Alterations to School District Facilities

Phase Two

Peekskill City School District

1901.2
02/01/2021

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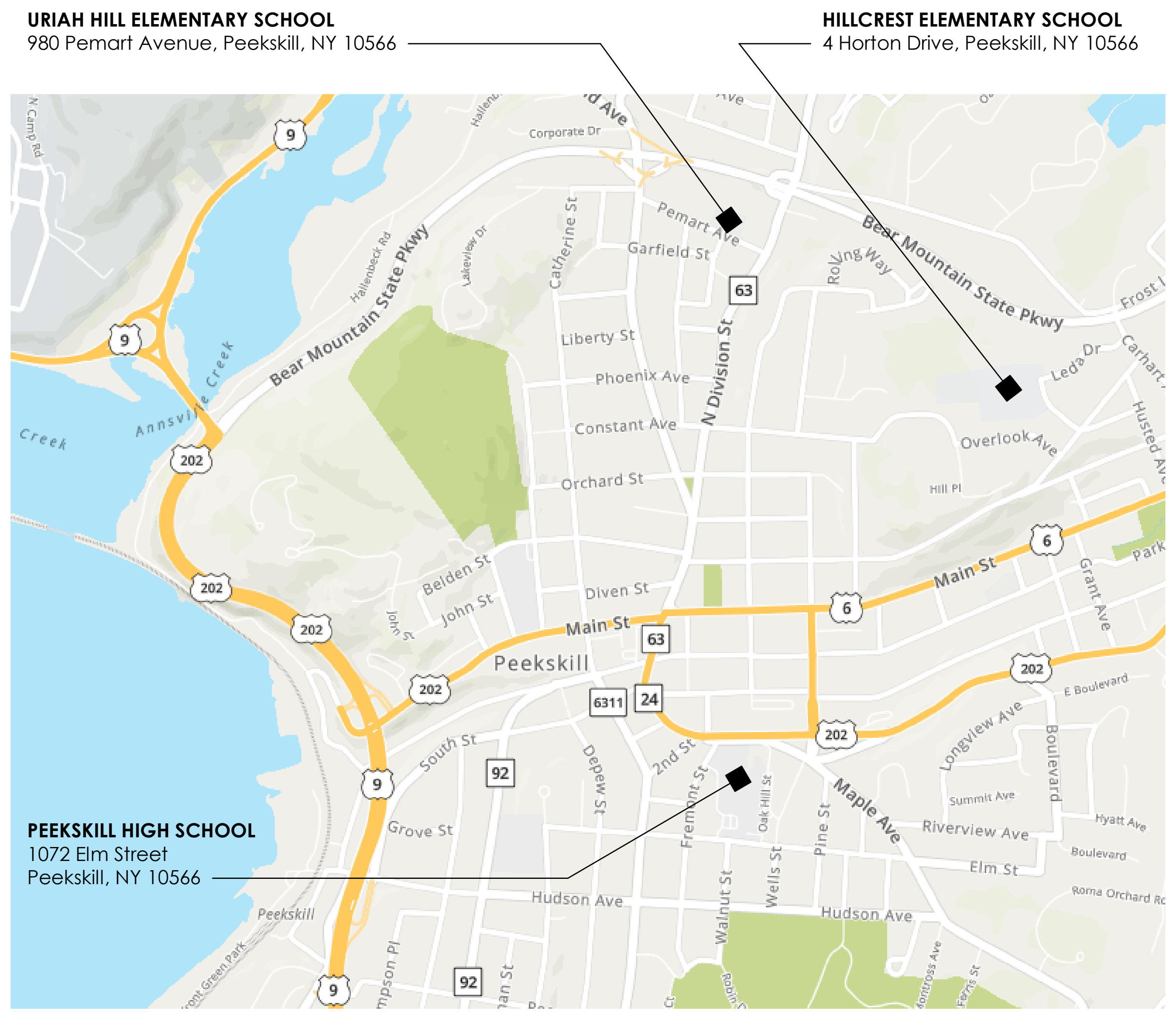
SED NUMBERS:

PEEKSKILL HIGH SCHOOL: 66-15-00-01-0-010-022
HILLCREST ELEMENTARY: 66-15-00-01-0-004-016
URIAH HILL ELEMENTARY: 66-15-00-01-0-007-015

PROJECT CONFORMANCE NOTE:

THE DESIGN OF THIS PROJECT CONFORMS TO ALL APPLICABLE PROVISIONS OF 2020 BUILDING CODES OF NEW YORK STATE, 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE, AND BUILDING STANDARDS OF NEW YORK STATE EDUCATION DEPARTMENT

LOCATION MAP:


URIAH HILL ELEMENTARY SCHOOL
980 Pemart Avenue, Peekskill, NY 10566

HILLCREST ELEMENTARY SCHOOL
4 Horton Drive, Peekskill, NY 10566

PEEKSKILL HIGH SCHOOL
1072 Elm Street
Peekskill, NY 10566

CONSULTANTS:

engineeredsolutions

SHAMROCK ENGINEERING P.C.

LIST OF DRAWINGS:

COVER	LOCATION MAP, LIST OF DRAWINGS, ABBREVIATIONS, DRAWING CONVENTIONS and SYMBOLS

PEEKSKILL HIGH SCHOOL

CODE COMPLIANCE

GP 001	LOWER LEVEL CODE COMPLIANCE PLAN

STRUCTURAL

S 001	NOTES & SPECS
S 002	SPECIAL INSPECTIONS
S 101	LOWER LEVEL FOUNDATION PLAN
S 102	LOWER LEVEL FLOOR FRAMING PLAN

ABATEMENT

AP D01	PARTIAL LOWER LEVEL ABATEMENT PLAN
AP D02	PARTIAL INTERMEDIATE LEVEL ABATEMENT PLAN - AREA A
AP 301	PARTIAL ROOF ABATEMENT PLAN - AREA A

DEMOLITION

GP D01	LOWER LEVEL DEMOLITION FLOOR PLAN
GP D02	DEMOLITION BUILDING ELEVATIONS
GP D03	DEMOLITION WALL SECTIONS

GENERAL CONSTRUCTION

GP 020	ROOM FINISH SCHEDULE
GP 101	LOWER LEVEL FLOOR PLAN
GP 201	BUILDING ELEVATIONS
GP 301	PARTIAL ROOF PLAN - AREA A
GP 401	LOWER LEVEL CEILING PLAN
GP 402	CEILING PLAN DETAILS
GP 501	ALT. 1-G - ENLARGED TOILET ROOM PLANS AND INTERIOR ELEVATIONS
GP 502	INTERIOR ELEVATIONS - ROOMS 101, 102, 103, 103B, 104, 105
GP 503	INTERIOR ELEVATIONS - ROOMS 102A, 105A
GP 510	STAIRWAY CURTAIN WALL PLAN, ELEVATIONS, AND SECTIONS
GP 601	WALL SECTIONS

PEEKSKILL HIGH SCHOOL (continued)

GENERAL CONSTRUCTION (continued)

GP 701	DOOR AND FRAME SCHEDULE AND TYPES
GP 702	WINDOW TYPES AND SCHEDULE
GP 703	FRAME DETAILS
GP 704	FRAME DETAILS
GP 705	CURTAIN WALL DETAILS
GP 801	WALL TYPES
GP 802	DETAILS
GP 803	CONCRETE SIDEWALK DETAILS
GP 901	INTERIOR DETAILS

PLUMBING

PP 001	SYMBOLS, ABBREVIATIONS, SCHEDULES, AND NOTES
PP 201	LOWER LEVEL REMOVAL PLAN
PP 301	LOWER LEVEL DRAINAGE PLAN
PP 302	ROOF DRAINAGE PLAN
PP 401	LOWER LEVEL SUPPLY PLAN

MECHANICAL

MP 001	HVAC NOTES AND SYMBOLS
MP 002	HVAC SCHEDULES
MP 003	HVAC SCHEDULES
MP 201	LOWER LEVEL REMOVAL PLAN
MP 202	INTERMEDIATE AND MAIN LEVELS REMOVAL PLAN - AREA A
MP 203	INTERMEDIATE REMOVAL PLAN - AREA A
MP 301	LOWER LEVEL DUCTWORK PLAN
MP 302	INTERMEDIATE AND MAIN LEVELS DUCTWORK PLAN - AREA A
MP 303	INTERMEDIATE AND MAIN LEVELS DUCTWORK PLAN - AREA A
MP 401	LOWER LEVEL PIPING PLAN
MP 402	INTERMEDIATE AND MAIN LEVELS PIPING PLAN - AREA A
MP 403	LOWER AND INTERMEDIATE LEVEL PIPING PLAN
MP 404	INTERMEDIATE AND MAIN LEVELS PIPING PLAN - AREA A

PEEKSKILL HIGH SCHOOL (continued)

MECHANICAL (continued)

MP 601	HVAC DETAILS AND DIAGRAMS
MP 602	HVAC DETAILS AND DIAGRAMS
MP 701	TEMPERATURE CONTROLS
MP 702	TEMPERATURE CONTROLS
MP 703	TEMPERATURE CONTROLS

ELECTRICAL

EP 001	LEGEND AND GENERAL NOTES
EP 002	LIGHTING FIXTURE, PANELBOARD, AND ELECTRIC EQUIPMENT AND CONTROL SCHEDULES
EP 010	ONE-LINE DIAGRAM
EP 201	LOWER LEVEL REMOVAL PLAN
EP 202	MAIN LEVEL REMOVAL PLAN - AREA A
EP 203	MAIN LEVEL REMOVAL PLAN - AREA B
EP 204	INTERMEDIATE LEVEL REMOVAL PLAN - AREA A
EP 205	INTERMEDIATE LEVEL REMOVAL PLAN - AREA B
EP 301	LOWER LEVEL LIGHTING PLAN
EP 401	LOWER LEVEL POWER PLAN
EP 501	LOWER LEVEL SYSTEMS PLAN
EP 502	MAIN LEVEL SYSTEMS PLAN - AREA A
EP 503	MAIN LEVEL SYSTEMS PLAN - AREA B
EP 504	INTERMEDIATE LEVEL SYSTEMS PLAN - AREA A
EP 505	INTERMEDIATE LEVEL SYSTEMS PLAN - AREA B
EP 601	DETAILS
EP 602	DETAILS
EP 603	DETAILS
EP 604	DETAILS
EP 605	DETAILS
EP 801	RACK RISER DIAGRAM AND PATCH PANEL SCHEDULE

HILLCREST ELEMENTARY

ABATEMENT

AH D01	PARTIAL FIRST FLOOR ABATEMENT PLAN - AREA B
AH D02	PARTIAL FIRST FLOOR ABATEMENT PLAN - AREA C
AH D03	PARTIAL FIRST FLOOR ABATEMENT PLAN - AREA D

DEMOLITION

GH D01	PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA B
GH D02	PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA C
GH D03	PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA D

GENERAL CONSTRUCTION

GH 101	PARTIAL FIRST FLOOR PLAN - AREA B AND FINISH SCHEDULE
GH 102	PARTIAL FIRST FLOOR, REFLECTED CEILING PLAN, ELEVATIONS - AREA C
GH 103	PARTIAL FIRST FLOOR PLAN - AREA D
GH 701	WINDOW TYPES, WINDOW DETAILS, WALL TYPES

PLUMBING

PH 001	SYMBOLS, ABBREVIATIONS, SCHEDULES, AND NOTES
PH 301	NEW PLUMBING PLAN

MECHANICAL

MH 001	HVAC NOTES AND SYMBOLS
MH 002	HVAC SCHEDULES
MH 201	FIRST FLOOR REMOVAL PLAN - AREA B
MH 202	FIRST FLOOR REMOVAL PLAN - AREA C
MH 203	FIRST FLOOR REMOVAL PLAN - AREA D
MH 401	FIRST FLOOR HVAC PLAN - AREA B
MH 402	FIRST FLOOR HVAC PLAN - AREA C
MH 403	FIRST FLOOR HVAC PLAN - AREA D
MH 601	HVAC DETAILS AND DIAGRAMS
MH 701	TEMPERATURE CONTROLS

HILLCREST ELEMENTARY (continued)

ELECTRICAL

EH 001	LEGEND, GENERAL NOTES, AND ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
EH 201	FIRST FLOOR REMOVAL PLAN - AREA A
EH 202	FIRST FLOOR REMOVAL PLAN - AREA B
EH 203	FIRST FLOOR REMOVAL PLAN - AREA C
EH 204	FIRST FLOOR REMOVAL PLAN - AREA D
EH 205	FIRST FLOOR REMOVAL PLAN - AREA E
EH 206	SECOND FLOOR REMOVAL PLAN
EH 401	FIRST FLOOR POWER AND SYSTEMS PLAN - AREA A
EH 402	FIRST FLOOR POWER AND SYSTEMS PLAN - AREA B
EH 403	FIRST FLOOR POWER AND SYSTEMS PLAN - AREA C
EH 404	FIRST FLOOR POWER AND SYSTEMS PLAN - AREA D
EH 405	FIRST FLOOR SYSTEMS PLAN - AREA E
EH 406	SECOND FLOOR SYSTEMS PLAN
EH 601	DETAILS
EH 602	DETAILS

URIAH HILL ELEMENTARY

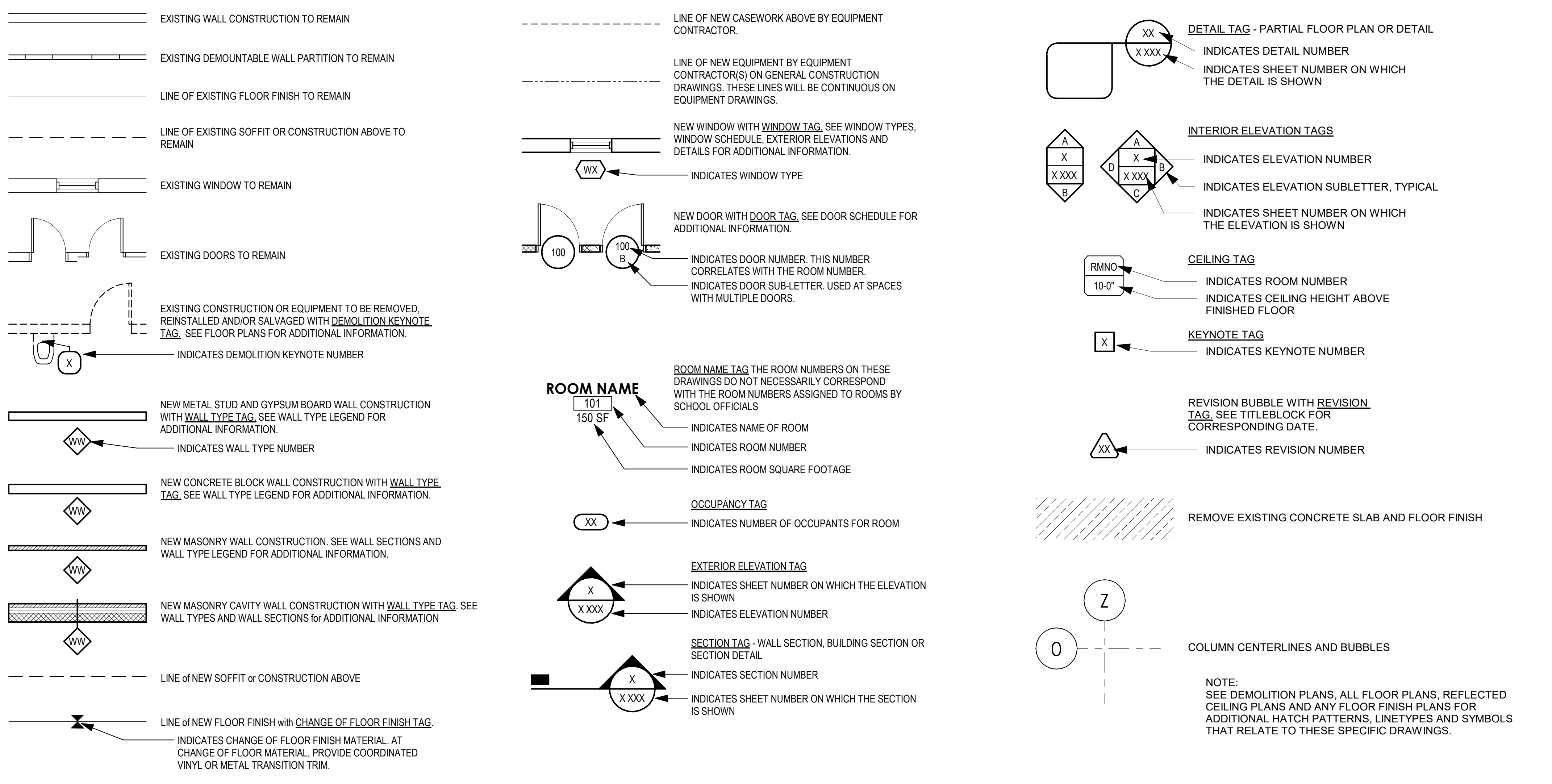
DEMOLITION

RU D01	PARTIAL ROOF DEMOLITION PLAN - AREA A
RU D02	PARTIAL ROOF DEMOLITION PLAN - AREA B

GENERAL CONSTRUCTION

RU 301	PARTIAL ROOF PLAN - AREA A
RU 302	PARTIAL ROOF PLAN - AREA B

DRAWINGS CONVENTIONS AND SYMBOLS:



EXISTING WALL CONSTRUCTION TO REMAIN

EXISTING DEMOUNTABLE WALL PARTITION TO REMAIN

LINE OF EXISTING FLOOR FINISH TO REMAIN

LINE OF EXISTING SOFFIT OR CONSTRUCTION ABOVE TO REMAIN

EXISTING WINDOW TO REMAIN

EXISTING DOORS TO REMAIN

EXISTING CONSTRUCTION OR EQUIPMENT TO BE REMOVED, REINSTALLED AND/OR SALVAGED WITH DEMOLITION KEYNOTE TAG. SEE FLOOR PLANS FOR ADDITIONAL INFORMATION.
INDICATES DEMOLITION KEYNOTE NUMBER

NEW METAL STUD AND GYPSUM BOARD WALL CONSTRUCTION WITH WALL TYPE TAG. SEE WALL TYPE LEGEND FOR ADDITIONAL INFORMATION.
INDICATES WALL TYPE NUMBER

NEW CONCRETE BLOCK WALL CONSTRUCTION WITH WALL TYPE TAG. SEE WALL TYPE LEGEND FOR ADDITIONAL INFORMATION.

NEW MASONRY WALL CONSTRUCTION. SEE WALL SECTIONS AND WALL TYPE LEGEND FOR ADDITIONAL INFORMATION.

NEW MASONRY CAVITY WALL CONSTRUCTION WITH WALL TYPE TAG. SEE WALL TYPES AND WALL SECTIONS for ADDITIONAL INFORMATION

LINE of NEW SOFFIT or CONSTRUCTION ABOVE

LINE of NEW FLOOR FINISH with CHANGE OF FLOOR FINISH TAG.
INDICATES CHANGE OF FLOOR FINISH MATERIAL. AT CHANGE OF FLOOR MATERIAL, PROVIDE COORDINATED VINYL OR METAL TRANSITION TRIM.

LINE OF NEW CASEWORK ABOVE BY EQUIPMENT CONTRACTOR.

LINE OF NEW EQUIPMENT BY EQUIPMENT CONTRACTOR(S) ON GENERAL CONSTRUCTION DRAWINGS. THESE LINES WILL BE CONTINUOUS ON EQUIPMENT DRAWINGS.

NEW WINDOW WITH WINDOW TAG. SEE WINDOW TYPES, WINDOW SCHEDULE, EXTERIOR ELEVATIONS AND DETAILS FOR ADDITIONAL INFORMATION.
INDICATES WINDOW TYPE

NEW DOOR WITH DOOR TAG. SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
INDICATES DOOR NUMBER. THIS NUMBER CORRELATES WITH THE ROOM NUMBER.
INDICATES DOOR SUB-LETTER. USED AT SPACES WITH MULTIPLE DOORS.

ROOM NAME TAG THE ROOM NUMBERS ON THESE DRAWINGS DO NOT NECESSARILY CORRESPOND WITH THE ROOM NUMBERS ASSIGNED TO ROOMS BY SCHOOL OFFICIALS
INDICATES NAME OF ROOM
INDICATES ROOM NUMBER
INDICATES ROOM SQUARE FOOTAGE

OCCUPANCY TAG
INDICATES NUMBER OF OCCUPANTS FOR ROOM

EXTERIOR ELEVATION TAG
INDICATES SHEET NUMBER ON WHICH THE ELEVATION IS SHOWN
INDICATES ELEVATION NUMBER

SECTION TAG - WALL SECTION, BUILDING SECTION OR SECTION DETAIL
INDICATES SECTION NUMBER
INDICATES SHEET NUMBER ON WHICH THE SECTION IS SHOWN

DETAIL TAG - PARTIAL FLOOR PLAN OR DETAIL
INDICATES DETAIL NUMBER
INDICATES SHEET NUMBER ON WHICH THE DETAIL IS SHOWN

INTERIOR ELEVATION TAGS
INDICATES ELEVATION NUMBER
INDICATES ELEVATION SUBLETTER, TYPICAL
INDICATES SHEET NUMBER ON WHICH THE ELEVATION IS SHOWN

CEILING TAG
INDICATES ROOM NUMBER
INDICATES CEILING HEIGHT ABOVE FINISHED FLOOR

KEYNOTE TAG
INDICATES KEYNOTE NUMBER

REVISION BUBBLE WITH REVISION TAG. SEE TITLEBLOCK FOR CORRESPONDING DATE.
INDICATES REVISION NUMBER

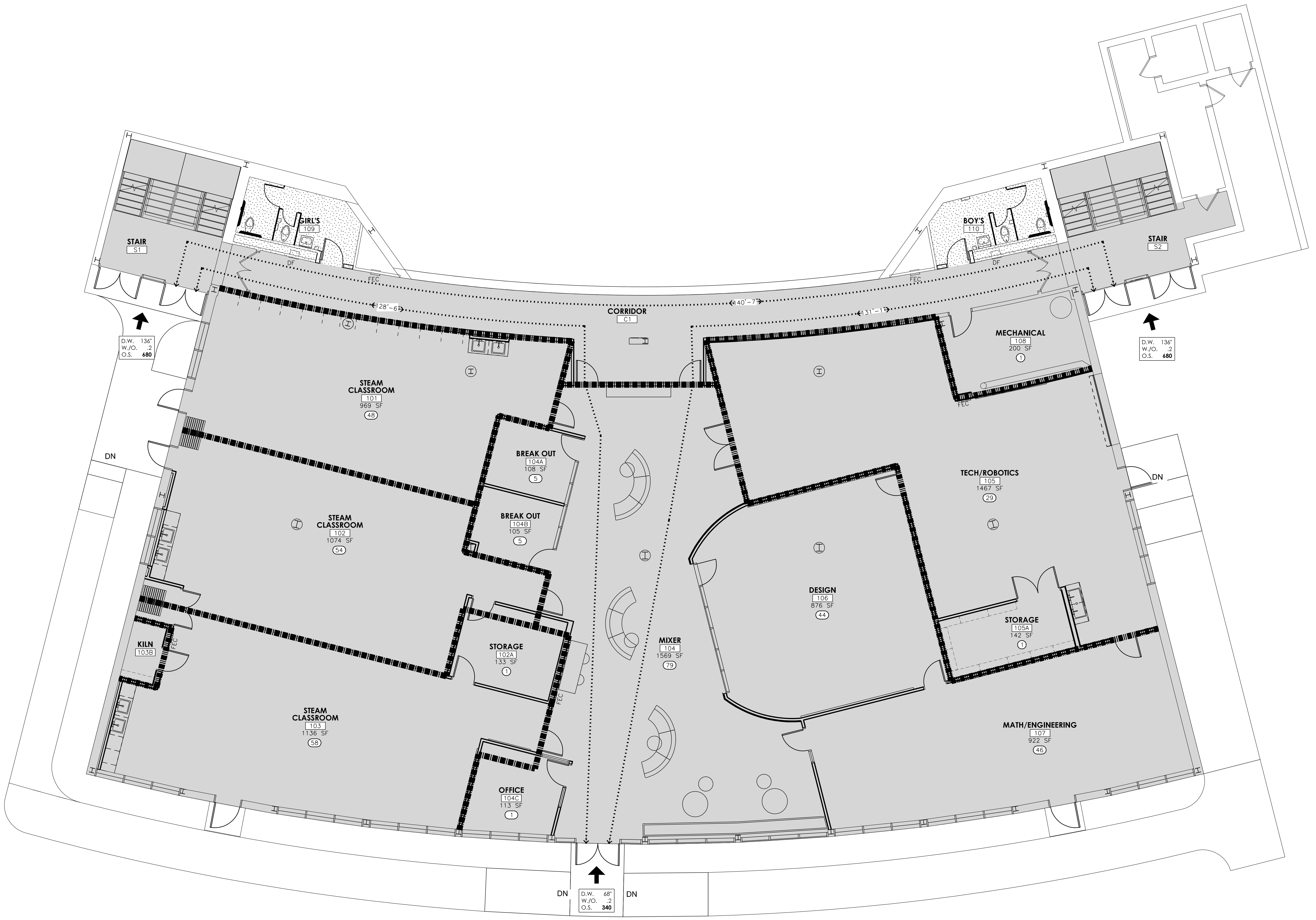
REMOVE EXISTING CONCRETE SLAB AND FLOOR FINISH

COLUMN CENTERLINES AND BUBBLES

NOTE:
SEE DEMOLITION PLANS, ALL FLOOR PLANS, REFLECTED CEILING PLANS AND ANY FLOOR FINISH PLANS FOR ADDITIONAL HATCH PATTERNS, LINETYPES AND SYMBOLS THAT RELATE TO THESE SPECIFIC DRAWINGS.

ABBREVIATIONS:

AB	ANCHOR BOLT
AC	AIR CONDITIONING
ACC	ACCESS
ACMU	ARCHITECTURAL CONCRETE MASONRY UNI
ACOUST	ACOUSTICAL
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
AD	ACCESS DOOR AREA DRAIN
ADDL	ADDITIONAL
ADJ	ADJACENT ADJUSTABLE
AFF	ABOVE FINISH FLOOR
ALUM	ALUMINUM
ALT	ALTERNATE
ANOD	ANODIZED
AP	ACOUSTIC PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECT(URAL)
ASPH	ASPHALT
ASST	ASSISTANT
AUTO	AUTOMATIC
AUX	AUXILIARY
A/V	AUDIO VISUAL
AVE	AVENUE
AVG	AVERAGE
AWG	AMERICAN WIRE GAUGE
BD	BOARD
BEV	BEVELED
BITUM	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BENCHMARK BEAM
BOT	BOTTOM
BRG	BEARING
BSMT	BASEMENT
BUR	BUILT UP ROOF
C	CONDUIT
CAB	CABINET
CAP	CAPACITY
CB	CATCH BASIN CHALKBOARD
CEM	CEMENTITIOUS
CER	CERAMIC
CFM	CUBIC FEET PER MINUTE
CG	CORNER WALL GUARD
CH	COAT HOOK
CHAM	CHAMFER
CI	CAST IRON
CIRC	CIRCUMFERENCE
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTERLINE CLOSET
CLG	CEILING
CLOS	CLOSET
CLP	CLEAN IN PLACE
CLR	CLEAR(ANCE)
CLRM	CLASSROOM
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRIDOR
CR	INSULATION CRICKET
CSNK	COUNTERSINK
CSWK	CASEWORK
CT	CERAMIC TILE
CTR	COUNTER
CU	CUBIC CONDENSING UNIT
CUST	CUSTODIAN
CW	COLD WATER
DAMP	DAMPROOFING
DBL	DOUBLE
DEMO	DEMOLITION DEMOLISH
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL DIAGRAM
DIM	DIMENSION
DL	DEAD LOAD
DN	DOWN
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
DWR	DRAWER
E	EAST
EA	EACH
EB	EXPANSION BOLT
EC	ELECTRICAL CONTRACTOR
ED	EDUCATION
EF	EXHAUST FAN
EG	END WALL GUARD
EJ	EXPANSION JOINT
EL	ELEVATION
ELAS	ELASTOMERIC
ELEC	ELECTRIC(AL)
ELEV	ELEVATION
EMER	EMERGENCY
ENCL	ENCLOSE(URE)
EP	ELECTRIC PANEL
EQ	EQUAL
EQP	EQUIPMENT
ERW	EMERGENCY
RESCUE	WINDOW
EST	ESTIMATE
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION EXPOSED
EXR	EXISTING CONSTRUCTION TO REMAIN
EXT	EXTERIOR
FA	FIRE ALARM
FBO	FURNISH BY OTHER
FD	FLOOR DRAIN FIRE DAMPER
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FIN	FINISH OR FINISHED
FIXT	FIXTURE
FLEX	FLEXIBLE
FLUOR	FLUORESCENT
FLR	FLOOR
FLSHG	FLASHING
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
FOW	FACE OF WALL
FP	FILLER PANEL
FSU	FOOD SERVICE EQUIPMENT
FT	FOOT(FEET)
FTG	FOOTING
FURN	FURNISH(ED)
FUT	FUTURE
G	GAS
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GEN	GENERAL GENERATOR
GR	GRADE
GRD	GROUND
GL	GLAZING
GUID	GUIDANCE
GWB	GYPSUM WALL
BOARD	
GYP	GYPSUM
HB	HOSE BIBB
HC	HANDICAP(PED) HVAC CONTRACTOR HOLLOW CORE
HD	HAND, HAND RYER, HEAD
HDR	HEADER
HT	HEIGHT
HID	HIGH INTENSITY DISCHARGE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HIGH POINT
HRDW	HARDWARE
HTG	HEATING
HTR	HEATER
HVAC	HEATING ENTILATING & AIR ONDITIONING
HW	HOT WATER
ID	INSIDE DIAMETER
IN	INCHES
INCL	INCLUDING(DED)
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
INTEG	INTEGRAL
INTMED	INTERMEDIATE
INV	INVERT
JAN	JANITOR
JST	JOIST
JT	JOINT
KIT	KITCHEN
KW	KILOWATT
L	LENGTH LONG
LAM	LAMINATE
LAV	LAVATORY
LDR	LEADER
LH	LEFT HAND
LIN	LINEAR
LK	LOCK
LL	LIVE LOAD
LLH	LONG LEG ORIZONTAL
LLV	LONG LEG ERTICAL
LO	LOUVER
LOC(S)	LOCATION(S)
LP	LIGHTING PANEL LOW POINT
LT	LIGHT
MAS	MASONRY
MAX	MAXIMUM
MB	MARKER BOARD
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTD	MOUNTED
MTL	METAL
MUL	MULLION
MW	MICROWAVE
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFF	OFFICE
OH	OPPOSITE HAND OVER HEAD
OPNG	OPENING
OPP	OPPOSITE
OPT	OPTION(AL)
PAR	PARALLEL
PC	PLUMBING CONTRACTOR
PERF	PERFORATED
PERIM	PERIMETER
PKG	PARKING
PL	PLATE PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PREP	PREPARE(ATION)
PRIN	PRINCIPAL
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED PAINT
PTD	PAPER TOWEL DISPENSER PAINTED
PTN	PARTITIONED
PV	PLUMBING VENT
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
QT	QUARRY TILE
QTY	QUANTITY
R	RISER
RAD	RADIUS RADIATOR RADIATION
RD	ROOF DRAIN ROAD
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCE(D), (ING)
REQD	REQUIRED
RFL	REFLECT(ED), (IVE), (OR)
RFC	RESILIENT FLOOR COVERING
RQMT(S)	REQUIREMENT(S)
REV	REVISION
RH	RIGHT HAND ROOF HATCH
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RTU	ROOF TOP UNIT
RV	ROOF VENTILATOR
RVT	REINFORCED VINYL TILE
RWC	RAIN WATER CONDUCTOR
S	SOUTH
SACT	SUSPENDED ACOUSTICAL CEILING TILE
SAN	SANITARY
SC	SOLID CORE
SCHED	SCHEDULE(D)
SD	SMOKE DETECTOR SUPPLY DIFFUSER SOAP DISPENSER
SEC	SECRETARY
SEAL	SEALANT
SECT	SECTION
SG	SUPPLY GRILL
SH	SHELVES
SHT	SHEET
SHTHG	SHEATHING
SIM	SIMILAR
SK	SKYLIGHT
SPEC	SPECIFICATION SPECIFIED
SQ	SQUARE
SP	SPEECH
SPKR	SPEAKER
SS	STAINLESS STEEL
ST	STORAGE
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SYM	SYMMETRICAL
SYS	SYSTEM
T	TREAD THERMOSTAT TOP
TB	TACK BOARD TOWEL BAR
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TEL	TELEPHONE
TEMP	TEMPORARY TEMPERATURE TEMPERED
TES	TAPERED EDGE STRIP
THK	THICK
THLD	THRESHOLD
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TOW	TOP OF WALL
TS	TUBE STEEL
TYP	TYPICAL
UH	UNIT HEATER
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
UV	UNIT VENTILATOR
V	VOLT
VAR	VARIES
VCT	VINYL COMPOSITE TILE
VENT	VENTILATION
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VOL	VOLUME
VTR	VENT THROUGH ROOF
VWC	VINYL WALL COVERING
W	WEST WIDE
WB	WHITE BOARD
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET WATER COOLER
WD	WOOD
WIND	WINDOW
WP	WORK POINT WATER PROOFING
WR	WATER RESISTANT
WSCT	WAINSCOT
WT	WEIGHT
WWF	WELDED WIRE FABRIC
YD	YARD



1 PARTIAL LOWER FLOOR CODE COMPLIANCE PLAN - AREA A

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

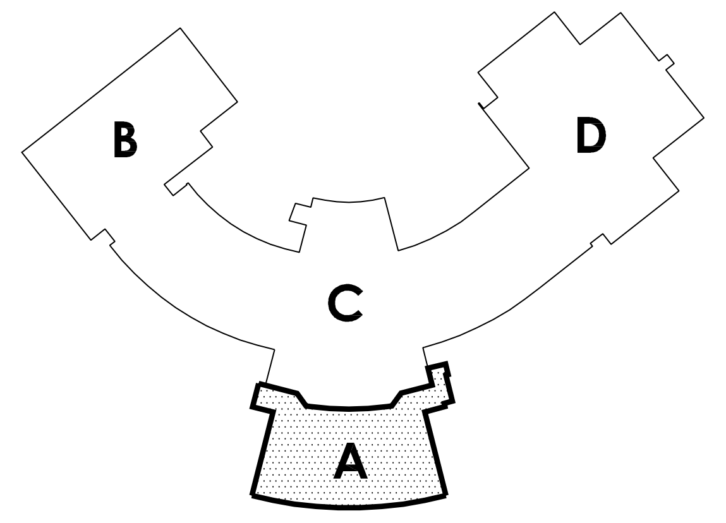
FLOOR PLAN LEGEND

←	ENTRANCE TAG. INDICATES ACCESSIBLE ENTRY and ROUTE.
═	WALL CONSTRUCTION
- - - -	LINE of SOFFIT or CONSTRUCTION ABOVE.
▨	FULL HEIGHT 1 HOUR FIRE RATED FIRE/SMOKE BARRIER WALL CONSTRUCTION
▨	FULL HEIGHT 2 HOUR FIRE RATED FIRE/SMOKE BARRIER WALL CONSTRUCTION
·····←XX'–X"→·····	CORRIDOR TRAVEL DISTANCE
FE or FEC	FIRE EXTINGUISHER OR FIRE EXTINGUISHER CABINET
RW	RESCUE WINDOW LOCATION
	OCCUPANCY TAG NUMBERS LESS THAN .5 ARE ROUNDED DOWN NUMBERS GREATER THAN OR EQUAL TO .5 ARE ROUNDED UP
(XX) ←	INDICATES OCCUPANT LOAD PER BCNYS
▒	RECONSTRUCTION AREA
░	ALTERNATES RECONSTRUCTION AREA

CODE COMPLIANCE SUMMARY

REFERENCE HIGH SCHOOL

ITEM	REFERENCE	ALLOWED/REQUIRED	PROVIDED/ACTUAL
OCCUPANCY CLASSIFICATION	2020 IBC		EDUCATIONAL GROUP E
CLASSIFICATION OF WORK	2020 IEBC		ALTERATION - LEVEL 2
CONSTRUCTION TYPE	2020 IBC		TYPE II B
ALLOWABLE BUILDING HEIGHT IN FEET	2020 IBC AND NYS SPMT TABLE 504.3	55 FEET	44 FEET
ALLOWABLE BUILDING HEIGHT IN STORIES	2020 IBC AND NYS SPMT TABLE 504.4	2 STORIES	EXISTING NONCONFORMING 3 STORIES
ALLOWABLE BUILDING AREA PER STORY	2020 IBC AND NYS SPMT TABLE 506.2	A_t = NS = 14,500 SF	SEE BELOW
EXISTING LOWER LEVEL BUILDING AREA			EXISTING CONFORMING = 11,526 SF WORK AREA = 11,526 SF
EXIT ACCESS TRAVEL DISTANCE	2020 IBC AND NYS SPMT TABLE 1017.2	200 FEET WITHOUT SPRINKLER SYSTEM	150 FEET OR LESS
ALONG THE LINE OF TRAVEL IN A CORRIDOR	1998 MPS S103-1c	150 FT TO EXTERIOR DOOR AT GRD FLR	150 FEET OR LESS



LOWER FLOOR KEY PLAN

NO SCALE

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES. ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

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Consultant

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
PARTIAL LOWER FLOOR PLAN
CODE COMPLIANCE
AREA A
PEEKSKILL HIGH SCHOOL

APN : 1901.2
Date : 10/02/2020
Drawn by :

Drawing Number :
GP 001

DRAWING NOTES

DESIGN DATA:

1. ALL WORK SHALL COMPLY WITH THE 2020 NEW YORK STATE BUILDING CODE WITH SUPPLEMENTS AND THEIR REFERENCE STANDARDS.
2. DESIGN BASIS/GOVERNING CODE: NYS BUILDING CODE AND REFERENCE STANDARDS
3. CLASSIFICATION CATEGORY: III
4. SERVICE BUILDING DESIGN LOADS–

LIVE LOADS:	
UNIFORM LOAD	100psf
DEAD LOADS:	
FLOOR	100psf
SNOW LOAD:	
GROUND SNOW LOAD (Pg)	40psf
FLAT ROOF SNOW LOAD (Pf)	32psf
IMPORTANCE FACTOR (Is)	1.1
EXPOSURE FACTOR (Ce)	B
THERMAL FACTOR (Ct)	1.1
WIND LOAD:	
ULTIMATE WIND SPEED	115mph
IMPORTANCE FACTOR (Iw)	1.1
EXPOSURE CATEGORY	B
SEISMIC DESIGN DATA:	NA

GENERAL NOTES:

1. DO NOT CHANGE SIZE NOR SPACING OF STRUCTURAL ELEMENTS.
2. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
3. DESIGN AND CONSTRUCTION PER THE 2020 NEW YORK STATE BUILDING CODE, SUPPLEMENTS, AND THE REFERENCE STANDARDS AND ALL OTHER APPLICABLE CODES, ORDINANCES AND REGULATIONS.
4. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND UTILITIES.
5. EACH CONTRACTOR SHALL COOPERATE WITH THE OWNER'S REPRESENTATIVE, AND COORDINATE THEIR WORK WITH THE WORK OF OTHERS.
6. PROVIDE AND INSTALL ALL MATERIALS IN ACCORDANCE WITH RECOGNIZED GOOD STANDARD PRACTICE.
7. THE CONTRACTOR SHALL VERIFY ALL UTILITY SERVICES PRIOR TO INTERRUPTION.
8. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT PRIOR REVIEW AND APPROVAL BY THE ENGINEER.
9. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ALL PROPOSED DEVIATIONS OR SUBSTITUTIONS FROM THE DIMENSIONS, MATERIALS OR EQUIPMENT SHOWN ON THE DRAWINGS AND MAKE ONLY THOSE DEVIATIONS OR SUBSTITUTIONS ACCEPTABLE TO THE ENGINEER.
10. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS OF EXISTING SITE THAT ARE AFFECTED BY NEW WORK BEFORE PROCEEDING WITH FABRICATION AND CONSTRUCTION.
11. CONTRACTOR SHALL KEEP WORK AREA CLEAN, HAZARD FREE, AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY.
12. SWEEP THE CONSTRUCTION AREA BROOM CLEAN AT THE END OF EACH WORKING DAY.
13. CONTRACTOR SHALL CONDUCT ACTIVITIES ASSOCIATED WITH THIS WORK IN A MANNER CONSISTENT WITH ANY AND ALL REQUIREMENTS OF THE SITE OWNER/OPERATOR INCLUDING, BUT NOT LIMITED TO, SITE USE, PROTECTION OF PERSONS AND PROPERTY, WASTE CONTAINMENT, SITE SECURITY, AND NOTIFICATION.
14. UNLESS OTHERWISE DIRECTED BY THESE CONSTRUCTION DRAWINGS, OR ALLOWED BY THE AUTHORITIES HAVING JURISDICTION, ALL EXISTING FACILITIES SHALL BE PROTECTED AND SHALL REMAIN IN SERVICE AND ACCESSIBLE.
15. CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL NON–OWNER PROVIDED EQUIPMENT AND FABRICATIONS TO BE USED IN CONSTRUCTION. CONTRACTOR SHALL REVIEW ALL SHOP DRAWINGS, INCLUDING THOSE REQUIRED FROM SUB–CONTRACTORS. SHOP DRAWINGS MUST BEAR THE CHECKER'S INITIALS BEFORE SUBMITTAL TO THE ENGINEER FOR REVIEW. DESIGN CHANGE AND SUBSTITUTION REQUESTS SHALL BE CLEARLY NOTED OR SUBMITTAL MAY BE REJECTED UPON RECEIPT. ALLOW TEN DAYS FOR REVIEW.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON–SITE SAFETY REQUIREMENTS FROM THE TIME THE CONTRACT IS AWARDED UNTIL ALL WORK IS COMPLETE AND ACCEPTED BY THE OWNER AND ENGINEER.
17. WHEN DISTURBED, EXISTING FACILITIES SHALL BE REPAIRED OR REPLACED IN KIND AND IN ACCORDANCE WITH THE REQUIREMENTS OR DIRECTION OF THE AUTHORITY HAVING JURISDICTION. ASSOCIATED COSTS SHALL BE BORNE BY THE CONTRACTOR.
18. CONTRACTOR SHALL PLAN AND COORDINATE THIRD PARTY INSPECTIONS REQUIRED BY STATE OR LOCAL AUTHORITIES, THE OWNER, OR THE ENGINEER. A MINIMUM 48 HOUR NOTICE SHALL BE PROVIDED TO THE INSPECTOR. UNLESS OTHERWISE ARRANGED.
19. CONTRACTOR IS TO REVIEW ALL DRAWINGS AND SPECIFICATIONS IN THE CONTRACT DOCUMENT SET. CONTRACTOR SHALL COORDINATE ALL WORK SHOWN IN THE SET OF DRAWINGS. THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF DRAWINGS TO EACH SUB–CONTRACTOR AND ALL RELATED PARTIES. THE SUBCONTRACTORS SHALL EXAMINE ALL THE DRAWINGS AND SPECIFICATIONS FOR THE INFORMATION THAT AFFECTS THEIR WORK.
20. SHOULD ANYTHING BE OMITTED FROM THESE PLANS WHICH IS NECESSARY FOR A COMPLETE UNDERSTANDING OF THE WORK, CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER.
21. WRITTEN DIMENSIONS ON THE PLANS HAVE PRECEDENCE OVER SCALED DIMENSIONS.
22. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL COMPLY WITH THE SAME PROVISIONS AND ANY OTHER APPLICABLE CODES, RULES, AND REGULATIONS, WEATHER SHOWN ON THE PLANS OR NOT.

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE OR WHERE LOCAL CODES, OR REGULATIONS TAKE PRECEDENCE.
2. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
3. THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING BEST SKILLS AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION W/THE PROJECT MANAGER AND WITH OWNER AUTHORIZED REPRESENTATIVE.
4. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK SUBJECT TO OWNER APPROVAL.
5. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, SURFACES, ETC., AND UPON COMPLETION OF WORK, REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF THE OWNER.

FOUNDATIONS/EARTHWORK:

1. THE FOUNDATION DESIGN IS BASED ON A GENERAL KNOWLEDGE OF THE AREA AND THE CODE DEFINED ALLOWABLE LOADS.
2. FOUNDATION EXCAVATIONS SHALL BE PROPERLY SLOPED OR BENCHED TO PROVIDE SAFE CONDITIONS.
3. FOOTING SHALL BEAR A MINIMUM OF 4'–0" BELOW THE SURROUNDING FINISHED GRADE.
4. PREVENT SURFACE WATER AND GROUND WATER FROM ENTERING EXCAVATIONS, FROM PONDING ON PREPARED SUBGRADES, AND FROM FLOODING PROJECT SITE AND SURROUNDING AREA.
5. DO NOT PLACE FOOTINGS IN WATER OR ON FROZEN GROUND.
6. SOIL BEARING SURFACES PREVIOUSLY ACCEPTED BY THE ENGINEER, WHICH ARE ALLOWED TO BECOME SATURATED, FROZEN OR DISTURBED SHALL BE REWORKED TO THE SATISFACTION OF THE ENGINEER.
7. BEAR FOOTINGS ON COMPACTED STRUCTURAL FILL.
8. CENTER FOOTINGS UNDER WALLS, PIERS OR COLUMNS, UNLESS NOTED OTHERWISE.
9. DOWEL CONCRETE WALLS AND PIERS INTO FOOTINGS WITH DOWELS THE SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT. EXTEND DOWELS TO WITHIN 3 INCHES OF BOTTOM OF FOOTING, TERMINATED WITH ACI STANDARD 90 DEGREE HOOK. LAP PER TABLE WITH VERTICAL REINFORCEMENT, UNLESS NOTED OTHERWISE.

CONCRETE NOTES:

1. DESIGN AND CONSTRUCTION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING APPLICABLE CODES: ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
2. REINFORCING DETAILS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 315.
3. REINFORCING STEEL SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD, UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL BE OVERLAPPED A MINIMUM OF 6".
4. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:
   - A. CONCRETE CAST IN EARTH: 3"
   - B. CONCRETE EXPOSED TO EARTH OR WEATHER:
     - 1. #6 AND LARGER: 2"
     - 2. #5 AND SMALLER & WWF: 1 1/2"
5. INSTALLATION OF CONCRETE ANCHORS, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDATIONS. THE ANCHOR BOLT, DOWEL, OR ROD, SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR ENGINEERING APPROVAL WHEN DRILLING HOLES IN CONCRETE.
6. ADMIXTURES SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN ACI–301.
7. CURING COMPOUNDS SHALL CONFORM TO ASTM C–309.
8. DO NOT TACKWELD REINFORCING STEEL.
9. ALL DOWELS, ANCHOR BOLTS, EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, GROUNDS AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE THE START OF CONCRETE PLACEMENT.
10. LOCATE ADDITIONAL CONSTRUCTION JOINTS AS REQUIRED TO FACILITATE CONSTRUCTION AS ACCEPTABLE TO ENGINEER. PLACE REINFORCEMENT CONTINUOUSLY THROUGHOUT JOINT.
11. REINFORCEMENT SHALL BE COLD BENT WHENEVER BENDING IS REQUIRED.
12. PLACE CONCRETE IN A UNIFORM MANNER TO PREVENT THE FORMATION OF COLD JOINTS AND OTHER PLANES OF WEAKNESS VIBRATE THE CONCRETE TO FULLY EMBED REINFORCING, DO NOT USE VIBRATORS TO TRANSPORT CONCRETE THROUGH CHUTES OR FORMWORK.
13. DO NOT PLACE CONCRETE IN WATER, ICE, OR ON FROZEN GROUND.
14. DO NOT ALLOW CONCRETE SUBBASE TO FREEZE DURING CONCRETE CURING AND SETTING PERIOD, OR FOR 14 DAYS AFTER PLACEMENT.
15. PROVIDE ¾"x¾" CHAMFER AT ALL EXPOSED CONCRETE CORNERS UNLESS NOTED OTHERWISE. CHAMFERED CORNERS SHALL BE INCLUDED AT ALL GARAGE PIERS. EDGES AND FINS SHALL BE RUBBED SMOOTH.
16. REINFORCE CONCRETE ELEMENTS INCLUDING FOOTINGS, WALLS, PIERS AND SLABS. REINFORCEMENT SHOWN PERTAINS TO TYPICAL CONDITIONS.
17. PROVIDE KEYS IN CONCRETE WALLS, PIERS AND FOOTINGS AT INTERSECTION OF MASONRY OR CONCRETE, UNLESS NOTED OTHERWISE.
18. PIPING, CONDUIT AND DUCT PENETRATIONS THROUGH WALLS SHALL BE SLEEVED. NO CORE DRILLING OF WALLS IS PERMITTED. PENETRATIONS ARE NOT PERMITTED THROUGH PIERS.
19. WHERE FOUNDATION WALLS ARE TO BE BACKFILLED ON BOTH SIDES, CONCRETE SHALL ATTAIN A MINIMUM STRENGTH OF 75% f'c BEFORE PLACING BACKFILL. WHERE WALLS ARE BACKFILLED ON ONE SIDE ONLY, CONCRETE ATTAIN A MINIMUM STRENGTH OF 100% f'c BEFORE PLACING BACKFILL.
20. WHERE CONCRETE WILL BE EXPOSED IN THE FINISHED PROJECT, ALL FORM TIES SHALL BE REMOVED, TIE HOLES FILLED, VOIDS & BUG HOLES FILLED. THE CONCRETE SURFACE SHALL BE RUBBED SMOOTH TO REMOVE FINS, PROTRUSIONS, HIGH SPOTS, FORM MARKINGS, ETC.
21. WHERE CONCRETE WILL BE COVERED WITH A MASONRY FACADE, INSTALL CAST–IN–PLACE DOVETAIL SLOTS FOR THE FULL HEIGHT OF THE SURFACE TO BE FINISHED. SPACE SLOTS 16" ON–CENTER.

SPECIFICATIONS

SPECIFICATION NOTES

1. GENERAL

A. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY FOR, AND INCIDENTAL TO, CONSTRUCTION OF THE WORK AS DEFINED HEREIN.

B. THE CONTRACTOR SHALL ACCEPT THE SITE IN THE CONDITION IN WHICH IT EXISTS AT THE TIME OF THE AWARD OF THE CONTRACT.

C. THE ENGINEER SHALL DETERMINE THE SUITABILITY OF MATERIALS THAT ARE TO BE USED IN THE WORK AND SHOULD ANY MATERIALS ENCOUNTERED BE UNSATISFACTORY FOR THE PURPOSE INTENDED, THEY SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE.

D. NOTIFY THE ENGINEER OF ANY UNEXPECTED CONDITIONS THAT WILL AFFECT THE WORK.

2. QUALITY ASSURANCE

A. THE CONTRACTOR SHALL PROVIDE AND PAY FOR ALL COSTS IN CONNECTION WITH AN APPROVED INDEPENDENT TESTING FACILITY TO DETERMINE CONFORMANCE OF MATERIALS WITH THE SPECIFICATIONS.

3. SUBMITTALS

A. SAMPLES: THE CONTRACTOR SHALL FURNISH MATERIAL SAMPLES TO THE TESTING LABORATORY FOR ANALYSIS AND REPORT, AS DIRECTED BY THE ENGINEER, OR AS OUTLINED IN THE SPECIFICATIONS.

B. SHOP DRAWINGS: PROVIDE PRODUCT CUT–SHEETS AND SHOP DRAWINGS TO THE ENGINEER FOR REVIEW, FOR ALL PRODUCTS AND MATERIALS TO BE INSTALLED IN THE WORK.

C. TEST RESULTS: THE TESTING LABORATORY SHALL SUBMIT WRITTEN REPORTS OF ALL TESTS, INVESTIGATIONS, AND RECOMMENDATIONS TO THE ENGINEER.

D. ALL SAMPLES, SHOP DRAWINGS, AND TEST RESULTS SHALL BE DELIVERED TO THE ENGINEER NO LATER THAN 14 WORKING DAYS PRIOR TO THE INSTALLATION OF SUCH PRODUCT. THE ENGINEER SHALL REVIEW AND RETURN THE SUBMITTALS WITHIN 10 WORKING DAYS OF RECEIPT.

4. PROTECTION OF SITE

A. LOCATE EXISTING UTILITIES IN AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING ALL WORK OPERATIONS. COMPLY WITH OSHA REQUIREMENTS.

B. COORDINATE INTERRUPTION AND/OR TERMINATION OF UTILITIES WITH THE UTILITY COMPANIES AND THE OWNER. PROVIDE A MINIMUM OF 48 HOURS NOTICE TO THE OWNER AND RECEIVE WRITTEN NOTICE TO PROCEED BEFORE INTERRUPTING ANY UTILITY.

C. REPAIR ANY DAMAGED UTILITIES AS ACCEPTABLE TO THE ENGINEER, AT NO ADDITIONAL COST TO THE OWNER.

D. BARRICADE OPEN EXCAVATIONS OCCURRING AS PART OF THIS WORK AND POST WITH WARNING SIGNS.

E. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY WORK OPERATIONS.

5. EARTHWORK

PRODUCTS

A. SELECT STRUCTURAL FILL: SOUND, DURABLE, SAND, GRAVEL, STONE, OR BLENDS OF THESE MATERIALS, FREE FROM ORGANIC, FROZEN OR OTHER DELETERIOUS MATERIALS, CONFORMING TO THE REQUIREMENTS OF NYSDOT SECTION 203–2.02C AND MEETING THE FOLLOWING GRADATION REQUIREMENTS:

SIEVE	PERCENT PASSING
4"	100
NO. 40	0–70
NO. 200	0–10

FINES PASSING NO. 200 SHALL BE NON–PLASTIC.
PARTICLE SIZE ANALYSIS SHALL SHOW NO GAP GRADING.

B. CRUSHED STONE: FREE FROM ORGANICS, ELONGATED PARTICLES OR OTHER DELETERIOUS MATERIALS, CONFORMING TO THE REQUIREMENTS OF NYSDOT SECTION 703–2 AND MEETING THE FOLLOWING GRADATION (NYSDOT, SIZE 2):

SIEVE	PERCENT PASSING
1–1/2"	100
1"	90–100
1/2"	0–15

C. SELECT GRANULAR MATERIAL: SOUND, DURABLE, SAND, GRAVEL, STONE OR BLENDS WITH THESE MATERIALS, FREE FROM ORGANIC, FROZEN, OR OTHER DELETERIOUS MATERIALS, CONFORMING TO THE REQUIREMENTS OF NYSDOT SECTION 304 AND MEETING THE FOLLOWING GRADATION (NYSDOT TYPE 4):

SIEVE	PERCENT PASSING
2"	100
1/4"	30–65
NO. 40	5–40
NO. 200	0–10

D. GEOTEXTILE: SUPAC 8NP BY PHILLIPS FIBERS CORPORATION, OR EQUAL.

E. SELECT GRANULAR MATERIAL SHALL BE USED IN LIEU OF SELECTED FILL AS DIRECTED BY THE ENGINEER.

EXCAVATION

A. EXCAVATE IN ACCORDANCE WITH LINES AND LEVELS SHOWN ON THE DRAWINGS AND AS NECESSARY FOR THE WORK. EXCAVATION LINES SHALL BE SUCH THAT SUFFICIENT CLEARANCE EXIST FOR THE PROPER EXECUTION OF THE WORK.

B. MAINTAIN THE SLOPES OF EXCAVATION IN SAFE CONDITION UNTIL COMPLETION OF THE BACKFILLING OPERATION, IN ACCORDANCE WITH OSHA REQUIREMENTS.

C. TRIM EXCAVATIONS TO THE REQUIRED LEVELS, AND LEAVE FREE FROM LOOSE OR ORGANIC MATTER. FILL OVER EXCAVATED AREAS UNDER STRUCTURE WITH MATERIAL AS APPROVED BY THE ENGINEER.

D. WHEN THE EXCAVATION HAS REACHED THE REQUIRED DEPTH, CONTRACTOR SHALL REQUEST APPROVAL OF THE BEARING SURFACE BY THE OWNER'S REP.

E. SLOPING SURFACES UNDER THE WORK WHERE REQUIRED, SHALL BE CUT IN STEPS AS INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER.

F. ANY EXCESS EXCAVATION SHALL BE REMOVED FROM THE SITE TO DISPOSAL AREAS AT THE CONTRACTOR'S EXPENSE.

DRAINAGE AND DEWATERING

A. PERFORM DEWATERING OPERATIONS TO MAINTAIN DRY WORKING CONDITIONS.

B. PREVENT SURFACE, SUBSURFACE OR GROUND WATER FROM FLOWING INTO EXCAVATION AND FROM FLOODING PROJECT AND SURROUNDING AREAS.

STRUCTURAL FILL, BACKFILL, AND COMPACTION

A. PLACE FILL AS DETAILED. ALL BACKFILL SHALL BE SELECTED FILL UNLESS OTHERWISE DIRECTED BY THE ENGINEER, OR SHOWN ON THE DRAWINGS.

B. AFTER APPROVAL OF THE SUBGRADE BY THE OWNER'S REP., THE GEOTEXTILE SHALL BE PLACED, WHERE SHOWN ON THE DRAWINGS, UPON THE SUBGRADE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE FOLLOWING:

1. INSTALL PRIOR TO PLACEMENT OF THE FIRST COURSE OF STRUCTURAL FILL.
2. JOIN BY EITHER SEWING OR OVERLAPPING. SEWN SEAMS SHALL BE LAPPED A MIN. OF 4 INCHES AND DOUBLE SEWN WITH NYLON OR POLYPROPYLENE. OVERLAPPING SEAMS SHALL HAVE A MIN. LAP OF 18 INCHES, EXCEPT WHEN PLACED UNDERWATER WHERE THE OVERLAP SHALL BE A MIN. OF 3 FEET.
3. FABRIC WHICH IS TORN OR DAMAGED SHALL BE REPLACED OR PATCHED. THE PATCH SHALL EXTEND 3 FEET BEYOND PERIMETER OF THE TEAR OR DAMAGE.
4. TRAFFIC OR CONSTRUCTION EQUIPMENT SHALL NOT BE PERMITTED DIRECTLY ON THE FABRIC. MAINTAIN A MINIMUM OF 8 INCHES LOOSE THICKNESS OF FILL ABOVE STABILIZATION FABRIC SUBJECT TO TRAFFIC.

C. PLACE MATERIALS IN LAYERS NOT MORE THAN 12" IN LOOSE DEPTH, LIFT HEIGHT SHALL BE GOVERNED BY THE ABILITY OF THE COMPACTION EQUIPMENT TO OBTAIN THE REQUIRED COMPACTION. MOISTEN OR AERATE EACH LAYER AS NECESSARY TO FACILITATE COMPACTION. DO NOT PLACE MATERIAL ON SURFACES THAT ARE MUDDY, FROZEN, OR CONTAIN FROST, ICE, PONDED WATER OR DEBRIS.

D. WHEN WORK IS SUSPENDED DURING PERIODS OF FREEZING WEATHER, PREVENT FILL ALREADY IN PLACE FROM FREEZING. UPON RESUMPTION OF WORK AFTER INCLEMENT WEATHER, PREPARE THE EXPOSED SURFACE BY PROOF ROLLING TO IDENTIFY ANY ZONES OF SOFT/LOOSE SOILS. SOFT/LOOSE MATERIALS OR FROZEN SOILS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

E. ALL FILL SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DENSITY.

F. IF THE SURFACE OF ANY LAYER BECOMES CONTAMINATED BY MUD OR UNSUITABLE MATERIALS, THE CONTAMINATED SOIL SHALL BE REMOVED.

G. FILL PLACEMENT SHALL BE SUSPENDED WHEN WET WEATHER PREVENTS PROPER OPERATION OF COMPACTION EQUIPMENT.

H. ADJACENT TO STRUCTURES, FILL SHALL BE PLACED IN A MANNER WHICH WILL PREVENT DAMAGE TO THE STRUCTURES AND WILL ALLOW THE STRUCTURES TO ASSUME THE LOADS FROM THE FILL GRADUALLY AND UNIFORMLY.

I. NO BACKFILLING OR COMPACTION SHALL TAKE PLACE AGAINST ANY CAST–IN– PLACE CONCRETE PRIOR TO ACHIEVING THE DESIRED DESIGN STRENGTH. HEAVY EQUIPMENT AND VIBRATORY COMPACTORS SHALL NOT BE OPERATED WITHIN 4 FEET OF ANY STRUCTURE.

J. EXCAVATED MATERIAL MEETING THE REQUIREMENTS OF SELECTED FILL SHALL BE RE–USED FOLLOWING OBTAINING THE REQUIRED MOISTURE CONTENT.

QUALITY CONTROL

A. PRE–CONSTRUCTION:

1. SUBMIT TO THE TESTING AGENCY A 100–POUND MINIMUM SAMPLE FROM EACH SOURCE. IF DIFFERENT MATERIAL GRADATIONS EXIST IN THE PIT, SAMPLES SHALL BE OBTAINED FOR EACH MATERIAL. SAMPLES SHALL BE MIXED AND REDUCED TO TEST SPECIMEN SIZE, IN ACCORDANCE WITH AASHTO T87. THE TESTS SHALL BE PERFORMED IN THE ORDER SHOWN. FAILURE TO PASS ANY TEST IS GROUNDS FOR DISQUALIFICATION AND SHALL LEAD TO CESSATION OF THE TEST PROGRAM FOR THAT MATERIAL.
   - A. PARTICLE SIZE ANALYSIS:
     - a. METHOD: AASHTO D422.
     - b. NUMBER OF TESTS: ONE (1) PER POTENTIAL SOURCE.
     - c. ACCEPTANCE: GRADATION WITHIN SPECIFIED LIMITS.
   - B. MAXIMUM DENSITY DETERMINATION:
     - a. METHOD: ASTM D698, STANDARD PROCTOR.
     - b. NUMBER OF TESTS: ONE (1) PER POTENTIAL SOURCE.
2. RE–ESTABLISH GRADATION AND MAXIMUM DENSITY OF FILL MATERIAL IF SOURCE IS CHANGED DURING CONSTRUCTION.

B. DURING CONSTRUCTIONFI

1. NOTIFY ENGINEER AT LEAST ONE WORKING DAY PRIOR TO ALL PHASES OF FILLING AND BACKFILLING OPERATIONS.ALL BE
2. COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING METHODS:
   - a. METHOD: AASHTO T191, SAND CONE METHOD
     AASHTO T238, NUCLEAR METHOD
   - b. NUMBER OF TESTS: ONE (1) PER 8" VERTICAL LIFT.

C. THE ENGINEER MAY DIRECT ADDITIONAL TESTS TO ESTABLISH GRADATION, MAXIMUM DENSITY, AND IN–PLACE DENSITY AS REQUIRED BY WORKING CONDITIONS, AT THE CONTRACTOR'S EXPENSE.

D. ACCEPTANCE CRITERIA: THE SOLE CRITERION FOR ACCEPTABILITY OF IN–PLACE FILL SHALL BE IN–SITU DRY DENSITY. MINIMUM DRY DENSITY FOR ALL FILL OR BACKFILL SHALL BE 95 PERCENT OF THE MAXIMUM DRY DENSITY. IF A TEST FAILS TO QUALIFY, THE FILL SHALL BE FURTHER COMPACTED AND RE–TESTED. SUBSEQUENT TEST FAILURES SHALL BE FOLLOWED BY REMOVAL AND REPLACEMENT OF THE MATERIAL.

6. CONCRETE

SUBMITTALS

A. PRODUCT DATA FOR PROPRIETARY MATERIALS, INCLUDING REINFORCEMENT AND FORMING ACCESSORIES, ADMIXTURES, JOINT SYSTEMS, CURING COMPOUNDS, AND OTHERS AS REQUESTED.

B. SHOP DRAWINGS FOR REINFORCEMENT, FABRICATION, AND PLACEMENT OF CONCRETE REINFORCEMENT. COMPLY WITH ACI SP–66 (88), "ACI DETAILING MANUAL".

C. LABORATORY TEST REPORTS FOR CONCRETE MATERIALS AND MIX DESIGN TESTS.

QUALITY ASSURANCE

A. CODES AND STANDARDS: COMPLY WITH THE FOLLOWING:
1. ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
2. CONCRETE REINFORCING STEEL INSTITUTE (CRSI), "MANUAL OF STANDARD PRACTICE."
3. ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS."

B. CONCRETE TESTING SERVICE: ENGAGE A TESTING LABORATORY TO PERFORM MATERIAL TESTS AND TO DESIGN CONCRETE MIXES.

C. NOTIFY THE OWNER'S REPRESENTATIVE 48 HOURS BEFORE PLACING CONCRETE TO ALOW FOR INSPECTION OF FORMWORK, REINFORCING, AND RELATED ITEMS PRIOR TO CONCRETE PLACEMENT.

PRODUCTS

A. FORM MATERIALS:

1. EXPOSED: PLYWOOD, METAL, OR OTHER PANEL–TYPE MATERIALS, TO PROVIDE CONTINUOUS, STRAIGHT, SMOOTH, SURFACES. USE OVERLAID PLYWOOD COMPLYING PS–1 "A–C OR B–B HIGH DENSITY OVERLAID CONCRETE FORM," CLASS I.
2. UNEXPOSED: PLYWOOD, LUMBER, METAL, OR OTHER MATERIAL. PROVIDE LUMBER DRESSED ON 2 EDGES AND ONE SIDE FOR TIGHT FIT
3. CYLINDRICAL COLUMNS: PAPER OR FIBER TUBES OF LAMINATED PLIES WITH WATER RESISTANT ADHESIVE AND WAX–IMPREGNATED EXTERIOR FOR MOISTURE PROTECTION.
4. FORM COATINGS: COMPOUNDS WITH A MAXIMUM VOC OF 350 MG/L.
5. FORM TIES: FACTORY–FABRICATED, ADJUSTABLE–LENGTH, REMOVABLE OR SNAP–OFF METAL FORM TIES. PROVIDE TIES THAT, LEAVE HOLES NOT LARGER THAN 1–INCH DIAMETER IN CONCRETE SURFACE.

B. REINFORCING MATERIALS:

1. REINFORCING BARS: ASTM A 615, GRADE 60, DEFORMED.
2. STEEL WIRE: ASTM A 82, PLAIN, COLD–DRAWN STEEL.
3. WELDED WIRE FABRIC: ASTM A 185.
4. WELDED DEFORMED STEEL WIRE FABRIC: ASTM A 497.
5. SUPPORTS FOR REINFORCEMENT: WIRE–BAR–TYPE SUPPORTS COMPLYING WITH CRSI SPECS.

C. CONCRETE MATERIALS

1. PORTLAND CEMENT: ASTM C 150, TYPE I OR TYPE II.
2. NORMAL WEIGHT AGGREGATES: ASTM C 33.
3. WATER: DRINKABLE.
4. ADMIXTURES, GENERAL: PROVIDE ADMIXTURES THAT CONTAIN NOT MORE THAN 0.1 PERCENT CHLORIDE IONS.
5. AIR–ENTRAINING: ASTM C 260.
6. WATER–REDUCING ADMIXTURE: ASTM C 494.

D. RELATED MATERIALS

1. ABSORPTIVE COVER: JUTE OR KENAF BURLAP, COMPLYING WITH AASHTO M 182.
2. MOISTURE–RETAINING COVER: WATERPROOF PAPER, POLYETHYLENE FILM, OR POLYETHYLENE–COATED BURLAP COMPLYING WITH ASTM C 171.
3. BONDING COMPOUND: POLYVINYL ACETATE OR ACRYLIC BASE.
   - A. "SUPERIOR CONCRETE BONDER," DAYTON SUPERIOR CORP.
   - B. "EUCO WELD," EUCLID CHEMICAL CO.
   - C. "WELD–CRETE," LARSEN PRODUCTS CORP.
4. EPOXY ADHESIVE: ASTM C 881. PROVIDE MATERIAL "TYPE," "GRADE," AND "CLASS" TO SUIT PROJECT REQUIREMENTS.
   - A. "CONCRESIVE 1001," MASTER BUILDERS, INC.
   - B. "SIKADUR 32 HI–MOD," SIKA CORP.
5. EPOXY JOINT FILLER: 100% SOLID SEMI–RIGID EPOXY COMPOUND WITH A MIN SHORE D HARDNESS OF FIFTY (50) ACCEPTABLE ARE:
   - A. "EUCO EPOXY #700," EUCLID CHEMICAL CO.
   - B. "SIKADUR LO–MOD MORTAR," SIKA CHEMICAL CORP.
6. PREFORMED JOINT FILLER: ASTM D1751 M FEDERAL SPECIFICATION TT–S–227.
7. JOINT SEALER: CONFORM TO ASTM D1850 OR FEDERAL SPECIFICATION SS–S–1401.

DESIGN OF MIXES

A. PREPARE DESIGN MIXES AS SPECIFIED IN ACI 301.

B. DESIGN MIXES TO PROVIDE NORMAL WEIGHT CONCRETE WITH THE FOLLOWING PROPERTIES: 3000–PSI, 28–DAY COMPRESSIVE STRENGTH; W/C RATIO, 0.58 MAXIMUM (NON–AIR–ENTRAINED), 0.45 MAXIMUM (AIR–ENTRAINED).

C. USE NONCHLORIDE ACCELERATING ADMIXTURE IN SLABS PLACED AT TEMPERATURES BELOW 50 DEGREES.

D. USE AIR–ENTRAINING ADMIXTURE IN EXTERIOR CONCRETE. ADD AIR–ENTRAINING ADMIXTURE AT MANUFACTURER'S PRESCRIBED RATE TO RESULT IN CONCRETE AT POINT OF PLACEMENT HAVING TOTAL AIR CONTENT OF 4.5% WITH A TOLERANCE OF PLUS OR MINUS 1–1/2%. CONCRETE NOT EXPOSED TO FREEZING, SHALL HAVE 2% TO 4% AIR.

E. SLUMP LIMITS: AS FOLLOWS:
1. RAMPS, SLABS, AND SLOPING SURFACES: NOT MORE THAN 3 INCHES.
2. REINFORCED FOUNDATION SYSTEMS: BETWEEN 1 INCH AND 3 INCHES.
3. OTHER CONCRETE: NOT MORE THAN 4 INCHES.

F. READY–MIX CONCRETE: COMPLY WITH REQUIREMENTS OF ASTM C 94.

EXECUTION

A. WELDING OR TACKWELDING OF REINFORCEMENT SHALL NOT BE ALLOWED.

B. CONSTRUCTION JOINTS: LOCATE AND INSTALL CONSTRUCTION JOINTS AS INDICATED OR, IF NOT INDICATED, LOCATE SO AS NOT TO IMPAIR STRENGTH AND APPEARANCE OF THE STRUCTURE, AS ACCEPTABLE TO ENGINEER.

C. USE BONDING AGENT ON EXISTING CONCRETE SURFACES THAT WILL BE JOINED WITH FRESH CONCRETE.

D. CONCRETE PLACEMENT: COMPLY WITH ACI 304, "RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE," AND AS HEREIN SPECIFIED.

E. FLOAT FINISH: APPLY FLOAT FINISH TO SLABS.

F. TROWEL FINISH: APPLY TROWEL FINISH TO SLABS EXPOSED TO VIEW AND SURFACES TO BE COVERED WITH RESILIENT FLOORING, CARPET, CERAMIC OR QUARRY TILE, PAINT, OR OTHER THIN FILM FINISH COATING SYSTEM.

G. NONSLIP BROOM FINISH: APPLY NONSLIP BROOM FINISH TO EXTERIOR CONCRETE PLATFORMS, STEPS, AND RAMPS, AND ELSEWHERE AS INDICATED.

CONCRETE CURING AND PROTECTION

A. PROVIDE MOISTURE CURING BY FOLLOWING METHODS.
1. KEEP CONCRETE SURFACE WET BY COVERING WITH WATER.
2. USE CONTINUOUS WATER–FOG SPRAY.
3. COVER SURFACE WITH SPECIFIED ABSORPTIVE COVER, SATURATE COVER WITH WATER, AND KEEP CONTINUOUSLY WET.

B. PROVIDE CURING AND SEALING COMPOUND TO SLABS, WALKS, AND CURBS. APPLY SPECIFIED CURING AND SEALING COMPOUND TO CONCRETE AS SOON AS FINISHING OPERATIONS ARE COMPLETE.

QUALITY CONTROL TESTING DURING CONSTRUCTION

A. THE CONTRACTOR WILL EMPLOY A TESTING AGENCY TO PERFORM TESTS AND TO SUBMIT TEST REPORTS. SAMPLING AND TESTING FOR QUALITY CONTROL DURING PLACEMENT OF CONCRETE MAY INCLUDE THE FOLLOWING, AS DIRECTED BY ENGINEER.

1. SAMPLING FRESH CONCRETE: ASTM C 172, EXCEPT MODIFIED FOR SLUMP TO COMPLY WITH ASTM C 94.
   - A. SLUMP: ASTM C 143; ONE TEST AT POINT OF DISCHARGE FOR EACH DAY'S POUR AND EACH SET OF COMPRESSIVE STRENGTH TEST SPECIMENS
   - B. AIR CONTENT: ASTM C 173, VOLUMETRIC METHOD FOR NORMAL WEIGHT CONCRETE; ASTM C 231 PRESSURE METHOD FOR NORMAL WEIGHT CONCRETE; ONE FOR EACH DAY'S POUR AND EACH SET OF COMPRESSIVE STRENGTH TEST SPECIMENS.
   - C. CONCRETE TEMPERATURE: EACH TIME A SET OF COMPRESSION TEST SPECIMENS IS MADE.
   - D. COMPRESSIVE STRENGTH TESTS: ASTM C 39; ONE SET FOR EACH DAY'S POUR EXCEEDING 5 CU. YDS. PLUS ADDITIONAL SETS FOR EACH 50 CU. YDS. MORE THAN THE FIRST 25 CU. YDS. OF EACH CLASS PLACED IN ANY DAY; OR FOR EACH 5,000 SF OF SURFACE AREA PLACED ONE TESTED AT 7 DAYS, TWO SPECIMENS TESTED AT 28 DAYS, AND ONE SPECIMEN RETAINED IN RESERVE FOR LATER TESTING IF REQUIRED.
   - E. WHEN FREQUENCY OF TESTING WILL PROVIDE FEWER THAN 5 STRENGTH TESTS FOR A GIVEN CLASS OF CONCRETE, CONDUCT TESTING FROM AT LEAST 5 RANDOMLY SELECTED BATCHES OR FROM EACH BATCH IF FEWER THAN 5 ARE USED.
2. TEST RESULTS WILL BE REPORTED IN WRITING TO ENGINEER, READY–MIX PRODUCER, AND CONTRACTOR WITHIN 24 HOURS AFTER TESTS. REPORTS OF COMPRESSIVE STRENGTH TESTS SHALL CONTAIN THE PROJECT IDENTIFICATION NAME AND NUMBER, DATE OF CONCRETE PLACEMENT, NAME OF CONCRETE TESTING SERVICE, CONCRETE TYPE AND CLASS, LOCATION OF CONCRETE BATCH IN STRUCTURE, DESIGN COMPRESSIVE STRENGTH AT 28 DAYS, CONCRETE MIX PROPORTIONS AND MATERIALS, COMPRESSIVE BREAKING STRENGTH, AND TYPE OF BREAK FOR BOTH 7–DAY TESTS AND 28–DAY TESTS.

7. STRUCTURAL STEEL

SUBMITTALS

A. PRODUCT DATA FOR PROPRIETARY MATERIALS, INCLUDING BOLTS, ANCHOR BOLTS, PRIMER, PAINT, AND OTHERS AS REQUESTED BY THE ENGINEER.

B. SHOP DRAWINGS FOR ALL STRUCTURAL MEMBERS, FABRICATION, AND PLACEMENT.

C. LABORATORY TEST REPORTS FOR STEEL MATERIALS.

QAULITY ASSURANCE

A. CODES AND STANDARDS: COMPLY WITH THE FOLLOWING:
1. GENERAL: AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN, LATEST EDITION.
2. WELDING: AWS D1.1 "STRUCTURAL WELDING CODE", LATEST EDITION

B. CONTRACTOR SHALL ENGAGE AN INDEPENDENT TESTING AND INSPECTION AGENCY TO INSPECT HIGH–STRENGTH BOLTED CONNECTIONS AND WELDED CONNECTIONS AND TO PERFORM MATERIAL TESTS AND PREPARE WRITTEN REPORTS.

C. TESTING AGENCY SHALL CONDUCT AND INTERPRET TESTS. THEY SHALL STATE IN EACH WRITTEN REPORT WHETHER TEST SPECIMENS COMPLY WITH REQUIREMENTS AND SPECIFICALLY STATE AND DEVIATIONS THEREFROM.

D. TESTING AGENCY SHALL PERFORM THE FOLLOWING TESTS:
1. BOLTED CONNECTIONS: INSPECT AND/OR TEST IN ACCORDANCE WITH AISC.
2. WELDED CONNECTIONS: INSPECT AND TEST DURING FABRICATION OF STRUCTURAL STEEL ASSEMBLIES AS FOLLOWS:
   - A. CERTIFY WELDERS AND CONDUCT INSPECTIONS AND TESTS AS REQUIRED. RECORD TYPES AND LOCATIONS OF DEFECTS FOUND IN WORK. RECORD WORK REQUIRED AND PERFORMED TO CORRECT.
   - B. PERFORM VISUAL INSPECTION OF ALL WELDS.
   - C. PERFORM TESTS OF WELDS AS FOLLOWS. INSPECTION PROCEDURES LISTED ARE TO BE USED AT CONTRACTOR'S OPTION.
     - 1. LIQUID PENETRANT: ASTM E 165
     - 2. ULTRASONIC: ASTM E 164

PRODUCTS

A. STEEL:
1. STRUCTURAL STEEL SHAPES AND PLATES: A992 50ksi
2. STEEL TUBING: ASTM A500, GRADE B (Fy=46 KSI)
3. STEEL PIPE: ASTM A53, TYPE E OR S, GRADE B; OR ASTM A501
4. BOLTS, NUTS, WASHERS (EXCLUDING ANCHOR BOLTS): ASTM A325, TYPE N (UNO), TYPE SC FOR BRACING AND MOMENT CONNECTIONS.
5. ANCHOR BOLTS: A307

B. WELD ELECTRODES: E70 AND IN ACCORDANCE WITH AWS.

C. PRIMER: FABRICATOR'S STANDARD RED OXIDE SHOP PRIMER.

EXECUTION

A. PRIOR TO START OF FABRICATION, FIELD MEASURE AND CONFIRM ALL DIMENSIONS AND DETAILS FOR THE WORK JOINING OR ABUTTING EXISTING STRUCTURES.

B. PRIOR TO DELIVERY AND INSTALLATION OF COLUMNS, CONFIRM ADEQUACY OF BASE PLATES TO FIT WITH ANCHOR BOLTS.

C. DELIVER AND STORE ALL STEEL TO BE USED IN THE WORK IN A TIMELY, SAFE MANNER. PIECES THAT ARE ALLOWED TO BECOME DAMAGED WILL BE REMOVED FROM THE PROJECT AND REPLACED AT THE CONTRACTOR'S COST.

D. SET ALL STEEL STRAIGHT AND PLUMB, PROVIDE ADEQUATE TEMPORARY BRACING, TIE–BACKS, ETC. TO MAINTAIN STRUCTURAL STEEL ALIGNMENT UNTIL FINISHED WORK IS COMPLETE AND PERMANENT BRACING IS IN PLACE.

E. WHERE WORK IS TO BE FIELD WELDED, STOP OR REMOVE ALL PAINT, OIL, ETC. WITHIN TWO INCHES OF THE WELD AREA. AFTER WELD IS COMPLETE, REMOVE SLAG AND TOUCH–UP PAINT.

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/1/2021

Drawing Title :
NOTES & SPECS
PEEKSKILL HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : MJK

Drawing Number :
S
001

SPECIAL INSPECTIONS

SPECIAL INSPECTION NOTES:

1. THE CONTRACTOR WILL ENGAGE THE SERVICES OF A QUALIFIED SPECIAL INSPECTOR FOR THIS PROJECT, WHO WILL PROVIDE AND/OR COORDINATE INSPECTION AND TESTING REQUIREMENTS AS NECESSARY IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 17 OF THE NYS BUILDING CODE.
2. THE ENGINEER HAS PREPARED A STATEMENT OF SPECIAL INSPECTIONS, INCLUDING THE SCHEDULE OF SPECIAL INSPECTIONS, TO BE SUBMITTED WITH THE CONTRACT DOCUMENTS AND THE APPLICATION FOR BUILDING PERMIT TO THE CODE ENFORCEMENT OFFICIAL.
3. REFER TO THE SCHEDULE OF SPECIAL INSPECTIONS AND TO THE SPECIFICATIONS FOR REQUIRED SPECIAL INSPECTIONS AND TESTING. SPECIAL INSPECTIONS AND TESTING SHALL BE CONTINUOUS OR PERIODIC DURING THE PERFORMANCE OF THE WORK, AS NOTED.
4. THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING WITH THE ENGINEER, SPECIAL INSPECTOR, TESTING AGENCY, AND AFFECTED SUBCONTRACTORS TO REVIEW THE REQUIRED SPECIAL INSPECTION AND TESTING REQUIREMENTS FOR THE PROJECT. THE CONTRACTOR SHALL DISTRIBUTE CONSTRUCTION SCHEDULES TO EACH ATTENDEE.
5. THE SPECIAL INSPECTOR SHALL SUBMIT INTERIM REPORTS AND, AT COMPLETION OF SPECIAL INSPECTIONS, A FINAL STATEMENT OF SPECIAL INSPECTIONS. REPORTS SHALL BE STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER.
6. THE SPECIAL INSPECTOR SHALL NOTIFY THE CONTRACTOR IMMEDIATELY OF DISCREPANCIES, SUBSEQUENT REPORTS SHALL NOTE WHEN AND HOW DEFICIENCIES WERE CORRECTED. THE SPECIAL INSPECTOR SHALL NOTIFY THE ENGINEER AND THE CODE ENFORCEMENT OFFICIAL OF DISCREPANCIES WHICH HAVE NOT BEEN CORRECTED.
7. THE CONTRACTOR SHALL COOPERATE WITH THE SPECIAL INSPECTOR INCLUDING ADVANCE NOTIFICATION OF REQUIRED SPECIAL INSPECTION OR TEST, INCIDENTAL LABOR AND SAFE ACCESS TO THE WORK AREAS, AND ACCESS TO THE CONTRACT DOCUMENTS SO THAT INSPECTIONS AND TESTING MAY BE PERFORMED WITHOUT HINDRANCE.
8. THE SPECIAL INSPECTION PROGRAM SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE OBLIGATION TO PERFORM THE WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OR FROM IMPLEMENTING AN EFFECTIVE QUALITY CONTROL PROGRAM.

KEY:

AGENT NO.	INSPECTOR
1	SPECIAL INSPECTOR
2	GEOTECHNICAL ENGINEER/INSPECTOR
3	TESTING/INSPECTING AGENCY
4	ARCHITECT/ENGINEER
	KEY OF MINIMUM QUALIFICATIONS OF INSPECTION AGENTS (MQIA)
PE	PROFESSIONAL ENGINEER
EIT	ENGINEER IN TRAINING
ACI	AMERICAN CONRETE INSTITUTE CERTIFIED CONCRETE FIELD TESTING TECHNICIAN
AWS	AMERICAN WELDING SOCIETY CERTIFIED WELDING INSPECTOR
ASNT	AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING-LEVEL II OR III

SOILS AND FOUNDATIONS:

VERIFICATION/INSPECTION	AGENT NO. / MQIA	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. SOILS a. VERIFY SOIL PREPARATION; REVIEW PROOF ROLLING. b. REVIEW SUBMITTALS FOR FILL MATERIAL. c. VERIFY USE OF FILL MATERIAL AND LIFT THICKNESS IN FIELD. d. REVIEW FOOTING BEARING STRATA. e. REVIEW SLAB SUBGRADE AND SUBBASE PREPARATION.	 2/PE 2/PE 2 OR 3 2/PE 2/PE	 – – – – –	 X X X X X		 1704.7.1 1704.7.2 1704.7.2
2. COMPACTION TESTING ONE TEST FOR EACH SPREAD FOOTING, FOR EACH 20-FOOT LENGTH OF STRIP FOOTING, AND FOR EACH 2000 SF OF BUILDING AREA.	3	–	X		1704.7.3
3. MOISTURE CONTENT TESTING OF SLAB SUBBASE. ONE TEST FOR EACH 2000 SF OF BUILDING AREA. MINIMUM OF FOUR TESTS PER AREA.	3	–	X		ASTM F 1869

CAST-IN-PLACE CONCRETE:

VERIFICATION/INSPECTION	AGENT NO. / MQIA	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL. a. FOOTINGS AND FROST WALLS. b. RETAINING AND BASEMENT WALLS. c. SLABS ON GRADE AND DECK.	1	 – – –	 X 25% X 50% X 25%	ACI 318: 3.5, 7.1–7.7	1903.5, 1907.1, 1907.7, 1914.4
2. INSPECT BOLTS AND ANCHOR RODS INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE: a. WHERE ALLOWABLE LOADS HAVE BEEN INCREASED. b. AT COLUMNS IN BRACED FRAMES, MOMENT FRAMES, & WHERE RODS ARE SUBJECT TO SHEAR OR TENSION.	1	X	–		1912.5
3. VERIFYING USE OF REQUIRED DESIGN MIX.	3	X	–	ACI 318: CH. 4, 5.2–5.4	1904, 1905.2, 1905.4, 1914.2, 1914.3
4. SAMPLING FRESH CONCRETE AND PERFORMING SLUMP, AIR CONTENT, UNIT WEIGHT, AND DETERMINING THE TEMPERATURE OF FRESH CONCRETE AT THE TIME OF MAKING SPECIMENS FOR STRENGTH TESTS.	3/ACI	X	–	ASTM C172 ASTM C31 ACI 318: 5.6, 5.8	1905.6, 1914.10
5. INSPECTION OF CONCRETE FOR PROPER APPLICATION TECHNIQUES.	1 OR 3/ACI	X	–	ACI 318: 5.9, 5.10	1905.9, 1905.10, 1914.6, 1914.7, 1914.8
6. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	1 OR 3/ACI	X	–	ACI 318: 5.11–5.13	1905.11, 1905.13, 1914.9
7. SLAB TESTING: a. FLOOR FLATNESS AND LEVELNESS. b. MOISTURE VAPOR EMISSION AND ALKALINITY.	 3 3	 – –	 X 100% X 100%	ASTM E 1155 ASTM F 1869	

STRUCTURAL STEEL:

VERIFICATION/INSPECTION	AGENT NO. / MQIA	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. VERIFY THAT FABRICATOR(S) MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES. REVIEW PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS FOR THE FABRICATOR'S SCOPE OF WORK.	1	–	X		1704.2
2. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS, & WASHERS: a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS. b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	 3 1	–	X 100%	APPLICABLE ASTM MATERIAL SPECIFICATIONS; AISC ASD, A3.4; AISC LRFD, A3.3	
3. INSPECTION OF HIGH-STRENGTH BOLTING: a. BEARING-TYPE CONNECTIONS. b. SLIP-CRITICAL CONNECTIONS.	 3 3	 – X	 X 100% –	AISC LRFD SECTION M2.5	1704.3.3
4. MATERIAL VERIFICATION OF STRUCTURAL STEEL: a. IDENTIFICATION MARKING TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS. b. MANUFACTURER'S CERTIFIED MILL TEST REPORTS REQUIRED.	 3 1	 – –	 X 100% X 100%	 ASTM A 6 OR ASTM A568 ASTM A 6 OR ASTM A568	1708.4
5. PERFORM PULL-OUT TESTS ON DRILLED-IN ANCHORS. a. TEST 10% OF ANCHORS TO LOAD OF 50% OF ALLOWABLE PULL-OUT STRENGTH. b. TEST 100% OF ANCHORS BY PULLING WITH HAMMER.	3	–	X		
6. MATERIAL VERIFICATION OF WELD FILLER MATERIALS: a. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED DOCUMENTS. b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	 3/AWS 1	–	X (DURING WELD INSPECTION)	AISC, ASD, A3.6; AISC, LRFD, A3.5	
7. INSPECTION OF WELDING: a. STRUCTURAL STEEL 1. COMPLETE & PARTIAL PENETRATION GROOVE WELDS. 2. MULTI-PASS FILLET WELDS. 3. SINGLE-PASS FILLET WELDS>$\frac{5}{16}$". 4. SINGLE-PASS FILLET WELDS>$\frac{5}{16}$". 5. FLOOR AND DECK WELDS & SHEAR CONNECTOR WELDS.	 3/AWS 3/AWS 3/AWS 3/AWS 3/AWS	 X X X – –	 – – – X 100% X 100%	AWS D1.1 AWS D1.3	1704.3.1
8. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED DOCUMENTS. a. DETAILS SUCH AS BRACING & STIFFENING. b. MEMBER LOCATIONS. c. APPLICATION OF JOINT DETAILS AT CONNECTIONS.	 1/PE 1 1	–	X 100%		1704.3.2
9. INSPECT CONDITION OF ERECTED MATERIALS.	1 AND 3	–	X 100%		1704.2
10. VERIFY COLUMN PLUMBNESS & SPLICES.	3	–	X 100%		

WALL PANELS AND VENEERS:

VERIFICATION/INSPECTION	AGENT NO. / MQIA	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE	ACI 530/ ASCE 5/ TMS 402*	ACI 530.1/ ASCE 6/ TMS 602*
1. ARCHITECTURAL WALL PANELS a. INTERIOR b. EXTERIOR	 4 4	 – –	 X 25% X 25%		1704.10		
2. MASONRY VENEER (SEE 3–6).					1704.5		
3. AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE: a. PROPORTIONS OF SITE-PREPARED MORTAR. b. CONSTRUCTION OF MORTAR JOINTS. c. LOCATION OF REINFORCEMENT AND CONNECTORS.	 3 1 OR 4 1 OR 4	–	X (FIRST FIVE DAYS OF MASONRY CONSTRUCTION)		–	–	 ART. 2.6A ART. 3.3B ART. 3.4 AND 3.6A
4. THE INSPECTION PROGRAM SHALL VERIFY: a. SIZE AND LOCATION OF STRUCTURAL ELEMENTS. b. TYPE, SIZE, AND LOCATION OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION. c. SPECIFIED SIZE, GRADE, AND TYPE OF JOINT REINFORCEMENT. d. PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F)	 1 OR 4 1 OR 4 1 OR 4 1 OR 4	–	X (TWICE A WEEK OR EVERY 2,500 SF OF WALL.)		 2108.9.2.11 ITEM 2 2104.3, 2104.4	 1.15.4, 2.1.2 1.12	 3.3G ART. 2.4, 3.4 ART. 1.8
5. PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS SHALL BE OBSERVED.	3	–	X (FOR EACH 5,000 SF OF WALL AREA)		2105.3, 2105.4, 2105.5	–	ART. 3.5
6. COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.	1 OR 4	–	X		–	–	ART. 1.5

*THE SPECIFIC STANDARDS REFERENCED ARE THOSE LISTED IN CHAPTER 35.

COLD-FORMED METAL FRAMING:

VERIFICATION/INSPECTION	AGENT NO. / MQIA	CONTINUOUS	PERIODIC	REFERENCED STANDARD	BC-NYS REFERENCE
1. FABRICATOR CERTIFICATION/ QUALITY CONTROL PROCEDURES FOR WALL PANELS.	1	–	X		1704.2
2. MEMBER SIZES AND MATERIAL THICKNESS (3 RANDOM TESTS FOR EACH MEMBER TYPE, SIZE, AND GUAGE). a. MEMBER SIZE AND GAUGE. b. GALVANIZED COATING.	3	–	X		ASTM A 90
3. MATERIAL PROPERTIES AND CONDITION OF ERECTED FRAMING.	1 AND 3	–	X		
4. MECHANICAL CONNECTIONS.	1 AND 3	–	X 10%		
5. WELDING.	3/AWS	–	X 10%		
6. FRAMING AND DETAILS.	1	–	X 10%		
7. PERFORM PULL-OUT TESTS ON DRILLED-IN ANCHORS. a. TEST 10% OF ANCHORS TO LOAD OF 50% OF ALLOWABLE PULL-OUT STRENGTH. b. TEST 100% OF ANCHORS BY PULLING WITH HAMMER.	3	–	X		

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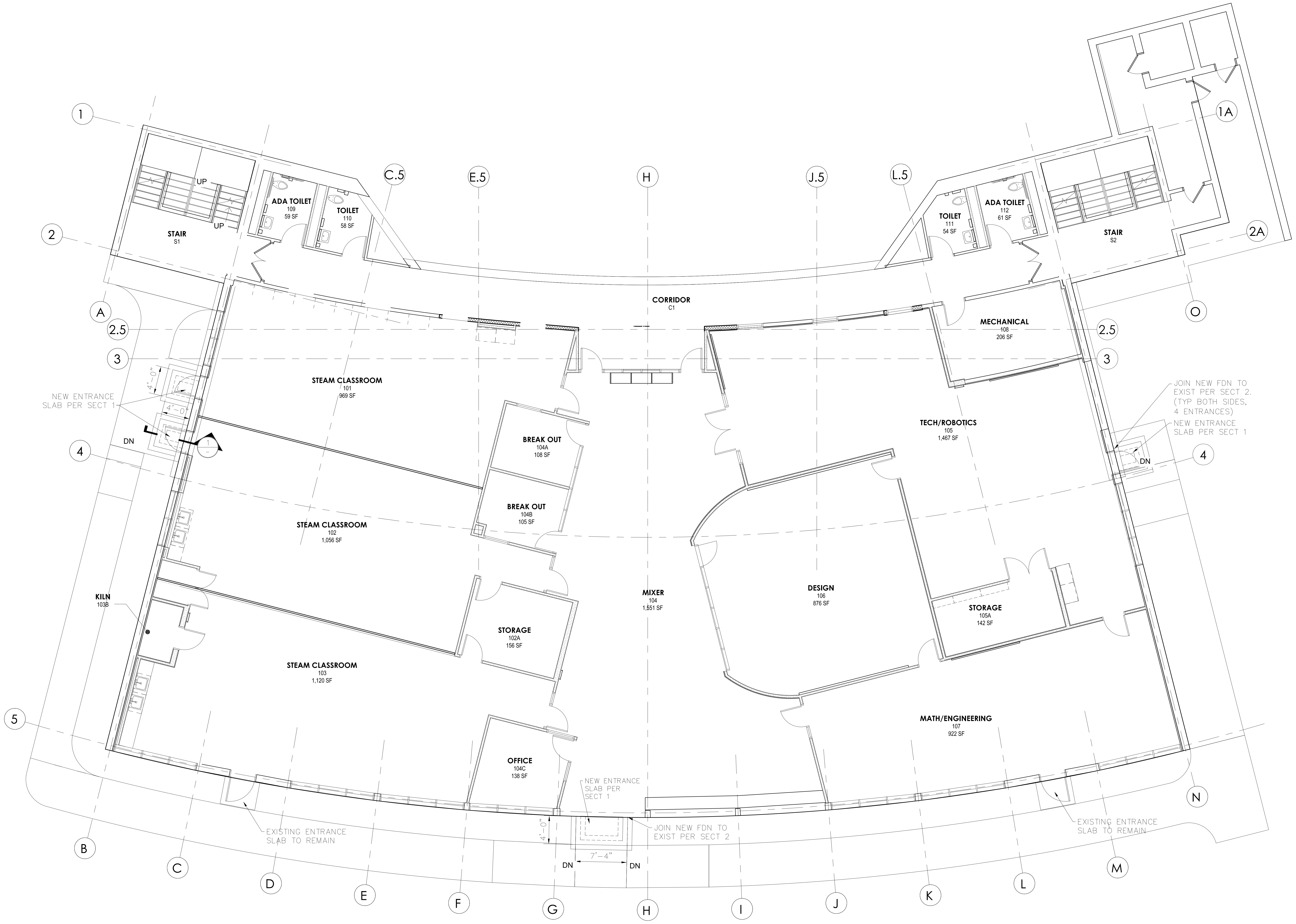
Alterations to School District Facilities
Phase Two
Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/1/2021

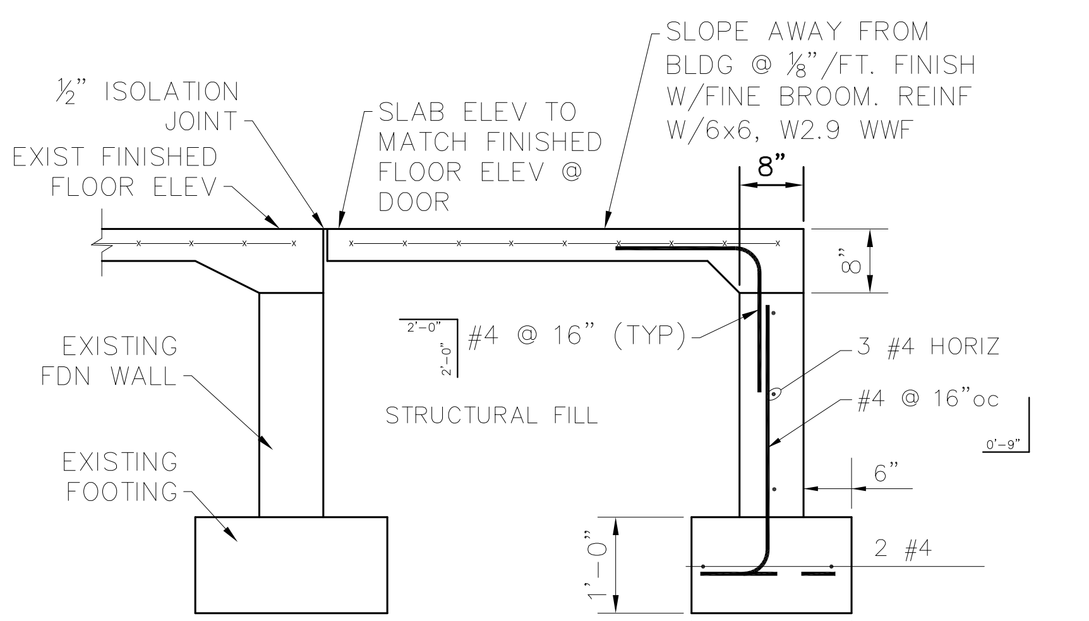
Drawing Title :
SPECIAL INSPECTIONS
PEEKSKILL HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : MJK

Drawing Number :
S
002

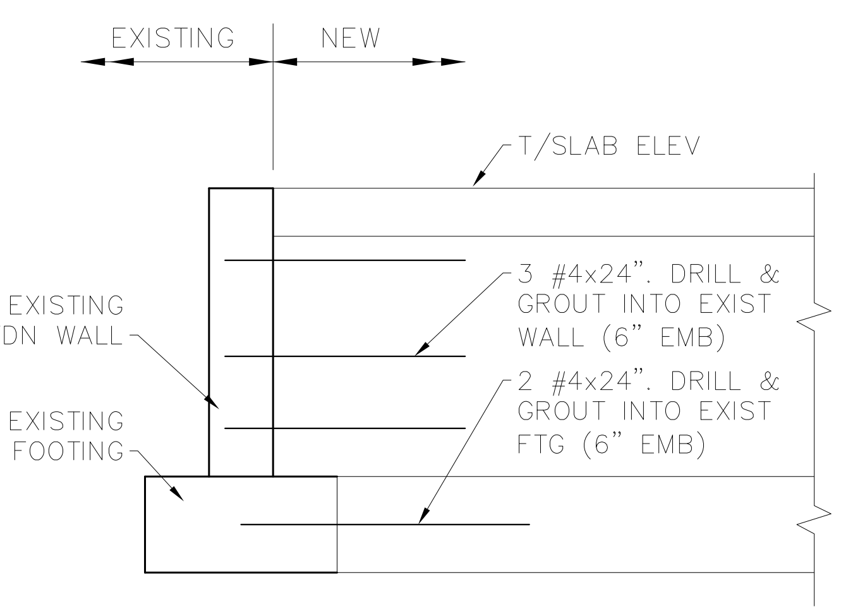


LOWER LEVEL FOUNDATION PLAN


½" ISOLATION JOINT
EXIST FINISHED FLOOR ELEV
SLAB ELEV TO MATCH FINISHED FLOOR ELEV @ DOOR
SLOPE AWAY FROM BLDG @ ⅛"/FT. FINISH W/FINE BROOM. REINF W/6x6, W2.9 WWF
8"
8"
2'-0"
2'-0"
#4 @ 16" (TYP)
3 #4 HORIZ
#4 @ 16"oc
0'-9"
6"
EXISTING FDN WALL
STRUCTURAL FILL
EXISTING FOOTING
1'-0"
2 #4
1'-8"

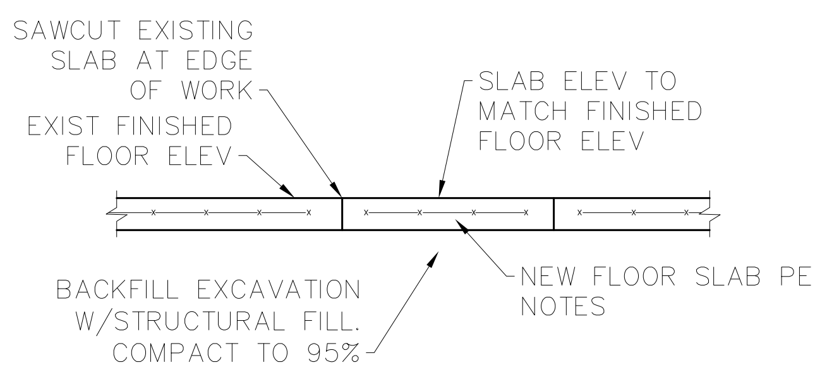
1 FOUNDATION AT NEW ENTRANCE

NTS


EXISTING
NEW
T/SLAB ELEV
3 #4x24". DRILL & GROUT INTO EXIST WALL (6" EMB)
EXISTING FDN WALL
2 #4x24". DRILL & GROUT INTO EXIST FTG (6" EMB)
EXISTING FOOTING

2 NEW-to-EXIST FOUNDATION

NTS


SAWCUT EXISTING SLAB AT EDGE OF WORK
EXIST FINISHED FLOOR ELEV
SLAB ELEV TO MATCH FINISHED FLOOR ELEV
BACKFILL EXCAVATION W/STRUCTURAL FILL. COMPACT TO 95%
NEW FLOOR SLAB PER NOTES

3 SLAB-ON-GRADE REPLACEMENT

NTS

NOTES:
1. SEE ARCHITECTURAL FOR LOCATION OF FLOOR REMOVALS.
2. SAWCUT AT PERIMETER OF WORK AREA. LAYOUT CUTS AS REQUIRED TO ALLOW FOR ADEQUATE WORK AREA WITHIN THE EXCAVATIONS. TURNS IN WORK AREA PERIMETER SHALL HAVE MINIMUM RETURN ANGLE OF 90°.
3. NEW FLOOR SLAB SHALL MATCH THICKNESS AND FINISHED FLOOR ELEVATION OF ADJACENT, EXISTING SLABS.
4. REINFORCE NEW CONCRETE WITH 6x6, W2.9xW2.9 WELDED WIRE FABRIC. LOCATE FABRIC AT CENTER OF SLAB.
5. PROVIDE 10mil POLY VAPOR BARRIER BELOW CONCRETE.
6. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3ksi AND SHALL INCLUDE AIR ENTRAINMENT ADDITIVES.
7. FINISH CONCRETE IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLOOR FINISH SPECIFICATIONS.

