1 kVA	1#12, 1#12N, 1#12G IN 3/4"C	1	15 A		CP-1	42
43	--	--	--	--	--	0.1 kVA			2.4 kVA			2#10, 1#10G IN 3/4"C	2	30 A		EWH-2	44
45	EWH-1		30 A	2	2#10, 1#10G IN 3/4"C		2.4 kVA			2.4 kVA		--	--	--	--	--	46
47	--	--	--	--	--			2.4 kVA			2.4 kVA	2#10, 1#10G IN 3/4"C	2	30 A		EWH-4	48
49	EWH-3		30 A	2	2#10, 1#10G IN 3/4"C	2.4 kVA			2.4 kVA			--	--	--	--	--	50
51	--	--	--	--	--		2.4 kVA			2.4 kVA		2#10, 1#10G IN 3/4"C	2	30 A		EWH-6	52
53	EWH-5		30 A	2	2#10, 1#10G IN 3/4"C			2.4 kVA			2.4 kVA	--	--	--	--	--	54
55	--	--	--	--	--	2.4 kVA			2.4 kVA			2#10, 1#10G IN 3/4"C	2	30 A		EWH-8	56
57	EWH-7		30 A	2	2#10, 1#10G IN 3/4"C		2.4 kVA			2.4 kVA		--	--	--	--	--	58
59	--	--	--	--	--			2.4 kVA			2.4 kVA	2#10, 1#10G IN 3/4"C	2	30 A		EWH-25	60
61	EWH-9		30 A	2	2#10, 1#10G IN 3/4"C	2.4 kVA			2.4 kVA			--	--	--	--	--	62
63	--	--	--	--	--		2.4 kVA			2.5 kVA		2#10, 1#10G IN 3/4"C	2	30 A		EUH-28	64
65	AHU-1		50 A	2	2#8, 1#10G IN 3/4"C			5.1 kVA			2.5 kVA	--	--	--	--	--	66
67	--	--	--	--	--	5.1 kVA			1.5 kVA			2#10, 1#10G IN 3/4"C	2	30 A		EUH-29	68
69	ERV-1		15 A	3	3#12, 1#12G IN 3/4"C		0.6 kVA			1.5 kVA		--	--	--	--	--	70
71	--	--	--	--	--			0.6 kVA			2.3 kVA	2#8, 1#10G IN 3/4"C	2	35 A		SSHP-1	72
73	--	--	--	--	--	0.6 kVA			2.3 kVA			--	--	--	--	--	74
75	SPACE	--	--	--	--		0.0 kVA			0.8 kVA		3#12, 1#12G IN 3/4"C	3	15 A		JP-1 JOCKEY PUMP	76
77	SPACE	--	--	--	--			0.0 kVA			0.8 kVA	--	--	--	--	--	78
79	SPACE	--	--	--	--	0.0 kVA			0.8 kVA			--	--	--	--	--	80
81	SP-1 SUMP PMP		20 A	2	2#12, 1#12G IN 3/4"C		0.9 kVA			4.9 kVA		3#8, 1#10G IN 3/4"C	3	50 A	(4)	DOMESTIC BOOSTER PUMP	82
83	--	--	--	--	--			0.9 kVA			4.9 kVA	--	--	--	--	--	84
85	REC: ELEV PIT		20 A	1	1#12, 1#12N, 1#12G in 3/4"C	0.2 kVA			4.9 kVA			--	--	--	--	--	86
87	REC: ELEV SHAFT		20 A	1	1#12, 1#12N, 1#12G in 3/4"C		0.2 kVA			3.6 kVA		2#8, 1#10G IN 3/4"C	2	45 A		RTU-1	88
89	ELEV CAB CAR #1		20 A	1	1#12, 1#12N, 1#12G in 3/4"C			0.5 kVA			3.6 kVA	--	--	--	--	--	90
91	ELEVATOR #1	(1)	80 A	3	3#4, 1#8G IN 1-1/2"	4.9 kVA			6.7 kVA			3#4, 1#8G IN 1-1/4"C	3	80 A		DOAS-M1	92
93	--	--	--	--	--		4.9 kVA			6.7 kVA		--	--	--	--	--	94
95	--	--	--	--	--			4.9 kVA			6.7 kVA	--	--	--	--	--	96
					Total Load:	51.1 kVA		51.2 kVA		52.8 kVA							
					Total Amps:	426 A		427 A		440 A							

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
HVAC	35749 VA	100.00%	35749 VA		
Heating	56000 VA	100.00%	56000 VA	**Total Conn. Load:**	154997 VA
Motor	35983 VA	100.00%	35983 VA	**Total Est. Demand:**	154997 VA
Power - General	5745 VA	100.00%	5745 VA	**Total Conn. Current:**	430 A
Receptacle	7560 VA	100.00%	7560 VA	**Total Est. Demand Current:**	430 A
Lighting	8977 VA	100.00%	8977 VA		
Water Heater	5500 VA	100.00%	5500 VA		

Notes: (1) SHUNT TRIP BREAKER VIA FIRE ALARM SYSTEM. (2) PROVIDE BREAKER LOCK ON CLIP. (3) VIA CONTACTOR C1 AND TIMECLOCK. (4) PROVIDE UNDER ADD ALTERNATE.

Branch Panel: H2

Location:
Supply From: MS-2
Mounting: SURFACE
Enclosure: NEMA 1
Volts: 120/208 Wye
Phases: 3
Wires: 4
Manufacturer:
Model:
A.I.C. Rating: 35K
BUS OCP Type: MLO
BUS Rating: 400 A
MCB Rating: NONE

Notes: MILL #2 HOUSE PANEL

CKT	Circuit Description	Notes	Trip	Poles	Wire & Conduit Size	A	B	C	A	B	C	Wire & Conduit Size	Poles	Trip	Notes	Circuit Description	CKT
1	REC: ELEC RM		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C	0.2 kVA			1.4 kVA			1#12, 1#12N, 1#12G in 3/4"C	1	20 A		REC: ROOF EQUIP	2
3	REC: TELE BOARD		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C		0.4 kVA			1.6 kVA		1#12, 1#12N, 1#12G in 3/4"C	1	20 A		REC: CORRIDOR	4
5	FIRE EXPANDER PNL	(2)	20 A	1	1#12, 1#12N, 1#12G IN 3/4"C			1.1 kVA			1.1 kVA	1#12, 1#12N, 1#12G in 3/4"C	1	20 A		REC: CORRIDOR	6
7	FIRE SM DAMPERS 1ST 2ND		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C	0.6 kVA			0.0 kVA			1#12, 1#12N, 1#12G IN 3/4"C	1	20 A		DCU-1 WATER METER...	8
9	FIRE SMOKE DAMPERS 3RD		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C		1.2 kVA			0.0 kVA		--	--	--	--	SPACE	10
11	SPARE		20 A	1				0.0 kVA			0.0 kVA	--	--	--	--	SPACE	12
13	SPARE		20 A	1		0.0 kVA			0.0 kVA			--	--	--	--	SPACE	14
15	SPARE		20 A	1			0.0 kVA			0.0 kVA		--	--	--	--	SPACE	16
17	SPARE		20 A	1				0.0 kVA			0.0 kVA	--	--	--	--	SPACE	18
19	SPACE	--	--	--	--	0.0 kVA			0.0 kVA			--	--	--	--	SPACE	20
21	SPACE	--	--	--	--		0.0 kVA			0.0 kVA		--	--	--	--	SPACE	22
23	SPACE	--	--	--	--			0.0 kVA			0.0 kVA	--	--	--	--	SPACE	24
25	LTG: BUILDING EXTERIOR	(3)	20 A	1	1#10, 1#10N, 1#10G IN 3/4"C	0.7 kVA			0.0 kVA			--	--	--	--	SPACE	26
27	LTG: MILL2 UTIL RMS.		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C		0.1 kVA			0.0 kVA		--	--	--	--	SPACE	28
29	LTG: MILL 2 ELEVATOR PIT		20 A	1	1#10, 1#10N, 1#10G IN 3/4"C			0.3 kVA			0.0 kVA	--	--	--	--	SPACE	30
31	SIGN POWER/LIGHTING	(3)	20 A	1	1#12, 1#12N, 1#12G IN 3/4"C	1.0 kVA			0.0 kVA			--	--	--	--	SPACE	32
33	SPACE	--	--	--	--		0.0 kVA			0.0 kVA		--	--	--	--	SPACE	34
35	SPACE	--	--	--	--			0.0 kVA			0.0 kVA	--	--	--	--	SPACE	36
37	SPACE	--	--	--	--	0.0 kVA			0.0 kVA			--	--	--	--	SPACE	38
39	SPACE	--	--	--	--		0.0 kVA			0.0 kVA		--	--	--	--	SPACE	40
41	SPACE	--	--	--	--			0.0 kVA			0.0 kVA	--	--	--	--	SPACE	42
43	SPACE	--	--	--	--	0.0 kVA			0.0 kVA			--	--	--	--	SPACE	44
45	SPACE	--	--	--	--		0.0 kVA			0.0 kVA		--	--	--	--	SPACE	46
47	SPACE	--	--	--	--			0.0 kVA			0.0 kVA	--	--	--	--	SPACE	48
49	SPACE	--	--	--	--	0.0 kVA			0.0 kVA			--	--	--	--	SPACE	50
51	SPACE	--	--	--	--		0.0 kVA			2.4 kVA		2#10, 1#10G IN 3/4"C	2	30 A		EWH-10	52
53	INVERTER M2	(2)	20 A	2	2#12, 1#12N, 1#12G IN 3/4"C			1.5 kVA			2.4 kVA	--	--	--	--	--	54
55	--	--	--	--	--	1.2 kVA			2.4 kVA			2#10, 1#10G IN 3/4"C	2	30 A		EWH-11	56
57	SPACE	--	--	--	--		0.0 kVA			2.4 kVA		--	--	--	--	--	58
59	SPACE	--	--	--	--			0.0 kVA			0.0 kVA	--	--	--	--	SPACE	60
61	SPACE	--	--	--	--	0.0 kVA			0.0 kVA			--	--	--	--	SPACE	62
63	SPACE	--	--	--	--		0.0 kVA			2.4 kVA		2#10, 1#10G IN 3/4"C	2	30 A		EWH-13	64
65	SPACE	--	--	--	--			0.0 kVA			2.4 kVA	--	--	--	--	--	66
67	SPACE	--	--	--	--	0.0 kVA			0.0 kVA			--	--	--	--	SPACE	68
69	SP-2 SUMP PMP		20 A	2	2#12, 1#12G IN 3/4"C		0.9 kVA			0.0 kVA		--	--	--	--	SPACE	70
71	--	--	--	--	--			0.9 kVA			2.4 kVA	2#10, 1#10G IN 3/4"C	2	30 A		EWH-15	72
73	REC: ELEV PIT		20 A	1	1#12, 1#12N, 1#12g in 3/4"c	0.2 kVA			2.4 kVA			--	--	--	--	--	74
75	REC: ELEV SHAFT		20 A	1	1#12, 1#12N, 1#12G in 3/4"C		0.2 kVA			3.6 kVA		2#8, 1#10G IN 3/4"C	2	45 A		RTU-2	76
77	ELEV CAB CAR		20 A	1	1#12, 1#12N, 1#12G in 3/4"C			0.5 kVA			3.6 kVA	--	--	--	--	--	78
79	ELEVATOR #2	(1)	80 A	3	3#4, 1#8G IN 1-1/2"	4.9 kVA			11.0...			3#2, 1#6G IN 1-1/4"C	3	110 A		DOAS-M2	80
81	--	--	--	--	--		4.9 kVA			11.0...		--	--	--	--	--	82
83	--	--	--	--	--			4.9 kVA			11.0...	--	--	--	--	--	84
					Total Load:	26.1 kVA		27.7 kVA		28.6 kVA							
					Total Amps:	217 A		232 A		241 A							

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
HVAC	33678 VA	100.00%	33678 VA		
Heating	19200 VA	100.00%	19200 VA	**Total Conn. Load:**	82217 VA
Motor	17590 VA	100.00%	17590 VA	**Total Est. Demand:**	82217 VA
Power - General	3350 VA	100.00%	3350 VA	**Total Conn. Current:**	228 A
Receptacle	5040 VA	100.00%	5040 VA	**Total Est. Demand Current:**	228 A
Lighting	3819 VA	100.00%	3819 VA		

Notes: (1) SHUNT TRIP BREAKER VIA FIRE ALARM SYSTEM. (2) PROVIDE BREAKER LOCK ON CLIP. (3) VIA CONTACTOR C2 AND TIMECLOCK.

SCHEDULE LIST:
PANEL H1
PANEL H2
PANEL H3
PANEL LC1
PANEL LC2

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
ELECTRICAL SCHEDULES

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	JAF	GBF

E7.01

10/16/2020 4:45:20 PM C:\Users\gfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfunk8J2RU.rvt

Branch Panel: LC3

Location: | **Volts:** 120/208 Single | **A.I.C. Rating:** 22K (10K > 80' FROM METER)
Supply From: | **Phases:** 1 | **BUS OCP Type:** MLO
Mounting: FLUSH | **Wires:** 3 | **BUS Rating:** 150 A
Enclosure: NEMA 1 | **Manufacturer:** | **MCB Rating:** NONE
Model:

Notes: 2 BEDROOM LOAD CENTER (2A, 2B, 2C, 2D)

CKT	Circuit Description	Notes	Trip	Poles	Wire & Conduit Size	A	B	A	B	Wire & Conduit Size	Poles	Trip	Notes	Circuit Description	CKT
1	REC - REFRIGERATOR	(2)	20 A	1	1#12, 1#12N, 1#12G	1.0 kVA		0.5 kVA		1#12, 1#12N, 1#12G	1	20 A	(2)	REC - KITCHEN	2
3	REC - RANGE		20 A	2	2#6, 1#6N, 1#10G		4.4 kVA		0.5 kVA	1#12, 1#12N, 1#12G	1	20 A	(2)	REC - KITCHEN	4
5	--	--	--	--	--	4.4 kVA		0.7 kVA		2#10, 1#10G	2	25 A	(3)	HVAC - #1	6
7	REC - DISHWASHER	(2)	20 A	1	1#12, 1#12N, 1#12G		0.7 kVA		0.7 kVA	--	--	--	--	--	8
9	SPACE	--	--	--	--	0.0 kVA		1.2 kVA		1#12, 1#12N, 1#12G	1	20 A	(2)	REC - RANGE HOOD	10
11	WATER HEATER	(4)	30 A	2	2#10, 1#10G		2.3 kVA		1.3 kVA	1#14, 1#14N, 1#14G	1	15 A	(1)	REC - LIVING ROOM	12
13	--	--	--	--	--	2.3 kVA		1.3 kVA		1#14, 1#14N, 1#14G	1	15 A	(1)	REC - BEDROOM #1	14
15	UNIT LIGHTING	(1)	15 A	1	1#14, 1#14N, 1#14G		0.2 kVA		1.3 kVA	1#14, 1#14N, 1#14G	1	15 A	(1)	REC - BEDROOM #2	16
17	REC - DRYER		30 A	2	2#10, 1#10N, 1#10G	2.5 kVA		0.0 kVA		--	--	--	--	SPACE	18
19	--	--	--	--	--		2.5 kVA		0.2 kVA	1#12, 1#12N, 1#12G	1	20 A		REC - BATHROOM #1	20
21	REC - WASHER	(2)	20 A	1	1#12, 1#12N, 1#12G	1.2 kVA		0.2 kVA		1#12, 1#12N, 1#12G	1	20 A		REC - BATHROOM #2	22
23	HEAT TRACE	(5)	20 A	1	1#12, 1#12N, 1#12G		1.3 kVA		0.0 kVA	--	--	--	--	SPACE	24
25	HVAC - #2	(3)	25 A	2	2#10, 1#10G	0.0 kVA		0.0 kVA		--	--	--	--	SPACE	26
27	--	--	--	--	--		0.0 kVA		0.0 kVA	--	--	--	--	SPACE	28
29	SPACE	--	--	--	--	0.0 kVA		0.0 kVA		--	--	--	--	SPACE	30
					Total Load:	15303 VA		15369 VA							
					Total Amps:	147 A		148 A							

Notes: (1) AFCI TYPE BREAKER (2) DUAL FUNCTION AFCI/GFCI TYPE BREAKER. (3) FEED TO OUTDOOR UNIT - INDOOR UNITS ARE FED WITH INDEPENDENT FEEDS FROM OUTDOOR UNIT.
(4) PROVIDE BREAKER LOCK OUT DEVICE. (5) GFPE BREAKER

Branch Panel: INV M1

Location: ELECTRICAL UTILITY ROOM 002 | **Volts:** 120/208 Single | **A.I.C. Rating:** 10K
Supply From: H1 | **Phases:** 1 | **BUS OCP Type:** MLO
Mounting: FREE STANDING | **Wires:** 3 | **BUS Rating:** 30 A
Enclosure: NEMA 1 | **Manufacturer:** | **MCB Rating:** NONE
Model:

Notes: EMERGENCY LIGHTING INVERTER W/ INTEGRAL BREAKERS - MEYERS EM SERIES

CKT	Circuit Description	Notes	Trip	Poles	Wire & Conduit Size	A	B	A	B	Wire & Conduit Size	Poles	Trip	Notes	Circuit Description	CKT
1	LTG: STAIR 1, BASEMENT		20 A	1	1#10, 1#10N, 1#10G IN 3/4"C	0.7 kVA		0.1 kVA		2#10, 1#10G IN 3/4"C	2	20 A	(1)	LTG: EXTERIOR	2
3	LTG: MILL 1 LVL 1 CORRIDOR		20 A	1	1#10, 1#10N, 1#10G IN 3/4"C		0.5 kVA		0.1 kVA	--	--	--	--	--	4
5	LTG: MILL 1 LVL 2 CORRIDOR		20 A	1	1#10, 1#10N, 1#10G IN 3/4"C	0.4 kVA		0.4 kVA		1#10, 1#10N, 1#10G IN 3/4"C	1	20 A		LTG: MILL 1 LVL 3 CORRIDOR	6
7	SPARE		20 A	1			0.0 kVA		0.0 kVA		1	20 A		SPARE	8
9	SPACE	--	--	--	--	0.0 kVA		0.0 kVA		--	--	--	--	SPACE	10
					Total Load:	1.7 kVA			0.0 kVA						
					Total Amps:	15 A			0 A						

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
Power - General	0 VA	0.00%	0 VA		
Lighting	2241 VA	100.00%	2241 VA	**Total Conn. Load:**	2241 VA
				Total Est. Demand:	2241 VA
				Total Conn. Current:	11 A
				Total Est. Demand Current:	11 A

Notes: 1. VIA TIMECLOCK.