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/1/2021

Drawing Title :
LOWER LEVEL
FOUNDATION PLAN
PEEKSKILL HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : MJK

Drawing Number :
S
101

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
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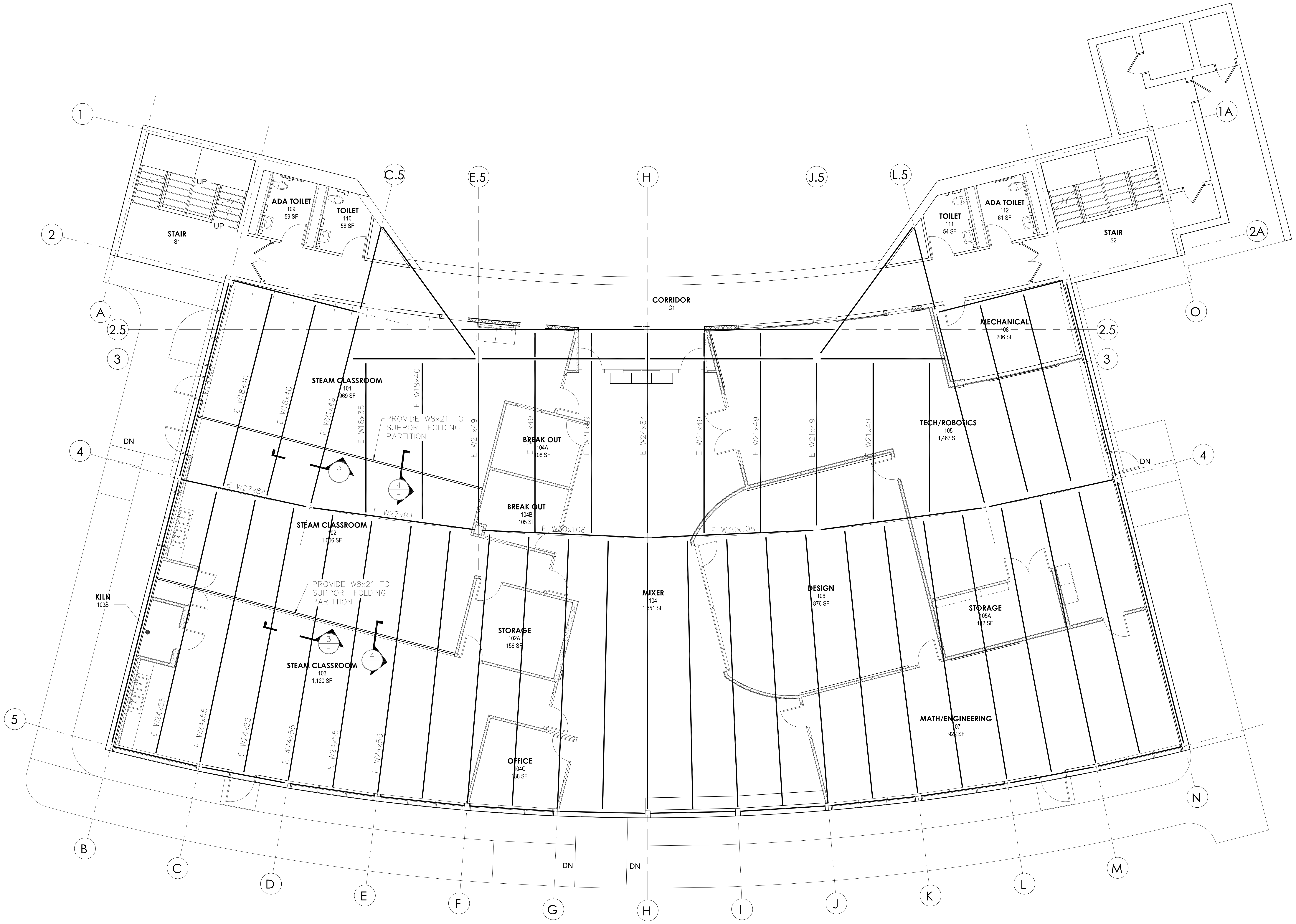
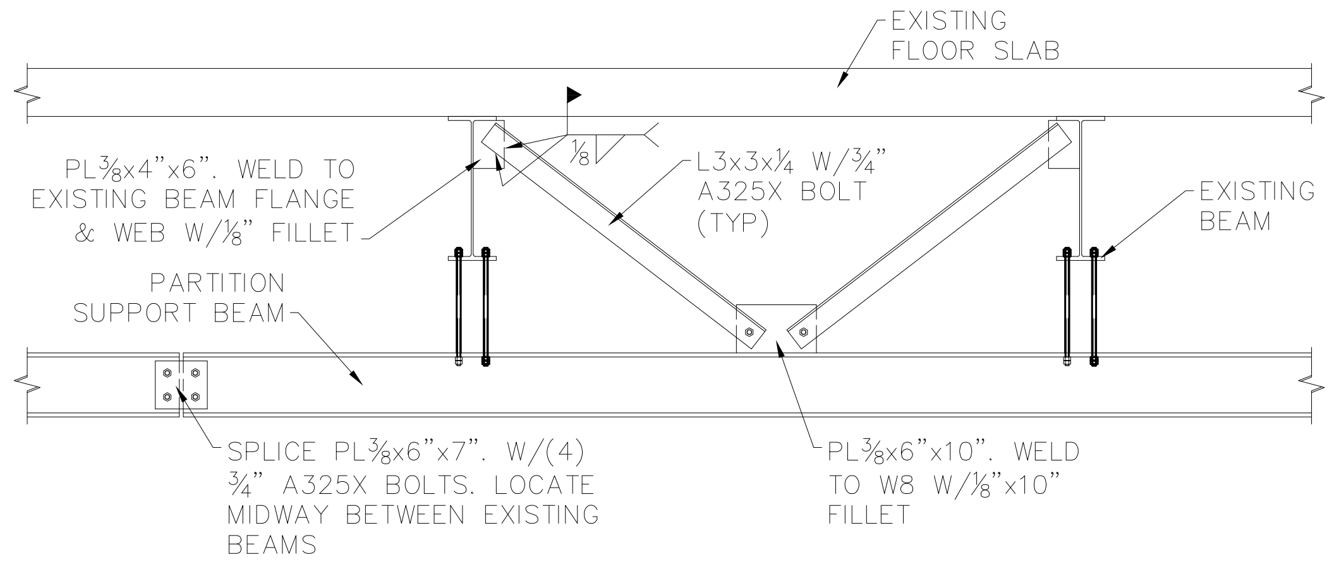
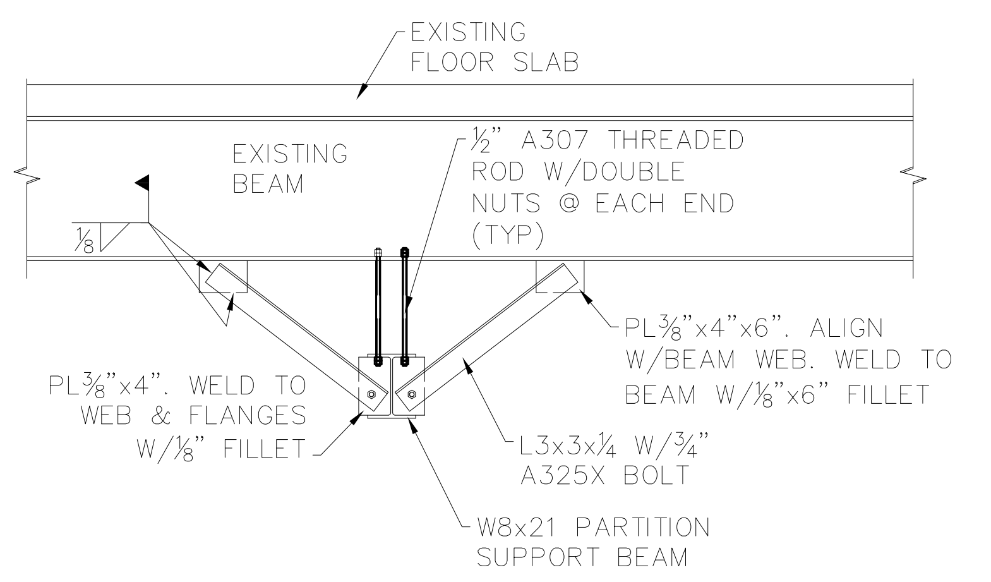


FLOOR FRAMING PLAN


EXISTING FLOOR SLAB
PL⅜x4"x6". WELD TO EXISTING BEAM FLANGE & WEB W/⅛" FILLET
⅛
L3x3x¼ W/¾" A325X BOLT (TYP)
EXISTING BEAM
PARTITION SUPPORT BEAM
SPLICE PL⅜x6"x7". W/(4) ¾" A325X BOLTS. LOCATE MIDWAY BETWEEN EXISTING BEAMS
PL⅜x6"x10". WELD TO W8 W/⅛"x10" FILLET

3 PARTITION SUPPORT

NOTES:
1. SEE ARCHITECTURAL FOR LOCATION OF FOLDING PARTITION
2. PROVIDE THREADED ROD SUPPORTS AT EACH EXISTING BEAM. PLACE BOLTS ON ALTERNATE SIDES OF BEAM WEBS.
3. PROVIDE LONGITUDINAL ANGLE BRACING AT ENDS AND MIDDLE OF PARTITION LENGTH.
4. PROVIDE BEAM SPLICE AS REQUIRED FOR WORKABILITY. LOCATE SPLICE MIDWAY BETWEEN EXISTING BEAMS.

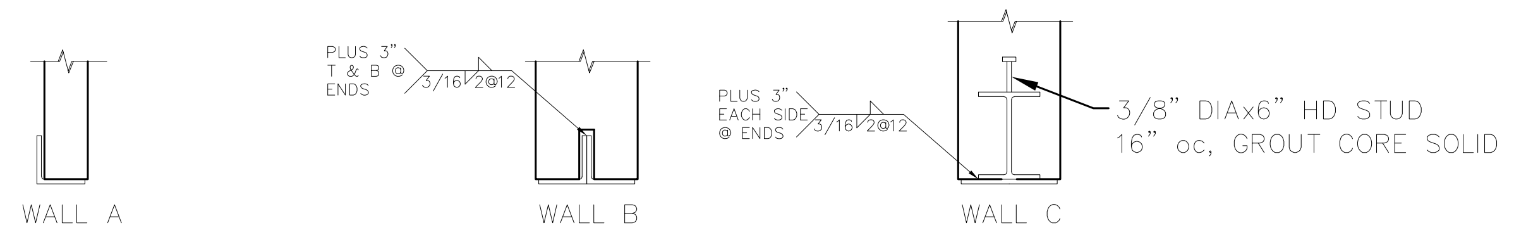

EXISTING FLOOR SLAB
EXISTING BEAM
½" A307 THREADED ROD W/DOUBLE NUTS @ EACH END (TYP)
⅛
PL⅜"x4"x6". ALIGN W/BEAM WEB. WELD TO BEAM W/⅛"x6" FILLET
PL⅜"x4". WELD TO WEB & FLANGES W/⅛" FILLET
L3x3x¼ W/¾" A325X BOLT
W8x21 PARTITION SUPPORT BEAM

4 PARTITION BRACING

NOTES:
1. SEE ARCHITECTURAL FOR LOCATION OF FOLDING PARTITION
2. PROVIDE THREADED ROD SUPPORTS AT EACH EXISTING BEAM. PLACE BOLTS ON ALTERNATE SIDES OF BEAM WEBS.
3. PROVIDE PERPENDICULAR ANGLE BRACING AT ENDS AND 16'–0" MAXIMUM ON–CENTER

STEEL LINTEL SCHEDULE

WALL THICKNESS & TYPE	WIDTH OF MASONRY OPENING			
	UP TO 4'–0" MIN 4" BRG EACH END	4'–1" TO 8'–0" MIN 8" BRG EACH END	8'–1" TO 12'–0" MIN 8" BRG EACH END	12'–1" TO 16'–0" MIN 8" BRG EACH END
4" – WALL A (30 psf)	L4x4x⅜	L6x4x⅜ LLV	L7x4x⅜ LLV	L8x4x½ LLV
6" – WALL A (45 psf)	L6x4x⅜ LLH	L6x6x⅜	L8x6x7/16 LLV	
6" – WALL B (45 psf)		WT7x13	WT7x17	W8x18
8" – WALL B/C (65 psf)	DBL L3½x3½x⅜	DBL L4x3½x⅜ LLV	W8x15 w/PL⅜x7½	W8x28
10" – WALL B/C (75 psf)	DBL L4x4x⅜	DBL L4x4x⅜	W8x15 w/PL⅜x9½	W10x26 w/PL⅜x9½
12" – WALL B/C (90 psf)	DBL L5x5x⅜	DBL L5x5x⅜	W8x21 w/PL⅜x11½	W10x45



NOTES:
1. ABOVE TABLE IS FOR STEEL LINTELS IN NON–LOAD BEARING WALLS.
2. ALL EXTERIOR LINTELS SHALL BE GALVANIZED AFTER FABRICATION. FINISH PAINT, COLOR, ETC. PER ARCHITECT
3. CORES BELOW BEARING POINTS SHALL BE GROUTED SOLID FOR FULL HEIGHT & REINFORCED.
4. DO NOT LOCATE CONTROL OR ISOLATION JOINTS ABOVE LENGTH OF THE LINTEL.

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Drawing Number :
S
102

Drawing Title :
FLOOR FRAMING PLAN
PEEKSKILL HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : MJK

Revision :
ISSUED FOR BID
2/1/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

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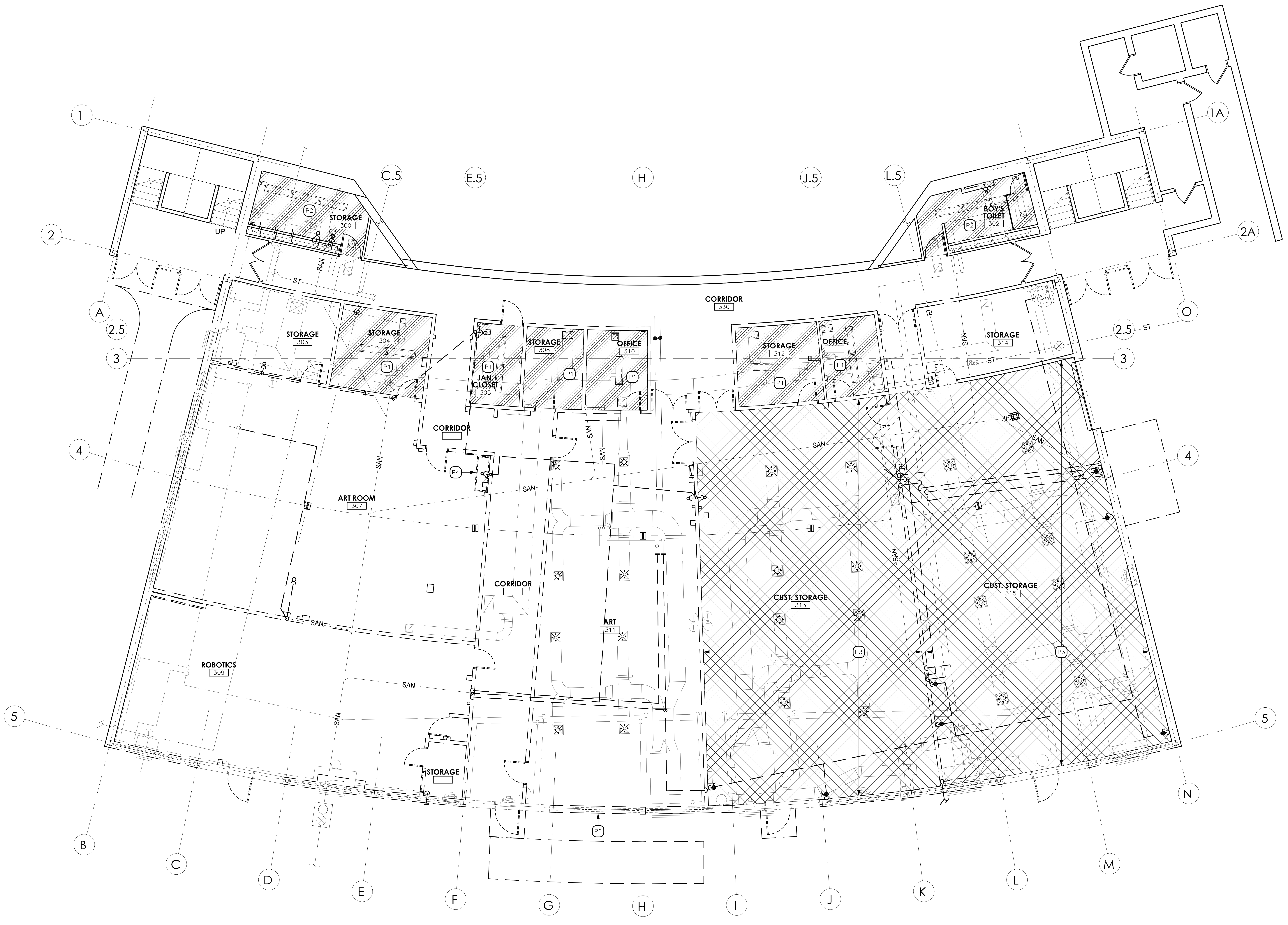

1 PARTIAL LOWER LEVEL ABATEMENT PLAN - AREA A

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

GENERAL ABATEMENT PLAN NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56 AND SPECIFICATIONS. ALL MATERIALS ARE TO BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56
2. DISPOSE OF ALL MATERIALS TO BE REMOVED AS ASBESTOS CONTAINING BUILDING MATERIAL (ACBM), UNLESS NOTED OTHERWISE
3. EXACT EXTENTS AND LOCATIONS OF REMOVALS SHALL BE DETERMINED IN THE FIELD. COORDINATE ABATEMENT WITH OTHER PRIME CONTRACTORS AS REQUIRED
4. FIELD VERIFY DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES
5. ASBESTOS ABATEMENT CONTRACTOR TO REFER TO THE ASBESTOS CONTAINING SURVEY IN THE SPECIFICATIONS FOR ADDITIONAL INFORMATION
6. ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TYING UP ALL DEVICES TO EXISTING STRUCTURE ABOVE DURING REMOVALS INCLUDING ALL FIRE ALARM, SPEAKERS, EMERGENCY EXIT LIGHTING, SECURITY CAMERAS, ETC.
7. ABATEMENT TO INCLUDE COMPLETE REMOVALS OF ALL FASTENERS, ADHESIVES AND RELATED ITEMS COMPLETELY DOWN TO SUBSTRATE
8. REMOVE PORTIONS OF CEILING, WALL, SOFFIT, ETC. AS REQUIRED FOR COMPLETE REMOVAL OF ACBM. DISPOSE OF AS ASBESTOS CONTAINING BUILDING MATERIALS UNLESS NOTED OTHERWISE. SEE DEMOLITION PLANS FOR EXTENT OF ITEMS THAT ARE EXISTING TO REMAIN, OR SCHEDULED FOR DEMOLITION. PATCH ALL SURFACES THAT ARE EXISTING TO REMAIN TO MATCH EXISTING ADJACENT, OR AS REQUIRED FOR INSTALLATION OF NEW WORK. AT ITEMS/AREAS SCHEDULED FOR DEMOLITION IT IS NOT NECESSARY TO PATCH OPENINGS REQUIRED FOR ABATEMENT, UNLESS LEAVING THE OPENING WOULD CREATE AN UNSAFE CONDITION FOR OTHER WORKERS
9. KEYNOTES AND HATCHES INDICATE APPROXIMATE AREAS, ELEVATIONS, ETC OF SPECIFIC ITEMS TO BE REMOVED. THE INTENT IS FOR ALL OF THE TYPE OF ACBM MATERIAL IDENTIFIED WITH A KEYNOTE TO BE REMOVED IN THE ENTIRE SPACE, EVEN IF SAID MATERIAL FALLS OUTSIDE OF THE HATCHED AREA OR IS OF A DIFFERENT SIZE OR ELEVATION INDICATED
10. AT SITE OF ACBM REMOVALS – SCRAPE, CLEAN, AND SEAL OR ENCAPSULATE ADJACENT ACBM IN PREPARATION FOR THE WORK OF OTHER TRADES, TYPICAL.

ABATEMENT KEYNOTES :

P1	REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM AND JOINT COMPOUND COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS. REMOVE AND DISPOSE OF ALL EXISTING LIGHT FIXTURES AND CEILING MOUNTED MEP NOTED TO BE REMOVED. CLEAN ANY DEVICES OR MEP TO REMAIN AND HANG FROM STRUCTURE ABOVE FOR REINSTALLATION. COORDINATE WITH OTHER TRADES.
P2	ALTERNATE 1–G – REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM AND JOINT COMPOUND COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS. REMOVE AND DISPOSE OF ALL EXISTING LIGHT FIXTURES. CLEAN ANY DEVICES TO REMAIN AND HANG FROM STRUCTURE ABOVE FOR REINSTALLATION.
P3	REMOVE EXISTING PIPE FITTINGS AND VIBRATION CLOTH COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS.
P4	REMOVE SINK AND SINK UNDERCOATING COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS. PC TO DISCONNECT EXISTING SINK.
P5	REMOVE PORTION OF CARPET AND MASTIC COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS. CUT CARPET IN NEAT STRAIGHT LINE. COORDINATE LOCATION WITH MC.
P6	REMOVE BLACK EXTERIOR REMNANT CAULKING BELOW ALL LOWER LEVEL WINDOWS ON THIS ELEVATION COMPLETE AS PCB.
P7	REMOVE PORTION OF CARPET, MASTIC, AND WALL BASE COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS. CHASE WALL TO BE REMOVED BY GC.
P8	ALTERNATE 4–G: REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM AND JOINT COMPOUND COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS. REMOVE AND DISPOSE OF ALL EXISTING LIGHT FIXTURES AND CEILING MOUNTED MEP NOTED TO BE REMOVED. CLEAN ANY DEVICES OR MEP TO REMAIN AND HANG FROM STRUCTURE ABOVE FOR REINSTALLATION. COORDINATE WITH OTHER TRADES.
P9	ALTERNATE 4–G: REMOVE EXISTING CARPET, MASTIC, AND WALL BASE COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS.

ABATEMENT LEGEND :

▨	REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM AND JOINT COMPOUND COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS. REMOVE AND DISPOSE OF ALL EXISTING LIGHT FIXTURES AND CEILING MOUNTED MEP NOTED TO BE REMOVED. CLEAN ANY DEVICES OR MEP TO REMAIN AND HANG FROM STRUCTURE ABOVE FOR REINSTALLATION. COORDINATE WITH OTHER TRADES.
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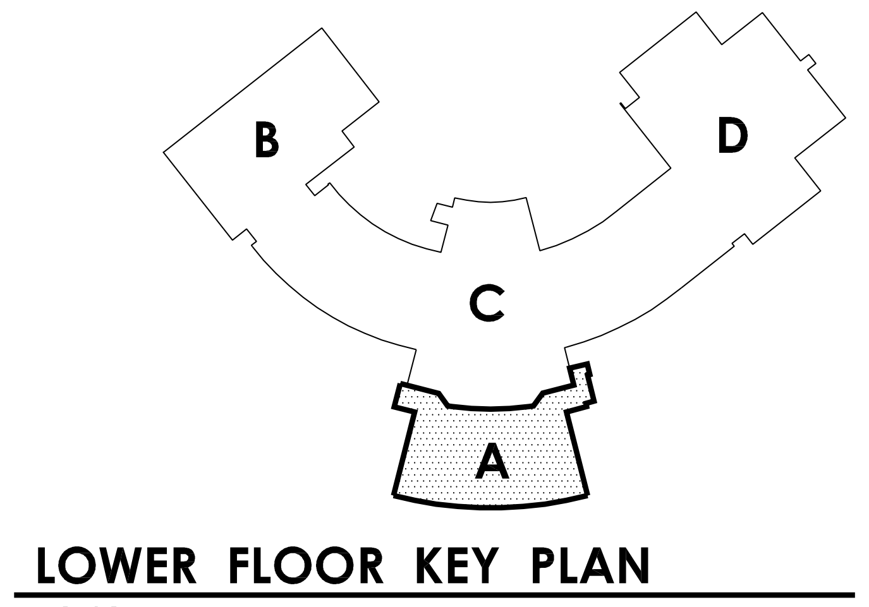

LOWER FLOOR KEY PLAN

NO SCALE

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

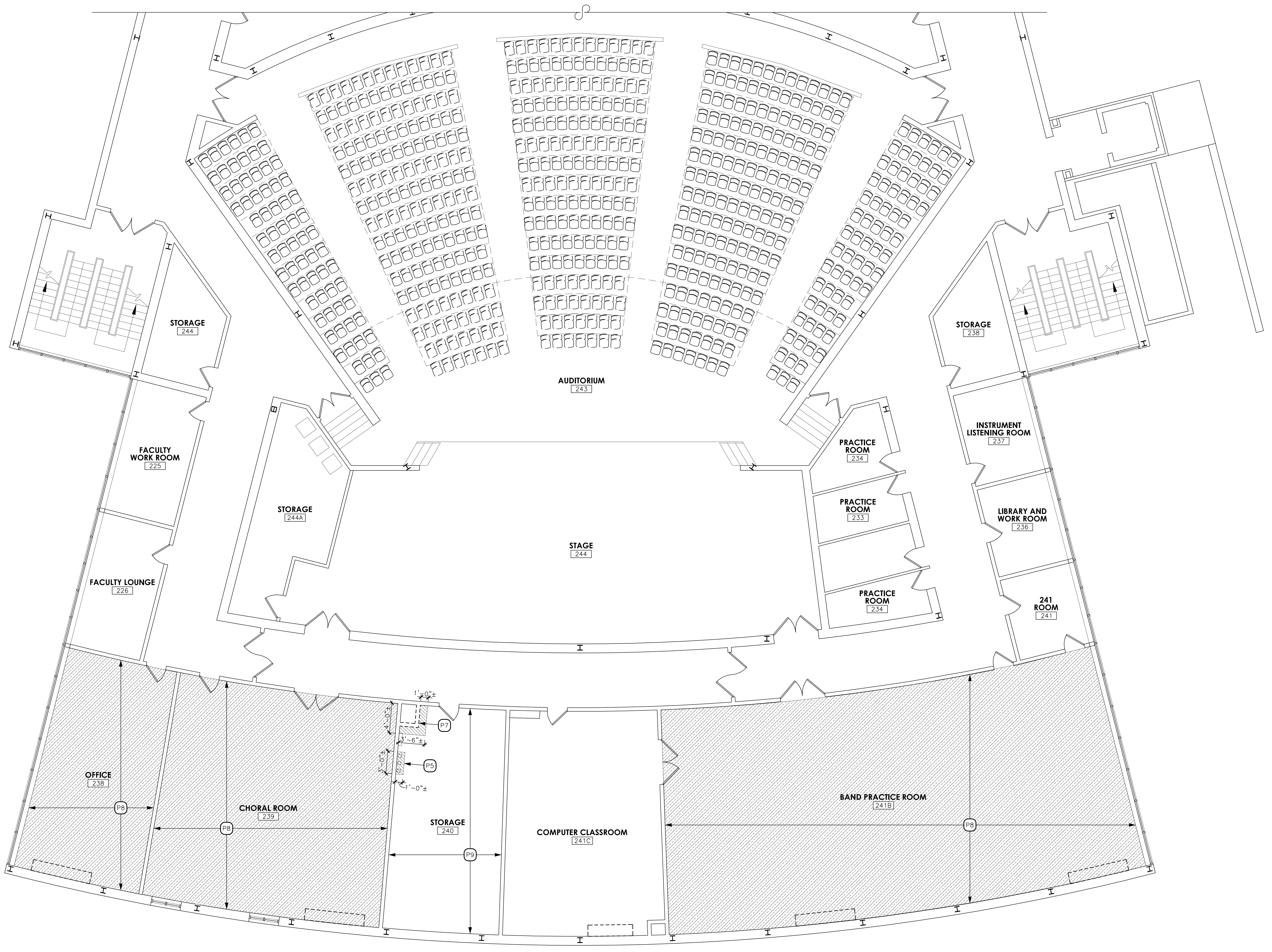
Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
PARTIAL LOWER LEVEL
ABATEMENT PLAN - AREA A

PEEKSKILL HIGH SCHOOL

APN : 1901.2
Date : 10/02/2020
Drawn by : AV

Drawing Number :
AP D01



① **PARTIAL INTERMEDIATE LEVEL ABATEMENT PLAN - AREA A**

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

GENERAL ABATEMENT PLAN NOTES

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7. ABATEMENT TO INCLUDE COMPLETE REMOVALS OF ALL FASTENERS, ADHESIVES AND RELATED ITEMS COMPLETELY DOWN TO SUBSTRATE
8. REMOVE PORTIONS OF CEILING, WALL, SOFFIT, ETC. AS REQUIRED FOR COMPLETE REMOVAL OF ACBM. DISPOSE OF AS ASBESTOS CONTAINING BUILDING MATERIALS UNLESS NOTED OTHERWISE. SEE DEMOLITION PLANS FOR EXTENT OF ITEMS THAT ARE EXISTING TO REMAIN, OR SCHEDULED FOR DEMOLITION. PATCH ALL SURFACES THAT ARE EXISTING TO REMAIN TO MATCH EXISTING ADJACENT, OR AS REQUIRED FOR INSTALLATION OF NEW WORK. AT ITEMS/AREAS SCHEDULED FOR DEMOLITION IT IS NOT NECESSARY TO PATCH OPENINGS REQUIRED FOR ABATEMENT, UNLESS LEAVING THE OPENING WOULD CREATE AN UNSAFE CONDITION FOR OTHER WORKERS
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10. AT SITE OF ACBM REMOVALS – SCRAPE, CLEAN, AND SEAL OR ENCAPSULATE ADJACENT ACBM IN PREPARATION FOR THE WORK OF OTHER TRADES, TYPICAL.

ABATEMENT KEYNOTES :

P1	REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM AND JOINT COMPOUND COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS. REMOVE AND DISPOSE OF ALL EXISTING LIGHT FIXTURES AND CEILING MOUNTED MEP NOTED TO BE REMOVED. CLEAN ANY DEVICES OR MEP TO REMAIN AND HANG FROM STRUCTURE ABOVE FOR REINSTALLATION. COORDINATE WITH OTHER TRADES.
P2	ALTERNATE 1–G – REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM AND JOINT COMPOUND COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS. REMOVE AND DISPOSE OF ALL EXISTING LIGHT FIXTURES. CLEAN ANY DEVICES TO REMAIN AND HANG FROM STRUCTURE ABOVE FOR REINSTALLATION.
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P7	REMOVE PORTION OF CARPET, MASTIC, AND WALL BASE COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS. CHASE WALL TO BE REMOVED BY GC.
P8	ALTERNATE 4–G: REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM AND JOINT COMPOUND COMPLETE AS ASBESTOS CONTAINING BUILDING MATERIALS. REMOVE AND DISPOSE OF ALL EXISTING LIGHT FIXTURES AND CEILING MOUNTED MEP NOTED TO BE REMOVED. CLEAN ANY DEVICES OR MEP TO REMAIN AND HANG FROM STRUCTURE ABOVE FOR REINSTALLATION. COORDINATE WITH OTHER TRADES.
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ABATEMENT LEGEND :

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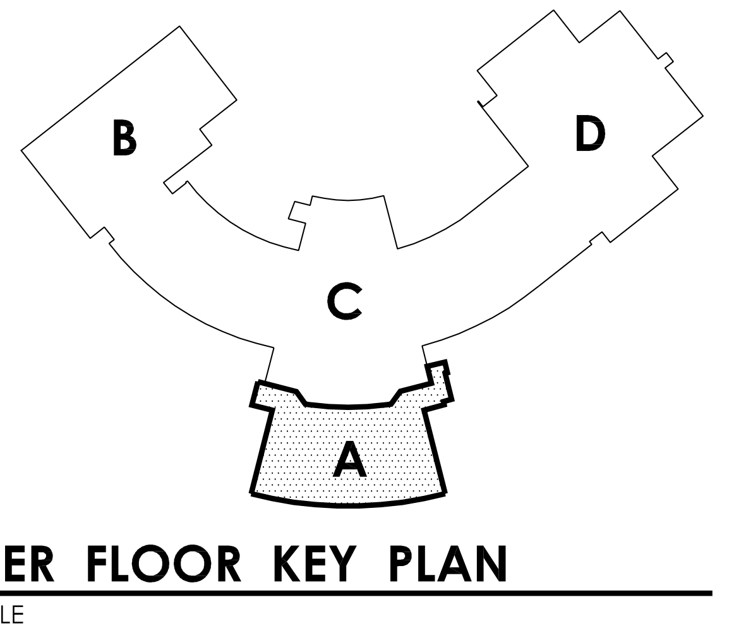

LOWER FLOOR KEY PLAN

NO SCALE

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Drawing Number :

AP D02

Drawing Title :

PARTIAL INTERMEDIATE LEVEL
ABATEMENT PLAN - AREA A

PEEKSKILL HIGH SCHOOL

APN : 1901.2 | Date : 10/02/2020 | Drawn by : AV

Revision :

ISSUED FOR BID
2/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Seal

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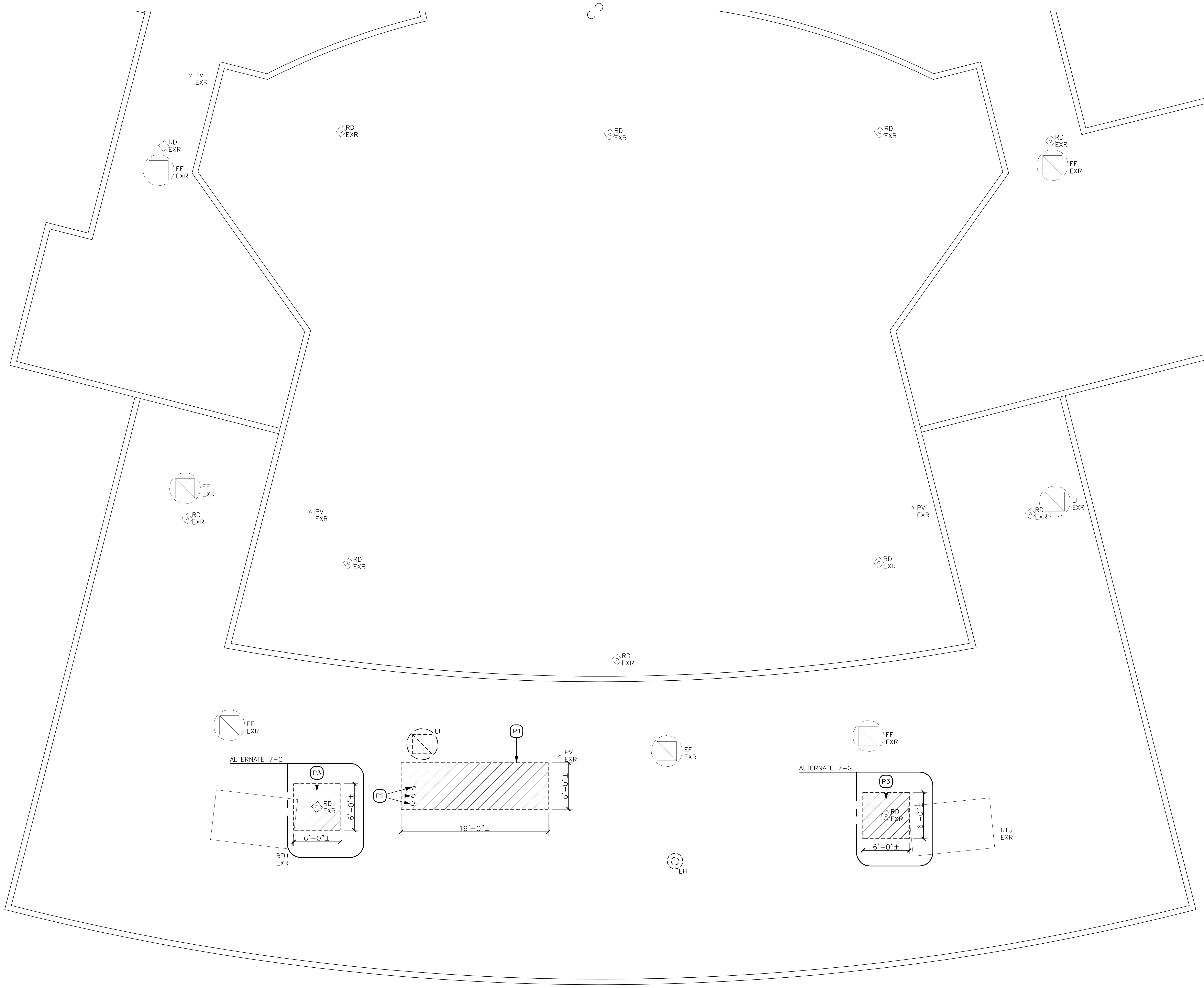

1 PARTIAL ROOF ABATEMENT PLAN - AREA A

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

GENERAL ABATEMENT PLAN NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56 AND SPECIFICATIONS. ALL MATERIALS ARE TO BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56
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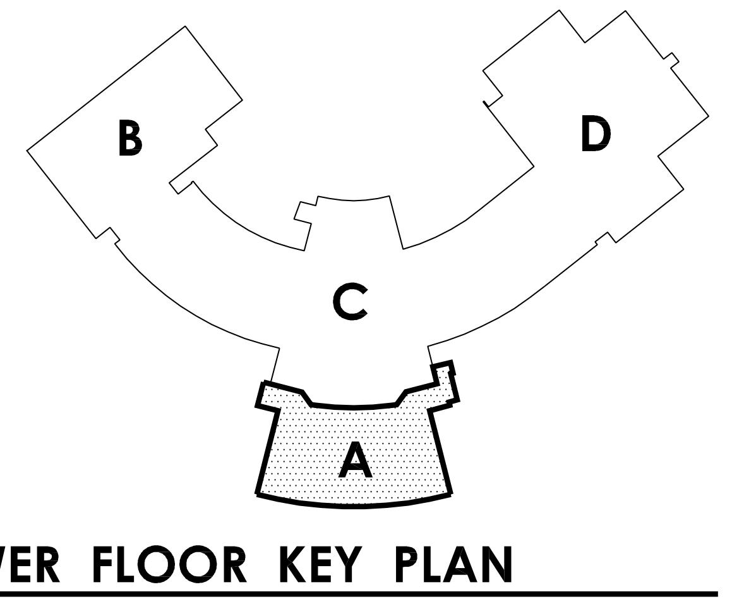
10. AT SITE OF ACBM REMOVALS – SCRAPE, CLEAN, AND SEAL OR ENCAPSULATE ADJACENT ACBM IN PREPARATION FOR THE WORK OF OTHER TRADES, TYPICAL.

ASBESTOS ABATEMENT ROOF KEYNOTES :

P1	REMOVE PORTION OF EXISTING EPDM ROOFING SYSTEM (2.5" INSULATION) AND BUILT UP ROOFING SYSTEM BELOW COMPLETE TO STRUCTURAL ROOF DECK AS ASBESTOS CONTAINING BUILDING MATERIALS. COORDINATE LOCATION WITH MC AND EC.
P2	CUT OPENINGS THROUGH METAL ROOF DECK FOR PIPING AND ELECTRICAL FOR NEW CONDENSING UNIT. COORDINATE LOCATION AND SIZES WITH MC AND EC.
P3	ALTERNATE 7–G: REMOVE PORTION OF EXISTING EDPM ROOFING SYSTEM (2.5" INSULATION) AND BUILT UP ROOFING SYSTEM BELOW COMPLETE TO STRUCTURAL ROOF DECK AS ASBESTOS CONTAINING BUILDING MATERIALS. REMOVE EXISTING ROOF DRAIN. ROOF DRAIN TO BE DISCONNECTED BY OTHERS.

ROOF RECONSTRUCTION LEGEND

RH EXR	ROOF HATCH–EXISTING TO REMAIN
SK EXR	SKYLIGHT–EXISTING TO REMAIN
EF EXR	EXHAUST FAN OR ROOF HOOD–EXISTING TO REMAIN
RTU EXR	ROOFTOP UNIT–EXISTING TO REMAIN
CU EXR	CONDENSING UNIT–EXISTING TO REMAIN
RD EXR	ROOF DRAIN–EXISTING TO REMAIN
○ PV EXR	PLUMBING VENT–EXISTING TO REMAIN
▨	REMOVE EXISTING ROOF SYSTEM INCLUDING INSULATION TO EXISTING DECK AS ASBESTOS CONTAINING ROOFING MATERIAL
░	FLEXIBLE SHEET ROOF SYSTEM. MATCH SLOPE AND THICKNESS OF EXISTING INSULATION.
CU	CONDENSING UNIT BY OTHERS. INSTALL PITCH POCKETS AND EQUIPMENT RAILS FOR PIPING PER ROOF DETAILS.
▦	WALKWAY PADS
RD	ROOF DRAIN SUPPLIED BY OTHERS AND INSTALLED BY GC. FINAL CONNECTION BY OTHERS



LOWER FLOOR KEY PLAN

NO SCALE

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Drawing Number :

**AP
301**

Drawing Title :

PARTIAL ROOF ABATEMENT
PLAN - AREA A

PEEKSKILL HIGH SCHOOL

APN : 1901.2 | Date : 10/02/2020 | Drawn by : JN, BK

Revision :
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2/01/2021

**Alterations to School District Facilities
Phase Two**

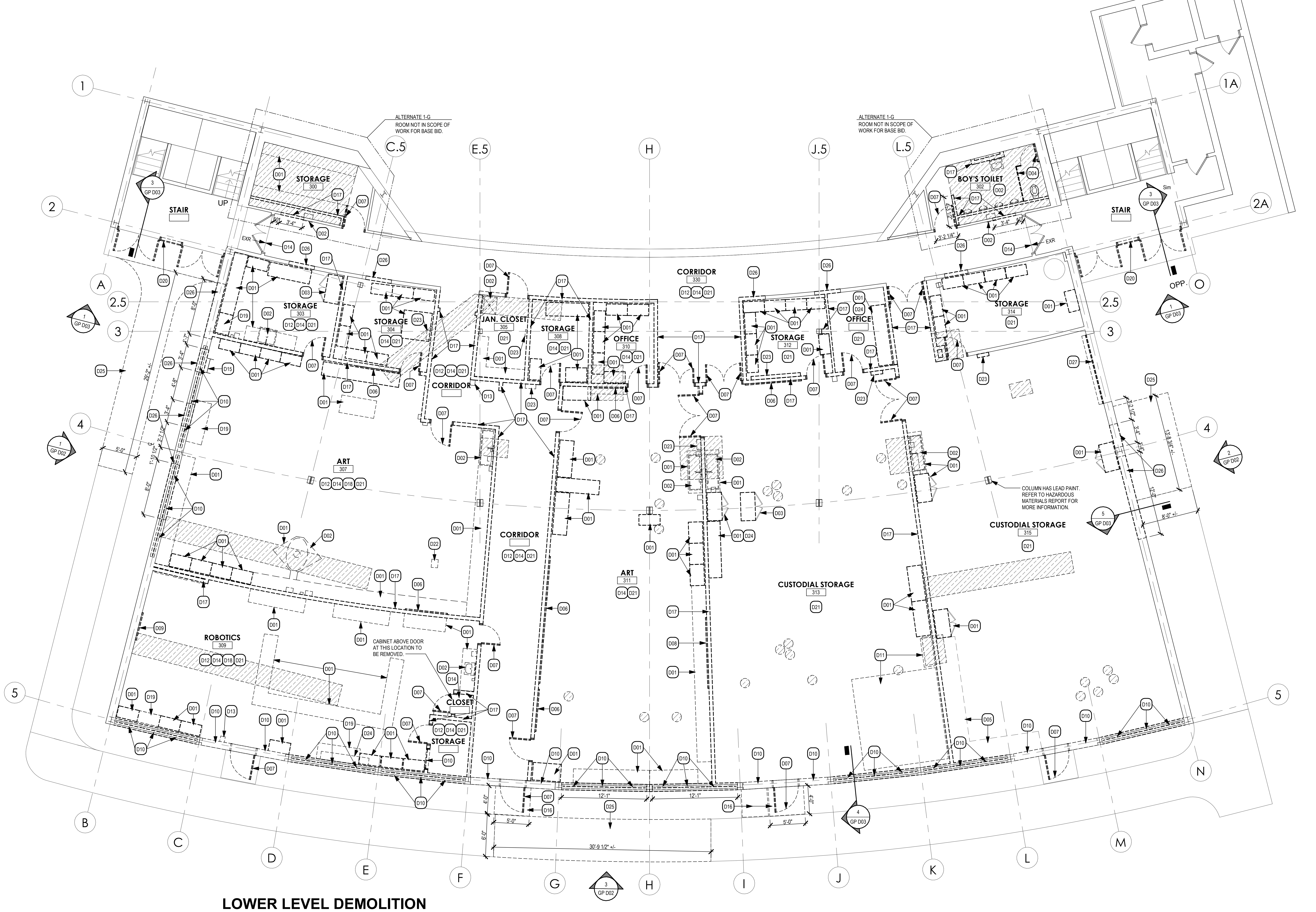
Peekskill City School District
Peekskill, New York

Seal

Consultant

MOSAIC
ASSOCIATES

Mosaic Associates Architects
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180



ALTERNATE 1-G ROOM NOT IN SCOPE OF WORK FOR BASE BID.

ALTERNATE 1-G ROOM NOT IN SCOPE OF WORK FOR BASE BID.

COLUMN HAS LEAD PAINT. REFER TO HAZARDOUS MATERIALS REPORT FOR MORE INFORMATION.

CABINET ABOVE DOOR AT THIS LOCATION TO BE REMOVED.

1 LOWER LEVEL DEMOLITION PLAN

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

GENERAL DEMOLITION NOTES

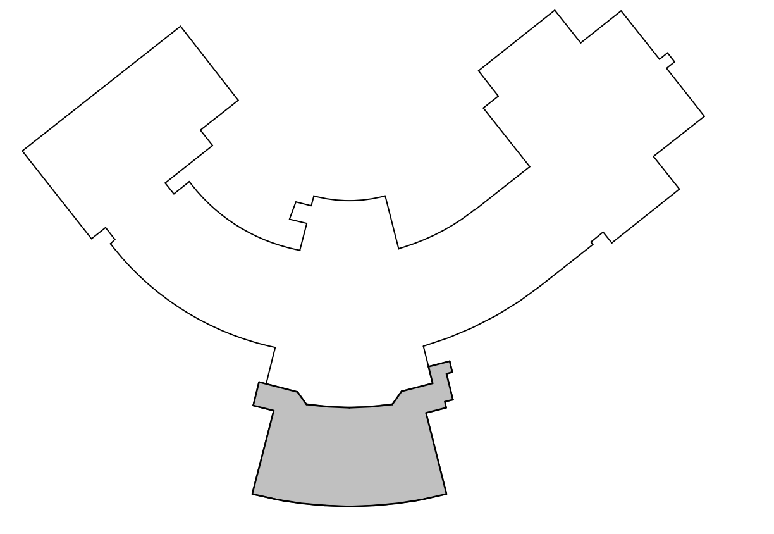
1. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND ASBESTOS DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE REMOVALS WITH ALL OTHER CONTRACTORS.
2. MAINTAIN INTEGRITY OF ITEMS THAT ARE TO REMAIN. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO MATCH EXISTING ADJACENT SURFACES.
3. COORDINATE EXTENT OF SELECTIVE DEMOLITION WITH NEW WORK.
4. PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED PRIOR TO COMMENCING DEMOLITION. DO NOT DAMAGE OR DISTURB EXISTING STRUCTURAL ELEMENTS THAT ARE TO REMAIN. WHERE WALLS ARE TO BE REMOVED, DO NOT REMOVE EXISTING COLUMNS, UNLESS NOTED OTHERWISE. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON REMOVALS OF STRUCTURAL ELEMENTS.
5. REMOVE ALL WALL MOUNTED ITEMS (INCLUDING SOAP DISPENSERS, PAPER TOWEL DISPENSERS, FIRE EXTINGUISHERS, FIRE BLANKETS, FIRST AID KITS, CASEWORK, BOARDS, ACCESSORIES, PROJECTION SCREENS) AND ITEMS BUILT IN OR LOCATED ON WALLS SHOWN TO BE DEMOLISHED OR AS REQUIRED BY NEW CONSTRUCTION.
6. PRIOR TO START OF PROJECT, OWNER SHALL REMOVE LOOSE EQUIPMENT SUCH AS FURNITURE, DESKS, CHAIRS, SHELVING, WINDOW AIR CONDITIONERS, ETC., UNLESS NOTED OTHERWISE.
7. REMOVE CEILING SYSTEM AND SOFFITS IN ALL SPACES SCHEDULED TO RECEIVE NEW CEILING OR WHERE EXPOSED STRUCTURE IS CALLED FOR, UNLESS NOTED OTHERWISE. SEE ROOM FINISH SCHEDULE AND CEILING PLANS.
8. REMOVE ALL EXISTING WINDOW TREATMENTS COMPLETE INCLUDING BLINDS, SHADES AND CURTAINS.
9. DEMOLITION TO INCLUDE COMPLETE REMOVAL OF ALL FASTENERS, ADHESIVES AND RELATED ITEMS COMPLETE DOWN TO SUBSTRATE. PATCH SUBSTRATE AS REQUIRED FOR NEW FINISHES. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO BLEND WITH AND MATCH EXISTING ADJACENT SURFACES, OR PROVIDE NEW CONSTRUCTION AS SHOWN.
10. PATCH ALL HOLES, PENETRATIONS, ETC. IN CONCRETE SLAB TO MATCH ADJACENT STRUCTURAL FINISH. AT EXISTING CONDUIT IN SLAB, EC TO REMOVE WIRING, GC TO GROUND DOWN CONCRETE SLAB AND CONDUIT BELOW FLOOR SURFACE. FLASH PATCH AND PREP FOR NEW SURFACES TO RECEIVE NEW FLOOR FINISH.
11. GENERAL CONTRACTOR TO PROVIDE ALL CONCRETE SLAB REMOVALS AND INFILLS FOR ALL CONTRACTORS INSIDE THE BUILDING. EXCAVATION AND BACKFILL IS BY EACH CONTRACTOR FOR THEIR OWN WORK. CONTRACTORS SHALL COORDINATE EXACT SIZES AND LOCATIONS.

DEMOLITION PLAN LEGEND

▨	SAWCUT AND REMOVE EXISTING CONCRETE FLOOR SLAB COMPLETE AS REQUIRED FOR NEW WORK BY GC OR UNDER-SLAB WORK BY OTHER CONTRACTS. EXCAVATION AND BACK FILL SHALL BE BY EACH RESPECTIVE CONTRACTOR. HATCH INDICATES APPROXIMATE EXTENT OF REMOVAL, COORDINATE ALL TRADES.

DEMOLITION KEYNOTES

D01	REMOVE ALL REMAINING CASEWORK, BASE AND WALL CABINETS, BUILT-IN TABLES AND WORKSTATIONS, SHELVING AND SUPPORTS COMPLETE. COORDINATE WITH ABATEMENT DRAWINGS.
D02	PLUMBING FIXTURE REMOVALS BY PC.
D03	REMOVE EXISTING FLAMMABLE STORAGE CABINET AS REQUIRED FOR INSTALLATION OF NEW WORK.
D04	REMOVE EXISTING TOILET PARTITION SYSTEM COMPLETE.
D05	EXHAUST HOOD REMOVAL BY MC.
D06	REMOVE ALL MARKER BOARDS, TACK BOARDS, AND CHALKBOARDS AS REQUIRED FOR INSTALLATION OF NEW WORK.
D07	REMOVE EXISTING DOOR, DOOR FRAME, DOOR HARDWARE, (IF) SIDELIGHTS AND/OR TRANSOMS, AND (IF) THRESHOLD COMPLETE. INFILL OR WIDEN OPENING PER FLOOR PLANS.
D08	SMARTBOARD SYSTEM REMOVAL BY EC.
D09	TV SYSTEM REMOVAL BY EC.
D10	REMOVE EXISTING WINDOW UNIT COMPLETE AND ADJACENT WALL CONSTRUCTION AS REQUIRED FOR NEW WORK.
D11	REMOVE EXISTING DUST COLLECTION SYSTEM COMPLETE.
D12	REMOVE EXISTING SUSPENDED CEILING SYSTEM. SEE CEILING PLANS FOR ADDITIONAL INFORMATION.
D13	REMOVE EXISTING FIRE EXTINGUISHER AND BRACKETS.
D14	REMOVE EXISTING RESILIENT FLOOR COVERING, BASE, AND ADHESIVE COMPLETE TO STRUCURAL FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW WORK.
D15	REMOVE EXISTING METAL LADDER AS REQUIRED FOR INSTALLATION OF NEW WORK.
D16	SAWCUT AND REMOVE PORTIONS OF EXISTING CMU OR CONCRETE PAD AND (IF) FOUNDATION AS REQUIRED FOR INSTALLATION OF NEW WORK.
D17	REMOVE EXISTING WALLS OR PORTIONS OF WALLS COMPLETE AS REQUIRED FOR INSTALLATION OF NEW WORK. ALL SLABS SHALL BE LEVELED AND PATCHED AT AREAS OF REMOVAL AS REQUIRED FOR INSTALLATION OF NEW WORK. WHERE DEMOLITION INVOLVES EXTERIOR FACE BRICK, SALVAGE FACE BRICK FOR REUSE. GC SHALL BRACE EXISTING BUILDING AS REQUIRED TO MAINTAIN STABILITY. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
D18	POWER POLE AND RELATED ELECTRIC REMOVALS BY EC.
D19	MECHANICAL REMOVALS BY MC. GC TO INFILL OPENING.
D20	REMOVE EXISTING WINDOW/DOOR CURTAINWALL UNIT COMPLETE AS REQUIRED BY INSTALLATION OF NEW WORK.
D21	MC AND EC SHALL REMOVE EXISTING LIGHT FIXTURES, DIFFUSERS, GRILLES, SPEAKERS, ACCESS PANELS, SPECIAL MOLDINGS, FIRE-SUPPRESSION SYSTEM, AND HVAC EQUIPMENT AS REQUIRED FOR INSTALLATION OF NEW WORK. GC, MC, AND EC SHALL COORDINATE WORK.
D22	CEILING-MOUNTED PROJECTOR REMOVAL BY EC.
D23	EC SHALL REMOVE AND DISCONNECT EXISTING ELECTRICAL PANEL AND RELATED ELECTRIC AS REQUIRED FOR INSTALLATION OF NEW WORK. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. EC AND GC SHALL COORDINATE WORK.
D24	REMOVE EXISTING SHELF(VES) AND SUPPORT SYSTEM COMPLETE AS REQUIRED FOR INSTALLATION OF NEW WORK.
D25	SAWCUT AND REMOVE PORTIONS OF EXISTING CONCRETE SIDEWALK AS REQUIRED FOR INSTALLATION OF NEW WORK.
D26	CUT OPENING IN EXISTING WALL AS REQUIRED FOR NEW OPENING (DOOR, WINDOW, OR MECHANICAL OPENING). SEE STRUCTURAL DRAWINGS FOR NEW LINTEL SCHEDULE. PATCH ADJACENT CONSTRUCTION AS REQUIRED. SEE NEW ARCHITECTURAL OR MEP DRAWINGS FOR ADDITIONAL INFORMATION. GC SHALL PROVIDE ALL OPENINGS IN MASONRY WALLS FOR THE WORK OF OTHER TRADES. COORDINATE WITH MEP DRAWINGS FOR SIZES AND LOCATIONS.
D27	REMOVE EXISTING OVERHEAD DOOR, DOOR HARDWARE, AND TRACK COMPLETE. EXISTING LINTEL SHALL REMAIN. GC SHALL PREPARE EXISTING OPENING FOR NEW OVERHEAD DOOR.



KEY PLAN - LOWER LEVEL

NOT TO SCALE

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Drawing Number:
GP D01

Drawing Title:
LOWER LEVEL DEMOLITION FLOOR PLAN

PEEKSKILL HIGH SCHOOL

APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Revision:
ISSUED FOR BID
02/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, NY

Seal

Consultant:

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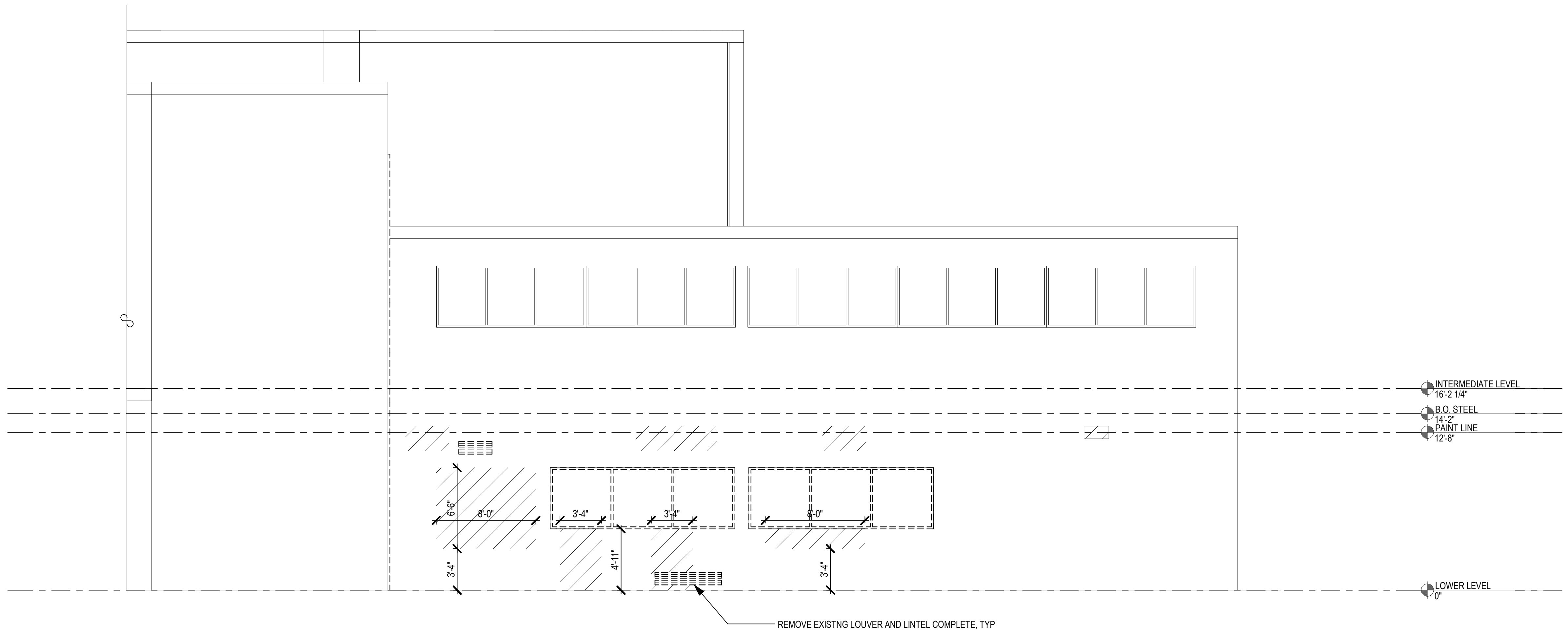
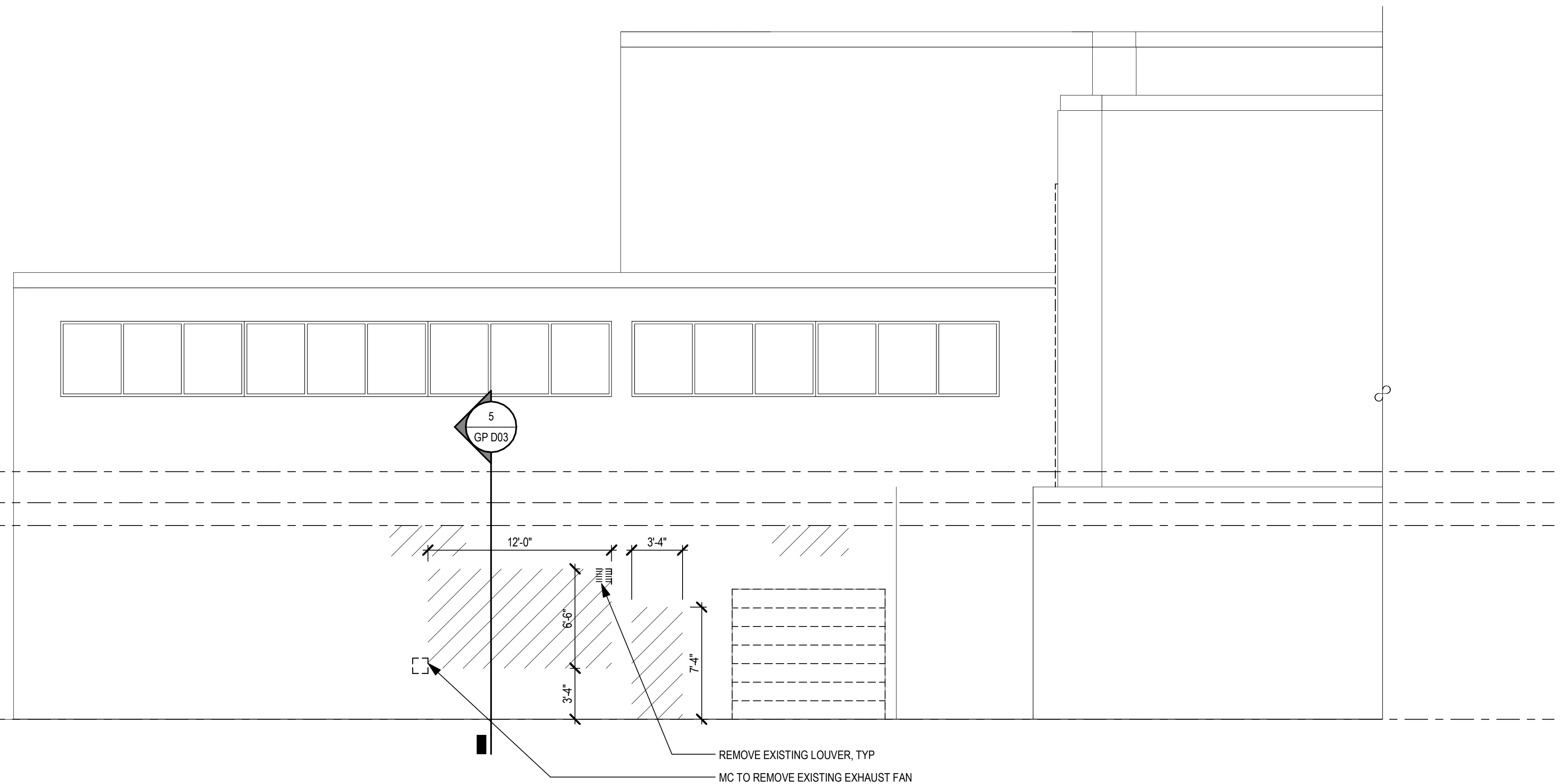


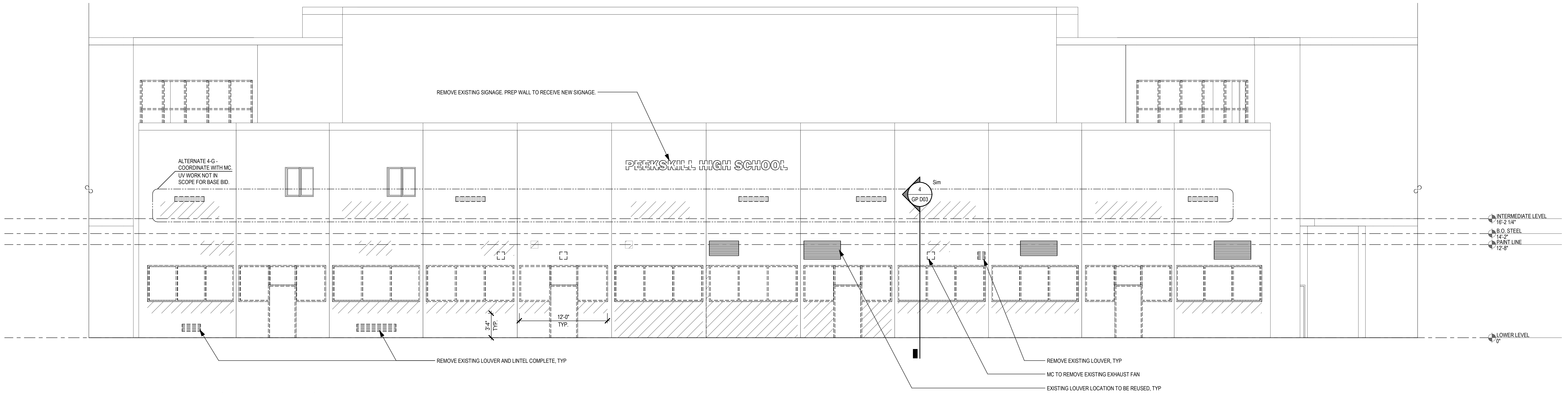
1 EXTERIOR ELEVATION 1 - DEMOLITION

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


5
GP D03
12'-0"
3'-4"
6'-6"
3'-4"
7'-4"
REMOVE EXISTING LOUVER, TYP
MC TO REMOVE EXISTING EXHAUST FAN

2 EXTERIOR ELEVATION 2 - DEMOLITION

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


REMOVE EXISTING SIGNAGE. PREP WALL TO RECEIVE NEW SIGNAGE.
ALTERNATE 4-G - COORDINATE WITH MC.
UV WORK NOT IN SCOPE FOR BASE BID.
PEEKSKILL HIGH SCHOOL
4
GP D03
Sim
INTERMEDIATE LEVEL
16'-2 1/4"
B.O. STEEL
14'-2"
PAINT LINE
12'-8"
LOWER LEVEL
0"
3'-4" TYP.
12'-0" TYP.
REMOVE EXISTING LOUVER AND LINTEL COMPLETE, TYP
REMOVE EXISTING LOUVER, TYP
MC TO REMOVE EXISTING EXHAUST FAN
EXISTING LOUVER LOCATION TO BE REUSED, TYP

3 EXTERIOR ELEVATION 3 - DEMOLITION

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

DEMOLITION ELEVATION LEGEND

▨	REMOVE EXISTING WALL CONSTRUCTION AS REQUIRED FOR NEW WORK. HATCH INDICATES APPROXIMATE EXTENT OF REMOVAL, COORDINATE ALL TRADES. EXTENT OF DEMOLITION SHALL ALLOW FOR NEW MASONRY TO BE TOOTHED IN WHERE APPLICABLE. SEE NEW WORK PLANS FOR ADDITIONAL INFORMATION.

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Consultant:

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, NY

Revision:
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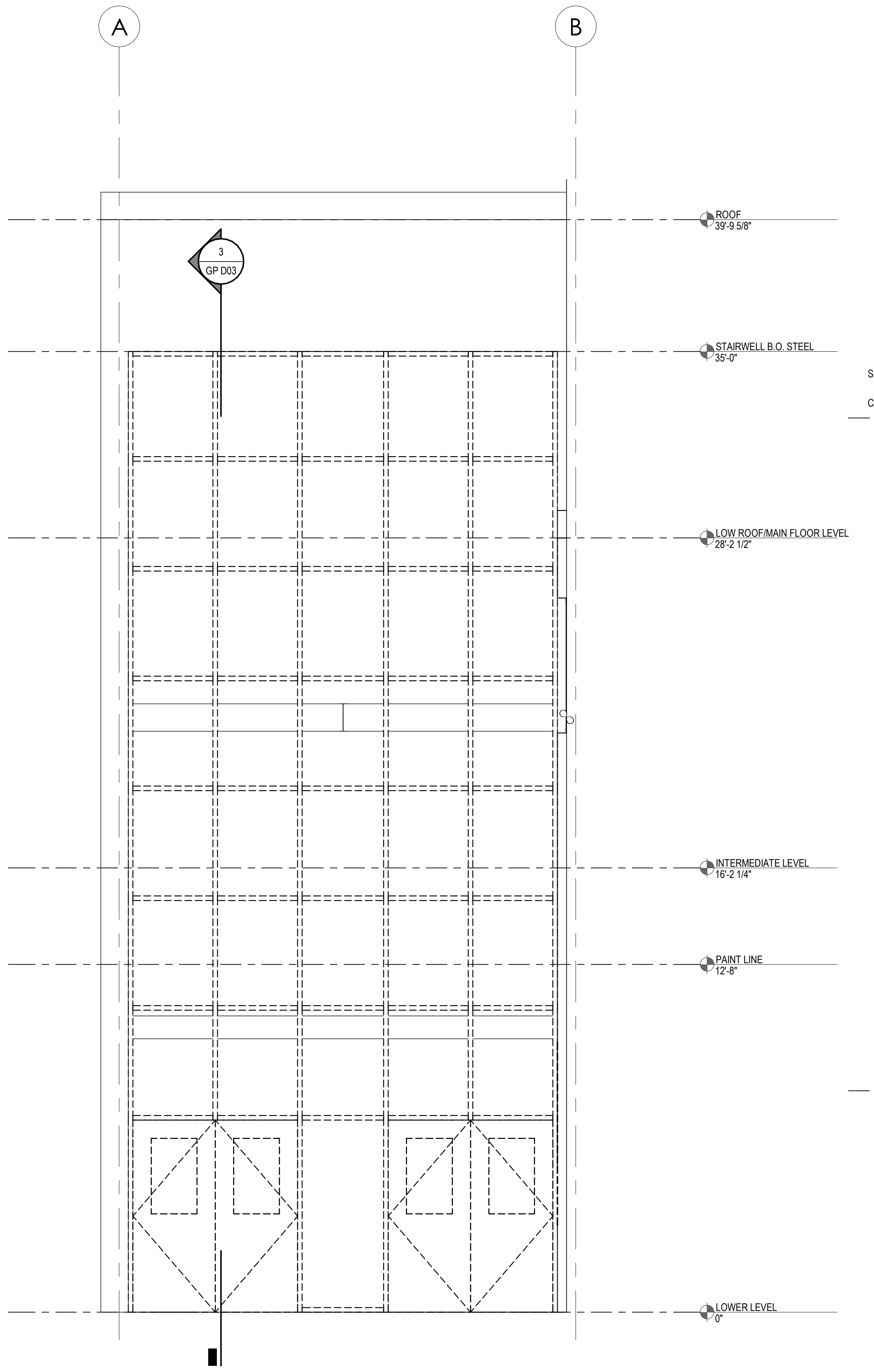
02/01/2021

Drawing Title:
DEMOLITION BUILDING ELEVATIONS

PEEKSKILL HIGH SCHOOL

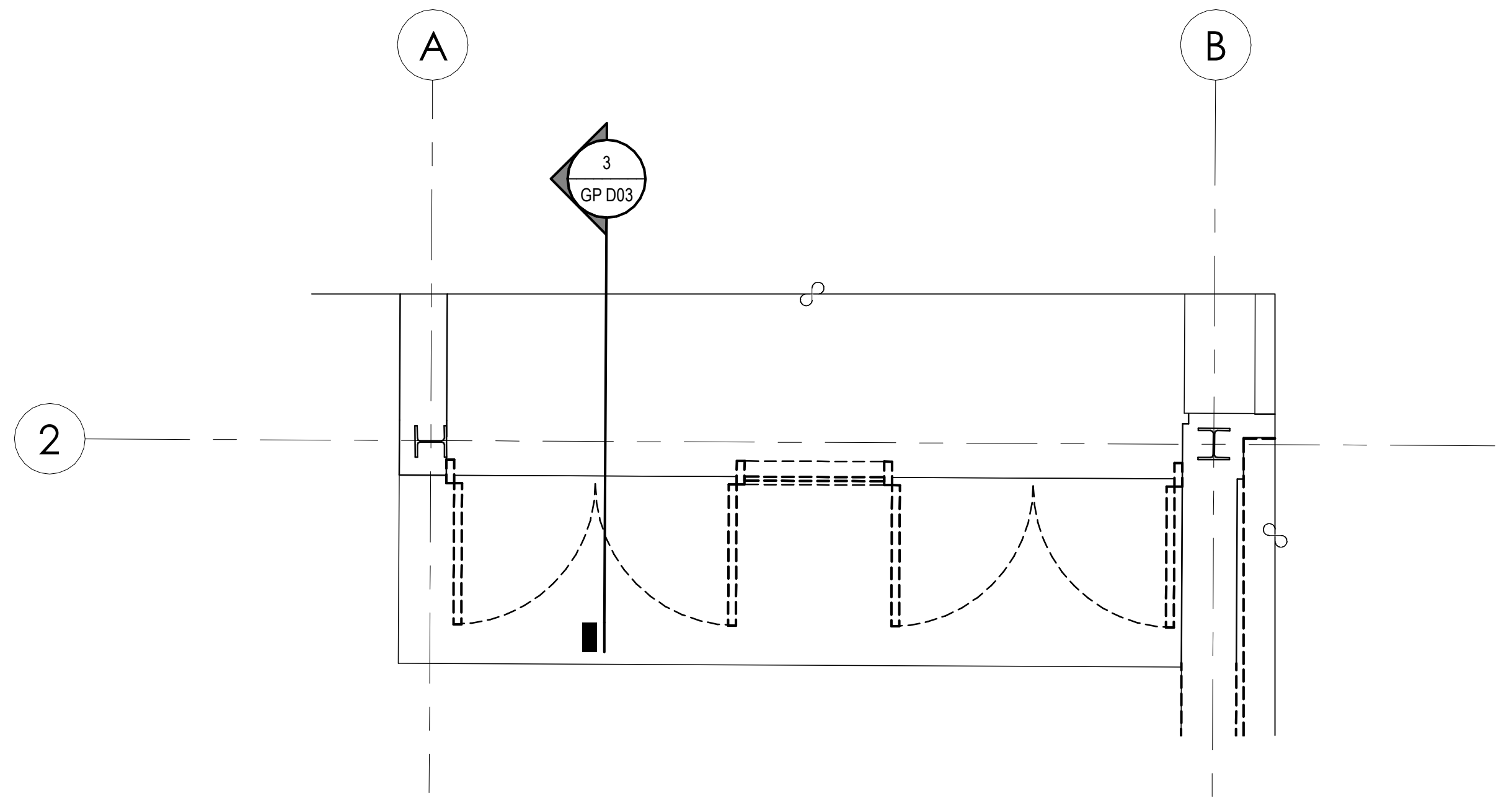
APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Drawing Number:
GP D02



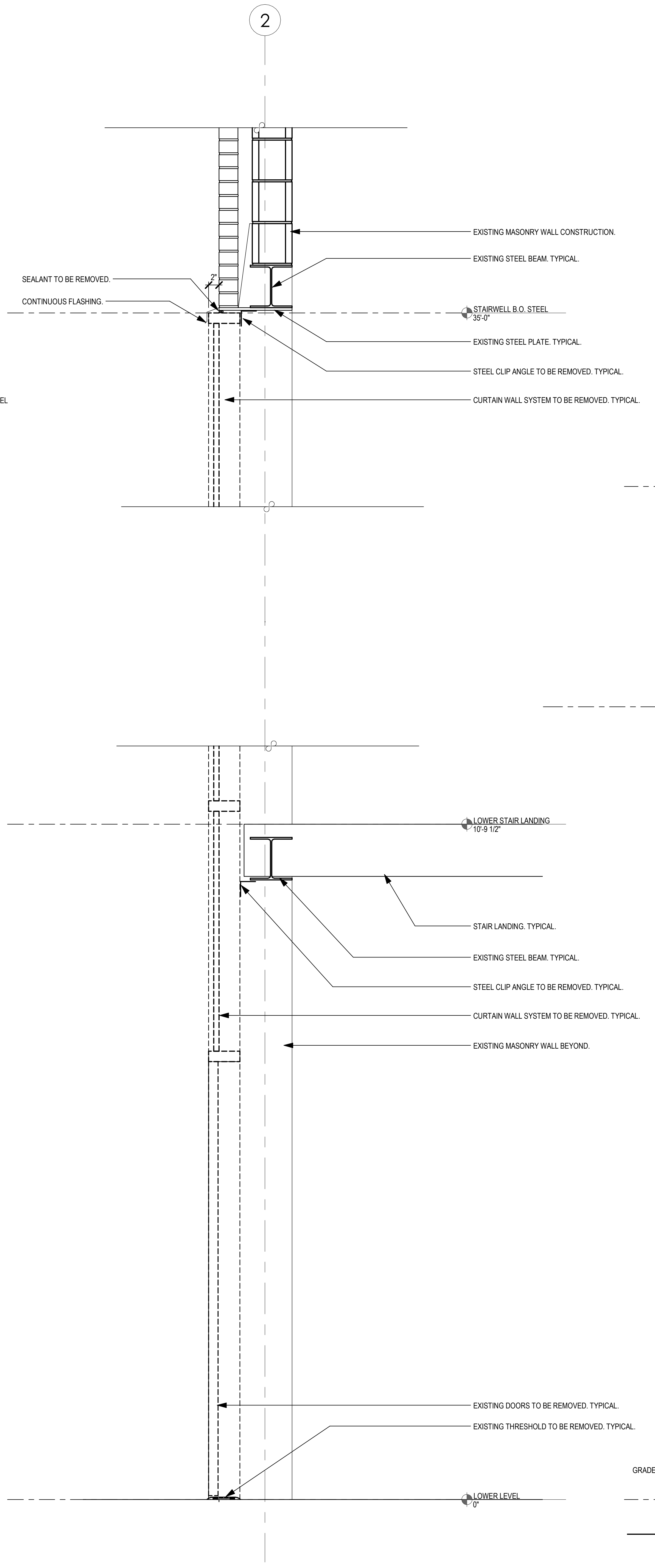
1 STAIRWAY CURTAIN WALL ELEVATION - DEMOLITION

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



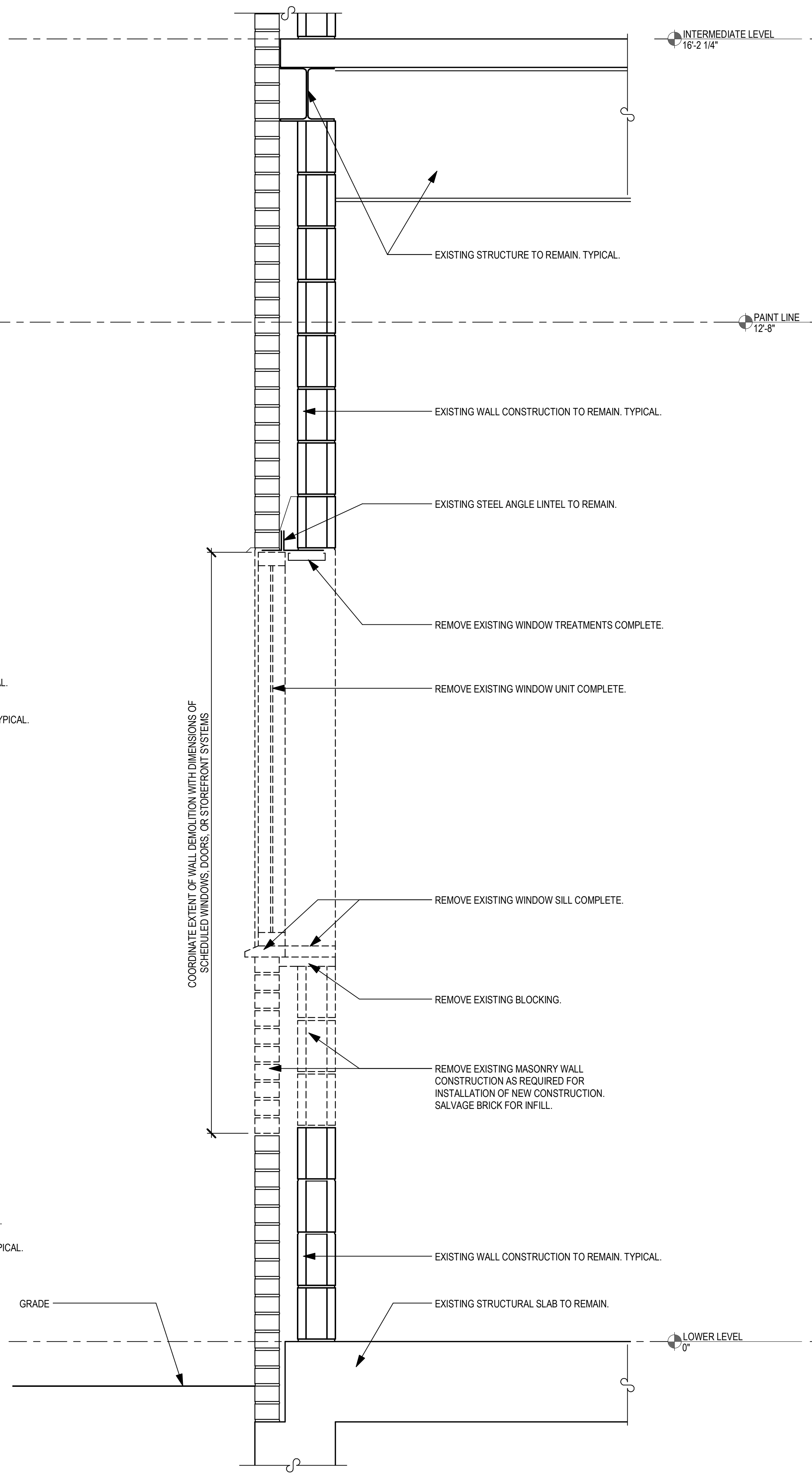
2 STAIRWAY CURTAIN WALL LOWER LEVEL PLAN - DEMOLITION

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


2
EXISTING MASONRY WALL CONSTRUCTION.
EXISTING STEEL BEAM. TYPICAL.
SEALANT TO BE REMOVED.
2"
CONTINUOUS FLASHING.
STAIRWELL B.O. STEEL
35'-0"
EXISTING STEEL PLATE. TYPICAL.
STEEL CLIP ANGLE TO BE REMOVED. TYPICAL.
CURTAIN WALL SYSTEM TO BE REMOVED. TYPICAL.
LOWER STAIR LANDING
10'-9 1/2"
STAIR LANDING. TYPICAL.
EXISTING STEEL BEAM. TYPICAL.
STEEL CLIP ANGLE TO BE REMOVED. TYPICAL.
CURTAIN WALL SYSTEM TO BE REMOVED. TYPICAL.
EXISTING MASONRY WALL BEYOND.
EXISTING DOORS TO BE REMOVED. TYPICAL.
EXISTING THRESHOLD TO BE REMOVED. TYPICAL.
LOWER LEVEL
0"

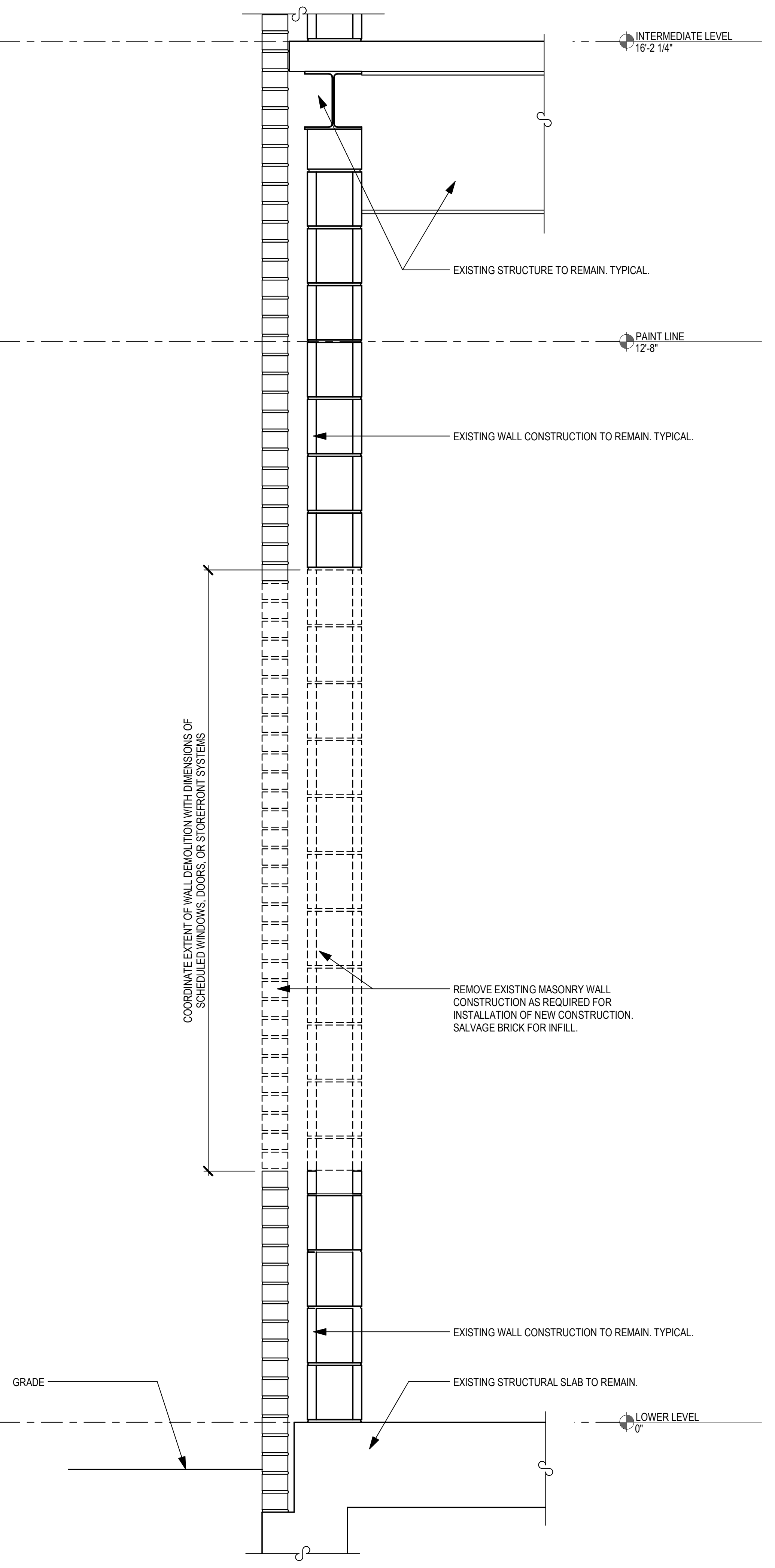
3 STAIRWAY CURTAIN WALL SECTION - DEMOLITION

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


INTERMEDIATE LEVEL
16'-2 1/4"
EXISTING STRUCTURE TO REMAIN. TYPICAL.
PAINT LINE
12'-8"
EXISTING WALL CONSTRUCTION TO REMAIN. TYPICAL.
EXISTING STEEL ANGLE LINTEL TO REMAIN.
REMOVE EXISTING WINDOW TREATMENTS COMPLETE.
REMOVE EXISTING WINDOW UNIT COMPLETE.
COORDINATE EXTENT OF WALL DEMOLITION WITH DIMENSIONS OF SCHEDULED WINDOWS, DOORS, OR STOREFRONT SYSTEMS
REMOVE EXISTING WINDOW SILL COMPLETE.
REMOVE EXISTING BLOCKING.
REMOVE EXISTING MASONRY WALL CONSTRUCTION AS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION. SALVAGE BRICK FOR INFILL.
EXISTING WALL CONSTRUCTION TO REMAIN. TYPICAL.
GRADE
EXISTING STRUCTURAL SLAB TO REMAIN.
LOWER LEVEL
0"

4 DEMOLITION WALL SECTION AT NEW WINDOWS

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


INTERMEDIATE LEVEL
16'-2 1/4"
EXISTING STRUCTURE TO REMAIN. TYPICAL.
PAINT LINE
12'-8"
EXISTING WALL CONSTRUCTION TO REMAIN. TYPICAL.
COORDINATE EXTENT OF WALL DEMOLITION WITH DIMENSIONS OF SCHEDULED WINDOWS, DOORS, OR STOREFRONT SYSTEMS
REMOVE EXISTING MASONRY WALL CONSTRUCTION AS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION. SALVAGE BRICK FOR INFILL.
EXISTING WALL CONSTRUCTION TO REMAIN. TYPICAL.
GRADE
EXISTING STRUCTURAL SLAB TO REMAIN.
LOWER LEVEL
0"

5 DEMOLITION WALL SECTION AT NEW WINDOW OPENINGS

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

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Consultant:

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, NY

Revision:
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02/01/2021

Drawing Title:
DEMOLITION WALL SECTIONS

PEEKSKILL HIGH SCHOOL

APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Drawing Number:
GP D03

2/2/2021 3:55:21 PM

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS	CEILING	REMARKS
101	**STEAM CLASSROOM**	LVT	RUB	PT	APC	
102	**STEAM CLASSROOM**	LVT	RUB	PT	APC	
102A	**STORAGE**	LVT	RUB	PT	APC	
102B	**OFFICE**	LVT	RUB	PT	APC	
103	**STEAM CLASSROOM**	LVT	RUB	PT	APC	
103B	**KILN**	LVT	RUB	PT	APC	
104	**MIXER**	LVT	RUB	PT / LAM / VWC	PSMEP / APC / SCS	
104A	**BREAK OUT**	LVT	RUB	PT	APC	
104B	**BREAK OUT**	LVT	RUB	PT	APC	
104C	**OFFICE**	LVT	RUB	PT	APC	
105	**TECH/ROBOTICS**	CONC	RUB	PT	PSMEP	ALTERNATE 5-G - PROVIDE EPOXY FLOORING
105A	**STORAGE**	CONC	RUB	PT	PSMEP	ALTERNATE 5-G - PROVIDE EPOXY FLOORING
106	**DESIGN**	LVT	RUB	PT	APC	
107	**MATH/ENGINEERING**	LVT	RUB	PT	APC	
108	**MECHANICAL**	EXR	RUB	PT	-	
109	**ADA TOILET**	EPY	EPY	PT	APC	SCOPE OF WORK SHALL BE BID FOR ALTERNATE 1-G.
110	**TOILET**	EPY	EPY	PT	APC	SCOPE OF WORK SHALL BE BID FOR ALTERNATE 1-G.
111	**TOILET**	EPY	EPY	PT	APC	SCOPE OF WORK SHALL BE BID FOR ALTERNATE 1-G.
112	**ADA TOILET**	EPY	EPY	PT	APC	SCOPE OF WORK SHALL BE BID FOR ALTERNATE 1-G.
C1	**CORRIDOR**	LVT	RUB	PT	APC / AMP	
S1	**STAIR**	EXR	EXR	EXR	EXR	
S2	**STAIR**	EXR	EXR	EXR	EXR	

ROOM FINISH SCHEDULE NOTES

FINISH KEYS

AP	ACOUSTIC PANELS
AMP	ACOUSTIC METAL PANEL CEILING SYSTEM
APC	ACOUSTIC PANEL CEILING SYSTEM
CPT	CARPET TILE
CT	CERAMIC TILE
EPY	EPOXY
EXP	EXPOSED
EXR	EXISTING TO REMAIN
FF	PRE-APPLIED FACTORY FINISH
LAM	LAMINATE WALL FINISH
LVT	LUXURY VINYL TILE
PME	PATCH AND FINISH TO MATCH EXISTING ADJACENT
PT	PAINT
PSMEP	PAINT STRUCTURE AND MEP
RUB	RUBBER
SCS	SUSPENDED CLOUD SYSTEM
SPR	SPRAY ACOUSTIC TREATMENT
VWC	VINYL WALL COVERING

GENERAL NOTES:

1. AT ALL AREAS DISTURBED BY CONSTRUCTION, PATCH AND REFINISH TO MATCH EXISTING ADJACENT FINISHES.
2. CLEAN, PATCH, AND PREPARE EXISTING SUBSTRATES TO RECEIVE NEW FINISHES. COMPLY WITH MANUFACTURER'S REQUIREMENTS FOR PREPARATION AND INSTALLATION OF ALL FINISHES. VERIFY PROPER ENVIRONMENTAL CONDITIONS AND SUBSTRATE CONDITIONS PRIOR TO INSTALLATION.
3. PROVIDE TYPICAL BASE AT ALL CASEWORK.
4. PAINT ALL NEW WORK EXCEPT PRE-FINISHED ITEMS, TYPICAL.
5. AT CHANGE OF FLOOR MATERIALS, PROVIDE RUBBER OR METAL TRANSITION TRIM, UNLESS OTHERWISE NOTED.
6. AT DOOR OPENINGS, CENTER CHANGE IN FLOOR FINISH (EITHER IN TYPE OR COLOR) UNDER DOOR IN CLOSED POSITION.
7. SEE CEILING PLANS FOR CEILING HEIGHTS AND ADDITIONAL INFORMATION.
8. SEE FLOOR TILE LAYOUT DRAWINGS (IF ISSUED) FOR ADDITIONAL INFORMATION.
9. AT ALL HANDICAP ACCESSIBLE SINK BASE CABINETRY, PROVIDE FINISH FLOOR, BASE AND FINISH EXPOSED WALL SURFACES TO MATCH ROOM WALL FINISHES, TYPICAL.

SED NUMBERS: ■ PEEKSKILL HIGH SCHOOL: 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY: 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY: 66-15-00-01-0-007-015

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GP
020

Drawing Title:
ROOM FINISH SCHEDULE

PEEKSKILL HIGH SCHOOL

APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Revision:
ISSUED FOR BID
02/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, NY

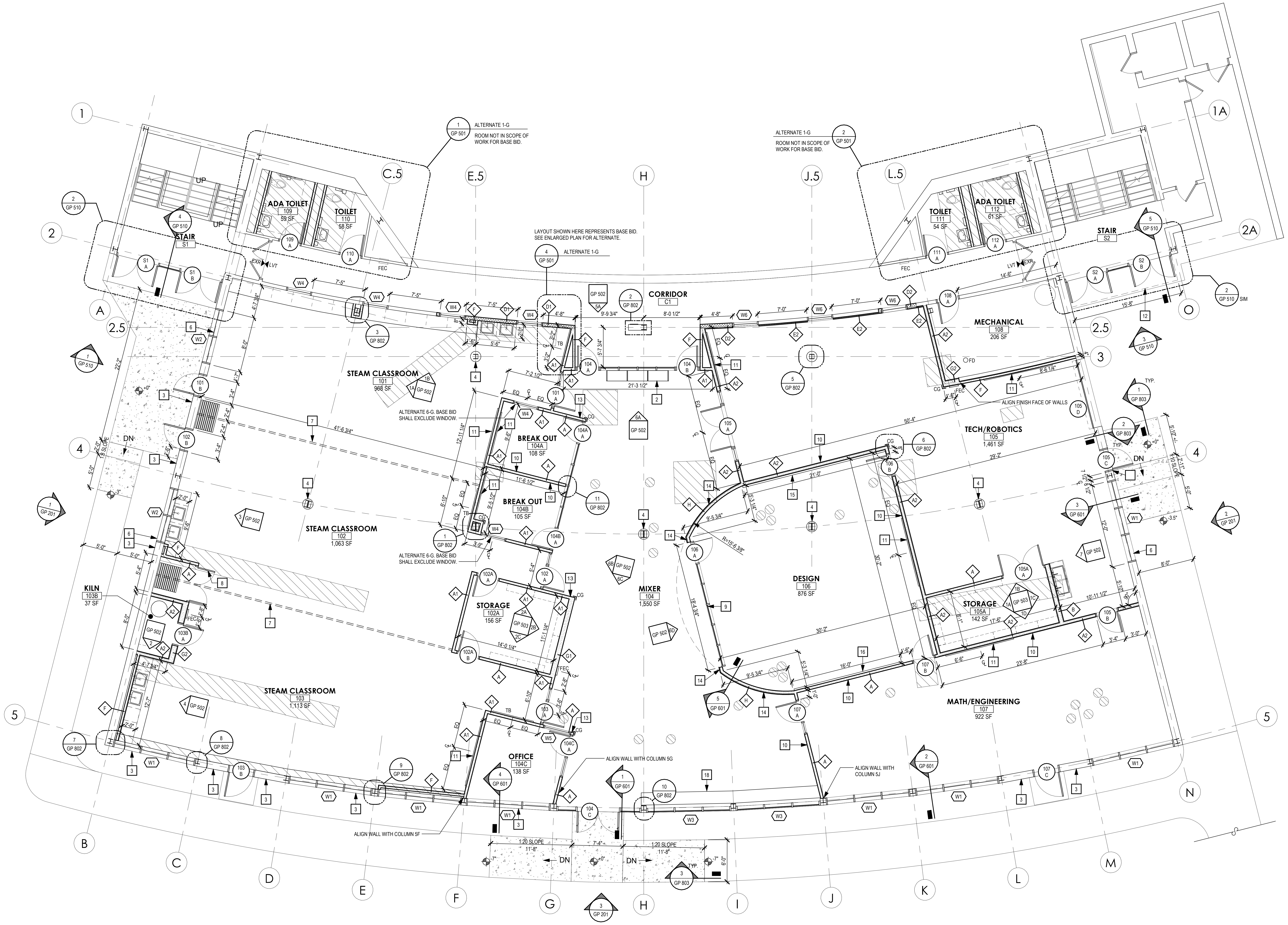
Seal

Consultant:

MOSAIC
ASSOCIATES

Mosaic Associates Architects, DPC
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

2/2/2021 4:30:03 PM



LOWER LEVEL FLOOR PLAN

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

GENERAL FLOOR PLAN NOTES

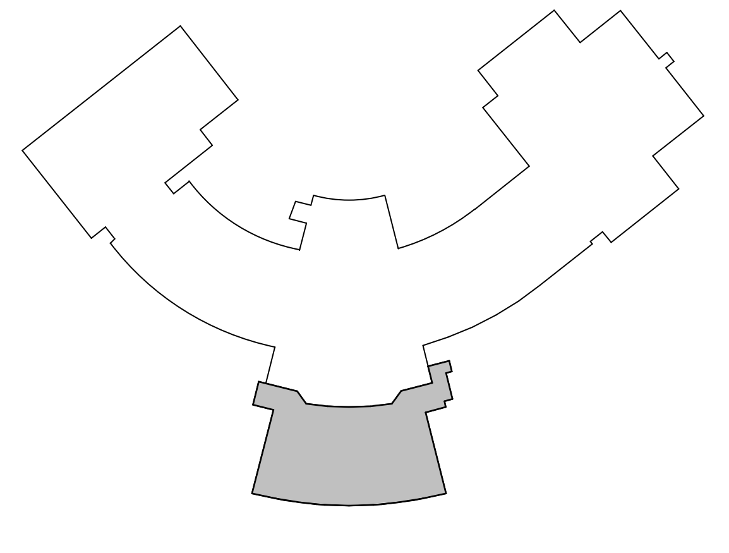
1. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO PROCEEDING WITH WORK. IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCY. ADJUST DIMENSIONS OF NEW WORK AS REQUIRED BY THE ARCHITECT.
2. DIMENSIONS SHOWN ON PLANS ARE TO FACE OF NOMINAL MASONRY WALLS, THE CENTER LINES OF COLUMNS, OR THE FINISHED FACE OF GWB ASSEMBLIES UNLESS NOTED OTHERWISE. DIMENSION STRINGS THROUGH WINDOW OPENINGS ARE TO FACE OF WALL AND DO NOT INCLUDE SILL OVERHANGS.
3. ALL PARTITIONS ARE CENTERED ON COLUMN LINES UNLESS NOTED OR DIMENSIONED OTHERWISE.
4. REFER TO DRAWING GP801 FOR WALL TYPE DESIGNATIONS AND DESCRIPTIONS.
5. ALL INTERIOR CMU WALLS ARE TYPE XXX UNLESS NOTED OTHERWISE.
6. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS, UNLESS NOTED OTHERWISE.
7. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS INCLUDING BUT NOT LIMITED TO: LINTELS, BRACING, BOND BEAMS, BEARING WALL LOCATIONS, GROUTING, REINFORCING REQUIREMENTS, AND LOCATIONS AND SIZES OF CONCRETE PADS.
8. GC SHALL COORDINATE ALL MECHANICAL CHASES AND WALL OPENINGS WITH EC, ME, AND PC. GC SHALL PROVIDE ALL OPENINGS AND LINTELS AS REQUIRED. COORDINATE MASONRY OPENING SIZES AND DETAILS FOR LOUVERS WITH MC.
9. ALL NEW DRINKING FOUNTAINS, FLOOR DRAINS, LAVATORIES, WATER CLOSETS, URINALS TO BE PROVIDED BY PC.
10. PROVIDE CONTINOUS 6" WIDE 16 GA GALVANIZED STEEL STRAP IN METAL STUD WALLS TO RECEIVE NEW CASEWORK, SHELVING, TOILET PARTITIONS, TOILET ACCESSORIES, LOCKERS, OR OTHER WALL MOUNTED EQUIPMENT. SEE EQUIPMENT DRAWINGS, PARTIAL PLANS, AND INTERIOR ELEVATIONS. COORDINATE EXACT LOCATIONS IN FIELD. PROVIDE CONTINOUS METAL STAPPING ACROSS FACE OF STUDS IN ALL LOCATIONS WHERE NEW CABINETS ABUT NEW STUD WALLS AS FOLLOWS:
    A. TOP AND BOTTOM OF BASE CABINETS
    B. TOP AND BOTTOM OF WALL CABINETS
    C. TOP, BOTTOM, AND MIDPOINT OF TALL CABINETS
    D. TOP, BOTTOM, AND MIDPOINT OF COUNTERTOP SUPPORTS
    E. TOP, BOTTOM, AND MIDPOINT OF SHELVING STANDARDS
13. AT CMU INFILL, TOOTH-IN AND PATCH WALL AREA. RESTORE EXPOSED FINISHES OF ADJACENT AREAS AND EXTEND FINISHES INTO ADJOINING CONSTRUCTION TO REMAIN IN THE MANNER THAT ELIMINATES EVIDENCE OF PATCHING AND REFINISHING.
14. GENERAL CONTRACTOR TO PROVIDE ALL CONCRETE SLAB REMOVALS AND SLAB INFILLS FOR ALL CONTRACTORS INSIDE THE BUIDLING. EXCAVATION AND BACKFILL IS BY EACH CONTRACTOR FOR THEIR OWN WORK. CONTRACTORS SHALL COORDINATE EXACT SIZES AND LOCATIONS.

NEW WORK PLAN LEGEND

░	NEW CONCRETE FROST-PROOF LANDING OR RAMP. REFER TO DIMENSIONS AND DETAILS FOR CONSTRUCTION INFORMATION.
▨	INFILL NEW CONCRETE FLOOR SLAB WHERE REMOVED. HATCH INDICATES APPROXIMATE EXTENT OF INFILL, COORDINATE ALL TRADES. SEE STRUCTURAL DRAWINGS FOR SLAB INFILL INFORMATION.

NEW CONSTRUCTION KEYNOTES

1	NOT USED.
2	DISPLAY CASE. SEE 6A/GP502 AND GP901 FOR DETAILS.
3	INFILL EXISTING WALL OPENING WITH CMU BACKUP AND SALVAGED FACE BRICK TO MATCH EXISTING ADJACENT MASONRY. TOOTH IN BRICK AND CMU.
4	FORMED METAL COLUMN ENCLOSURE. SEE DETAIL 5/GP802.
5	NOT USED.
6	PROVIDE LOOSE STEEL LINTEL. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. GC SHALL PROVIDE ALL OPENINGS AND LINTELS IN MASONRY WALLS FOR THE WORK OF OTHER TRADES. COORDINATE WITH MEP DRAWINGS FOR SIZES AND LOCATIONS.
7	ALTERNATE 2-G: OPERABLE MARKERBOARD PARTITION.BASE BID SHALL BE WALL TYPE A1 WITH PAINTED DRY ERASE COATING ON BOTH SIDES.
8	ALTERNATE 2-G: OPERABLE PARTITION POCKET DOOR FOR OPERABLE MARKERBOARD PARTITION.
9	FOLDING GLASS PARTITION WITH INSWING DOOR.
10	PAINT WALL FLOOR TO CEILING WITH DRY ERASE COATING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
11	FLAT PANEL DISPLAY BY OWNER. INSTALL (2) ROWS X 48" LONG FIRE-TREATED WOOD BACKING PLATE WITHIN WALL. COORDINATE EXACT LOCATION IN FIELD.
12	SUNSHADE CANOPY ABOVE DOORS. SEE SECTION 4/GP510.
13	WALL TO RECEIVE VINYL WALL COVERING (VWC) WITH CUSTOM GRAPHIC.
14	METALLIC LAMINATE PANEL CLADDING SYSTEM. SEE WALL SECTION 5/GP601.
15	TRACK AND CABLE ART DISPLAY SYSTEM MOUNTED AT 8'-0" AFF.
16	ART DISPLAY RAIL SYSTEM MOUNTED AT 6'-0" AFF.
17	MANUALLY OPERATED OVERHEAD DOOR IN EXISTING OPENING.
18	BUILT-IN BENCH. SEE GP/901 FOR DETAILS.