Branch Panel: INV M2

Location: | **Volts:** 120/208 Single | **A.I.C. Rating:** 10K
Supply From: H2 | **Phases:** 1 | **BUS OCP Type:** MLO
Mounting: FREE STANDING | **Wires:** 3 | **BUS Rating:** 30 A
Enclosure: NEMA 1 | **Manufacturer:** | **MCB Rating:** NONE
Model:

Notes: EMERGENCY LIGHTING INVERTER W/ INTEGRAL BREAKERS - MEYERS EM SERIES

CKT	Circuit Description	Notes	Trip	Poles	Wire & Conduit Size	A	B	A	B	Wire & Conduit Size	Poles	Trip	Notes	Circuit Description	CKT
1	LTG: BLDG EXTERIOR EGRESS	(1)	20 A	2	2#10, 1#10G IN 3/4"C	0.3 kVA		0.3 kVA		1#10, 1#10N, 1#10G IN 3/4"C	1	20 A		LTG: MILL 2 STAIR 2	2
3	--	--	--	--	--		0.3 kVA		0.4 kVA	1#10, 1#10N, 1#10G IN 3/4"C	1	20 A		LTG: MILL 2 LVL 1 CORRIDOR	4
5	LTG: MILL 2 LVL 2 CORRIDOR		20 A	1	1#10, 1#10N, 1#10G IN 3/4"C	0.5 kVA		0.4 kVA		1#10, 1#10N, 1#10G IN 3/4"C	1	20 A		LTG: MILL 2 LVL 3 CORRIDOR	6
7	LTG: BOILER HOUSE		20 A	1	1#10, 1#10N, 1#10G IN 3/4"C		0.5 kVA		0.0 kVA		1	20 A		SPARE	8
9	SPACE	--	--	--	--	0.0 kVA		0.0 kVA		--	--	--	--	SPACE	10
					Total Load:	1.5 kVA			0.0 kVA						
					Total Amps:	14 A			0 A						

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
Power - General	0 VA	0.00%	0 VA		
Lighting	2722 VA	100.00%	2722 VA	**Total Conn. Load:**	2722 VA
				Total Est. Demand:	2722 VA
				Total Conn. Current:	13 A
				Total Est. Demand Current:	13 A

Notes: 1. VIA TIMECLOCK.

Branch Panel: INV M3

Location: | **Volts:** 120/208 Single | **A.I.C. Rating:** 10K
Supply From: H3 | **Phases:** 1 | **BUS OCP Type:** MLO
Mounting: FREE STANDING | **Wires:** 3 | **BUS Rating:** 30 A
Enclosure: NEMA 1 | **Manufacturer:** | **MCB Rating:** NONE
Model:

Notes: EMERGENCY LIGHTING INVERTER W/ INTEGRAL BREAKERS - MEYERS EM SERIES

CKT	Circuit Description	Notes	Trip	Poles	Wire & Conduit Size	A	B	A	B	Wire & Conduit Size	Poles	Trip	Notes	Circuit Description	CKT
1	LTG: BLDG EXTERIOR EGRESS	(1)	20 A	2	2#10, 1#10G IN 3/4"C	0.2 kVA		0.2 kVA		1#10, 1#10N, 1#10G IN 3/4"C	1	20 A		LTG: MILL 3 STAIR 3	2
3	--	--	--	--	--		0.2 kVA		0.5 kVA	1#10, 1#10N, 1#10G IN 3/4"C	1	20 A		LTG: MILL 3 LVL 1 CORRIDOR	4
5	LTG: MILL 3 LVL 2 CORRIDOR		20 A	1	1#10, 1#10N, 1#10G IN 3/4"C	0.5 kVA		0.5 kVA		1#10, 1#10N, 1#10G IN 3/4"C	1	20 A		LTG: MILL 3 LVL 3 CORRIDOR	6
7	LTG: MILL 3 STAIR 4		20 A	1	1#10, 1#10N, 1#10G IN 3/4"C		0.2 kVA		0.0 kVA		1	20 A		SPARE	8
9	SPACE	--	--	--	--	0.0 kVA		0.0 kVA		--	--	--	--	SPACE	10
					Total Load:	1.3 kVA			0.0 kVA						
					Total Amps:	12 A			0 A						

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
Lighting	2128 VA	100.00%	2128 VA		
				Total Conn. Load:	2128 VA
				Total Est. Demand:	2128 VA
				Total Conn. Current:	10 A
				Total Est. Demand Current:	10 A

Notes: 1. VIA TIMECLOCK.

Branch Panel: TEMP 1

Location: BUILDING 21 (SHELL FOR TYPE A2 O... | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10K
Supply From: MS-1 | **Phases:** 3 | **BUS OCP Type:** MLO
Mounting: SURFACE | **Wires:** 4 | **BUS Rating:** 200 A
Enclosure: NEMA 1 | **Manufacturer:** | **MCB Rating:** NONE
Model:

Notes: TEMPORARY PANEL FOR BUILDING 21 HEATING

CKT	Circuit Description	Notes	Trip	Poles	Wire & Conduit Size	A	B	C	A	B	C	Wire & Conduit Size	Poles	Trip	Notes	Circuit Description	CKT
1	EUH-1 TEMP HEAT		30 A	3	3#10, 1#10G IN 3/4"C	2.5 kVA			2.5 kVA			3#10, 1#10G IN 3/4"C	3	30 A		EUH-2 TEMP HEAT	2
3	--	--	--	--	--		2.5 kVA			2.5 kVA		--	--	--	--	--	4
5	--	--	--	--	--			2.5 kVA			2.5 kVA	--	--	--	--	--	6
7	EUH-3 TEMP HEAT		30 A	3	3#10, 1#10G IN 3/4"C	2.5 kVA			2.5 kVA			3#10, 1#10G IN 3/4"C	3	30 A		EUH-4 TEMP HEAT	8
9	--	--	--	--	--		2.5 kVA			2.5 kVA		--	--	--	--	--	10
11	--	--	--	--	--			2.5 kVA			2.5 kVA	--	--	--	--	--	12
13	EUH-5 TEMP HEAT		30 A	3	3#10, 1#10G IN 3/4"C	2.5 kVA			2.5 kVA			3#10, 1#10G IN 3/4"C	3	30 A		EUH-6 TEMP HEAT	14
15	--	--	--	--	--		2.5 kVA			2.5 kVA		--	--	--	--	--	16
17	--	--	--	--	--			2.5 kVA			2.5 kVA	--	--	--	--	--	18
19	LTG: CAFETERIA		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C	0.3 kVA			0.0 kVA			--	--	--	--	SPACE	20
21	EWH-12		30 A	2	2#10, 1#10G IN 3/4"C		2.4 kVA			0.0 kVA		--	--	--	--	SPACE	22
23	--	--	--	--	--			2.4 kVA			0.0 kVA	--	--	--	--	SPACE	24
25	SPACE	--	--	--	--	0.0 kVA			0.0 kVA			--	--	--	--	SPACE	26
27	SPACE	--	--	--	--		0.0 kVA			0.0 kVA		--	--	--	--	SPACE	28
29	SPACE	--	--	--	--			0.0 kVA			0.0 kVA	--	--	--	--	SPACE	30
31	SPACE	--	--	--	--	0.0 kVA			0.0 kVA			--	--	--	--	SPACE	32
33	SPACE	--	--	--	--		0.0 kVA			0.0 kVA		--	--	--	--	SPACE	34
35	SPACE	--	--	--	--			0.0 kVA			0.0 kVA	--	--	--	--	SPACE	36
37	SPACE	--	--	--	--	0.0 kVA			0.0 kVA			--	--	--	--	SPACE	38
39	SPACE	--	--	--	--		0.0 kVA			0.0 kVA		--	--	--	--	SPACE	40
41	SPACE	--	--	--	--			0.0 kVA			0.0 kVA	--	--	--	--	SPACE	42
					Total Load:	15.3 kVA		17.4 kVA			17.4 kVA						
					Total Amps:	127 A		148 A			148 A						

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
Heating	49800 VA	100.00%	49800 VA		
Power - General	0 VA	0.00%	0 VA	**Total Conn. Load:**	50072 VA
Lighting	272 VA	100.00%	272 VA	**Total Est. Demand:**	50072 VA
				Total Conn. Current:	139 A
				Total Est. Demand Current:	139 A

Notes:

Branch Panel: TEMP 2

Location: TBD (SHELL FOR TYPE A2 OR B) B-001 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10K
Supply From: MS-2 | **Phases:** 3 | **BUS OCP Type:** MLO
Mounting: SURFACE | **Wires:** 4 | **BUS Rating:** 400 A
Enclosure: NEMA 1 | **Manufacturer:** | **MCB Rating:** NONE
Model:

Notes: TEMPORARY HEAT PANEL AMENITY AREA

CKT	Circuit Description	Notes	Trip	Poles	Wire & Conduit Size	A	B	C	A	B	C	Wire & Conduit Size	Poles	Trip	Notes	Circuit Description	CKT
1	EUH-7		30 A	2	2#10, 1#10G IN 3/4"C	2.5 kVA			2.5 kVA			2#10, 1#10G IN 3/4"C	2	30 A		EUH-8	2
3	--	--	--	--	--		2.5 kVA			2.5 kVA		--	--	--	--	--	4
5	EUH-9		30 A	2	2#10, 1#10G IN 3/4"C			1.1 kVA			2.5 kVA	2#10, 1#10G IN 3/4"C	2	30 A		EUH-10	6
7	--	--	--	--	--	1.1 kVA			2.5 kVA			--	--	--	--	--	8
9	EUH-11		30 A	2	2#10, 1#10G IN 3/4"C		2.5 kVA			2.5 kVA		2#10, 1#10G IN 3/4"C	2	30 A		EUH-12	10
11	--	--	--	--	--			2.5 kVA			2.5 kVA	--	--	--	--	--	12
13	EUH-13		30 A	3	3#10, 1#10G IN 3/4"C	2.5 kVA			2.5 kVA			2#10, 1#10G IN 3/4"C	2	30 A		EUH-14	14
15	--	--	--	--	--		2.5 kVA			2.5 kVA		--	--	--	--	--	16
17	--	--	--	--	--			2.5 kVA			1.1 kVA	2#12, 1#12G IN 3/4"C	2	20 A		EUH-16	18
19	EUH-15		30 A	2	2#10, 1#10G IN 3/4"C	2.5 kVA			1.1 kVA			--	--	--	--	--	20
21	--	--	--	--	--		2.5 kVA			2.5 kVA		2#10, 1#10G IN 3/4"C	2	30 A		EUH-18	22
23	EUH-17		20 A	2	2#12, 1#12G IN 3/4"C			1.5 kVA			2.5 kVA	--	--	--	--	--	24
25	--	--	--	--	--	1.5 kVA			2.5 kVA			2#10, 1#10G IN 3/4"C	2	30 A		EUH-20	26
27	EUH-19		30 A	3	3#10, 1#10G IN 3/4"C		2.5 kVA			2.5 kVA		--	--	--	--	--	28
29	--	--	--	--	--			2.5 kVA			1.1 kVA	2#12, 1#12G IN 3/4"C	2	20 A		EUH-22	30
31	--	--	--	--	--	2.5 kVA			1.1 kVA			--	--	--	--	--	32
33	EUH-21		30 A	2	2#10, 1#10G IN 3/4"C		2.5 kVA			2.5 kVA		2#10, 1#10G IN 3/4"C	2	30 A		EUH-24	34
35	--	--	--	--	--			2.5 kVA			2.5 kVA	--	--	--	--	--	36
37	EUH-23		20 A	2	2#12, 1#12G IN 3/4"C	1.1 kVA			2.5 kVA			2#10, 1#10G IN 3/4"C	2	30 A		EUH-26	38
39	--	--	--	--	--		1.1 kVA			2.5 kVA		--	--	--	--	--	40
41	EUH-25		30 A	3	3#10, 1#10G IN 3/4"C			2.5 kVA			0.0 kVA	--	--	--	--	SPACE	42
43	--	--	--	--	--	2.5 kVA			0.0 kVA			--	--	--	--	SPACE	44
45	--	--	--	--	--		2.5 kVA			0.0 kVA		--	--	--	--	SPACE	46
47	EUH-27		30 A	2	2#10, 1#10G IN 3/4"C			2.5 kVA			0.0 kVA	--	--	--	--	SPACE	48
49	--	--	--	--	--	2.5 kVA			0.0 kVA			--	--	--	--	SPACE	50
51	LTG: BOILER LVL 1		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C		0.6 kVA			0.0 kVA		--	--	--	--	SPACE	52
53	LTG: BOILER LVL 2		20 A	1	1#12, 1#12N, 1#12G IN 3/4"C			0.1 kVA			0.0 kVA	--	--	--	--	SPACE	54
55	SPACE	--	--	--	--	0.0 kVA			0.0 kVA			--	--	--	--	SPACE	56
57	SPACE	--	--	--	--		0.0 kVA			0.0 kVA		--	--	--	--	SPACE	58
59	SPACE	--	--	--	--			0.0 kVA			0.0 kVA	--	--	--	--	SPACE	60
					Total Load:	33.4 kVA		36.7 kVA			29.9 kVA						
					Total Amps:	283 A		311 A			250 A						

Load Classification	Connected Load	Demand Factor	Demand	Panel Totals	
Heating	99300 VA	100.00%	99300 VA		
Power - General	0 VA	0.00%	0 VA	**Total Conn. Load:**	100092 VA
Lighting	792 VA	100.00%	792 VA	**Total Est. Demand:**	100092 VA
				Total Conn. Current:	278 A
				Total Est. Demand Current:	278 A

Notes:

SCHEDULE LIST:
- PANEL TEMP 1
- PANEL TEMP 2
- PANEL LC3
- INVERTER M1
- INVERTER M2
- INVERTER M3

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com

© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
ELECTRICAL SCHEDULES

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	**DRAWN BY**	**CHECKED BY**
200033.00	JAF	GBF

E7.02

10/16/2020 4:46:22 PM C:\Users\gfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfunk8JZRU.rvt

Meter Stack #1-1 Feeders Schedule

Circuit	Apartment Designations	Apt. Load Amps	Apt. Feeder Brkr. Pole	Apt. Feeder Brkr. Amps	Conductor size No.	Conductor size Size	Raceway Notes Cable	Raceway Notes Conduit	
1	1101	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
2	1103	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
3	1104	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
4	1105	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
5	1106	109	2	125	3/1	3/0 / 2	MC	2"	(1)
6	1107	109	2	125	3/1	4/0 / 2	MC	2"	(1)
7	1108	109	2	125	3/1	250 / 1	MC	2"	(1)
8	1109	109	2	125	3/1	4/0 / 2	MC	2"	(1)
9	1110	109	2	125	3/1	300 /1/0	MC	2-1/2"	(1)
10	1111	109	2	125	3/1	300 /1/0	MC	2-1/2"	(1)
11	1201	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
12	1203	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
13	1204	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
14	1205	109	2	125	3/1	3/0 / 2	MC	2"	(1)
15	1206	109	2	125	3/1	3/0 / 2	MC	2"	(1)
16	1207	109	2	125	3/1	4/0 / 2	MC	2"	(1)
17	1208	109	2	125	3/1	300 /1/0	MC	2-1/2"	(1)
18	1209	109	2	125	3/1	4/0 / 2	MC	2"	(1)
19	1210	109	2	125	3/1	300 /1/0	MC	2-1/2"	(1)
20	1211	109	2	125	3/1	300 /1/0	MC	2-1/2"	(1)
21	1301	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
22	1303	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
23	1304	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
24	1305	109	2	125	3/1	3/0 / 2	MC	2"	(1)
25	1306	109	2	125	3/1	4/0 / 2	MC	2"	(1)
26	1307	109	2	125	3/1	4/0 / 2	MC	2"	(1)
27	1308	109	2	125	3/1	300 /1/0	MC	2-1/2"	(1)
28	1309	109	2	125	3/1	4/0 / 2	MC	2"	(1)
29	1310	109	2	125	3/1	300 /1/0	MC	2-1/2"	(1)
30	1311	109	2	125	3/1	300 /1/0	MC	2-1/2"	(1)
31	1102	133	2	150	3/1	3/0 / 4	MC	2"	(1)
32	1202	133	2	150	3/1	3/0 / 4	MC	2"	(1)
33	1302	133	2	150	3/1	3/0 / 4	MC	2"	(1)
34	PANEL TEMP 1		3	200	--	--	--	--	--

NOTE:
1. FEEDER CONDUCTOR SIZES INDICATED ARE BASED ON THE INSTALLATION OF ALUMINUM CONDUCTORS WITH THWN INSULATION.

Meter Stack #2-1 Feeders Schedule

Circuit	Apartment Designations	Apt. Load Amps	Apt. Feeder Brkr. Pole	Apt. Feeder Brkr. Amps	Conductor size No.	Conductor size Size	Raceway Notes Cable	Raceway Notes Conduit	
1	2101	109	2	125	3/1	4/0 / 2	MC	2"	(1)
2	2102	109	2	125	3/1	4/0 / 2	MC	2"	(1)
3	2103	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
4	2104	109	2	125	3/1	3/0 / 2	MC	2"	(1)
5	2105	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
6	2106	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
7	2107	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
8	2108	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
9	2109	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
10	2110	110	2	125	3/1	3/0 / 2	MC	2"	(1)
11	2111	109	2	125	3/1	3/0 / 2	MC	2"	(1)
12	2201	109	2	125	3/1	4/0 / 2	MC	2"	(1)
13	2202	109	2	125	3/1	4/0 / 2	MC	2"	(1)
14	2203	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
15	2204	109	2	125	3/1	3/0 / 2	MC	2"	(1)
16	2205	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
17	2206	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
18	2207	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
19	2208	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
20	2209	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
21	2210	110	2	125	3/1	3/0 / 2	MC	2"	(1)
22	2211	109	2	125	3/1	3/0 / 2	MC	2"	(1)
23	2301	109	2	125	3/1	4/0 / 2	MC	2"	(1)
24	2302	109	2	125	3/1	4/0 / 2	MC	2"	(1)
25	2303	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
26	2304	109	2	125	3/1	3/0 / 2	MC	2"	(1)
27	2305	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
28	2306	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
29	2307	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
30	2308	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
31	2309	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
32	2310	110	2	125	3/1	3/0 / 2	MC	2"	(1)
33	2311	109	2	125	3/1	3/0 / 2	MC	2"	(1)
34	HOUSE PNL H2		3	400	--	--	--	--	--
35	AMENITY TEMP 2		3	400	--	--	--	--	--

NOTE:
1. FEEDER CONDUCTOR SIZES INDICATED ARE BASED ON THE INSTALLATION OF ALUMINUM CONDUCTORS WITH THWN INSULATION.

Meter Stack #3-1 Feeders Schedule

Circuit	Apartment Designations	Apt. Load Amps	Apt. Feeder Brkr. Pole	Apt. Feeder Brkr. Amps	Conductor size No.	Conductor size Size	Raceway Notes Cable	Raceway Notes Conduit	
1	3101	109	2	125	3/1	3/0 / 2	MC	2"	(1)
2	3102	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
3	3103	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
4	3104	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
5	3105	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
6	3106	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
7	3107	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
8	3108	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
9	3109	109	2	125	3/1	4/0 / 2	MC	2"	(1)
10	3110	109	2	125	3/1	4/0 / 2	MC	2"	(1)
11	3111	109	2	125	3/1	4/0 / 2	MC	2"	(1)
12	3112	109	2	125	3/1	300 /1/0	MC	2-1/2"	(1)
13	3201	109	2	125	3/1	3/0 / 2	MC	2"	(1)
14	3202	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
15	3203	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
16	3204	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
17	3205	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
18	3206	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
19	3207	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
20	3208	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
21	3209	109	2	125	3/1	4/0 / 2	MC	2"	(1)
22	3210	109	2	125	3/1	4/0 / 2	MC	2"	(1)
23	3211	109	2	125	3/1	4/0 / 2	MC	2"	(1)
24	3212	109	2	125	3/1	300 /1/0	MC	2-1/2"	(1)
25	3301	109	2	125	3/1	3/0 / 2	MC	2"	(1)
26	3302	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
27	3303	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
28	3304	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
29	3305	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
30	3306	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
31	3307	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
32	3308	109	2	125	3/1	2/0 / 4	MC	1-1/2"	(1)
33	3309	109	2	125	3/1	4/0 / 2	MC	2"	(1)
34	3310	109	2	125	3/1	4/0 / 2	MC	2"	(1)
35	3311	109	2	125	3/1	4/0 / 2	MC	2"	(1)
36	3312	109	2	125	3/1	300 /1/0	MC	2-1/2"	(1)
37	3113	133	2	150	3/1	300 / 1	MC	2-1/2"	(1)
38	3213	133	2	150	3/1	300 / 1	MC	2-1/2"	(1)
39	3313	133	2	150	3/1	300 / 1	MC	2-1/2"	(1)
40	HOUSE		3	400	--	--	--	--	--

NOTE:
1. FEEDER CONDUCTOR SIZES INDICATED ARE BASED ON THE INSTALLATION OF ALUMINUM CONDUCTORS WITH THWN INSULATION.

METER STACK #MS-1 (MILL 1)
Feeder #: #1 MAIN
Number of Dwelling Units on Feeder: 33

Total Connected General Lighting/Receptacle Load (VA):	(K)	86004.00
Total Connected Small Appliance Load (VA):	(H)	99000.00
Total Connected Laundry Load (VA):	(I)	49500.00
Total Connected Dryer Load (VA):	(J)	165000.00
Total Connected HVAC Load (VA):	(N)	181459.20
Total Connected Water Heater Load (VA):	(P)	148500.00
Total Connected Cooking Load (VA):	(L)	290400.00
Total Connected Other Kitchen Appliance load (VA):	(Q)	118800.00
Total Connected Electric Heat load (VA):	(O)	0.00
Total Connected Feeder Load (VA):		1138663.20
Demand Factor Per N.E.C. Table 220-32:		0.31

Total Feeder Demand Load (VA): 352985.59

Amperage at 208 V., 3 Ph.: 979.82 AMPS

Bldg 21 Temp Heat Panel 126 AMPS

MAIN SERVICE 1105.82 AMPS

METER STACK #MS-2 (MILL 2)
Feeder #: #2 MAIN
Number of Dwelling Units on Feeder: 33

Total Connected General Lighting/Receptacle Load (VA):	(K)	83079.00
Total Connected Small Appliance Load (VA):	(H)	99000.00
Total Connected Laundry Load (VA):	(I)	49500.00
Total Connected Dryer Load (VA):	(J)	165000.00
Total Connected HVAC Load (VA):	(N)	167481.60
Total Connected Water Heater Load (VA):	(P)	148500.00
Total Connected Cooking Load (VA):	(L)	290400.00
Total Connected Other Kitchen Appliance load (VA):	(Q)	118800.00
Total Connected Electric Heat load (VA):	(O)	0.00
Total Connected Feeder Load (VA):		1121760.60
Demand Factor Per N.E.C. Table 220-32:		0.31

Total Feeder Demand Load (VA): 347745.79

Amperage at 208 V., 3 Ph.: 965.27

House Load Panel H2 284 AMPS

Amenity Temp 2 Heat Panel 278 AMPS

MAIN SERVICE 1527.27 AMPS

METER STACK #MS-3 (MILL 3)
Feeder #: #3 MAIN
Number of Dwelling Units on Feeder: 39

Total Connected General Lighting/Receptacle Load (VA):	(K)	97128.00
Total Connected Small Appliance Load (VA):	(H)	117000.00
Total Connected Laundry Load (VA):	(I)	58500.00
Total Connected Dryer Load (VA):	(J)	195000.00
Total Connected HVAC Load (VA):	(N)	211910.40
Total Connected Water Heater Load (VA):	(P)	175500.00
Total Connected Cooking Load (VA):	(L)	343200.00
Total Connected Other Kitchen Appliance load (VA):	(Q)	140400.00
Total Connected Electric Heat load (VA):	(O)	0.00
Total Connected Feeder Load (VA):		1338638.40
Demand Factor Per N.E.C. Table 220-32:		0.28

Total Feeder Demand Load (VA): 374818.75

Amperage at 208 V., 3 Ph.: 1040.42 AMPS

HOUSE LOAD 301 AMPS

MAIN SERVICE 1341 AMPS

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
ELECTRICAL SCHEDULES

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

E7.03

10/16/2020 4:45:23 PM C:\Users\gfurst\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfurst8JZRU.rvt