KEY PLAN - LOWER LEVEL

NOT TO SCALE

SED NUMBERS: ■ PEEKSKILL HIGH SCHOOL: 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY: 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY: 66-15-00-01-0-007-015

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES. ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

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Consultant:

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, NY

Revision:
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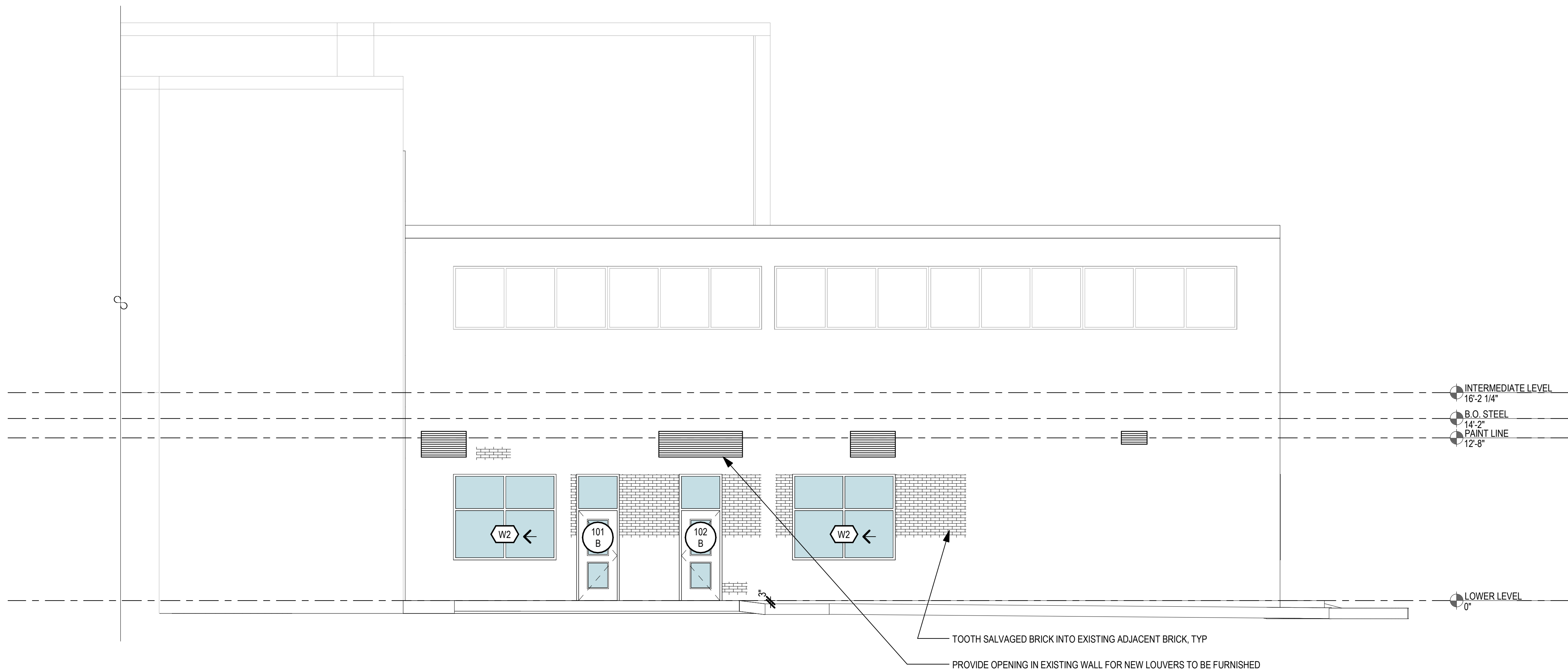
02/01/2021

Drawing Title:
LOWER LEVEL FLOOR PLAN
PEEKSKILL HIGH SCHOOL

APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Drawing Number:
GP 101

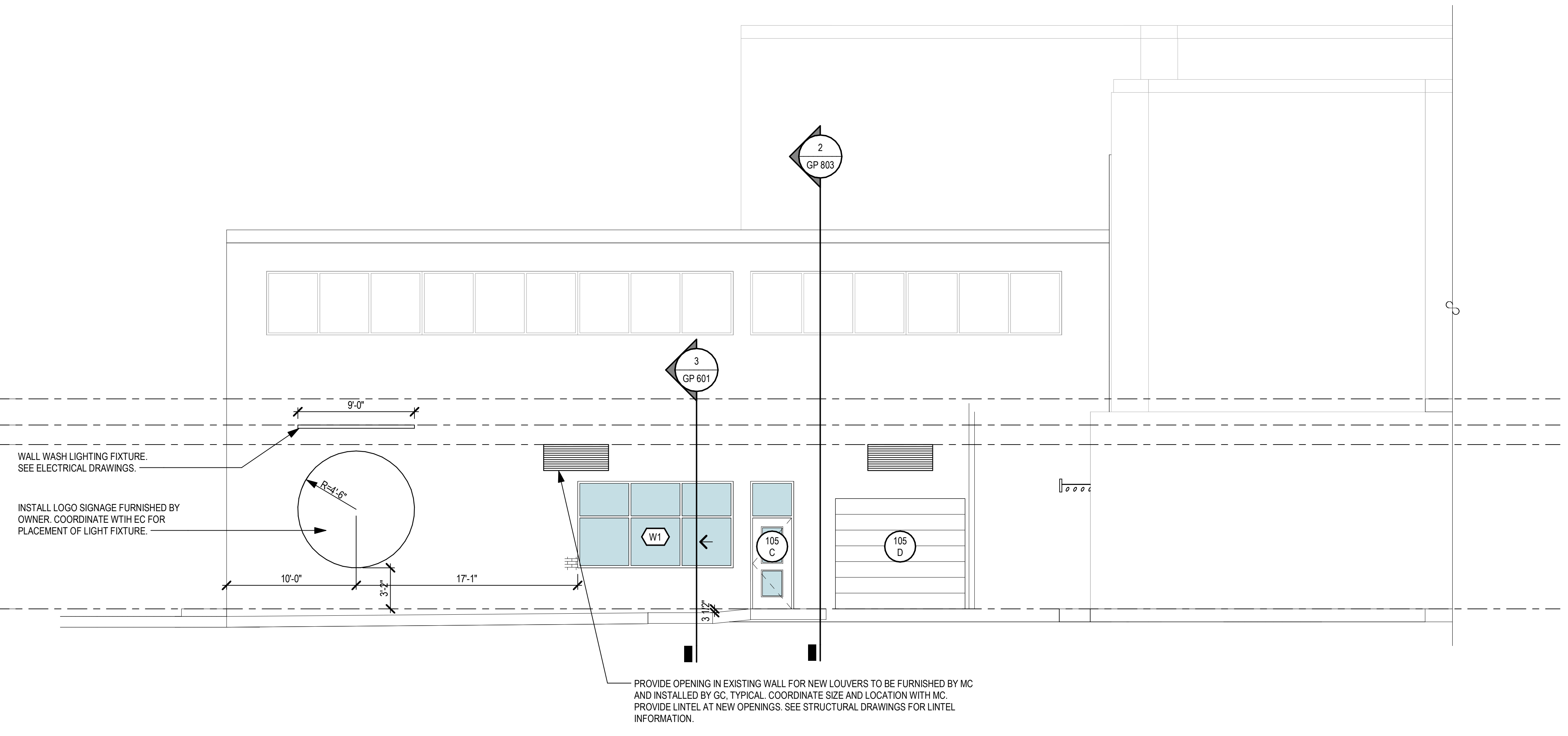


TOOTH SALVAGED BRICK INTO EXISTING ADJACENT BRICK, TYP

PROVIDE OPENING IN EXISTING WALL FOR NEW LOUVERS TO BE FURNISHED BY MC AND INSTALLED BY GC, TYPICAL. COORDINATE SIZE AND LOCATION WITH MC. PROVIDE LINTEL AT NEW OPENINGS. SEE STRUCTURAL DRAWINGS FOR LINTEL INFORMATION.

1 EXTERIOR ELEVATION 1

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



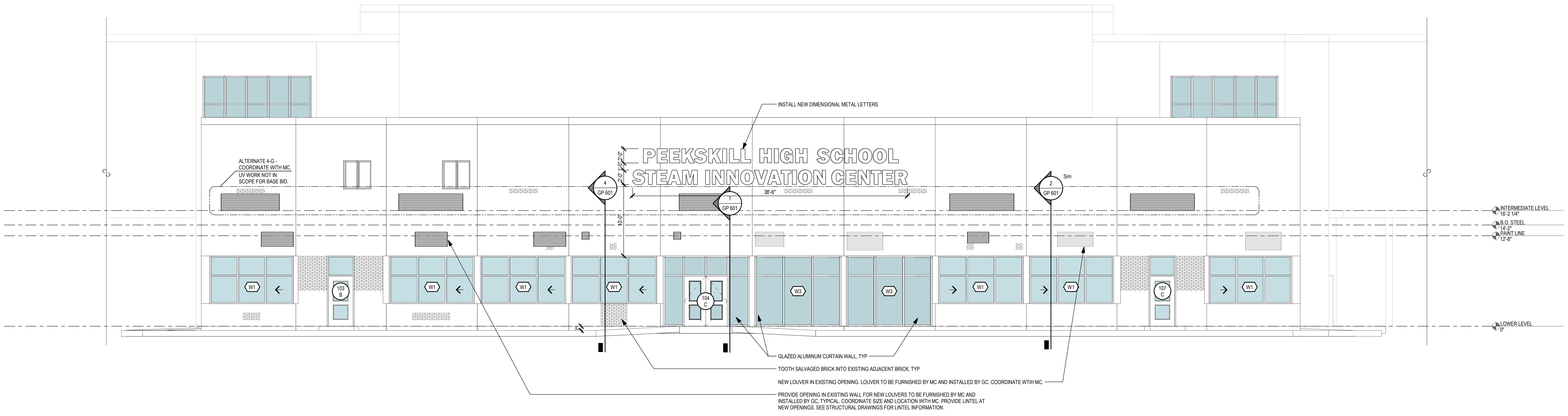
WALL WASH LIGHTING FIXTURE. SEE ELECTRICAL DRAWINGS.

INSTALL LOGO SIGNAGE FURNISHED BY OWNER. COORDINATE WTIH EC FOR PLACEMENT OF LIGHT FIXTURE.

PROVIDE OPENING IN EXISTING WALL FOR NEW LOUVERS TO BE FURNISHED BY MC AND INSTALLED BY GC, TYPICAL. COORDINATE SIZE AND LOCATION WITH MC. PROVIDE LINTEL AT NEW OPENINGS. SEE STRUCTURAL DRAWINGS FOR LINTEL INFORMATION.

2 EXTERIOR ELEVATION 2

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



ALTERNATE 4-G - COORDINATE WITH MC. UV WORK NOT IN SCOPE FOR BASE BID.

INSTALL NEW DIMENSIONAL METAL LETTERS

GLAZED ALUMINUM CURTAIN WALL, TYP

TOOTH SALVAGED BRICK INTO EXISTING ADJACENT BRICK, TYP

NEW LOUVER IN EXISTING OPENING. LOUVER TO BE FURNISHED BY MC AND INSTALLED BY GC. COORDINATE WTIH MC.

PROVIDE OPENING IN EXISTING WALL FOR NEW LOUVERS TO BE FURNISHED BY MC AND INSTALLED BY GC, TYPICAL. COORDINATE SIZE AND LOCATION WITH MC. PROVIDE LINTEL AT NEW OPENINGS. SEE STRUCTURAL DRAWINGS FOR LINTEL INFORMATION.

3 EXTERIOR ELEVATION 3

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

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Drawing Number:
**GP
201**

Drawing Title:
BUILDING ELEVATIONS

PEEKSKILL HIGH SCHOOL

APN: 1901.2
Date: 02/01/2021
Drawn by: JN

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Phase Two**

Peekskill City School District
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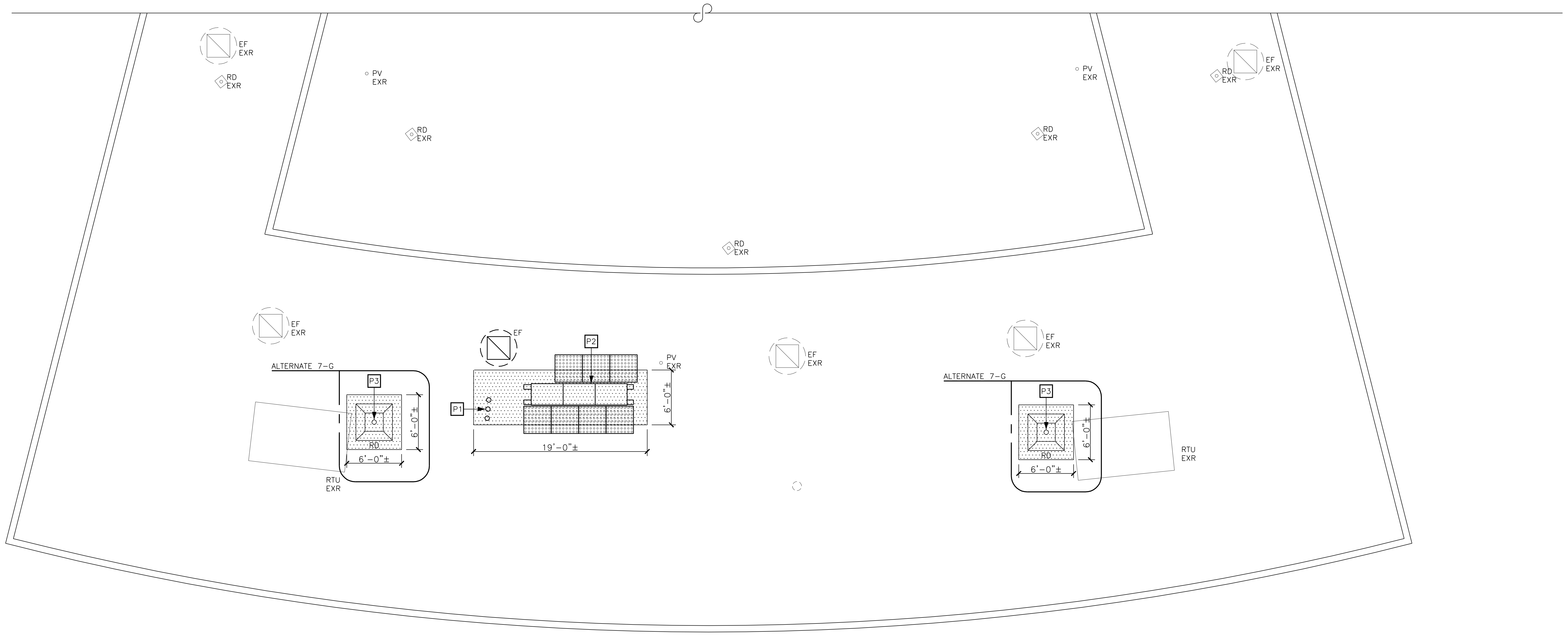
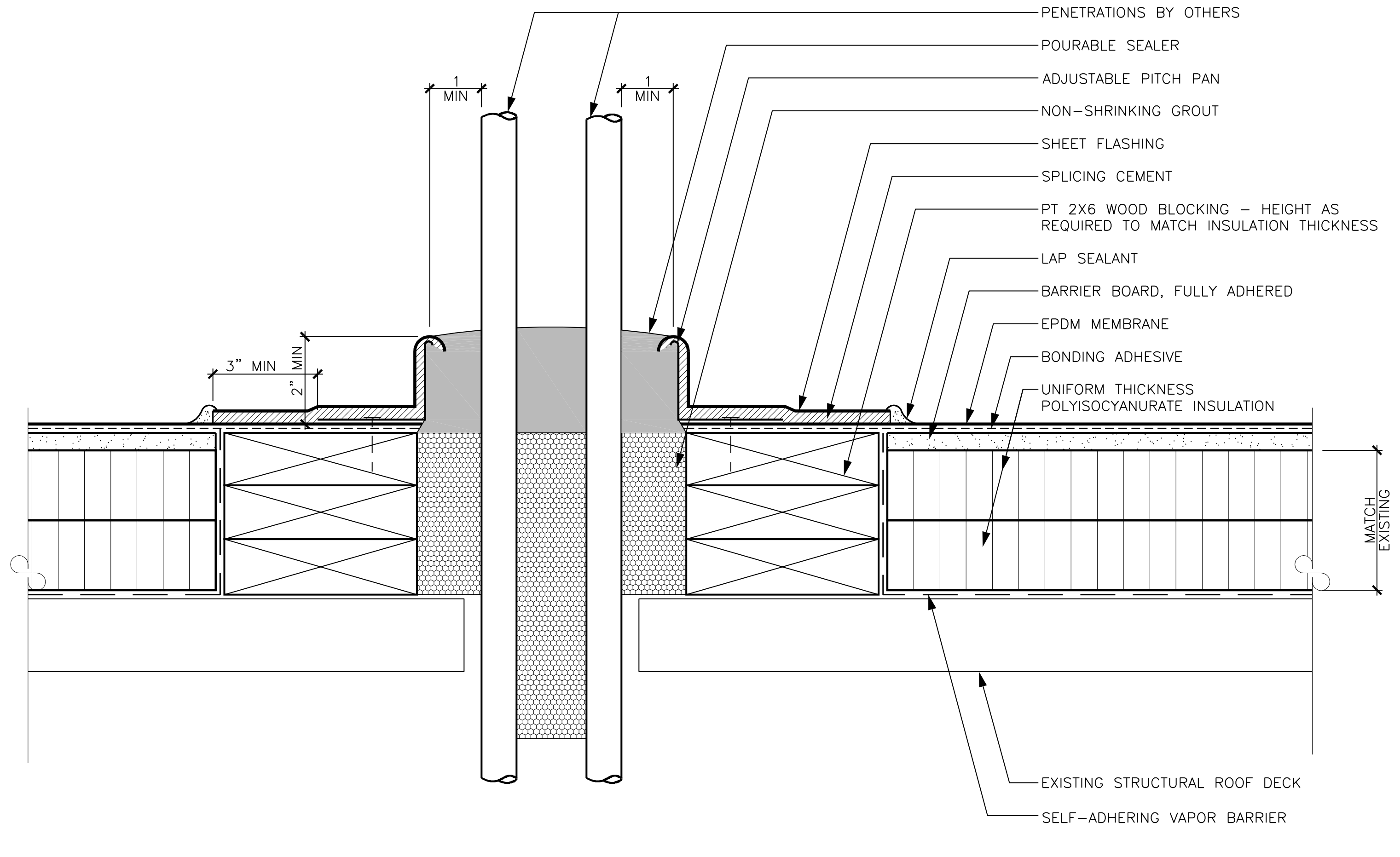
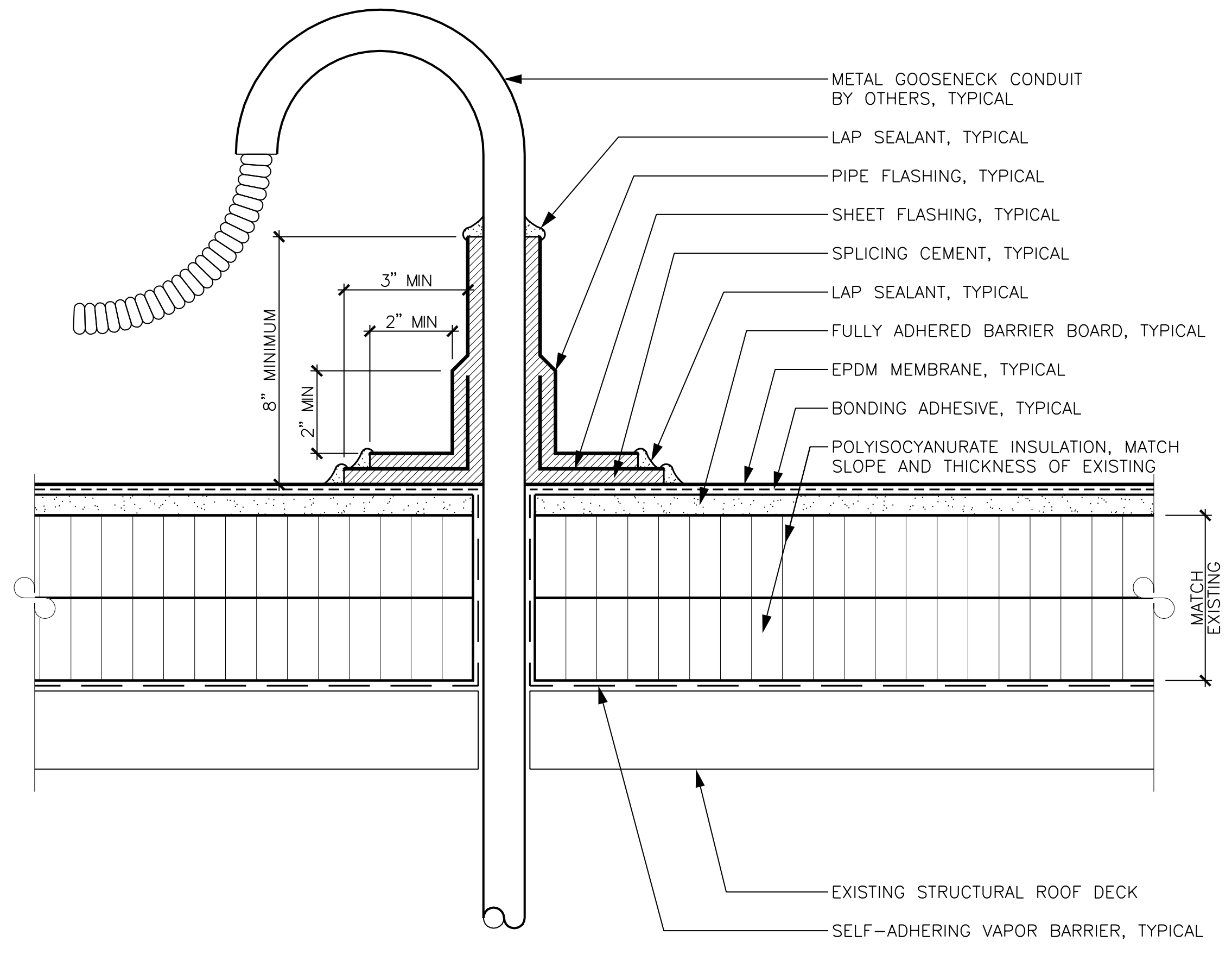


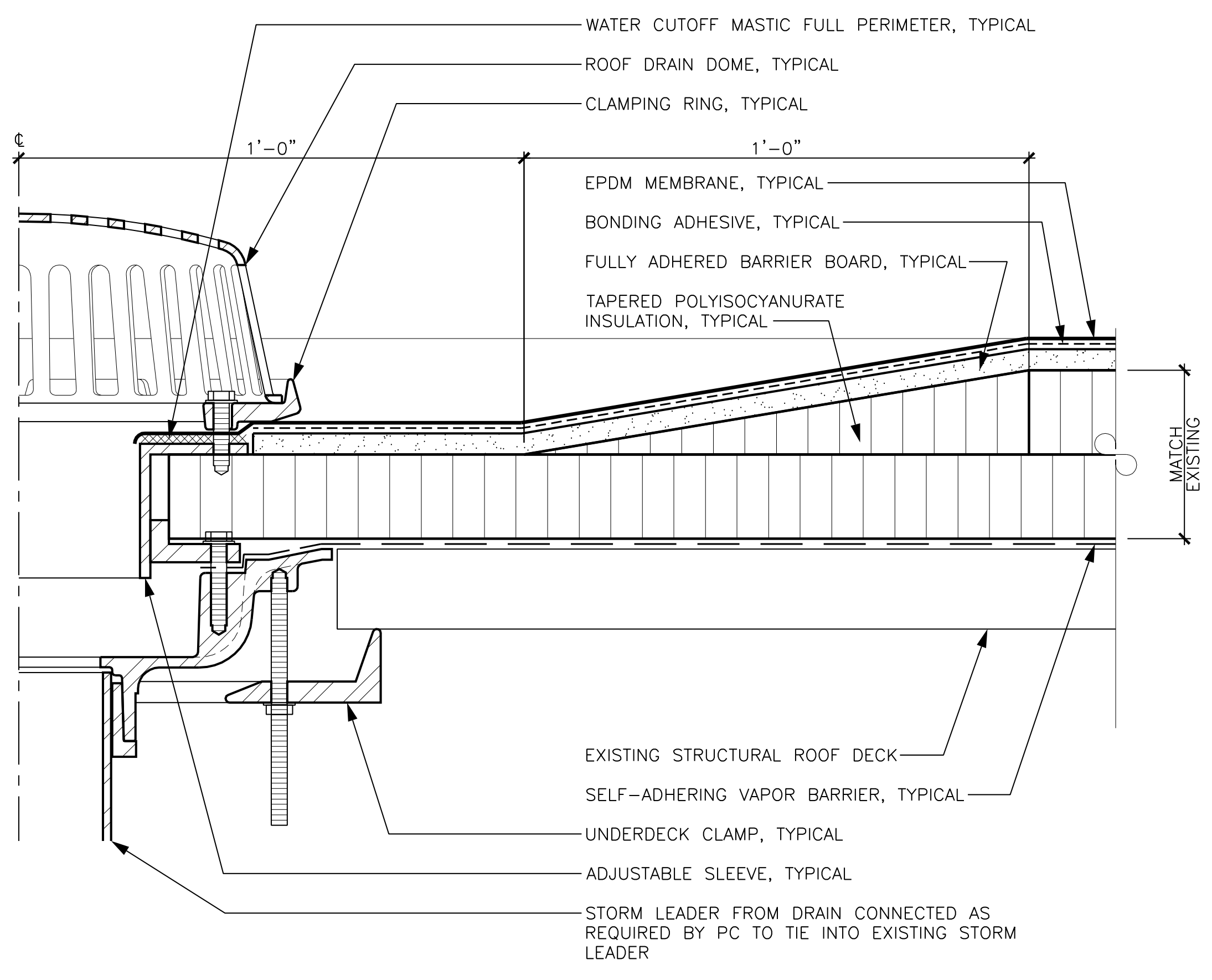
① **PARTIAL ROOF PLAN - AREA A**
SCALE : 1/8" = 1'-0"


1" MIN
1" MIN
3" MIN
2" MIN
PENETRATIONS BY OTHERS
POURABLE SEALER
ADJUSTABLE PITCH PAN
NON–SHRINKING GROUT
SHEET FLASHING
SPLICING CEMENT
PT 2X6 WOOD BLOCKING – HEIGHT AS REQUIRED TO MATCH INSULATION THICKNESS
LAP SEALANT
BARRIER BOARD, FULLY ADHERED
EPDM MEMBRANE
BONDING ADHESIVE
UNIFORM THICKNESS POLYISOCYANURATE INSULATION
MATCH EXISTING
EXISTING STRUCTURAL ROOF DECK
SELF–ADHERING VAPOR BARRIER

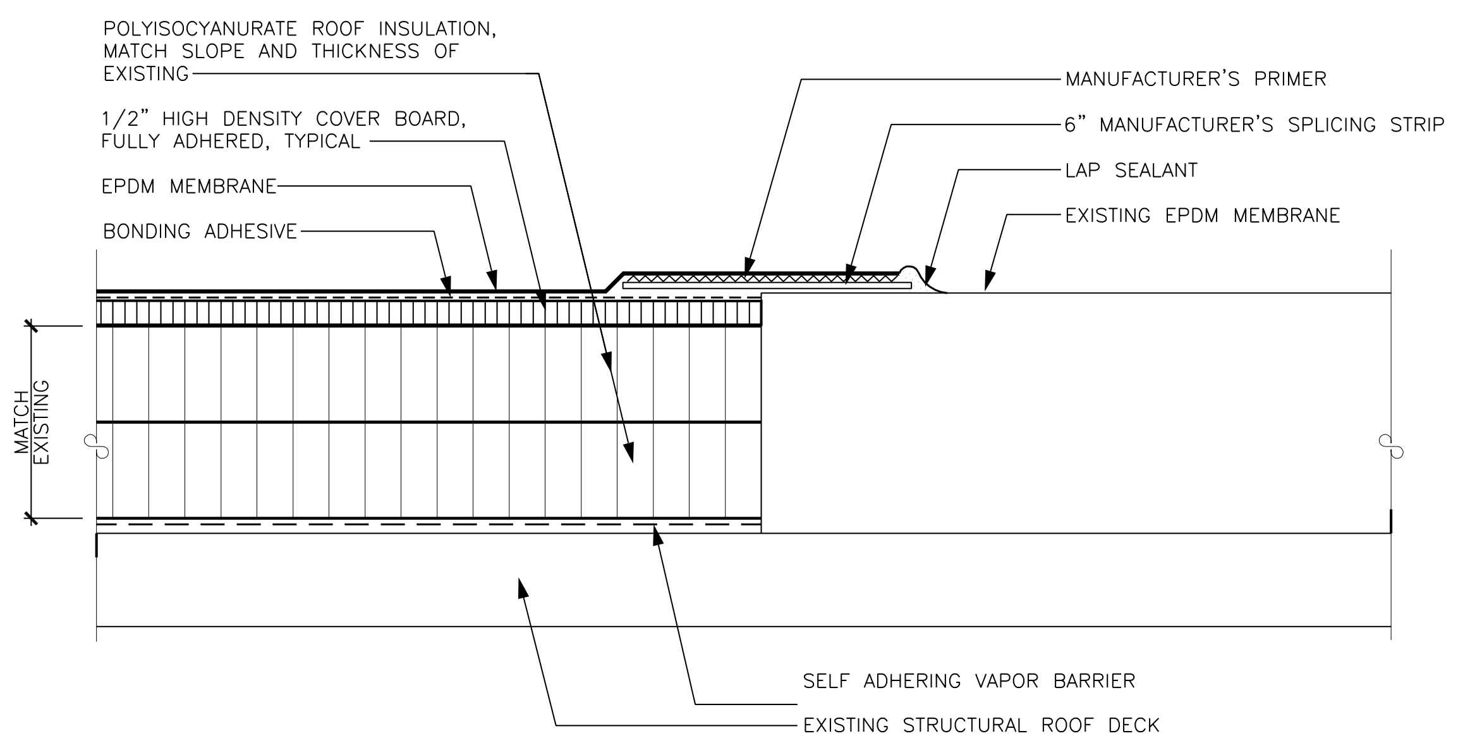
② **POURABLE SEALER POCKET DETAIL**
SCALE : 3" = 1'-0"


3" MIN
2" MIN
8" MINIMUM
2" MIN
METAL GOOSENECK CONDUIT BY OTHERS, TYPICAL
LAP SEALANT, TYPICAL
PIPE FLASHING, TYPICAL
SHEET FLASHING, TYPICAL
SPLICING CEMENT, TYPICAL
LAP SEALANT, TYPICAL
FULLY ADHERED BARRIER BOARD, TYPICAL
EPDM MEMBRANE, TYPICAL
BONDING ADHESIVE, TYPICAL
POLYISOCYANURATE INSULATION, MATCH SLOPE AND THICKNESS OF EXISTING
MATCH EXISTING
EXISTING STRUCTURAL ROOF DECK
SELF–ADHERING VAPOR BARRIER, TYPICAL

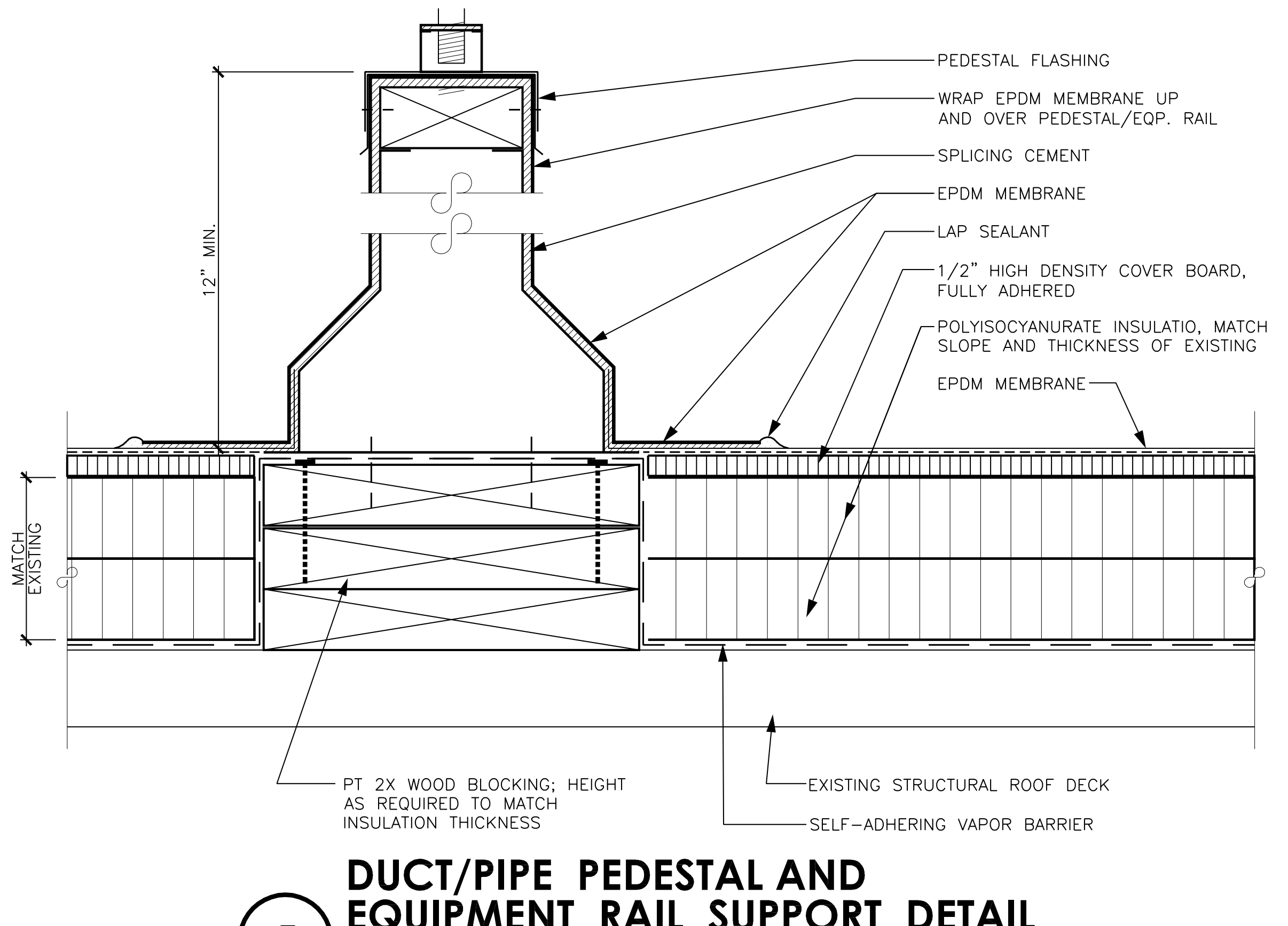
③ **CONDUIT PENETRATION DETAIL**
SCALE : 3" = 1'-0"


WATER CUTOFF MASTIC FULL PERIMETER, TYPICAL
ROOF DRAIN DOME, TYPICAL
CLAMPING RING, TYPICAL
1'–0"
1'–0"
EPDM MEMBRANE, TYPICAL
BONDING ADHESIVE, TYPICAL
FULLY ADHERED BARRIER BOARD, TYPICAL
TAPERED POLYISOCYANURATE INSULATION, TYPICAL
MATCH EXISTING
EXISTING STRUCTURAL ROOF DECK
SELF–ADHERING VAPOR BARRIER, TYPICAL
UNDERDECK CLAMP, TYPICAL
ADJUSTABLE SLEEVE, TYPICAL
STORM LEADER FROM DRAIN CONNECTED AS REQUIRED BY PC TO TIE INTO EXISTING STORM LEADER

⑥ **ROOF DRAIN AND SUMP DETAIL**
SCALE : 3" = 1'-0"


POLYISOCYANURATE ROOF INSULATION, MATCH SLOPE AND THICKNESS OF EXISTING
1/2" HIGH DENSITY COVER BOARD, FULLY ADHERED, TYPICAL
EPDM MEMBRANE
BONDING ADHESIVE
MANUFACTURER'S PRIMER
6" MANUFACTURER'S SPLICING STRIP
LAP SEALANT
EXISTING EPDM MEMBRANE
MATCH EXISTING
SELF ADHERING VAPOR BARRIER
EXISTING STRUCTURAL ROOF DECK

④ **MEMBRANE SPLICE DETAIL**
SCALE : 3" = 1'-0"


12" MIN.
PEDESTAL FLASHING
WRAP EPDM MEMBRANE UP AND OVER PEDESTAL/EQP. RAIL
SPLICING CEMENT
EPDM MEMBRANE
LAP SEALANT
1/2" HIGH DENSITY COVER BOARD, FULLY ADHERED
POLYISOCYANURATE INSULATIO, MATCH SLOPE AND THICKNESS OF EXISTING
EPDM MEMBRANE
MATCH EXISTING
PT 2X WOOD BLOCKING; HEIGHT AS REQUIRED TO MATCH INSULATION THICKNESS
EXISTING STRUCTURAL ROOF DECK
SELF–ADHERING VAPOR BARRIER

⑤ **DUCT/PIPE PEDESTAL AND EQUIPMENT RAIL SUPPORT DETAIL**
SCALE : 3" = 1'-0"

GENERAL ROOF NOTES

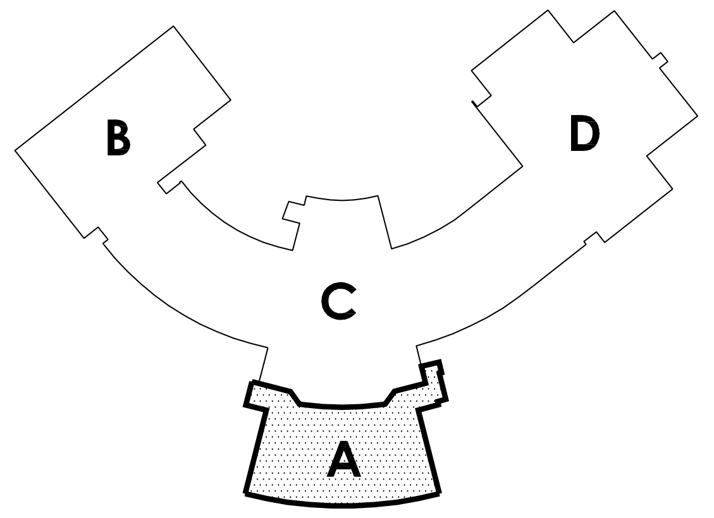
1. AT EXISTING BUILDING, COMPLETELY REMOVE ALL EXISTING ROOFING, BASE FLASHINGS AND INSULATIONS IN AREAS TO RECEIVE NEW ROOFING. PREPARE EXISTING ROOF DECK TO RECEIVE NEW ROOFING SYSTEM
2. EXISTING ROOF DECK IS CONCRETE
3. FIELD VERIFY AND REMOVE ALL ITEMS NECESSARY FOR INSTALLATION OF NEW WORK, INCLUDING BUT NOT LIMITED TO: FLASHINGS, COUNTERFLASHINGS, REGLETS, TERMINATION BARS, BATTENS, FASTENING STRIPS, CAULKING, ALL ASSOCIATED FASTENERS AND CONSTRUCTION
4. FIELD VERIFY ALL DIMENSIONS AND ROOF PENETRATION QUANTITIES AND SIZES. IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCY. ADJUST DIMENSIONS OF NEW WORK AS REQUIRED BY THE ARCHITECT
5. GC TO PROVIDE ALL ROOF CUTTING AND PATCHING FOR ROOF OPENINGS REQUIRED BY OTHER TRADES, AS SHOWN ON DRAWINGS, TYPICAL
6. PROVIDE 1/2" PER FOOT MINIMUM TAPERED INSULATION CRICKETS AT ALL NEW AND EXISTING ROOFTOP CURBS TO FLOW WATER AROUND CURB
7. PROVIDE PITCH POCKETS PER DETAIL AT ALL NEW CONDENSING UNITS, ROOF TOP UNITS, ETC
8. PROVIDE 20 LINEAR FEET OF WALKWAY PADS. LOCATION TO BE FIELD VERIFIED BY ARCHITECT
9. ALL WORK MUST BE DONE IN ACCORDANCE WITH AND TO MAINTAIN EXISTING ROOF WARRANTY

ROOF PLAN KEYNOTES

P1	PROVIDE FLASHING FOR ALL NEW PENETRATIONS PER ROOF DETAILS.
P2	NEW CONDENSING UNIT BY MC. INSTALL PITCH POCKETS AND EQUIPMENT RAILS, FURNISHED BY OTHERS, PER ROOF DETAILS.
P3	ALTERNATE 7–G: INSTALL NEW ROOF DRAIN, FURNISHED BY PC. PC TO CONNECT TO EXISTING STORM LEADER. COORDINATE WITH PC.

ROOF RECONSTRUCTION LEGEND

RH EXR	ROOF HATCH–EXISTING TO REMAIN
SK EXR	SKYLIGHT–EXISTING TO REMAIN
EF EXR	EXHAUST FAN OR ROOF HOOD–EXISTING TO REMAIN
RTU EXR	ROOFTOP UNIT–EXISTING TO REMAIN
CU EXR	CONDENSING UNIT–EXISTING TO REMAIN
RD EXR	ROOF DRAIN–EXISTING TO REMAIN
○ PV EXR	PLUMBING VENT–EXISTING TO REMAIN
▨	REMOVE EXISTING ROOF SYSTEM INCLUDING INSULATION TO EXISTING DECK AS ASBESTOS CONTAINING ROOFING MATERIAL
░	FLEXIBLE SHEET ROOF SYSTEM. MATCH SLOPE AND THICKNESS OF EXISTING INSULATION.
CU	CONDENSING UNIT BY OTHERS. INSTALL PITCH POCKETS AND EQUIPMENT RAILS FOR PIPING PER ROOF DETAILS.
▦	WALKWAY PADS
RD	ROOF DRAIN SUPPLIED BY OTHERS AND INSTALLED BY GC. FINAL CONNECTION BY OTHERS



LOWER FLOOR KEY PLAN
NO SCALE

N

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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2/01/2021

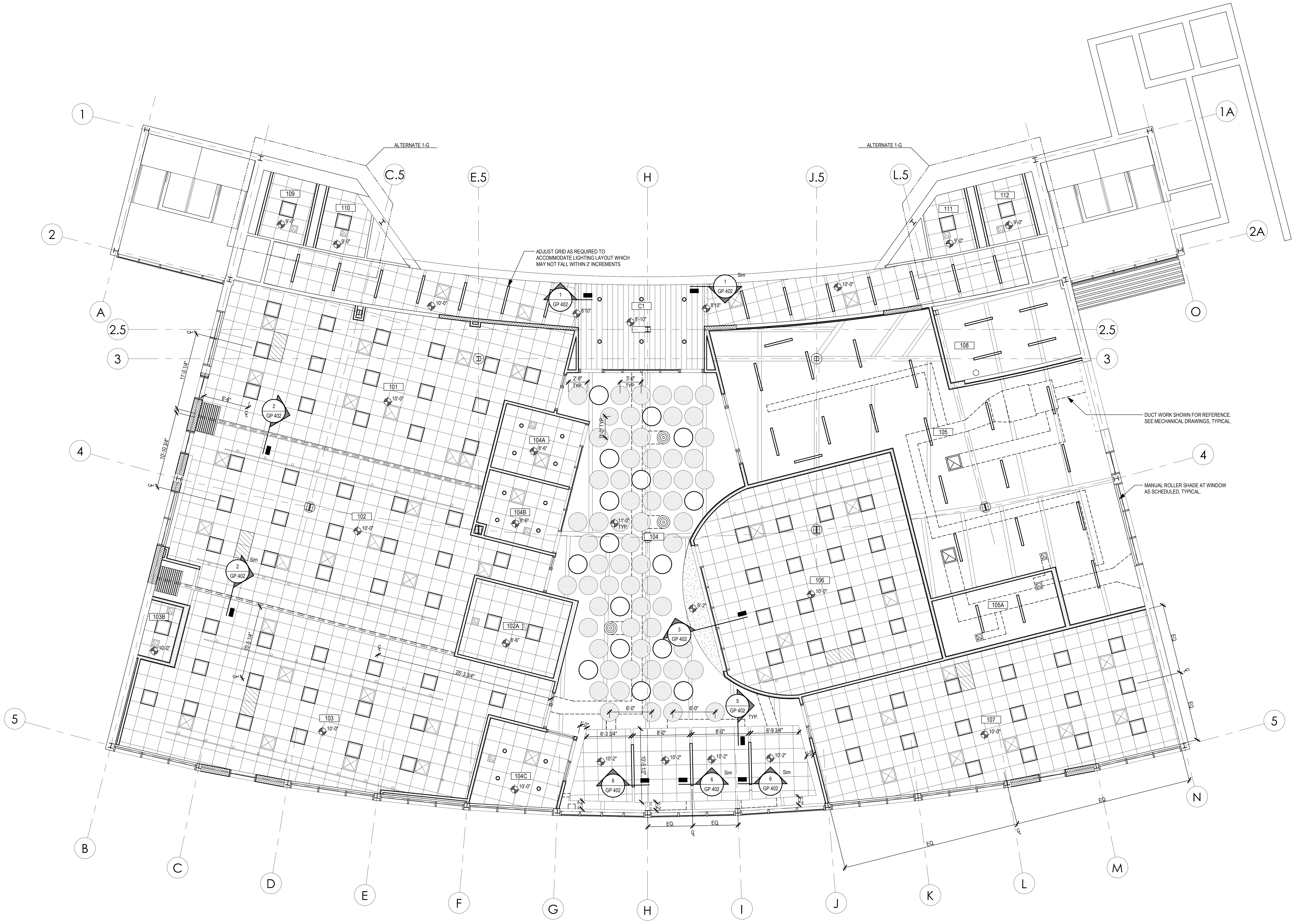
Drawing Title :
PARTIAL ROOF PLAN
AREA A

PEEKSKILL HIGH SCHOOL

APN : 1901.2
Date : 10/02/2020
Drawn by : AV

Drawing Number :
GP
301

2/8/2021 9:08:19 AM



1 LOWER LEVEL CEILING PLAN

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

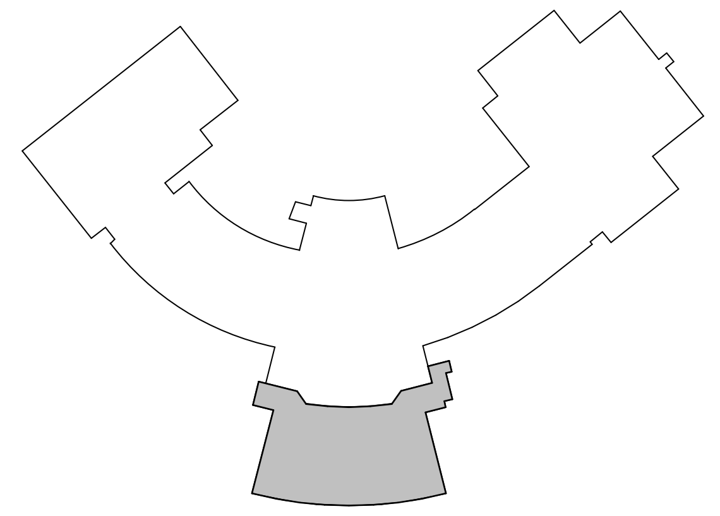
GENERAL CEILING PLAN NOTES

1. IN EXISTING SPACES, NEW CEILING HEIGHTS SHALL MATCH EXISTING ADJACENT, TYPICAL UNLESS NOTED OTHERWISE
2. CENTER GRIDS IN SPACE AND ON COLUMN LINES AS SHOWN, TYPICAL UNLESS NOTED OTHERWISE
3. PROVIDE PAINTED GWB FASCIA AT ALL CEILING HEIGHT CHANGES, TYPICAL UNLESS NOTED OTHERWISE
4. BRACE ALL SOFFITS/FASCIAS DIAGONALLY BACK TO BUILDING STRUCTURE WITH 3 5/8" METAL STUDS AT 4'-0" OC MAXIMUM, TYPICAL UNLESS NOTED OTHERWISE
5. IN EXISTING CONSTRUCTION, REMOVE ALL EXISTING CEILING SYSTEMS AND SOFFITS IN AREAS OF NEW CEILINGS, TYPICAL UNLESS NOTED OTHERWISE
6. COORDINATE ALL CEILING WORK WITH PLUMBING, MECHANICAL AND ELECTRICAL CONTRACT WORK. REPORT ANY DISCREPANCIES OR FIELD CONFLICTS BETWEEN CEILING PLANS AND P, M, AND E DRAWINGS TO ARCHITECT PRIOR TO CONSTRUCTION.

CEILING PLAN LEGEND

NOTE : SEE GENERAL CONSTRUCTION NOTES, DEFINITIONS, CEILING PLAN AND SOFFIT DETAILS FOR ADDITIONAL INFORMATION INDICATED BY THE ABOVE REFERENCED SYMBOLS AND HATCH PATTERNS.

101 ◄	INDICATES ROOM NUMBER
◐	INDICATES CEILING HEIGHT ABOVE FINISHED FLOOR
▭	WALL CONSTRUCTION
▒	GYPSUM BOARD SOFFIT CEILING SYSTEM
⊞	24" x 24" ACOUSTICAL PANEL CEILING SYSTEM
‖‖	ACOUSTICAL METAL PANEL CEILING SYSTEM
▭	RECESSED LIGHT FIXTURE BY OTHERS, SIZES VARY
─○─○─	TRACK LIGHT FIXTURE BY OTHERS, SIZES VARY
▬	LINEAR PENDANT LIGHT FIXTURE BY OTHERS, SIZES VARY
○	RECESSED LIGHT FIXTURE BY OTHERS, SIZES VARY
◯	PENDANT LIGHT FIXTURE BY OTHERS
⊠	SUPPLY DIFFUSER, REGISTER OR GRILLE BY OTHERS. SEE MECHANICAL DRAWINGS.
⊠	RETURN DIFFUSER, REGISTER OR GRILLE BY OTHERS. SEE MECHANICAL DRAWINGS.
◎	SUPPLY DIFFUSER, REGISTER OR GRILLE BY OTHERS. SEE MECHANICAL DRAWINGS.
◸ AD L X W	ACCESS DOOR "L X W" INDICATES SIZE
●	SUSPENDED CLOUD SYSTEM ACOUSTIC PANEL
▨	HATCH DENOTES AREA REQUIRED FOR ACCESS TO MECHANICAL UNIT FILTERS. ENSURE MAIN TEES FOR ACOUSTICAL PANEL CEILING SYSTEM DO NOT RUN THROUGH HATCHED AREA. GC SHALL COORDINATE WITH MC FOR EXACT LOCATION.



KEY PLAN - LOWER LEVEL

NOT TO SCALE

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LOWER LEVEL CEILING PLAN

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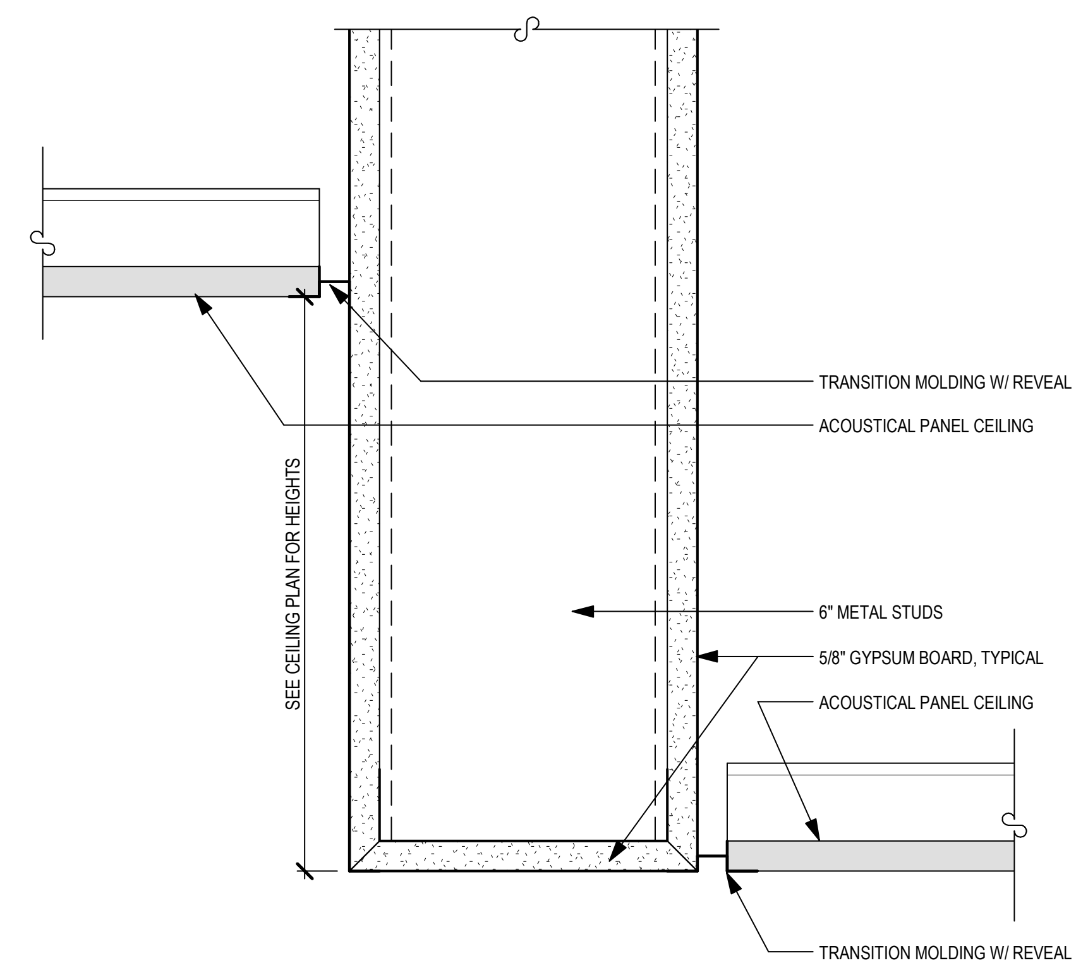
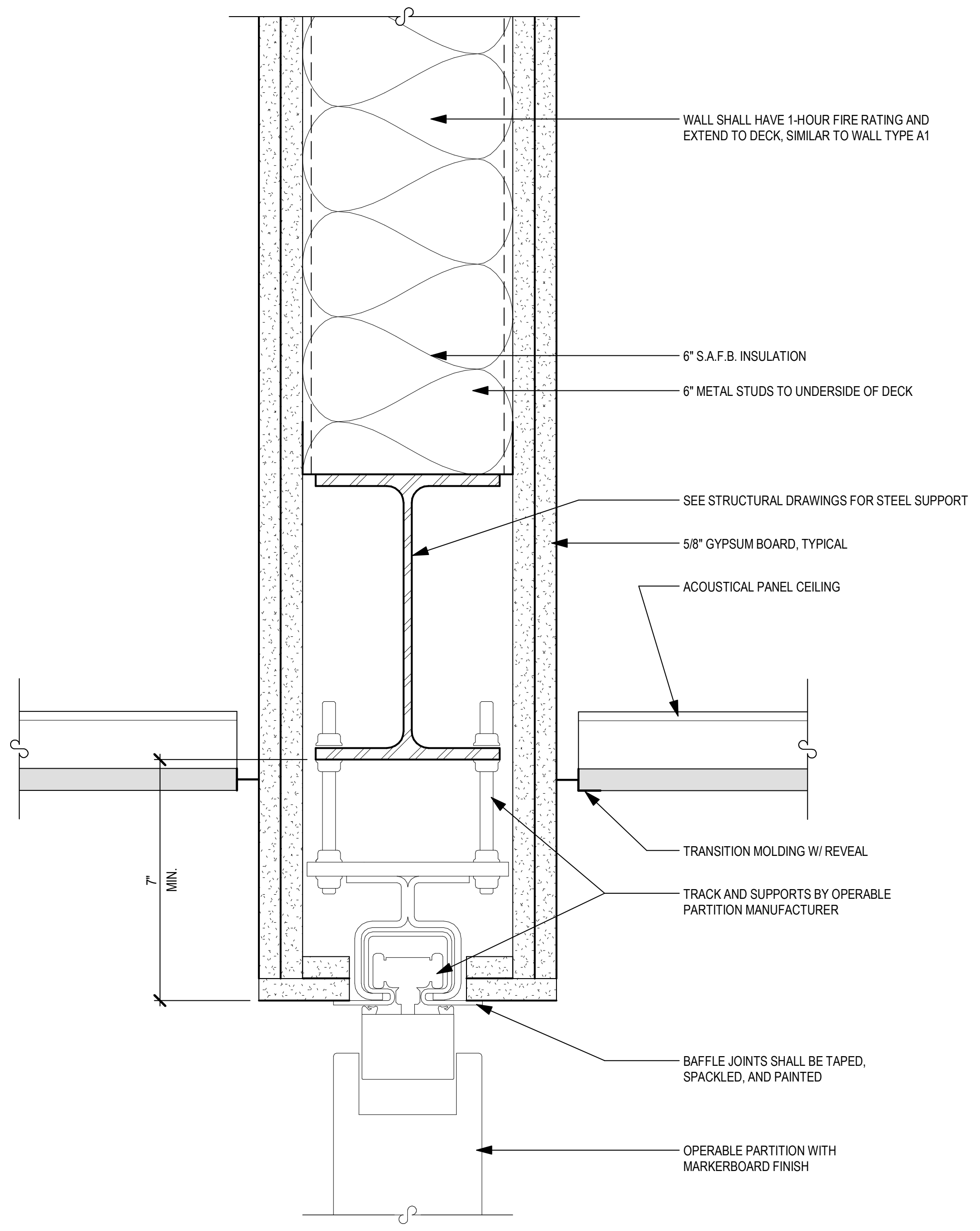

TRANSITION MOLDING W/ REVEAL
ACOUSTICAL PANEL CEILING
SEE CEILING PLAN FOR HEIGHTS
6" METAL STUDS
5/8" GYPSUM BOARD, TYPICAL
ACOUSTICAL PANEL CEILING
TRANSITION MOLDING W/ REVEAL

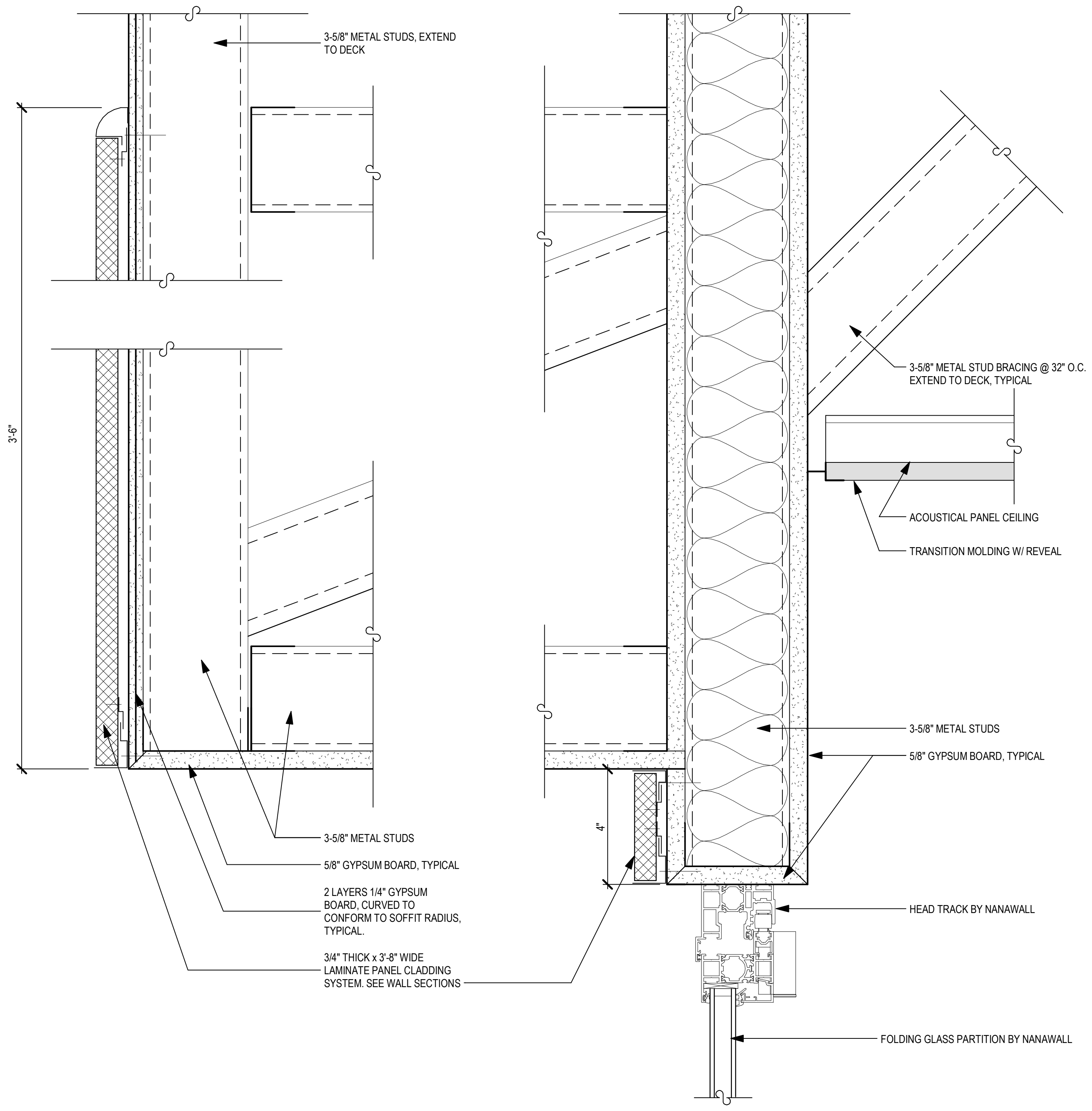
1 CEILING TRANSITION - APC-GWB-APC

SCALE: 3" = 1'-0"


WALL SHALL HAVE 1-HOUR FIRE RATING AND EXTEND TO DECK, SIMILAR TO WALL TYPE A1
6" S.A.F.B. INSULATION
6" METAL STUDS TO UNDERSIDE OF DECK
SEE STRUCTURAL DRAWINGS FOR STEEL SUPPORT
5/8" GYPSUM BOARD, TYPICAL
ACOUSTICAL PANEL CEILING
TRANSITION MOLDING W/ REVEAL
7" MIN.
TRACK AND SUPPORTS BY OPERABLE PARTITION MANUFACTURER
BAFFLE JOINTS SHALL BE TAPED, SPACKLED, AND PAINTED
OPERABLE PARTITION WITH MARKERBOARD FINISH

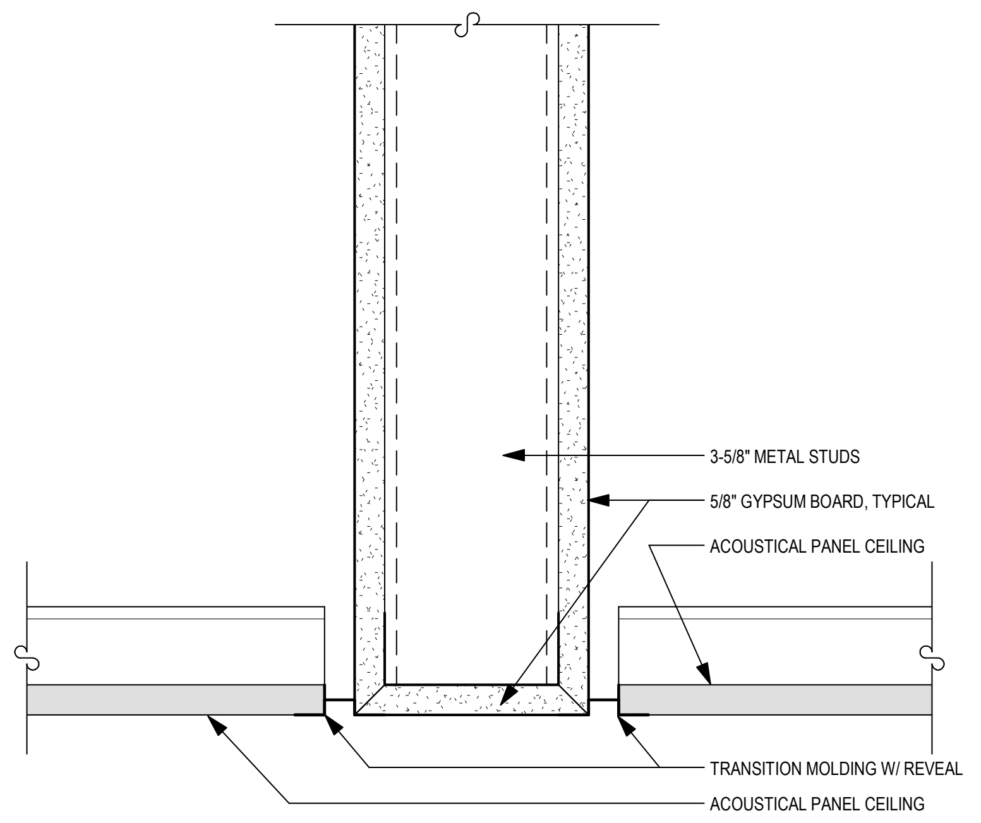
2 FOLDING MARKERBOARD PARTITION HEAD DETAIL

SCALE: 3" = 1'-0"


3-5/8" METAL STUDS, EXTEND TO DECK
3'-6"
3-5/8" METAL STUD BRACING @ 32" O.C. EXTEND TO DECK, TYPICAL
ACOUSTICAL PANEL CEILING
TRANSITION MOLDING W/ REVEAL
3-5/8" METAL STUDS
5/8" GYPSUM BOARD, TYPICAL
4"
3-5/8" METAL STUDS
5/8" GYPSUM BOARD, TYPICAL
2 LAYERS 1/4" GYPSUM BOARD, CURVED TO CONFORM TO SOFFIT RADIUS, TYPICAL.
3/4" THICK x 3'-8" WIDE LAMINATE PANEL CLADDING SYSTEM. SEE WALL SECTIONS
HEAD TRACK BY NANAWALL
FOLDING GLASS PARTITION BY NANAWALL

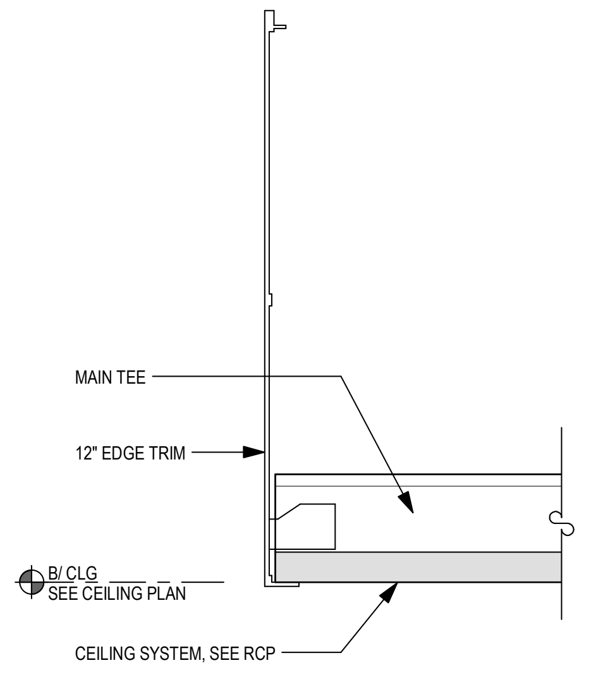
3 SOFFIT AND FOLDING GLASS PARTITION HEAD DETAIL

SCALE: 3" = 1'-0"



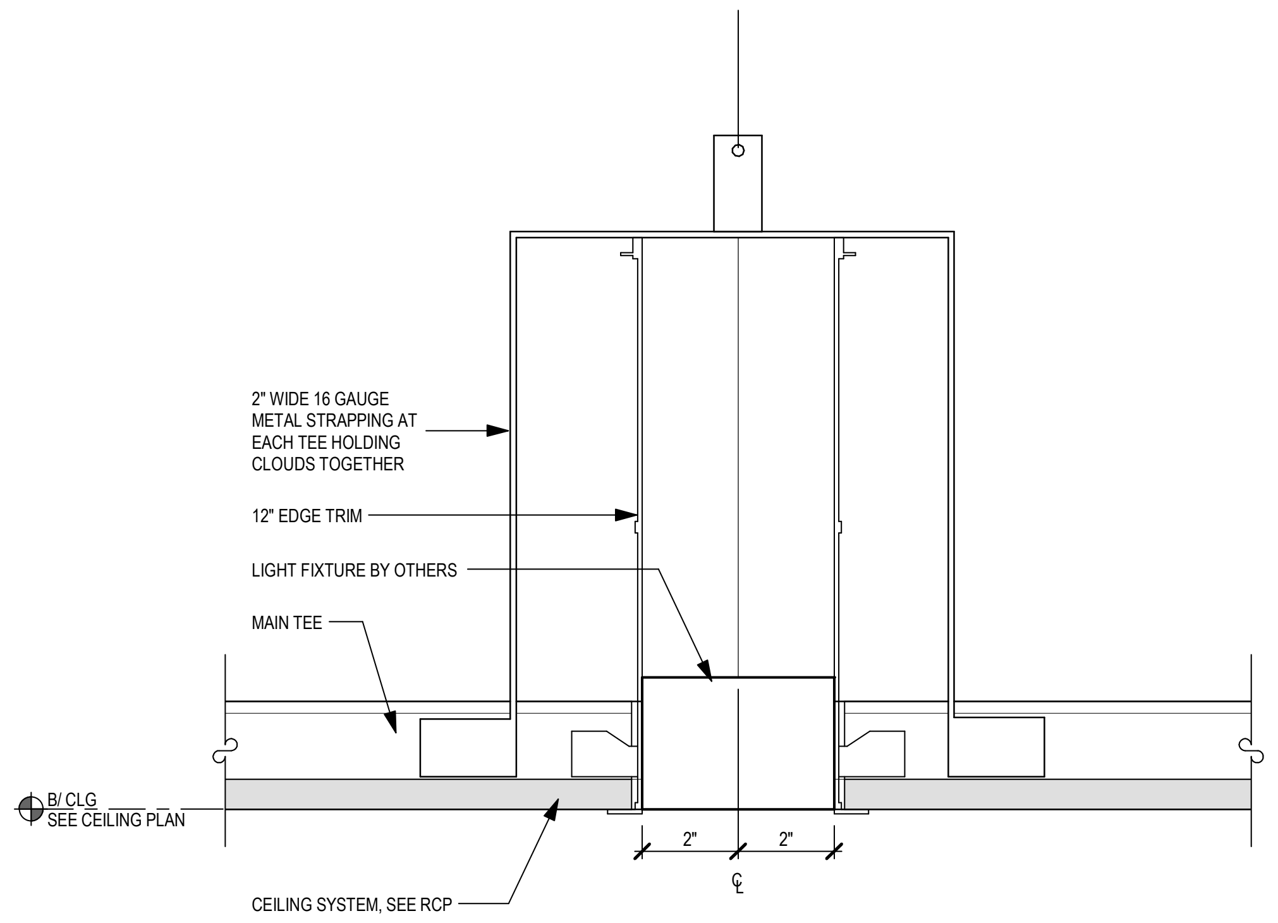
4 CEILING TRANSITION - APC-GWB-APC

SCALE: 3"=1'-0"



5 APC EDGE DETAIL

SCALE: 3" = 1'-0"



6 RECESSED LIGHT FIXTURE ACOUSTIC CEILING SLOT

SCALE: 3" = 1'-0"

SED NUMBERS: ■ PEEKSKILL HIGH SCHOOL: 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY: 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY: 66-15-00-01-0-007-015

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES. ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

MOSAIC
ASSOCIATES

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The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

Consultant:

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, NY

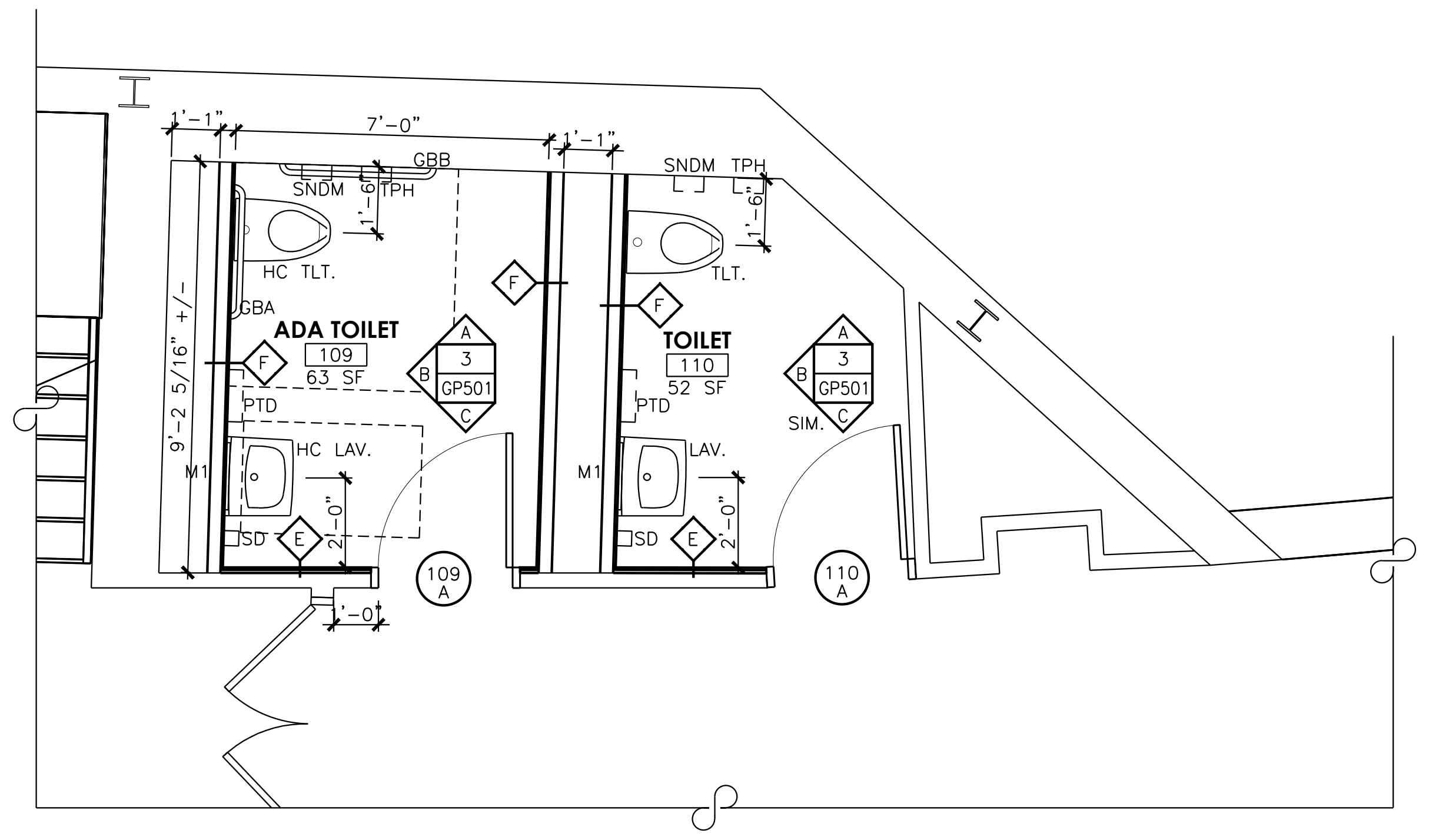
Revision:
ISSUED FOR BID
02/01/2021

Drawing Title:
CEILING PLAN DETAILS

APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Drawing Number:
GP 402

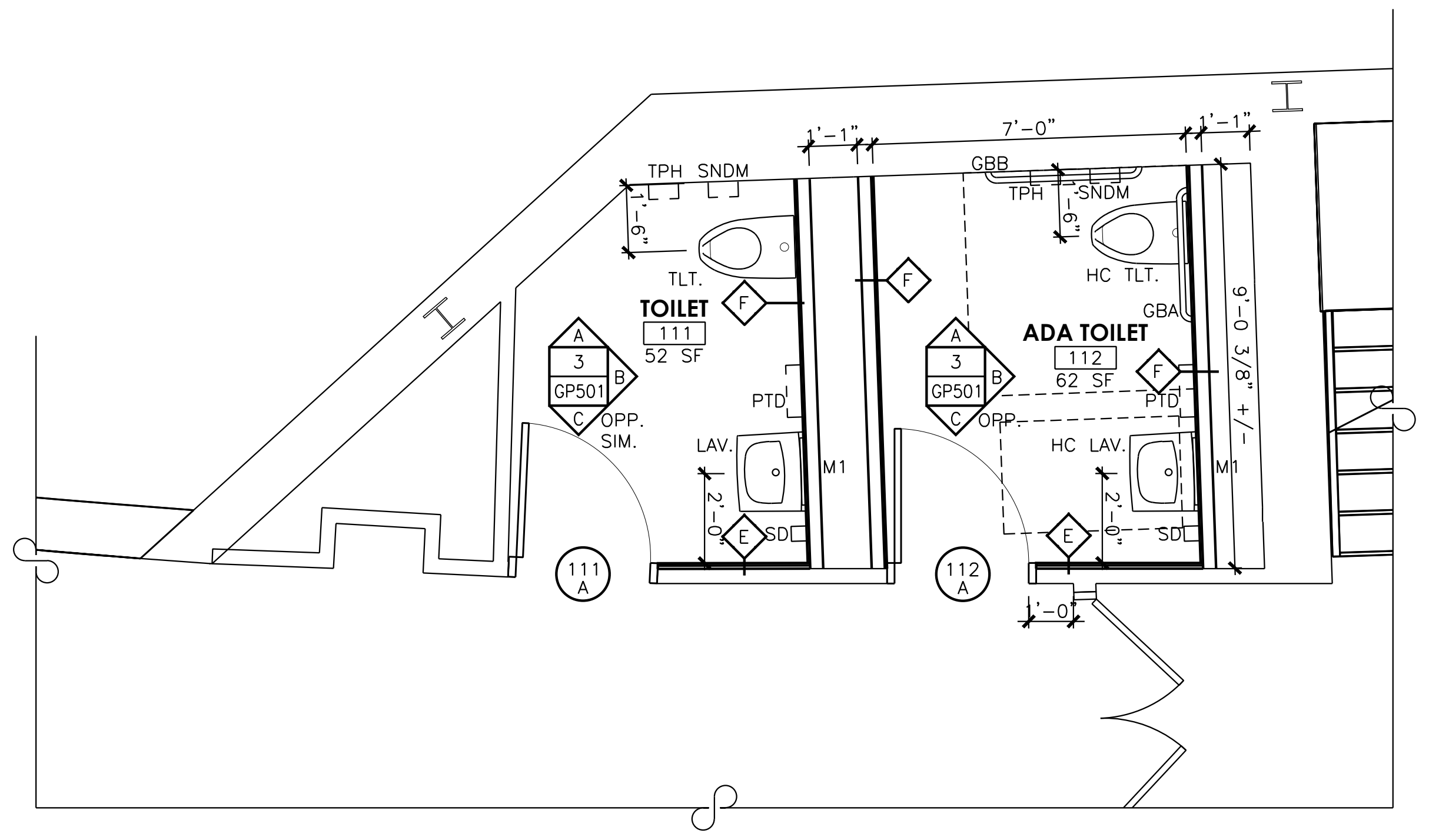
2/2/2021 4:14:52 PM



1 ALTERNATE 1-G TOILET ROOM PLAN

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

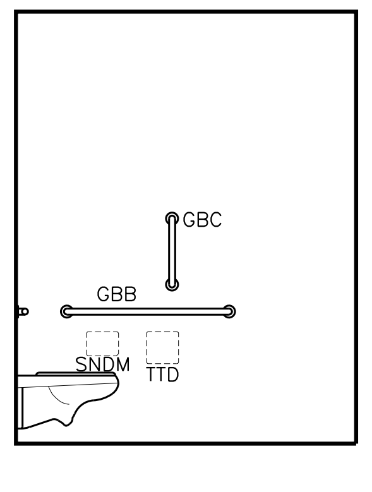
N



2 ALTERNATE 1-G TOILET ROOM PLAN

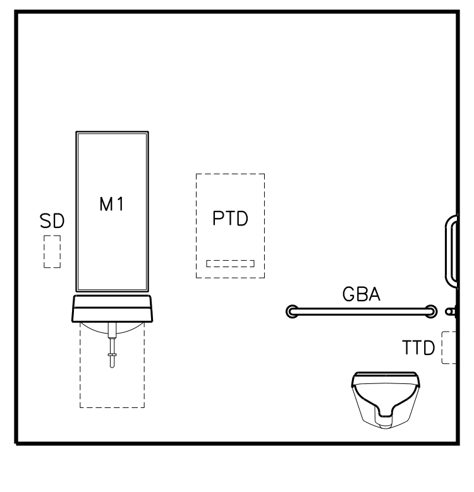
SCALE : 1/4" = 1'-0"

N



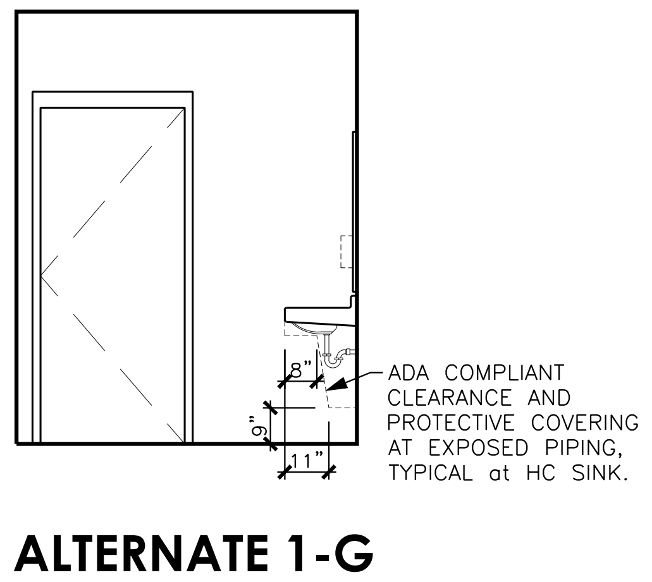
3A ALTERNATE 1-G INTERIOR ELEVATION

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



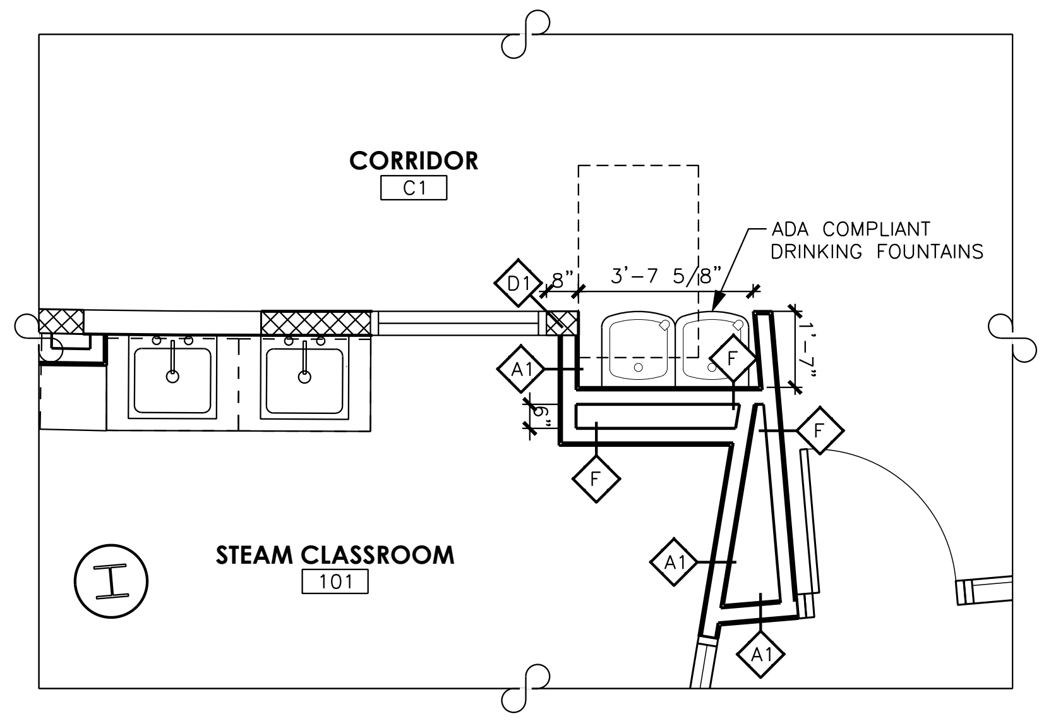
3B ALTERNATE 1-G INTERIOR ELEVATION

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



3C ALTERNATE 1-G INTERIOR ELEVATION

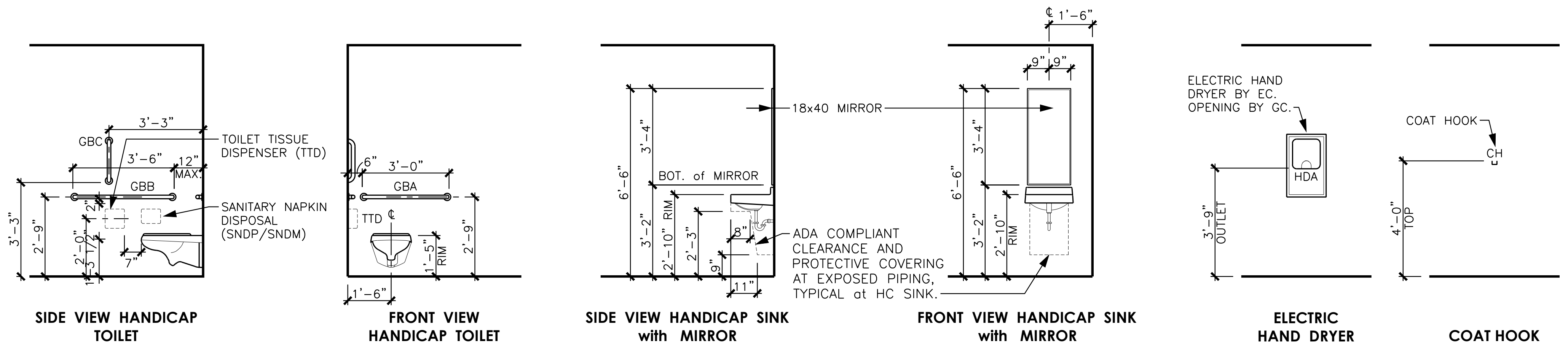
SCALE : 1/4" = 1'-0"



4 ALTERNATE 1-G DRINKING FOUNTAIN PLAN

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

N



SIDE VIEW HANDICAP TOILET

FRONT VIEW HANDICAP TOILET

SIDE VIEW HANDICAP SINK with MIRROR

FRONT VIEW HANDICAP SINK with MIRROR

ELECTRIC HAND DRYER

COAT HOOK

5 TYPICAL CLEARANCES and MOUNTING HEIGHTS

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

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
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Drawing Number :

GP 501

Drawing Title :

ALT. 1-G - ENLARGED TOILET ROOM PLANS AND INTERIOR ELEVATIONS

APN : 1901.2 | Date : 10/02/2020 | Drawn by : JN

Revision :
ISSUED FOR BID
2/01/2021

Alterations to School District Facilities
Phase Two

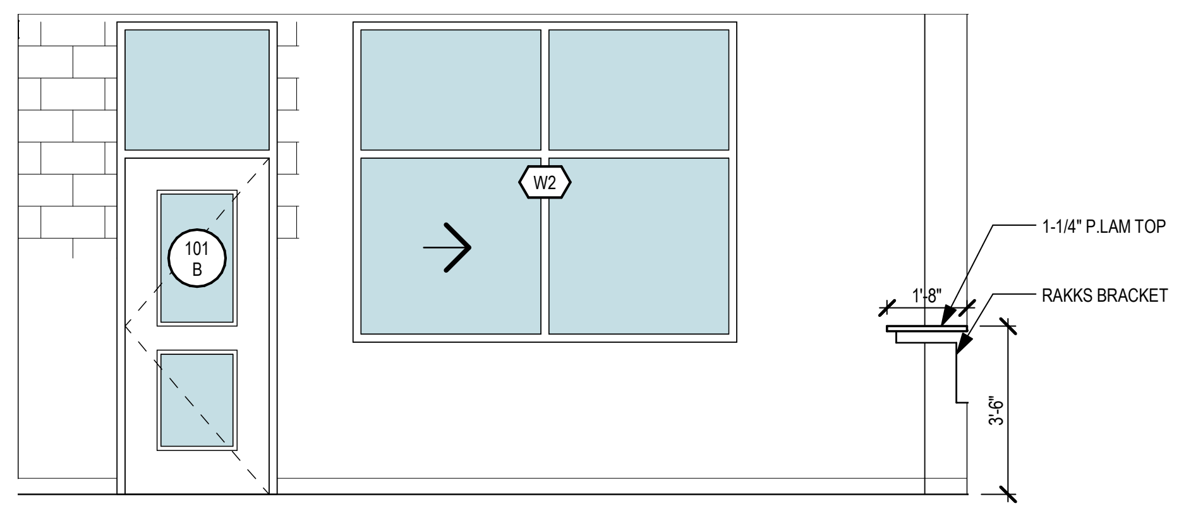
Peekskill City School District
Peekskill, New York

Seal

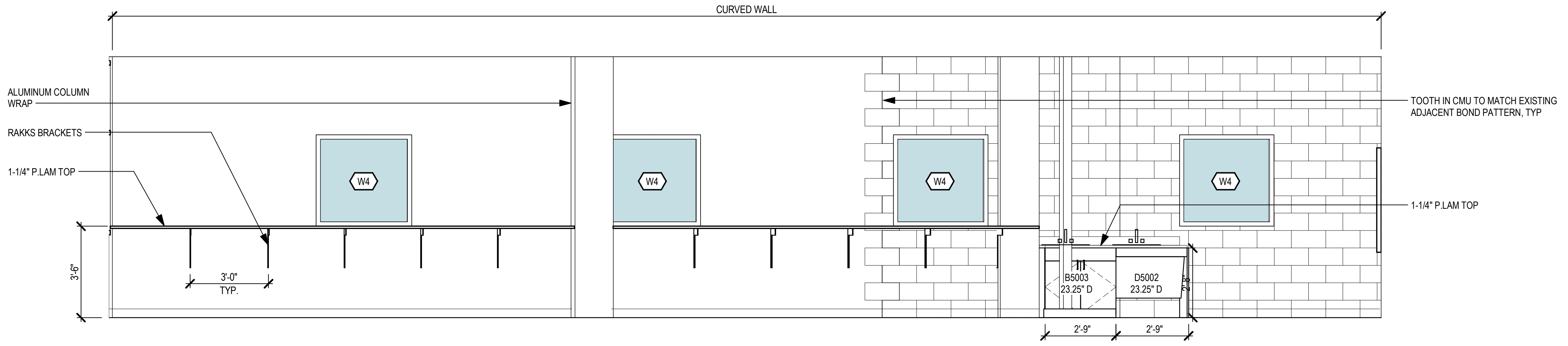
Consultant

MOSAIC
ASSOCIATES

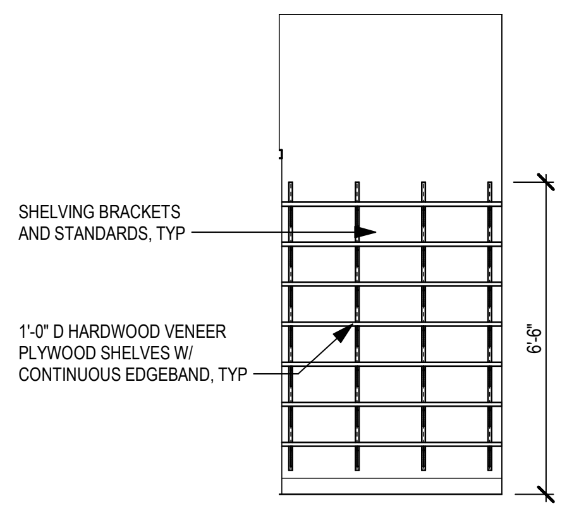
Mosaic Associates Architects
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180



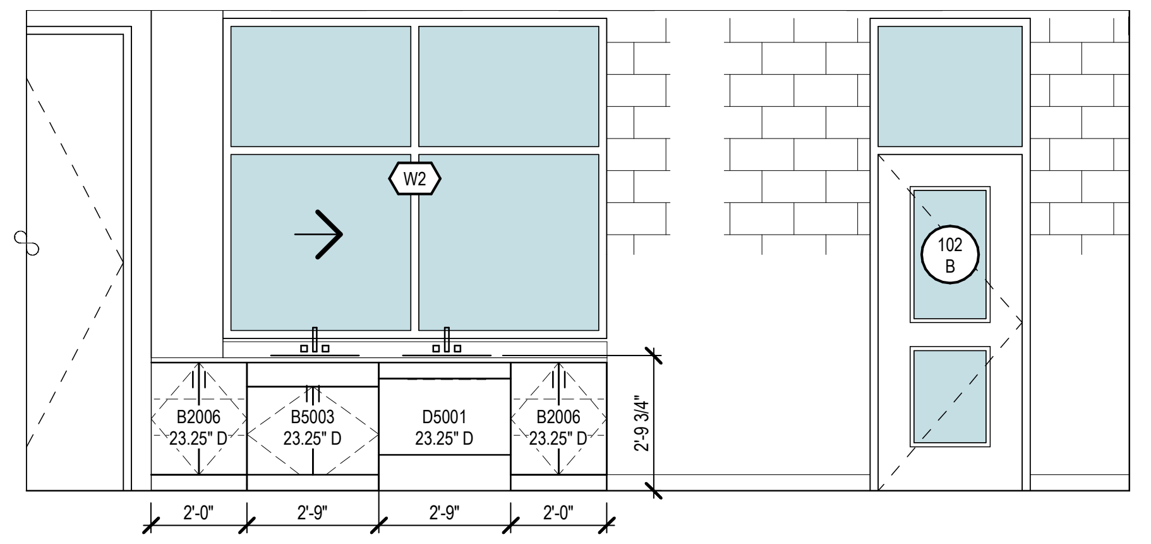
1A STEAM 101 - NORTH
SCALE: 1/4" = 1'-0"



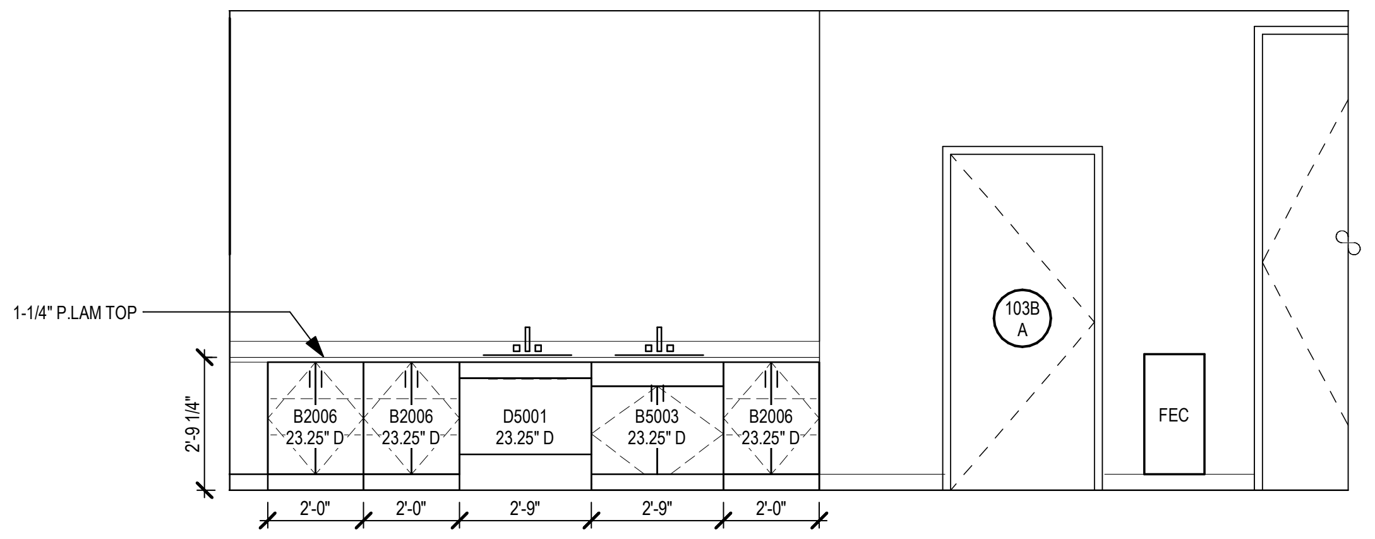
1B STEAM 101 - EAST
SCALE: 1/4" = 1'-0"


SHELVING BRACKETS AND STANDARDS, TYP
1'-0" D HARDWOOD VENEER PLYWOOD SHELVES W/ CONTINUOUS EDGEBAND, TYP
6'-6"

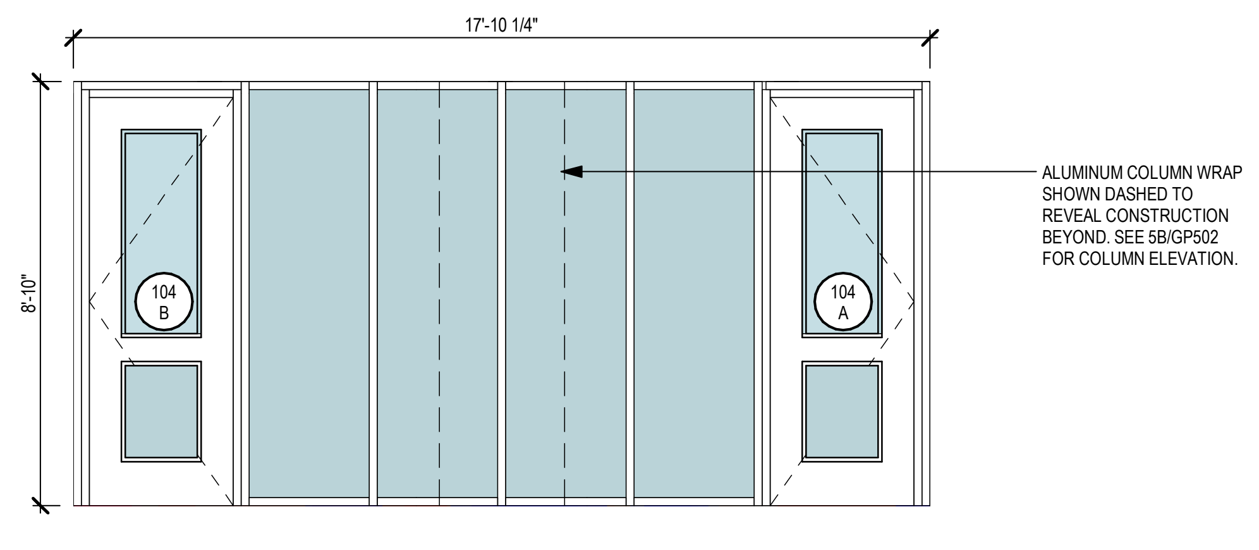
2 KILN 103B - WEST
SCALE: 1/4" = 1'-0"



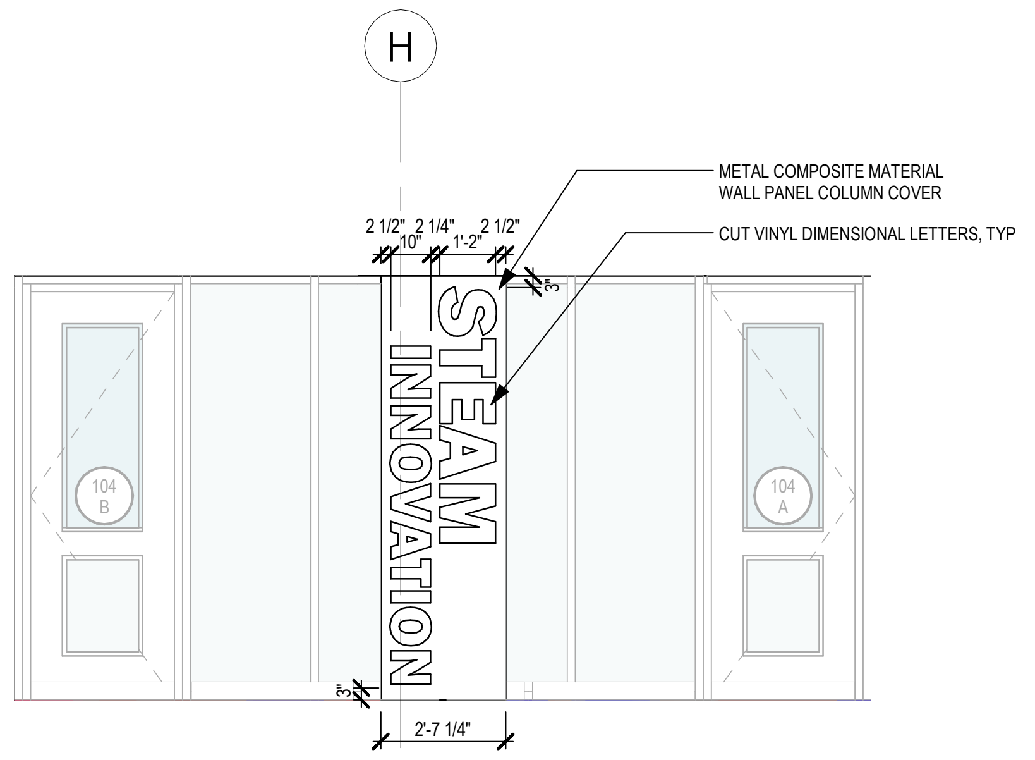
3 STEAM 102 - NORTH
SCALE: 1/4" = 1'-0"



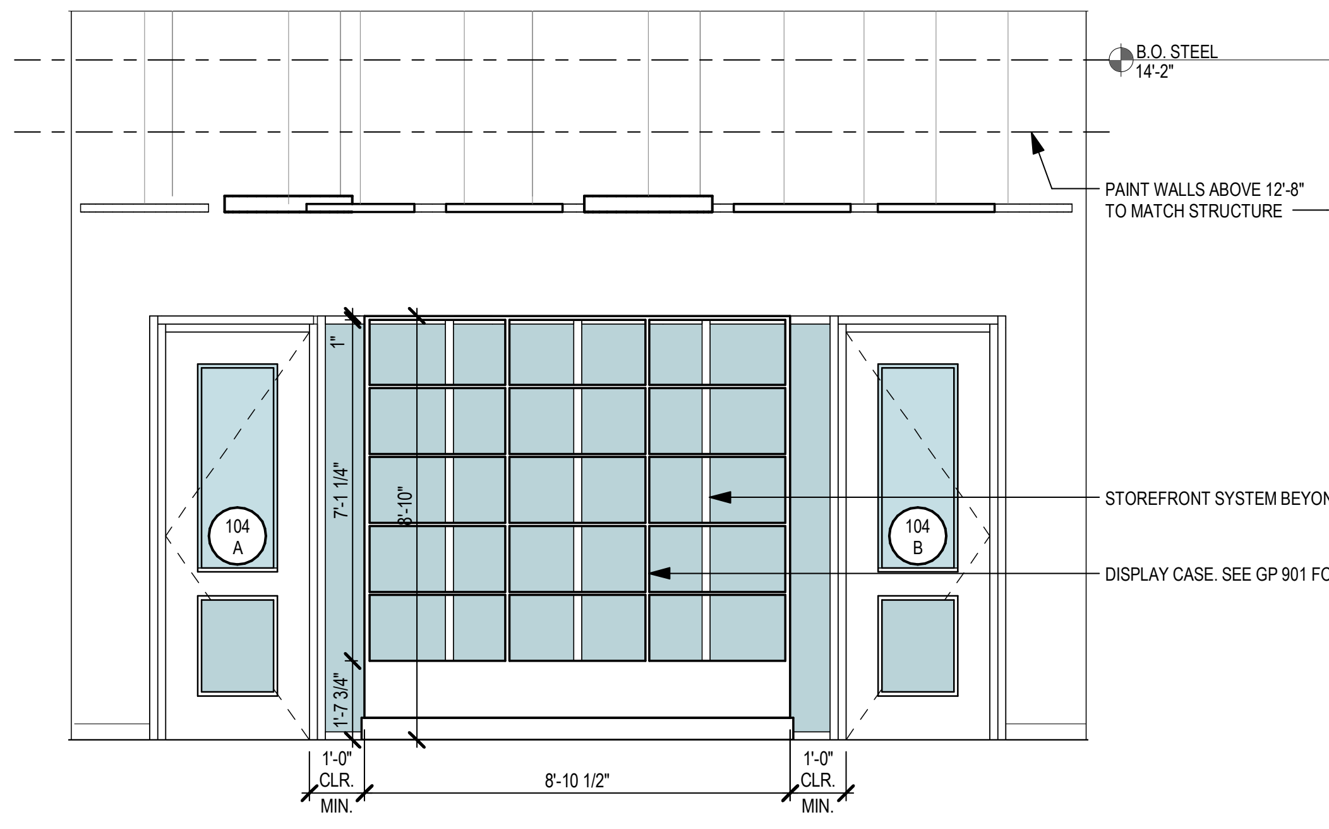
4 STEAM 103 - NORTH
SCALE: 1/4" = 1'-0"


17'-10 1/4"
8'-10"
104
B
104
A
ALUMINUM COLUMN WRAP SHOWN DASHED TO REVEAL CONSTRUCTION BEYOND. SEE 5B/GP502 FOR COLUMN ELEVATION.