LIGHT FIXTURE SCHEDULE MILLS 1, 2, 3

TYPE	DESCRIPTION	VOLTS	LAMP TYPE	WATTS	LUMENS	COLOR TEMP. (K)	CRI	MOUNTING	MANUFACTURER	MODEL	COMMENTS
A	INDUSTRIAL RLM PENDANT FIXTURE	120 V	LED	15 VA	1600 lm	3000 K	90+	PENDANT (NOTE 3)	HI-LITE MFG. CO. INC.	DEEP BOWL COLLECTION H-16114	14"DIA X 13.75"H DEEP METAL BOWL WITH WIRE GUARD, GALVANIZED FINISH ON BOWL AND GUARD, CORD HUNG (BLACK), PROVIDE A MEDIUM BASE 100W A19 LED EQUIVALENT LAMP (NOTES 2 & 11)
B	INDUSTRIAL WALL MOUNT	120 V	LED	10 VA	815 lm	3000 K	90+	WALL/SURFACE (8' AFF)	HI-LITE MFG. CO. INC.	SAUCER VAPOR JAR H-CGU-1B	90 DEGREE ARM MOUNTED VAPOR JAR FIXTURE, MOUNT WITH JAR FACING DOWN, CLEAR GLASS GLOBE, CAST GLOBE GUARD, GALVANIZED FINISH, PROVIDE A MEDIUM BASE 60W A19 LED EQUIVALENT LAMP (NOTES 2 & 11)
C	INDUSTRIAL WALL MOUNT	120 V	LED	15 VA	1600 lm	3000 K	90+	WALL/SURFACE (NOTE 9)	HI-LITE MFG. CO. INC.	ANGLE SHADE H-18110_96_1/2"_B-1_96	SPUN ALUMINUM ANGLE SHADE, 10" DIA., GALVANIZED FINISH, 15"L X 8.25"H GOOSENECK MOUNTING ARM & WALL MOUNTING BRACKET, PROVIDE A MEDIUM BASE 100W A19 LED EQUIVALENT LAMP (NOTES 2 & 11)
D	VAPORTIGHT LED FIXTURE	120 V	LED	33 VA	3558 lm	4000 K	80	WALL (NOTE 8)	LITHONIA LIGHTING	XVML L48 3500LM MVOLT 40K 80CRI	4FT LINEAR LED VAPORTIGHT FIXTURE, WET LOCATION, POLYCARBONATE HOUSING AND LATCHES, FROSTED POLYCARBONATE LENS, FULLY GASKETED
E	LINEAR LED FIXTURE	120 V	LED	36 VA	4298 lm	4000 K	80+	PENDANT (8' AFF) OR SURFACE	LITHONIA LIGHTING	CSS L48 4000LM MVOLT 40K 80CRI	4FT LINEAR LED FIXTURE, DAMP LOCATION, STEEL HOUSING, DIFFUSE ACRYLIC LENS, WHITE FINISH
EM	EMERGENCY LIGHTING BATTERY UNIT	120 V	LED	1 VA	0 lm	0 K		WALL/SURFACE	LITHONIA LIGHTING	ELM2L	(CAFETERIA BLDG) EMERGENCY LIGHTING BATTERY UNIT WITH TWO 1.2W LED LAMP HEADS, RATED FOR 35FT SPACING FOR MULTIPLE UNITS
ER	EMERGENCY LIGHTING REMOTE HEADS	120 V	LED	0 VA	0 lm	0 K		WALL/SURFACE	LITHONIA LIGHTING	ELA T QWP L0309	(CAFETERIA BLDG) EMERGENCY LIGHTING REMOTE LAMP HEADS WITH TWO 1.5W LED LAMP HEADS, WEATHERPROOF, CAST ALUMINUM HOUSING
F	CEILING MOUNT SURFACE LIGHT	120 V	LED	15 VA	900 lm	3000 K	90	CEILING/SURFACE	GM LIGHTING	GEOTASK GM-RND5-30-WH	8" DIAMETER THIN SURFACE MOUNT, EDGE-LIT, WET LOCATION RATED, WHITE FINISH, DIMMABLE
F2	CEILING MOUNT SURFACE LIGHT	120 V	LED	10 VA	600 lm	3000 K	90	CEILING/SURFACE	GM LIGHTING	GEOTASK GM-RND5-30-WH	5" DIAMETER THIN SURFACE MOUNT, EDGE-LIT, WET LOCATION RATED, WHITE FINISH, DIMMABLE
G	INDUSTRIAL CEILING LIGHT	120 V	LED	15 VA	1600 lm	3000 K	90+	CEILING/SURFACE	HI-LITE MFG. CO. INC.	H-CGU-FB-96-CLR/GD-1-96	SURFACE MOUNTED VAPOR JAR FIXTURE, CLEAR GLASS GLOBE, CAST GLOBE GUARD, GALVANIZED FINISH, PROVIDE A MEDIUM BASE 100W A19 LED EQUIVALENT LAMP (NOTE 2)
S1	POLE MOUNTED AREA LIGHT	208 V	LED	96 VA	11817 lm	4000 K	70	20' POLE	LITHONIA LIGHTING	KAX1 LED P2 40K R4 MVOLT SPA DBLXD; POLE SSA 20 4G DM19AS DBLXD	LED AREA LIGHT, DIE-CAST ALUMINUM HOUSING AND ARM, FORMED ACRYLIC LENS, LIGHT DISTRIBUTION TYPE 4, FULL CUT-OFF, WET LOCATION, BLACK FINISH; POLE-20FT SQUARE STRAIGHT ALUMINUM, BLACK FINISH
S2	POLE MOUNTED AREA LIGHT	208 V	LED	96 VA	12511 lm	4000 K	70	20' POLE	LITHONIA LIGHTING	KAX1 LED P2 40K R5 MVOLT SPA DBLXD; POLE SSA 20 4G DM19AS DBLXD	LED AREA LIGHT, DIE-CAST ALUMINUM HOUSING AND ARM, FORMED ACRYLIC LENS, LIGHT DISTRIBUTION TYPE 5, FULL CUT-OFF, WET LOCATION, BLACK FINISH; POLE-20FT SQUARE STRAIGHT ALUMINUM, BLACK FINISH
S3	POLE MOUNTED AREA LIGHT	208 V	LED	96 VA	8213 lm	4000 K	70	20' POLE	LITHONIA LIGHTING	KAX1 LED P2 40K R3 MVOLT SPA DBLXD; POLE SSA 20 4G DM19AS DBLXD	LED AREA LIGHT, DIE-CAST ALUMINUM HOUSING AND ARM, FORMED ACRYLIC LENS, LIGHT DISTRIBUTION TYPE 3, FULL CUT-OFF, WET LOCATION, BLACK FINISH; POLE-20FT SQUARE STRAIGHT ALUMINUM, BLACK FINISH
S3B	POLE MOUNTED AREA LIGHT	208 V	LED	96 VA	8213 lm	4000 K	70	20' POLE	LITHONIA LIGHTING	KAX1 LED P2 40K R3 MVOLT SPA HS DBLXD; POLE SSA 20 4G DM19AS DBLXD	LED AREA LIGHT, DIE-CAST ALUMINUM HOUSING AND ARM, FORMED ACRYLIC LENS, LIGHT DISTRIBUTION TYPE 3, HOUSE SIDE SHIELD, WET LOCATION, BLACK FINISH; POLE-20FT SQUARE STRAIGHT ALUMINUM, BLACK FINISH
S4	POST TOP MOUNTED ACORN LIGHT	208 V	LED	74 VA	8684 lm	4000 K	70	12' POLE	STERNBERG LIGHTING	HOMETOWN G74LED-5P-4L40T5-MDL05-G-HS S; POLE 6212T5-.125-BKT	POST TOP LED ACORN FIXTURE, GASKETED GLASS LENS, TYPE 5 LIGHT DISTRIBUTION WITH HOUSE SIDE SHIELD, CAST ALUMINUM FITTER, BLACK FINISH; POLE=12FT, TAPERED SMOOTH SHAFT, CAST ALUMINUM WITH ORNAMENTAL BASE, BLACK FINISH
U1	TRACK LIGHTS WITH 8FT TRACK	120 V	LED	36 VA	440 lm	3000 K	90	PENDANT (NOTE 6)	JUNO LIGHTING	TRACK HEAD: CAST CUBE R714-SC; TRACK: T 8FT SL	8FT TRACK WITH 6 LAMP HEADS, YOKE MOUNTED CAST ALUMINUM CUBE WITH AIMING LOCKS, LINE VOLTAGE, SATIN CHROME FINISH, PROVIDE A GU10 BASE 50W FLOOD MR16 LED EQUIVALENT LAMP (NOTE 2); ONE-CIRCUIT TRACK, PENDANT/STEM MOUNTED, SILVER FINISH, PROVIDE ALL CONNECTORS AND MOUNTING ACCESSORIES REQUIRED FOR A COMPLETE SYSTEM
U2	LED BATHROOM VANITY FIXTURE	120 V	LED	20 VA	1630 lm	3000 K	90+	WALL/SURFACE (NOTE 7)	HI-LITE MFG. CO. INC.	BOAT DOCK VAPOR JAR H-CGU-2B	WALL MOUNTED VAPOR JAR FIXTURE WITH TWO ARM MOUNTED LIGHTS AT 180 DEGREES, CLEAR GLASS GLOBE, CAST GLOBE GUARD, GALVANIZED FINISH, PROVIDE 2 MEDIUM BASE 60W A19 LED EQUIVALENT LAMPS (NOTE 2)
U3	CEILING MOUNT SURFACE LIGHT	120 V	LED	10 VA	600 lm	3000 K	90	CEILING/SURFACE	GM LIGHTING	GEOTASK GM-RND5-30-WH	5" DIAMETER THIN SURFACE MOUNT, EDGE-LIT, WET LOCATION RATED, WHITE FINISH, DIMMABLE, NEC 410.16 CLOSET RATED
U4	TRACK LIGHTS WITH 4FT TRACK	120 V	LED	18 VA	440 lm	3000 K	90	PENDANT (NOTE 6)	JUNO LIGHTING	TRACK HEAD: CAST CUBE R714-SC; TRACK: T 4FT SL	4FT TRACK WITH 3 LAMP HEADS, YOKE MOUNTED CAST ALUMINUM CUBE WITH AIMING LOCKS, LINE VOLTAGE, SATIN CHROME FINISH, PROVIDE A GU10 BASE 50W FLOOD MR16 LED EQUIVALENT LAMP (NOTES 2 & 11); ONE-CIRCUIT TRACK, PENDANT/STEM MOUNTED, SILVER FINISH, PROVIDE ALL CONNECTORS AND MOUNTING ACCESSORIES REQUIRED FOR A COMPLETE SYSTEM
U5	INDUSTRIAL WALL MOUNT	120 V	LED	10 VA	815 lm	3000 K	90+	WALL/SURFACE (NOTE 7)	HI-LITE MFG. CO. INC.	SAUCER VAPOR JAR H-CGU-1B	90 DEGREE ARM MOUNTED VAPOR JAR FIXTURE, MOUNT WITH JAR FACING UP, CLEAR GLASS GLOBE, CAST GLOBE GUARD, GALVANIZED FINISH, PROVIDE A MEDIUM BASE 60W A19 LED EQUIVALENT LAMP (NOTES 2 & 11)
W	WALL CYLINDER UP/DOWN LIGHT	120 V	LED	29 VA	1262 lm	3000 K	90	WALL/SURFACE (NOTE 4)	PROGRESS LIGHTING	P5642-31/30K; P8798 (LENS COVER)	6"DIA X 18" H CYLIDER, 1262 LUMENS DOWN / 1300 LUMENS UP, DIE-CAST AND EXTRUDED ALUMINUM CONSTRUCTION, WET LOCATION WITH LENS COVER
W2	GOOSENECK MOUNTED EXTERIOR WALL LIGHT	208 V	LED	60 VA	7802 lm	4000 K	70	WALL (NOTE 5)	SOLERA LIGHTING	APL22-60W-LED 30K 120-277V GN CG TY3 BL	22"DIA X 15" H, ONE-PIECE ALUMINUM HOUSING, FLAT GLASS LENS, GOOSENECK MOUNTING ARM, FULL CUT-OFF, LIGHT DISTRIBUTION TYPE 4, BLACK FINISH
W3	LINEAR LED CANOPY FIXTURE	208 V	LED	25 VA	2994 lm	4000 K	80+	CEILING/SURFACE	LUMINAIRE LED	VISION VPF4 4FT NODIM 25W 40K MVOLT WL	4'L X 4.35"W X 2.7"D VANDAL RESISTANT FIXTURE, ALUMINUM HOUSING, POLYCARBONATE LENS, WET LOCATION, FINISH COLOR TO BE SELECTED BY ARCHITECT & OWNER
X	LED EXIT SIGN	120 V	LED	1 VA	0 lm	0 K		WALL OR CEILING	LITHONIA LIGHTING	QUANTUM LQM S W 3 R 120/277 M6	LED EXIT SIGN, AC ONLY, POLYCARBONATE CONSTRUCTION, RED LETTERS, WHITE FINISH, DAMP LOCATION, UNIVERSAL MOUNTING AND ARROWS
X2	LED EXIT SIGN COMBO UNIT WITH 2 HEADS	120 V	LED	4 VA	0 lm	0 K		WALL	LITHONIA LIGHTING	QUANTUM LHQM LED R HO M6	(CAFETERIA BLDG) COMBINATION EXIT SIGN AND EMERGENCY LIGHTING UNIT WITH 2 LAMP HEADS AND REMOTE CAPACITY, POLYCARBONATE CONSTRUCTION, RED LETTERS, WHITE FINISH, DAMP LOCATION, UNIVERSAL MOUNTING AND ARROWS