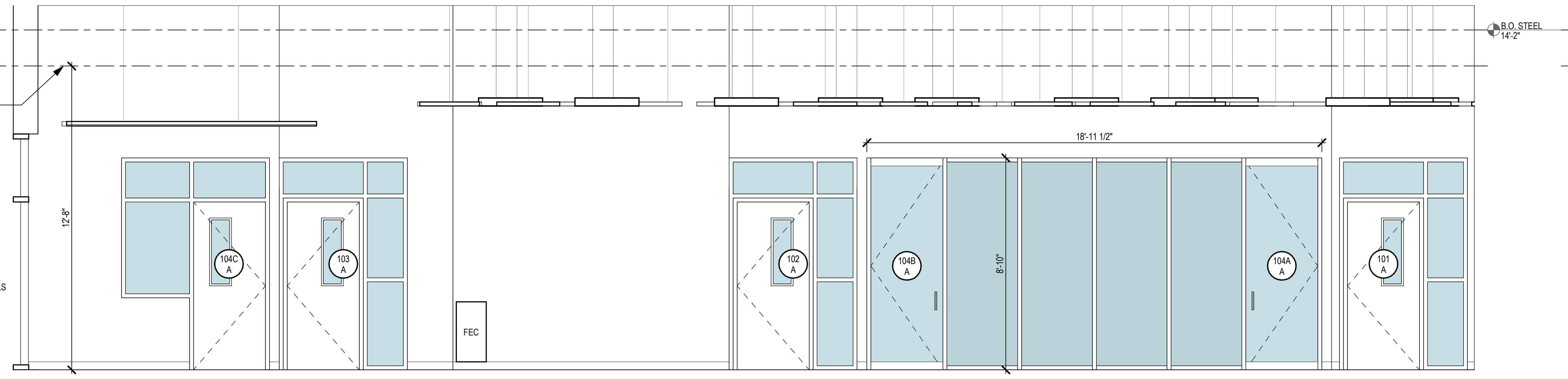
5A MIXER ENTRANCE
SCALE: 1/4" = 1'-0"


H
METAL COMPOSITE MATERIAL WALL PANEL COLUMN COVER
CUT VINYL DIMENSIONAL LETTERS, TYP
2 1/2"
2 1/4"
2 1/2"
1'-2"
STEAM
INNOVATION
2'-7 1/4"
104
B
104
A

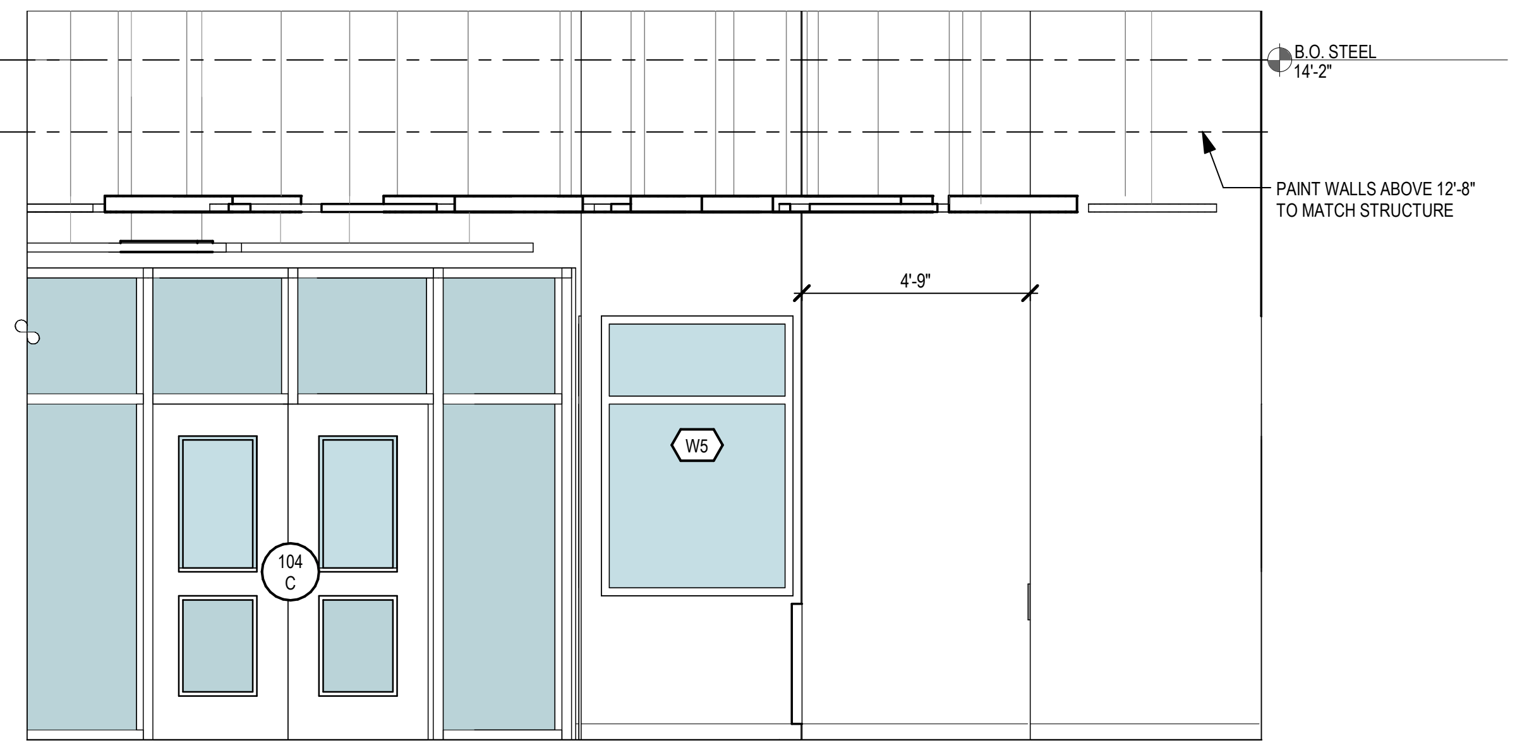
5B MIXER ENTRANCE COLUMN
SCALE: 1/4" = 1'-0"



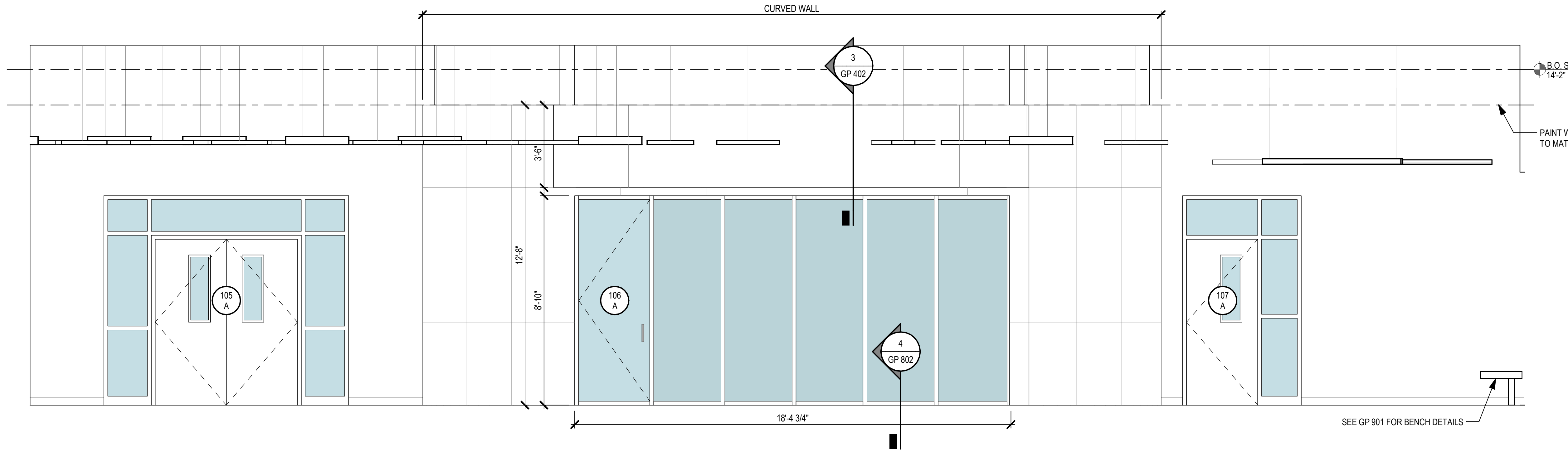
6A MIXER 104 - EAST
SCALE: 1/4" = 1'-0"



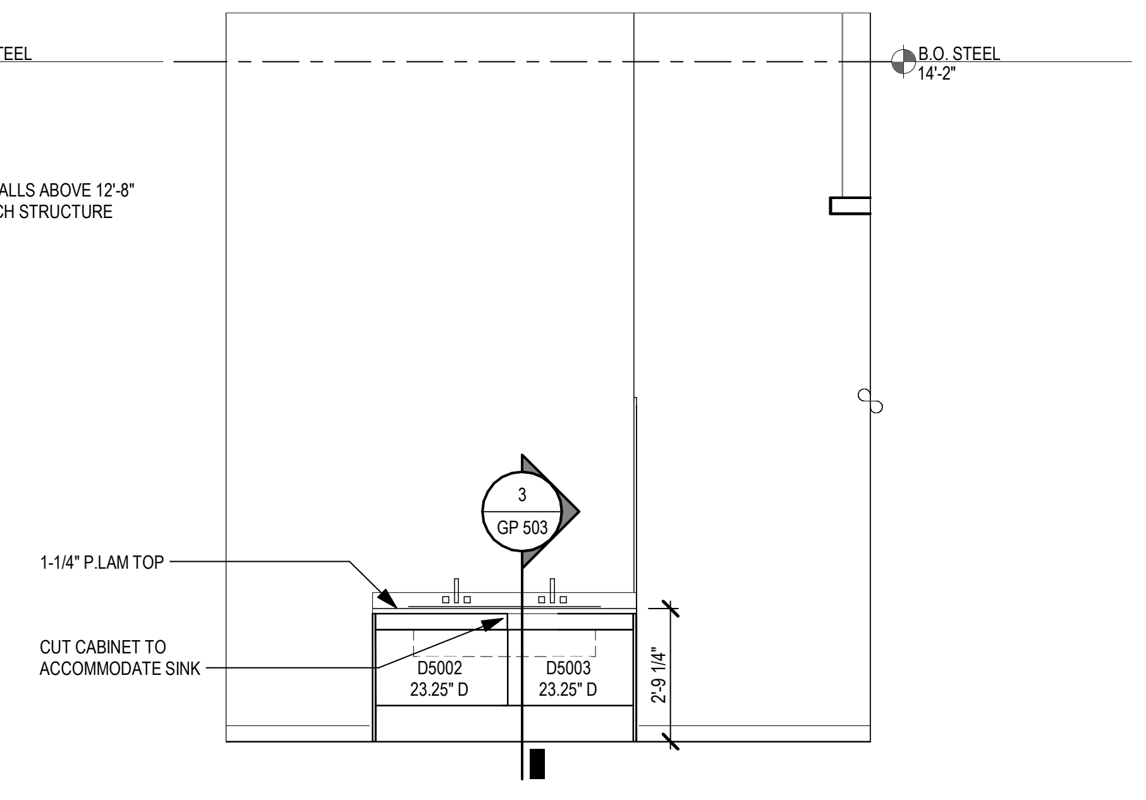
6B MIXER 104 - NORTH
SCALE: 1/4" = 1'-0"



6C MIXER 104 - WEST
SCALE: 1/4" = 1'-0"



6D MIXER 104 - SOUTH
SCALE: 1/4" = 1'-0"



7 TECH/ROBOTICS 105 - NORTH
SCALE: 1/4" = 1'-0"

CASEWORK SCHEDULE

Manufacturer	Model	Description	Remarks
Wood-Metal	B2006	BASE CABINET - 2-DOOR, (2) ADJ. SHELVES	
Wood-Metal	B5003	SINK BASE - 2-DOOR	
Wood-Metal	D5001	ADA SINK BASE	
Wood-Metal	D5002	ADA SINK BASE - RIGHT END PANEL	
Wood-Metal	D5003	ADA SINK BASE - LEFT END PANEL	

CASEWORK LEGEND

X0000 ◄—— INDICATES MODEL NUMBER
00.00" D ◄—— INDICATES CABINET DEPTH

SED NUMBERS: ■ PEEKSKILL HIGH SCHOOL: 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY: 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY: 66-15-00-01-0-007-015

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Drawing Number:
GP 502

Drawing Title:
INTERIOR ELEVATIONS -
ROOMS 101, 102, 103, 103B,
104, 105
PEEKSKILL HIGH SCHOOL

APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Revision:
ISSUED FOR BID
02/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, NY

Seal

Consultant:

MOSAIC
ASSOCIATES

Mosaic Associates Architects, DPC
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

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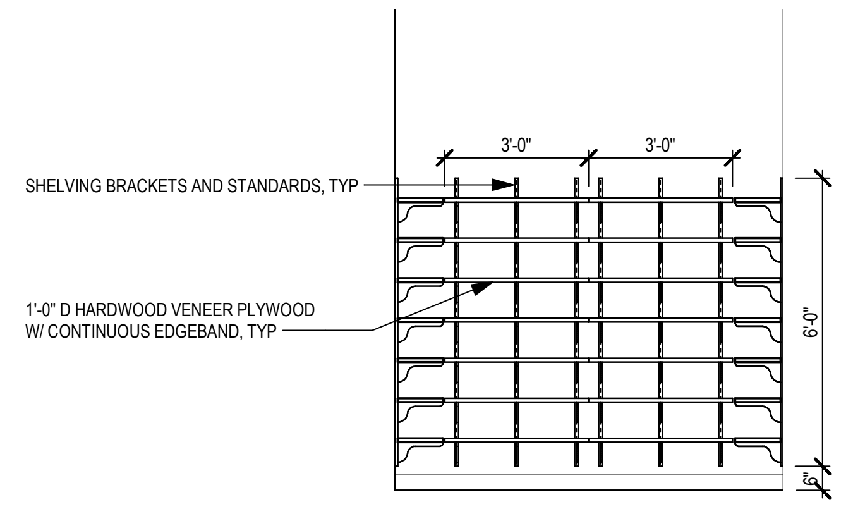
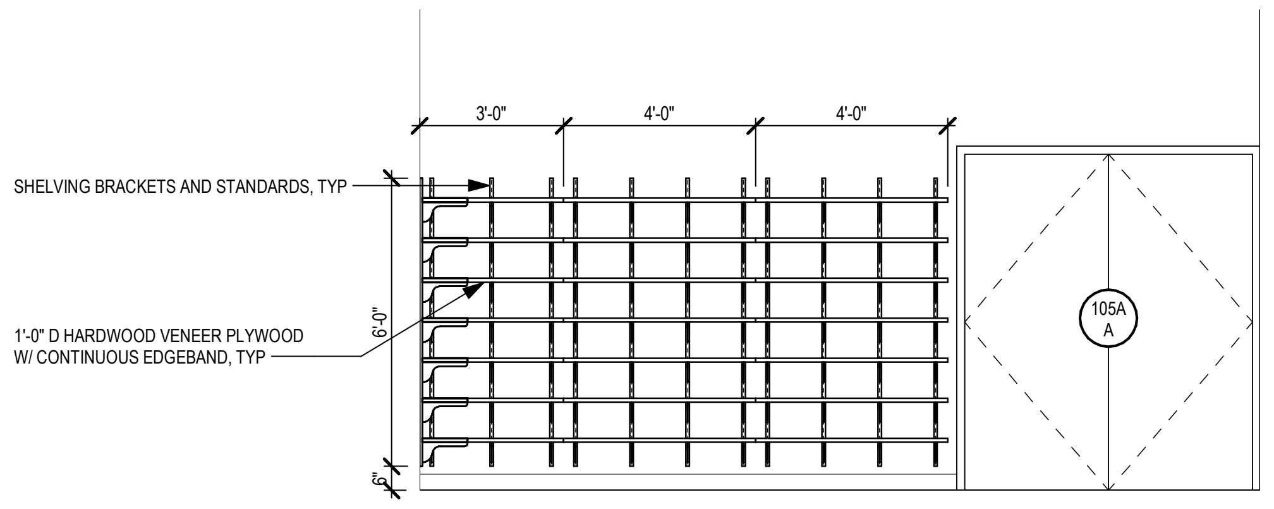
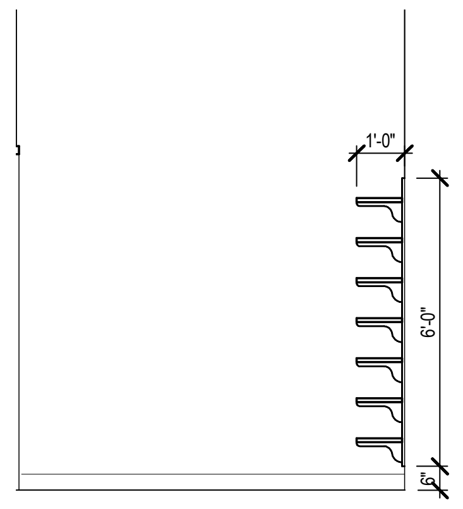

3'-0"
3'-0"
SHELVING BRACKETS AND STANDARDS, TYP
1'-0" D HARDWOOD VENEER PLYWOOD W/ CONTINUOUS EDGEBAND, TYP
6'-0"
6"

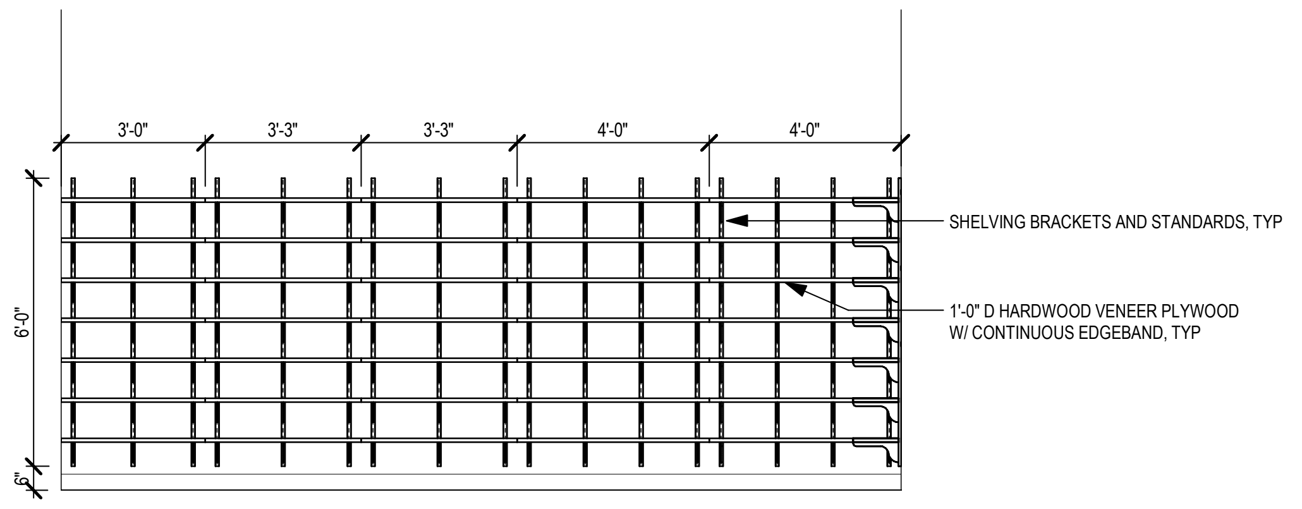
1A **STORAGE 105A - NORTH**
SCALE: 1/4" = 1'-0"


3'-0"
4'-0"
4'-0"
SHELVING BRACKETS AND STANDARDS, TYP
1'-0" D HARDWOOD VENEER PLYWOOD W/ CONTINUOUS EDGEBAND, TYP
6'-0"
6"
105A
A

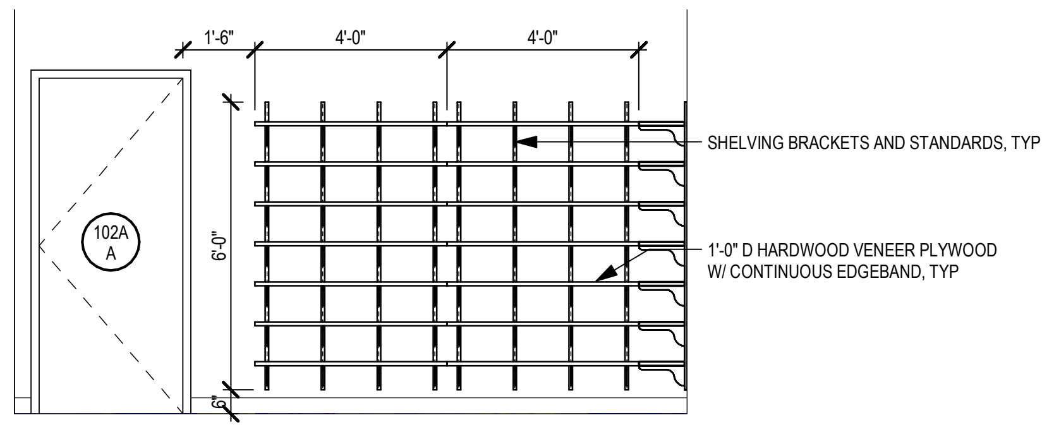
1B **STORAGE 105A - EAST**
SCALE: 1/4" = 1'-0"



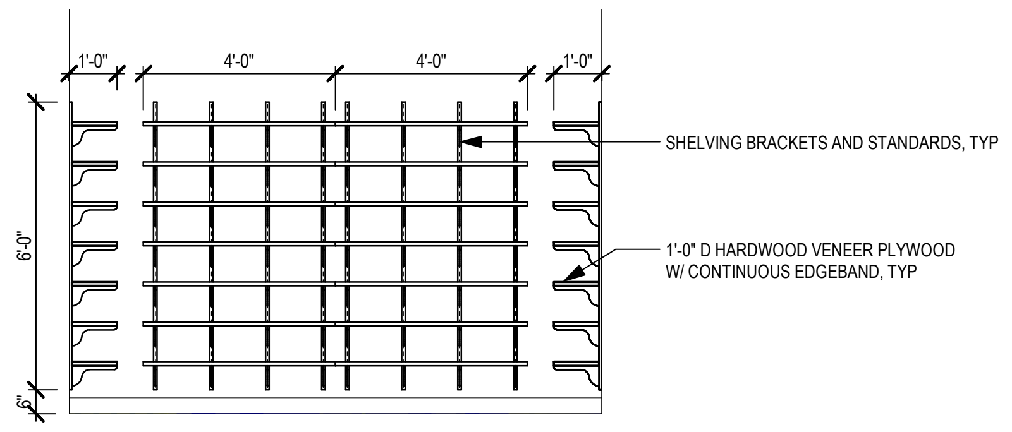
1C **STORAGE 105A - SOUTH**
SCALE: 1/4" = 1'-0"


3'-0"
3'-3"
3'-3"
4'-0"
4'-0"
SHELVING BRACKETS AND STANDARDS, TYP
1'-0" D HARDWOOD VENEER PLYWOOD W/ CONTINUOUS EDGEBAND, TYP
6'-0"
6"

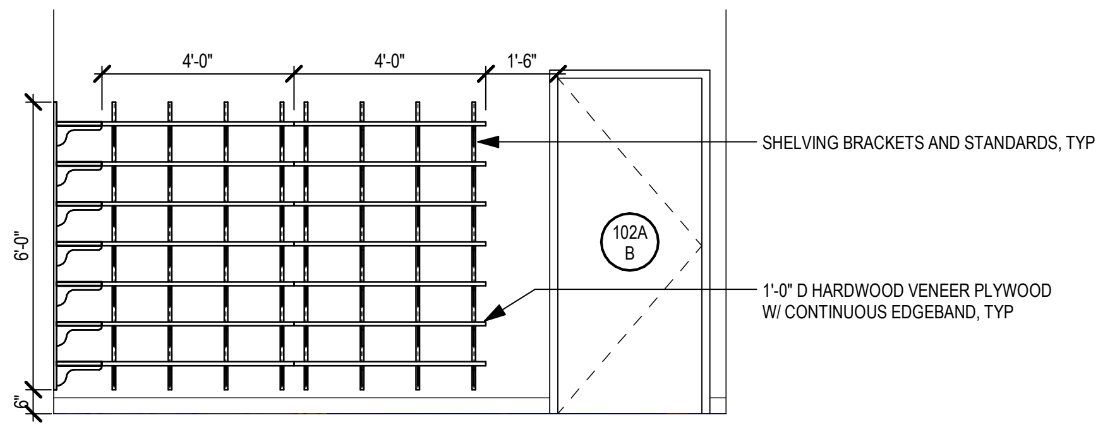
1D **STORAGE 105A - WEST**
SCALE: 1/4" = 1'-0"


1'-6"
4'-0"
4'-0"
SHELVING BRACKETS AND STANDARDS, TYP
1'-0" D HARDWOOD VENEER PLYWOOD W/ CONTINUOUS EDGEBAND, TYP
6'-0"
6"
102A
A

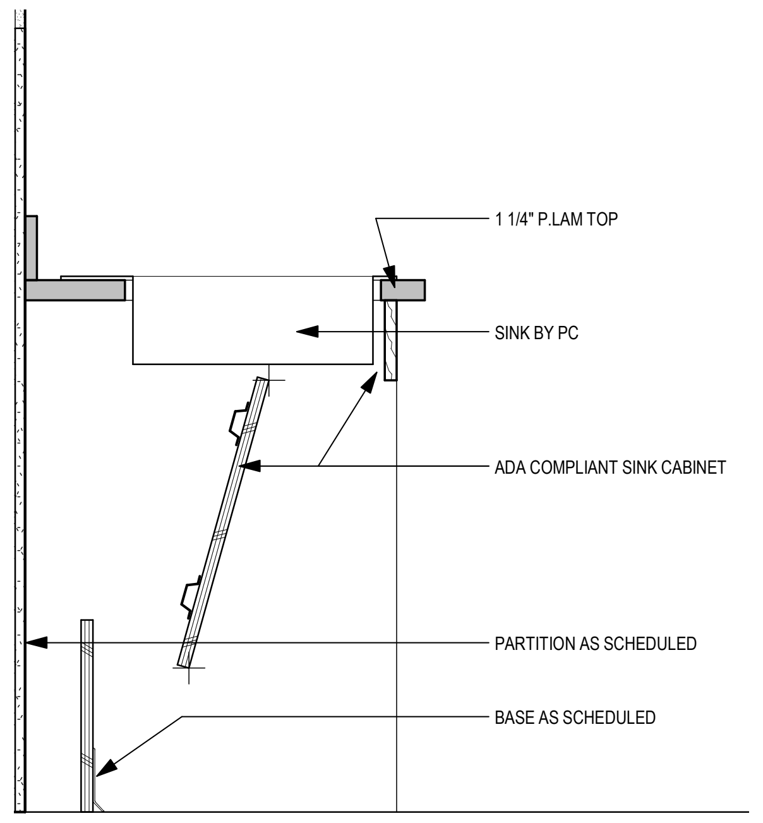
2A **STORAGE 102A - EAST**
SCALE: 1/4" = 1'-0"


1'-0"
4'-0"
4'-0"
1'-0"
SHELVING BRACKETS AND STANDARDS, TYP
1'-0" D HARDWOOD VENEER PLYWOOD W/ CONTINUOUS EDGEBAND, TYP
6'-0"
6"

2B **STORAGE 102A - SOUTH**
SCALE: 1/4" = 1'-0"


4'-0"
4'-0"
1'-6"
SHELVING BRACKETS AND STANDARDS, TYP
1'-0" D HARDWOOD VENEER PLYWOOD W/ CONTINUOUS EDGEBAND, TYP
6'-0"
6"
102A
B

2C **STORAGE 102A - WEST**
SCALE: 1/4" = 1'-0"



3 **CASEWORK DETAIL AT TECH/ROBOTICS 105 SINK**
SCALE: 1" = 1'-0"

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Drawing Number:
GP 503

Drawing Title:
INTERIOR ELEVATIONS - ROOMS 102A, 105A

PEEKSKILL HIGH SCHOOL

APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Revision:
ISSUED FOR BID
02/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, NY

Seal

Consultant:

MOSAIC ASSOCIATES
Mosaic Associates Architects, DPC
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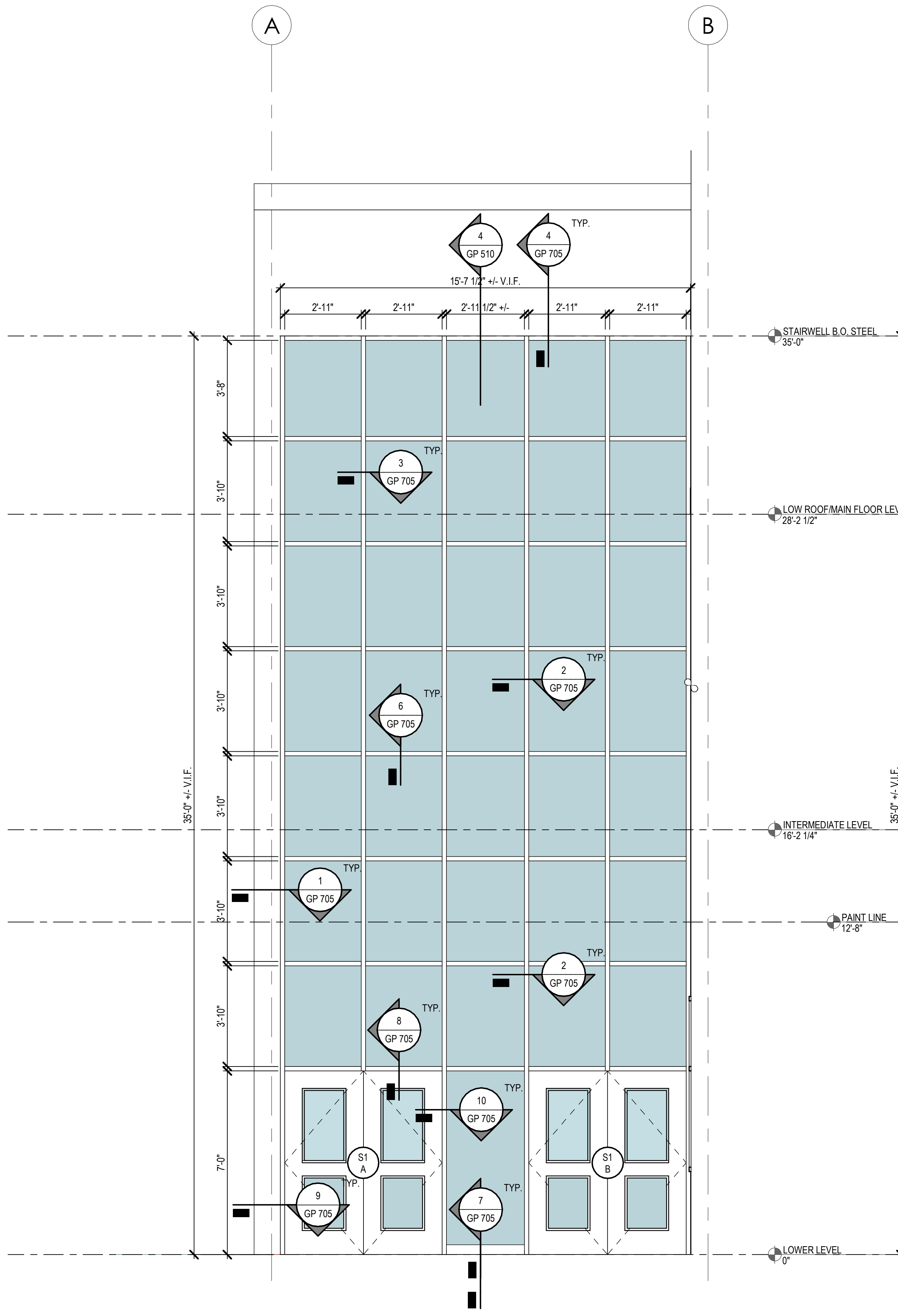
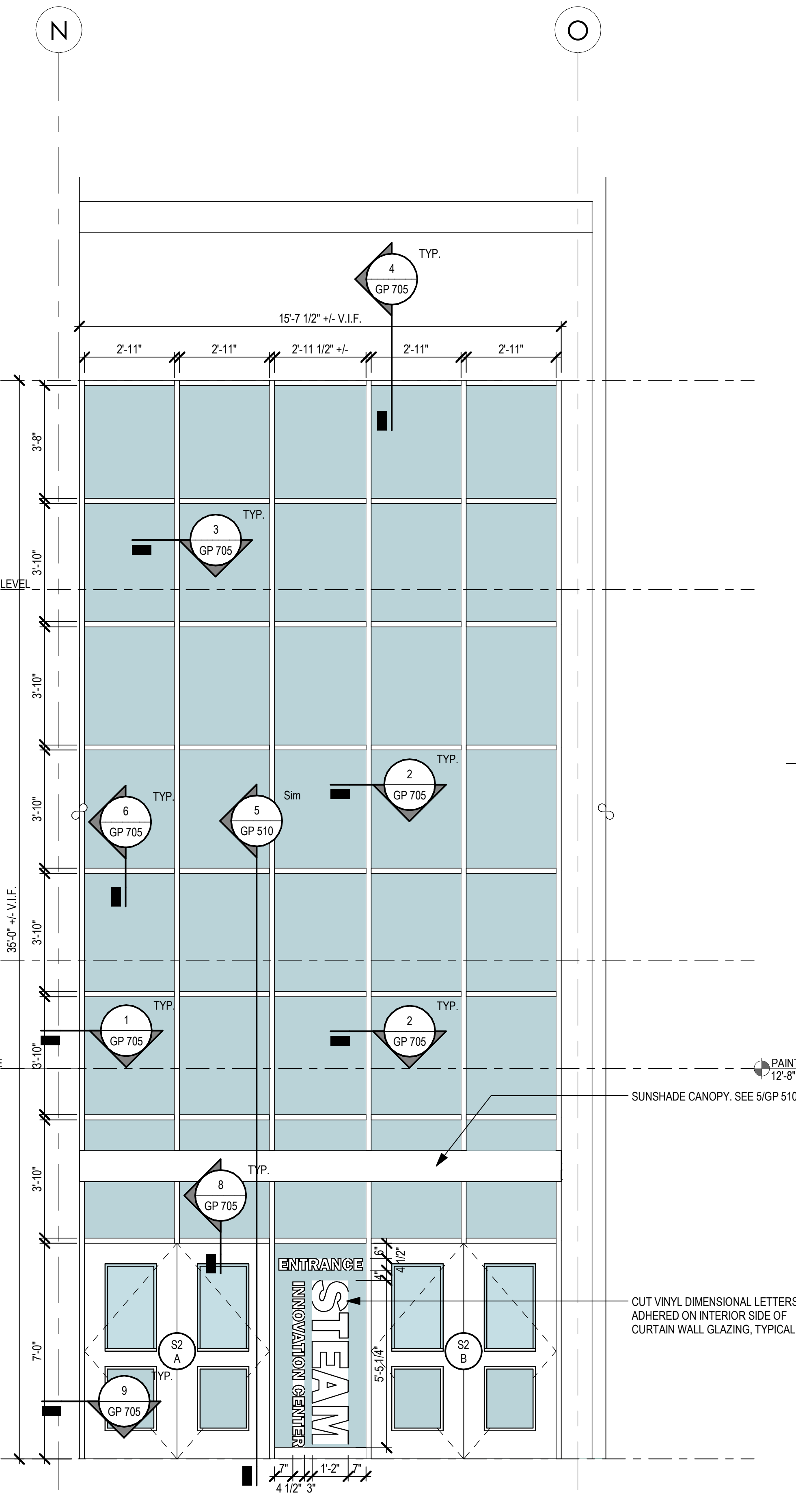
2/8/2021 9:26:58 AM



STAIRWAY S1 CURTAIN WALL ELEVATION

1

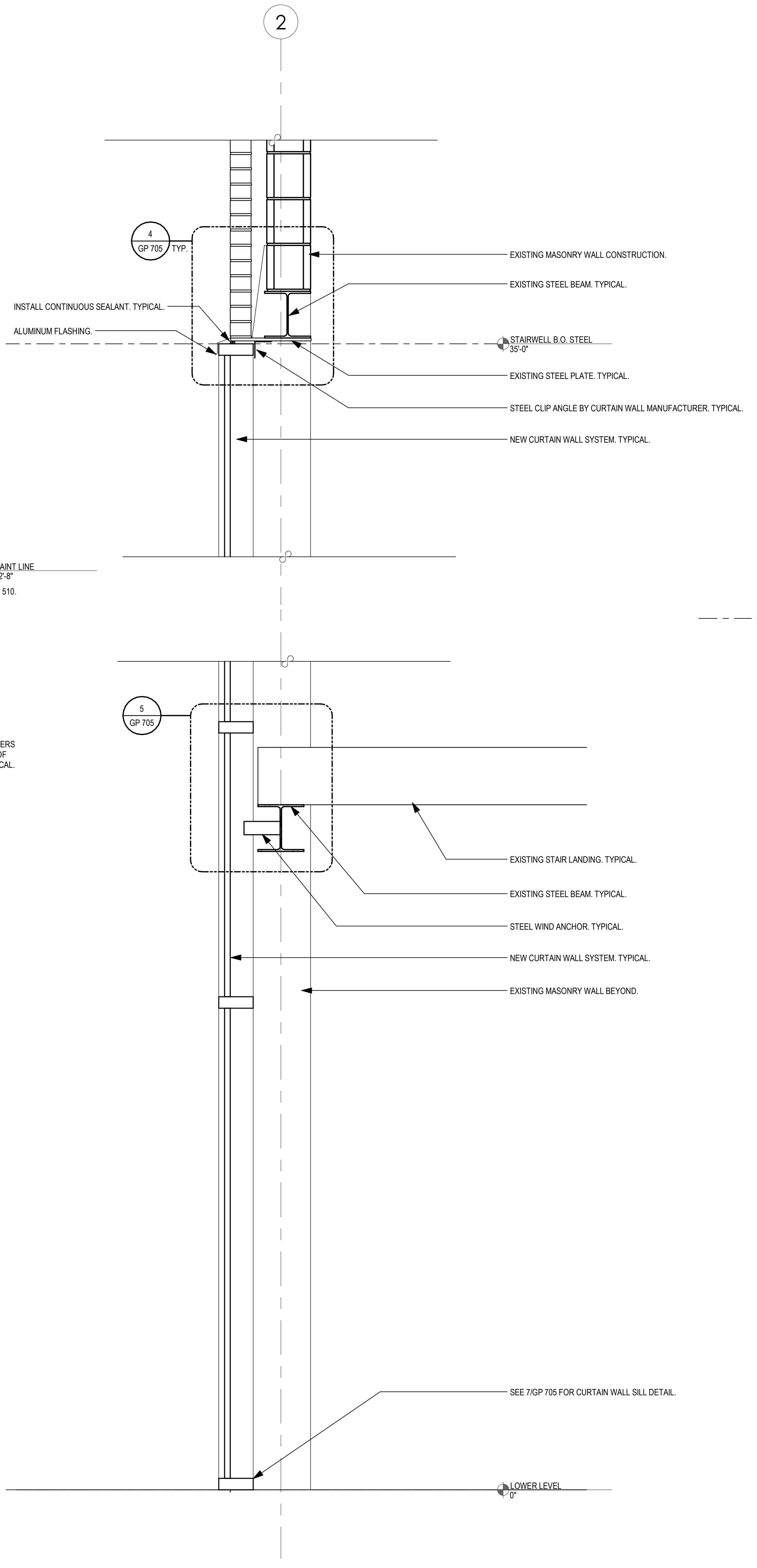
SCALE: 1/4" = 1'-0"

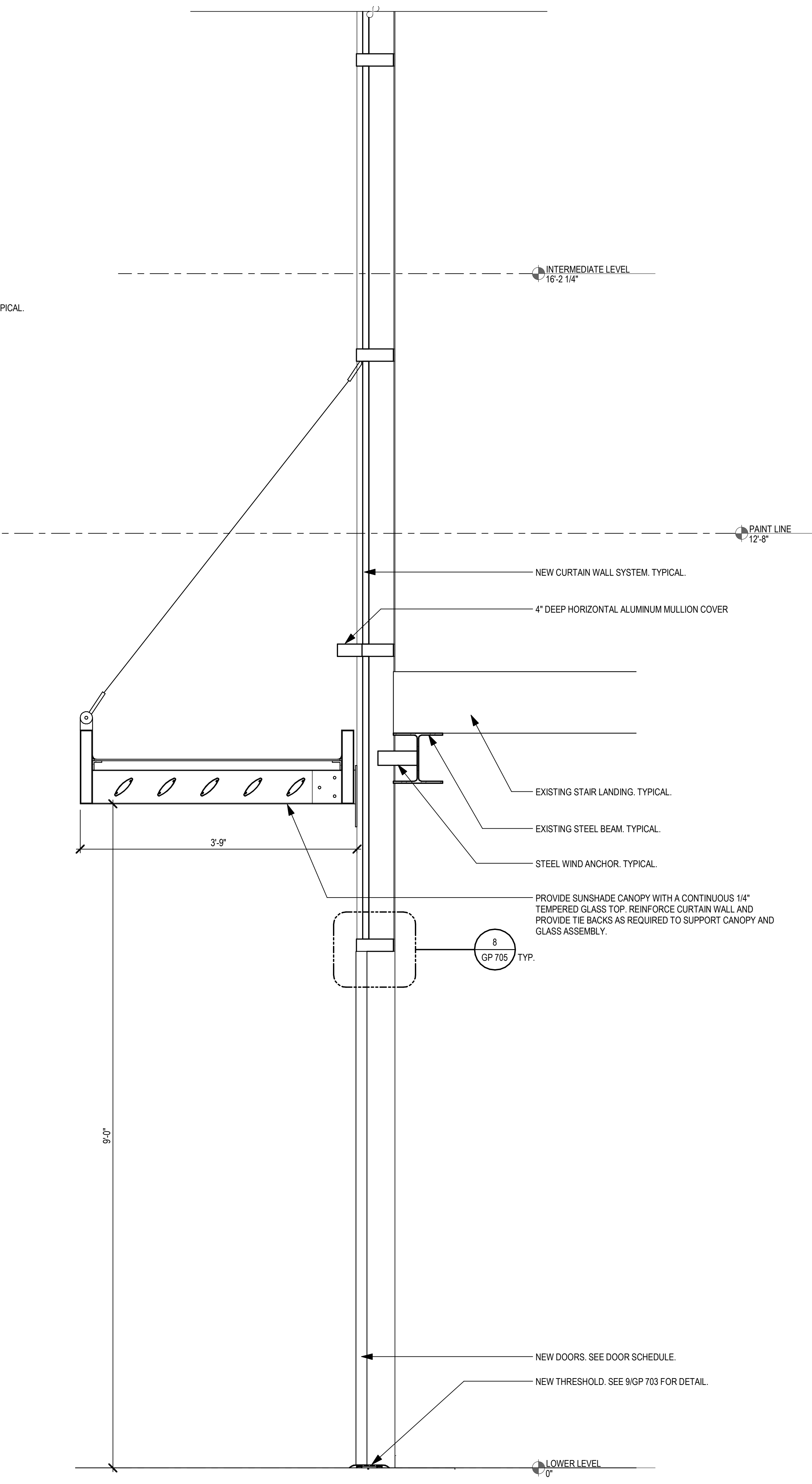


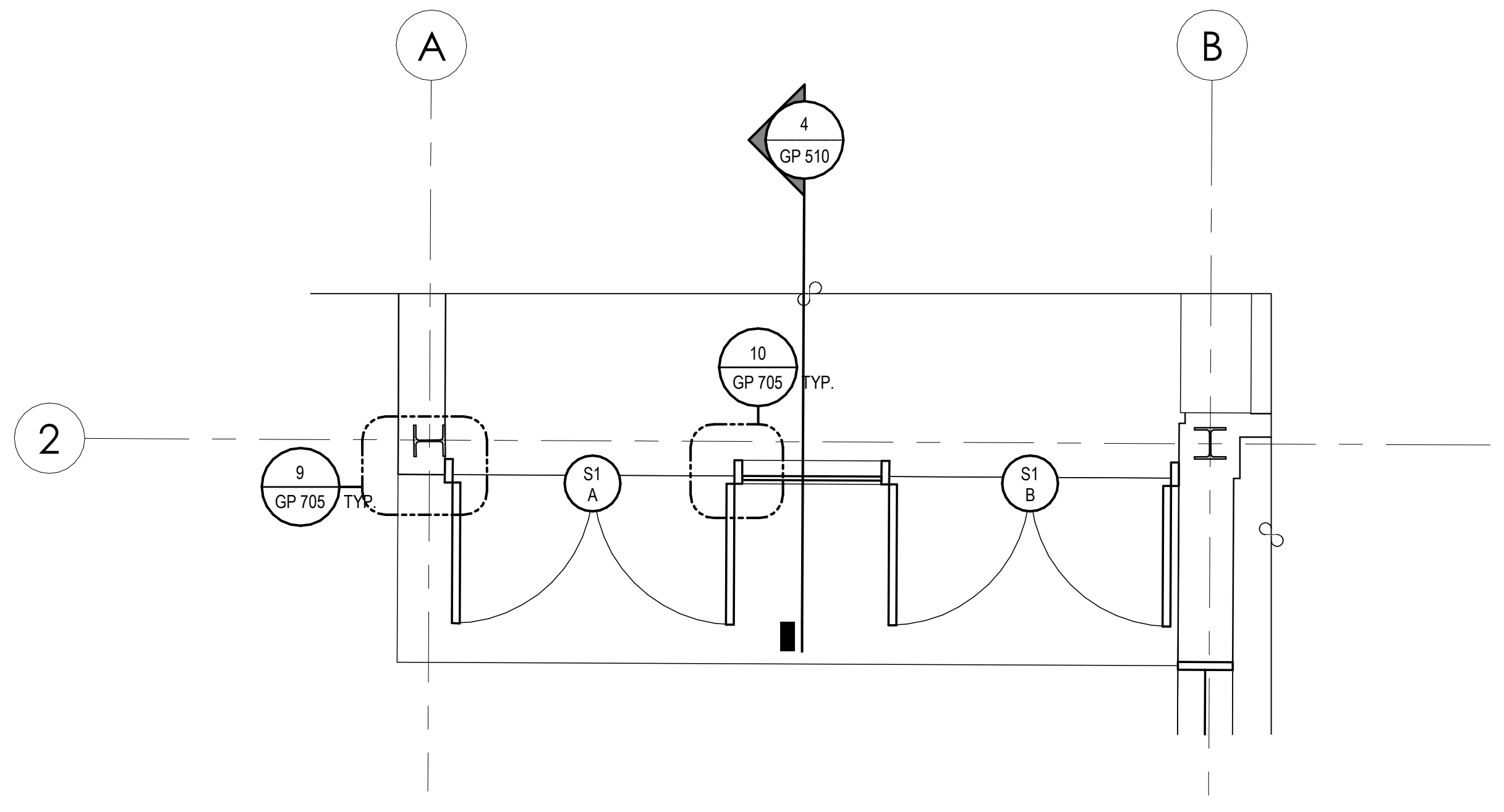
STAIRWAY S2 CURTAIN WALL ELEVATION

3

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


2
4
GP 705
TYP.
EXISTING MASONRY WALL CONSTRUCTION.
EXISTING STEEL BEAM. TYPICAL.
INSTALL CONTINUOUS SEALANT. TYPICAL.
ALUMINUM FLASHING.
STAIRWELL B.O. STEEL
35'-0"
EXISTING STEEL PLATE. TYPICAL.
STEEL CLIP ANGLE BY CURTAIN WALL MANUFACTURER. TYPICAL.
NEW CURTAIN WALL SYSTEM. TYPICAL.
5
GP 705
EXISTING STAIR LANDING. TYPICAL.
EXISTING STEEL BEAM. TYPICAL.
STEEL WIND ANCHOR. TYPICAL.
NEW CURTAIN WALL SYSTEM. TYPICAL.
EXISTING MASONRY WALL BEYOND.
SEE 7/GP 705 FOR CURTAIN WALL SILL DETAIL.
LOWER LEVEL
0"


INTERMEDIATE LEVEL
16'-2 1/4"
PAINT LINE
12'-8"
NEW CURTAIN WALL SYSTEM. TYPICAL.
4" DEEP HORIZONTAL ALUMINUM MULLION COVER
EXISTING STAIR LANDING. TYPICAL.
EXISTING STEEL BEAM. TYPICAL.
STEEL WIND ANCHOR. TYPICAL.
PROVIDE SUNSHADE CANOPY WITH A CONTINUOUS 1/4" TEMPERED GLASS TOP. REINFORCE CURTAIN WALL AND PROVIDE TIE BACKS AS REQUIRED TO SUPPORT CANOPY AND GLASS ASSEMBLY.
8
GP 705
TYP.
3'-9"
9'-0"
NEW DOORS. SEE DOOR SCHEDULE.
NEW THRESHOLD. SEE 9/GP 703 FOR DETAIL.
LOWER LEVEL
0"



STAIRWAY CURTAIN WALL LOWER LEVEL PLAN

2

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

STAIRWAY CURTAIN WALL SECTION

4

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

CANOPY DETAIL OUTSIDE STAIR S2

5

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

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SED NUMBERS: ■ PEEKSKILL HIGH SCHOOL: 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY: 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY: 66-15-00-01-0-007-015
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MOSAIC ASSOCIATES
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Seal

Alterations to School District Facilities
Phase Two

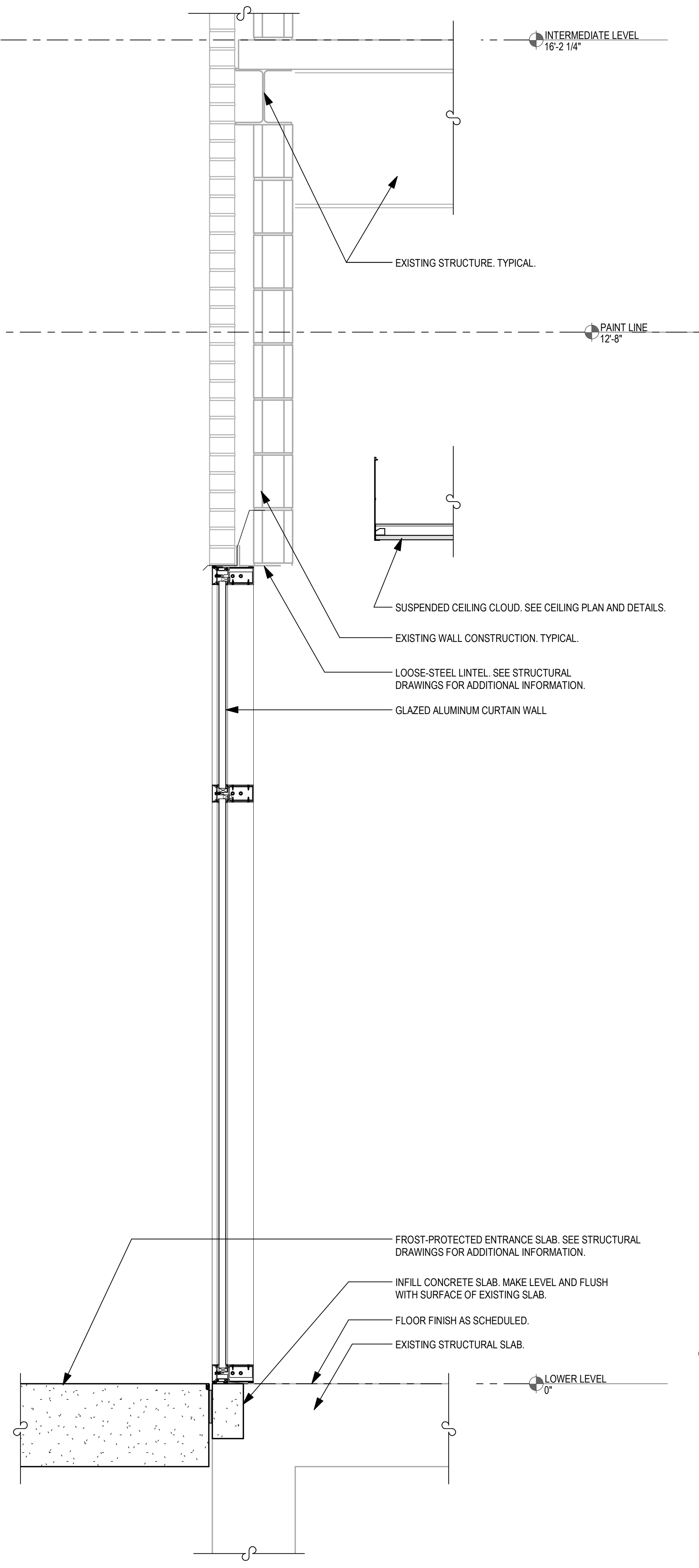
Peekskill City School District
Peekskill, NY

Revision:
ISSUED FOR BID
02/01/2021

Drawing Title:
STAIRWAY CURTAIN WALL PLAN, ELEVATIONS, AND SECTIONS
PEEKSKILL HIGH SCHOOL

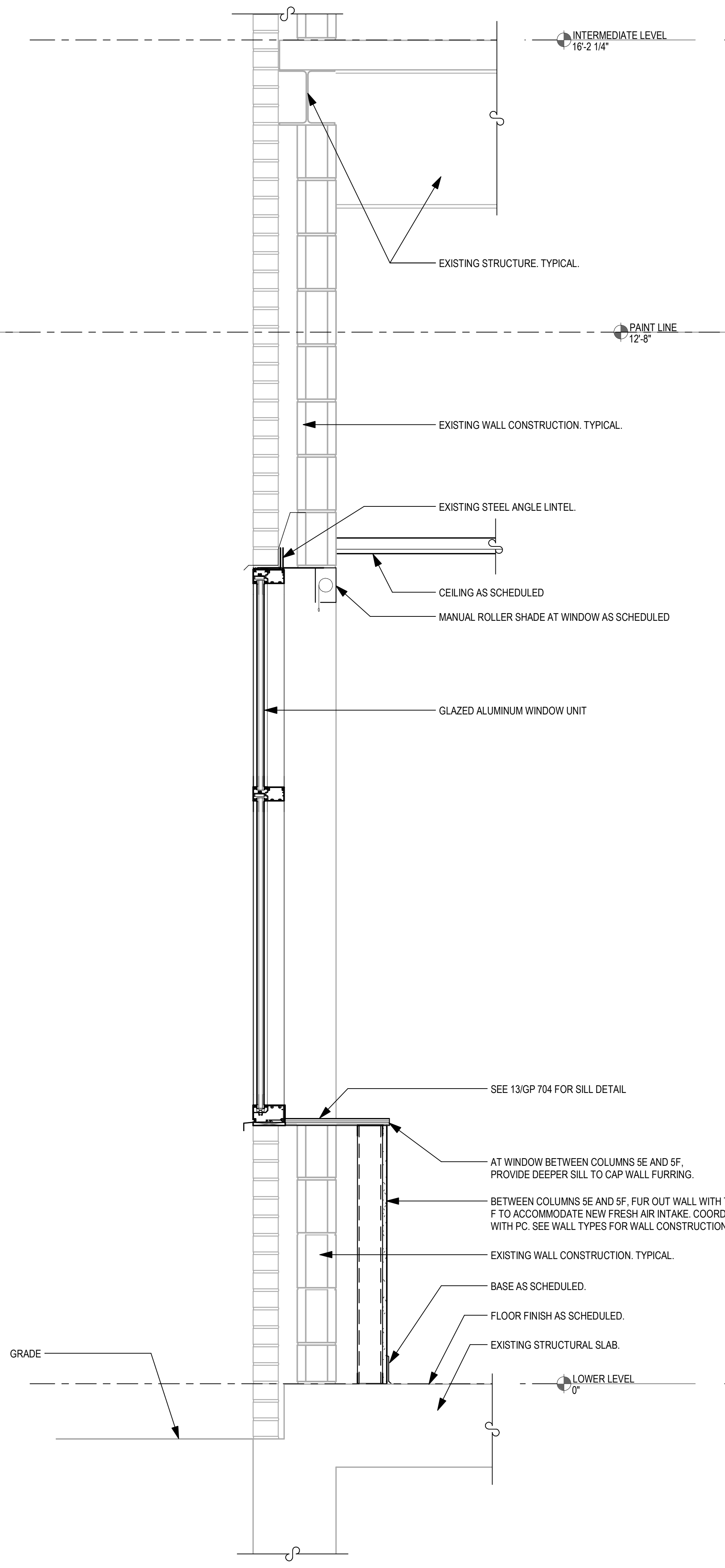
APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Drawing Number:
GP 510


INTERMEDIATE LEVEL
16'-2 1/4"
EXISTING STRUCTURE. TYPICAL.
PAINT LINE
12'-8"
SUSPENDED CEILING CLOUD. SEE CEILING PLAN AND DETAILS.
EXISTING WALL CONSTRUCTION. TYPICAL.
LOOSE-STEEL LINTEL. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
GLAZED ALUMINUM CURTAIN WALL
FROST-PROTECTED ENTRANCE SLAB. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
INFILL CONCRETE SLAB. MAKE LEVEL AND FLUSH WITH SURFACE OF EXISTING SLAB.
FLOOR FINISH AS SCHEDULED.
EXISTING STRUCTURAL SLAB.
LOWER LEVEL
0"

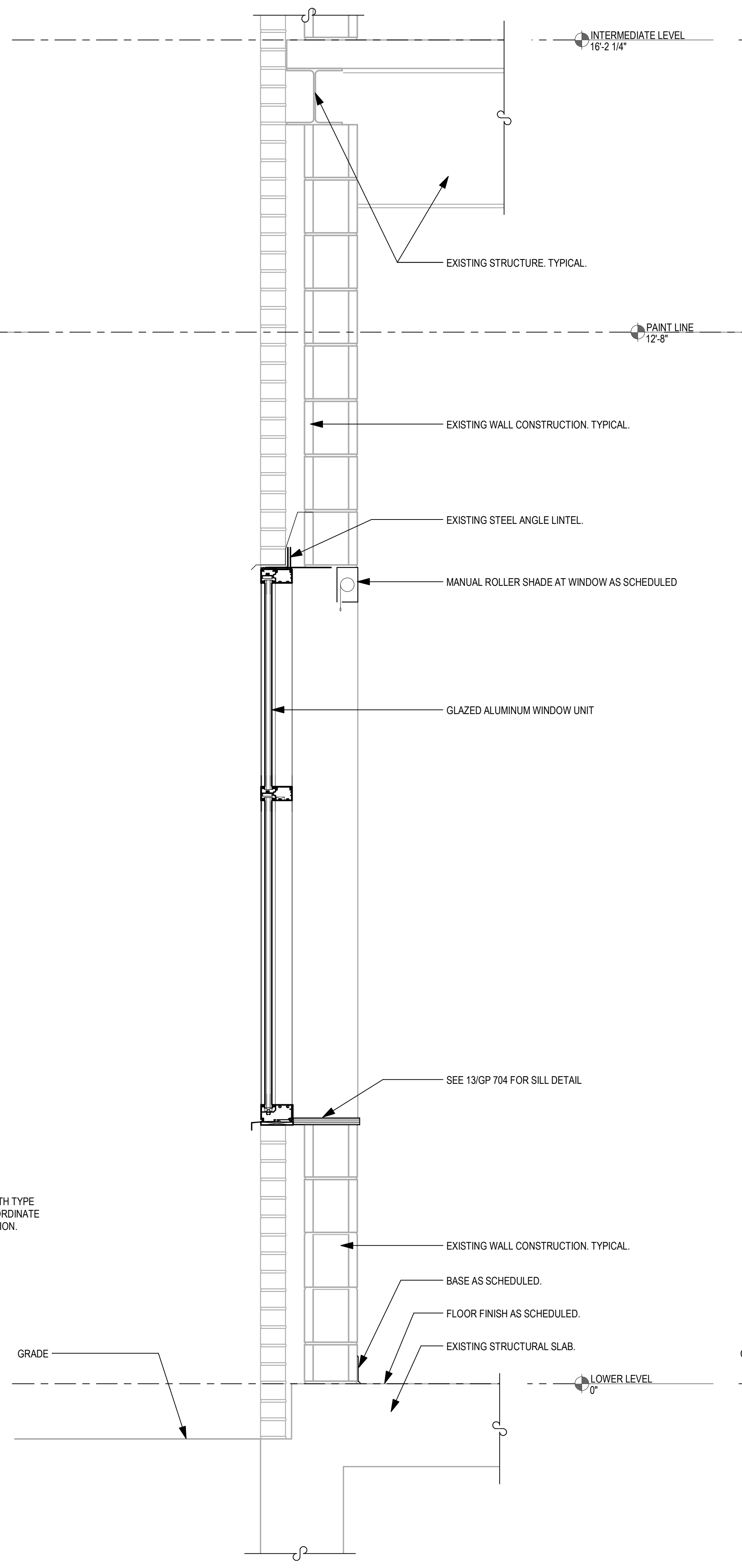
1 WALL SECTION AT MIXER CURTAIN WALL

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


INTERMEDIATE LEVEL
16'-2 1/4"
EXISTING STRUCTURE. TYPICAL.
PAINT LINE
12'-8"
EXISTING WALL CONSTRUCTION. TYPICAL.
EXISTING STEEL ANGLE LINTEL.
CEILING AS SCHEDULED
MANUAL ROLLER SHADE AT WINDOW AS SCHEDULED
GLAZED ALUMINUM WINDOW UNIT
SEE 13/GP 704 FOR SILL DETAIL
AT WINDOW BETWEEN COLUMNS 5E AND 5F, PROVIDE DEEPER SILL TO CAP WALL FURRING.
BETWEEN COLUMNS 5E AND 5F, FUR OUT WALL WITH TYPE F TO ACCOMMODATE NEW FRESH AIR INTAKE. COORDINATE WITH PC. SEE WALL TYPES FOR WALL CONSTRUCTION.
EXISTING WALL CONSTRUCTION. TYPICAL.
BASE AS SCHEDULED.
FLOOR FINISH AS SCHEDULED.
EXISTING STRUCTURAL SLAB.
GRADE
LOWER LEVEL
0"

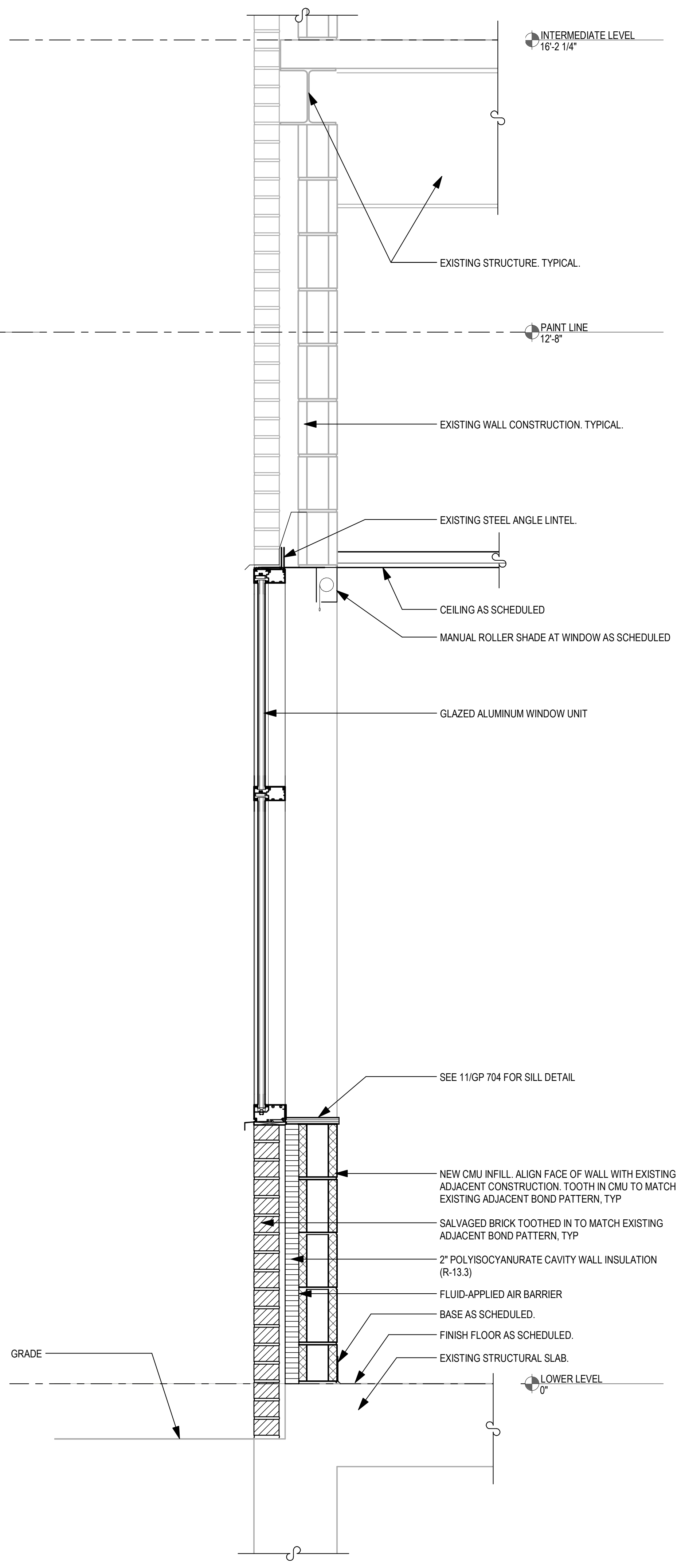
2 WALL SECTION AT NEW WINDOWS

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


INTERMEDIATE LEVEL
16'-2 1/4"
EXISTING STRUCTURE. TYPICAL.
PAINT LINE
12'-8"
EXISTING WALL CONSTRUCTION. TYPICAL.
EXISTING STEEL ANGLE LINTEL.
MANUAL ROLLER SHADE AT WINDOW AS SCHEDULED
GLAZED ALUMINUM WINDOW UNIT
SEE 13/GP 704 FOR SILL DETAIL
EXISTING WALL CONSTRUCTION. TYPICAL.
BASE AS SCHEDULED.
FLOOR FINISH AS SCHEDULED.
EXISTING STRUCTURAL SLAB.
GRADE
LOWER LEVEL
0"

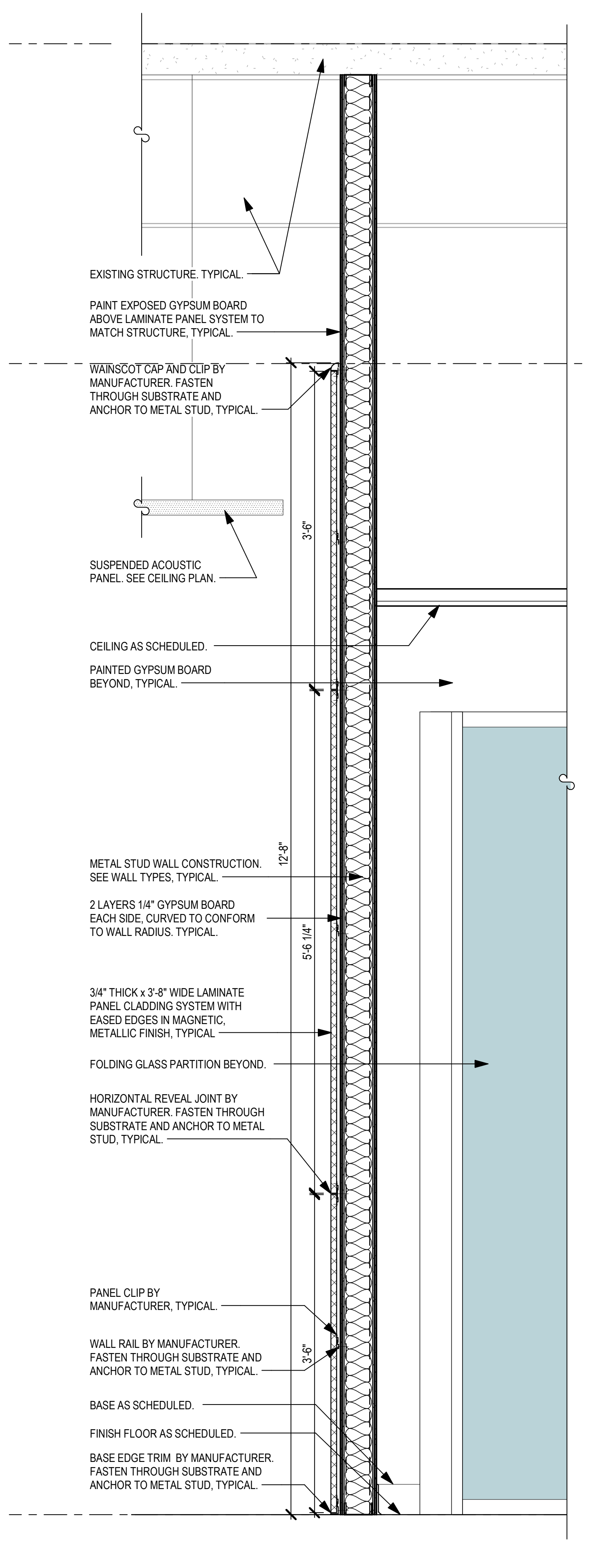
3 WALL SECTION AT TECH/ROBOTICS WINDOW

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


INTERMEDIATE LEVEL
16'-2 1/4"
EXISTING STRUCTURE. TYPICAL.
PAINT LINE
12'-8"
EXISTING WALL CONSTRUCTION. TYPICAL.
EXISTING STEEL ANGLE LINTEL.
CEILING AS SCHEDULED
MANUAL ROLLER SHADE AT WINDOW AS SCHEDULED
GLAZED ALUMINUM WINDOW UNIT
SEE 11/GP 704 FOR SILL DETAIL
NEW CMU INFILL. ALIGN FACE OF WALL WITH EXISTING ADJACENT CONSTRUCTION. TOOTH IN CMU TO MATCH EXISTING ADJACENT BOND PATTERN, TYP
SALVAGED BRICK TOOTHED IN TO MATCH EXISTING ADJACENT BOND PATTERN, TYP
2" POLYISOCYANURATE CAVITY WALL INSULATION (R-13.3)
FLUID-APPLIED AIR BARRIER
BASE AS SCHEDULED.
FINISH FLOOR AS SCHEDULED.
EXISTING STRUCTURAL SLAB.
GRADE
LOWER LEVEL
0"

4 WALL SECTION AT MASONRY INFILL

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


EXISTING STRUCTURE. TYPICAL.
PAINT EXPOSED GYPSUM BOARD ABOVE LAMINATE PANEL SYSTEM TO MATCH STRUCTURE, TYPICAL.
PAINT LINE
12'-8"
WAINSCOT CAP AND CLIP BY MANUFACTURER. FASTEN THROUGH SUBSTRATE AND ANCHOR TO METAL STUD, TYPICAL.
SUSPENDED ACOUSTIC PANEL. SEE CEILING PLAN.
CEILING AS SCHEDULED.
PAINTED GYPSUM BOARD BEYOND, TYPICAL.
3'-6"
12'-8"
5'-6 1/4"
METAL STUD WALL CONSTRUCTION. SEE WALL TYPES, TYPICAL.
2 LAYERS 1/4" GYPSUM BOARD EACH SIDE, CURVED TO CONFORM TO WALL RADIUS. TYPICAL.
3/4" THICK x 3'-8" WIDE LAMINATE PANEL CLADDING SYSTEM WITH EASED EDGES IN MAGNETIC, METALLIC FINISH, TYPICAL
FOLDING GLASS PARTITION BEYOND.
HORIZONTAL REVEAL JOINT BY MANUFACTURER. FASTEN THROUGH SUBSTRATE AND ANCHOR TO METAL STUD, TYPICAL.
PANEL CLIP BY MANUFACTURER, TYPICAL.
WALL RAIL BY MANUFACTURER. FASTEN THROUGH SUBSTRATE AND ANCHOR TO METAL STUD, TYPICAL.
3'-6"
BASE AS SCHEDULED.
FINISH FLOOR AS SCHEDULED.
BASE EDGE TRIM BY MANUFACTURER. FASTEN THROUGH SUBSTRATE AND ANCHOR TO METAL STUD, TYPICAL.

5 WALL SECTION AT LAMINATE PANEL SYSTEM

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

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Seal:

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Peekskill City School District
Peekskill, NY

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02/01/2021

Drawing Title:
WALL SECTIONS

PEEKSKILL HIGH SCHOOL

APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Drawing Number:
GP 601

DOOR SCHEDULE

Mark	DOOR CONSTRUCTION	DOOR GLAZING MATERIAL	DOOR FACING AND FINISH	DOOR-TYPE	PANEL 1 WIDTH	PANEL 2 WIDTH	PANEL HEIGHT	THICKNESS	FRAME CONSTRUCTION	FRAME GLAZING MATERIAL	FRAME FINISH	FRAME-TYPE	DETAIL HEAD	DETAIL JAMB	DETAIL INTERMEDIATE	DETAIL SILL	THRESHOLD MATERIAL	DOOR AND FRAME FIRE RATING	HARDWARE SET	REMARKS
101 A	SC	FG2	WS	D3	3'-0"		7'-0"	1 3/4"	AL	FG2	MP	F10	5/GP 704	2/GP 704, 6/GP 704	3/GP 704, 7/GP 704	4/GP 704, 8/GP 704	-	45	6A	FIRE RESISTIVE FRAMING SYSTEM
101 B	AL	INSG	FF	D2	3'-0"		7'-0"	1 3/4"	HM	INSG	FF	F4	13/GP 703	4/GP 703	7/GP 703	9/GP 703	AL	-	5	
102 A	SC	FG2	WS	D3	3'-0"		7'-0"	1 3/4"	AL	FG2	MP	F10	5/GP 704	2/GP 704, 6/GP 704	3/GP 704, 7/GP 704	4/GP 704, 8/GP 704	-	45	6A	FIRE RESISTIVE FRAMING SYSTEM
102 B	AL	INSG	FF	D2	3'-0"		7'-0"	1 3/4"	HM	INSG	FF	F4	13/GP 703	4/GP 703	7/GP 703	9/GP 703	AL	-	5	
102A A	SC	-	WS	D1	3'-0"		7'-0"	1 3/4"	HM	-	MP	F1	1/GP 703	5/GP 703	-	9/GP 703	-	-	13	
102A B	SC	-	WS	D1	3'-0"		7'-0"	1 3/4"	HM	-	MP	F1	1/GP 703	5/GP 703	-	9/GP 703	-	-	13	
103 A	SC	FG2	WS	D3	3'-0"		7'-0"	1 3/4"	AL	FG2	MP	F10	5/GP 704	2/GP 704, 6/GP 704	3/GP 704, 7/GP 704	4/GP 704, 8/GP 704	-	45	6	FIRE RESISTIVE FRAMING SYSTEM
103 B	AL	INSG	FF	D2	3'-6"		7'-0"	1 3/4"	HM	INSG	FF	F4	13/GP 703	4/GP 703	7/GP 703	9/GP 703	AL	-	5	
103B A	SC	-	WS	D1	3'-0"		7'-0"	1 3/4"	HM	-	MP	F1	1/GP 703	5/GP 703	-	9/GP 703	-	90	9	
104 A	AL	FG2	FF	D2	3'-0"		8'-6"	2"	AL	FG2	FF	F9	1/GP 704, 5/GP 704	2/GP 704	3/GP 704, 7/GP 704	4/GP 704, 8/GP 704	-	45	6B	FIRE RESISTIVE FRAMING SYSTEM
104 B	AL	FG2	FF	D2	3'-0"		8'-6"	2"	AL	FG2	FF	F9	1/GP 704, 5/GP 704	2/GP 704	3/GP 704, 7/GP 704	4/GP 704, 8/GP 704	-	45	6B	FIRE RESISTIVE FRAMING SYSTEM
104 C	AL	INSG	FF	D2	3'-0"	3'-0"	7'-0"	2"	AL	INSG	FF	F7	11/GP 705	12/GP 705	3/GP 705, 6/GP 705, 10/GP 705	9/GP 703, 7/GP 705	AL	-	4	
104A A	AL	IRSG	GL	D6	3'-0"		8'-8"		AL	IRSG	MP	F5	1/GP 704, 5/GP 704	2/GP 704	3/GP 704, 7/GP 704	4/GP 704, 8/GP 704	-	-	20	
104B A	AL	IRSG	GL	D6	3'-0"		8'-8"		AL	IRSG	MP	F5	1/GP 704, 5/GP 704	2/GP 704	3/GP 704, 7/GP 704	4/GP 704, 8/GP 704	-	-	20	
104C A	SC	IRSG	WS	D3	3'-0"		7'-0"	1 3/4"	HM	IRSG	MP	F6	1/GP 703, 2/GP 703	5/GP 703, 6/GP 703	7/GP 703, 8/GP 703	9/GP 703, 11/GP 703	-	-	12	
105 A	SC	FG2	WS	D3	3'-0"	3'-0"	7'-0"	1 3/4"	AL	FG2	MP	F8	5/GP 704	6/GP 704	3/GP 704, 7/GP 704, 9/GP 704	4/GP 704, 8/GP 704	AL	90	7	FIRE RESISTIVE FRAMING SYSTEM
105 B	SC	FG2	WS	D3	3'-0"		7'-0"	1 3/4"	HM	-	MP	F1	1/GP 703	5/GP 703	-	9/GP 703	AL	90	10	
105 C	AL	INSG	FF	D2	3'-0"		7'-0"	1 3/4"	HM	INSG	FF	F4	13/GP 703	4/GP 703	7/GP 703	9/GP 703	AL	-	5	
105 D	MFFC	-	MP	D7	10'-0"		8'-6"	1 5/8"	EXIST.	-	EXMP	EXIST.	EXIST.	EXIST.	-	EXIST.	-	-	21	NEW OVERHEAD DOOR INSTALLED IN EXISTING OPENING.
105A A	SC	-	WS	D1	3'-0"	3'-0"	7'-0"	1 3/4"	HM	-	MP	F1	1/GP 703	5/GP 703	-	9/GP 703	-	-	15	
106 A	GL	IRSG	GL	-	3'-0"		8'-6"		-	IRSG	-	-	3/GP 402	-	-	-	AL	-	16	DOOR INCLUDED IN FOLDING PARTITION SYSTEM.
106 B	SC	FG2	WS	D3	3'-0"		7'-0"	1 3/4"	HM	-	MP	F1	1/GP 703	5/GP 703	-	9/GP 703	AL	-	8	
107 A	SC	IRSG	WS	D3	3'-0"		7'-0"	1 3/4"	HM	IRSG	MP	F3	2/GP 703	5/GP 703, 6/GP 703	7/GP 703, 8/GP 703	9/GP 703, 10/GP 703	-	-	11	
107 B	SC	IRSG	WS	D3	3'-0"		7'-0"	1 3/4"	HM	-	MP	F1	1/GP 703	5/GP 703	-	9/GP 703	-	-	13	
107 C	AL	INSG	FF	D2	3'-6"		7'-0"	1 3/4"	HM	INSG	FF	F4	13/GP 703	4/GP 703	7/GP 703	9/GP 703	AL	-	5	
108 A	SC	-	WS	D1	3'-0"		7'-0"	1 3/4"	HM	-	MP	F2	3/GP 703	4/GP 703	-	9/GP 703	AL	45	14	
109 A	SC	-	WS	D1	3'-0"		7'-0"	1 3/4"	HM	-	MP	F2	3/GP 703	4/GP 703	-	12/GP 703	MB	45	18	ALTERNATE 1-G.
110 A	SC	-	WS	D1	3'-0"		7'-0"	1 3/4"	HM	-	MP	F2	3/GP 703	4/GP 703	-	12/GP 703	MB	45	19	ALTERNATE 1-G.
111 A	SC	-	WS	D1	3'-0"		7'-0"	1 3/4"	HM	-	MP	F2	3/GP 703	4/GP 703	-	12/GP 703	MB	45	19	ALTERNATE 1-G.
112 A	SC	-	WS	D1	3'-0"		7'-0"	1 3/4"	HM	-	MP	F2	3/GP 703	4/GP 703	-	12/GP 703	MB	45	19	ALTERNATE 1-G.
S1 A	AL	INSG	FF	D2	3'-0"	3'-0"	7'-0"	2"	AL	INSG	FF	SEE REMARKS	4/GP 705	9/GP 705	3/GP 705, 6/GP 705, 8/GP 705, 10/GP 705	7/GP 705	AL	-	3	DOOR IN CURTAIN WALL. SEE ELEVATIONS FOR SURROUNDING FRAME
S1 B	AL	INSG	FF	D2	3'-0"	3'-0"	7'-0"	2"	AL	INSG	FF	SEE REMARKS	4/GP 705	9/GP 705	3/GP 705, 6/GP 705, 8/GP 705, 10/GP 705	7/GP 705	AL	-	2	DOOR IN CURTAIN WALL. SEE ELEVATIONS FOR SURROUNDING FRAME
S2 A	AL	INSG	FF	D2	3'-0"	3'-0"	7'-0"	2"	AL	INSG	FF	SEE REMARKS	4/GP 705	9/GP 705	3/GP 705, 6/GP 705, 8/GP 705, 10/GP 705	7/GP 705	AL	-	3	DOOR IN CURTAIN WALL. SEE ELEVATIONS FOR SURROUNDING FRAME
S2 B	AL	INSG	FF	D2	3'-0"	3'-0"	7'-0"	2"	AL	INSG	FF	SEE REMARKS	4/GP 705	9/GP 705	3/GP 705, 6/GP 705, 8/GP 705, 10/GP 705	7/GP 705	AL	-	1	DOOR IN CURTAIN WALL. SEE ELEVATIONS FOR SURROUNDING FRAME

DOOR SCHEDULE NOTES

DOOR CONSTRUCTION

AL	ALUMINUM
FRP	FRP/ALUMINUM HYBRID DOOR
GL	GLAZED
HM	HOLLOW METAL
MFFC	METAL FRAMED AND FOAM CORE
SC	SOLID CORE WOOD DOOR

DOOR FACING AND FINISH

AN	ANODIZED
FRP	FIBERGLASS REINFORCED PLASTIC
MP	METAL PAINTED
WS	FACTORY FINISH TRANSPARENT WOOD STAIN

FRAME CONSTRUCTION

AL	ALUMINUM
HM	HOLLOW METAL

FRAME FINISH

AN	CLEAR ANODIZED
AN2	COLOR ANODIZED
EXMP	PAINT EXISTING METAL
MP	METAL PAINTED
FF	FACTORY-APPLIED FINISH

THRESHOLD MATERIAL

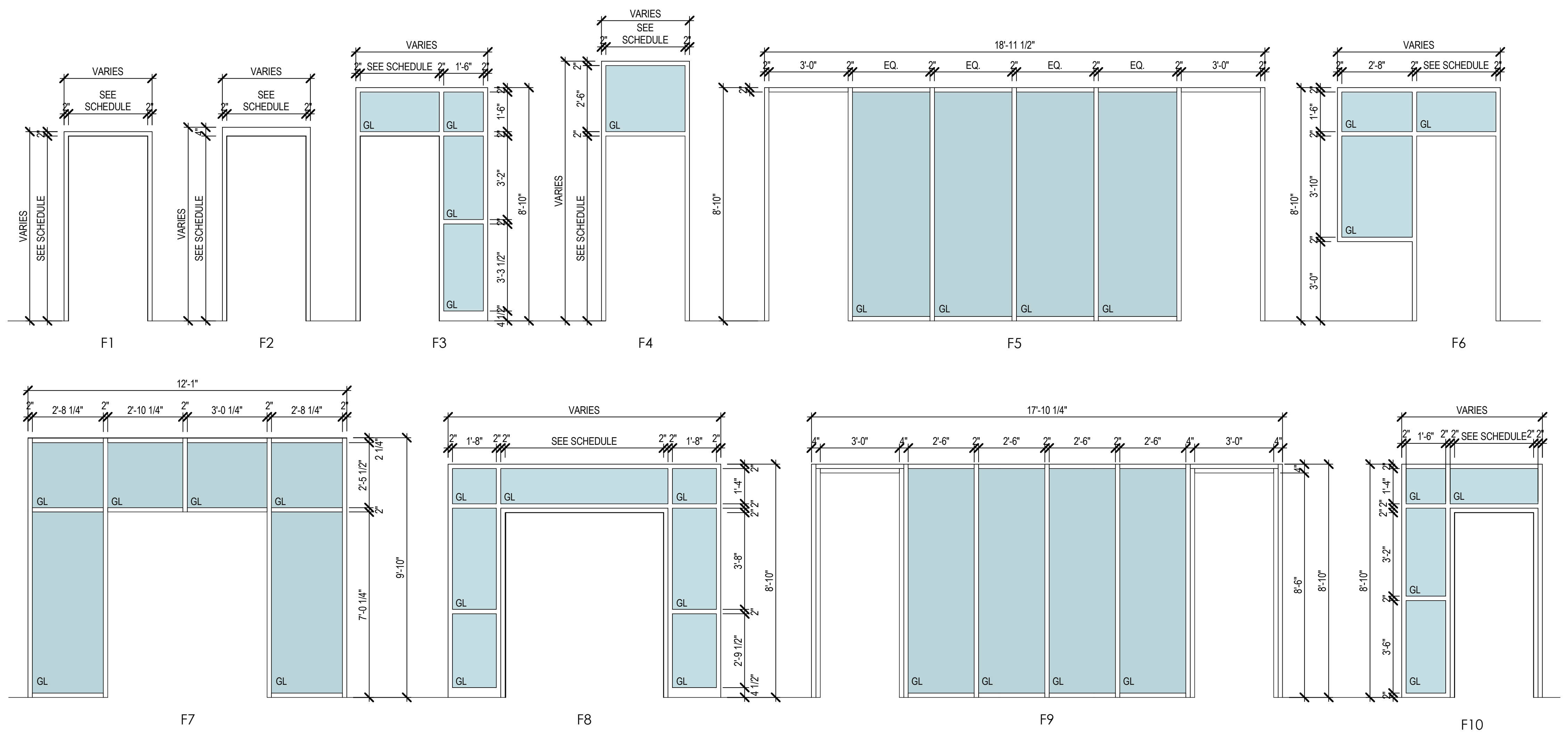
AL	ALUMINUM
MB	MARBLE

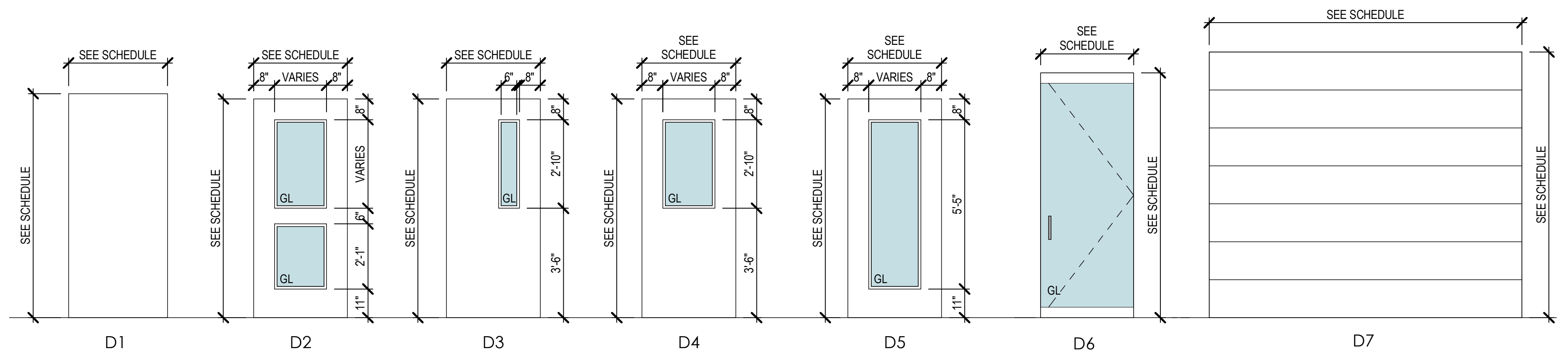
GENERAL NOTES:

1. **DOOR AND FRAME FIRE RATING:** NUMBER INDICATES REQUIRED MINUTES OF FIRE RATING. IF TWO NUMBERS ARE INDICATED, THE FIRST INDICATES DOOR RATING AND THE SECOND INDICATES SIDELIGHT/TRANSOM RATING (E.G. "20, 45"). "TR" INDICATES TEMPERATURE RISE DOOR

GLASS AND GLAZING TYPES

INLG	INSULATED LAMINATED GLAZING
INSG	INSULATED SAFETY GLAZING
IP	INSULATED METAL PANEL
IRSG	IMPACT RESISTANT SAFETY GLASS
FG1	20 MINUTE FIRE PROTECTION RATED GLASS
FG2	FIRE RESISTANCE RATED GLASS, RATING VARIES
SG	INSULATED SPANDREL GLASS PANEL





1 **DOOR TYPES**

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

NOTE: "GL" INDICATES GLASS LITE. SEE SCHEDULE FOR GLASS TYPE.

2 **FRAME TYPES**

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

NOTE: "GL" INDICATES GLASS LITE. SEE SCHEDULE FOR GLASS TYPE.