LIGHTING FIXTURE SCHEDULE NOTES:

1. SUBSTITUTE MANUFACTURER'S FOR THE HI-LITE MANUFACTURING FIXTURES ARE BASELITE CORP, SPECTRUM LIGHTING AND BARN LIGHT ELECTRIC.
2. LED EQIUVALENT LAMPS: A19 100W = CREE A19-100W-P1-30K-E26; A19 60W = CREE A19-60W-P1-30K-E26; MR16 50W = CREE MR16-50W-P1-30K-35FL-GU10.
3. TYPE A LIGHT FIXTURES SHALL BE MOUNTED 8'-6" AFF OF FLOOR, STAIR LANDING OR STAIR TREAD WHERE THEY ARE LOCATED. PROVIDE CORD LENGTH AS REQUIRED.
4. TYPE W LIGHT FIXTURES SHALL BE WALL MOUNTED BETWEEN THE 1ST AND 2ND FLOOR WINDOWS. COORDINATE EXACT MOUNTING HEIGHT IN THE FIELD WITH ARCHTECT AND OWNER.
5. TYPE W3 LIGHT FIXTURES SHALL BE WALL MOUNTED ABOVE DOORS INDICATED. COORDINATE EXACT MOUNTING HEIGHT IN THE FIELD WITH ARCHTECT AND OWNER.
6. MOUNT PENDANT MOUNTED TRACK 8'-0"AFF. PROVIDE MOUNTING STEM LENGTHS AS REQUIRED. VERIFY EXACT MOUNTING HEIGHT IN THE FIELD WITH ARCHTECT AND OWNER.
7. COORDINATE EXACT MOUNTING HEIGHTS OF WALL MOUNTED LIGHTS IN THE UNITS WITH ARCHTECT AND OWNER.
8. COORDINATE EXACT MOUNTING HEIGHTS OF WALL MOUNTED LIGHTS IN THE ELEVATOR PIT AND AT THE TOP OF THE SHAFT TO PROVIDE OPTIMAL LIGHT FOR MIANTENANCE AND INSPECTION.
9. TYPE C LIGHT FIXTURES SHALL BE WALL MOUNTED ABOVE ELEVATOR DOORS INDICATED. COORDINATE EXACT MOUNTING HEIGHT IN THE FIELD WITH ARCHTECT AND OWNER.
10. TYPE W4 LIGHT FIXTURES SHALL BE WALL MOUNTED APPOXIMATELY AT THE MID POINT OF THE FLOOR WINDOWS. COORDINATE EXACT MOUNTING HEIGHT IN THE FIELD WITH ARCHTECT AND OWNER.
11. FIXTURE SHALL BE FACTORY LABELED TO NOT EXCEED THE SPECIFIED LED LAMP WATTAGE RATING. COORDINATE WITH LIGHTING FIXTURE MANUFACTURERS.

CONTACTOR SCHEDULE - C1 **(UTILITY ROOM 1.0.02)**

POLES	CIRCUIT	30A CONTACTS		REMARKS
		NO	NC	TIMECLOCK ON. TIMECLOCK OFF
1,2	27,29(H1)	1		SITE LIGHTING
3,4	26, 28(H1)	1		SITE LIGHTING
5,6	31,33(H1)	1		SITE LIGHTING
7,8	22,24(H1)	1		SITE LIGHTING
9	37(H1)	1		SIGN POWER/LIGHTING
10,11	41,43(H1)	1		CAFETERIA EXTERIOR

CONTACTOR SCHEDULE - C2 **(STORAGE 2.3.S)**

POLES	CIRCUIT	30A CONTACTS		REMARKS
		NO	NC	TIMECLOCK ON. TIMECLOCK OFF
1	25(H2)	1		BUILDING EXTERIOR UP/DN LIGHTS
2	31(H2)	1		SIGN POWER/LIGHTING
3				
4				

E - MECHANICAL EQUIPMENT CONNECTION SCHEDULE - ADD ALTERNATE

DESIGNATION	LOCATION	VOLTS	PH	LOAD	MCA	MOCP	SS POLES	SS RATED AMPS	SS TYPE / FUSE A	STARTER	PANEL	CIRCUIT #	COMMENTS
DBP-1	WATER ROOM	208 V	3	14.6 kVA	41 A	50 A	3	--	--	BY DIV 23	H1	82,84,86	SINGLE POINT CONNECTION AT TRIPLEX CONTROLLER

E - MECHANICAL EQUIPMENT CONNECTION SCHEDULE

DESIGNATION	LOCATION	VOLTS	PH	LOAD	MCA	MOCP	SS POLES	SS RATED AMPS	SS TYPE / FUSE A	STARTER	PANEL	CIRCUIT #	COMMENTS
AHU-1	WATER ROOM	208 V	1	10.2 kVA	49 A	50 A	2	60A	50A	--	H1	65,67	
CP-1	BSMT MILL 1	120 V	1	0.1 kVA	0 A	0 A	1	20A	MMS	--	H1	42	--
DOAS-M1	ROOF MILL 1	208 V	3	20.2 kVA	52 A	60 A	3	100A	80A	--	H1	92,94,96	NEMA 3R FSS
DOAS-M2	ROOF MILL 2	208 V	3	32.9 kVA	49 A	50 A	3	200A	110A	--	H2	80,82,84	NEMA 3R FSS
DOAS-M3	ROOF MILL 3	208 V	3	32.9 kVA	73 A	80 A	3	200A	110A	--	H3	56,58,60	NEMA 3R FSS
DWH-3	BSMT MILL 1	208 V	1	2.5 kVA	15 A	20 A	2	30A	NF	--	H1	38,40	--
DWH-4	2ND FL MILL 1	208 V	1	3.0 kVA	24 A	30 A	2	30A	NF	--	H1	34,36	--
DWH-5	2ND FL MILL 2	208 V	1	3.0 kVA	24 A	30 A	2	30A	NF	--	H3	37,39	--
ERV-1	WATER ROOM	208 V	3	1.7 kVA	8 A	15 A	3	--	--	BY DIV 23	H1	69,71,73	INTEGRAL DISCONNECT / STARTER
EUH-1	BUILDING 21	208 V	3	7.5 kVA	26 A	30 A	3	30A	NF	--	TEMP 1	1,3,5	--
EUH-2	BUILDING 21	208 V	3	7.5 kVA	26 A	30 A	3	30A	NF	--	TEMP 1	2,4,6	--
EUH-3	BUILDING 21	208 V	3	7.5 kVA	26 A	30 A	3	30A	NF	--	TEMP 1	7,9,11	--
EUH-4	BUILDING 21	208 V	3	7.5 kVA	26 A	30 A	3	30A	NF	--	TEMP 1	8,10,12	--
EUH-5	BUILDING 21	208 V	3	7.5 kVA	26 A	30 A	3	30A	NF	--	TEMP 1	13,15,17	--
EUH-6	BUILDING 21	208 V	3	7.5 kVA	26 A	30 A	3	30A	NF	--	TEMP 1	14,16,18	--
EUH-7	BOILER RM 1ST	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	1,3	--
EUH-8	BOILER RM 1ST	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	2,4	--
EUH-9	BOILER RM 1ST	208 V	1	2.2 kVA	13 A	20 A	2	30A	NF	--	TEMP 2	5,7	--
EUH-10	BOILER RM 1ST	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	6,8	--
EUH-11	BOILER RM 1ST	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	9,11	--
EUH-12	BOILER RM 1ST	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	10,12	--
EUH-13	BOILER RM 1ST	208 V	3	7.5 kVA	26 A	30 A	3	30A	NF	--	TEMP 2	13,15,17	--
EUH-14	BOILER RM 1ST	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	14,16	--
EUH-15	BOILER RM 1ST	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	19,21	--
EUH-16	BOILER RM 1ST	208 V	1	2.2 kVA	13 A	20 A	2	30A	NF	--	TEMP 2	18,20	--
EUH-17	BOILER RM 1ST	208 V	1	3.0 kVA	18 A	20 A	2	30A	NF	--	TEMP 2	23,25	--
EUH-18	BOILER RM 1ST	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	22,24	--
EUH-19	BOILER RM 1ST	208 V	3	7.5 kVA	26 A	30 A	3	30A	NF	--	TEMP 2	27,29,31	--
EUH-20	BOILER RM 1ST	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	26,28	--
EUH-21	BOILER RM 1ST	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	33,35	--
EUH-22	BOILER RM 1ST	208 V	1	2.2 kVA	13 A	20 A	2	30A	NF	--	TEMP 2	30,32	--
EUH-23	BOILER RM 1ST	208 V	1	2.2 kVA	13 A	20 A	2	30A	NF	--	TEMP 2	37,39	--
EUH-24	BOILER RM 2ND	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	34,36	--
EUH-25	BOILER RM 2ND	208 V	3	7.5 kVA	26 A	30 A	3	30A	NF	--	TEMP 2	41,43,45	--
EUH-26	BOILER RM 2ND	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	38,40	--
EUH-27	BOILER RM 2ND	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	TEMP 2	47,49	--
EUH-28	WATER ROOM	208 V	1	5.0 kVA	30 A	30 A	2	30A	NF	--	H1	64,66	--
EUH-29	ELECTRIC ROOM	208 V	1	3.0 kVA	18 A	20 A	2	30A	NF	--	H1	68,70	--
EWH-1	LOBBY	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H1	45,47	--
EWH-2	LOBBY	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H1	44,46	--
EWH-3	STAIR 1	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H1	49,51	--
EWH-4	STAIR 1	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H1	48,50	--
EWH-5	STAIR 1	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H1	53,55	--
EWH-6	STAIR 1	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H1	52,54	--
EWH-7	STAIR 1	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H1	57,59	--
EWH-8	STAIR 1	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H1	56,58	--
EWH-9	STAIR 1	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H1	61,63	--
EWH-10	STAIR 2	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H2	52,54	--
EWH-11	STAIR 2	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H2	56,58	--
EWH-12	VESTIBULE	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	TEMP 1	21,23	--
EWH-13	STAIR 2	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H2	64,66	--
EWH-14	STAIR 2	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H2	72,74	--
EWH-15	STAIR 3	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H3	16,18	--
EWH-16	STAIR 3	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H3	20,22	--
EWH-17	STAIR 3	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H3	24,26	--
EWH-18	STAIR 4	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H3	28,30	--
EWH-19	STAIR 4	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H3	32,34	--
EWH-20	STAIR 4	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H3	36,38	--
EWH-21	STAIR 4	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H3	40,42	--
EWH-22	STAIR 4	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H3	44,46	--
EWH-23	STAIR 4	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H3	48,50	--
EWH-24	ENTRY	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--	H1	60,62	--
EWH-36	STAIR 1	208 V	1	4.8 kVA	28 A	30 A	2	--	INTEGRAL SW	--			--
FP-1	WATER RM	480 V	3	54.0 kVA	81 A	400 A	3	400A	400A	BY DIV 23			REFER TO RISER
JP-1	WATER RM	208 V	3	2.4 kVA	0 A	0 A	3	30A	10A	DIV 21	H1	76,78,80	STARTER BY DIV 21
RTU-1	ROOF MILL 1	208 V	1	7.2 kVA	42 A	45 A	2	60A	45A	--	H1	88,90	NEMA 3R FSS
RTU-2	ROOF MILL 2	208 V	1	7.2 kVA	42 A	45 A	2	60A	45A	--	H2	76,78	NEMA 3R FSS
RTU-3	ROOF MILL 3	208 V	1	7.2 kVA	42 A	45 A	2	60A	45A	--	H3	52,54	NEMA 3R FSS
SP-1	ELEV PIT MILL 1	208 V	1	1.8 kVA	11 A	15 A	2	--	--	DIV 23	H1	81,83	VIA OIL MINDER PANEL BY DIV 23
SP-2	ELEV PIT MILL 1	208 V	1	1.8 kVA	11 A	15 A	2	--	--	DIV 23	H2	69,71	VIA OIL MINDER PANEL BY DIV 23
SP-3	ELEV PIT MILL 3	208 V	1	1.8 kVA	11 A	15 A	2	--	--	DIV 23	H3	45,47	VIA OIL MINDER PANEL BY DIV 23
SSHP-1	ROOF	208 V	1	4.6 kVA	22 A	35 A	2	60A	35A	--	H1	72,74	--

E - MECHANICAL EQUIPMENT CONNECTION SCHEDULE - APARTMENT EQUIPMENT

DESIGNATION	VOLTS	PH	LOAD	MCA	MOCP	SS POLES	SS RATED AMPS	SS TYPE / FUSE A	PANEL	CIRCUIT #	COMMENTS
DWH-1	208 V	1	4.5 kVA	27 A	30 A	2	30A	NF	LC1	11,13	--
DWH-2	208 V	1	4.5 kVA	27 A	30 A	2	30A	NF	LC3	11,13	--
EBH-1	120 V	1	1.0 kVA	10 A	15 A	1	--	INTEGRAL SW	LC1	22	
EBH-2	120 V	1	1.0 kVA	10 A	15 A	1	--	INTEGRAL SW	LC1	22	
EBH-3	120 V	1	1.0 kVA	10 A	15 A	1	--	INTEGRAL SW	LC1	22	
EBH-4	120 V	1	1.0 kVA	10 A	15 A	1	--	INTEGRAL SW	LC1	22	
EBH-5	120 V	1	1.0 kVA	10 A	15 A	1	--	INTEGRAL SW	LC1	24	
EBH-6	120 V	1	1.0 kVA	10 A	15 A	1	--	INTEGRAL SW	LC1	22	
EBH-7	120 V	1	1.0 kVA	10 A	15 A	1	--	INTEGRAL SW	LC1	22	
EBH-8	120 V	1	1.0 kVA	10 A	15 A	1	--	INTEGRAL SW	LC1	22	
EBH-9	120 V	1	1.0 kVA	10 A	15 A	1	--	INTEGRAL SW	LC1	24	
EBH-10	120 V	1	1.0 kVA	10 A	15 A	1	--	INTEGRAL SW	LC1	22	
EBH-11	120 V	1	1.0 kVA	10 A	15 A	1	--	INTEGRAL SW	LC1	24	
EBH-12	120 V	1	1.0 kVA	10 A	15 A	1	--	INTEGRAL SW	LC1	22	
FCU-1A (B)**-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1A(B)**-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1A(B)*-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1A(B)*-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1A(B)+-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1A(B)+-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1A(B)-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1A(B)-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1B(B)-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1B(B)-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1C (A)-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1C(A)*-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1C(A)*-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1C(A)-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1F-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1F-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1G(B)-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-1G(B)-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-2A(B)*-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC3	6,8	FROM OUTDOOR UNIT
FCU-2A(B)*-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC3	6,8	FROM OUTDOOR UNIT
FCU-2A(B)*-3	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC3	25,27	FROM OUTDOOR UNIT
FCU-2A(B)-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC2	6,8	FROM OUTDOOR UNIT
FCU-2A(B)-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC2	6,8	FROM OUTDOOR UNIT
FCU-2A(B)-3	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC2	6,8	FROM OUTDOOR UNIT
FCU-2D(A)-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC3	25,27	FROM OUTDOOR UNIT
FCU-2D(A)-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC3	25,27	FROM OUTDOOR UNIT
FCU-2D(A)-3	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC3	6,8	FROM OUTDOOR UNIT
FCU-SA (B)*-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-SA (B)*-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-SA (B)-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-SA (B)-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-SA(A.R)-1	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
FCU-SA(A.R)-2	208 V	1	0.0 kVA	0 A	0 A	2	20A	RATED TOGGLE	LC1	6,8	FROM OUTDOOR UNIT
HPU-1A(B)	208 V	1	4.9 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-1A(B)*	208 V	1	4.9 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-1A(B)**	208 V	1	4.9 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-1A(B)+	208 V	1	4.9 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-1B(B)	208 V	1	4.9 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-1C(A)	208 V	1	4.9 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-1C(A)*	208 V	1	4.9 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-1F	208 V	1	4.9 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-1G(B)	208 V	1	4.9 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-2A(B)	208 V	1	4.9 kVA	24 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-2A(B)*	208 V	1	4.9 kVA	24 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-2D(A)-1	208 V	1	1.4 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-2D(A)-2	208 V	1	4.9 kVA	13 A	15 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-SA(A.R)	208 V	1	4.9 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-SA(B)	208 V	1	4.9 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS
HPU-SA(B)*	208 V	1	4.9 kVA	22 A	25 A	2	30A	25A			REFER TO LC / NEMA 3R FSS

ALL DIMENSIONS, MEASUREMENTS AND PROJECT CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR. REFER ALL DIFFERENCES, IN WRITING, TO THE ARCHITECT FOR CONSIDERATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BEAR THE COST OF RECTIFYING WORK NOT APPROVED BY THE ARCHITECT, CAUSED BY LACK OF COORDINATION AND OR NOTIFICATION.

STAMP

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 Gilroy Road
Hunt Valley, MD 21031
Phone: (443) 589-2400 Fax: (443) 589-2401
www.centuryeng.com
© 2019 ALL RIGHTS RESERVED

BID SET PHASE I
NOT FOR CONSTRUCTION
10.19.2020

REVISIONS

No.	Description	Date

HAA
HAMMEL ASSOCIATES ARCHITECTS, LLC
25 East Grant St, Suite 102, Lancaster, PA 17602 Phone: 717 393-3713

STEHLI MILL, LLC

PROJECT DESCRIPTION
STEHLI SILK MILL RENOVATIONS AND ALTERATIONS
619-629 MARTHA AVE LANCASTER PA 17601

SHEET TITLE
ELECTRICAL SCHEDULES

ISSUE DATE	SCALE	
10/16/2020	AS NOTED	
FILE NUMBER	DRAWN BY	CHECKED BY
200033.00	JAF	GBF

E7.04

10/16/2020 4:45:29 PM C:\Users\gfunk\Documents\200033 - Stehli Silk Mill - MEP Central(R19)_gfunk8J2RU.rvt