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Seal

Consultant:

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, NY

Drawing Title:
DOOR AND FRAME
SCHEDULE AND TYPES

PEEKSKILL HIGH SCHOOL

APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Drawing Number:
GP 701

2/3/2021 3:09:46 PM

WINDOW SCHEDULE

WINDOW TYPE	FRAME CONSTRUCTION	GLAZING MATERIAL	FRAME FINISH	WINDOW SASH OPERATION	HEAD DETAIL	JAMB DETAIL	INTERMEDIATE DETAIL	SILL DETAIL	FIRE RATING	REMARKS
W1	AL	INSG	FF	SL	10/GP 704	11/GP 704	12/GP 704	13/GP 704	-	PROVIDE MANUAL ROLLER SHADES ABOVE WINDOWS
W2	AL	INSG	FF	SL	10/GP 704	11/GP 704	12/GP 704	13/GP 704		PROVIDE MANUAL ROLLER SHADES ABOVE WINDOWS
W3	AL	INSG	FF	FX	11/GP 705	12/GP 705, 10/GP 802	3/GP 705, 6/GP 705	7/GP 705	-	
W4	AL	FG2	FF	FX	14/GP 704	15/GP 704	-	16/GP 704	-	
W5	HM	IRSG	MP	FX	2/GP 703	6/GP 703	-	11/GP 703	60	
W6	AL	FG2	FF	FX	17/GP 704	18/GP 704	-	19/GP 704	-	

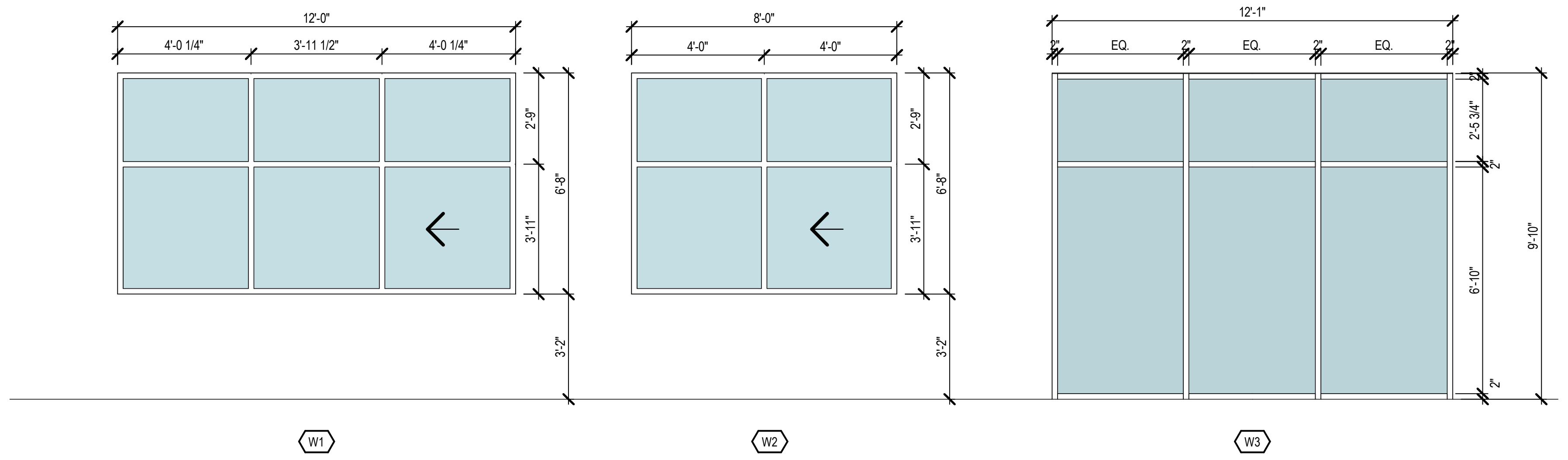
120

GLASS AND GLAZING TYPES

INLG	INSULATED LAMINATED GLAZING
INSG	INSULATED SAFETY GLAZING
IP	INSULATED METAL PANEL
IRSG	IMPACT RESISTANT SAFETY GLASS
FG1	20 MINUTE FIRE PROTECTION RATED GLASS
FG2	FIRE RESISTANCE RATED GLASS, RATING VARIES
SG	INSULATED SPANDREL GLASS PANEL

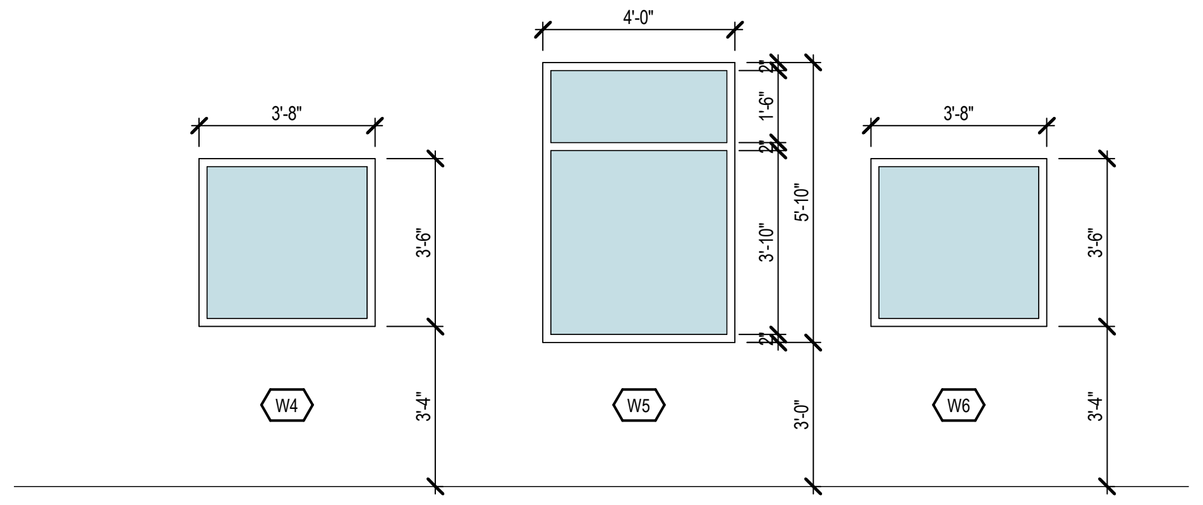
WINDOW SASH OPERATION

AW	AWNING
CS	CASEMENT
DH	DOUBLE HUNG
FX	FIXED
SL	SLIDER
SH	SINGLE HUNG



1 EXTERIOR WINDOW TYPES

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



2 INTERIOR WINDOW TYPES

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

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02/01/2021

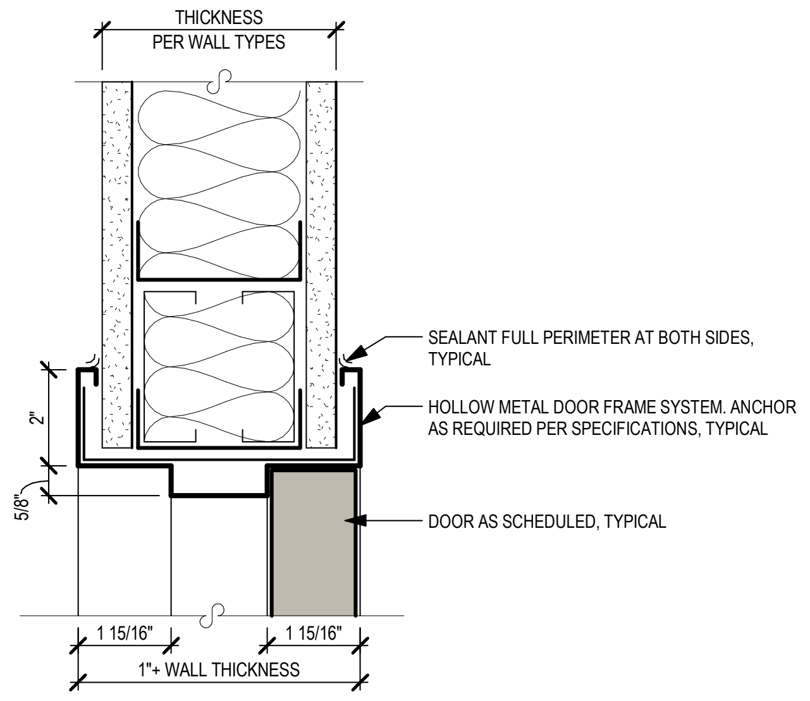
Drawing Title:
WINDOW TYPES AND
SCHEDULE

PEEKSKILL HIGH SCHOOL

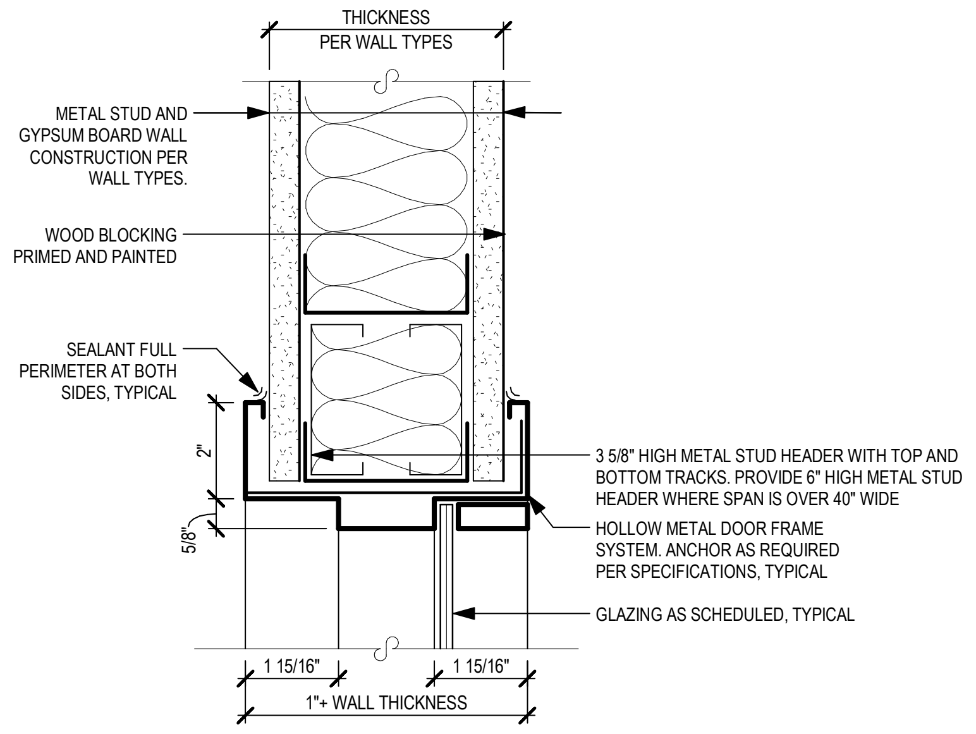
APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Drawing Number:
GP
702

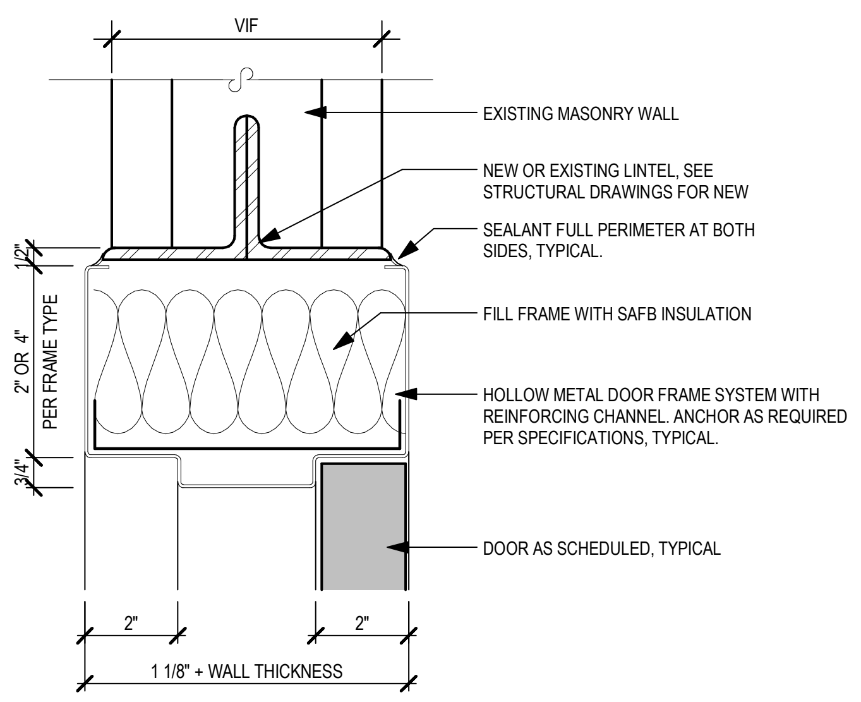
2/3/2021 2:36:03 PM


THICKNESS
PER WALL TYPES
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL
HOLLOW METAL DOOR FRAME SYSTEM. ANCHOR AS REQUIRED PER SPECIFICATIONS, TYPICAL
DOOR AS SCHEDULED, TYPICAL
2"
5/8"
1 15/16"
1 15/16"
1"+ WALL THICKNESS

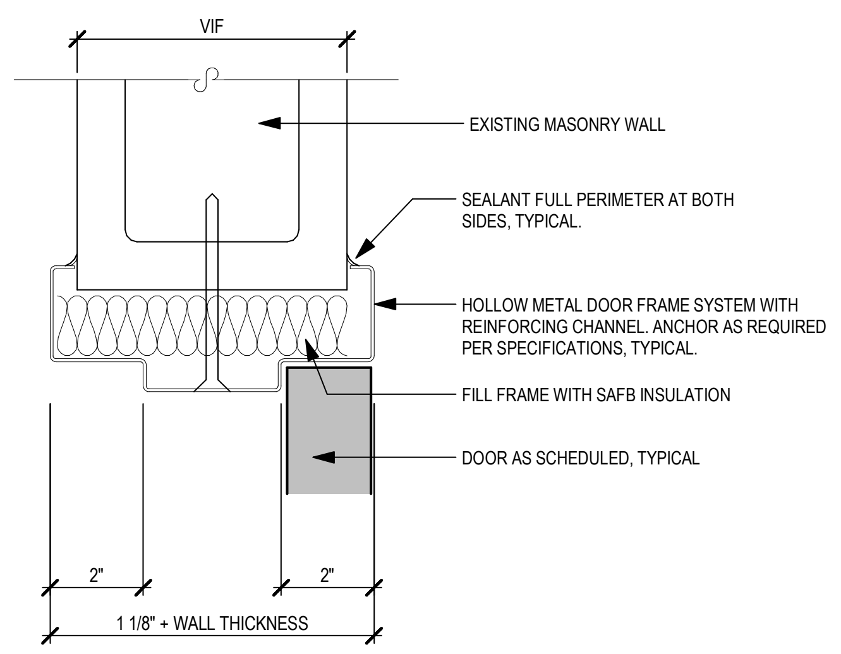
1 HEAD DETAIL
SCALE: 3"=1'-0"


THICKNESS
PER WALL TYPES
METAL STUD AND GYPSUM BOARD WALL CONSTRUCTION PER WALL TYPES.
WOOD BLOCKING PRIMED AND PAINTED
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL
3 5/8" HIGH METAL STUD HEADER WITH TOP AND BOTTOM TRACKS. PROVIDE 6" HIGH METAL STUD HEADER WHERE SPAN IS OVER 40" WIDE
HOLLOW METAL DOOR FRAME SYSTEM. ANCHOR AS REQUIRED PER SPECIFICATIONS, TYPICAL
GLAZING AS SCHEDULED, TYPICAL
2"
5/8"
1 15/16"
1 15/16"
1"+ WALL THICKNESS

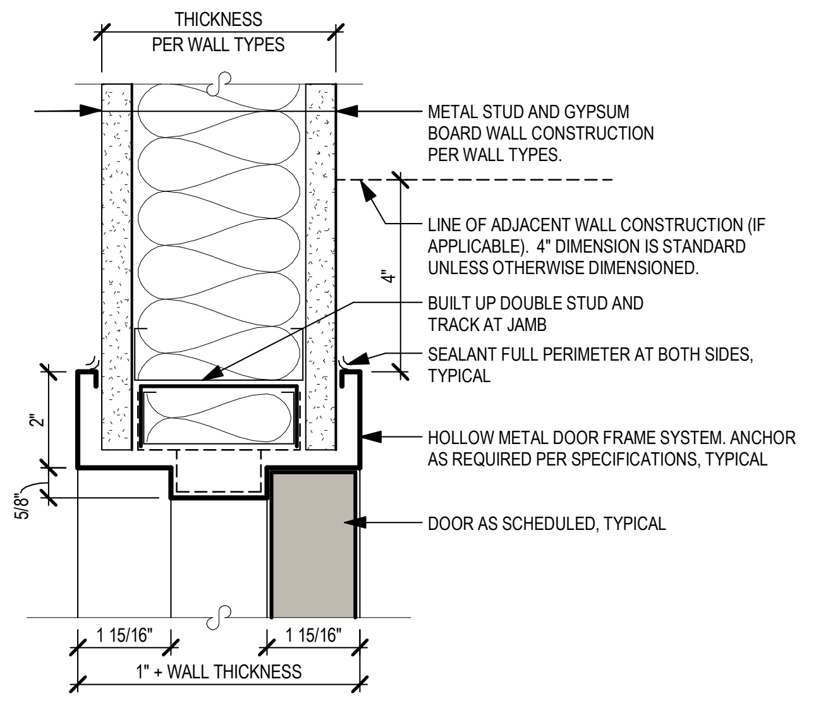
2 HEAD DETAIL
SCALE: 3"=1'-0"


VIF
EXISTING MASONRY WALL
NEW OR EXISTING LINTEL, SEE STRUCTURAL DRAWINGS FOR NEW
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL.
FILL FRAME WITH SAFB INSULATION
HOLLOW METAL DOOR FRAME SYSTEM WITH REINFORCING CHANNEL. ANCHOR AS REQUIRED PER SPECIFICATIONS, TYPICAL.
DOOR AS SCHEDULED, TYPICAL
1/2"
2" OR 4" PER FRAME TYPE
3/4"
2"
2"
1 1/8" + WALL THICKNESS

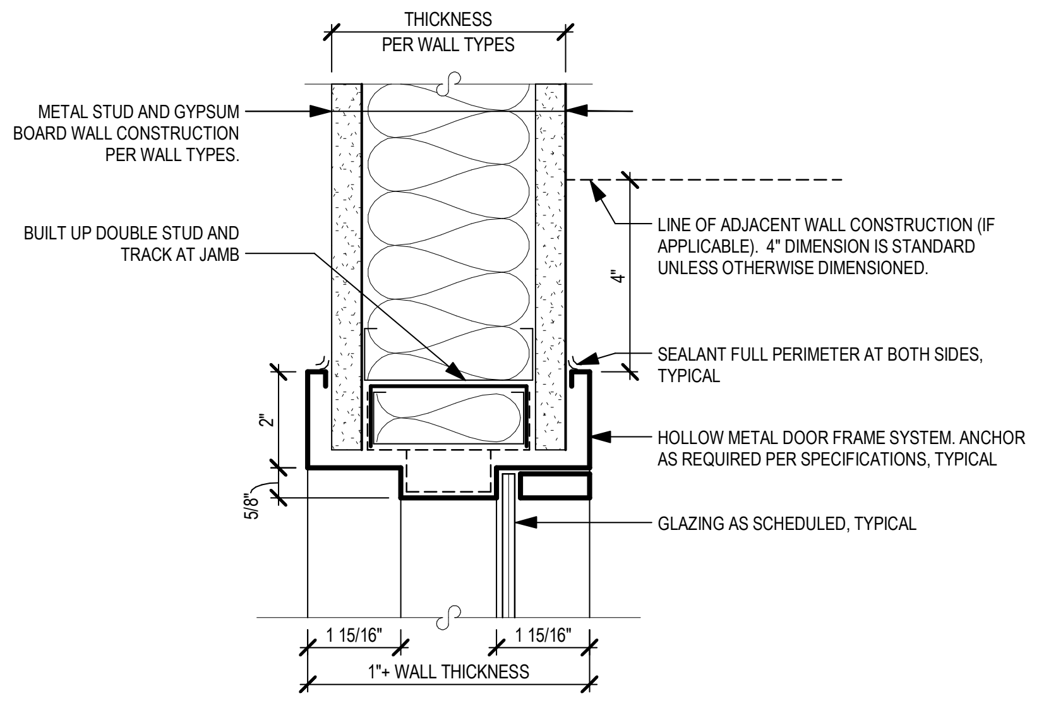
3 HEAD DETAIL IN MASONRY- EXISTING WALL
SCALE: 3"=1'-0"


VIF
EXISTING MASONRY WALL
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL.
HOLLOW METAL DOOR FRAME SYSTEM WITH REINFORCING CHANNEL. ANCHOR AS REQUIRED PER SPECIFICATIONS, TYPICAL.
FILL FRAME WITH SAFB INSULATION
DOOR AS SCHEDULED, TYPICAL
2"
2"
1 1/8" + WALL THICKNESS

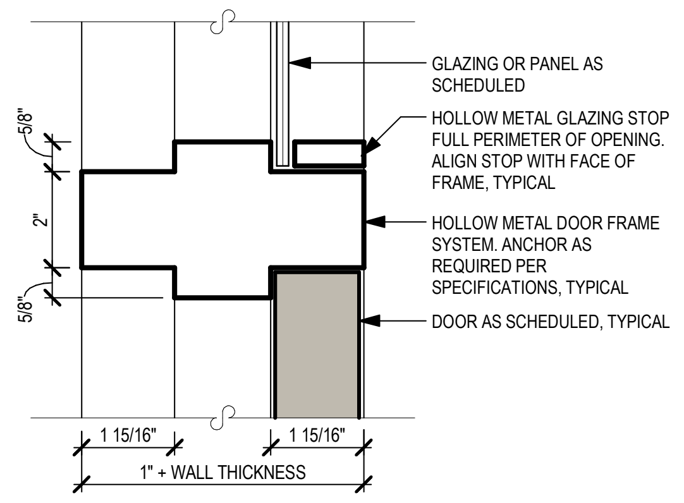
4 JAMB DETAIL IN MASONRY- EXISTING WALL
SCALE: 3"=1'-0"


THICKNESS
PER WALL TYPES
METAL STUD AND GYPSUM BOARD WALL CONSTRUCTION PER WALL TYPES.
LINE OF ADJACENT WALL CONSTRUCTION (IF APPLICABLE). 4" DIMENSION IS STANDARD UNLESS OTHERWISE DIMENSIONED.
4"
BUILT UP DOUBLE STUD AND TRACK AT JAMB
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL
HOLLOW METAL DOOR FRAME SYSTEM. ANCHOR AS REQUIRED PER SPECIFICATIONS, TYPICAL
DOOR AS SCHEDULED, TYPICAL
2"
5/8"
1 15/16"
1 15/16"
1" + WALL THICKNESS

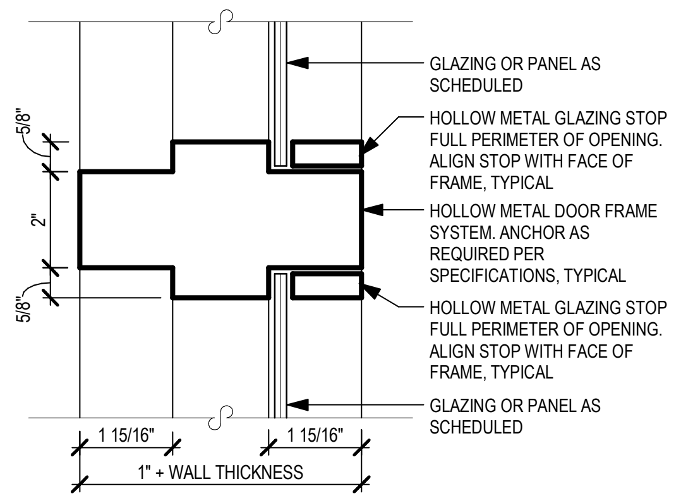
5 JAMB DETAIL
SCALE: 3"=1'-0"


THICKNESS
PER WALL TYPES
METAL STUD AND GYPSUM BOARD WALL CONSTRUCTION PER WALL TYPES.
BUILT UP DOUBLE STUD AND TRACK AT JAMB
LINE OF ADJACENT WALL CONSTRUCTION (IF APPLICABLE). 4" DIMENSION IS STANDARD UNLESS OTHERWISE DIMENSIONED.
4"
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL
HOLLOW METAL DOOR FRAME SYSTEM. ANCHOR AS REQUIRED PER SPECIFICATIONS, TYPICAL
GLAZING AS SCHEDULED, TYPICAL
2"
5/8"
1 15/16"
1 15/16"
1"+ WALL THICKNESS

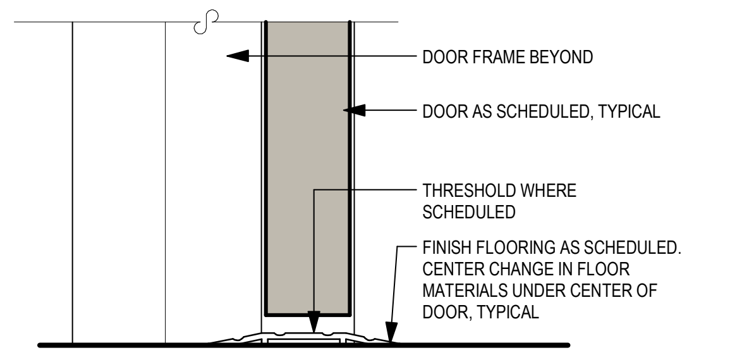
6 JAMB DETAIL
SCALE: 3"=1'-0"


GLAZING OR PANEL AS SCHEDULED
HOLLOW METAL GLAZING STOP FULL PERIMETER OF OPENING. ALIGN STOP WITH FACE OF FRAME, TYPICAL
HOLLOW METAL DOOR FRAME SYSTEM. ANCHOR AS REQUIRED PER SPECIFICATIONS, TYPICAL
DOOR AS SCHEDULED, TYPICAL
5/8"
2"
5/8"
1 15/16"
1 15/16"
1" + WALL THICKNESS

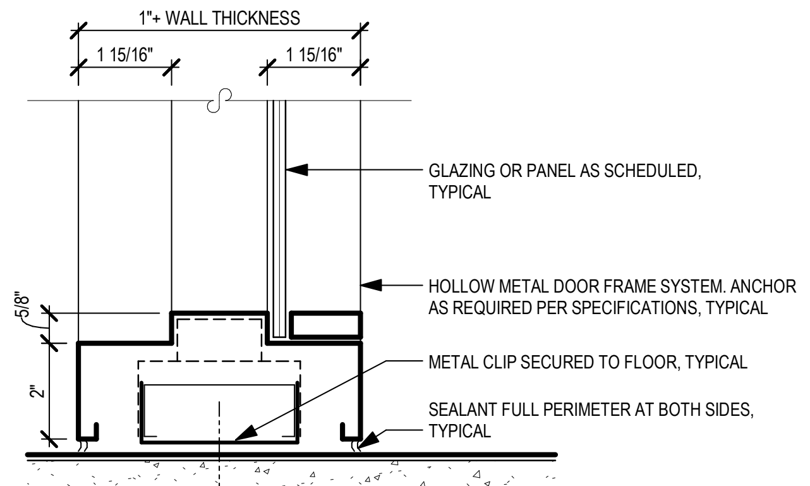
7 INTERMEDIATE DETAIL
SCALE: 3"=1'-0"


GLAZING OR PANEL AS SCHEDULED
HOLLOW METAL GLAZING STOP FULL PERIMETER OF OPENING. ALIGN STOP WITH FACE OF FRAME, TYPICAL
HOLLOW METAL DOOR FRAME SYSTEM. ANCHOR AS REQUIRED PER SPECIFICATIONS, TYPICAL
HOLLOW METAL GLAZING STOP FULL PERIMETER OF OPENING. ALIGN STOP WITH FACE OF FRAME, TYPICAL
GLAZING OR PANEL AS SCHEDULED
5/8"
2"
5/8"
1 15/16"
1 15/16"
1" + WALL THICKNESS

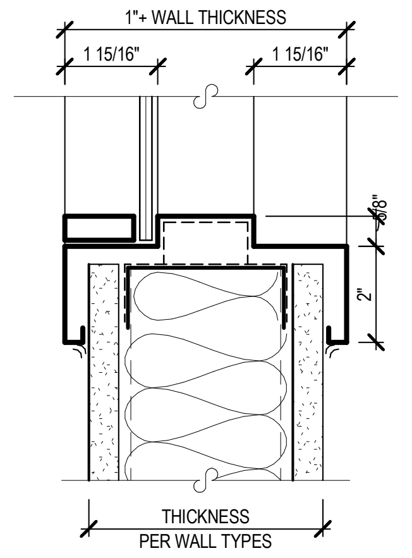
8 INTERMEDIATE DETAIL
SCALE: 3"=1'-0"


DOOR FRAME BEYOND
DOOR AS SCHEDULED, TYPICAL
THRESHOLD WHERE SCHEDULED
FINISH FLOORING AS SCHEDULED. CENTER CHANGE IN FLOOR MATERIALS UNDER CENTER OF DOOR, TYPICAL

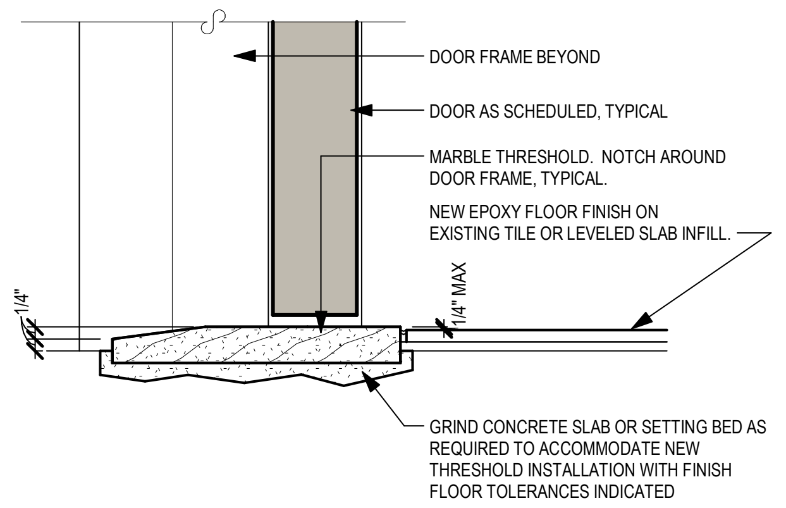
9 SILL DETAIL
SCALE: 3"=1'-0"


1"+ WALL THICKNESS
1 15/16"
1 15/16"
GLAZING OR PANEL AS SCHEDULED, TYPICAL
HOLLOW METAL DOOR FRAME SYSTEM. ANCHOR AS REQUIRED PER SPECIFICATIONS, TYPICAL
METAL CLIP SECURED TO FLOOR, TYPICAL
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL
5/8"
2"

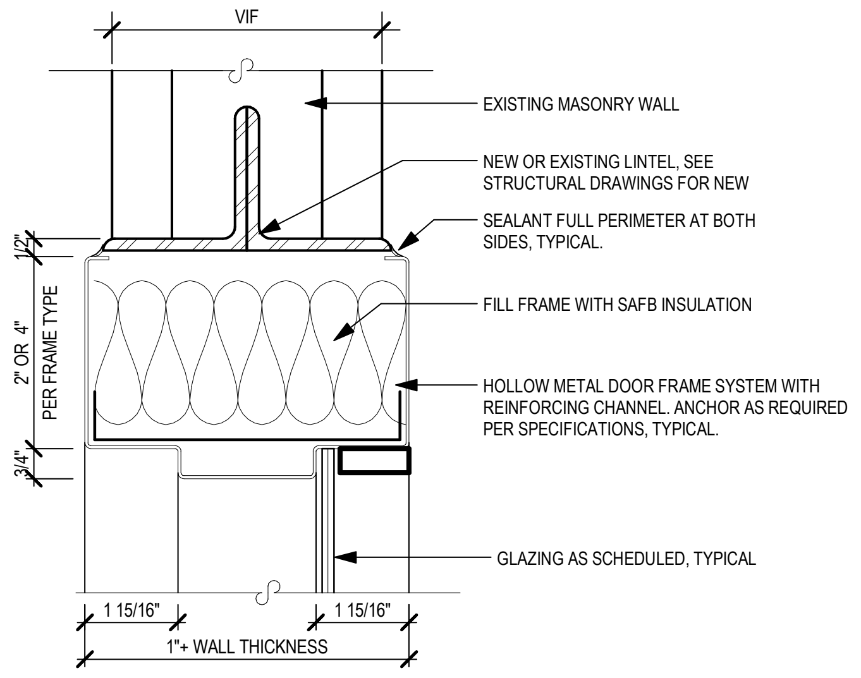
10 SILL DETAIL
SCALE: 3"=1'-0"



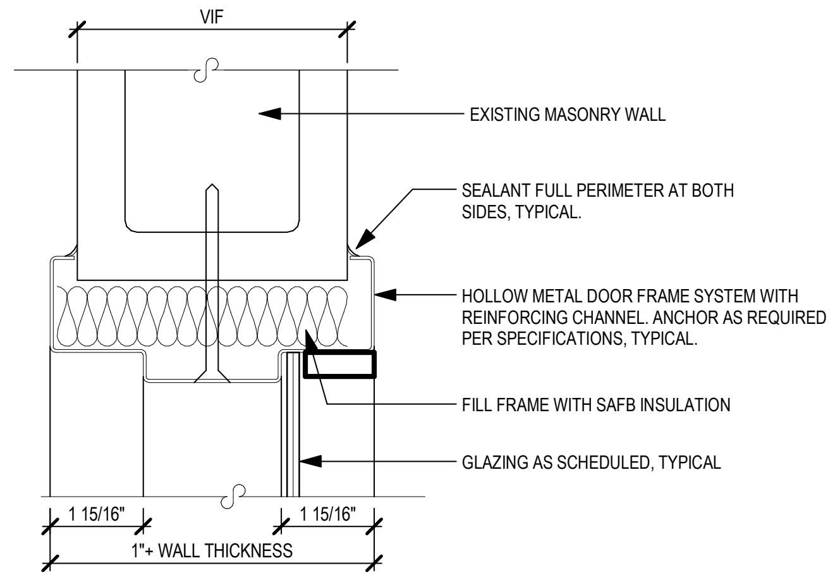
11 SILL DETAIL
SCALE: 3"=1'-0"


DOOR FRAME BEYOND
DOOR AS SCHEDULED, TYPICAL
MARBLE THRESHOLD. NOTCH AROUND DOOR FRAME, TYPICAL.
NEW EPOXY FLOOR FINISH ON EXISTING TILE OR LEVELED SLAB INFILL.
1/4" MAX
1/4"
GRIND CONCRETE SLAB OR SETTING BED AS REQUIRED TO ACCOMMODATE NEW THRESHOLD INSTALLATION WITH FINISH FLOOR TOLERANCES INDICATED

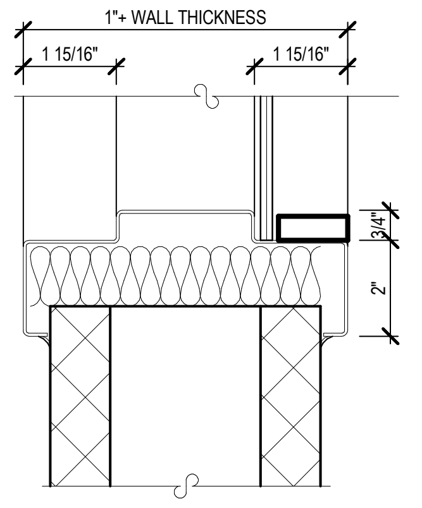
12 SILL DETAIL
SCALE: 3"=1'-0"


VIF
EXISTING MASONRY WALL
NEW OR EXISTING LINTEL, SEE STRUCTURAL DRAWINGS FOR NEW
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL.
FILL FRAME WITH SAFB INSULATION
HOLLOW METAL DOOR FRAME SYSTEM WITH REINFORCING CHANNEL. ANCHOR AS REQUIRED PER SPECIFICATIONS, TYPICAL.
GLAZING AS SCHEDULED, TYPICAL
1/2"
2" OR 4" PER FRAME TYPE
3/4"
1 15/16"
1 15/16"
1"+ WALL THICKNESS

13 HEAD DETAIL IN MASONRY- EXISTING WALL
SCALE: 3"=1'-0"


VIF
EXISTING MASONRY WALL
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL.
HOLLOW METAL DOOR FRAME SYSTEM WITH REINFORCING CHANNEL. ANCHOR AS REQUIRED PER SPECIFICATIONS, TYPICAL.
FILL FRAME WITH SAFB INSULATION
GLAZING AS SCHEDULED, TYPICAL
1 15/16"
1 15/16"
1"+ WALL THICKNESS

14 JAMB DETAIL IN MASONRY- EXISTING WALL
SCALE: 3"=1'-0"



15 SILL DETAIL IN MASONRY - EXISTING WALL
SCALE: 3"=1'-0"

SED NUMBERS: ■ PEEKSKILL HIGH SCHOOL: 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY: 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY: 66-15-00-01-0-007-015

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES. ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

MOSAIC
ASSOCIATES
Mosaic Associates Architects, DPC
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

Seal

Consultant:

Revision:
ISSUED FOR BID
02/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, NY

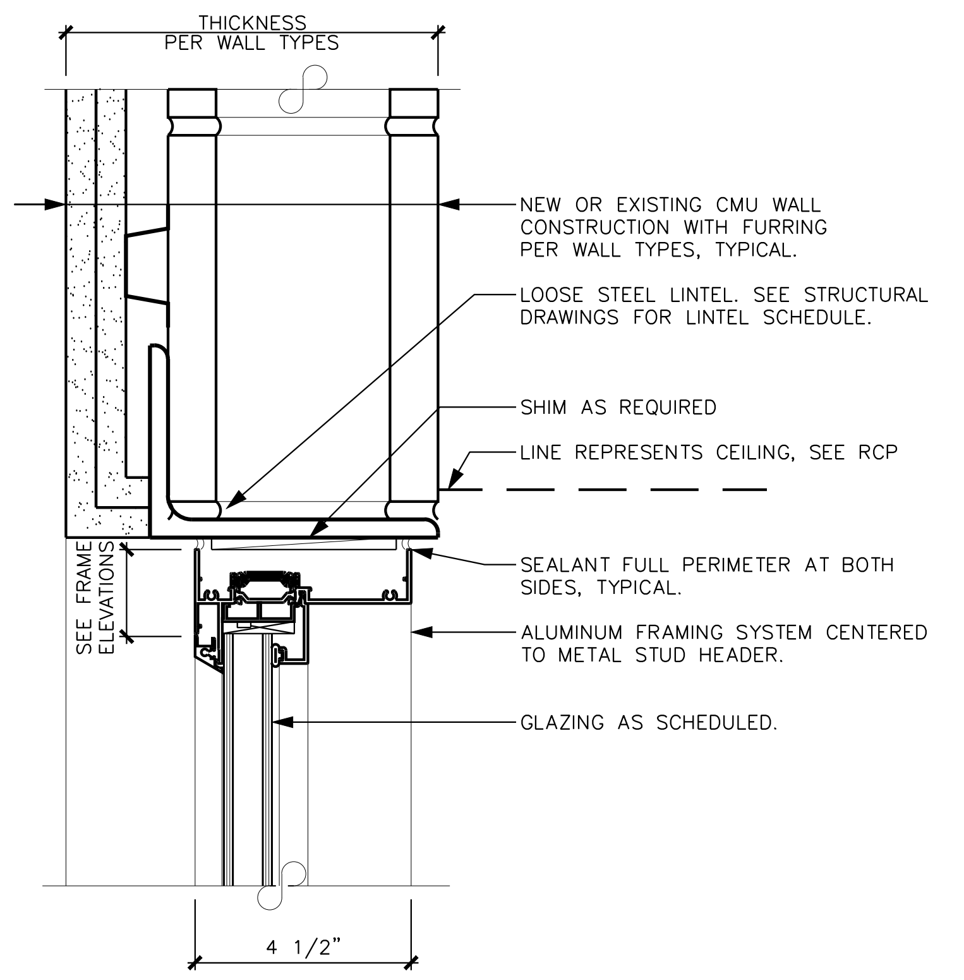
Drawing Title:
FRAME DETAILS

PEEKSKILL HIGH SCHOOL

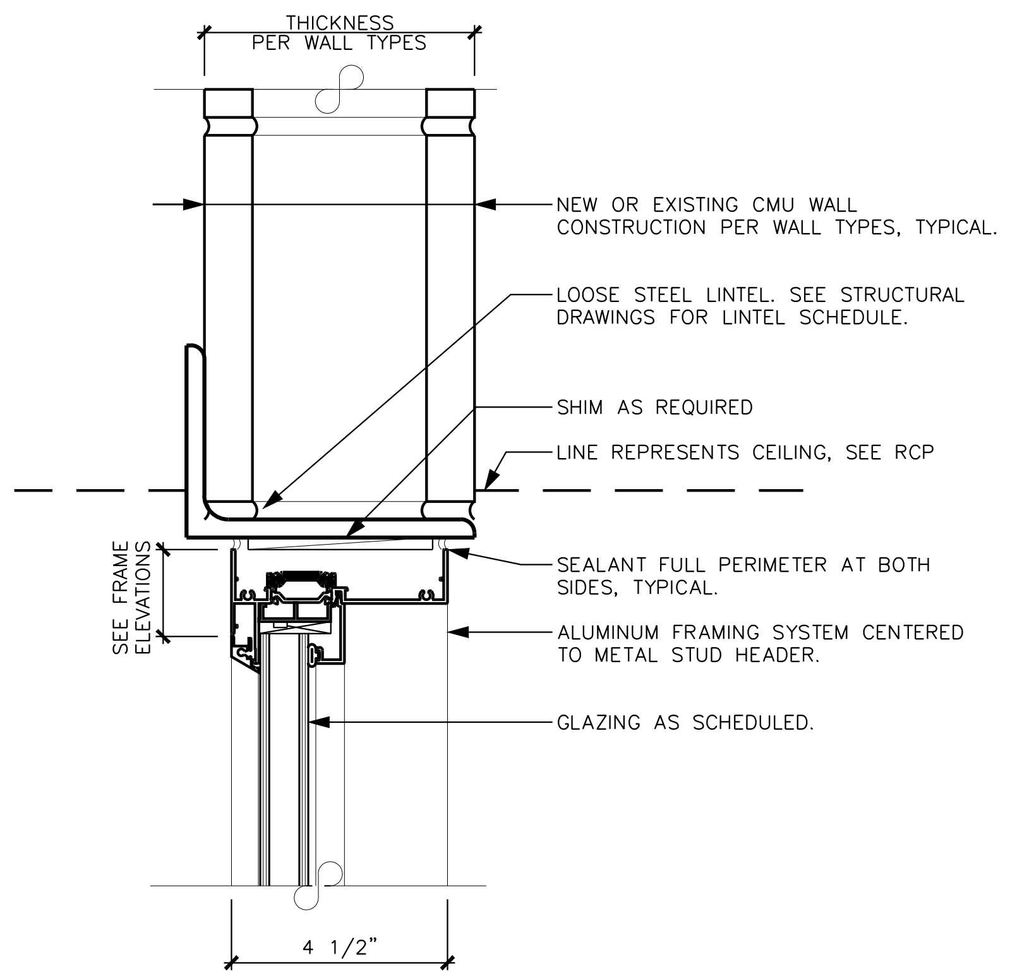
APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Drawing Number:
GP 703

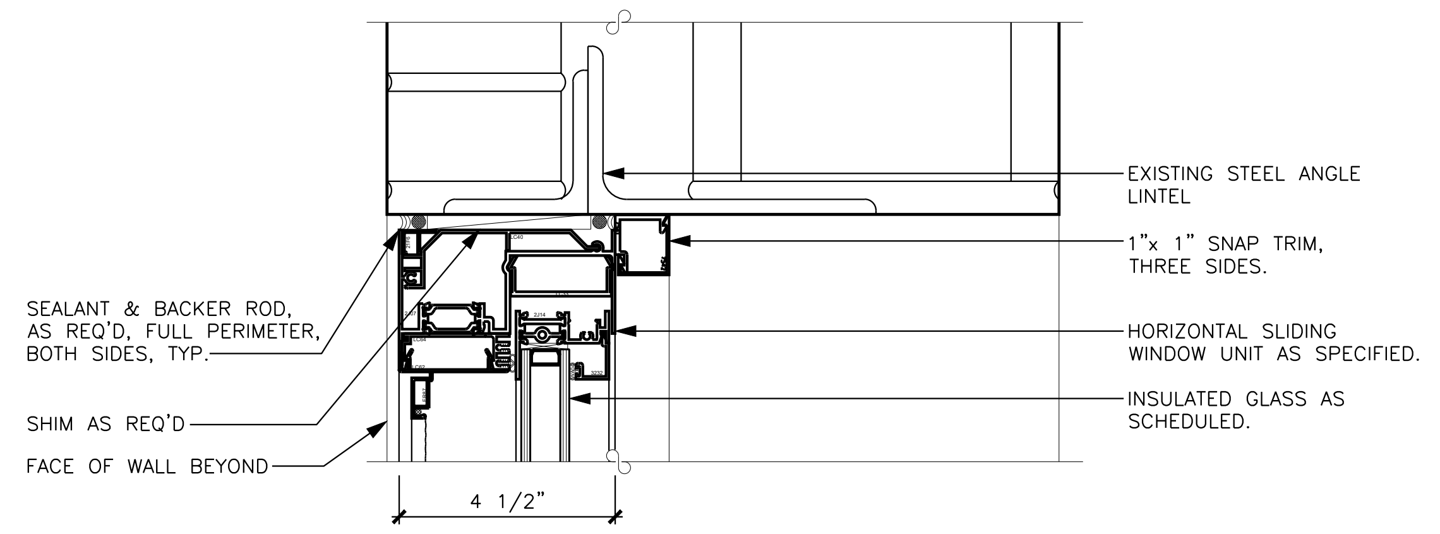
2/4/2021 4:15:09 PM


THICKNESS PER WALL TYPES
NEW OR EXISTING CMU WALL CONSTRUCTION WITH FURRING PER WALL TYPES, TYPICAL.
LOOSE STEEL LINTEL. SEE STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE.
SHIM AS REQUIRED
LINE REPRESENTS CEILING, SEE RCP
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL.
SEE FRAME ELEVATIONS
ALUMINUM FRAMING SYSTEM CENTERED TO METAL STUD HEADER.
GLAZING AS SCHEDULED.
4 1/2"

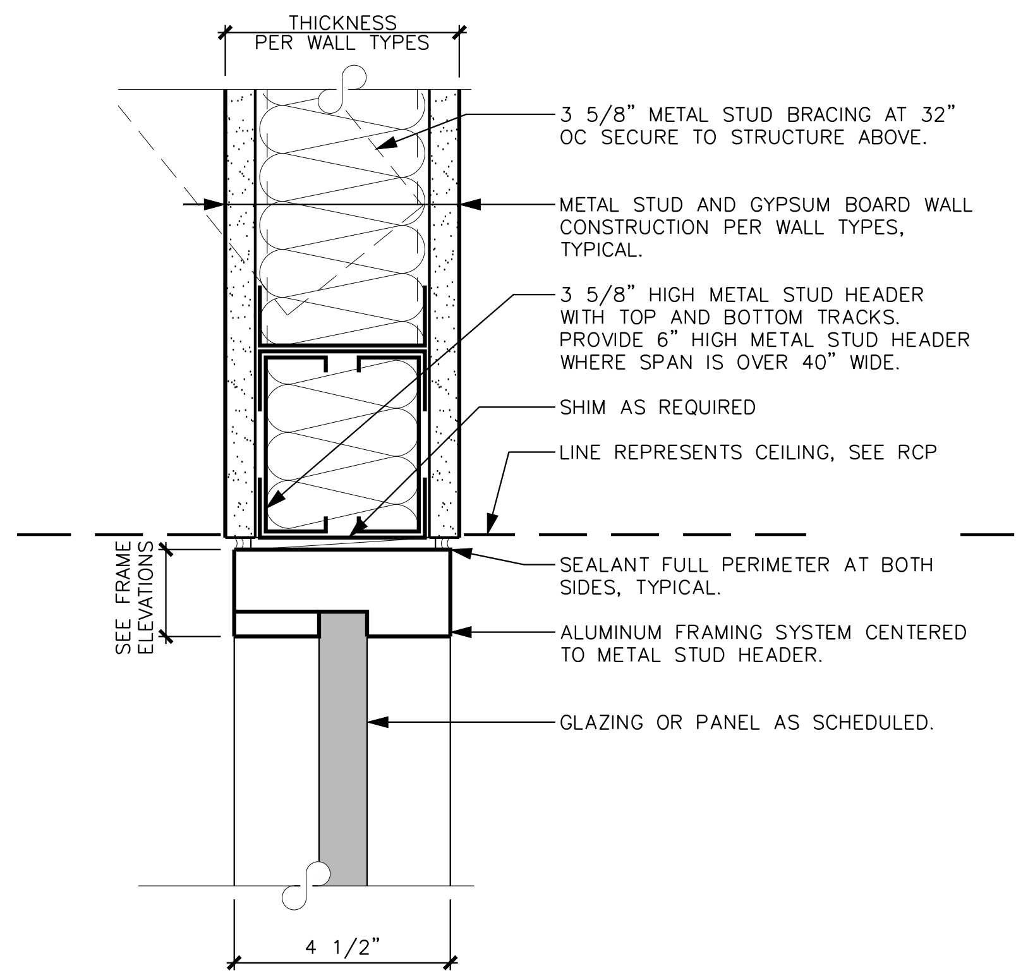
17 HEAD DETAIL
SCALE : 3"=1'-0"


THICKNESS PER WALL TYPES
NEW OR EXISTING CMU WALL CONSTRUCTION PER WALL TYPES, TYPICAL.
LOOSE STEEL LINTEL. SEE STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE.
SHIM AS REQUIRED
LINE REPRESENTS CEILING, SEE RCP
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL.
SEE FRAME ELEVATIONS
ALUMINUM FRAMING SYSTEM CENTERED TO METAL STUD HEADER.
GLAZING AS SCHEDULED.
4 1/2"

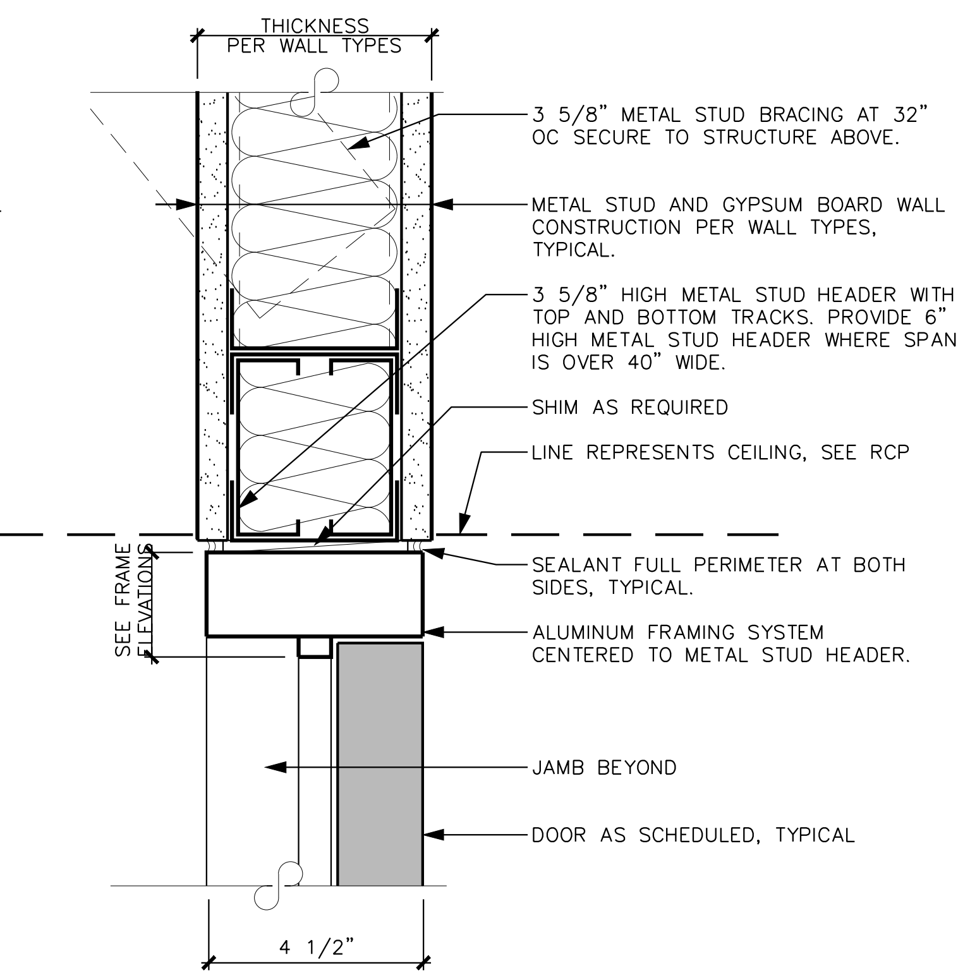
14 HEAD DETAIL
SCALE : 3"=1'-0"


EXISTING STEEL ANGLE LINTEL
1"x 1" SNAP TRIM, THREE SIDES.
SEALANT & BACKER ROD, AS REQ'D, FULL PERIMETER, BOTH SIDES, TYP.
HORIZONTAL SLIDING WINDOW UNIT AS SPECIFIED.
SHIM AS REQ'D
INSULATED GLASS AS SCHEDULED.
FACE OF WALL BEYOND
4 1/2"

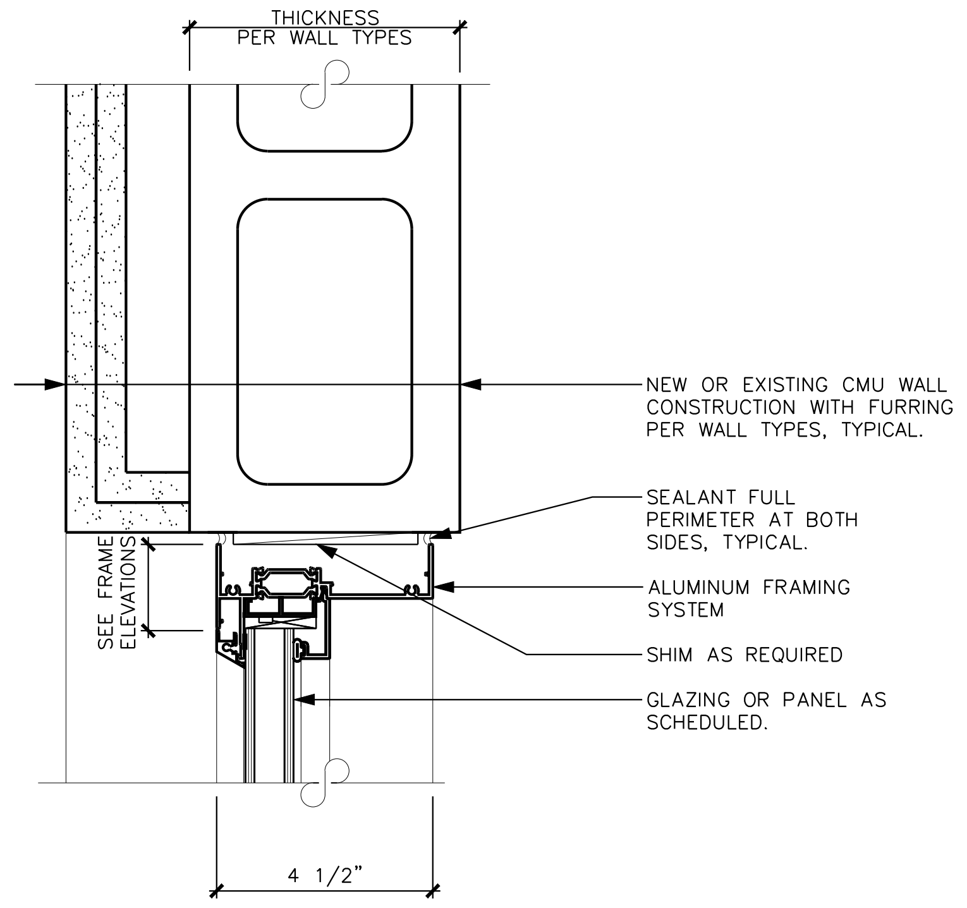
10 HEAD DETAIL
SCALE : 3"=1'-0"


THICKNESS PER WALL TYPES
3 5/8" METAL STUD BRACING AT 32" OC SECURE TO STRUCTURE ABOVE.
METAL STUD AND GYPSUM BOARD WALL CONSTRUCTION PER WALL TYPES, TYPICAL.
3 5/8" HIGH METAL STUD HEADER WITH TOP AND BOTTOM TRACKS. PROVIDE 6" HIGH METAL STUD HEADER WHERE SPAN IS OVER 40" WIDE.
SHIM AS REQUIRED
LINE REPRESENTS CEILING, SEE RCP
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL.
SEE FRAME ELEVATIONS
ALUMINUM FRAMING SYSTEM CENTERED TO METAL STUD HEADER.
GLAZING OR PANEL AS SCHEDULED.
4 1/2"

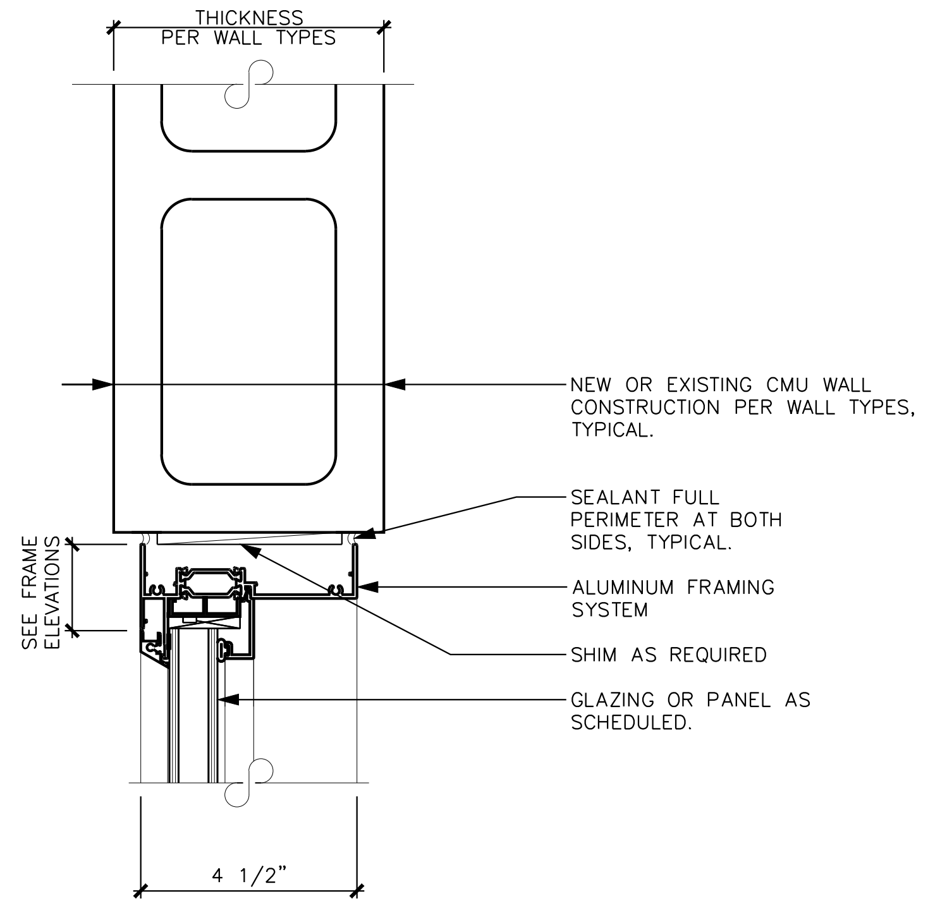
5 HEAD DETAIL
SCALE : 3"=1'-0"


THICKNESS PER WALL TYPES
3 5/8" METAL STUD BRACING AT 32" OC SECURE TO STRUCTURE ABOVE.
METAL STUD AND GYPSUM BOARD WALL CONSTRUCTION PER WALL TYPES, TYPICAL.
3 5/8" HIGH METAL STUD HEADER WITH TOP AND BOTTOM TRACKS. PROVIDE 6" HIGH METAL STUD HEADER WHERE SPAN IS OVER 40" WIDE.
SHIM AS REQUIRED
LINE REPRESENTS CEILING, SEE RCP
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL.
SEE FRAME ELEVATIONS
ALUMINUM FRAMING SYSTEM CENTERED TO METAL STUD HEADER.
JAMB BEYOND
DOOR AS SCHEDULED, TYPICAL
4 1/2"

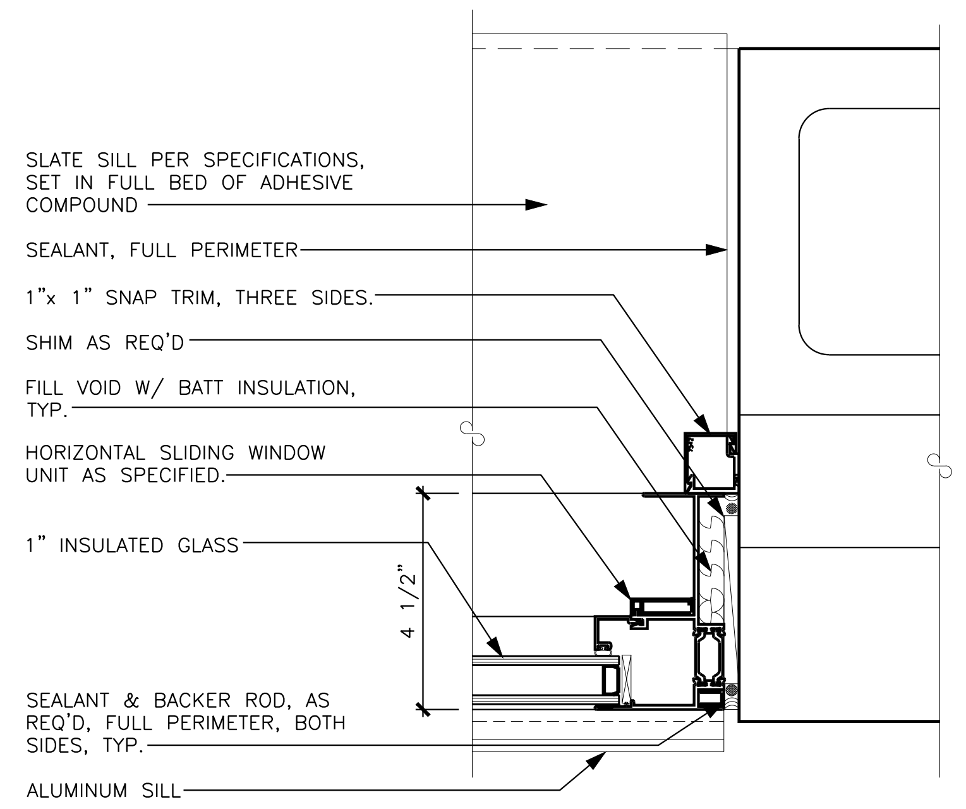
1 HEAD DETAIL
SCALE : 3"=1'-0"


THICKNESS PER WALL TYPES
NEW OR EXISTING CMU WALL CONSTRUCTION WITH FURRING PER WALL TYPES, TYPICAL.
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL.
SEE FRAME ELEVATIONS
ALUMINUM FRAMING SYSTEM
SHIM AS REQUIRED
GLAZING OR PANEL AS SCHEDULED.
4 1/2"

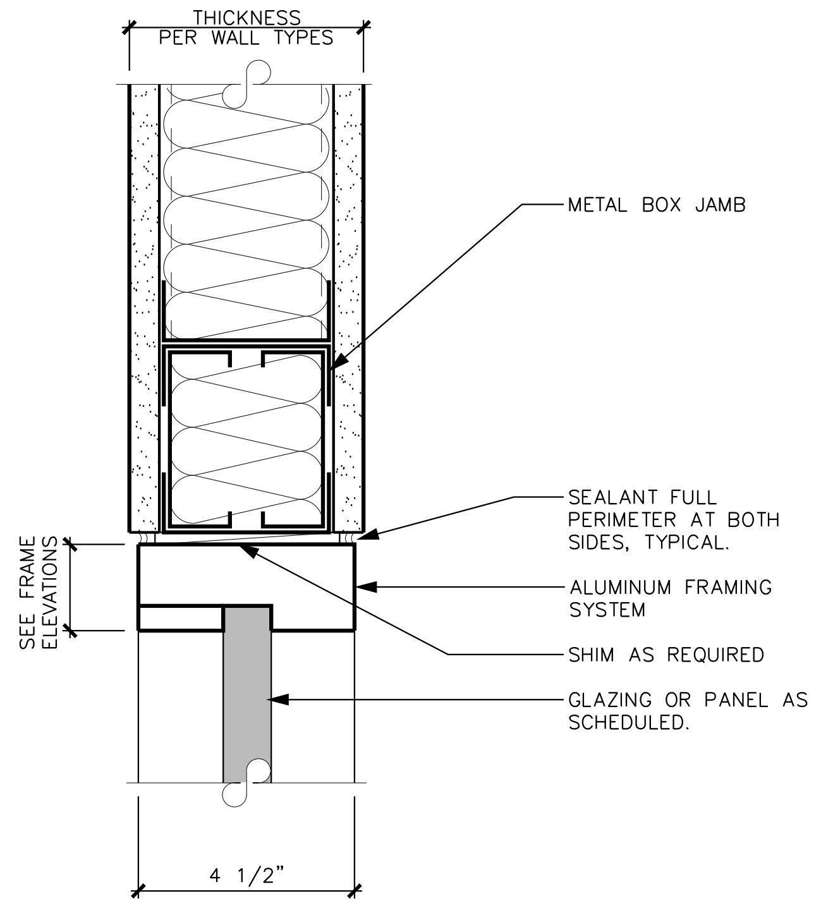
18 JAMB DETAIL
SCALE : 3"=1'-0"


THICKNESS PER WALL TYPES
NEW OR EXISTING CMU WALL CONSTRUCTION PER WALL TYPES, TYPICAL.
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL.
SEE FRAME ELEVATIONS
ALUMINUM FRAMING SYSTEM
SHIM AS REQUIRED
GLAZING OR PANEL AS SCHEDULED.
4 1/2"

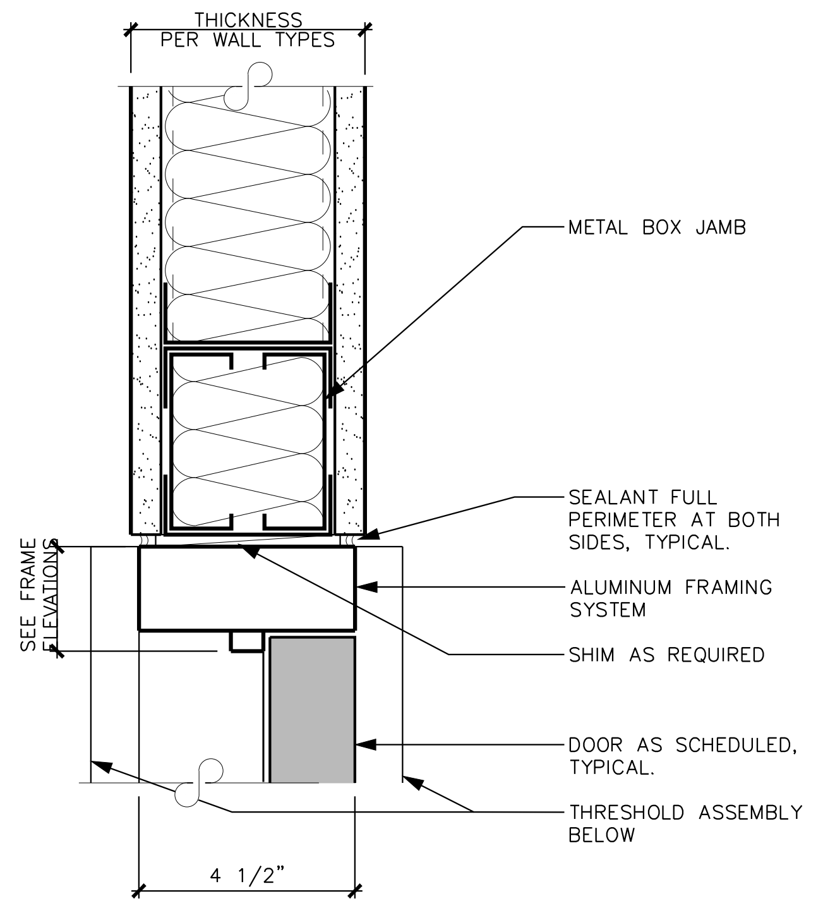
15 JAMB DETAIL
SCALE : 3"=1'-0"


SLATE SILL PER SPECIFICATIONS, SET IN FULL BED OF ADHESIVE COMPOUND
SEALANT, FULL PERIMETER
1"x 1" SNAP TRIM, THREE SIDES.
SHIM AS REQ'D
FILL VOID W/ BATT INSULATION, TYP.
HORIZONTAL SLIDING WINDOW UNIT AS SPECIFIED.
1" INSULATED GLASS
4 1/2"
SEALANT & BACKER ROD, AS REQ'D, FULL PERIMETER, BOTH SIDES, TYP.
ALUMINUM SILL

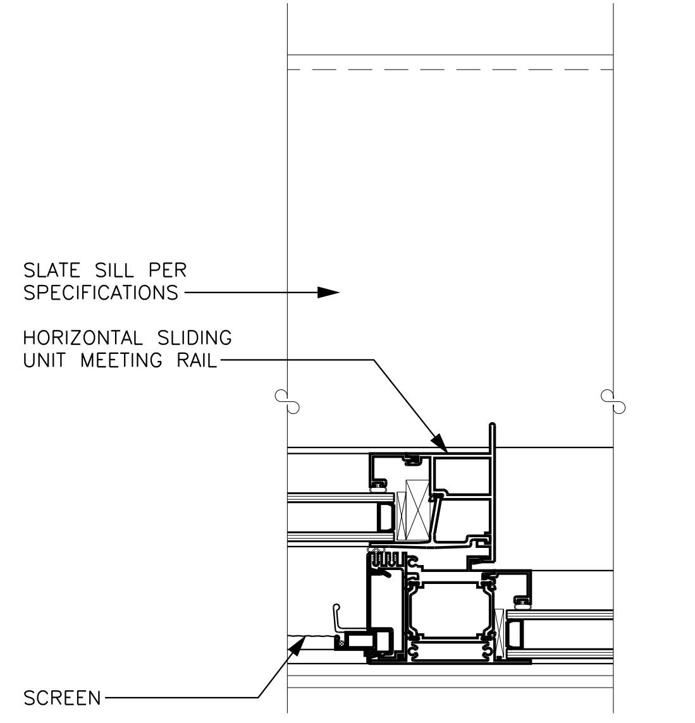
11 JAMB DETAIL
SCALE : 3"=1'-0"



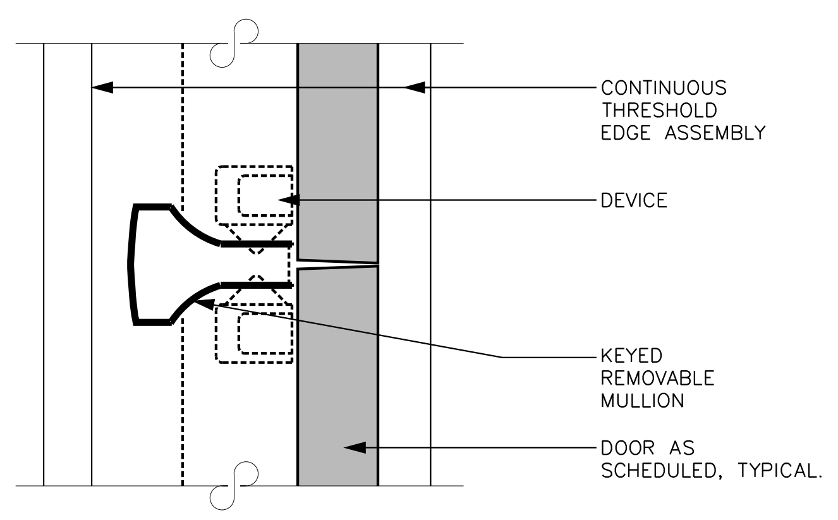
6 JAMB DETAIL
SCALE : 3"=1'-0"



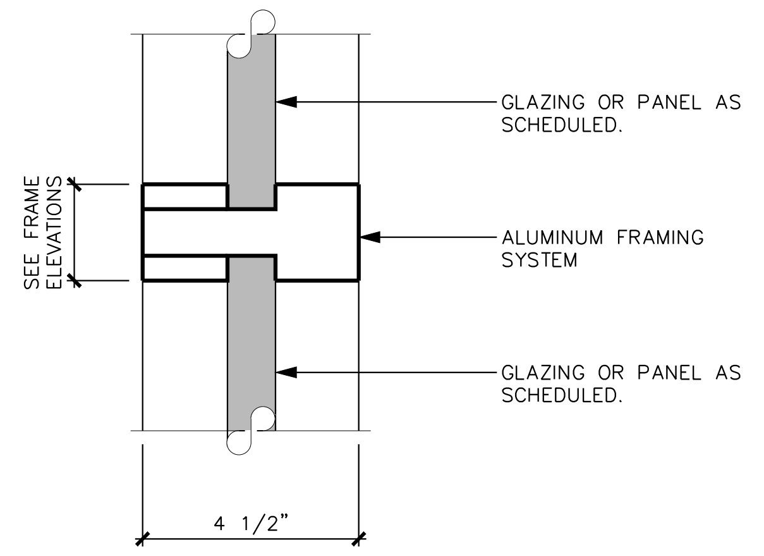
2 JAMB DETAIL
SCALE : 3"=1'-0"


SLATE SILL PER SPECIFICATIONS
HORIZONTAL SLIDING UNIT MEETING RAIL
SCREEN

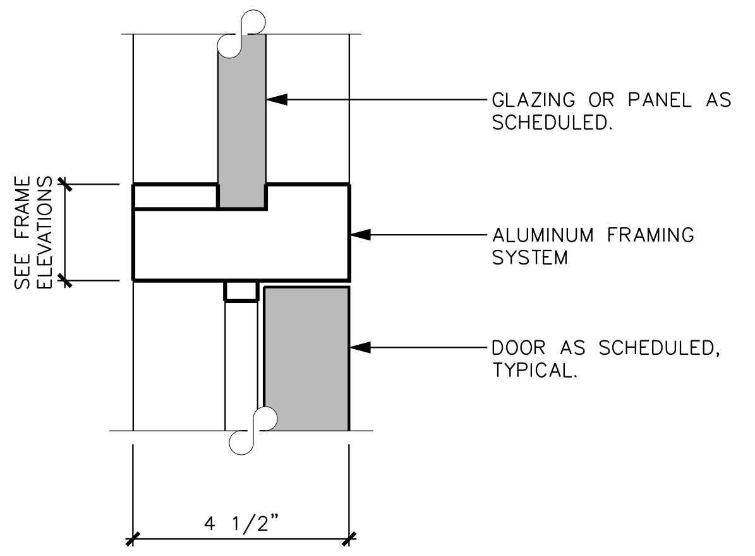
12 INTERMEDIATE DETAIL
SCALE : 3"=1'-0"


CONTINUOUS THRESHOLD EDGE ASSEMBLY
DEVICE
KEYED REMOVABLE MULLION
DOOR AS SCHEDULED, TYPICAL.

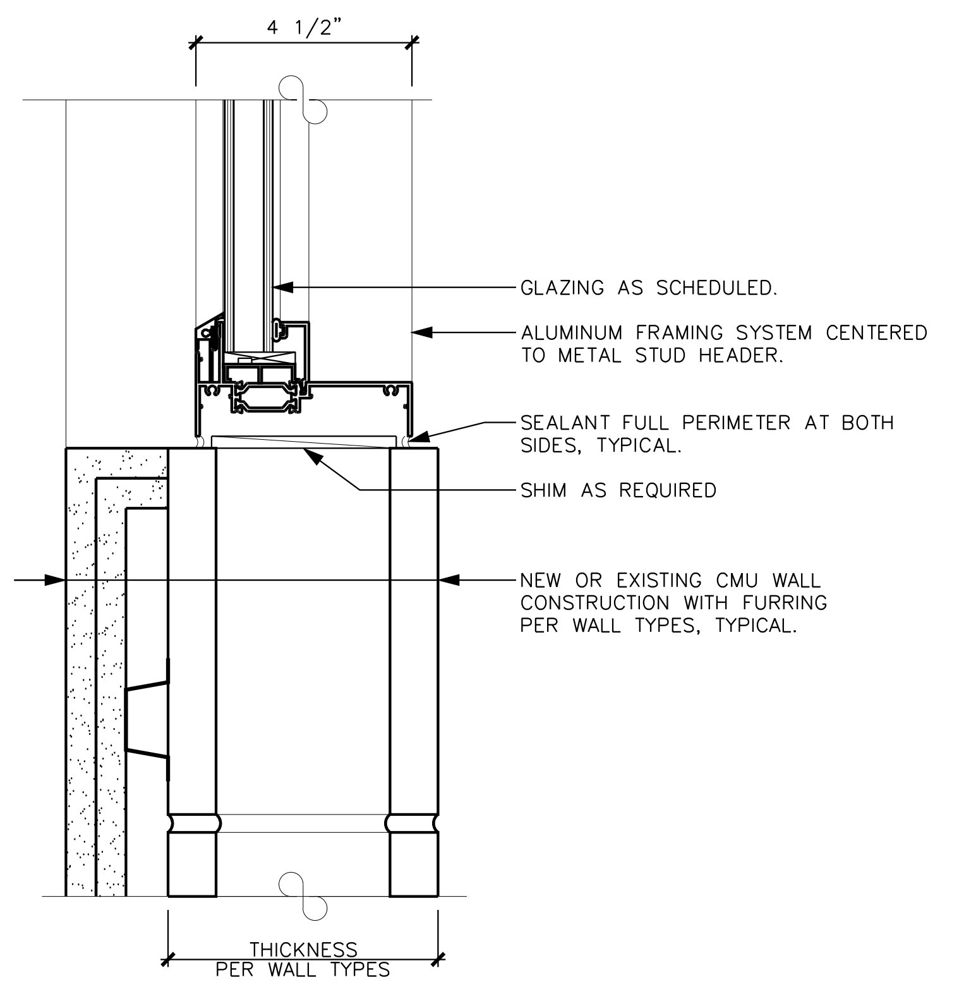
9 INTERMEDIATE DETAIL
SCALE : 3"=1'-0"


GLAZING OR PANEL AS SCHEDULED.
SEE FRAME ELEVATIONS
ALUMINUM FRAMING SYSTEM
GLAZING OR PANEL AS SCHEDULED.
4 1/2"

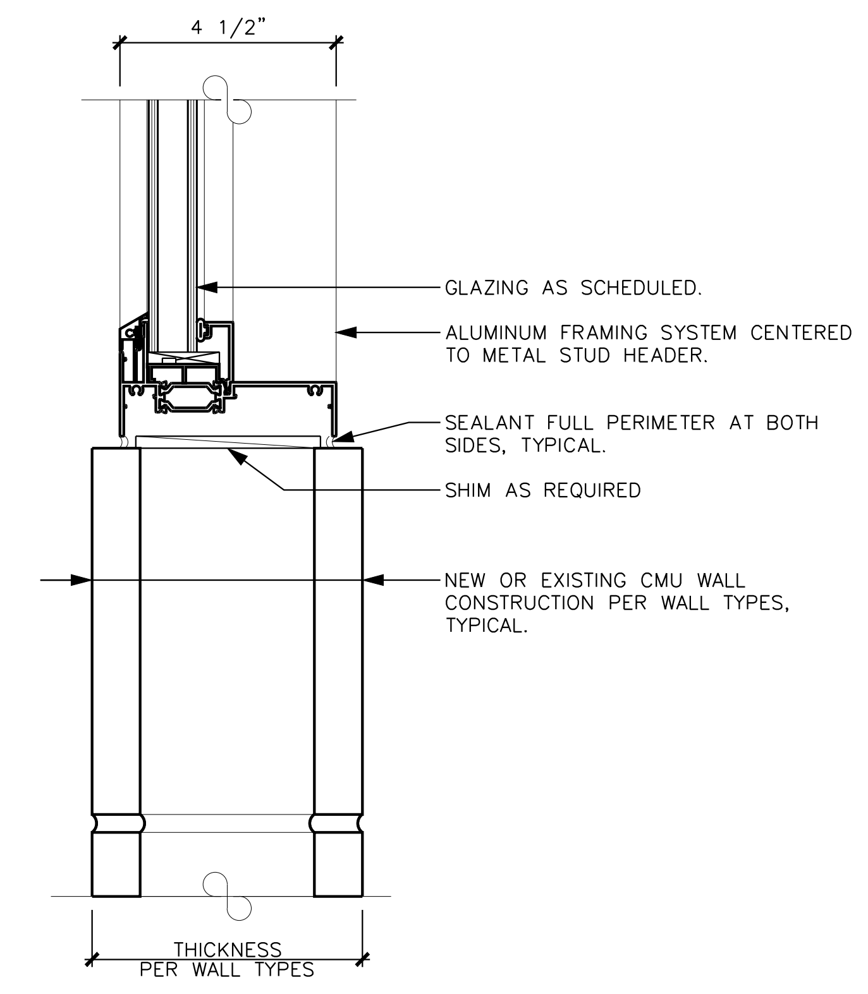
7 INTERMEDIATE DETAIL
SCALE : 3"=1'-0"



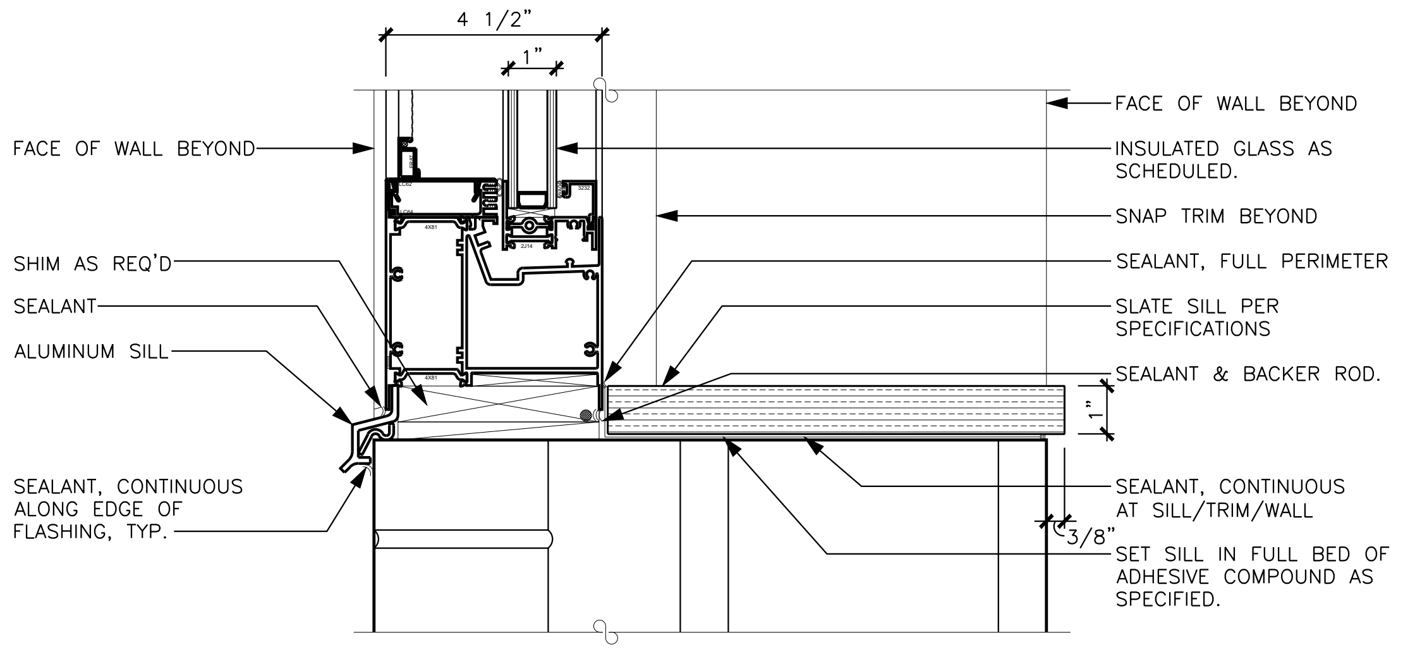
3 INTERMEDIATE DETAIL
SCALE : 3"=1'-0"


4 1/2"
GLAZING AS SCHEDULED.
ALUMINUM FRAMING SYSTEM CENTERED TO METAL STUD HEADER.
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL.
SHIM AS REQUIRED
NEW OR EXISTING CMU WALL CONSTRUCTION WITH FURRING PER WALL TYPES, TYPICAL.
THICKNESS PER WALL TYPES

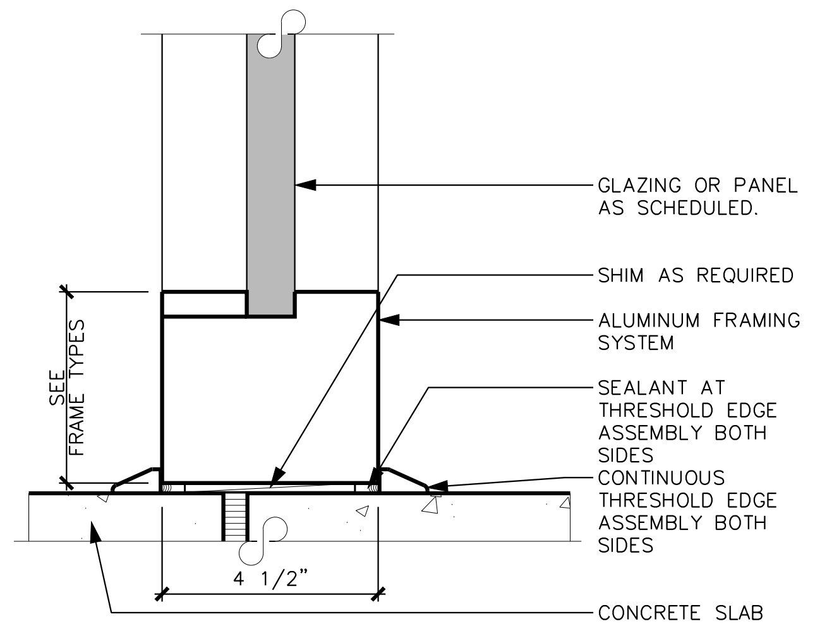
19 SILL DETAIL
SCALE : 3"=1'-0"


4 1/2"
GLAZING AS SCHEDULED.
ALUMINUM FRAMING SYSTEM CENTERED TO METAL STUD HEADER.
SEALANT FULL PERIMETER AT BOTH SIDES, TYPICAL.
SHIM AS REQUIRED
NEW OR EXISTING CMU WALL CONSTRUCTION PER WALL TYPES, TYPICAL.
THICKNESS PER WALL TYPES

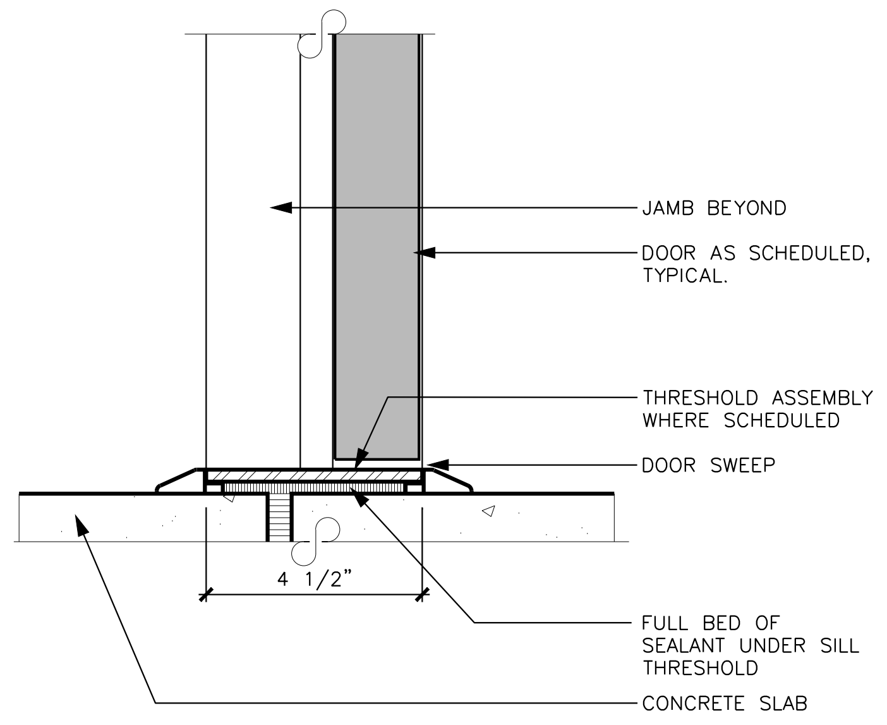
16 SILL DETAIL
SCALE : 3"=1'-0"


4 1/2"
1"
FACE OF WALL BEYOND
SHIM AS REQ'D
SEALANT
ALUMINUM SILL
SEALANT, CONTINUOUS ALONG EDGE OF FLASHING, TYP.
FACE OF WALL BEYOND
INSULATED GLASS AS SCHEDULED.
SNAP TRIM BEYOND
SEALANT, FULL PERIMETER
SLATE SILL PER SPECIFICATIONS
SEALANT & BACKER ROD.
1"
SEALANT, CONTINUOUS AT SILL/TRIM/WALL
3/8"
SET SILL IN FULL BED OF ADHESIVE COMPOUND AS SPECIFIED.

13 SILL DETAIL
SCALE : 3"=1'-0"


GLAZING OR PANEL AS SCHEDULED.
SHIM AS REQUIRED
ALUMINUM FRAMING SYSTEM
SEE FRAME TYPES
SEALANT AT THRESHOLD EDGE ASSEMBLY BOTH SIDES
CONTINUOUS THRESHOLD EDGE ASSEMBLY BOTH SIDES
4 1/2"
CONCRETE SLAB

8 SILL DETAIL
SCALE : 3"=1'-0"


JAMB BEYOND
DOOR AS SCHEDULED, TYPICAL.
THRESHOLD ASSEMBLY WHERE SCHEDULED
DOOR SWEEP
4 1/2"
FULL BED OF SEALANT UNDER SILL THRESHOLD
CONCRETE SLAB

4 SILL DETAIL
SCALE : 3"=1'-0"

MOSAIC
ASSOCIATES
Mosaic Associates Architects
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

Consultant

Seal

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

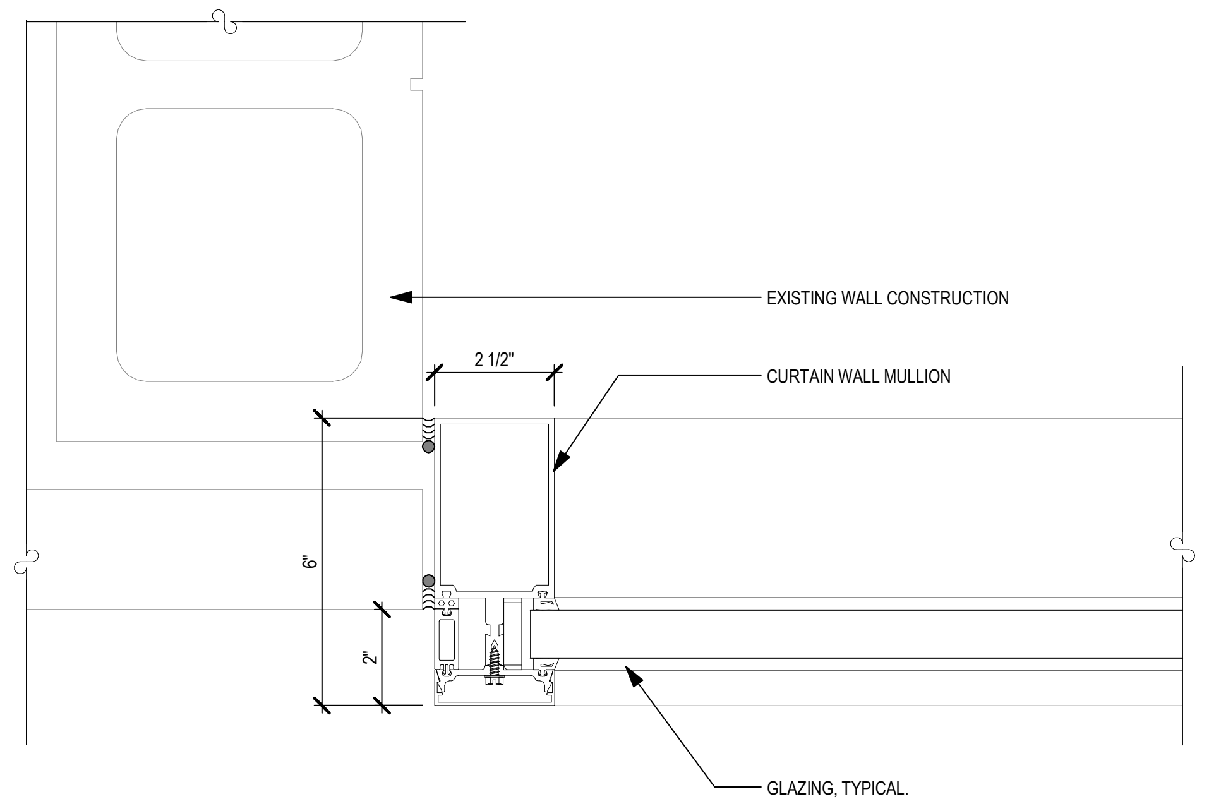
Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
FRAME DETAILS

PEEKSKILL HIGH SCHOOL

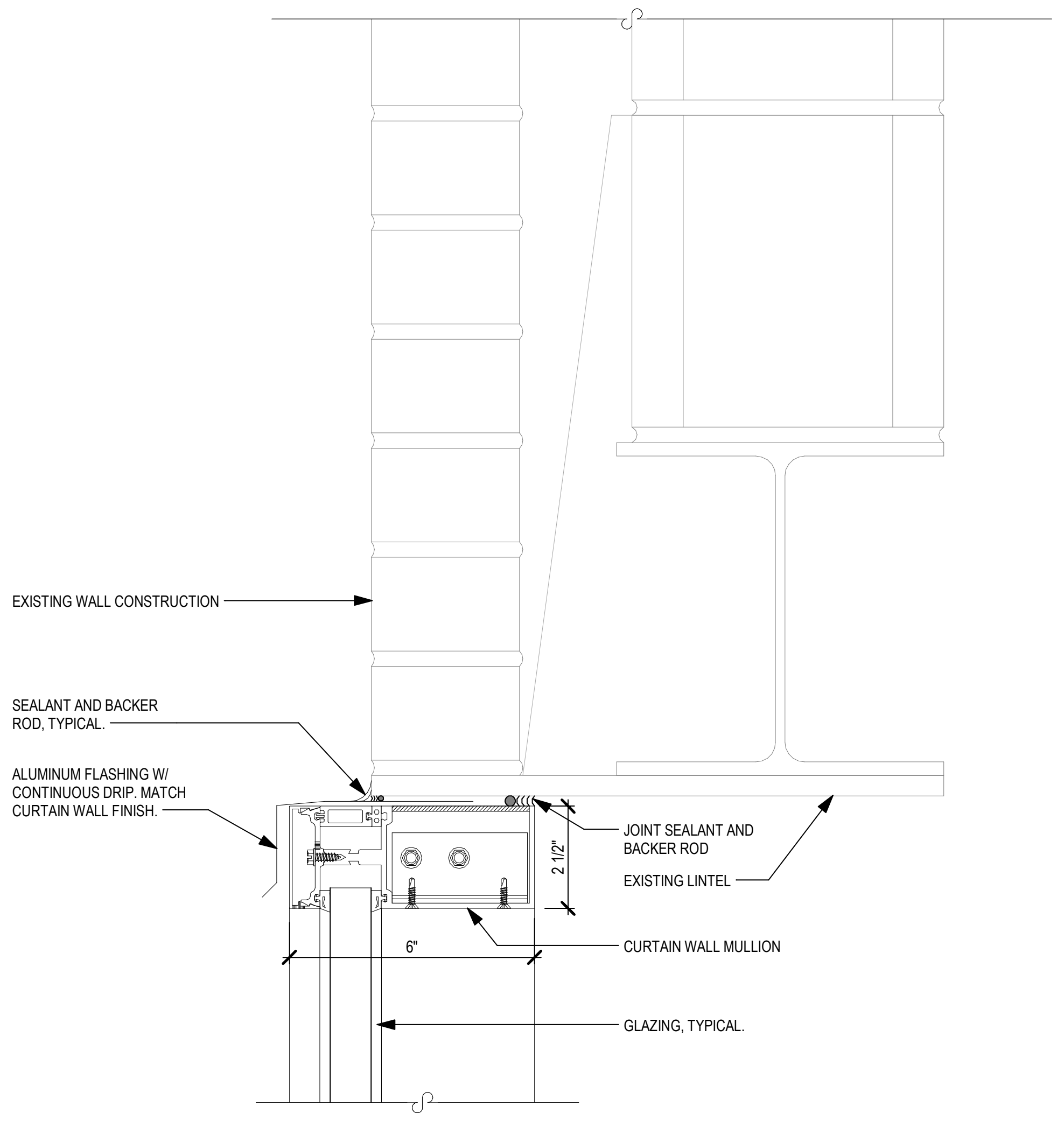
APN : 1901.2
Date : 10/02/2020
Drawn by : MR

Drawing Number :
GP 704



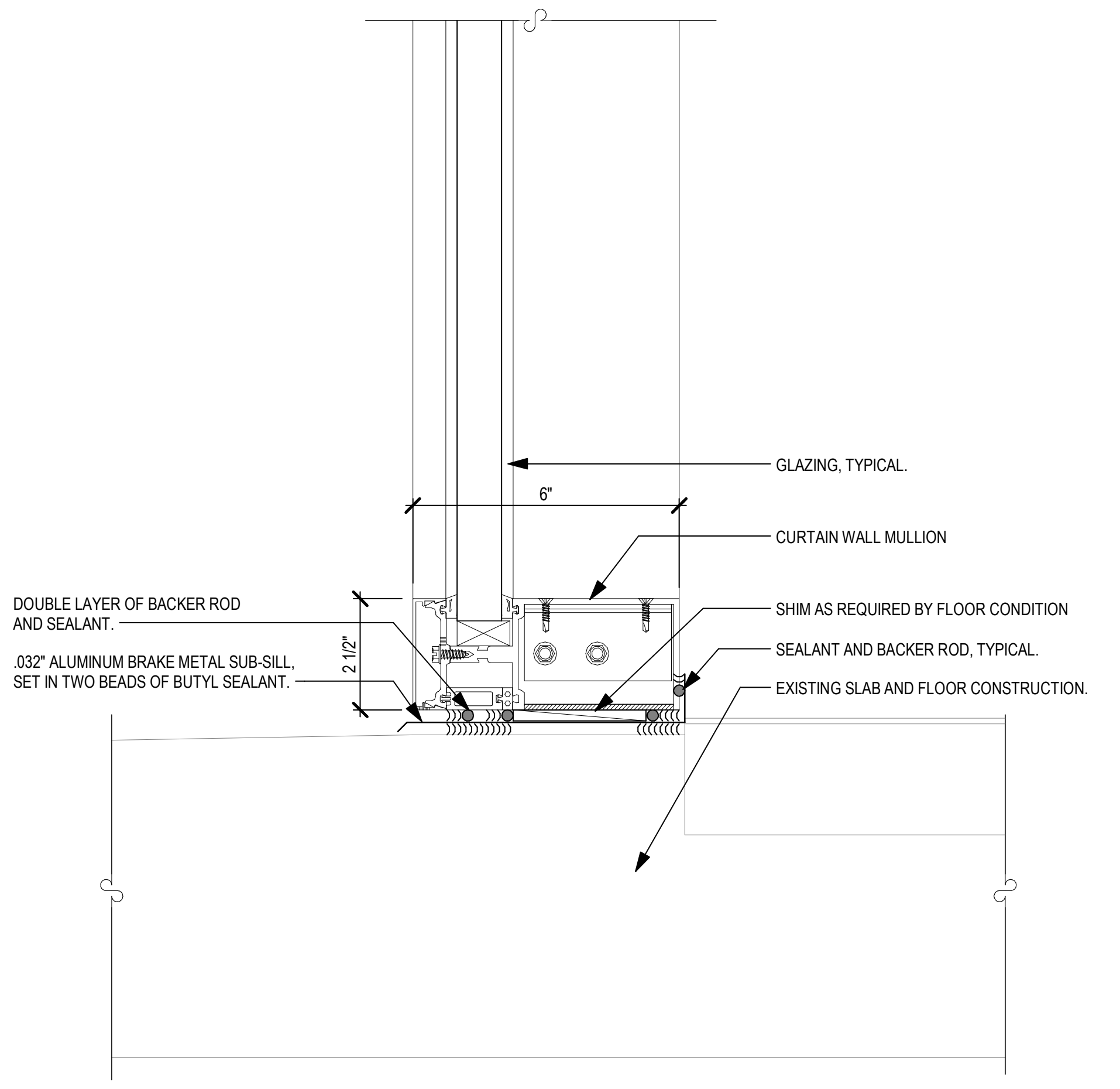
① STAIRWAY CURTAIN WALL JAMB DETAIL

SCALE: 3" = 1'-0"


EXISTING WALL CONSTRUCTION
SEALANT AND BACKER ROD, TYPICAL.
ALUMINUM FLASHING W/ CONTINUOUS DRIP. MATCH CURTAIN WALL FINISH.
JOINT SEALANT AND BACKER ROD
2 1/2"
EXISTING LINTEL
6"
CURTAIN WALL MULLION
GLAZING, TYPICAL.

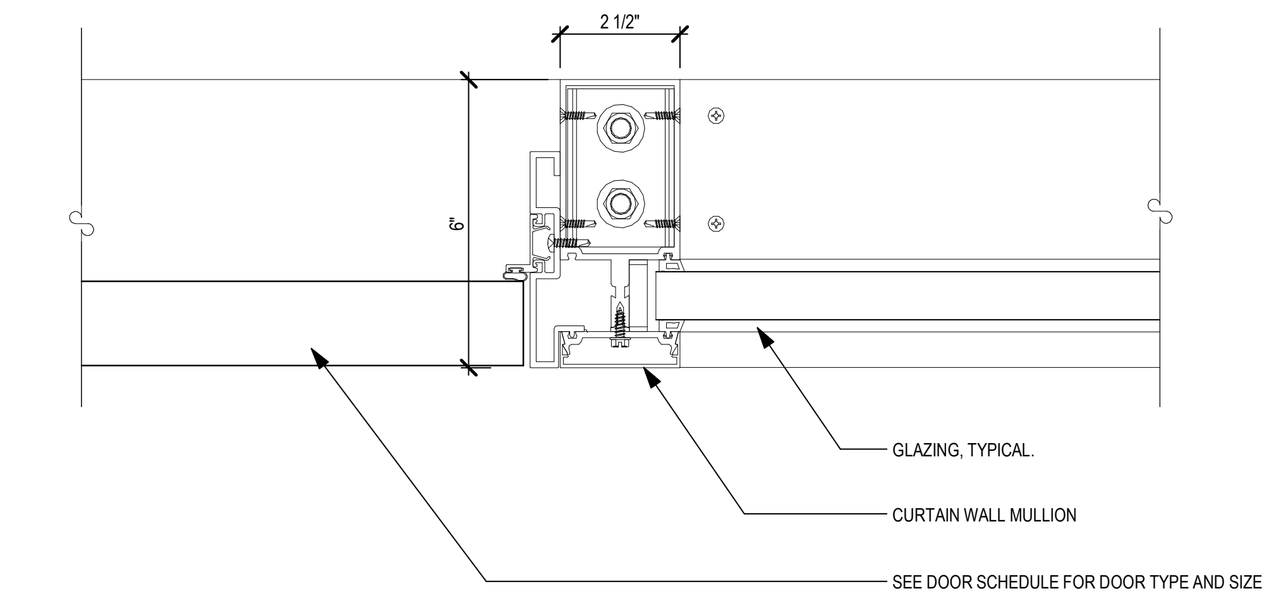
④ STAIRWAY CURTAIN WALL HEAD DETAIL

SCALE: 3" = 1'-0"


GLAZING, TYPICAL.
6"
CURTAIN WALL MULLION
DOUBLE LAYER OF BACKER ROD AND SEALANT.
2 1/2"
.032" ALUMINUM BRAKE METAL SUB-SILL, SET IN TWO BEADS OF BUTYL SEALANT.
SHIM AS REQUIRED BY FLOOR CONDITION
SEALANT AND BACKER ROD, TYPICAL.
EXISTING SLAB AND FLOOR CONSTRUCTION.

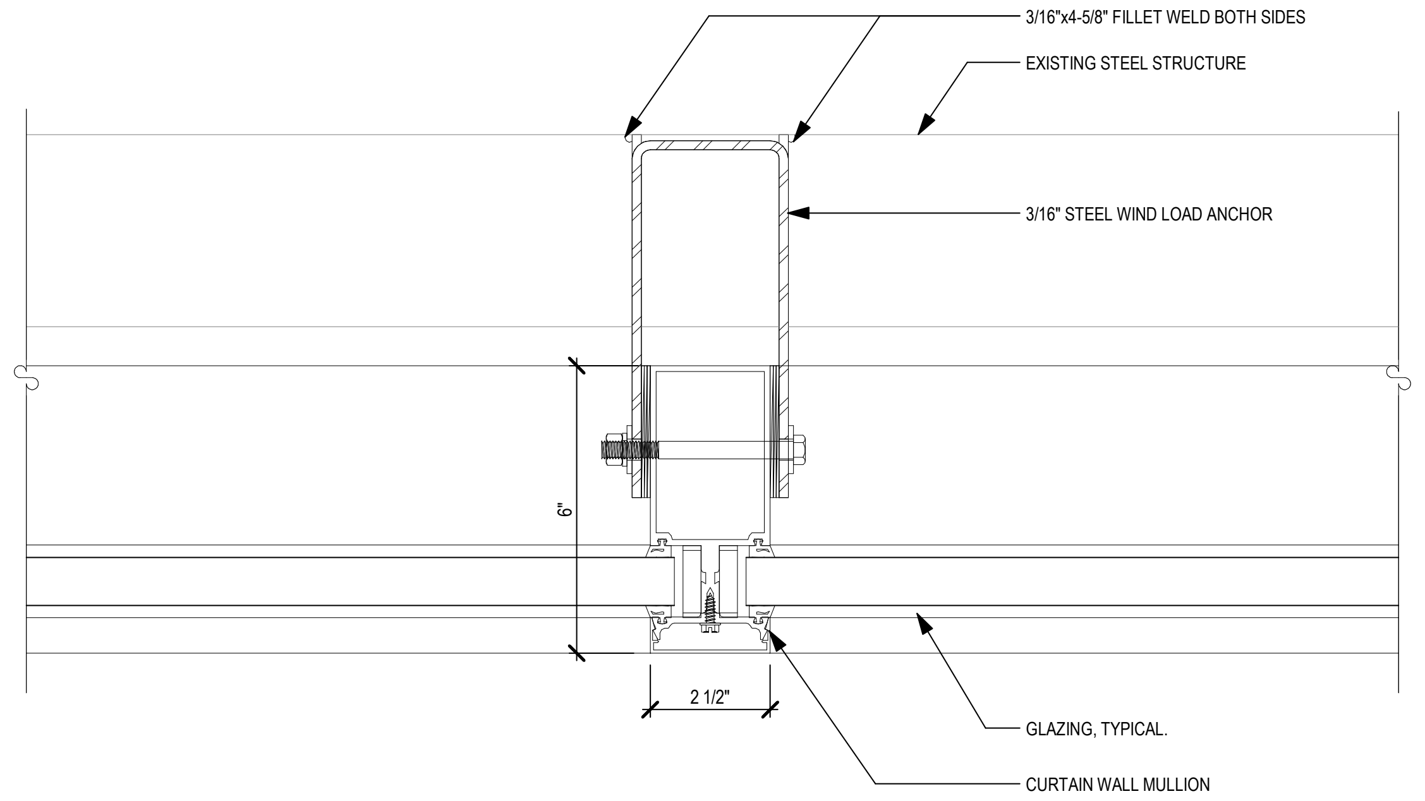
⑦ CURTAIN WALL SILL DETAIL

SCALE: 3" = 1'-0"



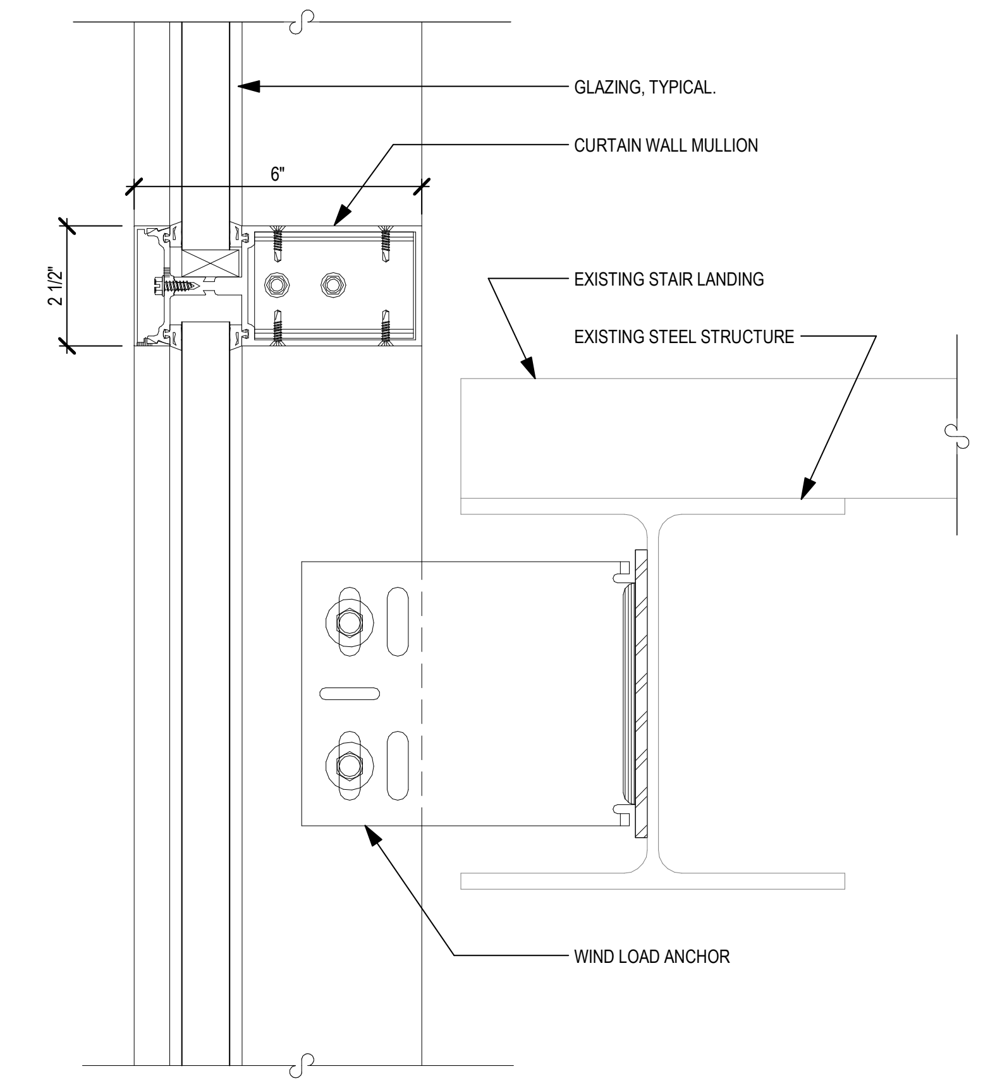
⑩ INTERMEDIATE DOOR JAMB DETAIL

SCALE: 3" = 1'-0"



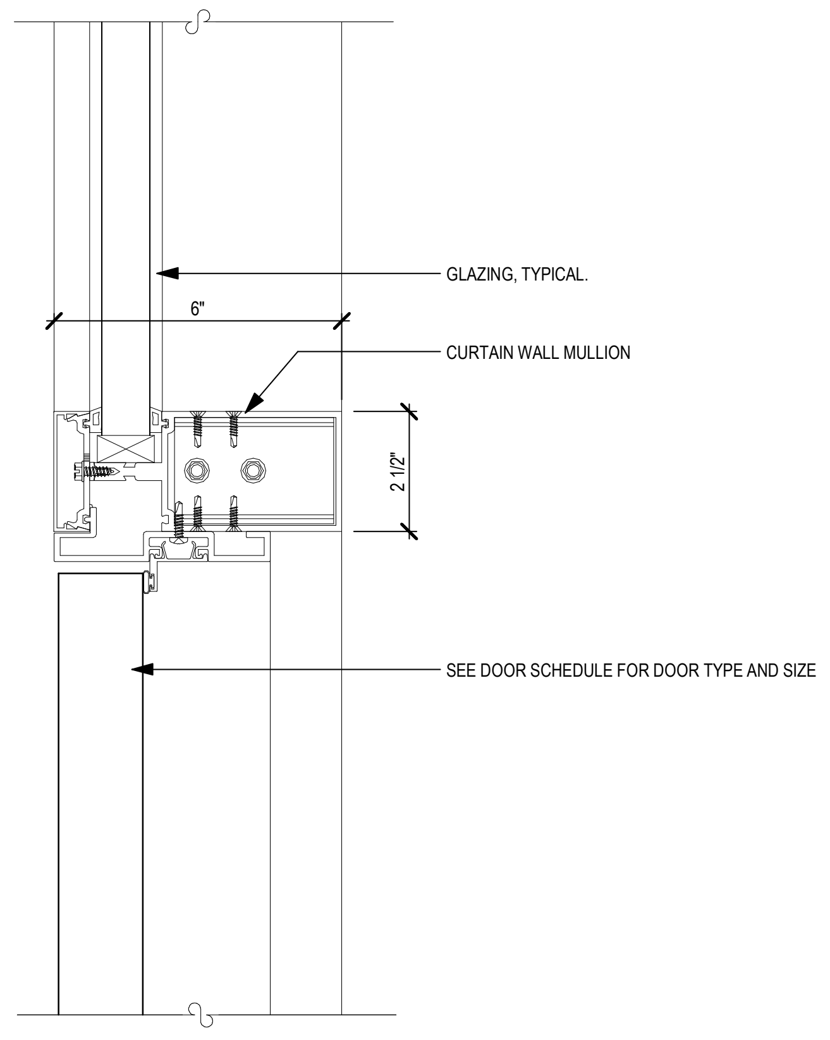
② STAIRWAY CURTAIN WALL WIND LOAD ANCHOR DETAIL

SCALE: 3" = 1'-0"



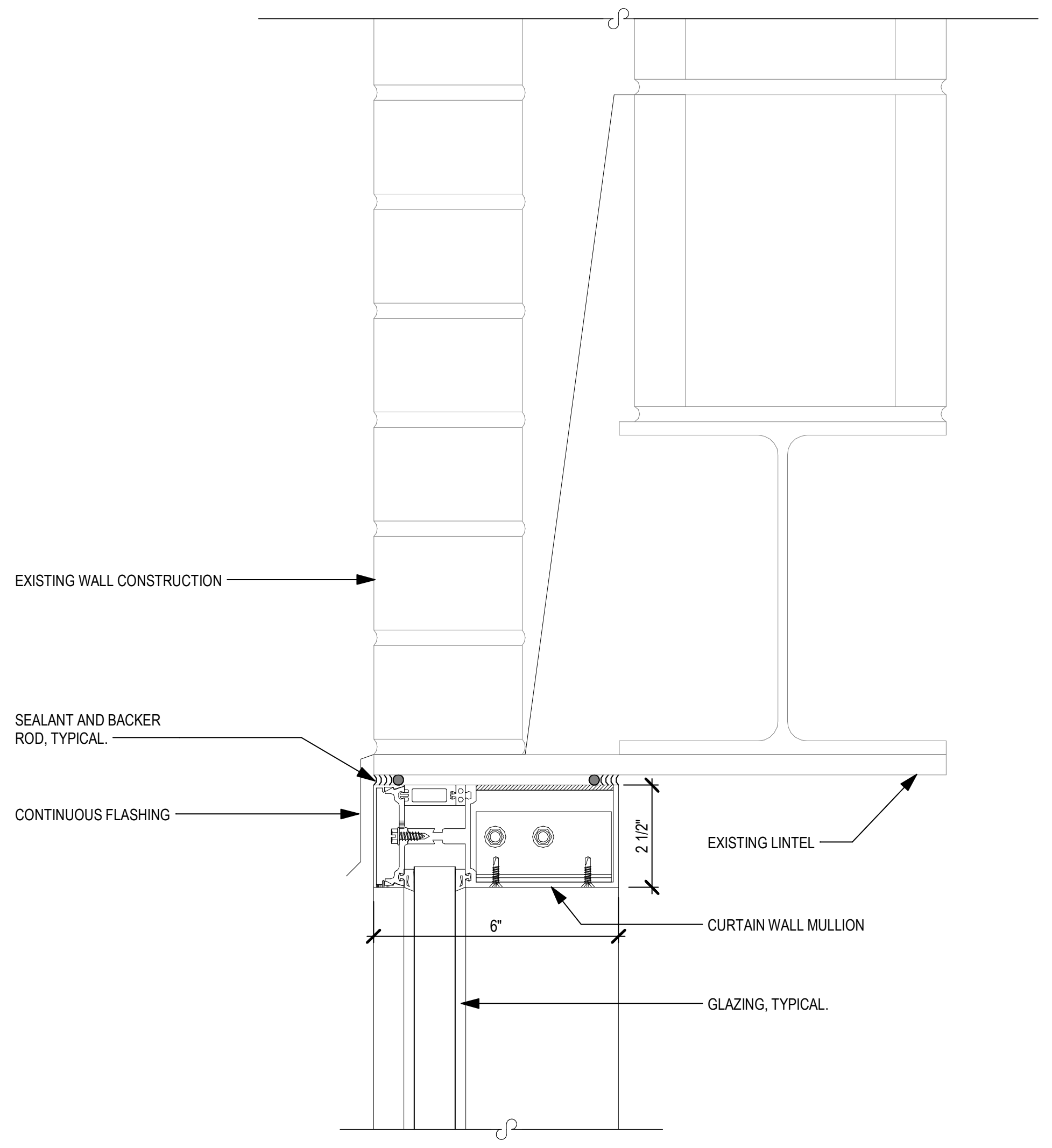
⑤ STAIRWAY CURTAIN WALL WIND LOAD ANCH0R DETAIL

SCALE: 3" = 1'-0"



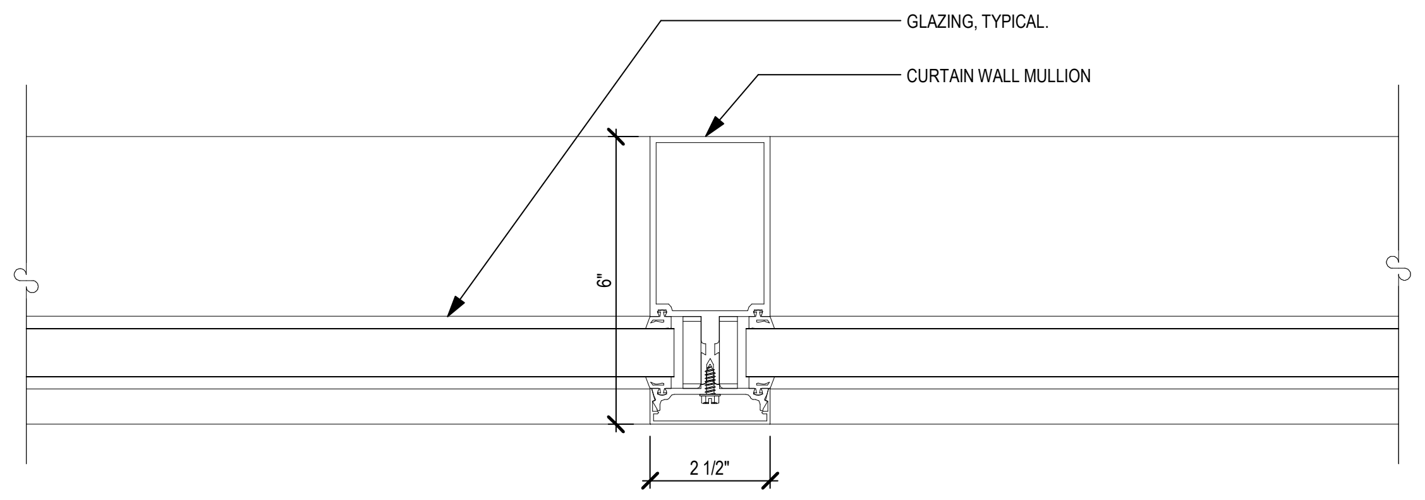
⑧ DOOR HEAD DETAIL

SCALE: 3" = 1'-0"



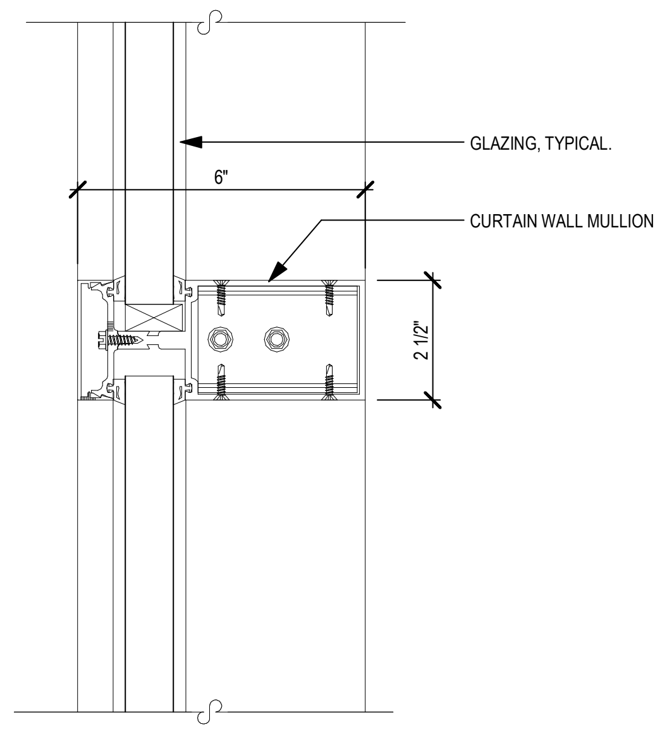
⑪ MIXER CURTAIN WALL HEAD DETAIL

SCALE: 3" = 1'-0"



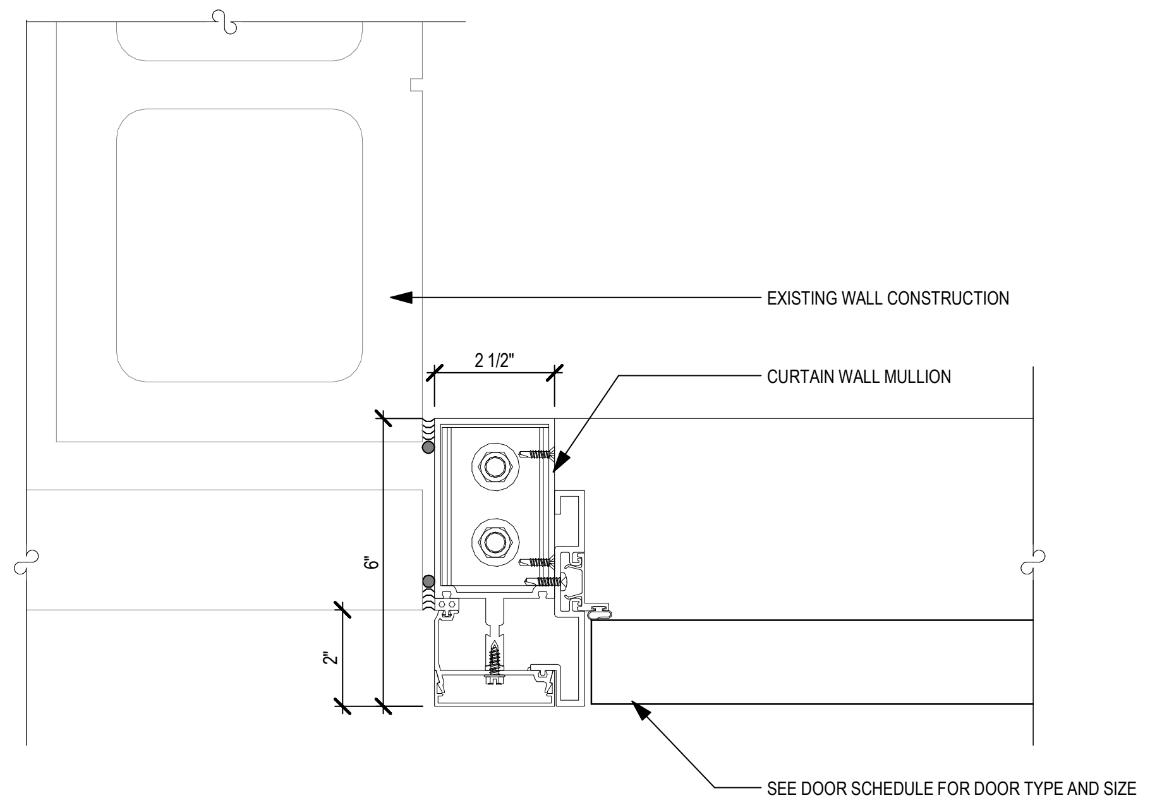
③ INTERMEDIATE VERTICAL MULLION DETAIL

SCALE: 3" = 1'-0"



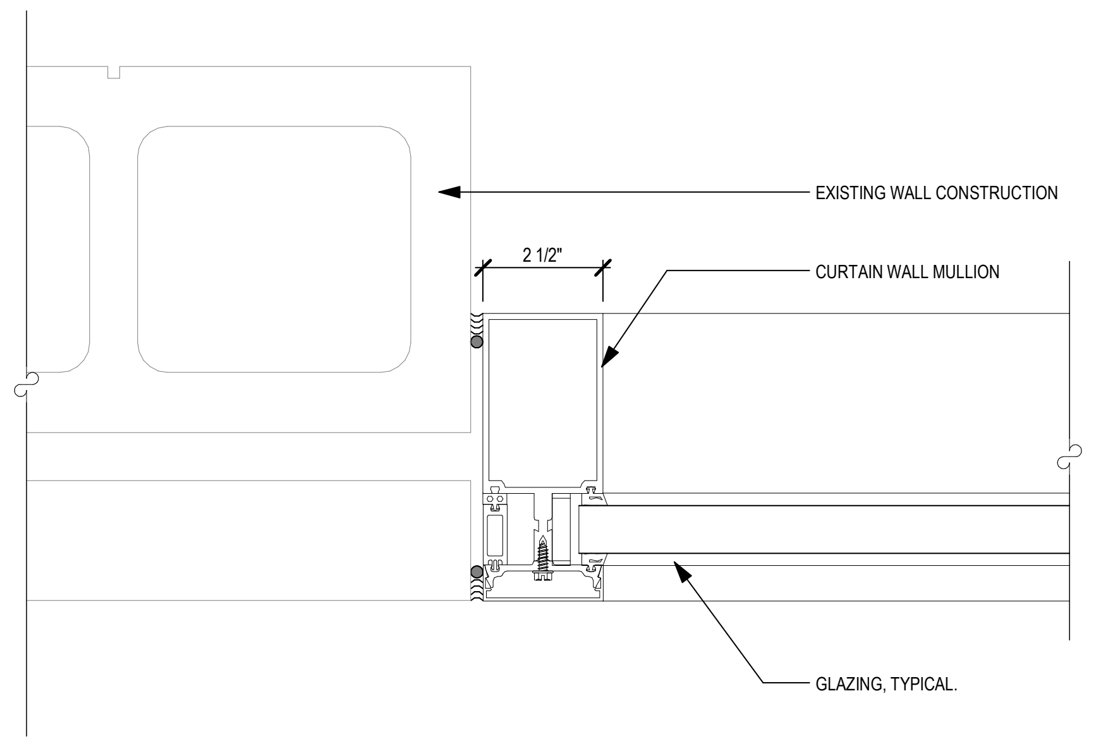
⑥ INTERMEDIATE HORIZONTAL MULLION DETAIL

SCALE: 3" = 1'-0"


EXISTING WALL CONSTRUCTION
2 1/2"
CURTAIN WALL MULLION
6"
2"
SEE DOOR SCHEDULE FOR DOOR TYPE AND SIZE

⑨ STAIRWAY CURTAIN WALL DOOR JAMB DETAIL AT EXISTING WALL

SCALE: 3" = 1'-0"



⑫ MIXER CURTAIN WALL JAMB DETAIL

SCALE: 3" = 1'-0"

2/4/2021 4:12:11 PM

SED NUMBERS: ■ PEEKSKILL HIGH SCHOOL: 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY: 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY: 66-15-00-01-0-007-015
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MOSAIC ASSOCIATES
Mosaic Associates Architects, DPC
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

Consultant:

Seal

Alterations to School District Facilities Phase Two

Peekskill City School District
Peekskill, NY

Revision:
ISSUED FOR BID
02/01/2021

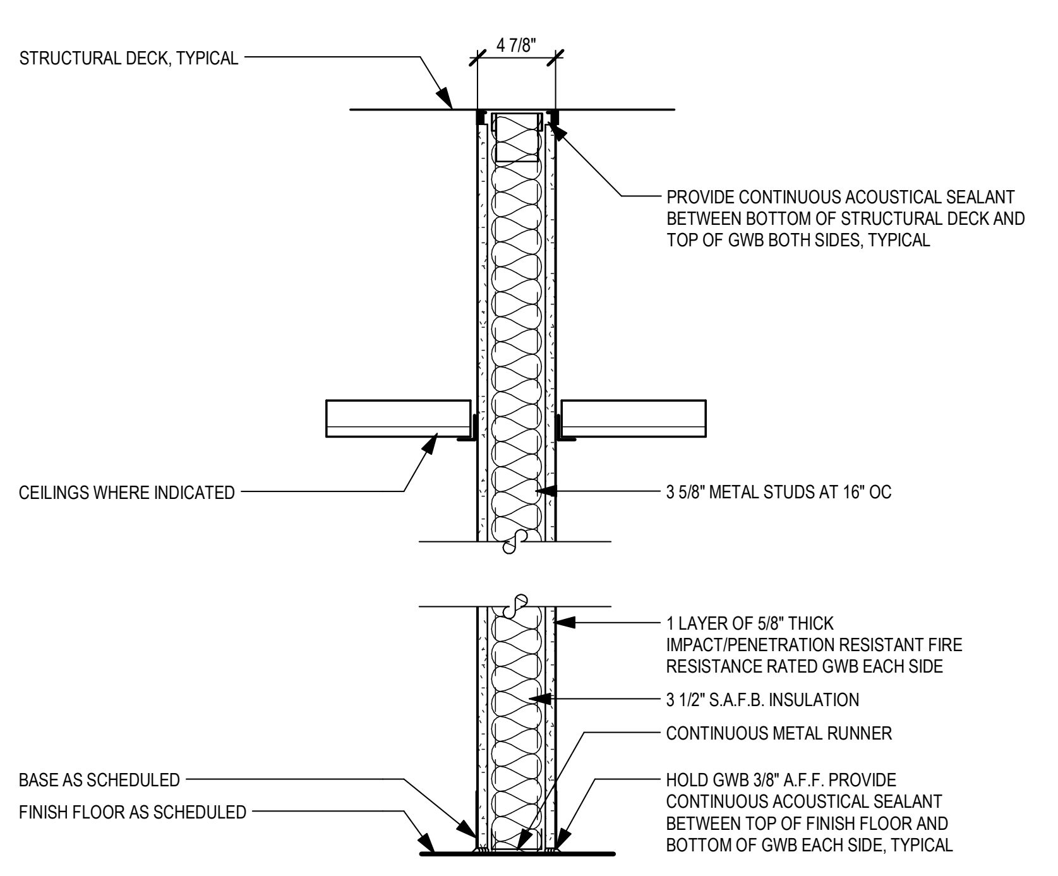
Drawing Title:
CURTAIN WALL DETAILS

PEEKSKILL HIGH SCHOOL

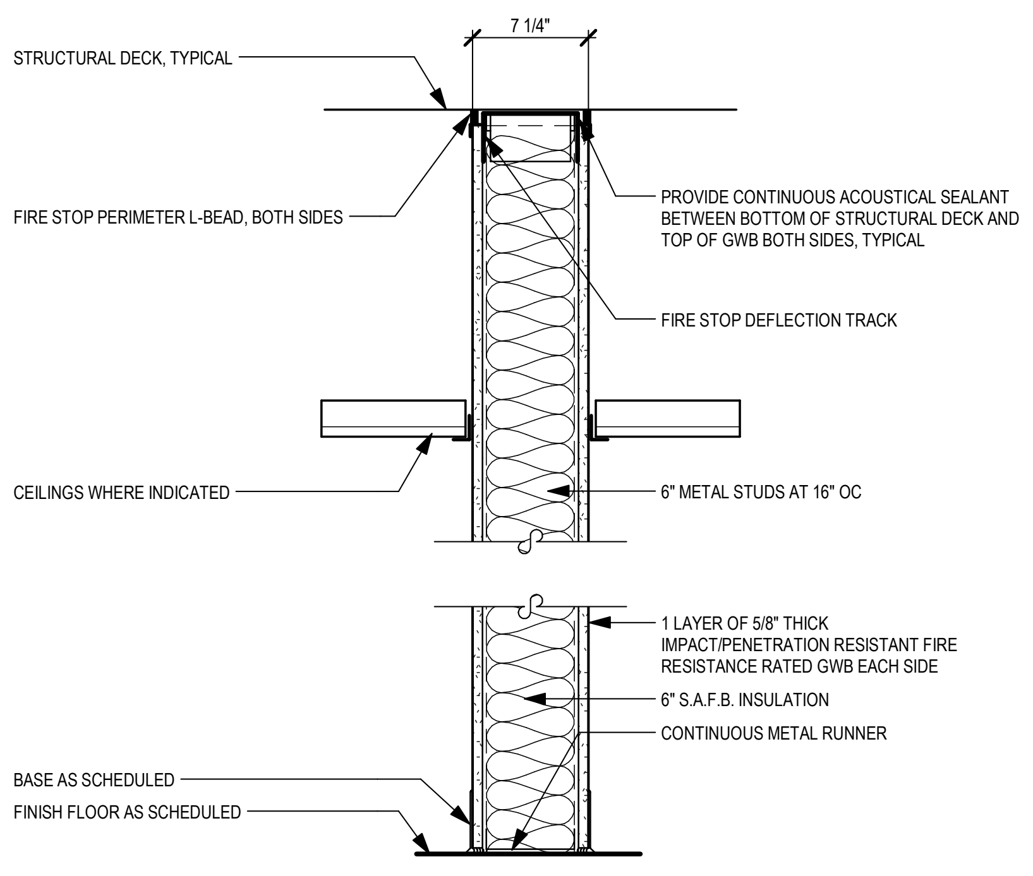
APN: 1901.2
Date: 02/01/2021
Drawn by: JN

Drawing Number:
GP 705

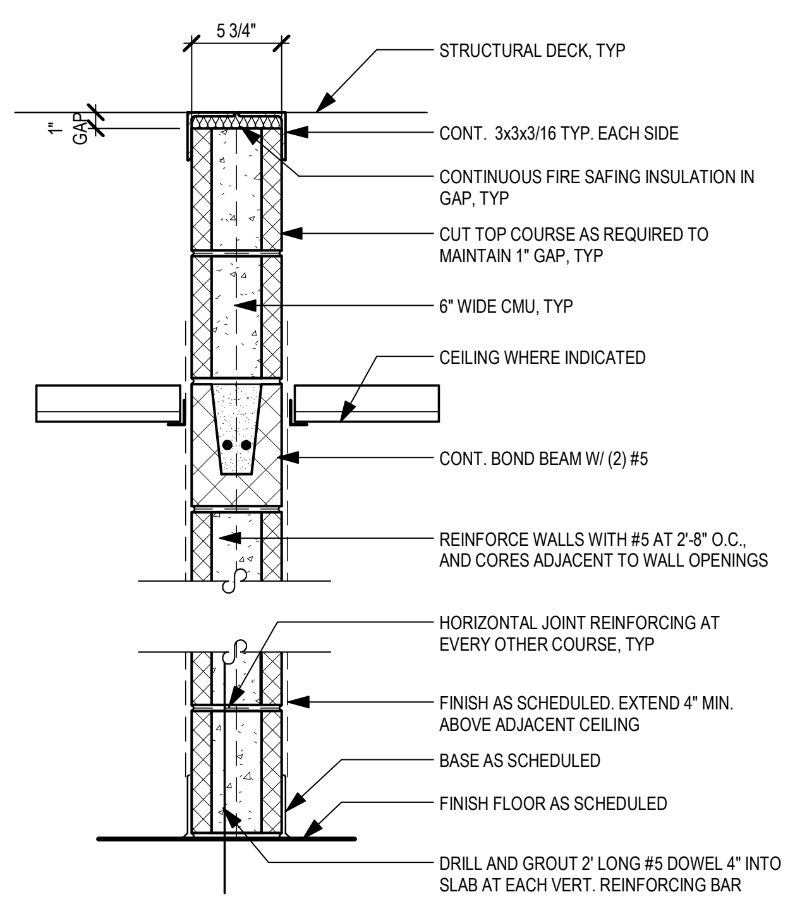
INTERIOR WALL TYPES


4 7/8"
STRUCTURAL DECK, TYPICAL
PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN BOTTOM OF STRUCTURAL DECK AND TOP OF GWB BOTH SIDES, TYPICAL
CEILINGS WHERE INDICATED
3 5/8" METAL STUDS AT 16" OC
1 LAYER OF 5/8" THICK IMPACT/PENETRATION RESISTANT FIRE RESISTANCE RATED GWB EACH SIDE
3 1/2" S.A.F.B. INSULATION
CONTINUOUS METAL RUNNER
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED
HOLD GWB 3/8" A.F.F. PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN TOP OF FINISH FLOOR AND BOTTOM OF GWB EACH SIDE, TYPICAL

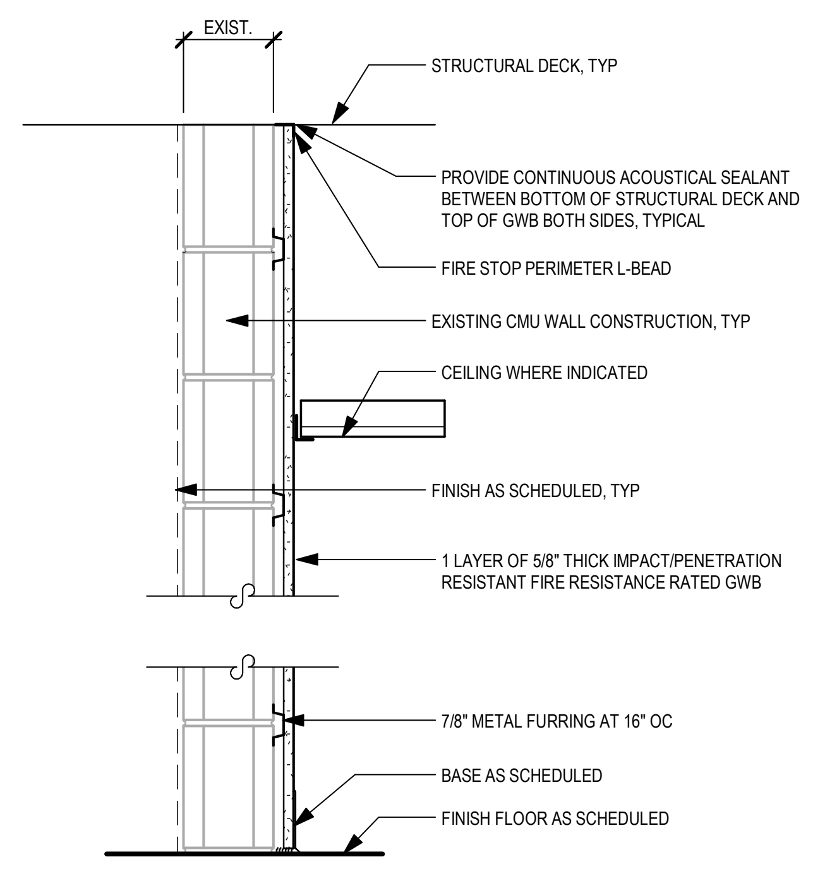
A NON-RATED 3 5/8" STUD PARTITION NONBEARING


7 1/4"
STRUCTURAL DECK, TYPICAL
FIRE STOP PERIMETER L-BEAD, BOTH SIDES
PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN BOTTOM OF STRUCTURAL DECK AND TOP OF GWB BOTH SIDES, TYPICAL
FIRE STOP DEFLECTION TRACK
CEILINGS WHERE INDICATED
6" METAL STUDS AT 16" OC
1 LAYER OF 5/8" THICK IMPACT/PENETRATION RESISTANT FIRE RESISTANCE RATED GWB EACH SIDE
6" S.A.F.B. INSULATION
CONTINUOUS METAL RUNNER
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED

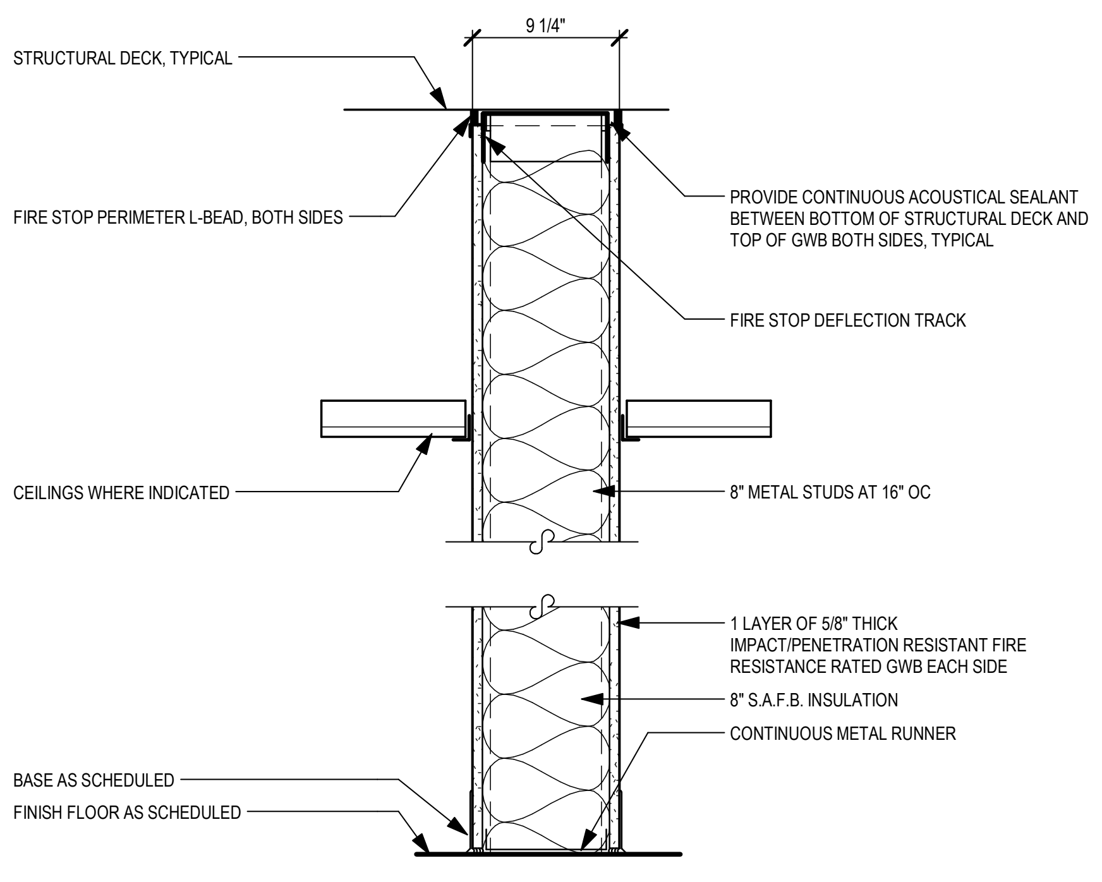
B NON-RATED 6" STUD PARTITION NONBEARING


5 3/4"
1" GAP
STRUCTURAL DECK, TYP
CONT. 3x3x3/16 TYP. EACH SIDE
CONTINUOUS FIRE SAFING INSULATION IN GAP, TYP
CUT TOP COURSE AS REQUIRED TO MAINTAIN 1" GAP, TYP
6" WIDE CMU, TYP
CEILING WHERE INDICATED
CONT. BOND BEAM W/ (2) #5
REINFORCE WALLS WITH #5 AT 2'-8" O.C., AND CORES ADJACENT TO WALL OPENINGS
HORIZONTAL JOINT REINFORCING AT EVERY OTHER COURSE, TYP
FINISH AS SCHEDULED. EXTEND 4" MIN. ABOVE ADJACENT CEILING
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED
DRILL AND GROUT 2' LONG #5 DOWEL 4" INTO SLAB AT EACH VERT. REINFORCING BAR

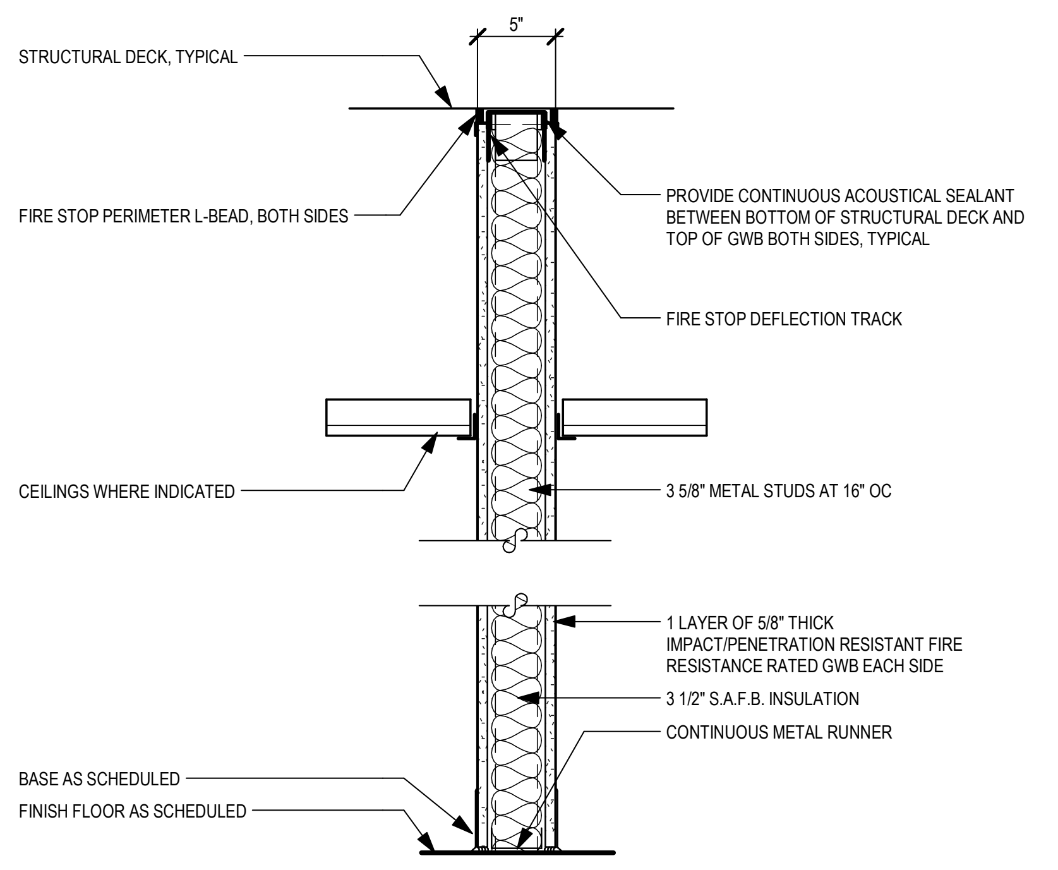
D1 1 HOUR RATED 6" CMU - NONBEARING U.L. DESIGN NO. U906


EXIST.
STRUCTURAL DECK, TYP
PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN BOTTOM OF STRUCTURAL DECK AND TOP OF GWB BOTH SIDES, TYPICAL
FIRE STOP PERIMETER L-BEAD
EXISTING CMU WALL CONSTRUCTION, TYP
CEILING WHERE INDICATED
FINISH AS SCHEDULED, TYP
1 LAYER OF 5/8" THICK IMPACT/PENETRATION RESISTANT FIRE RESISTANCE RATED GWB
7/8" METAL FURRING AT 16" OC
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED

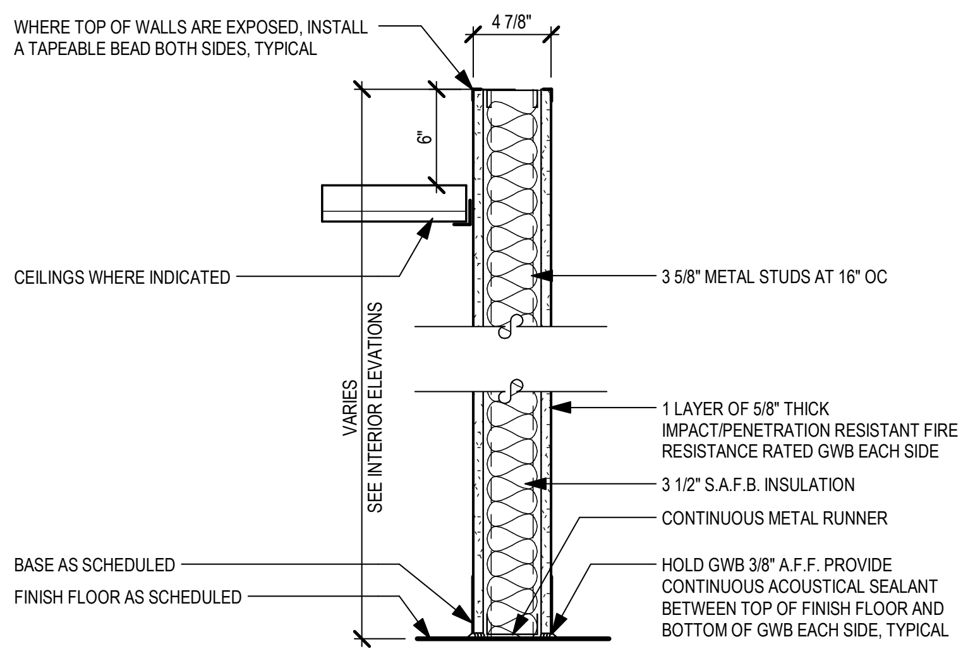
E NONRATED FURRING ON EXISTING CMU NONBEARING


9 1/4"
STRUCTURAL DECK, TYPICAL
FIRE STOP PERIMETER L-BEAD, BOTH SIDES
PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN BOTTOM OF STRUCTURAL DECK AND TOP OF GWB BOTH SIDES, TYPICAL
FIRE STOP DEFLECTION TRACK
CEILINGS WHERE INDICATED
8" METAL STUDS AT 16" OC
1 LAYER OF 5/8" THICK IMPACT/PENETRATION RESISTANT FIRE RESISTANCE RATED GWB EACH SIDE
8" S.A.F.B. INSULATION
CONTINUOUS METAL RUNNER
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED

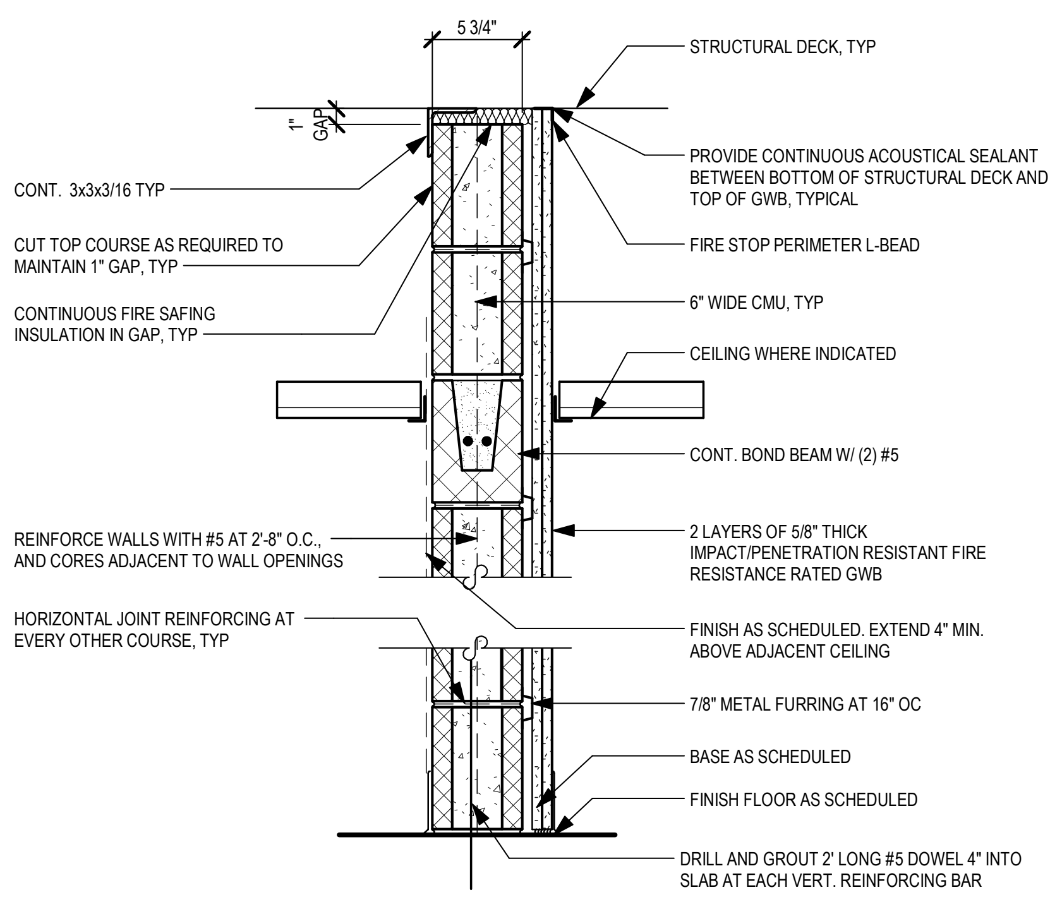
G1 1 HOUR RATED 8" STUD PARTITION NONBEARING U.L. DESIGN NO. U465


5"
STRUCTURAL DECK, TYPICAL
FIRE STOP PERIMETER L-BEAD, BOTH SIDES
PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN BOTTOM OF STRUCTURAL DECK AND TOP OF GWB BOTH SIDES, TYPICAL
FIRE STOP DEFLECTION TRACK
CEILINGS WHERE INDICATED
3 5/8" METAL STUDS AT 16" OC
1 LAYER OF 5/8" THICK IMPACT/PENETRATION RESISTANT FIRE RESISTANCE RATED GWB EACH SIDE
3 1/2" S.A.F.B. INSULATION
CONTINUOUS METAL RUNNER
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED

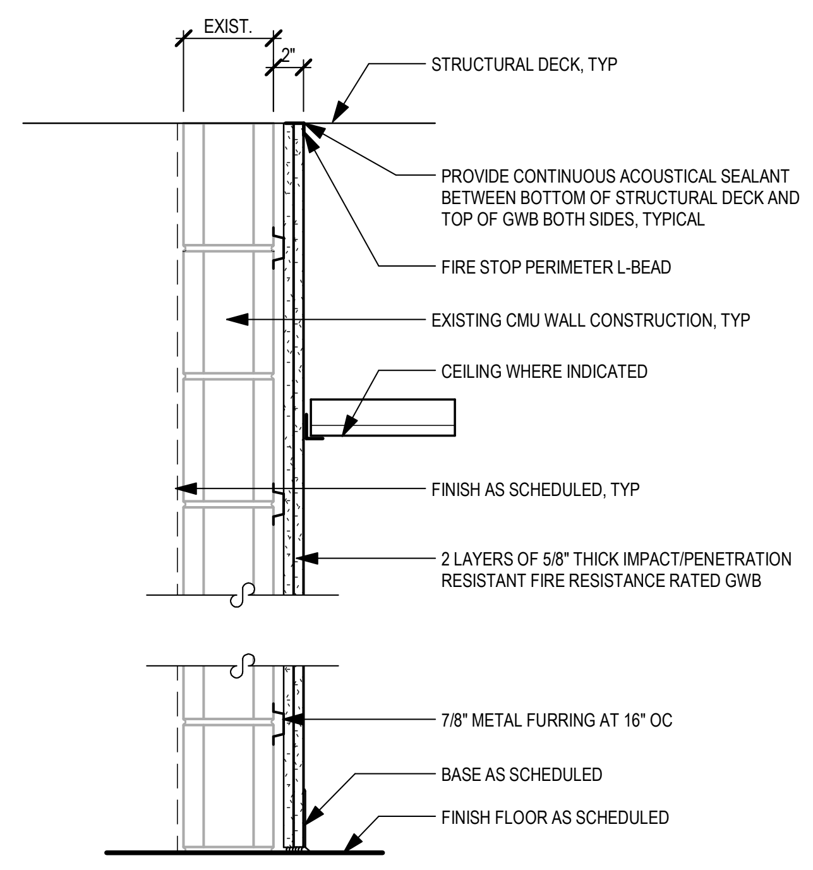
A1 1 HOUR RATED 3 5/8" STUD PARTITION NONBEARING U.L. DESIGN NO. U465


4 7/8"
WHERE TOP OF WALLS ARE EXPOSED, INSTALL A TAPEABLE BEAD BOTH SIDES, TYPICAL
6"
CEILINGS WHERE INDICATED
3 5/8" METAL STUDS AT 16" OC
VARIES
SEE INTERIOR ELEVATIONS
1 LAYER OF 5/8" THICK IMPACT/PENETRATION RESISTANT FIRE RESISTANCE RATED GWB EACH SIDE
3 1/2" S.A.F.B. INSULATION
CONTINUOUS METAL RUNNER
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED
HOLD GWB 3/8" A.F.F. PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN TOP OF FINISH FLOOR AND BOTTOM OF GWB EACH SIDE, TYPICAL

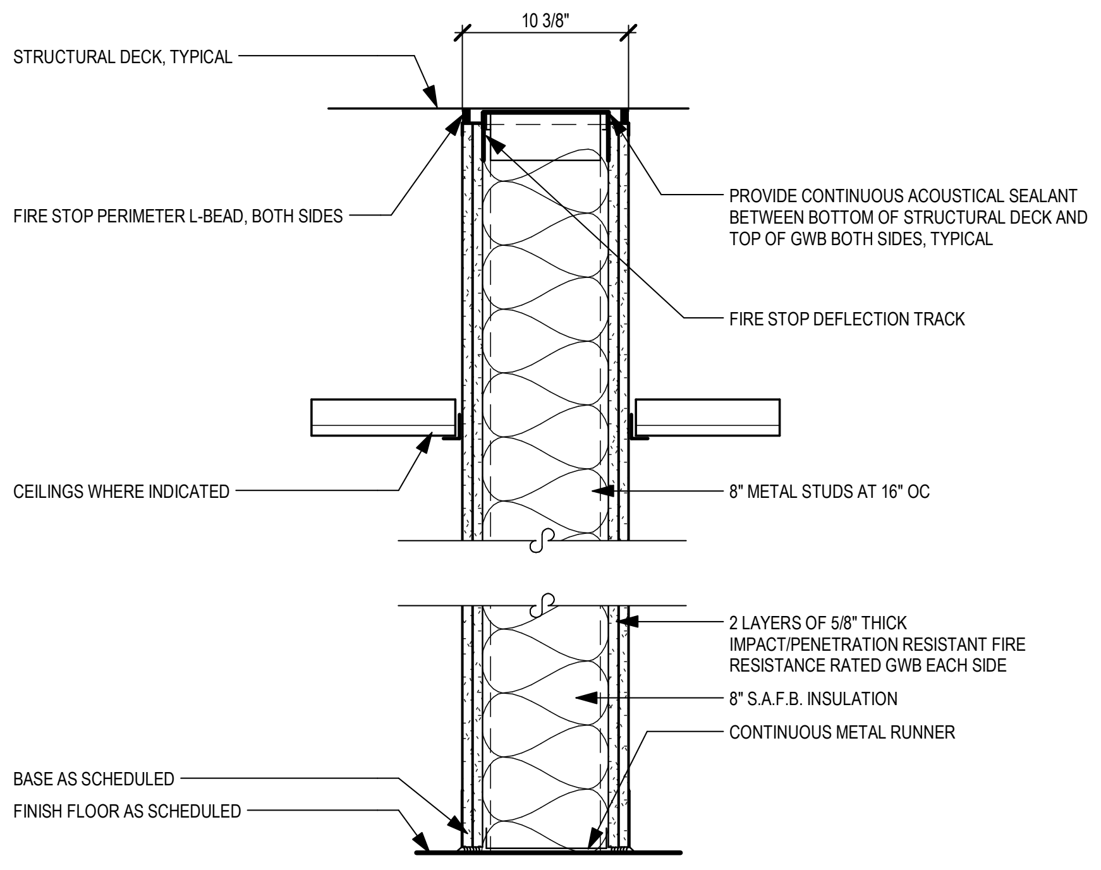
C NON-RATED PARTIAL HEIGHT 3 5/8" STUD PARTITION NONBEARING


5 3/4"
1" GAP
STRUCTURAL DECK, TYP
CONT. 3x3x3/16 TYP
CUT TOP COURSE AS REQUIRED TO MAINTAIN 1" GAP, TYP
CONTINUOUS FIRE SAFING INSULATION IN GAP, TYP
PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN BOTTOM OF STRUCTURAL DECK AND TOP OF GWB, TYPICAL
FIRE STOP PERIMETER L-BEAD
6" WIDE CMU, TYP
CEILING WHERE INDICATED
CONT. BOND BEAM W/ (2) #5
REINFORCE WALLS WITH #5 AT 2'-8" O.C., AND CORES ADJACENT TO WALL OPENINGS
HORIZONTAL JOINT REINFORCING AT EVERY OTHER COURSE, TYP
2 LAYERS OF 5/8" THICK IMPACT/PENETRATION RESISTANT FIRE RESISTANCE RATED GWB
FINISH AS SCHEDULED. EXTEND 4" MIN. ABOVE ADJACENT CEILING
7/8" METAL FURRING AT 16" OC
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED
DRILL AND GROUT 2' LONG #5 DOWEL 4" INTO SLAB AT EACH VERT. REINFORCING BAR

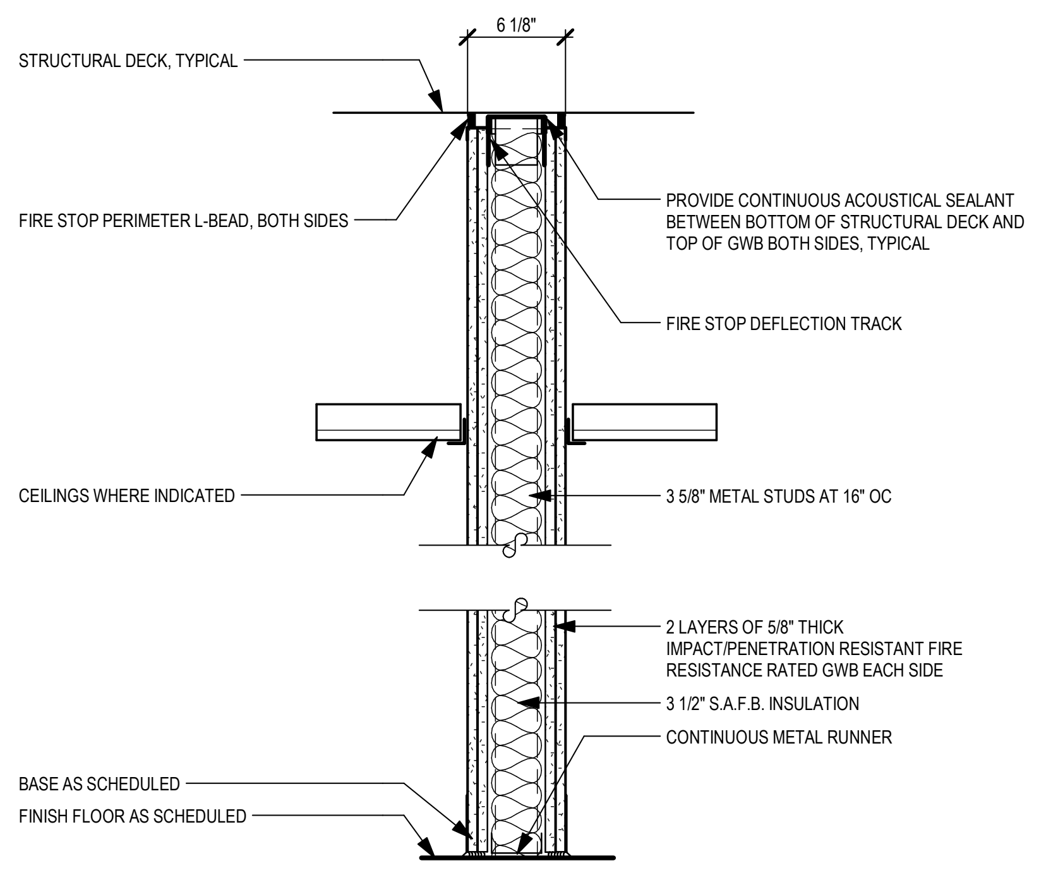
D2 2 HOUR RATED 6" CMU - NONBEARING WITH FURRING U.L. DESIGN NO. U906


EXIST.
2"
STRUCTURAL DECK, TYP
PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN BOTTOM OF STRUCTURAL DECK AND TOP OF GWB BOTH SIDES, TYPICAL
FIRE STOP PERIMETER L-BEAD
EXISTING CMU WALL CONSTRUCTION, TYP
CEILING WHERE INDICATED
FINISH AS SCHEDULED, TYP
2 LAYERS OF 5/8" THICK IMPACT/PENETRATION RESISTANT FIRE RESISTANCE RATED GWB
7/8" METAL FURRING AT 16" OC
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED

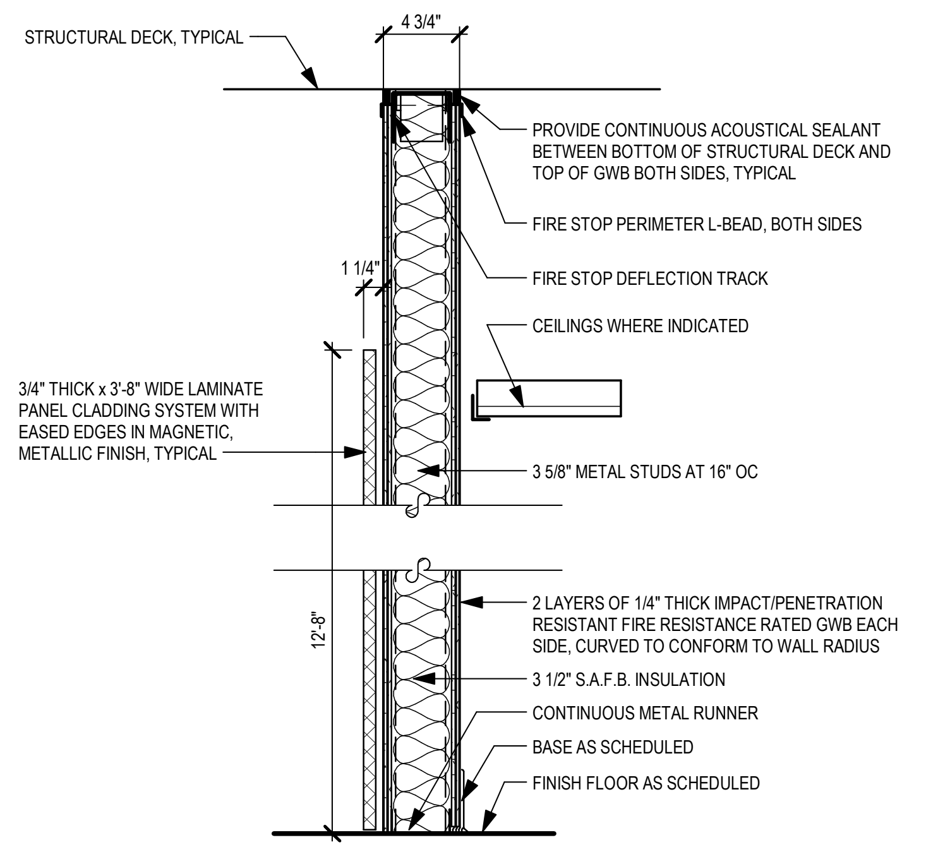
E2 2 HOUR RATED EXIST. 6" CMU - NONBEARING WITH FURRING U.L. DESIGN NO. U906


10 3/8"
STRUCTURAL DECK, TYPICAL
FIRE STOP PERIMETER L-BEAD, BOTH SIDES
PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN BOTTOM OF STRUCTURAL DECK AND TOP OF GWB BOTH SIDES, TYPICAL
FIRE STOP DEFLECTION TRACK
CEILINGS WHERE INDICATED
8" METAL STUDS AT 16" OC
2 LAYERS OF 5/8" THICK IMPACT/PENETRATION RESISTANT FIRE RESISTANCE RATED GWB EACH SIDE
8" S.A.F.B. INSULATION
CONTINUOUS METAL RUNNER
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED

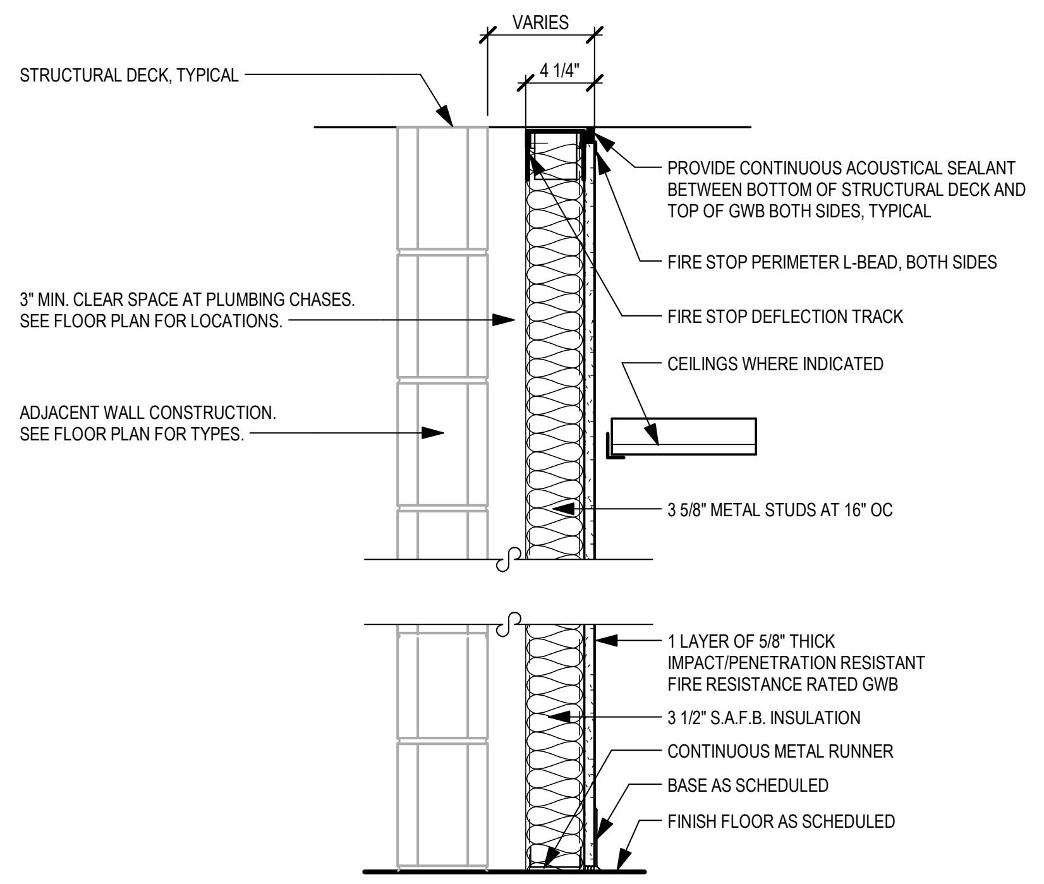
G2 2 HOUR RATED 8" STUD PARTITION NONBEARING U.L. DESIGN NO. U411


6 1/8"
STRUCTURAL DECK, TYPICAL
FIRE STOP PERIMETER L-BEAD, BOTH SIDES
PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN BOTTOM OF STRUCTURAL DECK AND TOP OF GWB BOTH SIDES, TYPICAL
FIRE STOP DEFLECTION TRACK
CEILINGS WHERE INDICATED
3 5/8" METAL STUDS AT 16" OC
2 LAYERS OF 5/8" THICK IMPACT/PENETRATION RESISTANT FIRE RESISTANCE RATED GWB EACH SIDE
3 1/2" S.A.F.B. INSULATION
CONTINUOUS METAL RUNNER
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED

A2 2 HOUR RATED 3 5/8" STUD PARTITION NONBEARING U.L. DESIGN NO. U411


4 3/4"
STRUCTURAL DECK, TYPICAL
PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN BOTTOM OF STRUCTURAL DECK AND TOP OF GWB BOTH SIDES, TYPICAL
FIRE STOP PERIMETER L-BEAD, BOTH SIDES
1 1/4"
FIRE STOP DEFLECTION TRACK
CEILINGS WHERE INDICATED
3/4" THICK x 3'-8" WIDE LAMINATE PANEL CLADDING SYSTEM WITH EASED EDGES IN MAGNETIC, METALLIC FINISH, TYPICAL
3 5/8" METAL STUDS AT 16" OC
12'-8"
2 LAYERS OF 1/4" THICK IMPACT/PENETRATION RESISTANT FIRE RESISTANCE RATED GWB EACH SIDE, CURVED TO CONFORM TO WALL RADIUS
3 1/2" S.A.F.B. INSULATION
CONTINUOUS METAL RUNNER
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED

H LAMINATE PANELS ON NON-RATED 3 5/8" STUD PARTITION NONBEARING


VARIES
4 1/4"
STRUCTURAL DECK, TYPICAL
PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN BOTTOM OF STRUCTURAL DECK AND TOP OF GWB BOTH SIDES, TYPICAL
FIRE STOP PERIMETER L-BEAD, BOTH SIDES
3" MIN. CLEAR SPACE AT PLUMBING CHASES. SEE FLOOR PLAN FOR LOCATIONS.
FIRE STOP DEFLECTION TRACK
CEILINGS WHERE INDICATED
ADJACENT WALL CONSTRUCTION. SEE FLOOR PLAN FOR TYPES.
3 5/8" METAL STUDS AT 16" OC
1 LAYER OF 5/8" THICK IMPACT/PENETRATION RESISTANT FIRE RESISTANCE RATED GWB
3 1/2" S.A.F.B. INSULATION
CONTINUOUS METAL RUNNER
BASE AS SCHEDULED
FINISH FLOOR AS SCHEDULED

F NON-RATED 3 5/8" STUD PARTITION NONBEARING

GENERAL WALL TYPE NOTES

1. SOME STEEL STUD PARTITIONS ARE SHEAR WALLS OR STRAP-BRACED-WALLS. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS AND ADDITIONAL WORK REQUIRED.
2. ALL WALL PARTITIONS SHALL BE FROM STRUCTURE BELOW TO UNDERSIDE OF STRUCTURAL DECK ABOVE, TYPICAL UNLESS NOTED OTHERWISE.
3. PROVIDE CONTINUOUS SOLID METAL TOP AND BOTTOM TRACKS AT ALL METAL STUD WALLS. PROVIDE CONTINUOUS DEFLECTION TRACK AT ALL WALL PARTITIONS SECURED TO STRUCTURE ABOVE, TYPICAL.
4. PROVIDE FIRE STOPPING, FIRE SAFING AND FIRE RATED SEALANT AT ALL VOIDS AND PENETRATIONS IN FIRE RATED ASSEMBLIES. ASSUME ALL EXISTING TO REMAIN WALLS ARE FIRE RATED.
5. WHERE FIRE RATED PARTITIONS ARE LOCATED UNDER STEEL BEAMS OR JOISTS, EXTEND FIRE RATED CONSTRUCTION TO UNDERSIDE OF STRUCTURAL DECK ABOVE BY PROVIDING FIRE RATED CONSTRUCTION AROUND BEAM OR JOIST EQUAL TO FIRE RATING OF WALL BELOW. SEE DETAIL 3/GM 802
6. MAINTAIN CONTINUITY OF ALL FIRE RATED PARTITIONS THROUGH NON RATED PARTITIONS, WHERE NON RATED PARTITIONS ABUT OR ARE BEHIND CASEWORK, FIRE EXTINGUISHERS, ELECTRICAL PANELS, ETC. TYPICAL.
7. PROVIDE ALL CUT UNITS, ADDITIONAL FRAMING/BLOCKING, SEALANT, FIRE SAFING ETC. AS REQUIRED TO SEAL AROUND OR BETWEEN ALL CONSTRUCTION ELEMENTS AFFECTED BY NEW WALL CONSTRUCTION, TYPICAL UNLESS NOTED OTHERWISE.
8. SEE ROOM FINISH SCHEDULE FOR WALL TILE, VINYL WALL COVERING AND PAINT LOCATIONS, TYPICAL.
9. PROVIDE CONTINUOUS TAPEABLE EDGE BEAD AT ALL GYPSUM WALLBOARD LOCATIONS ABUTTING NEW OR EXISTING DISSIMILAR MATERIALS, TYPICAL UNLESS NOTED OTHERWISE.
10. SEE STRUCTURAL DRAWINGS FOR BOND BEAMS, REINFORCING, GROUTING, BRACING AND LOAD BEARING ASSEMBLIES.
11. G.C. SHALL INSTALL CONTINUOUS 6" WIDE 16 GA. GALVANIZED STEEL STRAP BLOCKING ACROSS FACE OF STUDS AT NEW METAL STUD WALLS TO RECEIVE NEW CASEWORK, SHELVING, TALL CASEWORK, TOILET PARTITIONS, TOILET ACCESSORIES, LOCKERS OR OTHER WALL MOUNTED/SECURED EQUIPMENT. SEE EQUIPMENT DRAWINGS, PARTIAL PLANS AND INTERIOR ELEVATIONS FOR MORE INFORMATION. COORDINATE IN FIELD EXACT LOCATIONS WITH PRIME CONTRACTOR AND SUBCONTRACTOR. PROVIDE TYPICAL STEEL STRAP BLOCKING AT NEW CASEWORK LOCATIONS AS FOLLOWS:
    - A. TOP AND BOTTOM OF BASE CABINETS
    - B. TOP AND BOTTOM OF WALL CABINETS
    - C. TOP, BOTTOM AND MIDPOINT OF TALL CABINETS
    - D. TOP, BOTTOM AND MIDPOINT OF COUNTERTOP SUPPORTS
    - E. TOP, BOTTOM AND MIDPOINT OF SHELF STANDARDS
12. FIRE RATED WALL CONSTRUCTION SHALL BE PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING:
    - A. LOCATE AT ACCESSIBLE CONCEALED FLOOR, ATTIC OR FLOOR-CEILING SPACES
    - B. LOCATE WITHIN 15 FEET OF EACH WALL END AND AT 30 FEET OC BETWEEN WALL ENDS
    - C. LETTERING SHALL BE 3" HIGH WITH 3/8" WIDE STROKE MINIMUM IN CONTRASTING COLOR
    - D. INCORPORATE WORDING "FIRE AND/OR SMOKE BARRIER-PROTECT ALL OPENINGS"
13. REFER TO SPECIFICATION SECTION 092900 – GYPSUM BOARD ASSEMBLIES FOR GYPSUM BOARD TYPES BY LOCATION

SED NUMBERS: ■ PEEKSKILL HIGH SCHOOL: 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY: 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY: 66-15-00-01-0-007-015

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Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, NY

Revision:
ISSUED FOR BID
02/01/2021

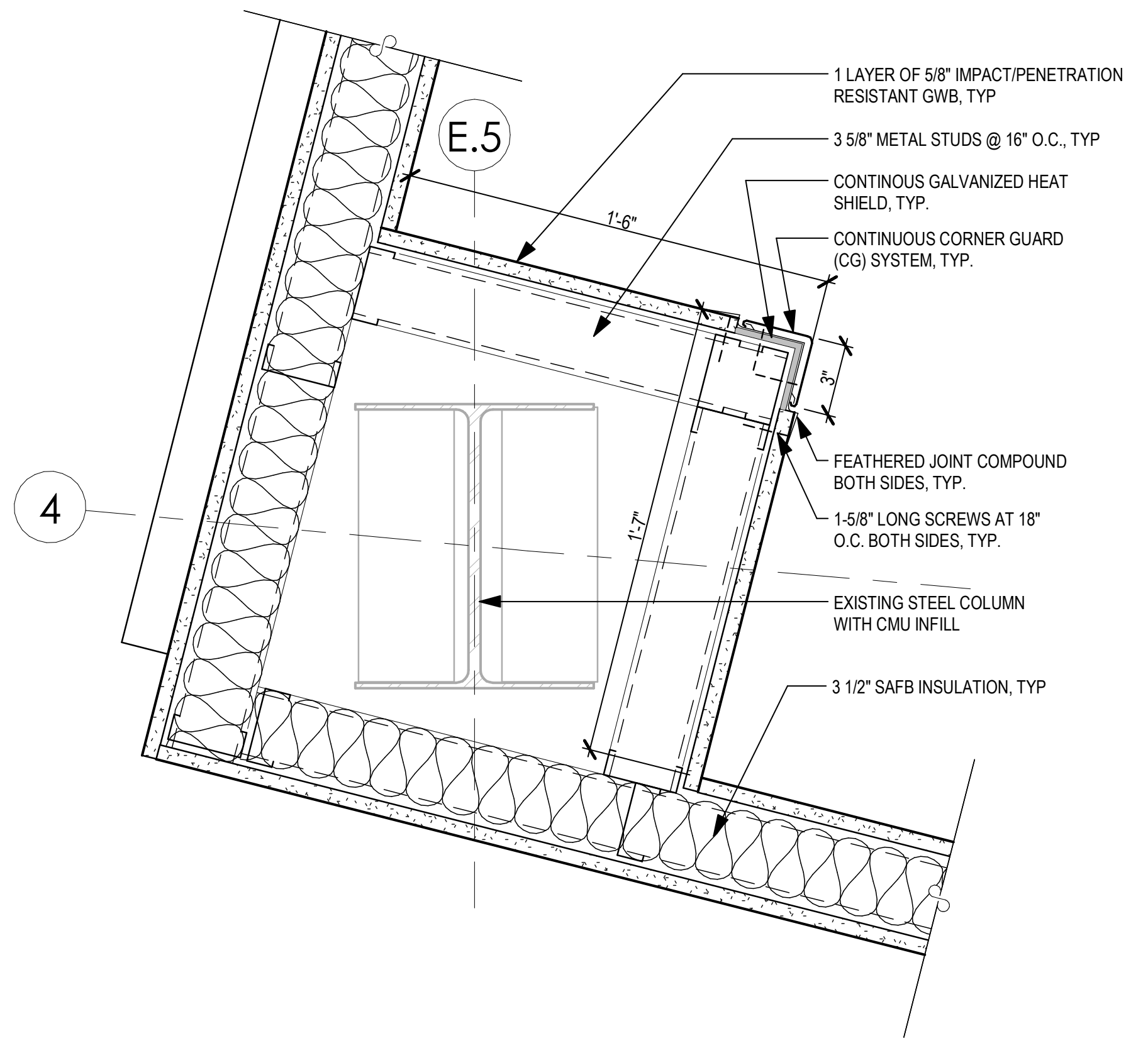
Drawing Title:
WALL TYPES

PEEKSKILL HIGH SCHOOL

APN: 1901.2
Date: 02/01/2021
Drawn by: JN

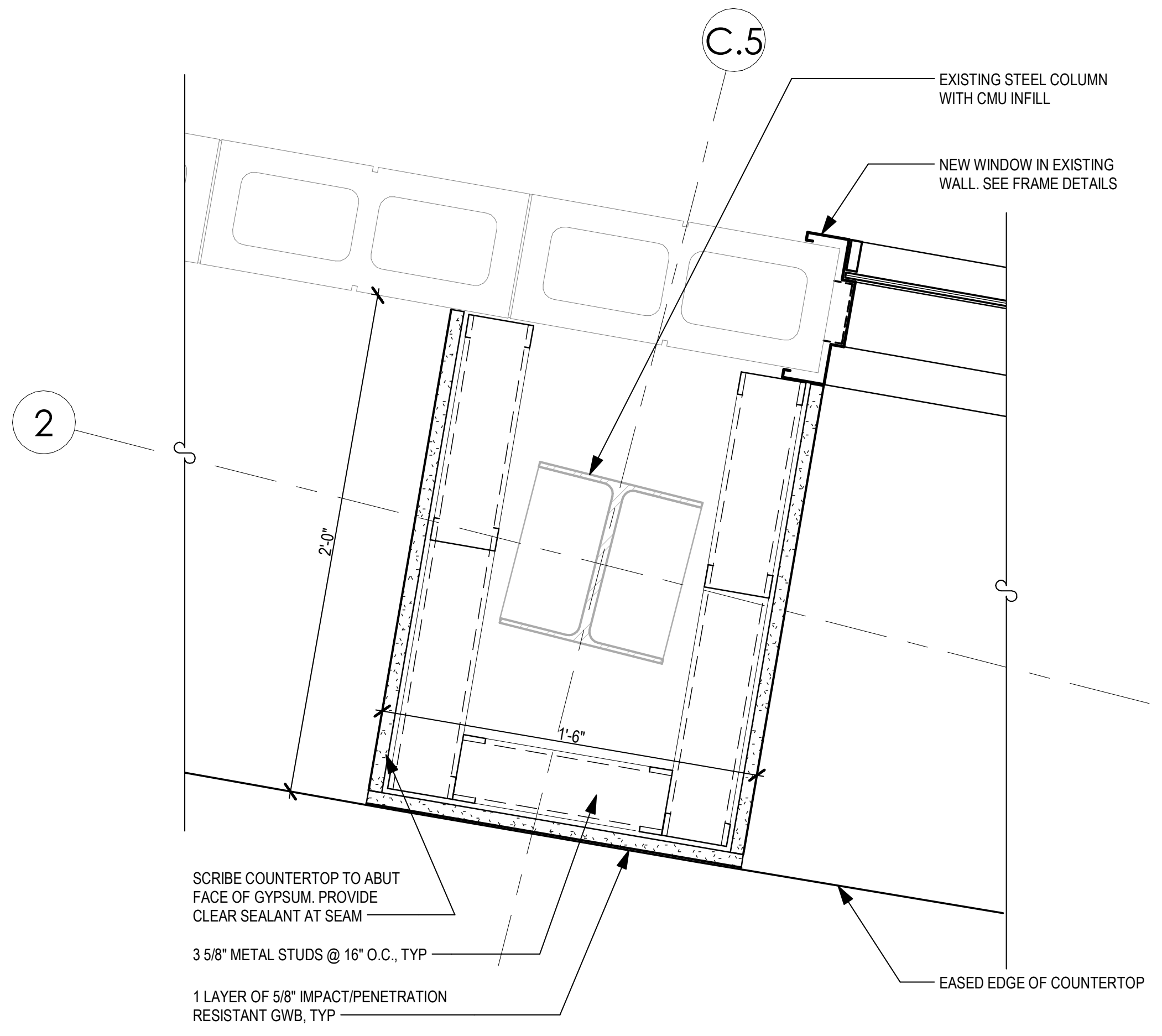
Drawing Number:
GP 801

2/8/2021 8:51:17 AM


E.5
4
1'-6"
1'-7"
3"
1 LAYER OF 5/8" IMPACT/PENETRATION RESISTANT GWB, TYP
3 5/8" METAL STUDS @ 16" O.C., TYP
CONTINOUS GALVANIZED HEAT SHIELD, TYP.
CONTINUOUS CORNER GUARD (CG) SYSTEM, TYP.
FEATHERED JOINT COMPOUND BOTH SIDES, TYP.
1-5/8" LONG SCREWS AT 18" O.C. BOTH SIDES, TYP.
EXISTING STEEL COLUMN WITH CMU INFILL
3 1/2" SAFB INSULATION, TYP

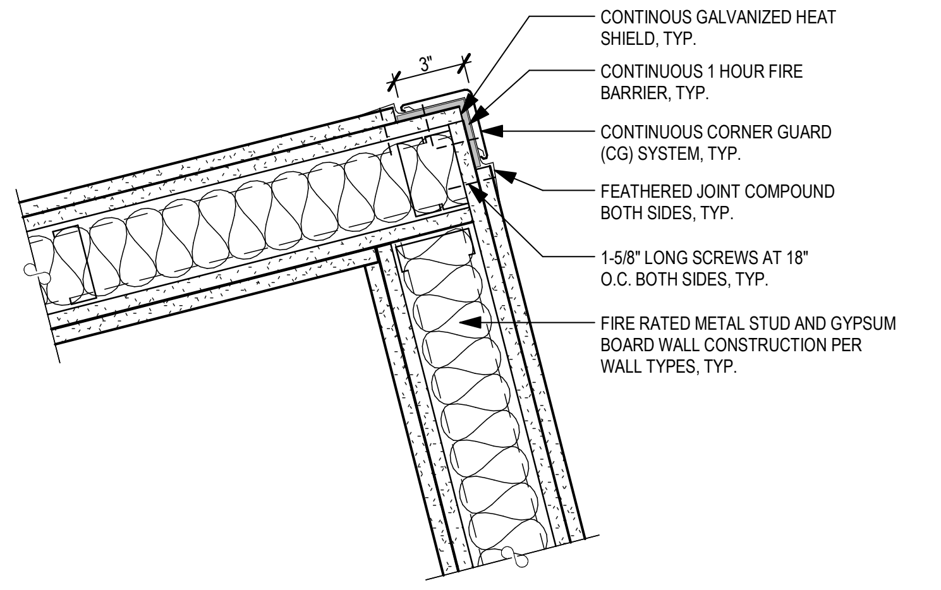
1 COLUMN DETAIL

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


C.5
2
2'-0"
1'-6"
EXISTING STEEL COLUMN WITH CMU INFILL
NEW WINDOW IN EXISTING WALL. SEE FRAME DETAILS
SCRIBE COUNTERTOP TO ABUT FACE OF GYPSUM. PROVIDE CLEAR SEALANT AT SEAM
3 5/8" METAL STUDS @ 16" O.C., TYP
1 LAYER OF 5/8" IMPACT/PENETRATION RESISTANT GWB, TYP
EASED EDGE OF COUNTERTOP

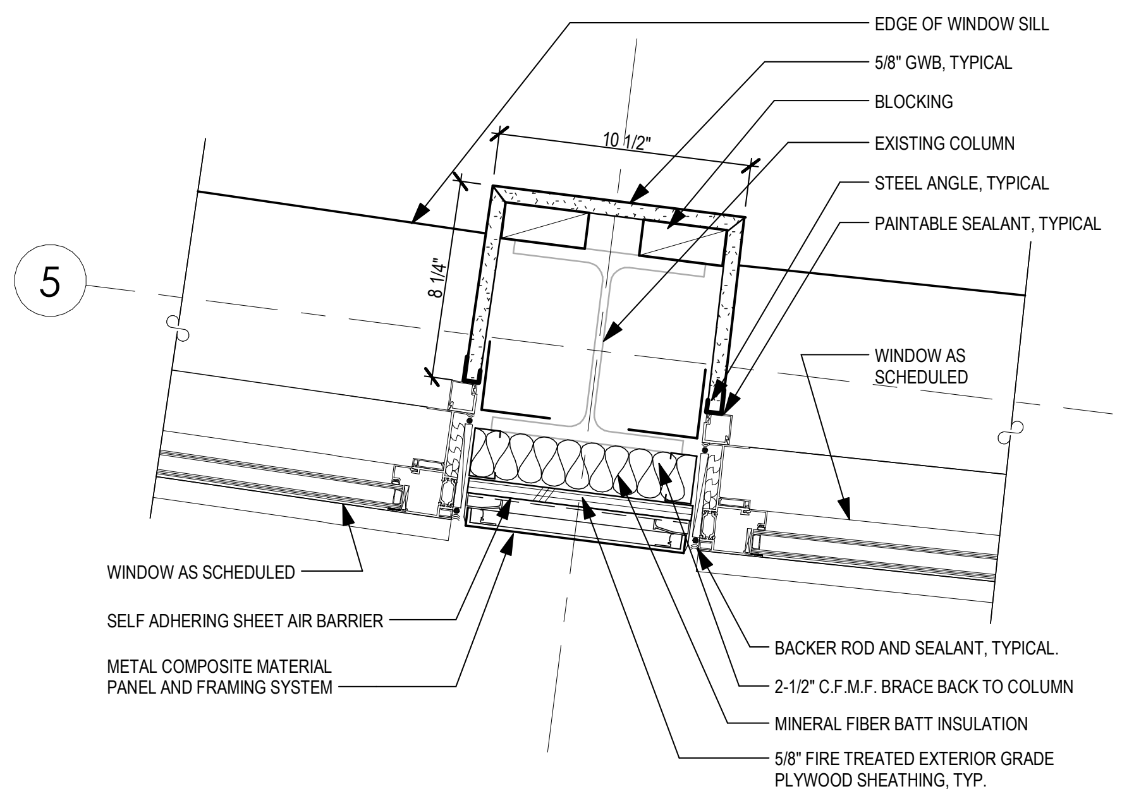
3 SCIENCE ROOM COLUMN - COUNTERTOP DETAIL

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


3"
CONTINOUS GALVANIZED HEAT SHIELD, TYP.
CONTINUOUS 1 HOUR FIRE BARRIER, TYP.
CONTINUOUS CORNER GUARD (CG) SYSTEM, TYP.
FEATHERED JOINT COMPOUND BOTH SIDES, TYP.
1-5/8" LONG SCREWS AT 18" O.C. BOTH SIDES, TYP.
FIRE RATED METAL STUD AND GYPSUM BOARD WALL CONSTRUCTION PER WALL TYPES, TYP.

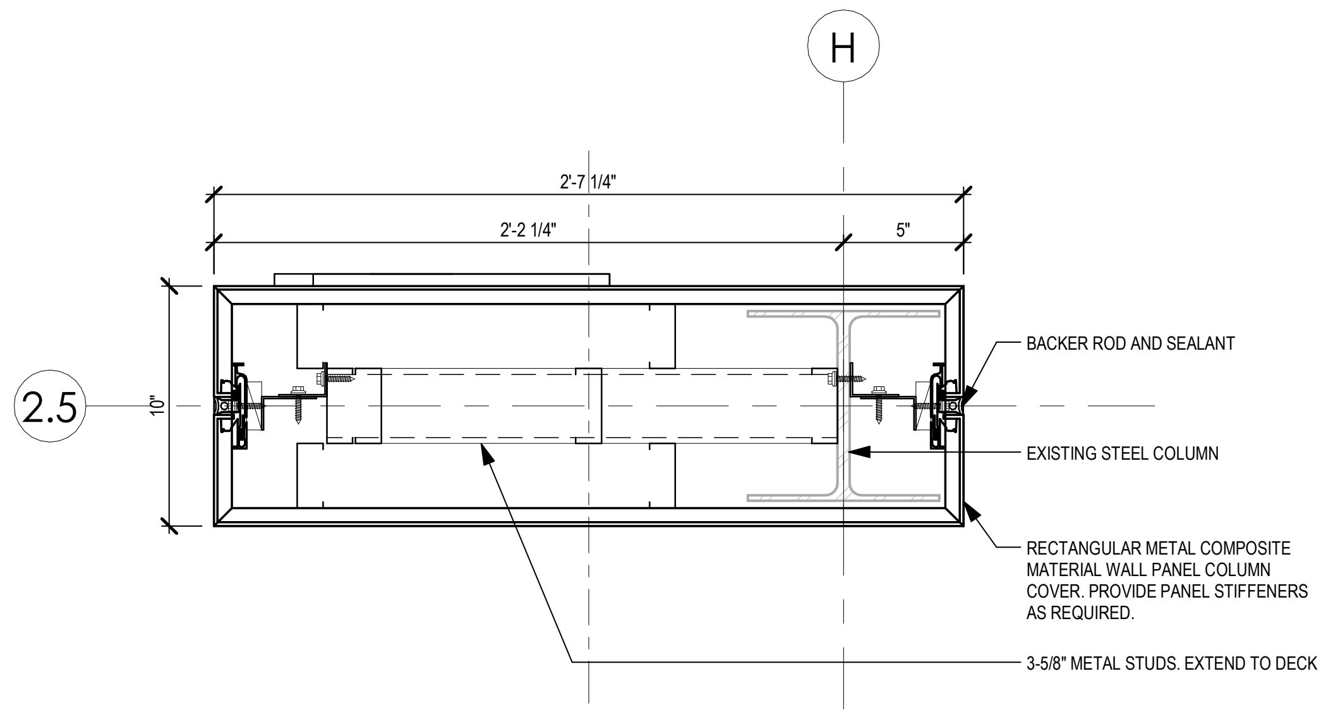
6 TYPICAL FIRE RATED CORNER GUARD DETAIL

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


5
10 1/2"
8 1/4"
EDGE OF WINDOW SILL
5/8" GWB, TYPICAL
BLOCKING
EXISTING COLUMN
STEEL ANGLE, TYPICAL
PAINTABLE SEALANT, TYPICAL
WINDOW AS SCHEDULED
WINDOW AS SCHEDULED
SELF ADHERING SHEET AIR BARRIER
METAL COMPOSITE MATERIAL PANEL AND FRAMING SYSTEM
BACKER ROD AND SEALANT, TYPICAL.
2-1/2" C.F.M.F. BRACE BACK TO COLUMN
MINERAL FIBER BATT INSULATION
5/8" FIRE TREATED EXTERIOR GRADE PLYWOOD SHEATHING, TYP.

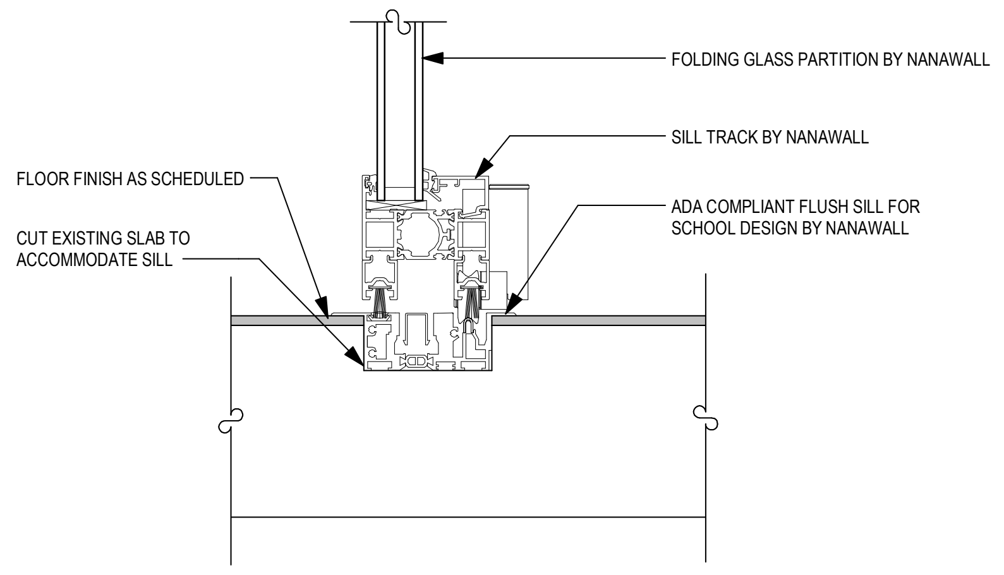
9 WINDOW TRIM DETAIL AT INTERMEDIATE COLUMN

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


H
2.5
2'-7 1/4"
2'-2 1/4"
5"
10"
BACKER ROD AND SEALANT
EXISTING STEEL COLUMN
RECTANGULAR METAL COMPOSITE MATERIAL WALL PANEL COLUMN COVER. PROVIDE PANEL STIFFENERS AS REQUIRED.
3-5/8" METAL STUDS. EXTEND TO DECK

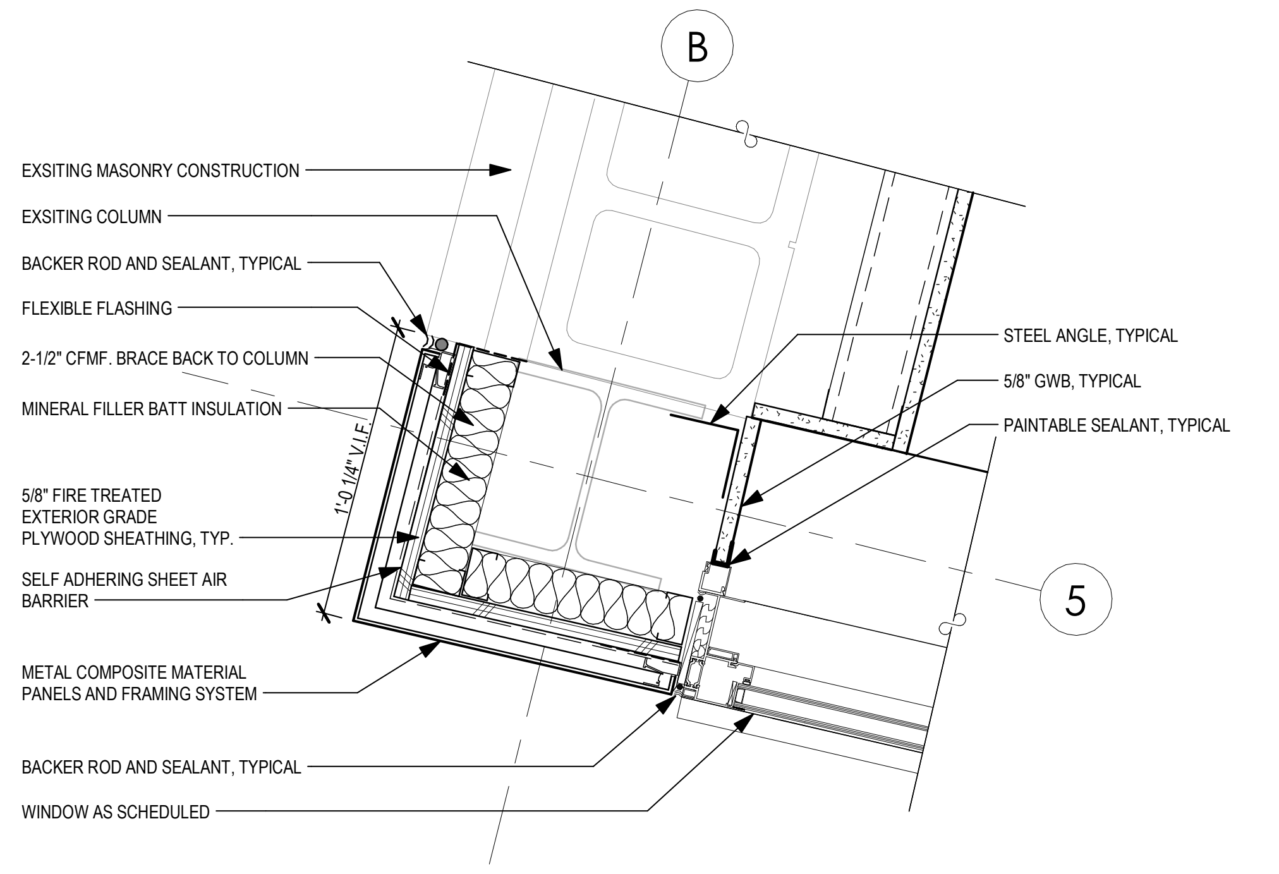
2 COLUMN WRAP DETAIL

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


FOLDING GLASS PARTITION BY NANAWALL
SILL TRACK BY NANAWALL
FLOOR FINISH AS SCHEDULED
ADA COMPLIANT FLUSH SILL FOR SCHOOL DESIGN BY NANAWALL
CUT EXISTING SLAB TO ACCOMMODATE SILL

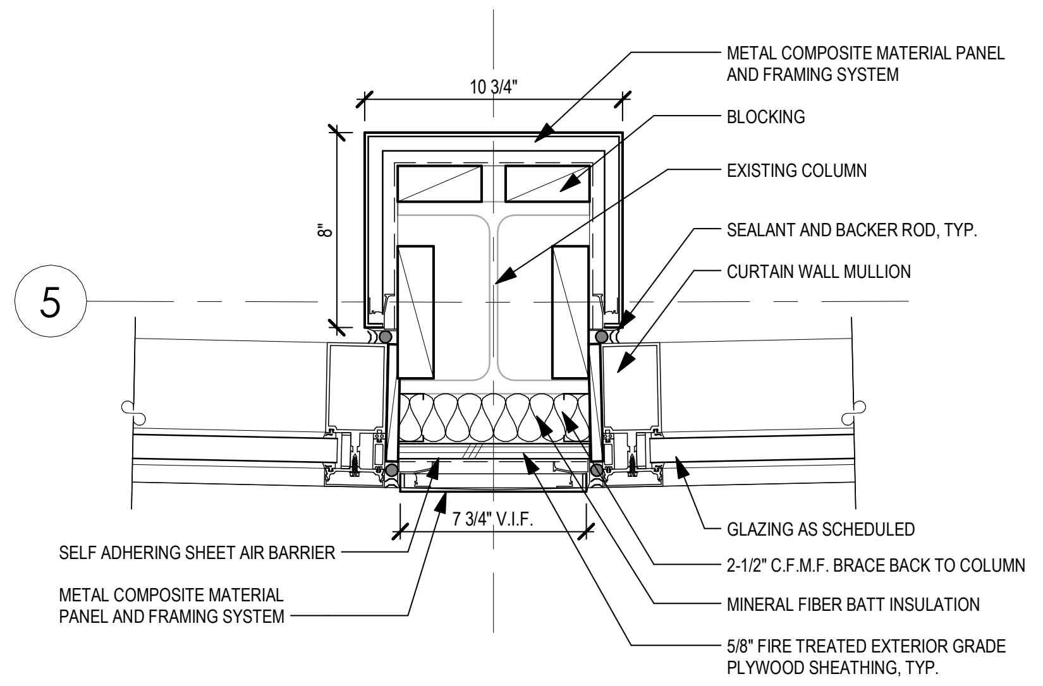
4 FOLDING GLASS PARTITION SILL DETAIL

SCALE: 3" = 1'-0"


B
5
1'-0 1/4" V.I.F.
EXSITING MASONRY CONSTRUCTION
EXSITING COLUMN
BACKER ROD AND SEALANT, TYPICAL
FLEXIBLE FLASHING
2-1/2" CFMF. BRACE BACK TO COLUMN
MINERAL FILLER BATT INSULATION
5/8" FIRE TREATED EXTERIOR GRADE PLYWOOD SHEATHING, TYP.
SELF ADHERING SHEET AIR BARRIER
METAL COMPOSITE MATERIAL PANELS AND FRAMING SYSTEM
BACKER ROD AND SEALANT, TYPICAL
WINDOW AS SCHEDULED
STEEL ANGLE, TYPICAL
5/8" GWB, TYPICAL
PAINTABLE SEALANT, TYPICAL

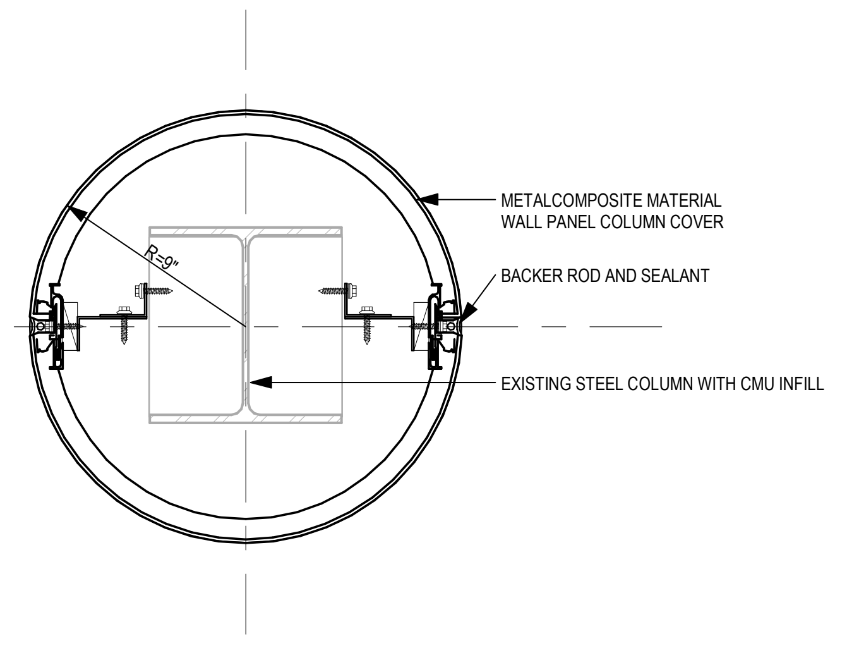
7 WINDOW TRIM DETAIL AT CORNER CONDITION

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


5
10 3/4"
8"
7 3/4" V.I.F.
METAL COMPOSITE MATERIAL PANEL AND FRAMING SYSTEM
BLOCKING
EXISTING COLUMN
SEALANT AND BACKER ROD, TYP.
CURTAIN WALL MULLION
SELF ADHERING SHEET AIR BARRIER
METAL COMPOSITE MATERIAL PANEL AND FRAMING SYSTEM
GLAZING AS SCHEDULED
2-1/2" C.F.M.F. BRACE BACK TO COLUMN
MINERAL FIBER BATT INSULATION
5/8" FIRE TREATED EXTERIOR GRADE PLYWOOD SHEATHING, TYP.

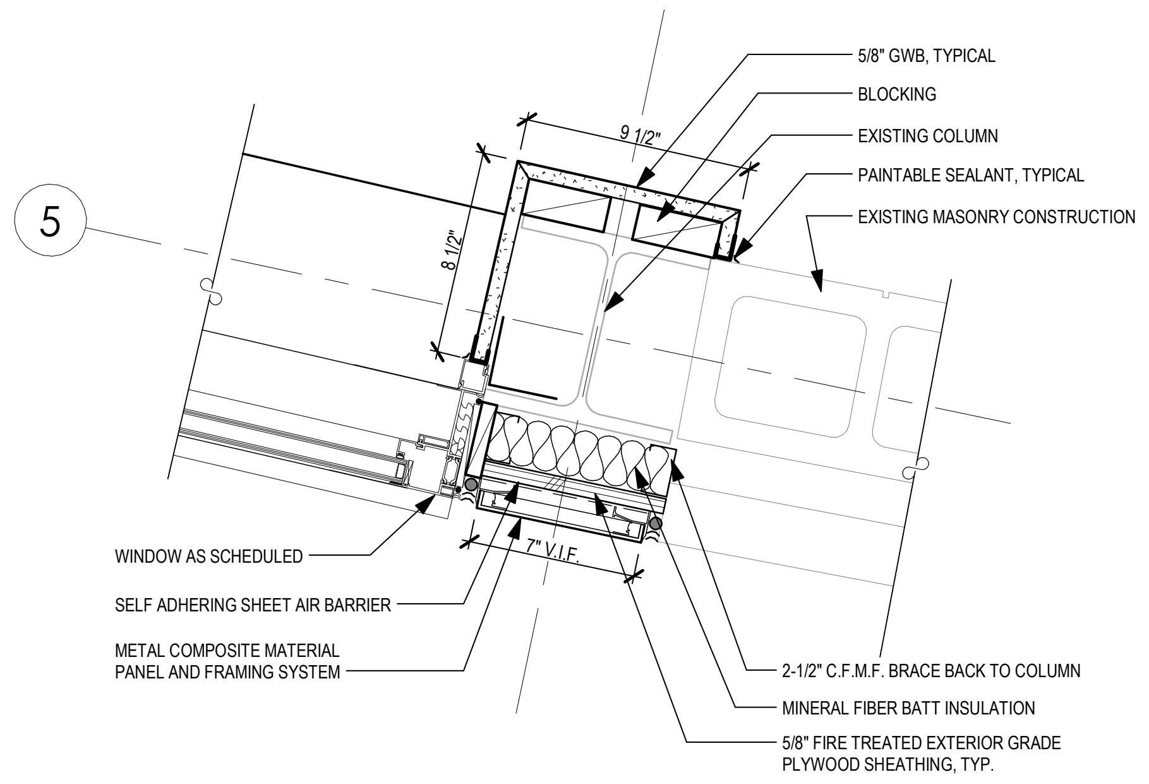
10 CURTAIN WALL TRIM DETAIL AT MIXER COLUMN

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


R=9"
METALCOMPOSITE MATERIAL WALL PANEL COLUMN COVER
BACKER ROD AND SEALANT
EXISTING STEEL COLUMN WITH CMU INFILL

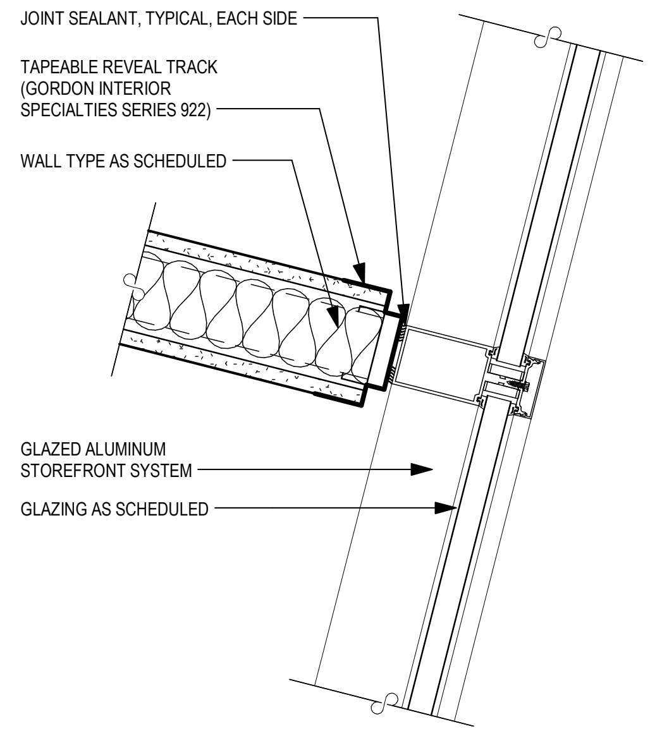
5 TYPICAL COLUMN WRAP DETAIL

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


5
9 1/2"
8 1/2"
7" V.I.F.
5/8" GWB, TYPICAL
BLOCKING
EXISTING COLUMN
PAINTABLE SEALANT, TYPICAL
EXISTING MASONRY CONSTRUCTION
WINDOW AS SCHEDULED
SELF ADHERING SHEET AIR BARRIER
METAL COMPOSITE MATERIAL PANEL AND FRAMING SYSTEM
2-1/2" C.F.M.F. BRACE BACK TO COLUMN
MINERAL FIBER BATT INSULATION
5/8" FIRE TREATED EXTERIOR GRADE PLYWOOD SHEATHING, TYP.

8 WINDOW TRIM DETAIL AT MASONRY INFILL

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


JOINT SEALANT, TYPICAL, EACH SIDE
TAPEABLE REVEAL TRACK (GORDON INTERIOR SPECIALTIES SERIES 922)
WALL TYPE AS SCHEDULED
GLAZED ALUMINUM STOREFRONT SYSTEM
GLAZING AS SCHEDULED

11 STOREFRONT TO MTL. STUD WALL DETAIL

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

SED NUMBERS: ■ PEEKSKILL HIGH SCHOOL: 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY: 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY: 66-15-00-01-0-007-015

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Consultant:

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, NY

Revision:
ISSUED FOR BID
02/01/2021

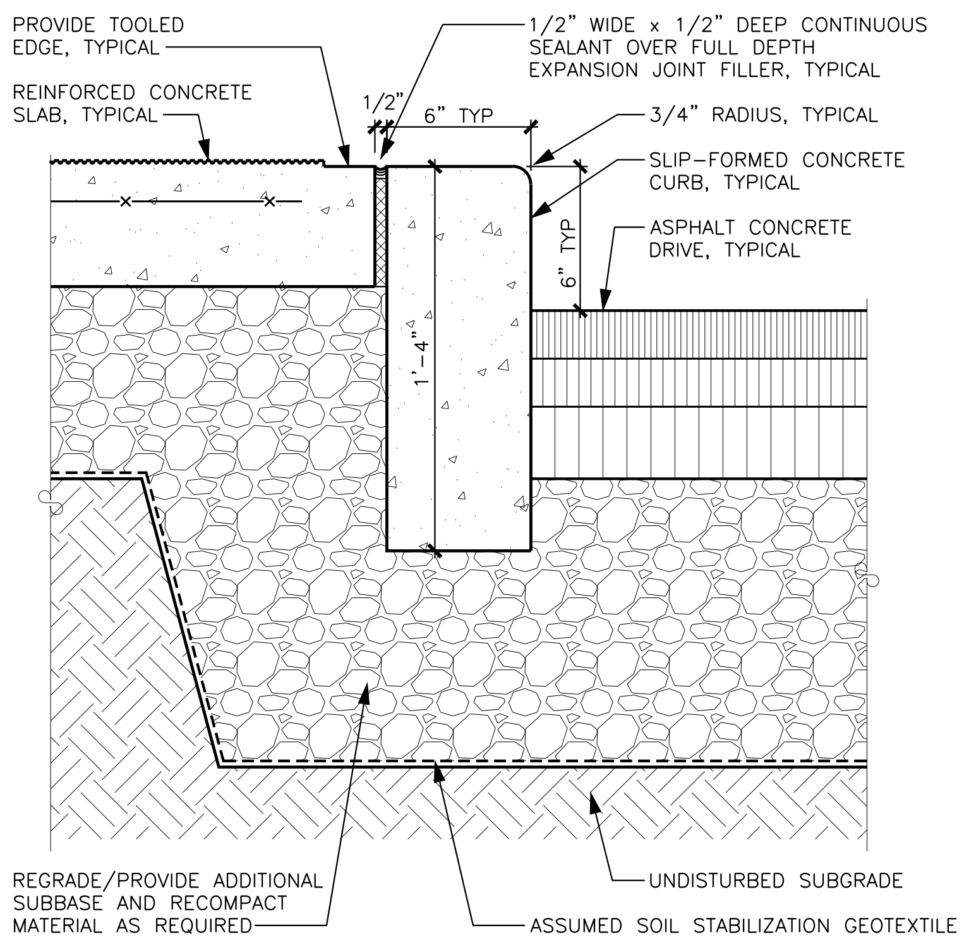
Drawing Title:
DETAILS

PEEKSKILL HIGH SCHOOL

APN: 1901.2
Date: 02/01/2021
Drawn by: JN

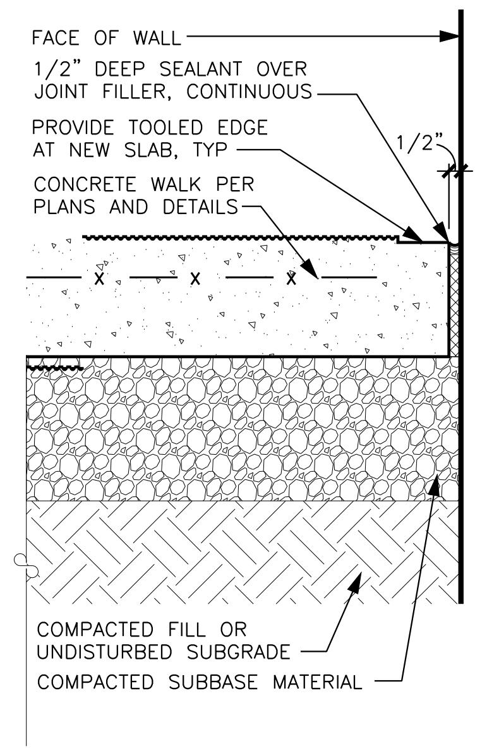
Drawing Number:
GP 802

2/5/2021 4:20:12 PM


PROVIDE TOOLED EDGE, TYPICAL
REINFORCED CONCRETE SLAB, TYPICAL
1/2" WIDE x 1/2" DEEP CONTINUOUS SEALANT OVER FULL DEPTH EXPANSION JOINT FILLER, TYPICAL
1/2"
6" TYP
3/4" RADIUS, TYPICAL
SLIP-FORMED CONCRETE CURB, TYPICAL
ASPHALT CONCRETE DRIVE, TYPICAL
6" TYP
1'-4"
REGRADE/PROVIDE ADDITIONAL SUBBASE AND RECOMPACT MATERIAL AS REQUIRED
UNDISTURBED SUBGRADE
ASSUMED SOIL STABILIZATION GEOTEXTILE

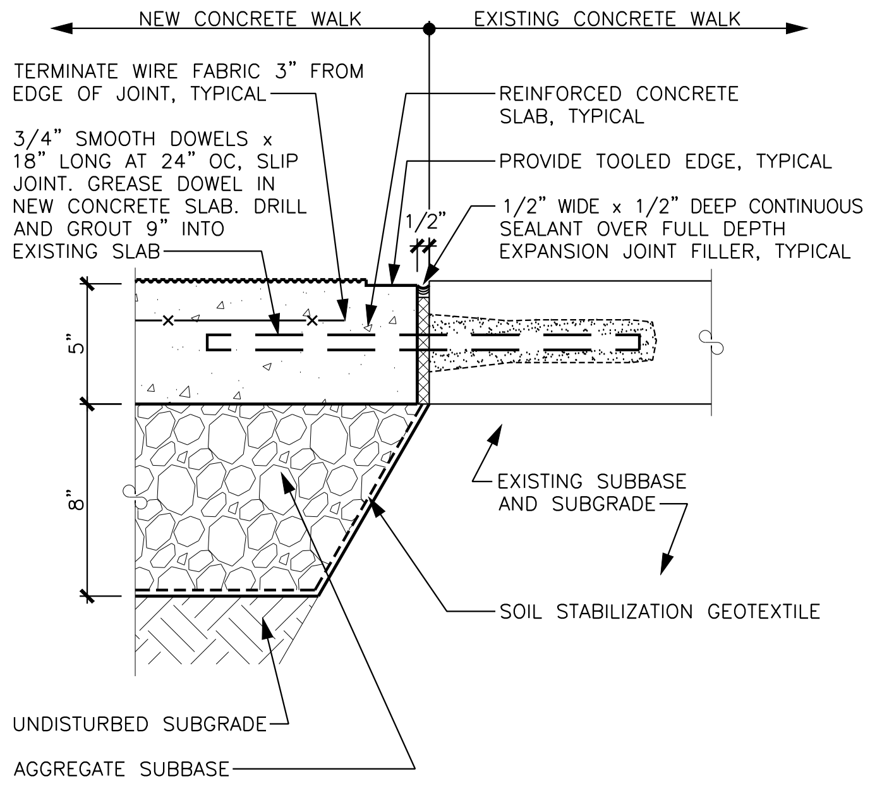
1 SLIP FORM CONCRETE CURB ON EXISTING SUBBASE

SCALE : 1 1/2"=1'-0" AT CONCRETE WALK


FACE OF WALL
1/2" DEEP SEALANT OVER JOINT FILLER, CONTINUOUS
PROVIDE TOOLED EDGE AT NEW SLAB, TYP
CONCRETE WALK PER PLANS AND DETAILS
1/2"
COMPACTED FILL OR UNDISTURBED SUBGRADE
COMPACTED SUBBASE MATERIAL

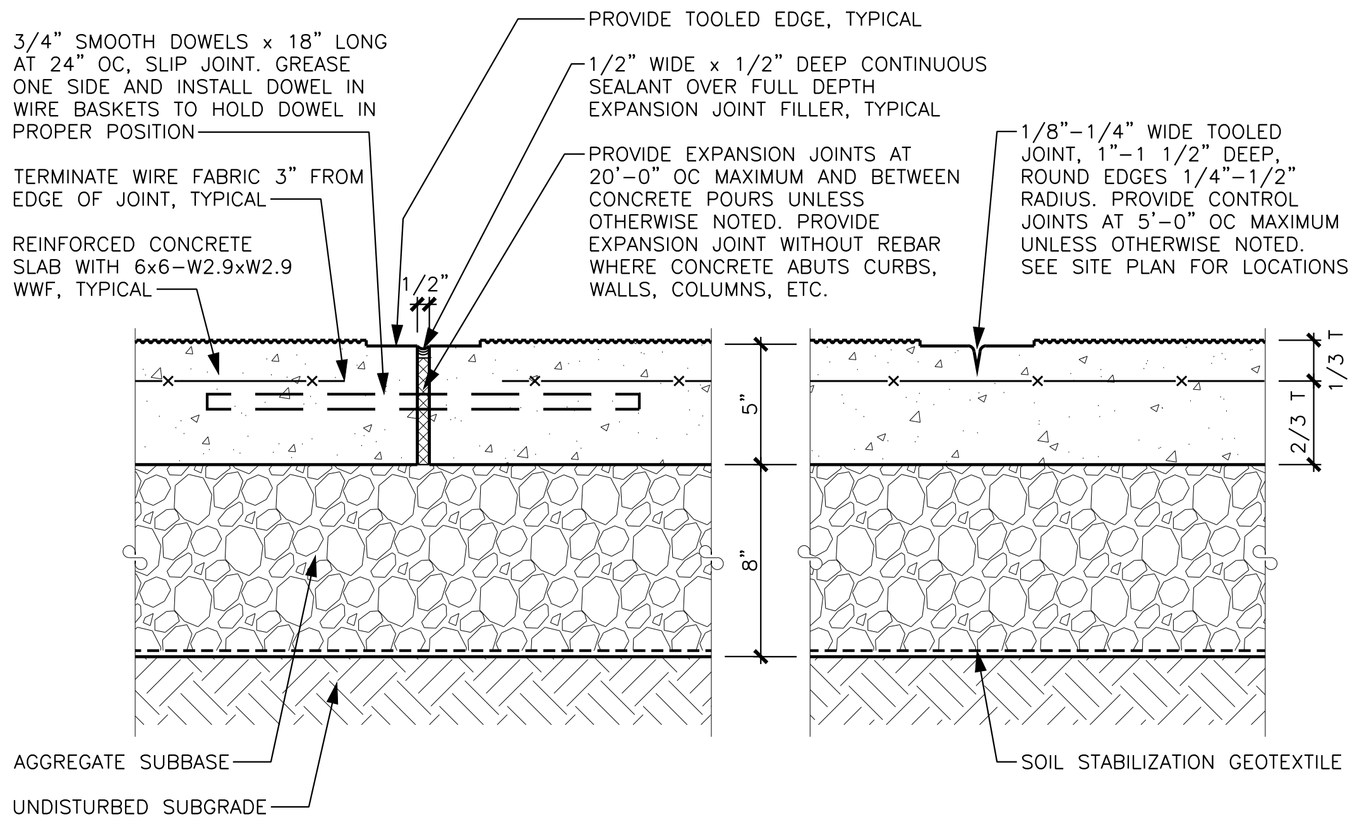
2 CONCRETE WALK EDGE

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


NEW CONCRETE WALK
EXISTING CONCRETE WALK
TERMINATE WIRE FABRIC 3" FROM EDGE OF JOINT, TYPICAL
3/4" SMOOTH DOWELS x 18" LONG AT 24" OC, SLIP JOINT. GREASE DOWEL IN NEW CONCRETE SLAB. DRILL AND GROUT 9" INTO EXISTING SLAB
REINFORCED CONCRETE SLAB, TYPICAL
PROVIDE TOOLED EDGE, TYPICAL
1/2" WIDE x 1/2" DEEP CONTINUOUS SEALANT OVER FULL DEPTH EXPANSION JOINT FILLER, TYPICAL
1/2"
5"
8"
EXISTING SUBBASE AND SUBGRADE
SOIL STABILIZATION GEOTEXTILE
UNDISTURBED SUBGRADE
AGGREGATE SUBBASE

3 CONCRETE WALK NEW/EXISTING

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


3/4" SMOOTH DOWELS x 18" LONG AT 24" OC, SLIP JOINT. GREASE ONE SIDE AND INSTALL DOWEL IN WIRE BASKETS TO HOLD DOWEL IN PROPER POSITION
TERMINATE WIRE FABRIC 3" FROM EDGE OF JOINT, TYPICAL
REINFORCED CONCRETE SLAB WITH 6x6-W2.9xW2.9 WWF, TYPICAL
PROVIDE TOOLED EDGE, TYPICAL
1/2" WIDE x 1/2" DEEP CONTINUOUS SEALANT OVER FULL DEPTH EXPANSION JOINT FILLER, TYPICAL
PROVIDE EXPANSION JOINTS AT 20'-0" OC MAXIMUM AND BETWEEN CONCRETE POURS UNLESS OTHERWISE NOTED. PROVIDE EXPANSION JOINT WITHOUT REBAR WHERE CONCRETE ABUTS CURBS, WALLS, COLUMNS, ETC.
1/8"-1/4" WIDE TOOLED JOINT, 1"-1 1/2" DEEP, ROUND EDGES 1/4"-1/2" RADIUS. PROVIDE CONTROL JOINTS AT 5'-0" OC MAXIMUM UNLESS OTHERWISE NOTED. SEE SITE PLAN FOR LOCATIONS
1/2"
5"
8"
1/3 T
2/3 T
AGGREGATE SUBBASE
UNDISTURBED SUBGRADE
SOIL STABILIZATION GEOTEXTILE

EXPANSION JOINT "EJ" **CONTROL JOINT "CJ"**

4 CONCRETE WALK

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

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Alterations to School District Facilities
Phase Two

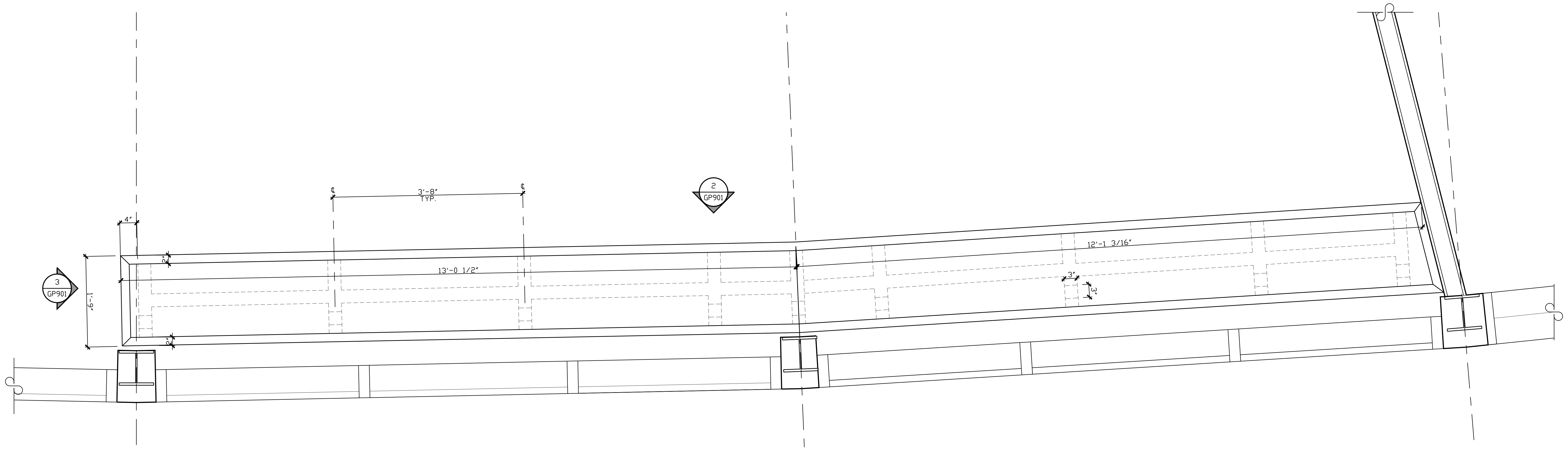
Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

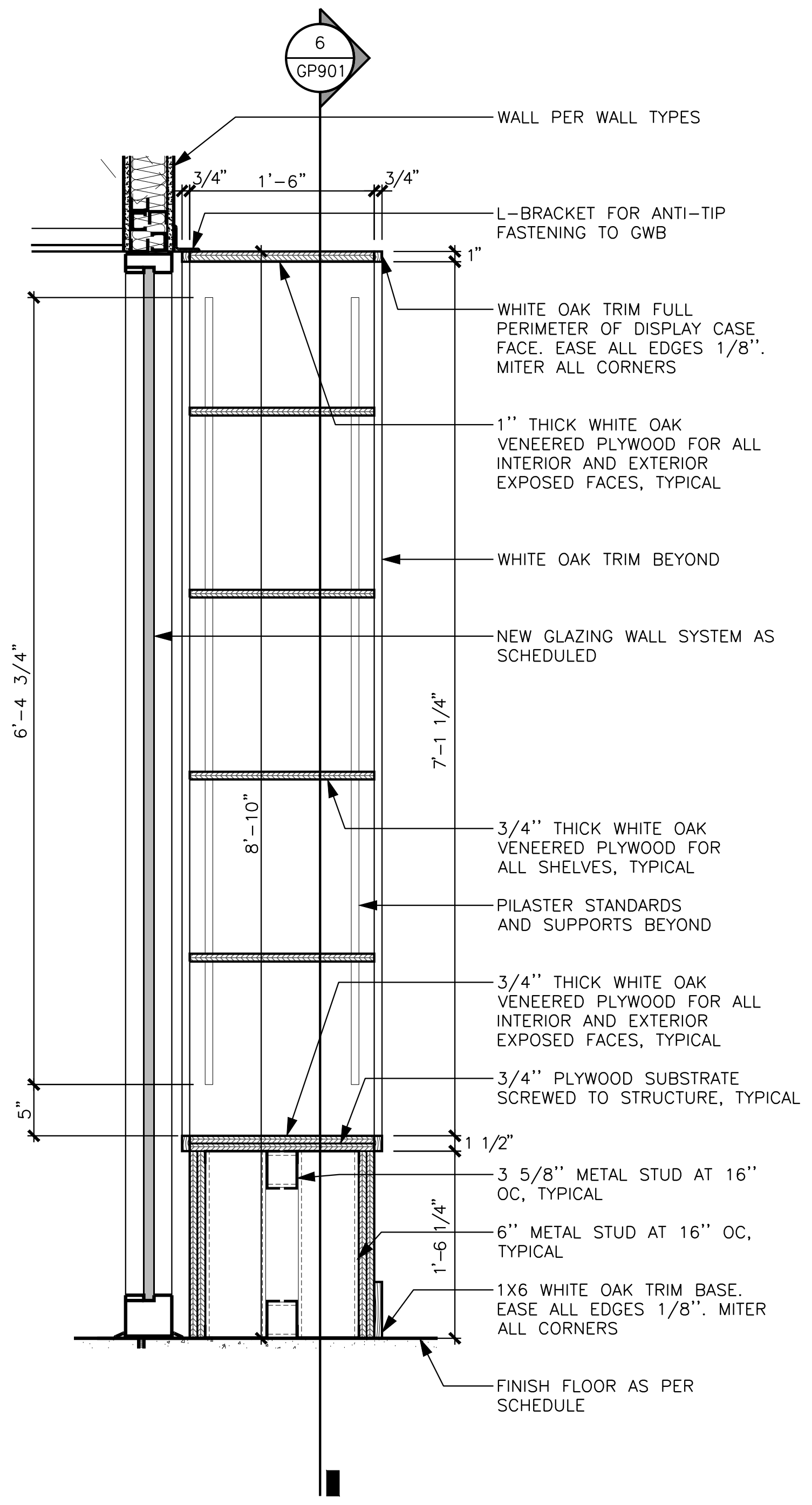
Drawing Title :
CONCRETE SIDEWALK DETAILS

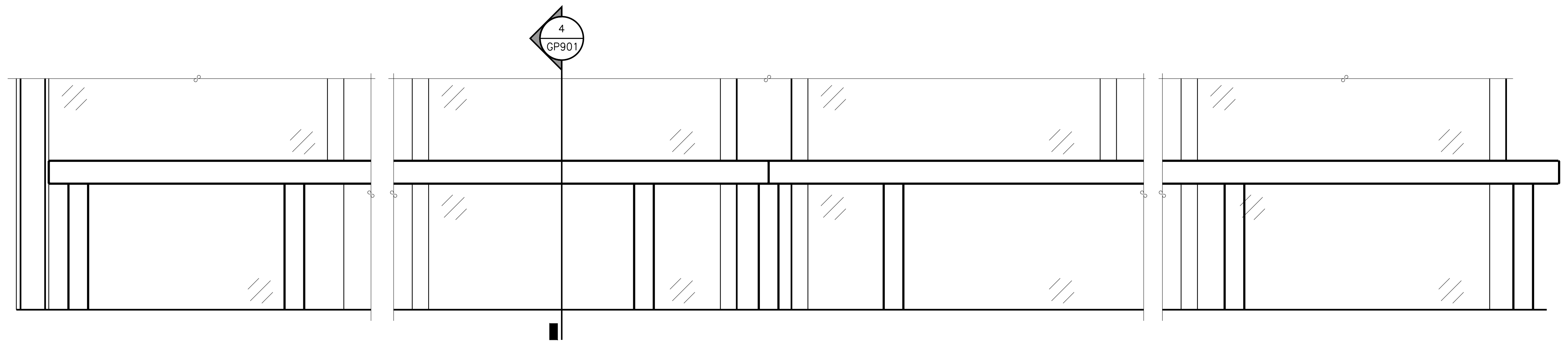
APN : 1901.2
Date : 10/02/2020
Drawn by : JN

Drawing Number :
GP 803

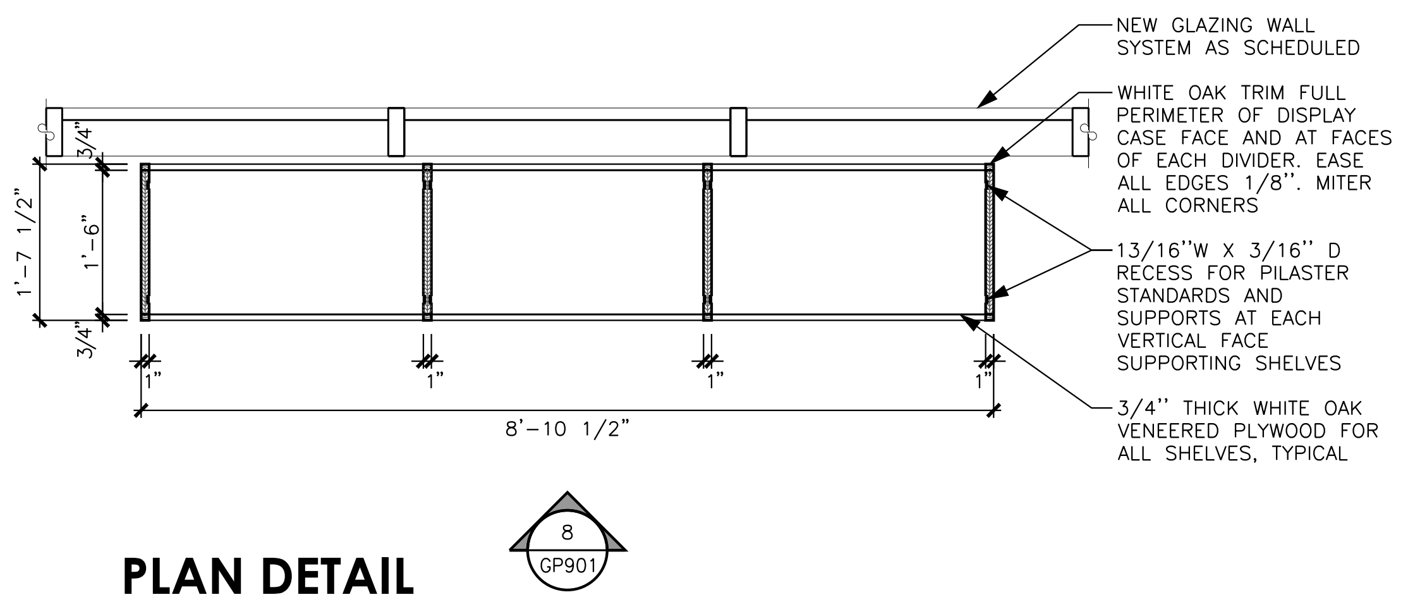


1 PLAN DETAIL AT BENCH
SCALE : 3/4"=1'-0"


6
GP901
WALL PER WALL TYPES
3/4"
1'-6"
3/4"
L-BRACKET FOR ANTI-TIP FASTENING TO GWB
1"
WHITE OAK TRIM FULL PERIMETER OF DISPLAY CASE FACE. EASE ALL EDGES 1/8''. MITER ALL CORNERS
1'' THICK WHITE OAK VENEERED PLYWOOD FOR ALL INTERIOR AND EXTERIOR EXPOSED FACES, TYPICAL
WHITE OAK TRIM BEYOND
NEW GLAZING WALL SYSTEM AS SCHEDULED
6'-4 3/4"
8'-10"
7'-1 1/4"
3/4'' THICK WHITE OAK VENEERED PLYWOOD FOR ALL SHELVES, TYPICAL
PILASTER STANDARDS AND SUPPORTS BEYOND
3/4'' THICK WHITE OAK VENEERED PLYWOOD FOR ALL INTERIOR AND EXTERIOR EXPOSED FACES, TYPICAL
3/4'' PLYWOOD SUBSTRATE SCREWED TO STRUCTURE, TYPICAL
5"
1 1/2"
3 5/8'' METAL STUD AT 16'' OC, TYPICAL
6'' METAL STUD AT 16'' OC, TYPICAL
1'-6 1/4"
1X6 WHITE OAK TRIM BASE. EASE ALL EDGES 1/8''. MITER ALL CORNERS
FINISH FLOOR AS PER SCHEDULE

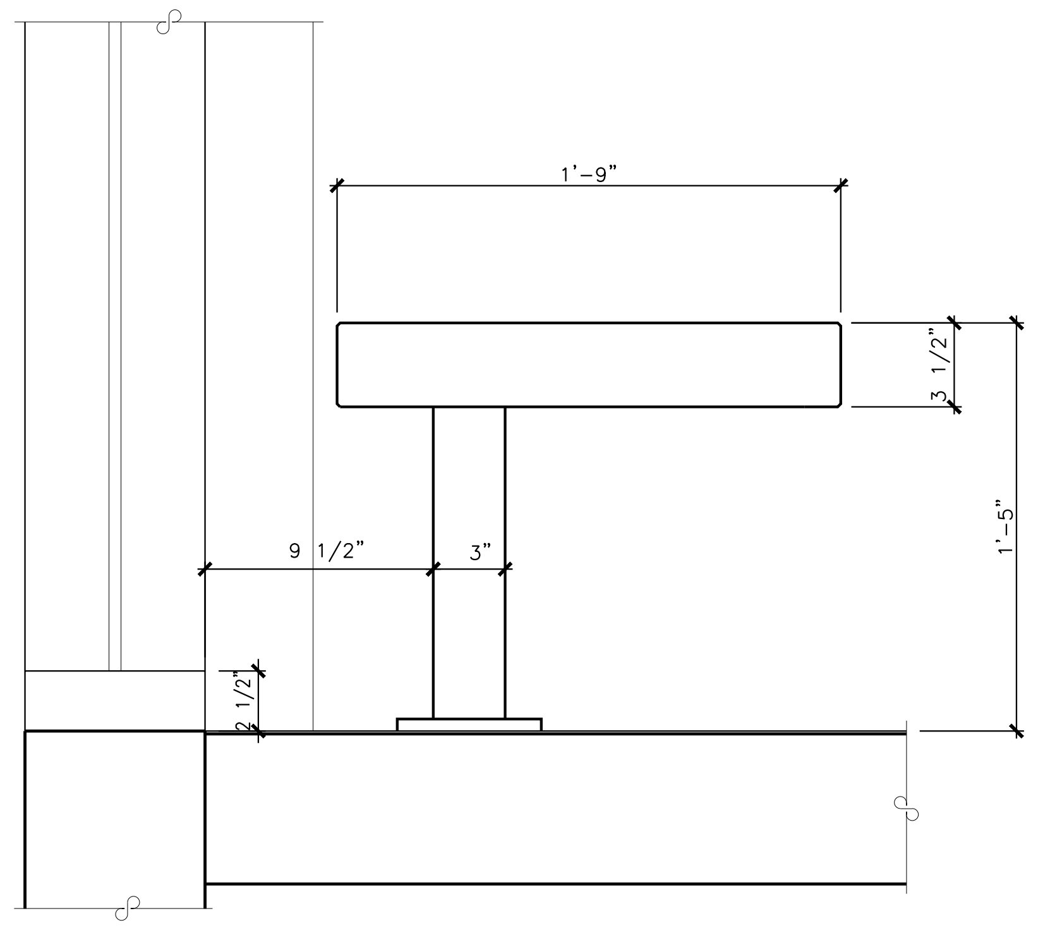


2 ELEVATION DETAIL AT BENCH
SCALE : 3/4"=1'-0"

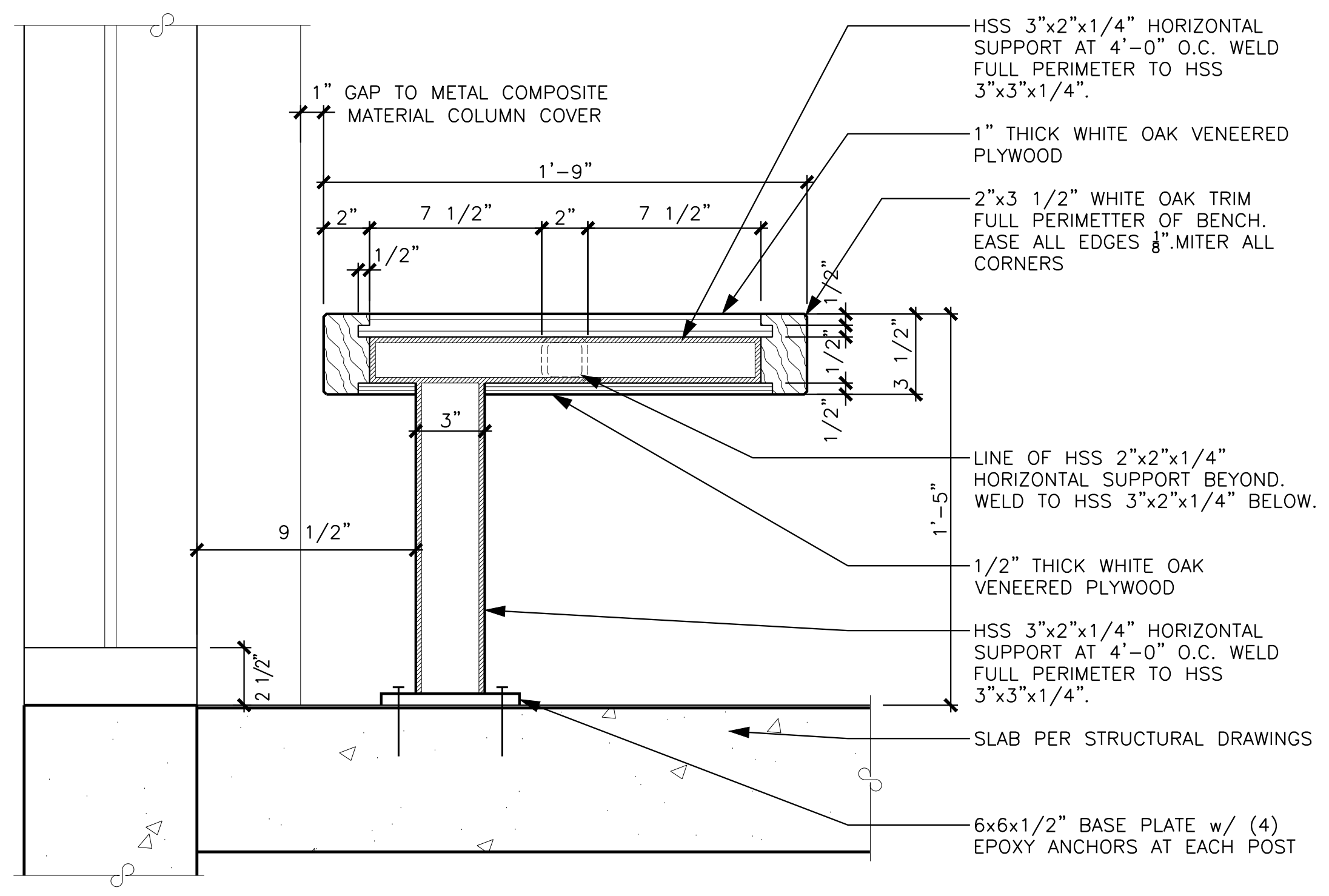

NEW GLAZING WALL SYSTEM AS SCHEDULED
WHITE OAK TRIM FULL PERIMETER OF DISPLAY CASE FACE AND AT FACES OF EACH DIVIDER. EASE ALL EDGES 1/8''. MITER ALL CORNERS
13/16''W X 3/16'' D RECESS FOR PILASTER STANDARDS AND SUPPORTS AT EACH VERTICAL FACE SUPPORTING SHELVES
3/4'' THICK WHITE OAK VENEERED PLYWOOD FOR ALL SHELVES, TYPICAL
3/4"
1'-7 1/2"
1'-6"
3/4"
1"
1"
1"
1"
8'-10 1/2"
8
GP901

5 PLAN DETAIL DISPLAY CASE
SCALE : 1/2"=1'-0"

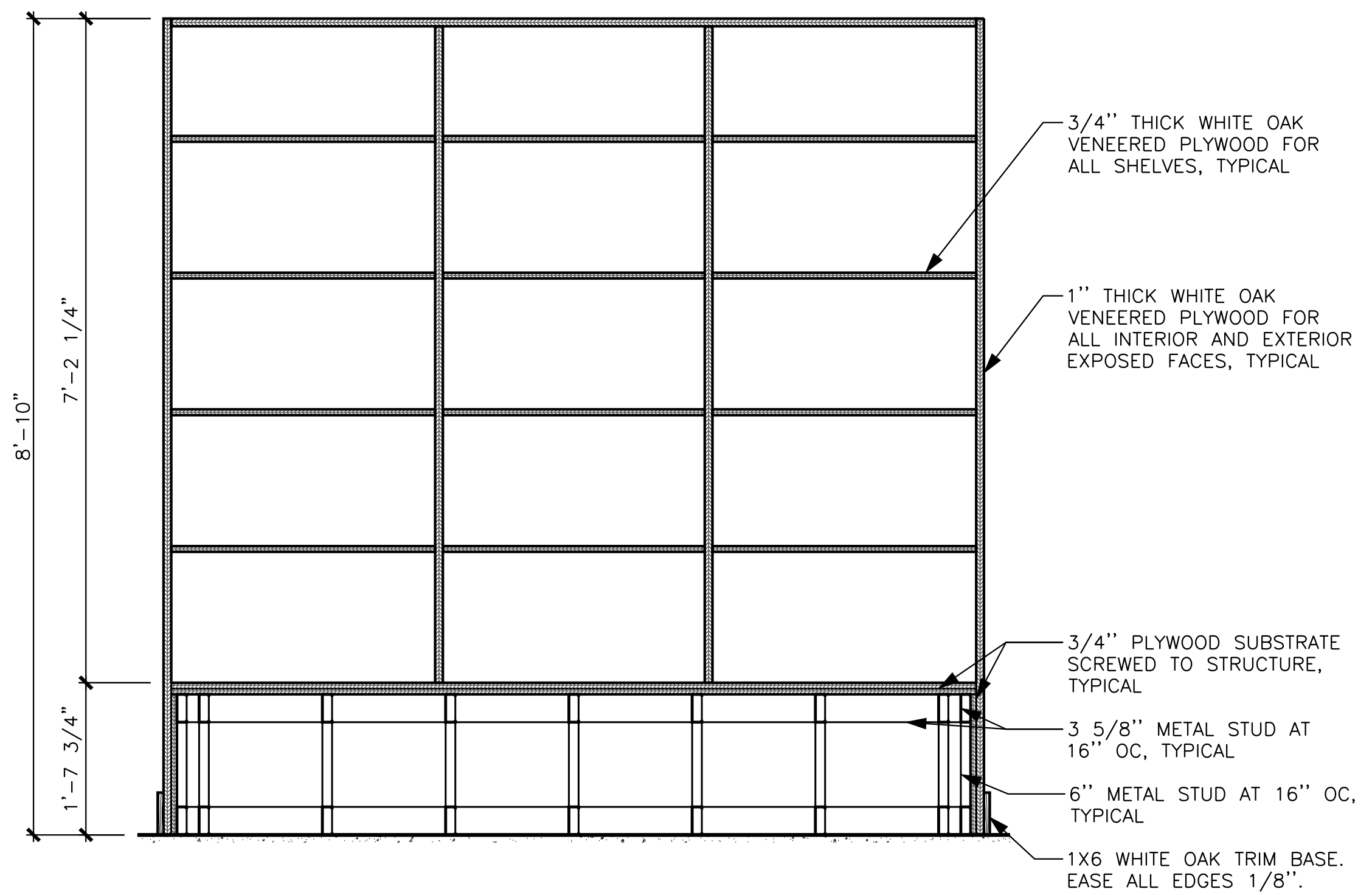
7 SECTION DETAIL DISPLAY CASE
SCALE : 3/4"=1'-0"



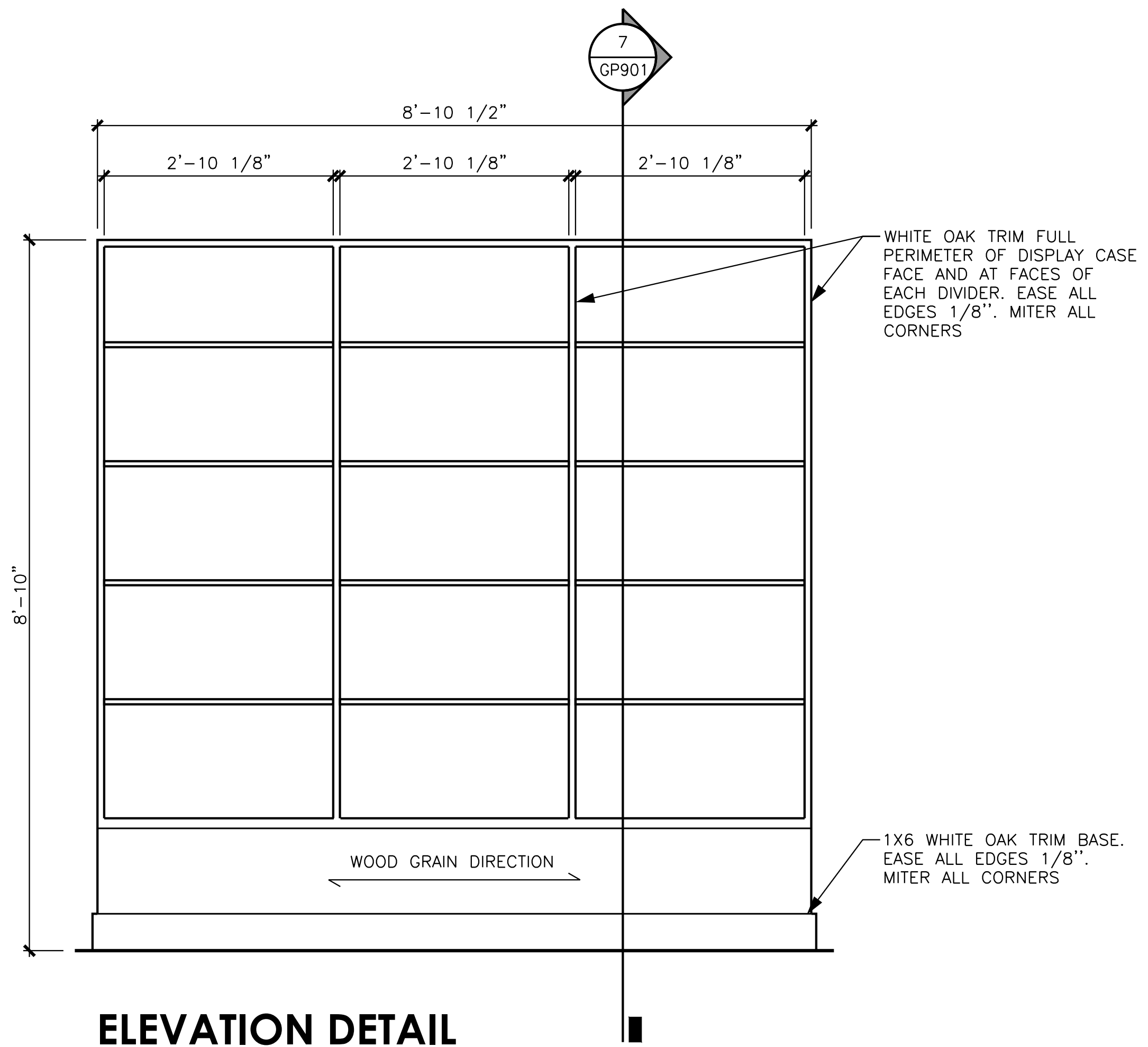
3 ELEVATION DETAIL AT BENCH
SCALE : 1 1/2"=1'-0"


HSS 3"x2"x1/4" HORIZONTAL SUPPORT AT 4'-0" O.C. WELD FULL PERIMETER TO HSS 3"x3"x1/4".
1" GAP TO METAL COMPOSITE MATERIAL COLUMN COVER
1" THICK WHITE OAK VENEERED PLYWOOD
1'-9"
2"
7 1/2"
2"
7 1/2"
1/2"
2"x3 1/2" WHITE OAK TRIM FULL PERIMETTER OF BENCH. EASE ALL EDGES ⅛".MITER ALL CORNERS
1/2"
1/2"
1/2"
1/2"
3 1/2"
3"
LINE OF HSS 2"x2"x1/4" HORIZONTAL SUPPORT BEYOND. WELD TO HSS 3"x2"x1/4" BELOW.
1'-5"
9 1/2"
1/2" THICK WHITE OAK VENEERED PLYWOOD
HSS 3"x2"x1/4" HORIZONTAL SUPPORT AT 4'-0" O.C. WELD FULL PERIMETER TO HSS 3"x3"x1/4".
2 1/2"
SLAB PER STRUCTURAL DRAWINGS
6x6x1/2" BASE PLATE w/ (4) EPOXY ANCHORS AT EACH POST

4 SECTION DETAIL AT BENCH
SCALE : 1 1/2"=1'-0"


3/4'' THICK WHITE OAK VENEERED PLYWOOD FOR ALL SHELVES, TYPICAL
1'' THICK WHITE OAK VENEERED PLYWOOD FOR ALL INTERIOR AND EXTERIOR EXPOSED FACES, TYPICAL
8'-10"
7'-2 1/4"
1'-7 3/4"
3/4'' PLYWOOD SUBSTRATE SCREWED TO STRUCTURE, TYPICAL
3 5/8'' METAL STUD AT 16'' OC, TYPICAL
6'' METAL STUD AT 16'' OC, TYPICAL
1X6 WHITE OAK TRIM BASE. EASE ALL EDGES 1/8''. MITER ALL CORNERS

6 SECTION DETAIL DISPLAY CASE
SCALE : 1/2"=1'-0"


7
GP901
8'-10 1/2"
2'-10 1/8"
2'-10 1/8"
2'-10 1/8"
WHITE OAK TRIM FULL PERIMETER OF DISPLAY CASE FACE AND AT FACES OF EACH DIVIDER. EASE ALL EDGES 1/8''. MITER ALL CORNERS
8'-10"
WOOD GRAIN DIRECTION
1X6 WHITE OAK TRIM BASE. EASE ALL EDGES 1/8''. MITER ALL CORNERS

8 ELEVATION DETAIL DISPLAY CASE
SCALE : 1/2"=1'-0"

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES. ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

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Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
INTERIOR DETAILS

PEEKSKILL HIGH SCHOOL

APN : 1901.2
Date : 10/02/2020
Drawn by : JN, BK

Drawing Number :
GP 901

INSULATION SCHEDULE

SERVICE	TEMP °F	MATERIAL	PIPE DIA / THK'S
DOMESTIC COLD WATER	ALL	GLASS FIBER	1" THICK
DOMESTIC HWS & RECIRC	105-140	GLASS FIBER	<1 1/2" 1" THK 1 1/2" < 2" THK
DOMESTIC HWS & RECIRC	141-200	GLASS FIBER	<1 1/2" 1 1/2" THK 1 1/2" < 2" THK
ROOF DRAIN & PIPING	---	GLASS FIBER	1" ALL SIZES
A/C COND PIPING	---	GLASS FIBER	1" ALL SIZES

REMARKS

1. JACKET MATERIAL FINISH SHALL BE AS SPECIFIED FOR ALL EXPOSED AND CONCEALED APLLICATIONS
2. PROVIDE ZESTON (PVC) COVERS FOR ALL EXPOSED PIPE AND PIPE FITTINGS, OTHER THAN MECHANICAL ROOMS.
3. INSTALL COVER SYSTEM FROM FLOOR TO CEILINGS.

FIXTURE PIPING SCHEDULE

FIXTURE TYPE	CW	HW	SAN	VENT
WATER CLOSET (FV)	1"	———	3"	2"
WATER CLOSET (TANK)	1/2"	———	3"	2"
URINAL	3/4"	———	2"	1 1/2"
LAVATORY	1/2"	1/2"	1 1/2"	1 1/2"
SINK	1/2"	1/2"	1 1/2"	1 1/2"
SERVICE SINK	1/2"	1/2"	2"	1 1/2"
MOP BASIN	1/2"	1/2"	2"	1 1/2"
WATER COOLER	1/2"	———	2"	1 1/2"
DRINKING FOUNTAIN	1/2"	———	2"	1 1/2"
EYE WASH UNIT	1/2"	1/2"	2"	1 1/2"
DELUGE SHOWER	1"	1"	4"	2"
BATH TUB	1/2"	1/2"	2"	1 1/2"
WASHING MACHINE	1/2"	1/2"	2"	1 1/2"
WALL HYDRANT	1/2"	1/2"	———	———
SHOWER	1/2"	1/2"	2"	1 1/2"

GENERAL NOTES - REMOVALS

1. AVOID DEAD ENDS OF 24" LONG OR GREATER WHEN REMOVING SANITARY OR STORM WATER PIPING. PROVIDE SUITABLE PLUG OR CAP ON PIPING TO REMAIN. (INFILL OF THE PIPING WITH CONCRETE OR OTHER MATERIALS SHALL NOT BE ACCEPTABLE)
2. REMOVE ALL COLD WATER, HOT WATER, RE-CIRCULATION PIPING, AS INDICATED ON PLANS. REMOVE ALL PIPING BACK TO BRANCH CONNECTION. PROVIDE TEMPORARY OR PERMANENT CAPPED END ON PIPING. PIPING SHALL NOT BE LEFT OPEN ENDED.
3. WHERE PIPING BELOW GRADE IS TO BE REMOVED. PROVIDE SUITABLE SHORING OF TRENCH WALLS AND DE-WATERING EQUIPMENT AS NECESSARY. TRENCHES SHALL BE PROPERLY SHORED AND DE WATERED THROUGHOUT THE REMOVAL PROCESS.
4. WHERE PIPING IS BEING REMOVED THROUGH AND EXISTING WALL, THE CORE-DRILLED HOLE OR SLEEVE SHALL BE SEALED WITH A SUITABLE METHOD OF SEALING.
5. ALL REMOVAL WORK SHALL BE COORDINATED WITH THE WORK OF THE OTHER TRADES.
6. THROUGHOUT THE REMOVAL PROCESS, IT IS OF PARAMOUNT IMPORTANCE THAT ANY AND ALL SYSTEMS SHALL BE MAINTAINED IN PROPER WORKING ORDER FOR AS LONG AS PRACTICAL.
7. THROUGHOUT THE REMOVAL PROCESS ALL AREAS OF WORK SHALL BE KEPT FREE OF DEBRIS AND IN A CLEAN AND ORDERLY STATE.
8. WHERE VENT TERMINALS AND ROOF DRAINS ARE REMOVED, THE ROOF OPENING SHALL BE PATCHED AND REPAIRED SO THE BUILDING ROOF WILL SHED WATER.
9. WHERE PIPING IS REMOVED THROUGH FIRE RATED CONSTRUCTION THE ABANDONED WALL PENETRATIONS SHALL BE SEALED WITH THE APPROPRIATE FIRE RATED SEALING ELEMENTS.
10. WHERE PIPING TO BE REMOVED IS DISCOVERED TO BE IN AN UNSAFE LOCATION OR IS IN A STATE WHICH MAY POSE A HEALTH CARE RISK, THE ARCHITECT AND THE ENGINEER SHALL BE INFORMED IMMEDIATELY. DIRECTION AS TO HOW TO PROCEED SHALL BE DETERMINED ON A CASE BY CASE BASIS.
11. ALL CUTTING AND PATCHING REQUIRED TO SAFELY AND PROPERLY REMOVE PIPING ETC... SHALL BE PERFORMED BY THIS CONTRACTOR, UNLESS SPECIFICALLY CALLED OUT BY OTHERS.
12. ALL NATURAL GAS AND LIQUEFIED PROPANE SHALL BE REMOVED AS INDICATED, THE PIPING SHALL FIRST BE PURGED OF GAS PER THE REQUIREMENTS OF NFPA 54.

GENERAL NOTES - NEW INSTALLATIONS

1. IN ALL AREAS WHERE PATCHING IS REQUIRED, THE CONTRACTOR SHALL PATCH THE SUBSURFACE WHERE THE NEW SURFACE IS TO BE FINISHED BY THE GENERAL CONTRACTOR. THIS SUBSURFACE MUST BE PROVIDED SO THAT IT DOES NOT INHIBIT THE INSTALLATION OF OR AFFECT THE APPEARANCE OF THE NEW FINISH. IF A NEW FINISH WILL NOT BE PROVIDED BY THE GENERAL CONTRACTOR, THE CONTRACTOR IS RESPONSIBLE TO PATCH TO MATCH THE SURROUNDING SURFACE. (UNLESS NOTED BY THE GENERAL CONTRACTORS PLANS)
2. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE BEFORE PROCEEDING WITH THE WORK. HE SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER FOR CORRECTION PRIOR TO BEGINNING ANY WORK. DISCOVERY OF ANY DISCREPANCIES AFTER WORK HAS COMMENCED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. PROVIDE VALVING, PIPING AND TEMPORARY CONNECTIONS TO EXISTING SYSTEMS AS NECESSARY FOR CONTINUATION OF OPERATIONS.
3. DO NOT SCALE THESE DRAWING FOR EXACT DIMENSIONS, VERIFY ALL FIGURES, CONDITIONS, DIMENSIONS, ETC. AT THE JOB SITE.
4. THE OWNER SHALL HAVE THE OPTION TO RETAIN ANY FIXTURES, CONTROLS, PIPING, AND ACCESSORIES SCHEDULED TO BE REMOVED.
5. ALL EXISTING SYSTEMS NOT IN THE CONSTRUCTION PHASE SHALL REMAIN IN SERVICE. ALL SYSTEM SHUTDOWNS SHALL BE COORDINATED AND OCCUR ONLY WITH THE APPROVAL OF THE FACILITY.
6. SHUTDOWN OF SERVICES SHALL BE COORDINATED AND SCHEDULED WITH THE OWNER AND SHALL ONLY OCCUR WITH THE WRITTEN APPROVAL OF THE FACILITY.
7. THIS CONTRACTOR IS RESPONSIBLE FOR CUTTING AND PATCHING MADE NECESSARY BY HIS WORK. REMOVALS SHALL BE TO BEYOND FINISHED SURFACES TO ALLOW PATCHING AND FINISHING TO MATCH ADJACENT SURFACES.
8. VERIFY LOCATIONS OF NEW WORK REQUIRED FOR CONSTRUCTION WITH EXISTING STRUCTURE AND FIELD CONDITIONS. MODIFY POINTS OF CONNECTION TO EXISTING SYSTEMS AS NECESSARY FOR JOB CONDITIONS. PROVIDE VALVING, PIPING AND TEMPORARY CONNECTIONS TO NEW SYSTEMS AS NECESSARY FOR WORK CONTINUATION.
9. COORDINATE ALL WORK WITH THE FUNCTIONS OF ADJACENT AREAS.
10. PROVIDE SLAB CUTTING AND PATCHING AS NECESSARY TO MAKE CONNECTIONS TO UNDER FLOOR SANITARY PIPING. NECESSARY TO MAKE CONNECTIONS TO UNDER FLOOR SANITARY PIPING. (UNLESS NOTED ON THE GENERAL CONTRACT PLANS)
11. CEILINGS THAT NEED TO BE TEMPORARILY REMOVED TO ALLOW FOR THE INSTALLATION OF PIPING OR EQUIPMENT AND ARE NOT SCHEDULED TO BE REMOVED ON THE ARCHITECTURAL DRAWINGS SHALL BE REMOVED AND REPLACED BY THIS CONTRACTOR. COORDINATE THE REMOVAL AND THE REPLACEMENT WITH THE ELECTRICAL CONTRACTOR AND THE FIRE PROTECTION CONTRACTOR.
12. DO NOT INSTALL ANY PLUMBING WORK ABOVE ELECTRICAL PANELS. DO NOT INSTALL ANY PLUMBING WORK ABOVE OR THROUGH ELEVATOR EQUIPMENT ROOM, UNLESS SPECIFICALLY SERVING EQUIPMENT ROOM.
13. SLEEVE AND SEAL ALL PIPE PENETRATIONS OF WALL AND FLOORS. PACK VOID BETWEEN PIPE AND SLEEVE WITH INSULATION IN NON-RATED WALL AND FLOORS. PACK VOID BETWEEN PIPE AND SLEEVE WITH INSULATION IN FIRE-RATED WALLS AND FLOORS, APPLY INTUMESCENT FIRE SAFING COMPOUND AT PENETRATION, MAINTAINING INTEGRITY AND RATING OF FIRE SEPARATION. SLEEVES THROUGH FLOORS SHALL EXTEND 2" ABOVE FLOOR, BE GROUTED INTO PLACE AND WATERPROOFED. PIPING THROUGH EXTERIOR WALLS SHALL BE SLEEVED AND SEALED WEATHER TIGHT.
14. THIS CONTRACTOR SHALL BE RESPONSIBLE TO HIRE AND PAY AN INDEPENDENT TESTING LABORATORY TESTING AGENCY TO CONDUCT WATER LEAD TESTING FOR ALL NEW PIPING INSTALLED UNDER THIS CONTRACT. PROVIDE TO THE ENGINEER TWO COPIES OF THE FINAL REPORTS ONE FOR THE OWNER AND THE OTHER FOR THE ENGINEER. ALL TESTING SHALL BE IN ACCORDANCE WITH NYSDOH LEAD IN WATER REGULATIONS (10NYCRR 67-4)

PIPING

———	PIPING BEING REMOVED
———	DOMESTIC COLD WATER
———	DOMESTIC HOT WATER
———	DOMESTIC HOT WATER RETURN
—— SAN ——	SANITARY ABOVE FLOOR
—— SAN ——	SANITARY BELOW FLOOR
———	SANITARY VENT
—— ST ——	STORM ABOVE FLOOR
—— ST ——	STORM BELOW FLOOR
—— G ——	NATURAL GAS
—— LPG ——	LIQUIFIED PETROLEUM GAS
—— CD ——	CONDENSATE DRAIN
—— A ——	COMPRESSED AIR
—— AW ——	ACID WASTE ABOVE FLOOR
—— AW ——	ACID WASTE BELOW FLOOR
—— AV ——	ACID VENT

DRAINAGE

⊞	FLOOR DRAIN
⊕	ROOF DRAIN
⊗	FLOOR CLEANOUT
⊠	GRADE CLEANOUT
◑	VENT THOUGH ROOF
[	PIPE CAPPED END
◠	ELBOW DOWN
○	TEE DOWN
=	CONNECTION
○	BASE CLEANOUT
——‖	END OF LINE CLEANOUT
—)—(—	RUNNING TRAP
○	SUMP PUMP

VALVES

●	BALL VALVE
⋈	GATE VALVE
⋈	OS & Y GATE VALVE
▽	BALANCING VALVE
▼	PLUG VALVE
⋈	SOLENOID VALVE
⋈	CHECK VALVE
‖	BUTTERFLY / WAFER VALVE
⋈	PRESSURE REDUCING VALVE
○	GAS TURRET (COUNTER MTD)

FITTINGS

◆	SHOCK ARRESTOR
⊢⊣	STRAINER
—+<	FREEZE PROOF WALL HYDRANT
—<	HOSE BIBB
▽	HOSE BIBB ANGLED
○	PRIMER VALVE
‖	UNION
▽	REDUCER
⊘	PRESSURE GAUGE
A	AQUASTAT CONTROLLER
⊟	THERMOSTAT

ABBREVIATIONS

AC	AIR CHAMBER
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AP	ACCESS PANEL
BCO	BASE CLEANOUT
BF	BELOW FLOOR
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PROTECTOR
CI	CAST IRON
CLG	CEILING
CO	CLEAN OUT
COND	CONDUCTOR
CT	COUNTER TOP
CW	COLD WATER
CTE	CONNECT TO EXISTING
CI	CAST IRON
CONC	CONCRETE
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RETURN
DPCO	DECK PLATE CLEANOUT
DWG	DRAWING
ECO	END OF LINE CLEANOUT
EWC	ELECTRIC WATER COOLER
EXR	EXISTING TO REMAIN
FAI	FRESH AIR INLET
FCO	FLUSH FLOOR CLEANOUT
FD	FLOOR DRAIN
FLR	FLOOR
FF	FINISH FLOOR
FFE	FINISHED FLOOR ELEVATION
G	GAS
GA	GAUGE
GC	GENERAL CONTRACTOR
HB	HOSE BIBB
HW	HOT WATER
HWR	HOT WATER RE-CIRCULATION
INV EL	INVERT ELEVATION
IW	INDIRECT WASTE
LAV	LAVATORY
LDR	LEADER
LPG	LIQUIFIED PETROLEUM GAS
MAX	MAXIMUM
MB	MOP BASIN
MC	MECHANICAL CONTRACTOR
MFR	MANUFACTURER
MH	MAN HOLE
MIN	MINIMUM
OS&Y	OUTSIDE SPINDLE & YOKE
O2	OXYGEN
PC	PLUMBING CONTRACTOR
PG	PRESSURE GAUGE
PRV	PRESSURE REDUCING VALVE
PS	PRESSURE SWITCH
PSI	POUNDS PER SQ IN
PO	PLUGGED OUTLET
RD	ROOF DRAIN
RPZ	REDUCED PRESSURE ZONE
SA	SHOCK ARRESTOR
SAN	SANITARY
SH	SHOWER
SK	SINK
SS	STAINLESS STEEL
ST	STRAINER
TEMP	TEMPERATURE
TYP	TYPICAL
UR	URINAL
VA	VALVE
V	VENT
VCT	VITRIFIED CLAY TILE
VIF	VERIFY IN FIELD
VTR	VENT THRU ROOF
W	WASTE
W&V	WASTE & VENT
WC	WATER CLOSET
WCO	WALL CLEANOUT
WF	WASH FOUNTAIN
WHA	WATER HAMMER ARRESTOR

GENERAL

◐	REMOVE / CONNECT TO
①	REMOVAL NOTE TAG
⬡1	INSTALLATION NOTE TAG
≀	PIPING BREAK
——∿——	EDGE BREAK LINE
♿	ADA FIXTURE

PLUMBING FIXTURE SCHEDULE

TAG	ITEM	MANUFACTURER & MODEL	WASTE	VENT	CW	HW	FITTINGS/ACCESSORIES OR DESIGN DATA	ITEM DESCRIPTION
WC-1	WALL MOUNTED WATER CLOSET	KOHLER ANGLESEY K-4388-0	4"	2"	1"	NA	SLOAN ROYAL MODEL 111-1.28 FLUSH VALVE, PROVIDE KOHLER GASKET KIT & CHURCH 5321.112 SEAT	VITREOUS CHINA, WATER SAVER 1.28 GPF, ELONGATED BOWL, MEETS ASME A112.19.2.
WC-2	WALL MOUNTED WATER CLOSET ADA	KOHLER ANGLESEY K-4352-L	4"	2"	1"	NA	SLOAN ROYAL MODEL 111-1.28 FLUSH VALVE, PROVIDE KOHLER GASKET KIT & CHURCH 5321.112 SEAT	VITREOUS CHINA, WATER SAVER 1.28 GPF, SIPHON JET ACTION, ELONGATED BOWL, MEETS ASME A112.19.2. ADA COMPLIANT
L-1	WALL-HUNG LAVATORY	KOHLER K-2007	1-1/2"	1-1/2"	1/2"	1/2"	CHICAGO FAUCET 3600-E39VPAB 4" CTR FAUCET, ZURN ZR-1231 CARRIER, KOHLER 8820 STRAINER TAILPIECE,MCGUIRE 8902,8820 WASTE OUTLET AND SUPPLY KITS	VITREOUS CHINA, REAR OVERFLOW, 3 HOLE 4" CENTERS, 1-1/4" P-TRAP, PROVIDE WITH ASSE 1070 VALVE
L-2	ADA WALL-HUNG LAVATORY	KOHLER K-2007 ADA	1-1/2"	1-1/2"	1/2"	1/2"	CHICAGO FAUCET 3600-E39VPAB 4" CTR FAUCET, ZURN ZR-1231 CARRIER, KOHLER 8820 STRAINER TAILPIECE,MCGUIRE 8902,8820 WASTE OUTLET AND SUPPLY KITS	VITREOUS CHINA, REAR OVERFLOW, 3 HOLE 4" CENTERS, 1-1/4" OFFSET ADA P-TRAP, TRUE BRO HANDI LAV GARD INSULATION KIT PROVIDE WITH ASSE 1070 VALVE
EW-1	EYE WASH UNIT	BRADLEY S19224DCRPT	1-1/2"	1-1/2"	1/2"	1/2"	EYE WASH PLASTIC BOWL AND SHOWERHEAD	PROVIDE NAVIGATOR S19-2000 EXF8 EMERGENCY THERMOSTATIC MIXING VALVE
S-1	STAINLESS STEEL STUDENT DROP IN SINK	JUST SL-2125-GR 21' X 25" X 10" DEEP	1 1/2"	1-1/2"	1/2"	1/2"	CHICAGO FAUCET FITTING NUMBER 1100-GN8BVBE2-2CP,8" CENTERS DECK MOUNTED 8" RIGID/SWING GOOSENECK SPOUT WITH VACUUM BREAKER 3/4" HOSE THREAD MALE ADAPTER OUTLET, VANDAL PROOF 2" CANOPY SINGLE - WING HANDLE NSF 61 CERTIFIED	PROVIDE MCGUIRE LF2165LK LEAD FREE LAVATORY SUPPLY KIT 12" FLEX CHROME PLATED RISERS. LOOSE KEY ANGLE STOPS AND ESCUTCHEON PLATES. PROVIDE MCGUIRE
S-1A	STAINLESS STEEL STUDENT DROP IN SINK ADA	JUST SL-2125-A-GR 21' X 25" X 6" DEEP	1 1/2"	1 1/2"	1/2"	1/2"	CHICAGO FAUCET FITTING NUMBER 1100-GN8BVBE2-2CP,8" CENTERS DECK MOUNTED 8" RIGID/SWING GOOSENECK SPOUT WITH VACUUM BREAKER 3/4" HOSE THREAD MALE ADAPTER OUTLET, 317 WRIST BLADE HANDLES NSF 61 CERTIFIED	PROVIDE MCGUIRE LF2165LK LEAD FREE LAVATORY SUPPLY KIT 12" FLEX CHROME PLATED RISERS. LOOSE KEY ANGLE STOPS AND ESCUTCHEON PLATES. MCGUIRE PW1152WC OFFSET SINK 152 BRASS WIDE TOP STRAINER 1 1/2" X 1 1/2" ADJUSTABLE TRAP
S-2	STAINLESS STEEL STUDENT DROP IN SINK ART ROOM SINK	JUST STYLIST GROUP A SINGLE BOWL EXTRA DEEP SLX-2019-GR 10 1/2" DEEP	1 1/2"	1 1/2"	1/2"	1/2"	CHICAGO FAUCET FITTING NUMBER 1100-GN8BVBE2-2CP,8" CENTERS DECK MOUNTED 8" RIGID/SWING GOOSENECK SPOUT WITH VACUUM BREAKER 3/4" HOSE THREAD MALE ADAPTER OUTLET, VANDAL PROOF 2" CANOPY SINGLE - WING HANDLE NSF 61 CERTIFIED	PROVIDE MCGUIRE LF2165LK LEAD FREE LAVATORY SUPPLY KIT 12" FLEX CHROME PLATED RISERS. LOOSE KEY ANGLE STOPS AND ESCUTCHEON PLATES. ZURN Z-1180 ACID RESISTING COMPOSITE SOLID INTERCEPTOR 1 1/2" INLET-OUTLET
S-2A	STAINLESS STEEL STUDENT DROP IN SINK ART ROOM SINK ADA	JUST STYLIST GROUP A SINGLE BOWL EXTRA DEEP SLX-2019-A-GR 6" DEEP	1 1/2"	1 1/2"	1/2"	1/2"	CHICAGO FAUCET FITTING NUMBER 1100-GN8BVBE2-2CP,8" CENTERS DECK MOUNTED 8" RIGID/SWING GOOSENECK SPOUT WITH VACUUM BREAKER 3/4" HOSE THREAD MALE ADAPTER OUTLET, 317 WRIST BLADE HANDLES NSF 61 CERTIFIED	PROVIDE MCGUIRE LF2165LK LEAD FREE LAVATORY SUPPLY KIT 12" FLEX CHROME PLATED RISERS. LOOSE KEY ANGLE STOPS AND ESCUTCHEON PLATES. PIPE DRAIN TO SEDIMENT TRAP SPECIFIED UNDER S-2
S-3	STAINLESS STEEL STUDENT DROP IN SINK	JUST STYLIST GROUP A SINGLE BOWL EXTRA DEEP SLX-2019-A-GR 10 1/2" DEEP	1 1/2"	1 1/2"	1/2"	1/2"	CHICAGO FAUCET FITTING NUMBER 1100-GN8BVBE2-2CP,8" CENTERS DECK MOUNTED 8" RIGID/SWING GOOSENECK SPOUT WITH VACUUM BREAKER 3/4" HOSE THREAD MALE ADAPTER OUTLET, VANDAL PROOF 2" CANOPY SINGLE - WING HANDLE NSF 61 CERTIFIED	PROVIDE MCGUIRE LF2165LK LEAD FREE LAVATORY SUPPLY KIT 12" FLEX CHROME PLATED RISERS. LOOSE KEY ANGLE STOPS AND ESCUTCHEON PLATES. MCGUIRE V8912CNC 1 1/2" X 1 1/2" ADJUSTABLE TRAP
S-3A	STAINLESS STEEL STUDENT DROP IN SINK ADA	JUST STYLIST GROUP A SINGLE BOWL EXTRA DEEP SLX-2019-A-GR 6" DEEP	1 1/2"	1 1/2"	1/2"	1/2"	CHICAGO FAUCET FITTING NUMBER 1100-GN8BVBE2-2CP,8" CENTERS DECK MOUNTED 8" RIGID/SWING GOOSENECK SPOUT WITH VACUUM BREAKER 3/4" HOSE THREAD MALE ADAPTER OUTLET, 317 WRIST BLADE HANDLES NSF 61 CERTIFIED	PROVIDE MCGUIRE LF2165LK LEAD FREE LAVATORY SUPPLY KIT 12" FLEX CHROME PLATED RISERS. LOOSE KEY ANGLE STOPS AND ESCUTCHEON PLATES. MCGUIRE PW1152WC OFFSET SINK 152 BRASS WIDE TOP STRAINER 1 1/2" X 1 1/2" ADJUSTABLE TRAP
EWC-1	WALL MOUNTED BI-LEVEL WATER COOLER W/BOTTLE FILLER	ELKAY EZH20 EZ00TL8WSLK	1 1/2"	1 1/2"	1/2"	NA	WALL MOUNTED BI-LEVEL ADA COMPLIANT WITH BOTTLE FILLER, HANDS FREE ACTIVATION REFRIGERATED UNIT	PROVIDE STOP SUPPLY RISER AND P-TRAP ASSEMBLY

NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR LEFT-HAND OR RIGHT-HAND FIXTURES. ADA STANDARDS, FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.
2. FIXTURE COLORS ARE TO BE WHITE UNLESS OTHERWISE DIRECTED BY ARCHITECT.
3. FOR ADA SINKS AND LAVATORIES; ON EXPOSED TRIM PROVIDE WHITE MOLDED CLOSED CELL VINYL INSULATION KIT FOR P-TRAP AND ANGLE VALVE ASSEMBLIES, TRUEBRO, INC. "HANDI LAV-GUARD"; OR APPROVED EQUAL.
4. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL PLUMBING ACCESSORIES.

PLUMBING PIPING SPECIALTIES SCHEDULE

TAG	ITEM	MANUFACTURER & MODEL	WASTE	VENT	CW	HW	FITTINGS/ACCESSORIES OR DESIGN DATA	ITEM DESCRIPTION
FD-1	FLOOR DRAIN	ZURN ZN415BZ-AR	SEE PLAN	SEE PLAN	NA	NA	PROVIDE P-TRAP WITH Z1072 Z SHIELD BARRIER TRAP SEAL DEVICE.	DURA COATED CAST IRON BODY -AR ACID RESISTING EPOXY COATED, BOTTOM OUTLET, MEMBRANE CLAMP ADJUSTABLE COLLAR, WEEP HOLES NICKEL BRONZE STRAINER
FCO-1	FLOOR CLEANOUT	ZURN Z 1400 LEVEL TROL WITH ROUND COVER	SEE PLAN	NA	NA	NA	PROVIDE ZN DURA COATED NICKEL BRONZE TOP	ADJUSTABLE FLOOR CLEANOUT WITH ROUND COVER
WH-1	NON-FREEZE HOSE BIBB	ZURN Z-1310 ECOLOTROL WALL HYDRANT	NA	NA	3/4"	NA	PROVIDE MODEL TO ACCOMMODATE WALL THICKNESS	NON-FREEZE, INTEGRAL BACKFLOW PREVENTER , AUTO DRAIN FEATURE, LOOSE KEY OPERATING KEY.

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Drawing Number :
**PP
001**

Drawing Title :
SYMBOLS, ABBREVIATIONS
SCHEDULES & NOTES

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DAR

Revision :
ISSUED FOR BID
2/01/2021

**Alterations to School District Facilities
Phase Two**

Peekskill City School District
Peekskill, New York

Seal

Consultant

Engineered Solutions
646 Plank Road #104
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MOSAIC
ASSOCIATES
Mosaic Associates Architects
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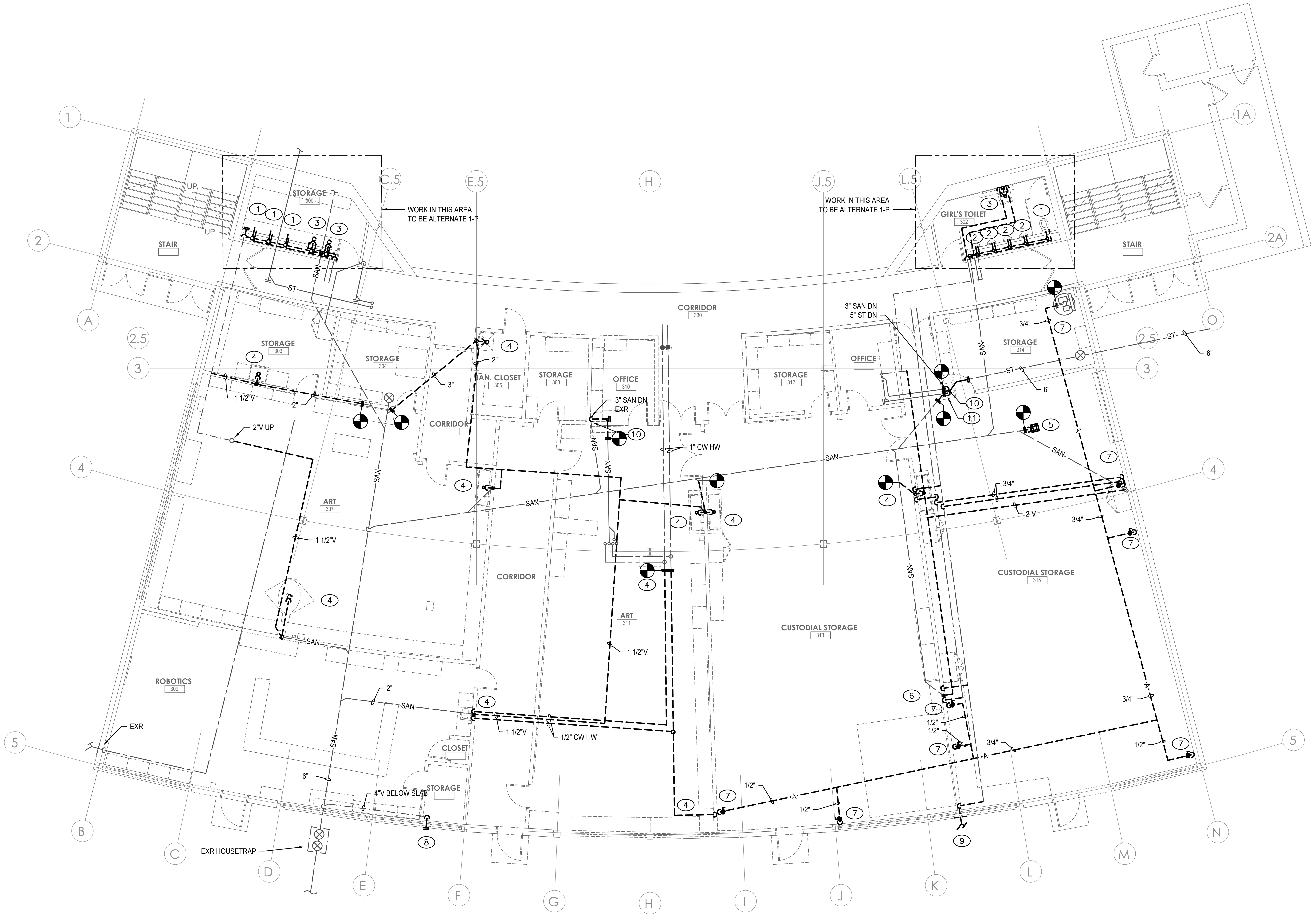
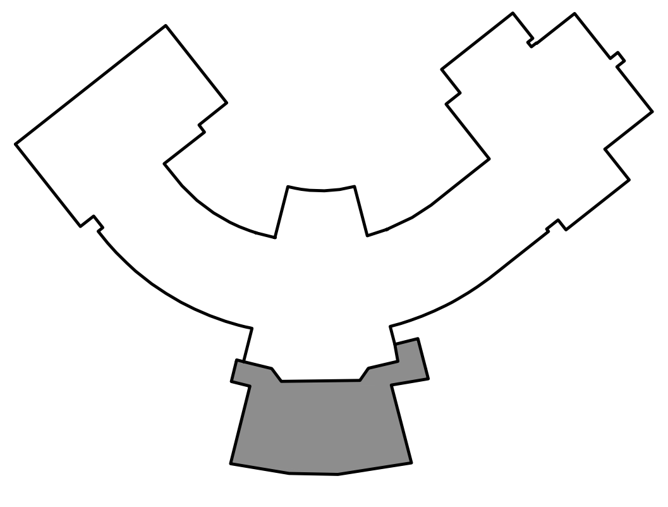


1 LOWER LEVEL PLAN

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

REMOVAL NOTES:

1. REMOVE WATER CLOSET, FLUSH VALVE, SEAT. REMOVE ALL ASSOCIATED PIPING WITHIN CHASE.
2. REMOVE URINAL, FLUSH VALVE, REMOVE ALL ASSOCIATED PIPING WITHIN CHASE.
3. REMOVE LAVATORY, FAUCET, DRAIN STOPS AND SUPPLIES. REMOVE ALL ASSOCIATED PIPING WITHIN CHASE
4. REMOVE SINK, FAUCET. REMOVE DRAIN AND VENT PIPING. REMOVE SUPPLY PIPING.
5. REMOVE FLOOR DRAIN. REMOVE DRAINAGE PIPING AS INDICATED.
6. REMOVE DRAIN, VENT, AND SUPPLIES FROM SINK ROUGHING. REMOVE ALL IN WALL BEING DEMOLISHED.
7. REMOVE COMPRESSED AIR PIPING, REMOVE DROP ON WALL. REMOVE ASSOCIATED HANGERS ETC... THE AIR COMPRESSOR SHALL REMAIN.
8. REMOVE THE 4" F.A.I. FROM THE WALL BEING DEMOLISHED. CAP PIPE BELOW GRADE (TEMPORARY) SEE NEW PLANS FOR NEW 4" F.A.I. REQUIREMENTS.
9. REMOVE WALL HYDRANT AND ASSOCIATED PIPING.
10. REMOVE THE SANITARY LINE WITHIN THE CHASE AS SHOWN. SEE NEW PLAN FOR NEW PIPING REQUIRED.
11. REMOVE THE STORM LINE WITHIN THE CHASE AS SHOWN. SEE NEW PLAN FOR NEW PIPING REQUIRED.



KEY PLAN

NO SCALE

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Seal

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES. ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

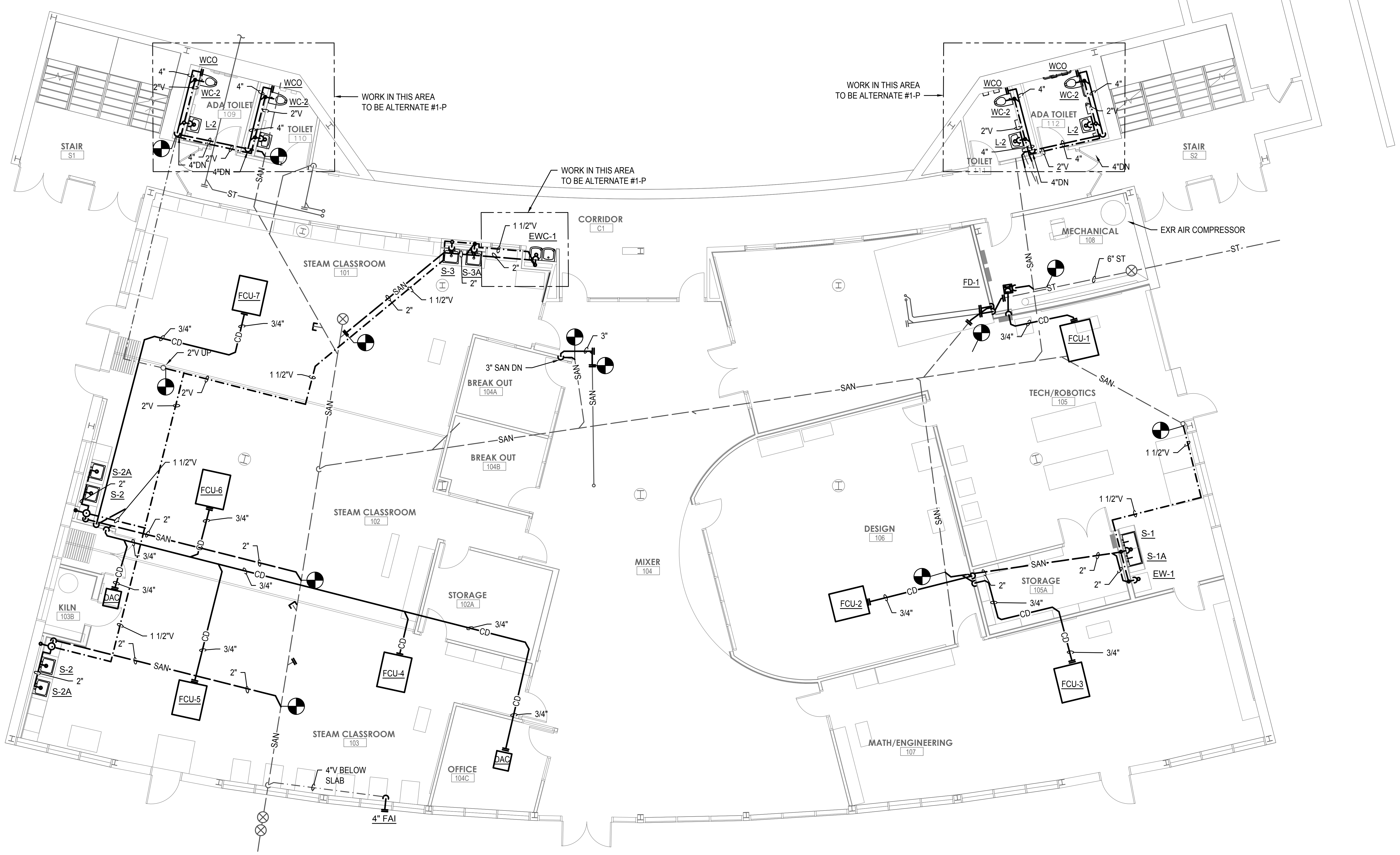
Drawing Title :
LOWER LEVEL
REMOVAL PLAN

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DAR

Drawing Number :

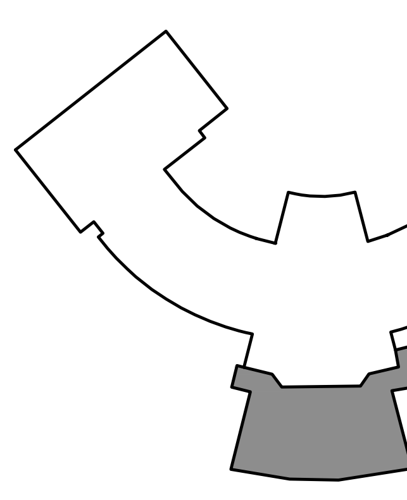
PP
201



1 LOWER LEVEL PLAN

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

N



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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

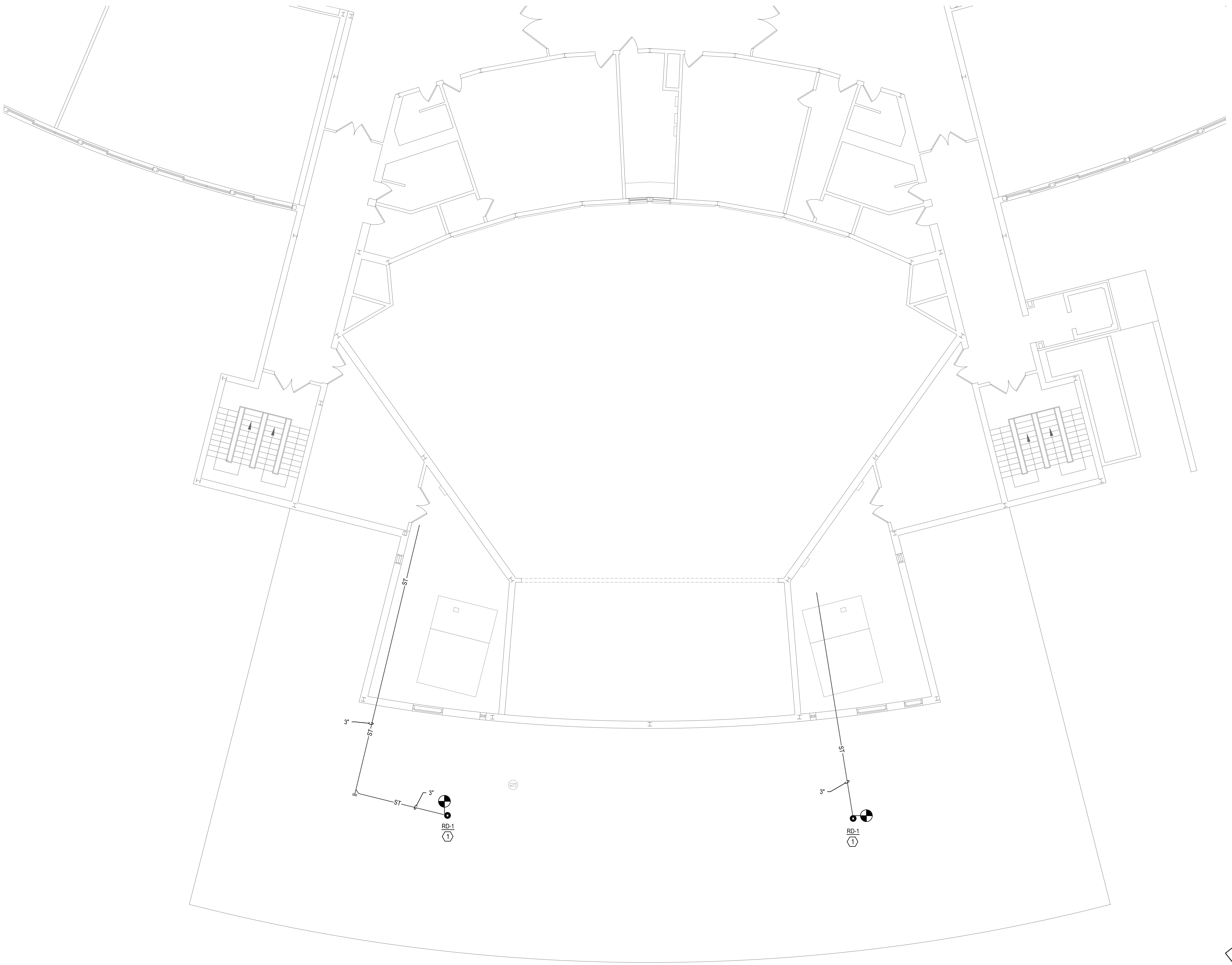
Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
LOWER LEVEL
DRAINAGE PLAN

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DAR

Drawing Number :
PP 301



1 LOWER LEVEL PLAN

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

N

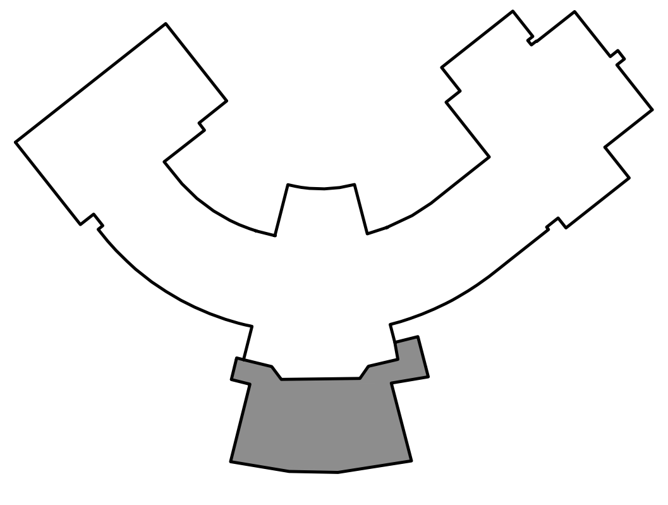
DRAWING NOTES: ⬡

1. DISCONNECT THE ROOF DRAIN FROM THE EXISTING STORM PIPING TO ALLOW FOR THE G.C. TO REMOVE THE DRAIN. THE P.C. SHALL FURNISH A NEW ROOF DRAIN RD-1 TO THE G.C. TO INSTALL IN THE ROOF. THE P.C. SHALL CONNECT THE NEW ROOF DRAIN INTO THE EXISTING STORM LEADER. INSPECT THE EXISTING STORM PIPING FOR LEAKS AND REPAIR ANY LEAKS FOUND.

MATERIALS:

RD-1: ZURN #100 ERC-GD ROOF DRAIN DURA-COATED CAST IRON BODY WITH EXTENSION ROOF SUMP RECEIVER UNDERDECK CLAMP, MEMBRANE FLASHING CLAMP/GRAVEL GUARD, LOW SILHOUETTE POLY -DOME. PROVIDE ADJUSTABLE AND OR STATIC EXTENSIONS TO ALLOW FOR ROOF INSULATION THICKNESS'S COORDINATE WITH ROOFING SYSTEM. FURNISH TO GC FOR INSTALLATION.

ALL WORK ON THIS SHEET SHALL BE A PART OF ALTERNATE #2-P



KEY PLAN

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
ROOF
DRAINAGE PLAN

HIGH SCHOOL

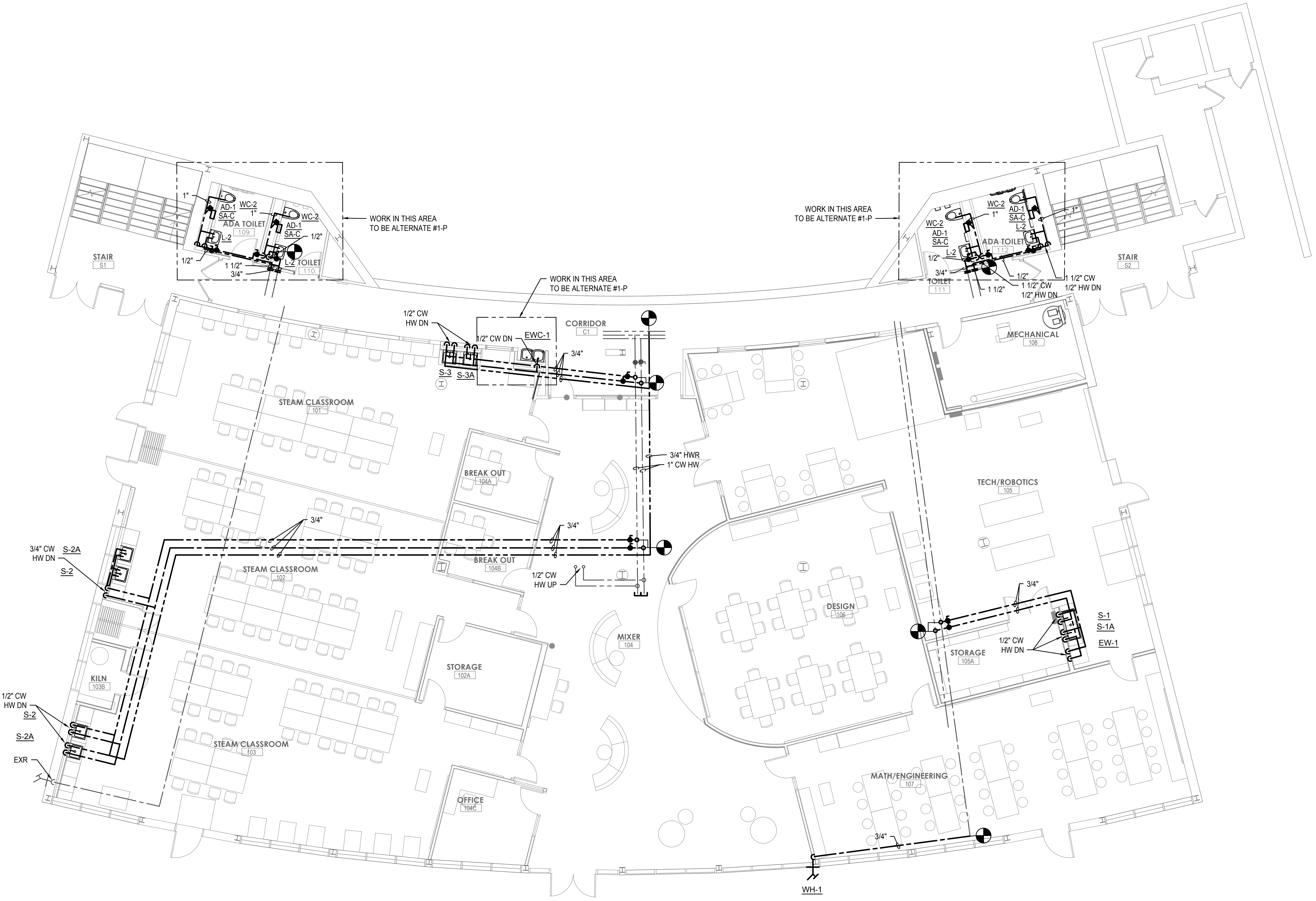
APN : 1901.2

Date : October 2, 2020

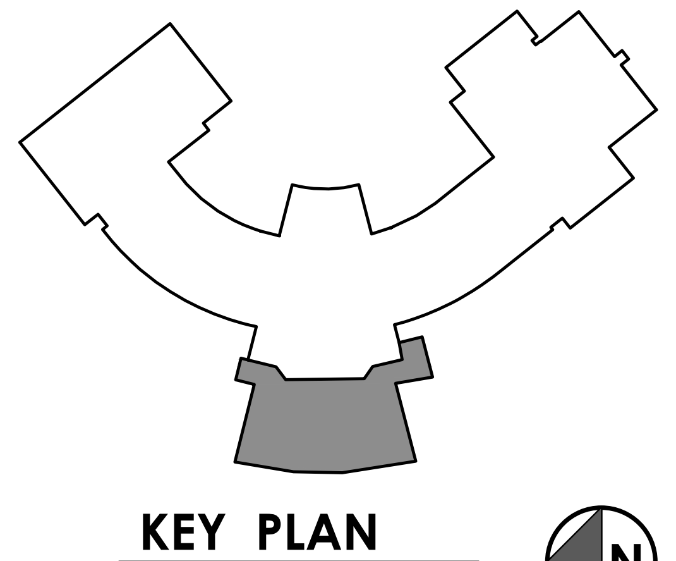
Drawn by : DAR

Drawing Number :

PP 302



① **LOWER LEVEL PLAN**
SCALE: 1/8" = 1'-0"



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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
LOWER LEVEL
SUPPLY PLAN

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DAR

Drawing Number :
PP 401

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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GENERAL NOTES - REMOVALS

A. ALL WORK IS SHOWN DIAGRAMMATIC, AND ACTUAL SITE CONDITIONS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK.

B. REMOVE ALL EQUIPMENT, PIPING, AND DUCTWORK SHOWN DASHED.

C. THIS CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED TO COMPLETE THIS WORK UNLESS OTHERWISE NOTED. ALL PATCHING AND PAINTING MUST EXACTLY MATCH EXISTING CONDITIONS.

D. EVERY EFFORT HAS BEEN MADE TO INDICATE ALL EQUIPMENT THAT IS BEING REMOVED THROUGH EXISTING DRAWINGS AND FIELD OBSERVATIONS, HOWEVER THE CONTRACTOR IS TO VISIT THE SITE PRIOR TO BIDDING AND VERIFY ALL REMOVALS, SOME DIFFERENCES MAY OCCUR.

E. THIS CONTRACTOR SHALL FIELD VERIFY ALL EXISTING EQUIPMENT AND PIPING LOCATIONS, PIPE SIZES, AND COORDINATE WITH ALL OTHER TRADES.

F. RE-USE EXISTING FLOOR/WALL/ROOF PENETRATIONS WHERE POSSIBLE. PROVIDE NEW PENETRATIONS AS REQUIRED. ALL OPEN PENETRATIONS THROUGH FLOOR AND OR WALLS SHALL BE SEALED OR PATCHED.

G. THIS CONTRACTOR SHALL REMOVE ALL PIPING, VALVES, SPECIALTIES AND CONTROLS ASSOCIATED WITH EACH PIECE OF EQUIPMENT TO BE REMOVED.

H. IF EXISTING HV UNIT, UNIT VENTILATOR, OR ANY OTHER MECHANICAL SYSTEM IS TO BE REMOVED, MC WILL REMOVE ALL ACCESSORIES, HANGERS, SUPPORTS AND EXISTING ROOM SENSORS/THERMOSTATS AND TERMINATE ALL EXISTING WIRES NOT USED IN JUNCTION BOX. ANY HOLES/OPENINGS OF OLD ROOM SENSORS SHALL BE COVERED WITH BLANK STAINLESS STEEL PLATES.

I. THIS CONTRACTOR SHALL REMOVE AND RE-INSTALL ALL CEILINGS AS REQUIRED TO COMPLETE HIS WORK. ANY DAMAGE TO THE EXISTING CEILING AS A RESULT OF THIS WORK SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.

J. ALL EQUIPMENT REMOVED IS PROPERTY OF THE OWNER. IF THE OWNER DEEMS EQUIPMENT "UNSALVAGEABLE" THE CONTRACTOR IS TO DISPOSE OF IT IN A PROPER MANNER.

K. ALL EQUIPMENT TO BE REMOVED SHALL HAVE ALL ACCESSORIES AND SUPPORTS REMOVED WITH IT, WHETHER INDICATED OR NOT. IN ADDITION, UNLESS OTHERWISE NOTED, ANY REFRIGERANT CONTAINING EQUIPMENT THAT IS SHOWN FOR REMOVAL SHALL HAVE ALL REFRIGERANT EVACUATED FROM THE SYSTEM AND PROPERLY DISPOSED OF AND ALL REFRIGERANT PIPING REMOVED FROM THE SITE.

L. ANY EQUIPMENT, PIPING, OR DUCTWORK THAT HAS BEEN REMOVED IN THE PROJECT AND HAS LEFT AN OPENING, ANCHOR POINT, OR OTHER IMPERFECTION IN A FLOOR, WALL, OR ROOF SHALL HAVE THE OPENINGS AND VOIDS INFILLED TO MATCH EXISTING CONDITIONS.

GENERAL INSTALLATION NOTES

A. ALL WORK IS SHOWN DIAGRAMMATIC. FIELD VERIFY ALL EXISTING SITE CONDITIONS, PIPING, DUCTWORK, UNIT LOCATIONS ETC. PRIOR TO THE COMMENCEMENT OF WORK.

B. THIS CONTRACTOR TO VISIT JOB SITE BEFORE BID DATE TO VERIFY ALL EXISTING CONDITIONS INDICATED. IT IS THE RESPONSIBILITY OF THE MC TO VERIFY ALL EXISTING QUANTITIES FOR REPLACEMENT/RECONDITIONING ETC. COORDINATE ALL DUCTWORK, PIPING AND EQUIPMENT LOCATIONS WITH ALL OTHER TRADES.

C. INSTALL NEW SUPPLY DIFFUSERS, REGISTERS, AND EXHAUST GRILLES INTO NEW CEILING GRID AVOIDING LIGHTS, AT APPROXIMATE LOCATIONS SHOWN.

D. ALL RECTANGULAR DUCTWORK BRANCH CONNECTIONS TO HAVE A 45 DEGREE CINCH COLLAR WITH AN INTEGRAL VOLUME DAMPER. ALL ROUND DUCTWORK BRANCH CONNECTIONS TO HAVE A HIGH EFFICIENCY FITTING WITH AN INTEGRAL VOLUME DAMPER.

E. PROVIDE TURNING VANES IN ALL SUPPLY DUCTS COMING OUT OF ROOF-TOP UNITS AND ALL 90 DEG ELBOWS, WHETHER SHOWN OR NOT.

F. PROVIDE ACCESS DOORS FOR ALL FIRE DAMPERS AND DUCT COILS UNLESS OTHERWISE NOTED.

G. PROVIDE A MINIMUM SIZE ACCESS DOOR OF 24"x24" ON ALL FIRE AND FIRE/SMOKE DAMPERS UNLESS NOT PERMITTED BY DUCT SIZE.

H. RE-USE EXISTING FLOOR/SLAB/ROOF PIPING PENETRATIONS WHEREVER POSSIBLE. MC RESPONSIBLE FOR ENLARGING OR MODIFYING EXISTING PENETRATIONS AS REQUIRED TO ACCOMMODATE NEW PIPING.

I. ALL NEW PENETRATIONS FOR PIPING, DUCTWORK OR TO COMPLETE HIS WORK ARE BY THE MC. ALL OPENINGS THAT ARE BY THE GC ARE NOTED ON THESE DRAWINGS OR THE GC DRAWINGS.

J. PROVIDE ADDITIONAL STRUCTURAL STEEL AND HANGERS AS REQUIRED TO INSTALL AND SUPPORT HVAC EQUIPMENT.

K. IN GENERAL, ALL DUCTWORK IS TO BE TIGHT TO JOISTS AND MC IS TO COORDINATE DUCTWORK ELEVATIONS WITH ALL OTHER TRADES.

L. THIS CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING, PATCHING AND PAINTING REQUIRED TO COMPLETE THIS WORK UNLESS OTHERWISE NOTED. ALL PATCHING AND PAINTING MUST EXACTLY MATCH EXISTING CONDITIONS.

M. ALL AREAS WHERE PIPING IS REMOVED AND NOT REPLACED, THIS CONTRACTOR SHALL PATCH THE AREAS TO MATCH EXISTING CONDITIONS.

N. REFER TO PIPING SCHEMATICS FOR DETAILED PIPING INFORMATION FOR BOTH THE HEATING AND DOMESTIC HOT WATER SYSTEMS.

O. NO VALVES SHALL BE PLACED ABOVE/BEHIND DUCTWORK OR IN AN INACCESSIBLE LOCATION.

P. ALL WORK IS SHOWN DIAGRAMMATIC, IF OFFSETS OR TRANSITIONS IN DUCTWORK ARE REQUIRED FOR SITE CONDITIONS, TO MAINTAIN ARCHITECTS CEILING HEIGHTS AND/OR COORDINATION WITH OTHER TRADES IT IS THE RESPONSIBILITY OF THE MC. ADDITIONALLY, IF A TRANSITION FROM ANY TYPE OF AIR HANDLING UNIT TO THE DUCTWORK SIZE INDICATED IS REQUIRED, IT IS THE RESPONSIBILITY OF THE MC, WETHER THE TRANSITION IS SHOWN OR NOT.

Q. REFER TO STRUCTURAL DRAWINGS FOR FINAL LOCATIONS OF UNITS AND PENETRATIONS THROUGH DECKS. STRUCTURAL DRAWINGS ARE TO TAKE PRECEDENCE OVER DUCTWORK DRAWINGS FOR LOCATIONS. ANY OFFSETS OR TRANSITIONS IN DUCTWORK REQUIRED FOR COORDINATION WITH STEEL IS THE RESPONSIBILITY OF THE MC.

R. IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL AIR VENTS OR DRAINS ON THE PIPING SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL NECESSARY AIR VENTS AT HIGH POINTS WHICH COULD ACCUMULATE AIR WHICH WOULD PREVENT THE PROPER OPERATION OF THE HWS&R AND CHWS&R PIPING. DRAINS SHALL BE PROVIDED AT LOW POINTS IN THE SYSTEM TO FACILITATE THE DRAINING OF HWS&R AND CHWS&R PIPING.

S. ALL WORK IS SHOWN DIAGRAMMATIC, IF ELBOWS OR CHANGES IN PIPING ELEVATION ARE REQUIRED FOR SITE CONDITIONS, TO MAINTAIN ARCHITECTS CEILING HEIGHTS AND/OR COORDINATION WITH OTHER TRADES IT IS THE RESPONSIBILITY OF THE MC.

T. UNLESS NOTED ON THE EC OR TC DRAWINGS, THIS CONTRACTOR IS FULLY RESPONSIBLE TO PROVIDE ALL WIRING OR ANY FINAL CONNECTIONS FOR ANY MECHANICAL EQUIPMENT TO MAKE THAT UNIT FULLY OPERATIONAL.

U. INSTALLATION OF ROOF TOP DUCTWORK SHALL BE ACCORDING TO SPECIFICATION SECTION 233330, ITEM 2.15. DUCT LINER INSTALLATION SHALL BE ACCORDING TO SPECIFICATION SECTION 233330 ITEM 2.11. ALSO REFER TO SECTION 230005, ITEM 1.17 FOR STORAGE OF MATERIALS.

GENERAL NOTES - TEMPERATURE CONTROLS

A. ALL WORK SHOWN SHALL BE BY TEMPERATURE CONTROLS CONTRACT UNLESS NOTED OTHERWISE (TYPICAL FOR ALL TC DRAWINGS).

B. WIRE ALL LOW VOLTAGE, LINE VOLTAGE CONTROL, AND COMMUNICATIONS CABLING FOR A COMPLETE FULLY OPERATIONAL SYSTEM. COORDINATE WITH HEATING CONTRACTOR & ELECTRIC CONTRACTOR WHERE REQUIRED FOR ALL INTERFACES.

C. CONTROL PANELS ARE NOT SHOWN ON THE DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROPER QUANTITIES OF PANELS TO MEET I/O SCHEDULE & DIAGRAM I/O. RISER DIAGRAMS ARE FOR INFORMATION ONLY & MAY NOT INDICATE ALL PANELS. ADDITIONALLY, SOME JOBS MAY HAVE LINE VOLTAGE POWER PROVIDED BY THE EC IN POSSIBLE PANEL LOCATIONS. THE TC SHALL REVIEW THESE PRIOR TO BID AND SHALL PROVIDE ANY ADDITIONAL LOCATIONS FOR POWER UNDER HIS CONTRACT AND WITHIN THE TC BID.

D. LOCATE ALL BUILDING CONTROLLERS ON THE SUBMITTAL SO THAT C.C. CAN FURNISH A DATA DROP IN THAT SPACE. T.C. TO COORDINATE WITH E.C..

E. IN ROOMS THAT HAVE A HARD CEILING TC SHALL PROVIDE RACEWAY FOR HIS WIRING. THERE SHALL BE NO EXPOSED CONTROL WIRING IN A OCCUPIED SPACE.

F. TEMPERATURE CONTROL VALVES: SIZE VALVES PER CHART IN SPECIFICATION SECTION WITH MAXIMUM DELTA P OF 3PSI.

G. WHERE ANY THERMOSTAT THAT IS REMOVED, THE WALL SHALL BE PATCHED AND PAINTED TO MATCH THE EXISTING.

H. CONTRACTOR TO COORDINATE THERMOSTAT LOCATIONS WITH APPROVED FURNITURE LAYOUT.

GENERAL

	REMOVE / CONNECT TO
1	REMOVAL NOTE TAG
1	INSTALLATION NOTE TAG
	PIPING BREAK
	EDGE BREAK LINE
	OFFSET FOR CLARITY
0'-0"	DUCT WORK ELEVATION

DUCTWORK AND FITTINGS

	DUCTWORK W / INTERNAL LINER
	DUCTWORK UNLINED
	TURNING VANES
RND SQ	SQUARE TO ROUND TRANSITION
	HIGH EFFICIENCY TAKE-OFF W / INTEGRAL DAMPER
	VOLUME DAMMPER
A.D.	FIRE DAMPER W / ACCESS DOOR
A.D.	FIRE/SMOKE DAMPER W / ACCESS DOOR
A.D. A.D.	DUCT ACCESS DOOR
	FLEXIBLE DUCTWORK (6' MAX)
	FLEXIBLE COLLAR
(LENGTH)x (HEIGHT)	RECTANGULAR DUCT DESIGNATION
(DIAMETER)"Ø	ROUND DUCT DESIGNATION
(MAJOR AXIS)/ (MINOR AXIS)	FLAT OVAL DUCT DESIGNATION
	ROOF MOUNTED EXHAUST FAN
	4 - WAY SUPPLY DIFFUSER
	2 - WAY SUPPLY DIFFUSER
	RETURN AIR GRILLE
	BACKDRAFT DAMPER (BD-1,2)
SD	SMOKE DETECTOR FURNISHED AND WIRED BY EC, INSTALLED BY MC

FITTINGS & ACCESSORIES

	PIPE ELBOW DOWN
	PIPE ELBOW UP
	PIPE TEE DOWN
	PIPE UNION
	PIPE REDUCER
	CAP - SCREWED
	PIPE FLANGE
	PIPE STRAINER W / BLOW DOWN
	PIPE ANCHOR
	MANUAL AIR VENT
	PRESSURE GUAGE W / SNUBBER
	TEMPERATURE GUAGE
	PIPE ISOLATION JOINT
	RELIEF VALVE (RV)

PIPING

	PIPING BEING REMOVED
EXR	EXISTING PIPING TO REMAIN
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
	DOMESTIC COLD WATER
CD	CONDENSATE DRAIN (GRAVITY)
PR	CONDENSATE DRAIN (PUMPED)
RS	REFRIGERANT SUCTION LINE
RL	REFRIGERANT LIQUID LINE
HGB	HOT GAS BYPASS REFRIGERANT LINE

VALVES

	BALL VALVE(BV)
	BUTTERFLY OR WAFER VALVE(WV)
	GATE VALVE(GV)
	GLOBE VALVE(GLV)
	CHECK VALVE(CKV)
	CONTROL VALVE (2-WAY)
	CONTROL VALVE (3-WAY)
	BALANCING VALVE(CBV)
	TRIPLE DUTY VALVE (TDV)
	FLOW CONTROL VALVE(FCV)
D.V.	DRAIN VALVE ASSEMBLY(SS)

PIPE SIZING

0-2 GPM	3/4" COPPER
3-5 GPM	1" COPPER
6-8 GPM	1-1/4" COPPER
9-14 GPM	1-1/2" COPPER
15-30 GPM	2" COPPER
31-50 GPM	2-1/2" STEEL
51-90 GPM	3" STEEL
91-200 GPM	4" STEEL
201-500 GPM	6" STEEL

TEMP CONTROL SYMBOLS

E	LINE VOLTAGE BY T.C.
e	LOW VOLTAGE WIRING BY T.C.
+	WIRING BY DIV #26(EC)
	CONDUCTORS
e	CURRENT FLOW SWITCH (STATUS)CFS-1
	CONTROL RELAY CR-1
	CARBON DIOXIDE SENSOR CDS-1, CDS-2
	DUCT SENSOR, SPS-1
	DAMPER - OPPOSED BLADE D-1
	DAMPER - PARALLEL BLADE D-2
ME	DAMPER ACTUATOR ME-1,-2,3
DP	DIFFERENTIAL PRESSURE SWITCH - DPT-1,1A
ES-1	END SWITCH ES-1
FS	FLOW SWITCH FS-1
	HORN
	HUMIDITY SENSOR DUCT MOUNTED HSR
H	HUMIDITY SENSOR HSTS
LC-1	LOW TEMERATURE CUT OUT MANUAL RESET LC-1
	MOTOR STARTER
M	MOTION SENSOR MS-1, MDS-1, MDS-2
M	MOTOR
	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT
©	PROGRAM CLOCK
P	PILOT LIGHT
START	START PUSH BUTTON
STOP	STOP PUSH BUTTON
	STATIC PRESSURE FILTER ALARM - DPS-1
	STATIC PRESSURE NETWORK SENSOR SPNL-1
	STATIC PRESSURE SENSOR SPS-1
	SWITCH
	TWO WAY VALVE CVF, CVT
	THREE WAY VALVE CVM, CVT, CVZM
	TEMPERATURE SENSOR ITS, ITS-1
	TEMPERATURE SENSOR AVERAGING TSDA
	TEMPERATURE SENSOR TSD
	TEMPERATURE CONTROL POINT
	TEMPERATURE CONTROL PANEL TCP
	TRANSFORMER - XT-1
T T	THERMOSTAT W / GUARD TSB, TSR
	VARIABLE AIR VOLUME MODULAR ASSEMBLY VMA
VFD	VARIABLE FREQUENCY DRIVE
ECM	ECM (ELECTRICALLY COMMUTATED MOTOR)

ABBREVIATIONS

A	AIR OR COMPRESSED AIR
AC	AIR CONDITIONING
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
APD	AIR PRESSURE DROP AUTOMATIC
ATC	TEMPERATURE CONTROL
ATM	ATMOSPHERE
ACCU	AIR COOLED CONDENSING UNIT
ADJ	ADJUSTABLE
BD	BACKDRAFT DAMPER
BHP	BRAKE HORSEPOWER
BOD	BOTTOM OF DUCT
BMS	BUILDING MANAGEMENT SYSTEM
BC	BOOKCASE
CH	CABINET HEATER
CFM	CUBIC FEET PER MINUTE
CT	COOLING TOWER
CH	CABINET UNIT HEATER
CD	CONTROL DAMPER
DB	DRY BULB
DEG	DEGREE
DDC	DIRECT DIGITAL CONTROL
DP	DIFFERENTIAL PRESSURE
DAC	DUCTLESS SPLIT A/C UNIT
DCU	DUCTLESS SPLIT CONDENSING UNIT
DHU	DEHUMIDIFYING UNIT
DS	DUCT SILENCER
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
EMS	ENERGY MANAGEMENT SYSTEM
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EXR	EXISTING TO REMAIN
ERU	ENERGY RECOVERY UNIT
EG	EXHAUST GRILL
F	FAHRENHEIT
FA	FREE AREA
FCU	FAN COIL UNIT
FRD-B/A	FIRE DAMPER
FRD-S	FIRE/SMOKE DAMPER
FLA	FULL LOAD AMPS
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FS	FLOW SWITCH
FTR	FIN TUBE RADIATION
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
HV	HEATING & VENTILATING UNIT
HD	HEAD
HP	HORSEPOWER
HRU	HEAT RECOVERY UNIT
HTG	HEATING
HP	HEAT PUMP UNIT
HZ	HERTZ (CYCLES PER SECOND)
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MAT	MIXED AIR TEMPERATURE
MBH	1000 BTU/HR
MC	MECHANICAL CONTRACTOR
MUA	MAKE UP AIR
MCA	MINIMUM CIRCUIT AMPACITY
MOP/ MOCP	} MAXIMUM OVERCURRENT PROTECTION
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NOM	NOMINAL
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
ODP	OPEN DRIP PROOF
OV	OPEN VELOCITY
OAT	OUTSIDE AIR TEMPERATURE
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQ IN
RESR	ROOF EQUIPMENT SUPPORT RAIL
RH	ROOF HOOD
RTU	ROOFTOP UNIT
RA	RETURN AIR
RET	RETURN
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
SAT	SUPPLY AIR TEMPERATURE
SF	SUPPLY FAN
SCV	SELF CONTAINED VALVE
SA	SUPPLY AIR
SP	STATIC PRESSURE
SG	SUPPLY GRILL
T	TEMPERATURE OR THERMOSTAT
TEMP	TEMPERATURE
TON	12,000 BTUH (COOLING CAPACITY)
TSB	TEMPERATURE SENSOR BUTTON TYPE
TSR	TEMPERATURE SENSOR W/DISPLAY
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
TC	TEMPERATURE CONTROL CONTRACTOR
UV	UNIT VENT
UH	UNIT HEATER
UC	UTILITY COMPARTMENT
V	VOLTS
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VEL	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
VFC	VARIABLE REFRIGERANT FAN COIL
WB	WET BULB TEMPERATURE
WG	WATER GAGE
WPD	WATER PRESSURE DROP

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Seal

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Phase Two

Peekskill City School District
Peekskill, New York

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Drawing Title :
HVAC NOTES AND SYMBOLS

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
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MP
001

FAN COIL SYSTEM SCHEDULE

FAN COIL UNIT PERFORMANCE (INDOOR) TAG	MODEL NUMBER	SERVICE	STYLE	SUPPLY AIRFLOW (CFM)	RETURN (CFM)	MN. O.A. (CFM)	EXHAUST (CFM)	RECIRCULATED AIR @ MIN. O.A. (CFM)	NOMINAL COOLING CAPACITY (MBH)	COOLING SENSIBLE CAPACITY (MBH)	HEATING CAPACITY (MBH)	VOLTAGE	MCA	MOP	NOTES	CONDENSING UNIT PERFORMANCE (OUTDOOR) TAG	MODEL NO.	EFFICIENCY EER	EFFICIENCY IEER	WEIGHT (LBS)	REFRIGERANT	ELECTRICAL DATA VOLT	PHASE	HZ.	MCA	MOP	MANUFACTURER	NOTES
FCU–1	FXMQ96MVJU	TECH/ROBOTICS	DUCTED	2250	2250	1170(52%)	1170	1080	96	76	112	208/1	10.1	15	1,2,3,4	DCU–1–HS	RXYQ384XATJA = RXYQ168XATJA +RXYQ120XATJA +RXYQ96XATJA	9.5	18.5	694.5+526.9+524.7	R–410A	208	3	60	55.1 + 36.3 + 36.3	60+45+45	DAIKIN	1
FCU–2	FXMQ30PBVJU	DESIGN	DUCTED	900	900	522(58%)	522	378	30	25	35	208/1	2.8	15	1,2,3,4													
FCU–3	FXMQ72MVJU	MATH	DUCTED	2000	2000	540(27%)	540	1460	68	54	84	208/1	9.0	15	1,2,3,4													
FCU–4	FXMQ96MVJU	MIXER	DUCTED	2550	2550	1275(50%)	1275	1275	90	66	112	208/1	10.1	15	1,2,3,4													
FCU–5	FXMQ72MVJU	ART	DUCTED	1950	1950	940(48%)	820	1130	72	59	84	208/1	9.0	15	1,2,3,4													
FCU–6	FXMQ54PBVJU	ART/BREAKOUT	DUCTED	1530	1530	840(55%)	920	610	54	45	62	208/1	3.4	15	1,2,3,4													
FCU–7	FXMQ48PBVJU	SCIENCE/BREAKOUT	DUCTED	1380	1380	550(40%)	830	550	48	41	55	208/1	3.4	15	1,2,3,4													
CU–1	FXZQ07TAVJU	OFFICE	CASSETTE	300	300	30	–	270	7	5	8	208/1	0.3	15	1,2,4													

NOTES:
1. FURNISH UNIT WITH SINGLE POINT ELECTRICAL CONNECTION WITH INTEGRAL DISCONNECT.
2. PROVIDE CONDENSATE PUMP.
3. PROVIDE FILTER MIXING BOX. MODEL NO: ECONMQ48P–13. MIXING BOX TO COME WITH DAMPERS, TC TO PROVIDE ACTUATORS. PROVIDE MERV 13 FILTERS.
4. M.C. TO PROVIDE ANY CONTROL WIRING BETWEEN EQUIPMENT NECESSARY FOR COMPLETE FUNCTIONALITY.

ENERGY RECOVERY UNIT

TAG	LOCATION	SUPPLY AIRFLOW (CFM)	RETURN (CFM)	MN. O.A. (CFM)	EXHAUST (CFM)	RECIRCULATED AIR @ MIN. O.A. (CFM)	SUPPLY FAN E.S.P. (IN. W.G.)	EXHAUST FAN E.S.P. (IN. W.G.)	PERFORMANCE TEMP EFF%	PERFORMANCE TOTAL EFF% WINTER / SUMMER	ELECTRICAL DATA VOLTS	PHASE	FLA	MAXIMUM WEIGHT (LBS.)	MAXIMUM DIMENSIONS LxWxH (IN.)	MANUFACTURER & MODEL NO.	NOTES
ERV–1	INTERIOR	30	30	30	30	0	0.3	0.3	78	75/65	120	1	0.35	40	29X22X15	RENEWAIRE – EV90	1,2,3

NOTES:
1. PROVIDE UNIT WITH ECM SUPPLY AND EXHAUST FAN MOTORS WITH POTENTIOMETER SPEED CONTROL – E.C. TO WIRE.
2. PROVIDE UNIT WITH SINGLE POINT POWER AND FACTORY MOUNTED AND WIRED FUSED DISCONNECT.
3. PROVIDE BACKDRAFT DAMPER ON EXHAUST.

DUCT MOUNTED HEATING COIL

TAG	CFM	HEATING DATA TOTAL MBH	E.A.T (°F)	L.A.T (°F)	E.W.T. (°F)	L.W.T. (°F)	COIL SIZE (HxL)	GPM	FLUID	FACE VELOCITY (FPM)	APD	W.P.D. (FT)	MANUFACTURER & MODEL NO.	NOTES
DHC–1	2250	167	36	105	180	128.6	15X54	6.5	HW	452	0.18	1.6	DAIKIN – 5WH0703B	
DHC–2	900	70	32	105	180	133.1	12X46	3.0	HW	248	0.05	0.4	DAIKIN – 5WH0902B	
DHC–3	2000	115	51	105	180	128.7	15X48	4.5	HW	409	0.13	0.5	DAIKIN – 5WH0902B	
DHC–4	2550	185	37	105	180	126.9	15X54	7.0	HW	451	0.18	1.8	DAIKIN – 5WH0703B	
DHC–5	1950	139	38	105	180	124.1	15X48	5.0	HW	409	0.14	0.9	DAIKIN – 5WH0603B	
DHC–6	1530	116	34	105	180	133.4	12X46	5.0	HW	423	0.16	1.3	DAIKIN – 5WH0703B	
DHC–7	1380	109	31	105	180	131.2	12X46	4.5	HW	359	0.11	1.0	DAIKIN – 5WH0603B	

FIN TUBE SCHEDULE

TAG	CABINET STYLE	CABINET HEIGHT	HEAT CAPACITY BTU/FT	HEAT MEDIUM	AVG WATER TEMP	TUBE SIZE(#TIERS)	FIN SIZE (FIN/IN)	FIN LENGTH	MANUFACTURER & MODEL NO.	REMARKS
FTR–1	SLOPE TOP	20	1190	WATER	170	3/4"(1)	4¼ x 3⅝ (50)	SEE DRAWINGS	STERLING JVB–S20	1,2,3

REMARKS:
1. CONCEAL ALL PIPING BELOW COVER.
2. FIN ENCLOSURE SHALL BE SLOPE TOP.
3. MOUNT FIN 4" A.F.F.
4. FIN ENCLOSURE SHALL HAVE LOUVERED BOTTOM AND FRONT.

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Drawing Title :
HVAC SCHEDULES

HIGH SCHOOL

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DIFFUSER, REGISTERS, AND GRILLES

TAG	MODEL	MOUNTING	MAX CFM	BLOW PATTERN	FACE SIZE	NECK SIZE	VELOCITY (FPM.)	THROW (FT.)	PD	SOUND LEVEL	MATERIAL	MANUFACTURER	NOTES
SD–1	RNS	CEILING	120	4–WAY	24x24	6"Ø	600	2	.035	–	STEEL	NAILOR	1,5
SD–2	RNS	CEILING	210	4–WAY	24x24	8"Ø	600	3	.047	13	STEEL	NAILOR	1,5
SD–3	RNS	CEILING	330	4–WAY	24x24	10"Ø	600	5	.047	16	STEEL	NAILOR	1,5
SD–4	RNS	CEILING	470	4–WAY	24x24	12"Ø	600	5	.057	18	STEEL	NAILOR	1,5
SD–5	6300R	DUCT	315	CIRCULAR	22"	12"Ø	400	10	0.01	–	STEEL	NAILOR	1
LS–1	5810	CEILING	340	1–WAY	8x48	12" OVAL	–	13	.059	25	STEEL	NAILOR	1,8
LS–2	5810	CEILING	280	1–WAY	8x48	10"Ø	–	11	.071	24	STEEL	NAILOR	1,3,8
PDR–1	RGS–3	DUCT	400	1–WAY	33x6	–	400	12	0.01	21	STEEL	LINDAB	1,6,7
RG–1	6145H	CEILING	140	–	24x24	8x6	500	–	.016	15	STEEL	NAILOR	1,4
RG–2	6145H	WALL	2736	–	40x30	38x28	400	–	.010	23	STEEL	NAILOR	1
RG–3	6145H	CEILING	750	–	24x24	18x16	400	–	.010	18	STEEL	NAILOR	1,4
RG–4	6145H	CEILING	1268	–	24x24	22x22	400	–	.010	20	STEEL	NAILOR	1
RG–6	6145H	DUCT	2736	–	48x24	46x22	400	–	.010	23	STEEL	NAILOR	1
RG–7	6145H	CEILING	140	–	10x8	8x6	500	–	.016	15	STEEL	NAILOR	1,4
RG–8	6145H	WALL	750	–	20x18	18x16	400	–	.010	18	STEEL	NAILOR	1,4
EG–1	6145H	CEILING	1268	–	24x24	22x22	400	–	.010	20	STEEL	NAILOR	1
EG–2	6145H	DUCT	2736	–	48x24	46x22	400	–	.010	23	STEEL	NAILOR	1
EG–3	6145H	CEILING	190	–	24x24	8x8	500	–	.016	17	STEEL	NAILOR	1,4
EG–4	6145H	DUCT	1908	–	38x22	36x20	400	–	.010	22	STEEL	NAILOR	1
EG–5	6145H	CEILING	232	–	14x10	12x8	400	–	.010	–	STEEL	NAILOR	1
EG–6	6145H	CEILING	305	–	24x24	10x10	500	–	.016	19	STEEL	NAILOR	1,4
TG–1	6145H	CEILING	190	–	24x24	8x8	500	–	.016	17	STEEL	NAILOR	1,4
TG–2	6145H	CEILING	290	–	24x24	12x8	500	–	.016	19	STEEL	NAILOR	1,4

NOTES:
1. ARCHITECT TO SELECT COLOR
2. PROVIDE DAMPER.
3. PROVIDE DRYWALL/PLASTER FRAME.
4. FURNISH WITH NOMINAL 24x24 PANEL FOR T–BAR CEILING.
5. FURNISH WITH ROUND NECK ADAPTOR.
6. PROVIDE GRILLE WITH AIR EXTRACTOR FOR BALANCING – EXTRACTOR SHALL BE ENTIRE LENGTH OF GRILLE FACE. SMALLER AIR SCOOPS WILL NOT BE ACCEPTABLE SINCE THEY CAN NOT BE BALANCED AND ANY SUBSTITUTION SHALL PROVIDE A SAMPLE TO THE ENGINEER PRIOR TO ANY APPROVAL.
7. MOUNTED DIFFUSER AT A 22.5° ANGLE TO BLOW DOWN THE WINDOW.
8. LINEAR SLOT TO BE THREE(4) 1" SLOTS.
9. THE CFM IS INDICATING PER FOOT ON THIS GRILL.
10. VERIFY SIZE OF EXISTING WALL OPENING PRIOR TO RELEASE OF NEW GRILLE.

EXHAUST FAN SCHEDULE

TAG	LOCATION	SERVICE	TYPE	MIN CFM	MAX CFM	E.S.P. (IN W.G.)	RPM	SONES	DRIVE TYPE	ECM MOTOR	FAN MOTOR DATA			CURB HEIGHT (INCHES)	MANUFACTURER & MODEL NO.	NOTES
											HP	VOLT	PHASE			
EF–1	CEILING	SCIENCE 101	INLINE	516	1380	0.75	1725	9.8	DIRECT	YES	3/4	115	1	–	GREENHECK SQ–130–VG	1,2,3,4
EF–2	CEILING	ART 102	INLINE	835	1680	0.75	1140	8.4	DIRECT	YES	3/4	115	1	–	GREENHECK SQ–160–VG	1,2,3,4
EF–3	CEILING	ART 103	INLINE	804	1950	0.75	1140	9.4	DIRECT	YES	3/4	115	1	–	GREENHECK SQ–160–VG	1,2,3,4
EF–4	CEILING	MIXER 104	INLINE	409	1800	0.75	1300	12.2	DIRECT	YES	1	115	1	–	GREENHECK SQ–160–VG	1,2,3,4
EF–5	CEILING	DESIGN 106	INLINE	511	900	0.75	1725	7.2	DIRECT	YES	1/2	115	1	–	GREENHECK SQ–120–VG	1,2,3,4
EF–6	CEILING	MATH 107	INLINE	513	2000	0.75	1500	12.6	DIRECT	YES	3/4	115	1	–	GREENHECK SQ–140–VG	1,2,3,4
EF–7	CEILING	TECH/ROBOTICS 105	INLINE	1160	2400	0.75	1300	11.6	DIRECT	YES	1	115	1	–	GREENHECK SQ–160–VG	1,2,3,4
EF–8	CEILING	MECHANICAL 108	INLINE	200	200	0.75	1140	10.7	DIRECT	YES	3/4	115	1	–	GREENHECK SQ–160–VG	1,2,3,4
EF–9	CEILING	KILN 103B	INLINE	300	300	0.375	1725	5.9	DIRECT	YES	1/10	115	1	–	GREENHECK SQ–90–VG	1,2,3,4
EF–10	ROOF	STORAGE ROOM	DNBLAST	300	300	0.375	1308	5.6	DIRECT	YES	1/10	115	1	NOTE 5	GREENHECK–G–090–VG	1,2,3,4,5
EF–14	ROOF	3D PRINTERS	DNBLAST	500	500	0.5	1598	7.8	DIRECT	YES	1/10	115	1	NOTE 5	GREENHECK–G–090–VG	1,2,3,4,5

NOTE:
1. PROVIDE ECM MOTOR (NO MOTOR STARTER).
2. PROVIDE ME–1/D–1 DAMPER WITH ACTUATOR.
3. PROVIDE NEMA–1 TOGGLE SWITCH FACTORY MOUNTED AND WIRED.
4. PROVIDE EC MOTOR WITH INPUTS FOR 0–10V SIGNAL BY TC TO VARY THE SPEED OF THE FAN.
5. PROVIDE ADAPTER CURB FOR NEW FAN.

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003

Drawing Title :
HVAC SCHEDULES

HIGH SCHOOL

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Phase Two

Peekskill City School District
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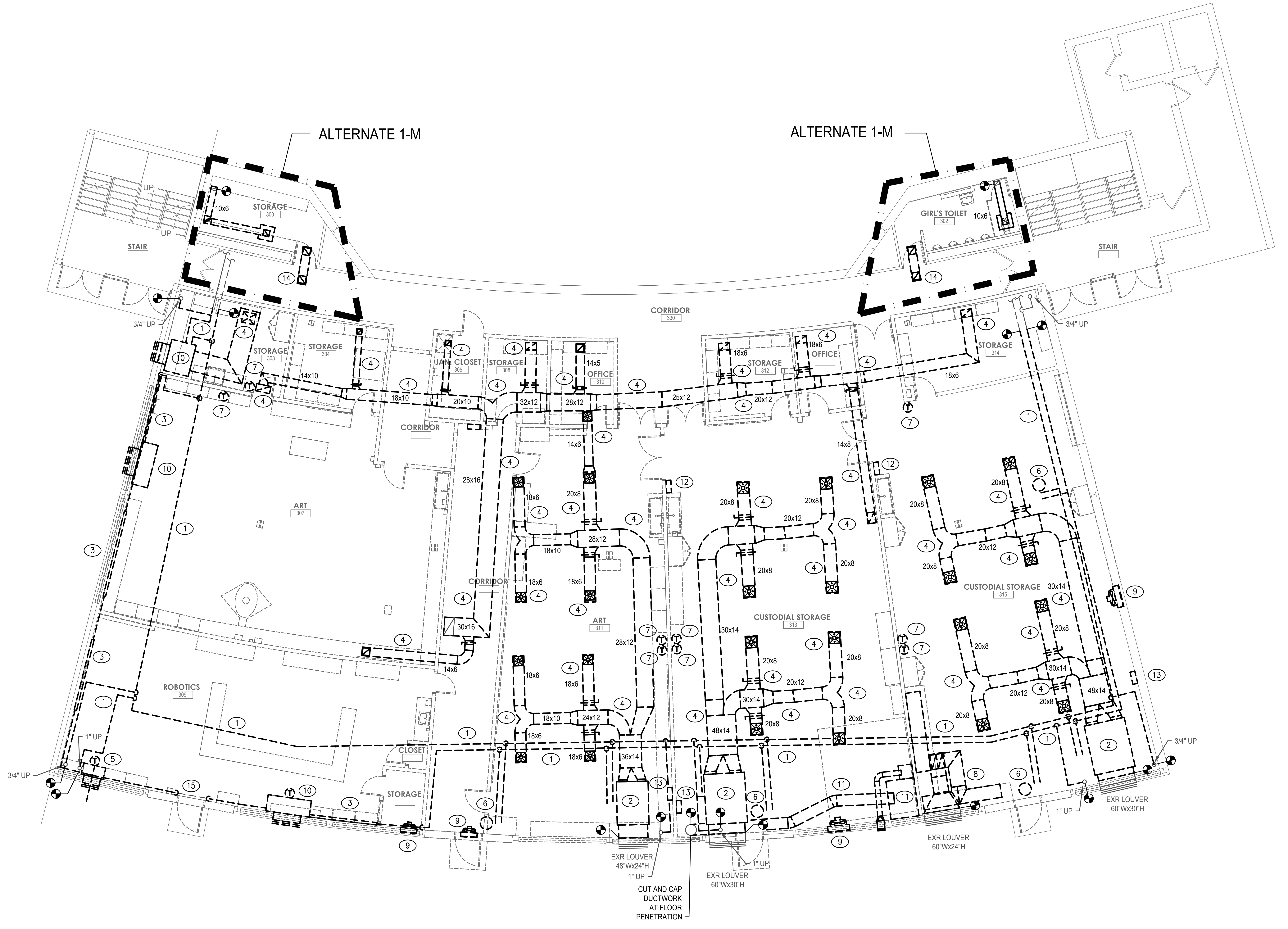
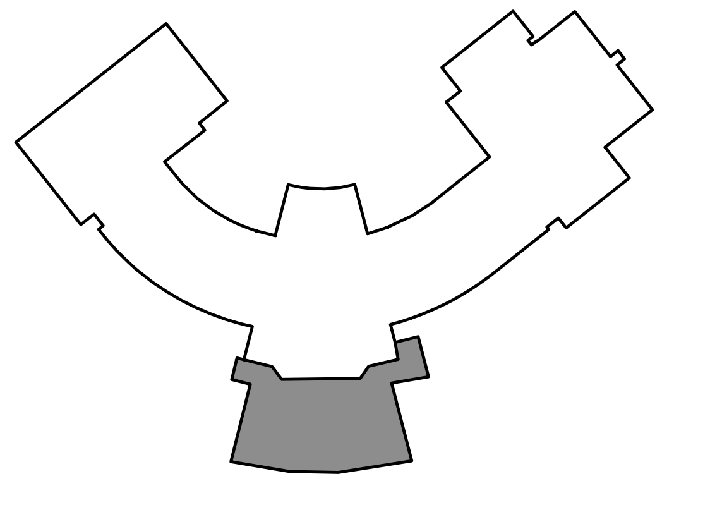


1 **LOWER LEVEL PLAN**
SCALE: 1/8" = 1'-0"



KEY PLAN
NO SCALE

GENERAL NOTES:

A. REMOVE ALL TEMPERATURE CONTROLS (PNEUMATIC OR DDC) AND THERMOSTATS FROM THIS AREA WETHER INDICATED OR NOT.

B. REMOVE ALL AIR LINES BACK TO CORRIDOR WALL AND CAP.

C. COORDINATE WITH HAZMAT CONTRACTOR FOR ABATEMENT WORK IN THIS AREA.

REMOVAL NOTES: ○

1. DISCONNECT AND REMOVE ALL EXISTING HWS&R PIPING, VALVES, CONTROLS, HANGERS AND ALL ASSOCIATED APPURTENANCES AS SHOWN.
2. DISCONNECT AND REMOVE EXISTING AIR HANDLER, SUPPORT HANGERS, HWS&R PIPING, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES. EXISTING LOUVER IS TO REMAIN.
3. DISCONNECT AND REMOVE EXISTING FIN RADIATION, HWS&R PIPING, VALVES, CONTROLS, HANGERS AND ALL ASSOCIATED APPURTENANCES AS SHOWN.
4. DISCONNECT AND REMOVE EXISTING DUCTWORK, HANGERS, CONTROLS, GRILLES, AND ALL ASSOCIATED APPURTENANCES AS SHOWN.
5. DISCONNECT AND REMOVE PTAC/FAN COIL UNIT WITH ALL ACCESSORIES, WALL LOUVER, SLEEVE, CONTROLS AND PIPING. G.C. TO PATCH OPENING IN WALL.
6. DISCONNECT AND REMOVE EXISTING UNIT HEATER, CONTROLS, SUPPORTS, AND ALL ASSOCIATED APPURTENANCES AS SHOWN.
7. DISCONNECT AND REMOVE EXISTING PNEUMATIC THERMOSTAT AND REMOVE ALL EXISTING AIR LINES. IF EXISTING OPENING IS NOT TO BE RE-USED FOR NEW D.D.C. SENSOR, CONTRACTOR TO INSTALL STAINLESS STEEL COVER PLATE.
8. DISCONNECT AND REMOVE EXISTING INLINE EXHAUST FAN, EXHAUST HOOD, DUCTWORK, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES.
9. DISCONNECT AND REMOVE EXISTING WALL MOUNTED EXHAUST FAN, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES AS SHOWN.
10. DISCONNECT AND REMOVE EXISTING UNIT VENTILATOR, HWS&R PIPING, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES. REMOVE WALL LOUVER AND SLEEVE. G.C. TO PATCH OPENING IN WALL.
11. DISCONNECT AND REMOVE DUST COLLECTOR AND ALL ASSOCIATED DUCTWORK, SUPPORTS AND HANGERS IN ITS ENTIRETY.
12. DISCONNECT AND REMOVE BMS PANEL.
13. DISCONNECT AND REMOVE PNEUMATIC PANEL AND AIR LINE IN ROOM.
14. THIS GRILLE IS TO BE DISCONNECT AND REMOVED UNDER THE ALTERNATE 1-MC. IF THE ALTERNATE IS NOT ACCEPTED THIS HALLWAY GRILLE IS STILL TO BE DISCONNECTED AND REMOVED UNDER THE BASE BID.
15. PIPE UNDER FLOOR SHALL BE ABANDONED IN PLACE. GC TO INFILL FLOOR.

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Peekskill City School District
Peekskill, New York

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LOWER LEVEL
REMOVAL PLAN

HIGH SCHOOL

APN : 1901.2
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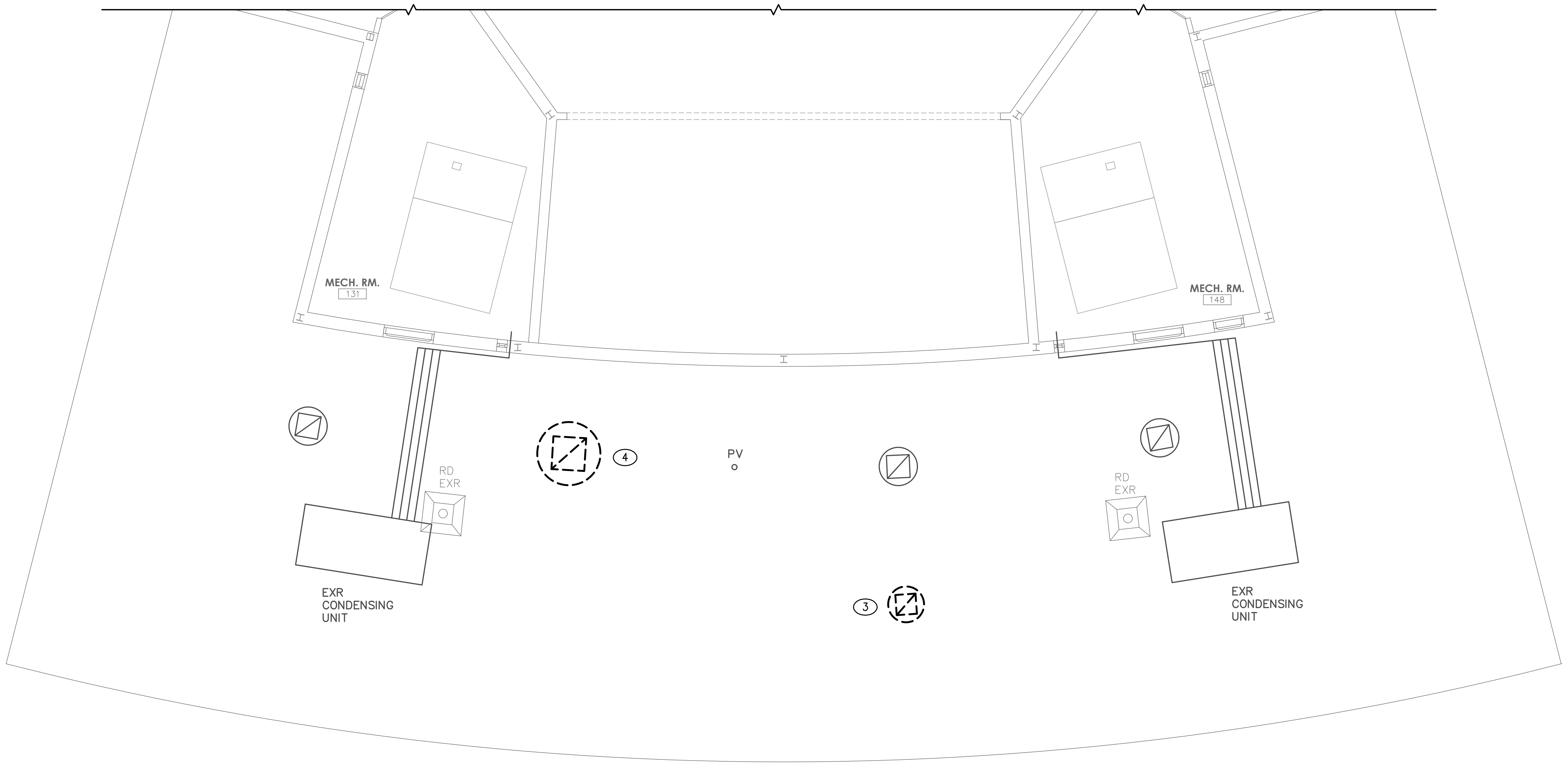
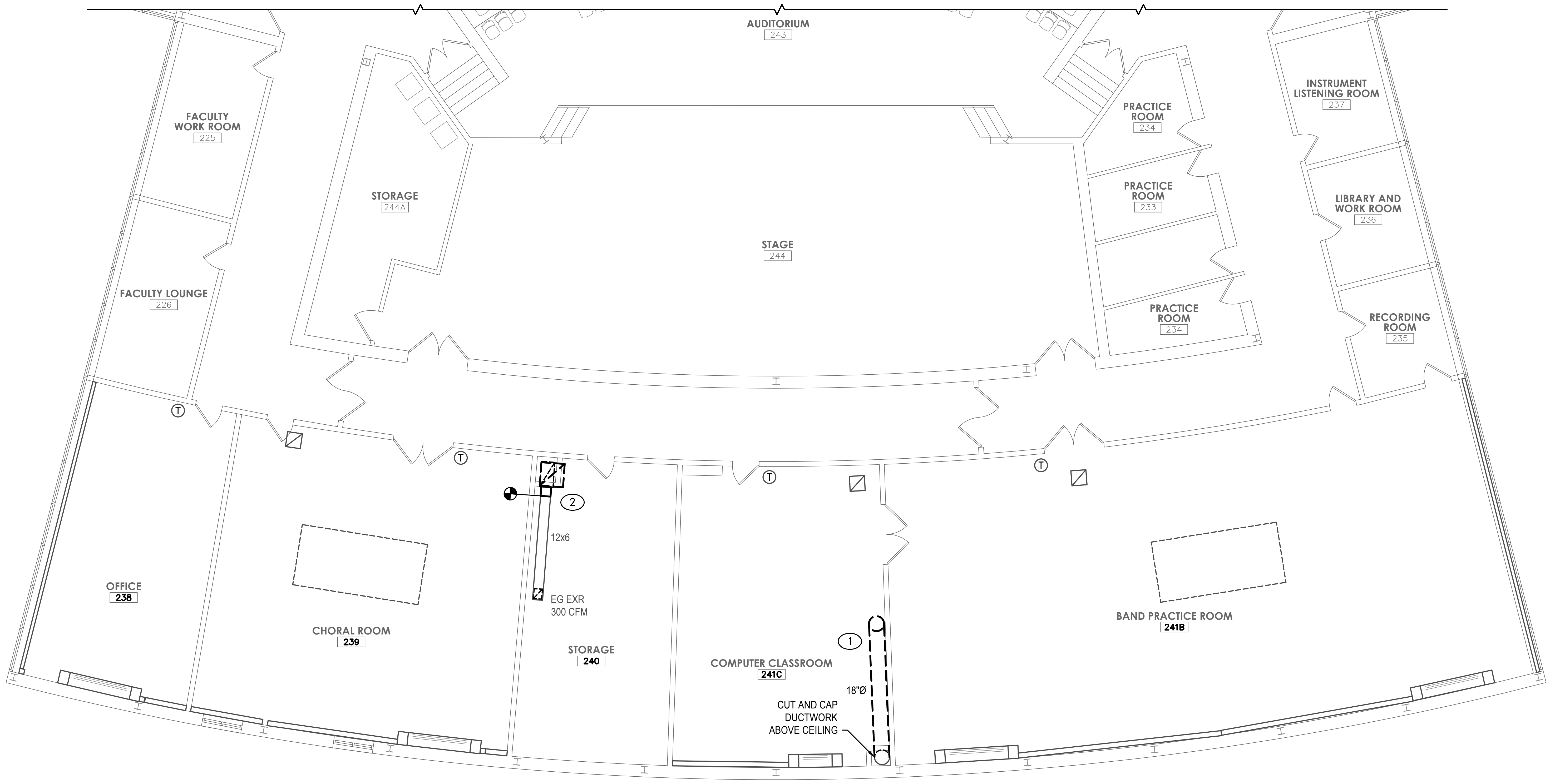
Drawing Number :
MP 201



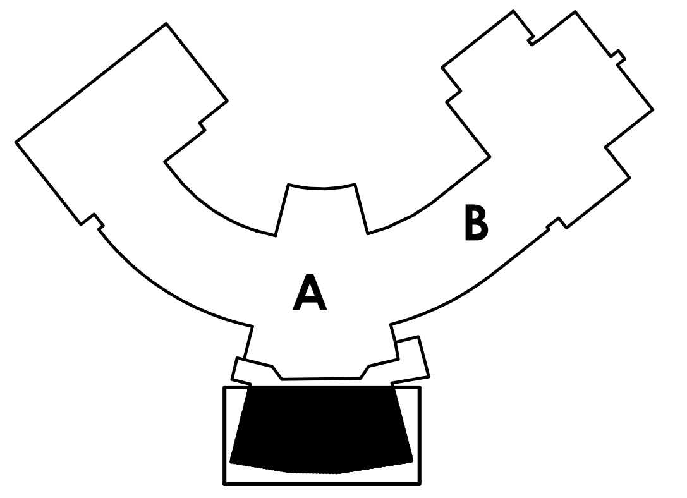
① **MAIN LEVEL PLAN - AREA A**
SCALE: 1/8" = 1'-0"



② **INTERMEDIATE LEVEL PLAN - AREA A**
SCALE: 1/8" = 1'-0"

REMOVAL NOTES: (#)

1. DISCONNECT AND REMOVE EXISTING DUCTWORK, SUPPORTS, AND ALL ASSOCIATED APPURTENANCES AS SHOWN UP TO ROOF HOOD. G.C. TO PATCH OPENING IN ROOF.
2. DISCONNECT AND REMOVE EXISTING DUCTWORK, SUPPORTS, AND ALL ASSOCIATED APPURTENANCES AS SHOWN UP TO ROOF MOUNTED EXHAUST FAN.
3. DISCONNECT AND REMOVE EXISTING ROOF MOUNTED HOOD, DUCTWORK, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES. IF EXISTING ROOF CURB IS NOT TO BE RE-USED, IT SHALL BE REMOVED BY OTHERS.
4. DISCONNECT AND REMOVE EXISTING ROOF MOUNTED EXHAUST FAN, DUCTWORK, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES.



KEY PLAN
NO SCALE

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Drawing Number :
MP 202

Drawing Title :
INTERMEDIATE AND
MAIN LEVELS
REMOVAL PLAN - AREA A
HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

Revision :
ISSUED FOR BID
2/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

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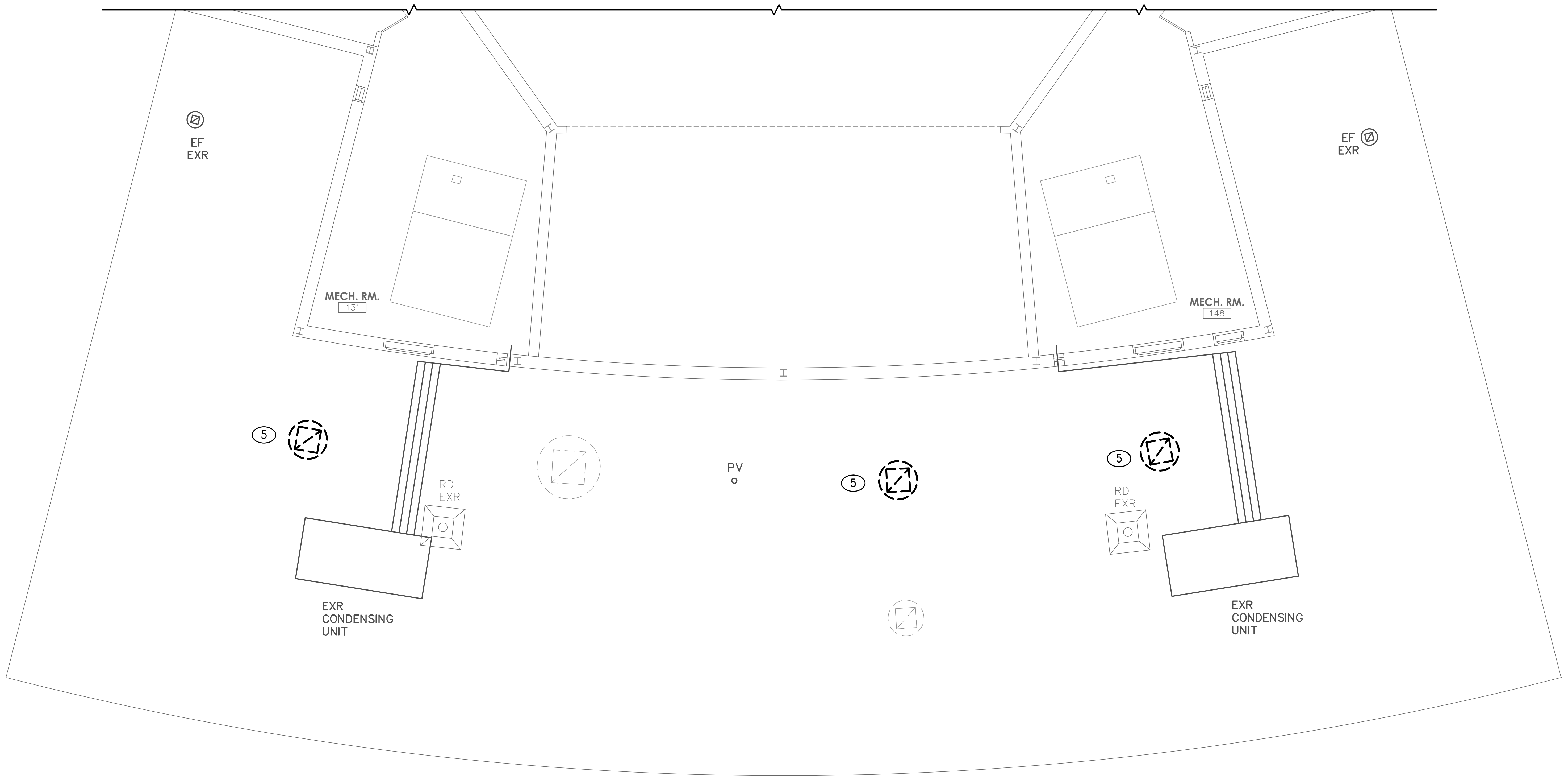
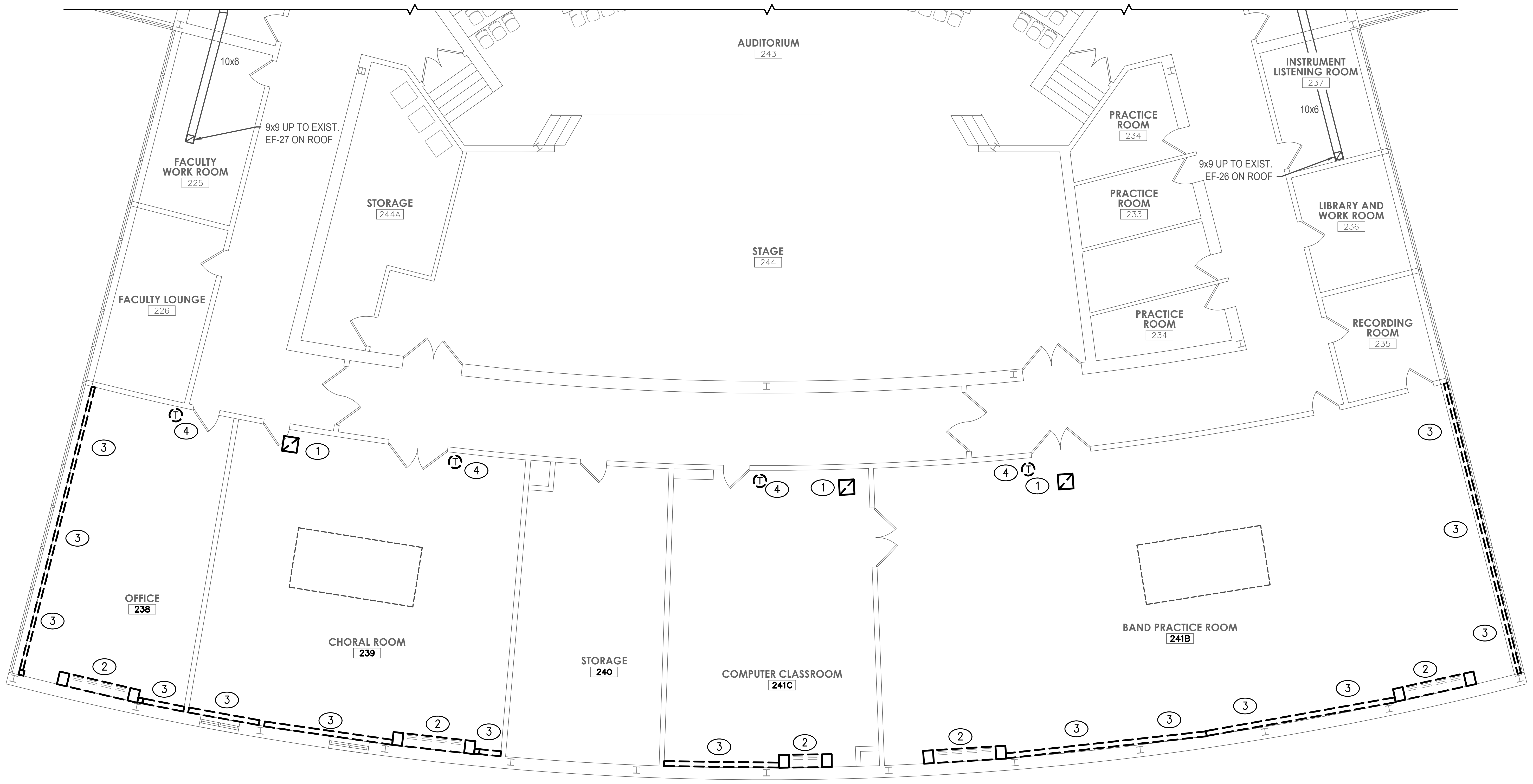


1 **MAIN LEVEL PLAN - AREA A**
SCALE: 1/8" = 1'-0"

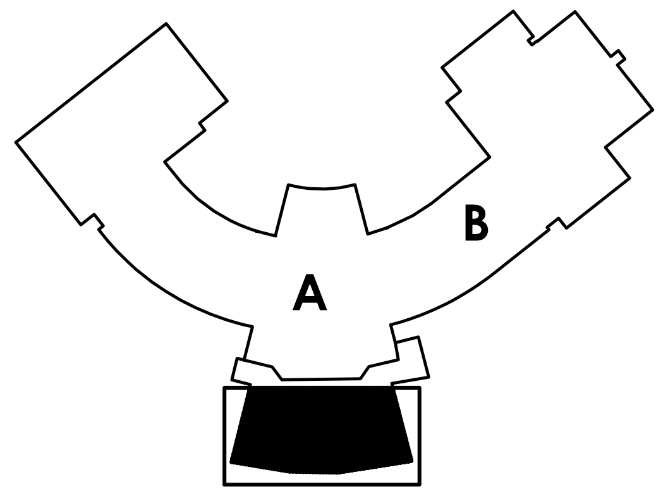


1 **INTERMEDIATE LEVEL PLAN - AREA A**
SCALE: 1/8" = 1'-0"

ALL WORK ON THIS DRAWING SHALL BE PART OF ALTERNATE 4-M

REMOVAL NOTES: #

1. DISCONNECT AND REMOVE EXISTING DUCTWORK, SUPPORTS, AND ALL ASSOCIATED APPURTENANCES AS SHOWN UP TO EXHAUST FAN. G.C. TO PATCH OPENING IN ROOF.
2. DISCONNECT AND REMOVE EXISTING UNIT VENT WITH ALL CONTROLS, PIPING, ACCESSORIES, SLEEVE AND LOUVER.
3. DISCONNECT AND REMOVE EXISTING HW FIN, PIPING, OR PIPE ENCLOSURE WITH ALL HANGERS, CONTROLS AND PIPING.
4. REMOVE EXISTING THERMOSTAT WITH ANY RACEWAY AND WIRING.
5. DISCONNECT AND REMOVE EXISTING ROOF MOUNTED EXHAUST FAN, DUCTWORK, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES.



KEY PLAN
NO SCALE

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Drawing Number :
MP 203

Drawing Title :
INTERMEDIATE
REMOVAL PLAN - AREA A

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

Revision :
ISSUED FOR BID
2/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

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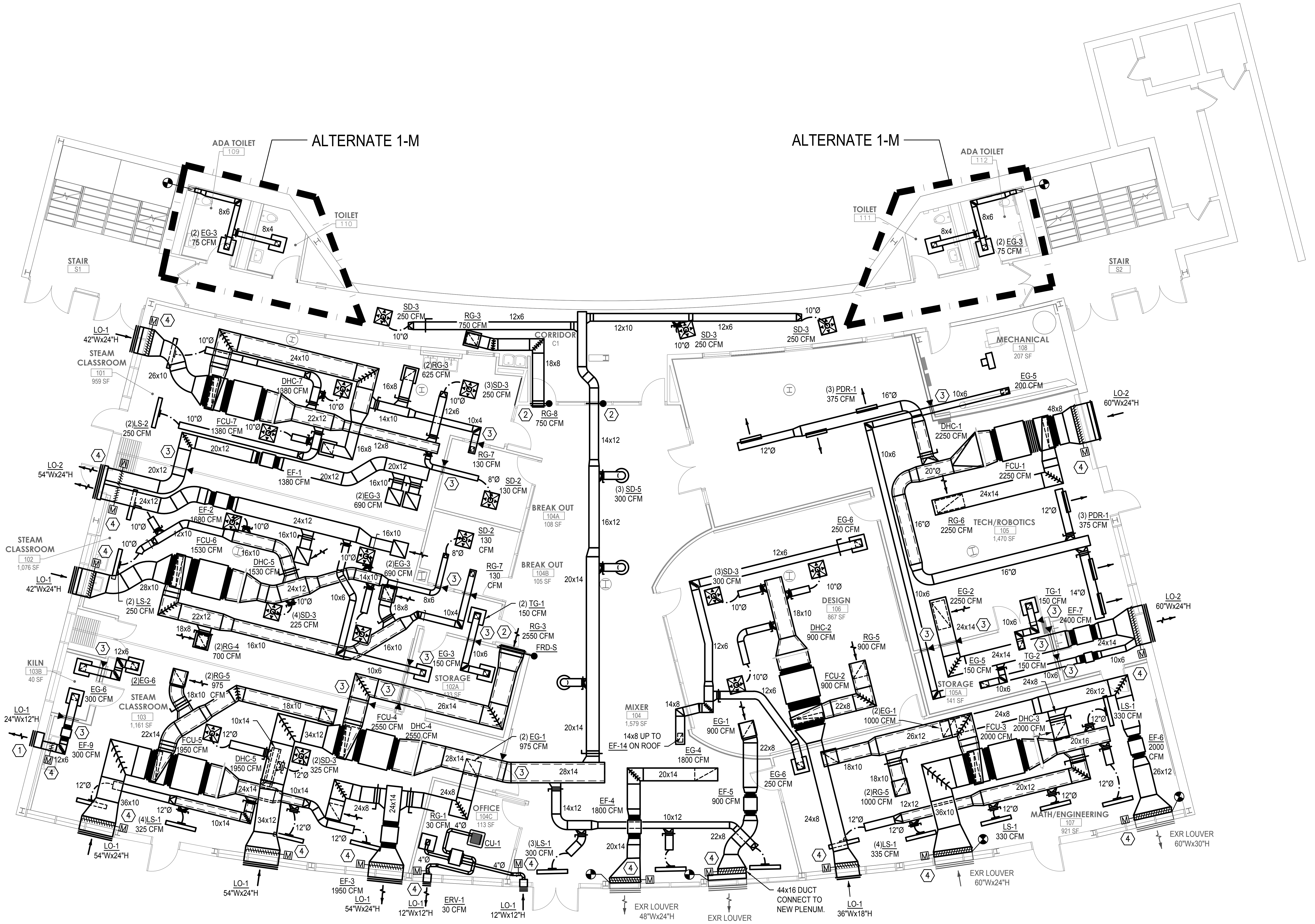
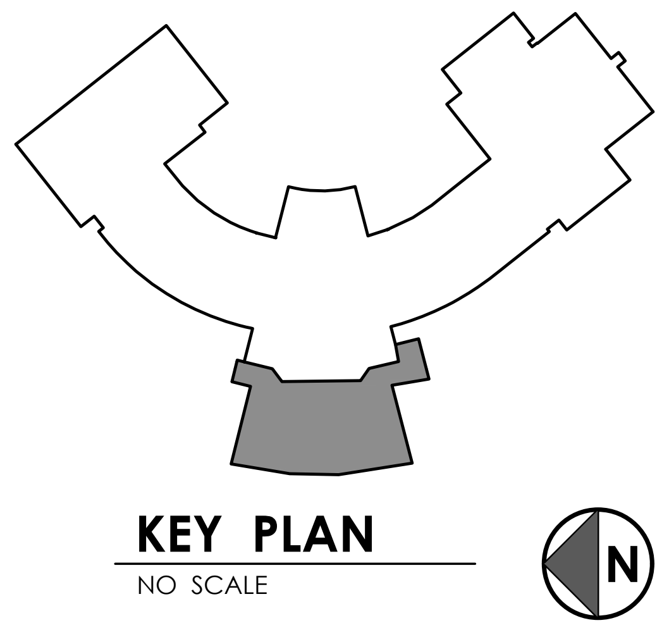
DRAWING NOTES: ⬡

1. PROVIDE SKUIT ENVIROVENT EXHAUST SYSTEM FOR KILN. PROVIDE MANUFACTURES KIT THAT INCLUDES CONTROLS,FAN AND FLEX DUCT. FAN SHALL CONNECT TO A WALL LOUVER.
2. PROVIDE FRD-S DAMPER WITH ACCESS DOOR IN DUCTWORK.
3. PROVIDE FRD-B DAMPER WITH ACCESS DOOR IN DUCTWORK.
4. PROVIDE ME-1/D-1 IN DUCTWORK.



1 LOWER LEVEL PLAN

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



KEY PLAN

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
LOWER LEVEL
DUCTWORK PLAN

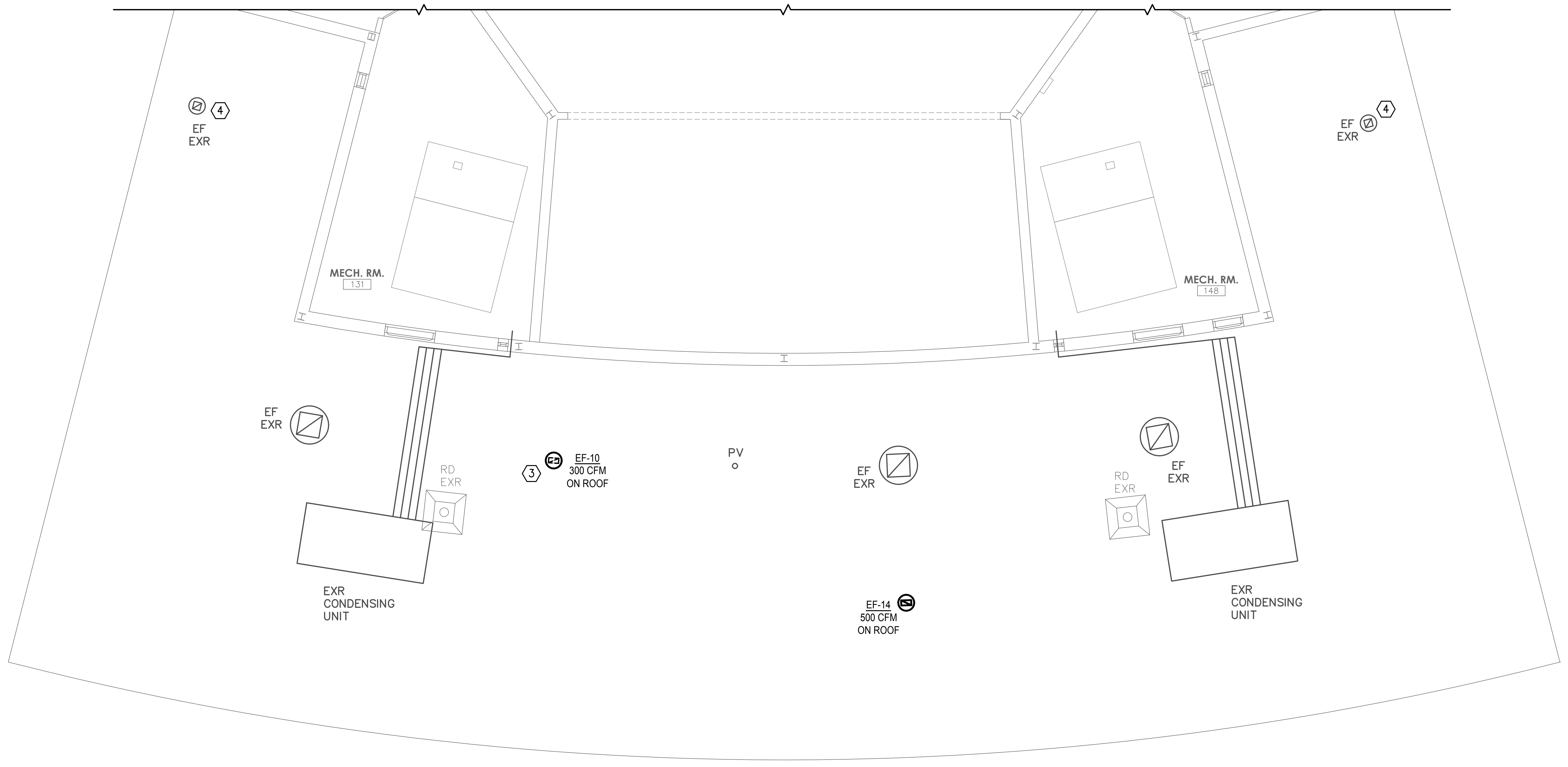
HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

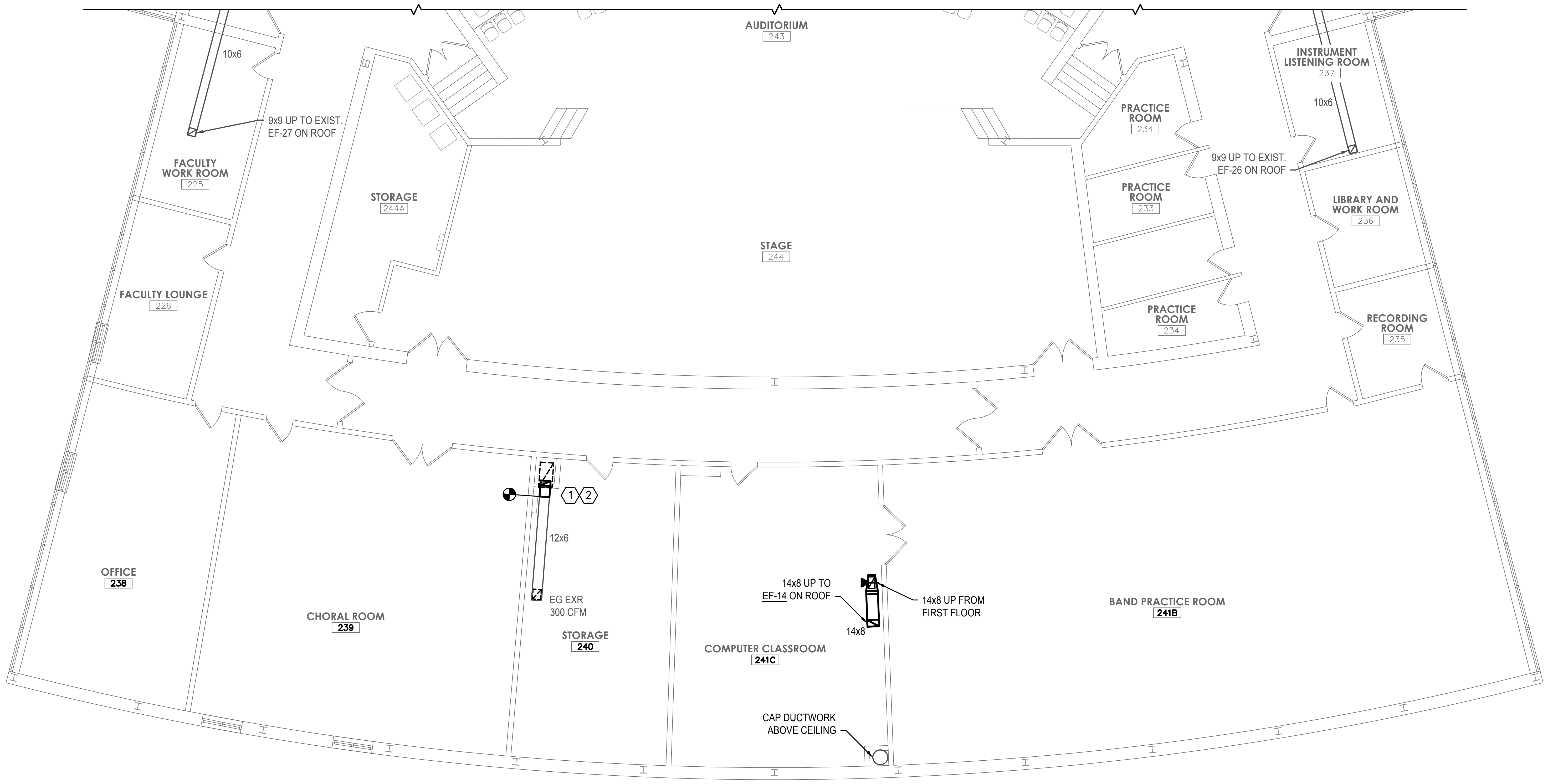
Drawing Number :
MP 301

DRAWING NOTES: ⟨#⟩

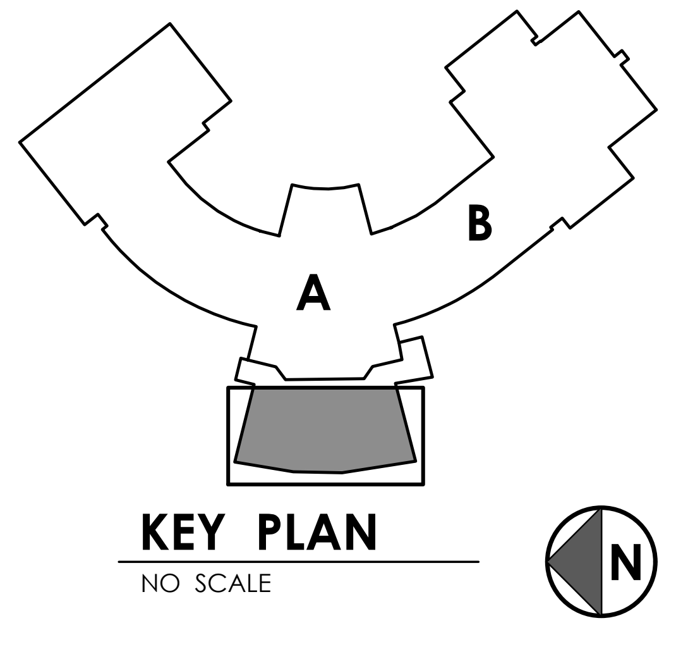
1. REMOVE EXISTING 30x16 DUCT UP FROM LOWER LEVEL IN CHASE.
2. EXTEND 12x6 EXISTING EXHAUST DUCT UP TO NEW EF-10 FAN ON ROOF.
3. PROVIDE NEW ADAPTER CURB FOR NEW ROOF FAN.
4. RE-BALANCE EXISTING ROOF MOUNTED EXHAUST FAN TO 150 CFM IF ALTERNATE 1-M IS ACCEPTED.



1 **MAIN LEVEL PLAN - AREA A**
SCALE: 1/8" = 1'-0"



2 **INTERMEDIATE LEVEL PLAN - AREA A**
SCALE: 1/8" = 1'-0"



KEY PLAN
NO SCALE

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Peekskill City School District
Peekskill, New York

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2/01/2021

Drawing Title :
INTERMEDIATE AND
MAIN LEVELS
DUCTWORK PLAN - AREA A
HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

Drawing Number :
MP 302

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
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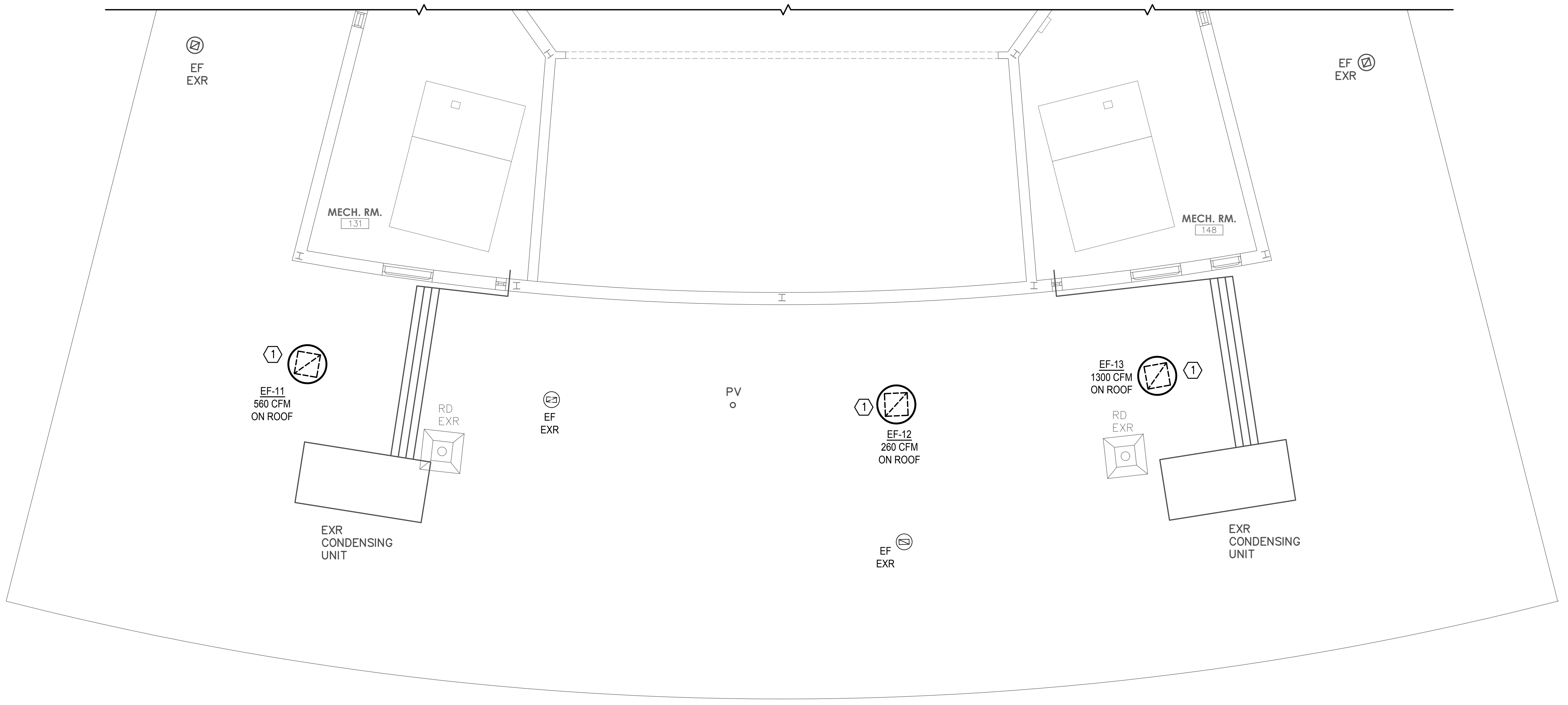
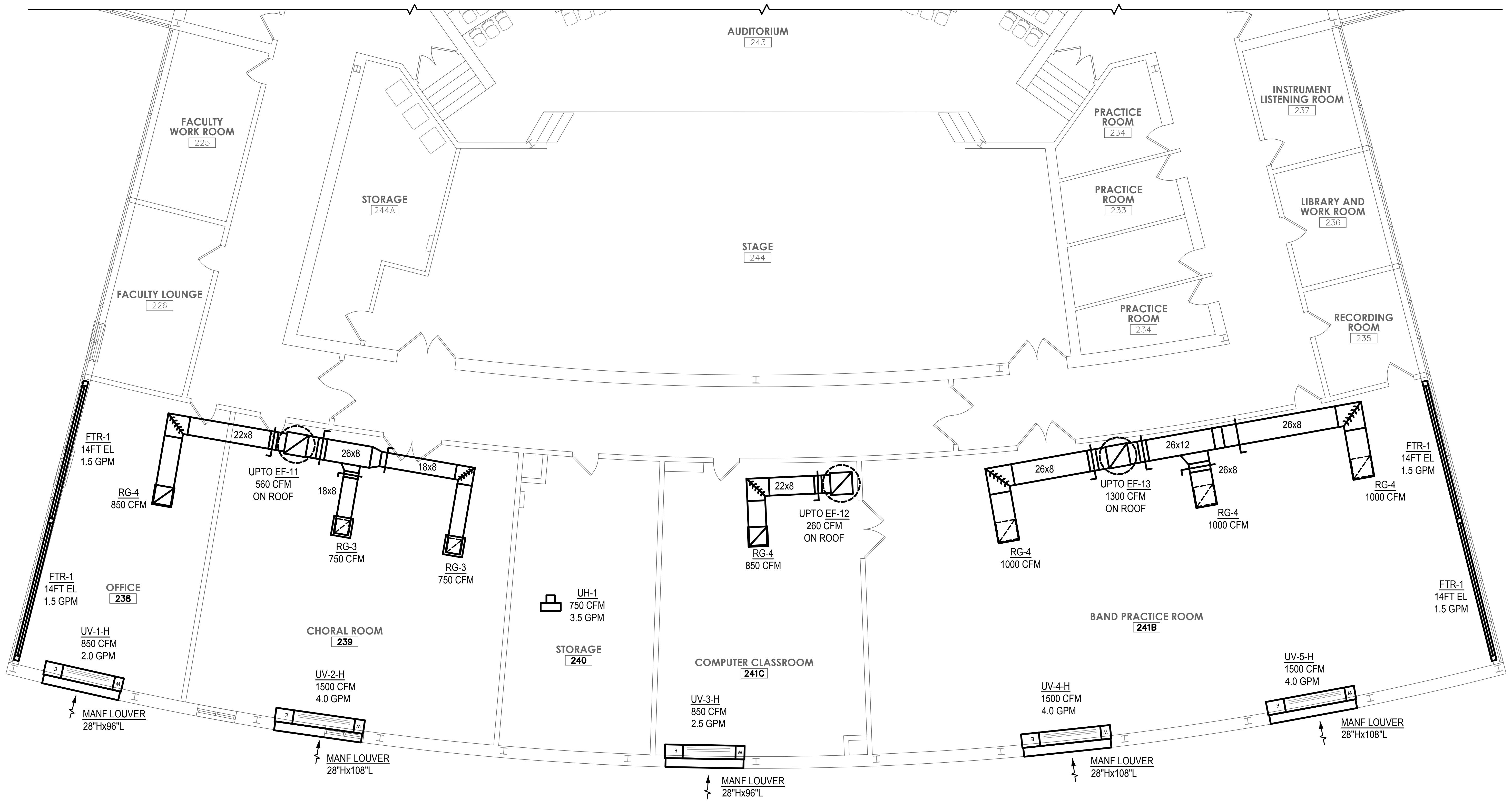


1 MAIN LEVEL PLAN - AREA A

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

N



2 INTERMEDIATE LEVEL PLAN - AREA A

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

N

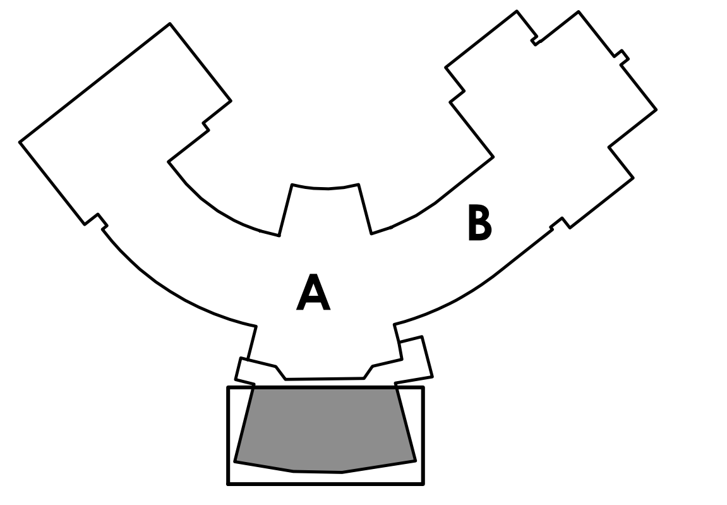
ALL WORK ON THIS DRAWING SHALL BE PART OF ALTERNATE 4-M

GENERAL NOTES:

1. LOUVER TO BE DARK BRONZE COLOR AND BE MOUNTED IN BRICK WALL.

DRAWING NOTES: ⟨#⟩

1. INSTALL NEW EXHAUST FAN ON EXISTING CURB. PROVIDE CURB ADAPTER.



KEY PLAN

NO SCALE

N

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
INTERMEDIATE AND
MAIN LEVELS
DUCTWORK PLAN - AREA A
HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

Drawing Number :
MP
303

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
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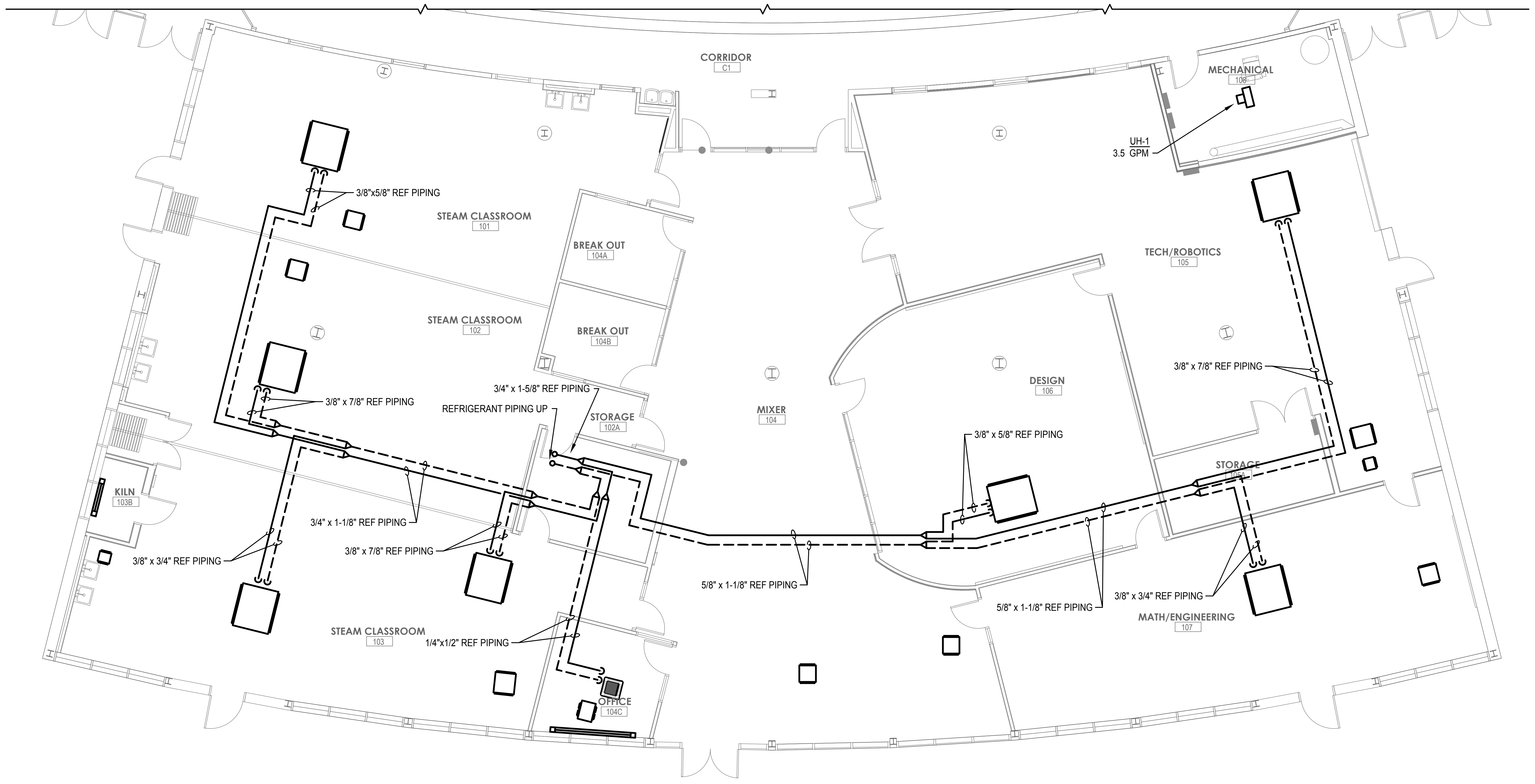
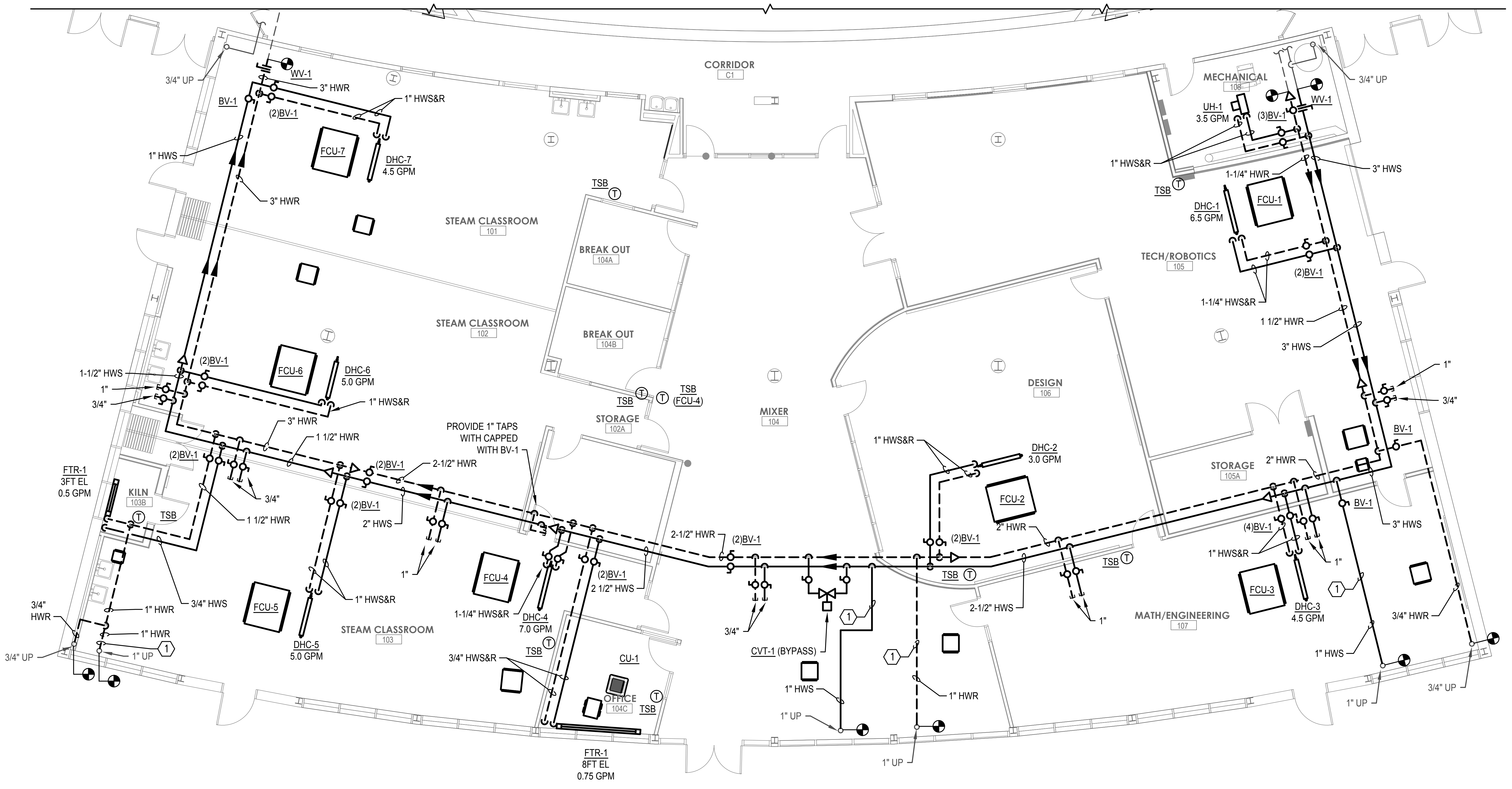


1 LOWER LEVEL PLAN

SCALE: 1/8" = 1'–0"



2 LOWER LEVEL PLAN

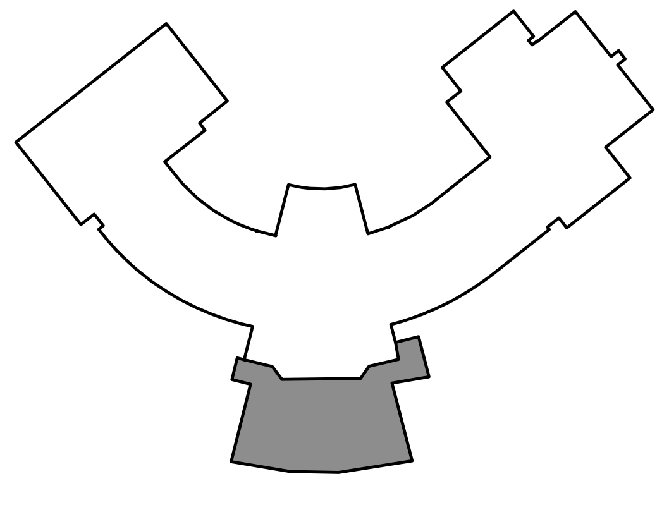
SCALE: 1/8" = 1'–0"

GENERAL NOTES:

A. VERIFY REFRIGERANT PIPE SIZES WITH MANUFACTURER PRIOR TO INSTALLATION. SIZES MAY CHANGE BASED ON PIPE ROUTING.

DRAWING NOTES: ⬡

1. IF ALTERNATE 4-M IS ACCEPTED, THIS PIPE WILL NOT BE INSTALLED SINCE THE UNITS ON THE FLOOR ABOVE WILL BE REMOVED.



KEY PLAN

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

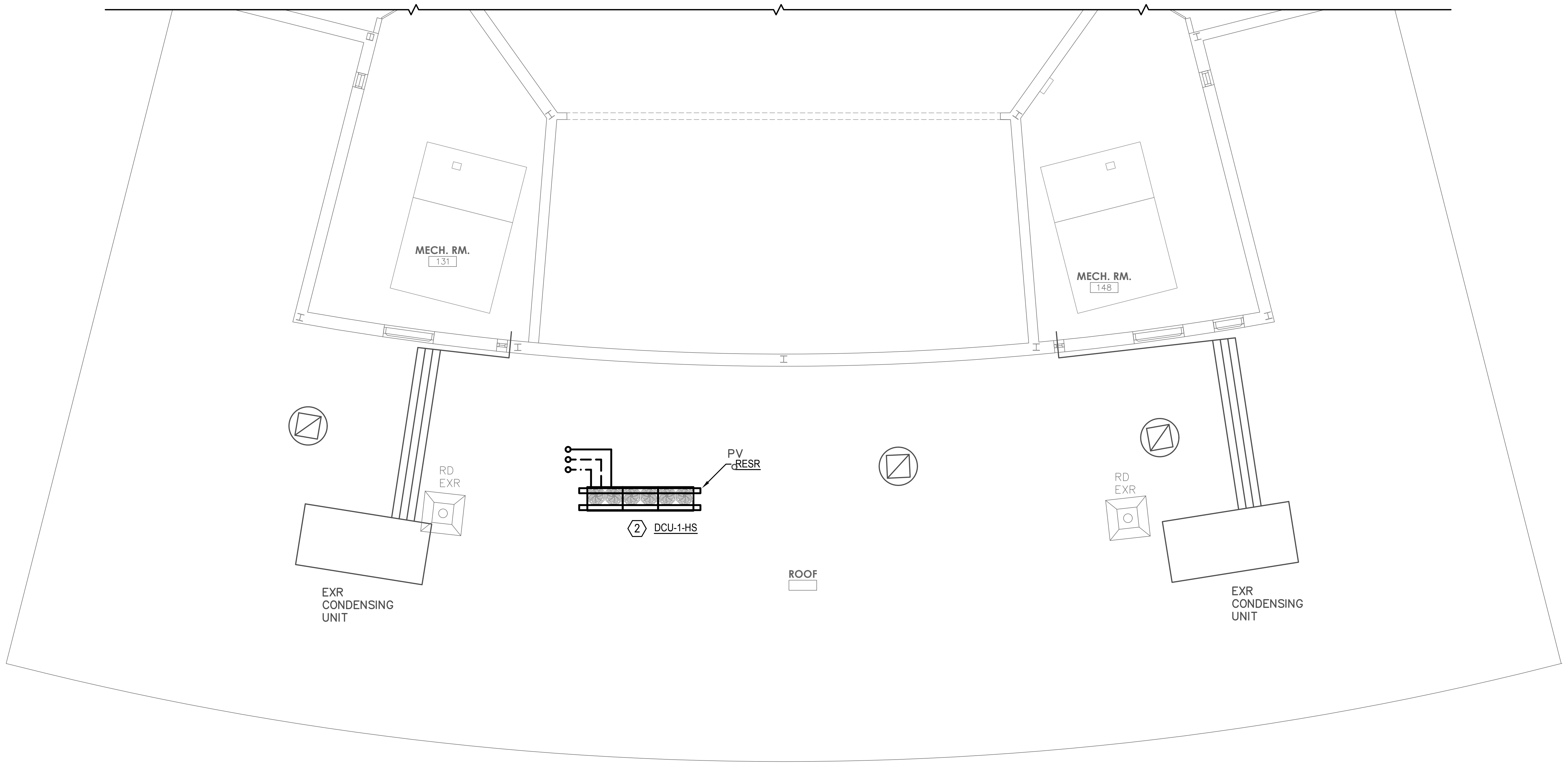
Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
LOWER LEVEL
PIPING PLAN

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

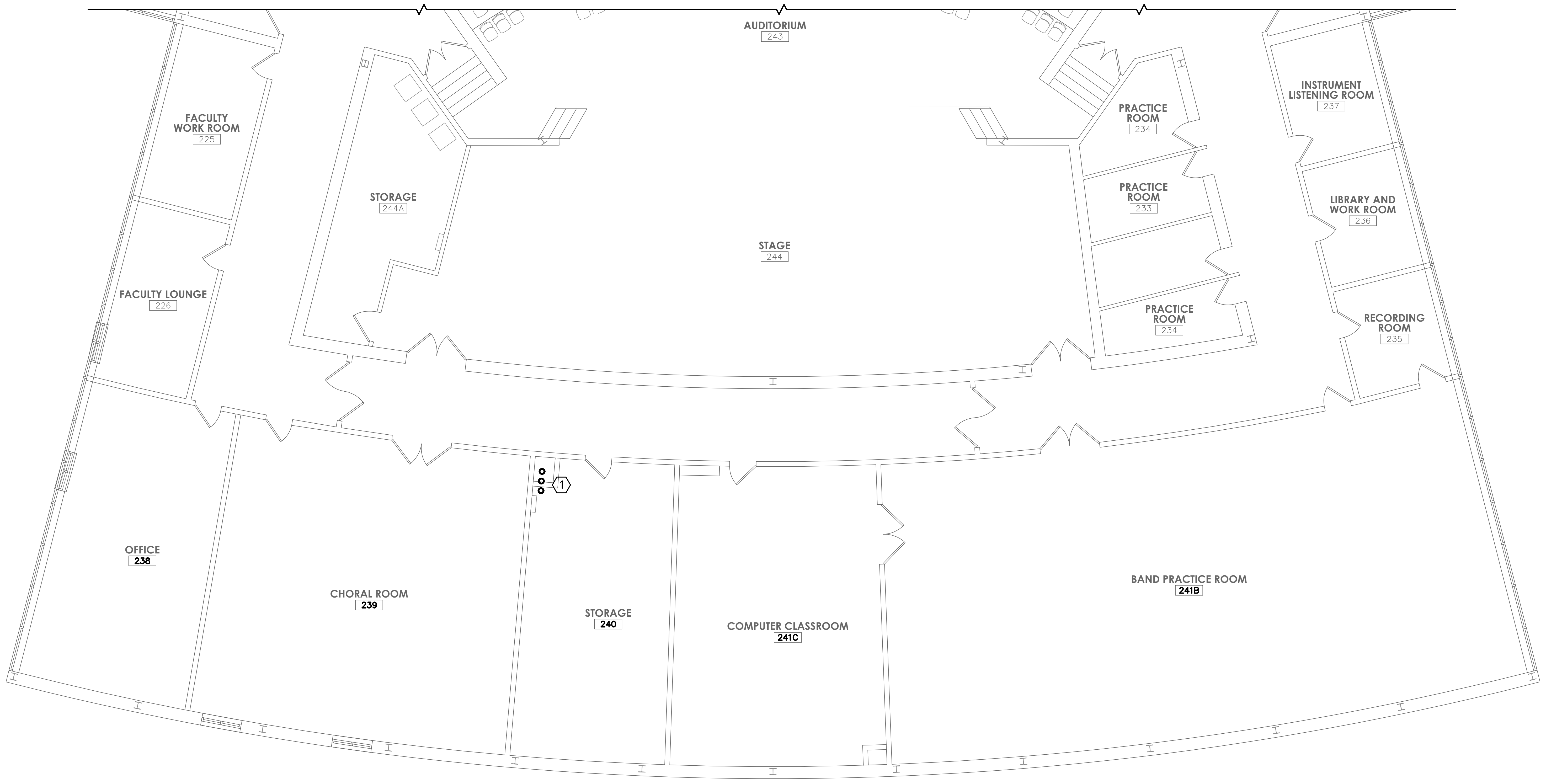
Drawing Number :
MP
401



1 MAIN LEVEL PLAN - AREA A

SCALE: 1/8" = 1'–0"

N



2 INTERMEDIATE LEVEL PLAN - AREA A

SCALE: 1/8" = 1'–0"

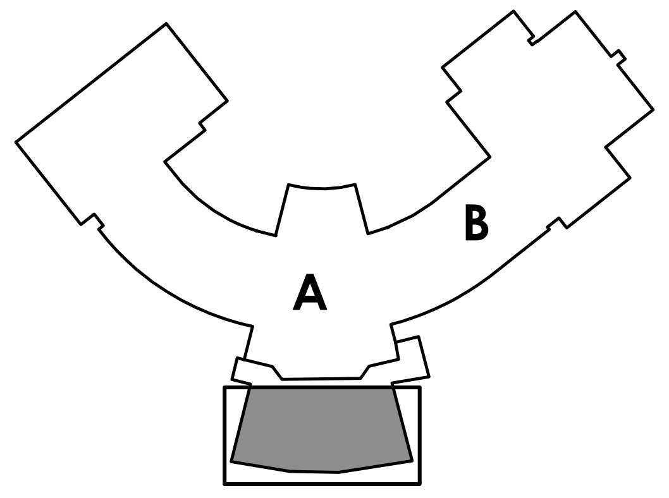
N

GENERAL NOTES:

A. COORDINATE WITH HAZMAT CONTRACTOR FOR ABATEMENT WORK IN THIS AREA.

DRAWING NOTES: ⬡

1. ROUTE REFRIGERANT PIPING FROM CONDENSING ON ROOF ABOVE DOWN TO LOWER LEVEL. PROVIDE PIPE ENCLOSURE OVER PIPING.
2. INSTALL CONDENSING UNIT ON ROOF EQUIPMENT FRAME. FURNISH PITCH POCKET FOR GC TO INSTALL. CONNECT REFRIGERANT PIPING TO CONDENSING UNIT ACCORDING TO MANUFACTURERS RECOMMENDATIONS.



KEY PLAN

NO SCALE

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Alterations to School District Facilities
Phase Two

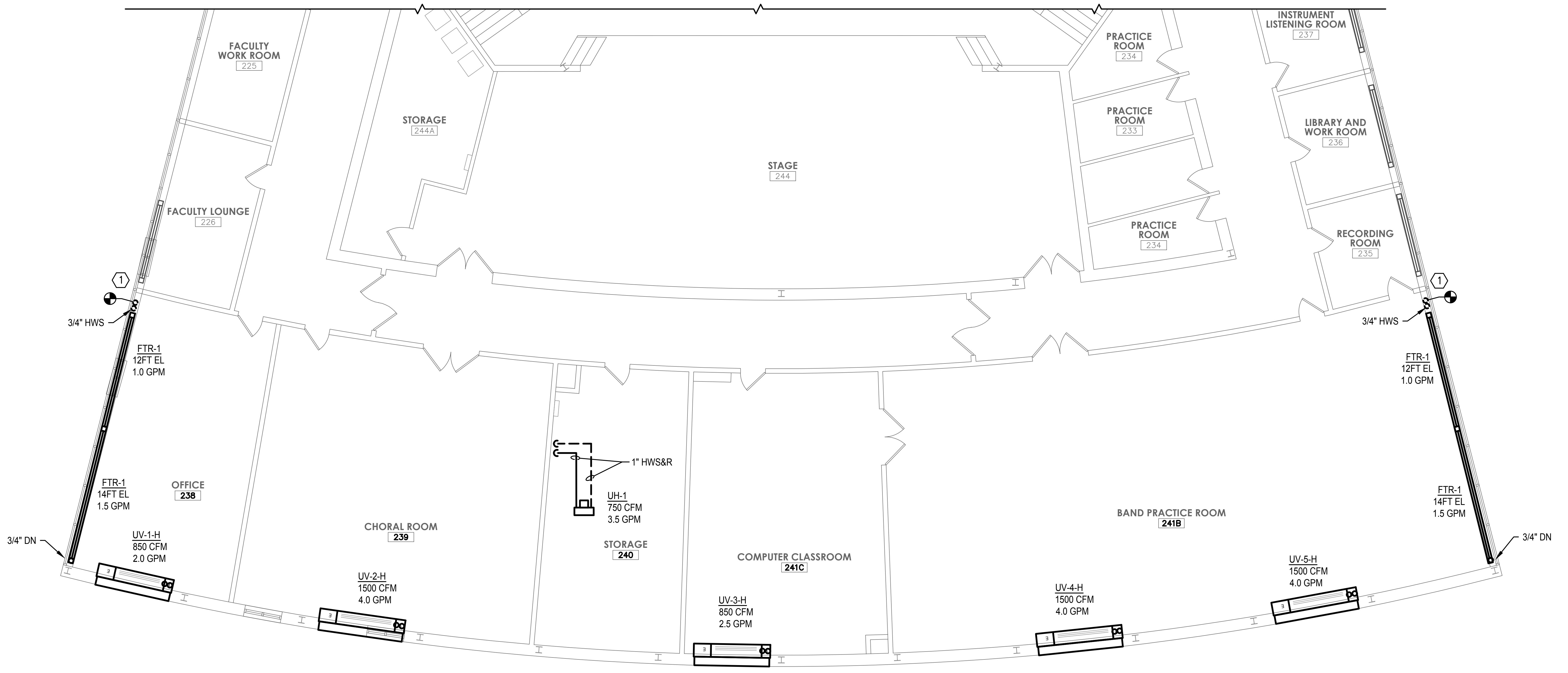
Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
INTERMEDIATE AND
MAIN LEVELS
PIPING PLAN - AREA A
HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

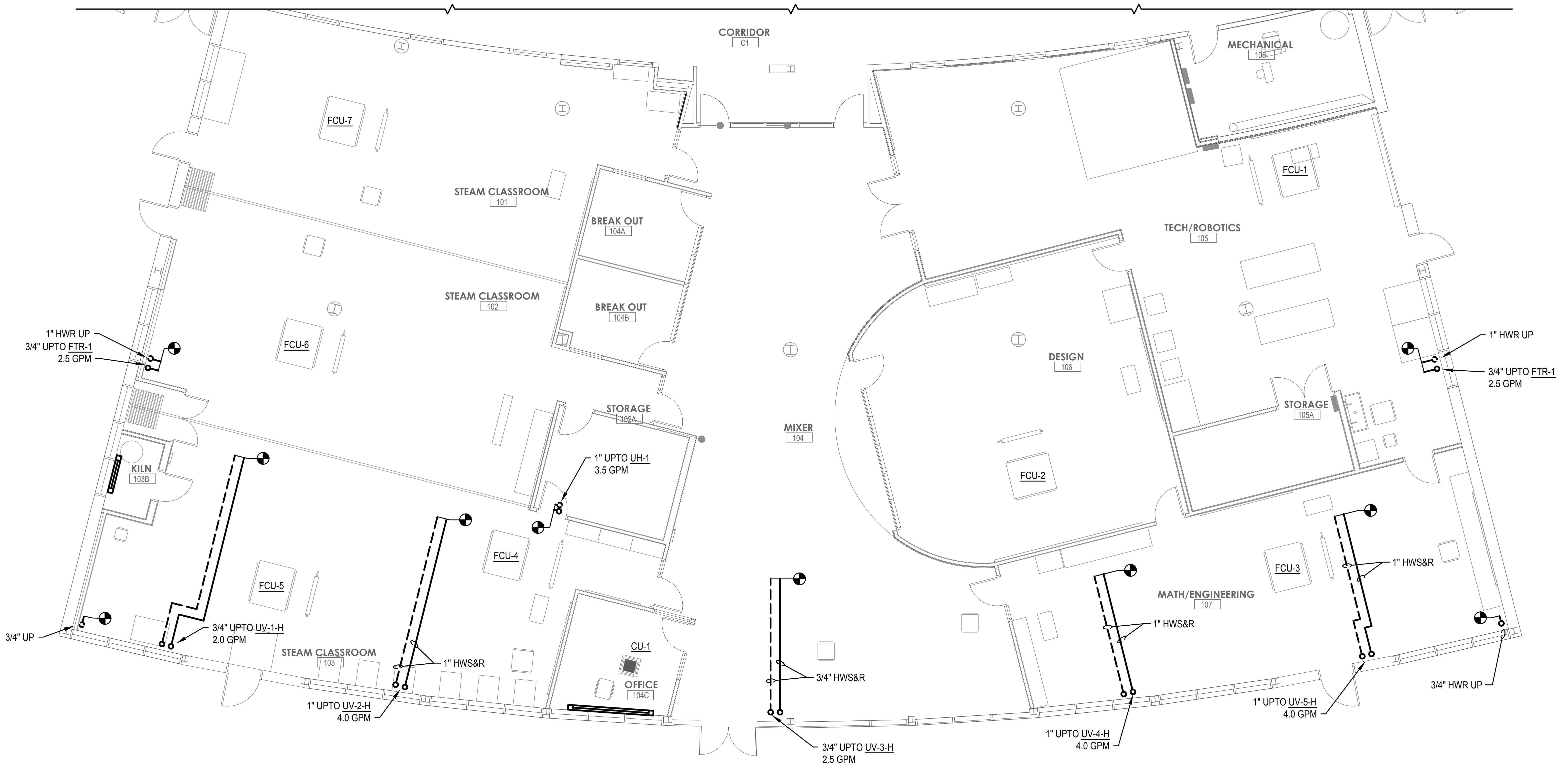
Drawing Number :
MP
402



1 INTERMIDIATE LEVEL PLAN

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

N



1 LOWER LEVEL PLAN

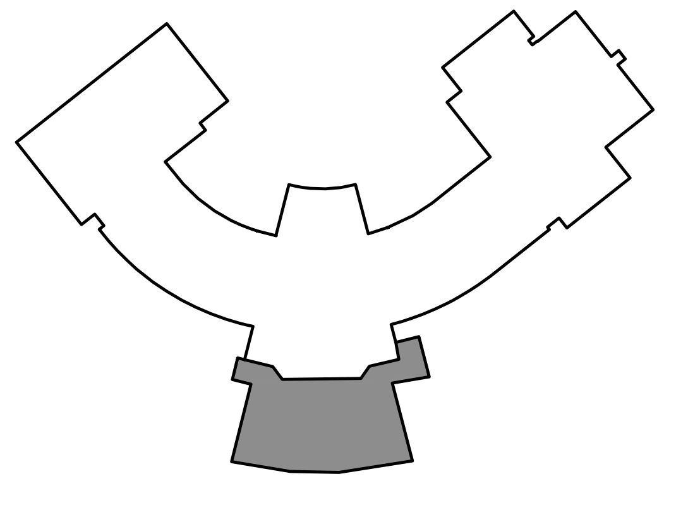
SCALE: 1/8" = 1'-0"

N

ALL WORK ON THIS DRAWING SHALL BE PART OF ALTERNATE ______

DRAWING NOTES: #

1. CONNECT 1" HWR PIPING INTO EXISTING PIPING IN ADJACENT ROOM. CAP EXISTING SUPPLY PIPING.



KEY PLAN

NO SCALE

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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2/01/2021

Drawing Title :
LOWER AND INTERMIDIATE LEVEL PIPING PLAN

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

Drawing Number :
MP 403

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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DRAWING NOTES: ⟨#⟩

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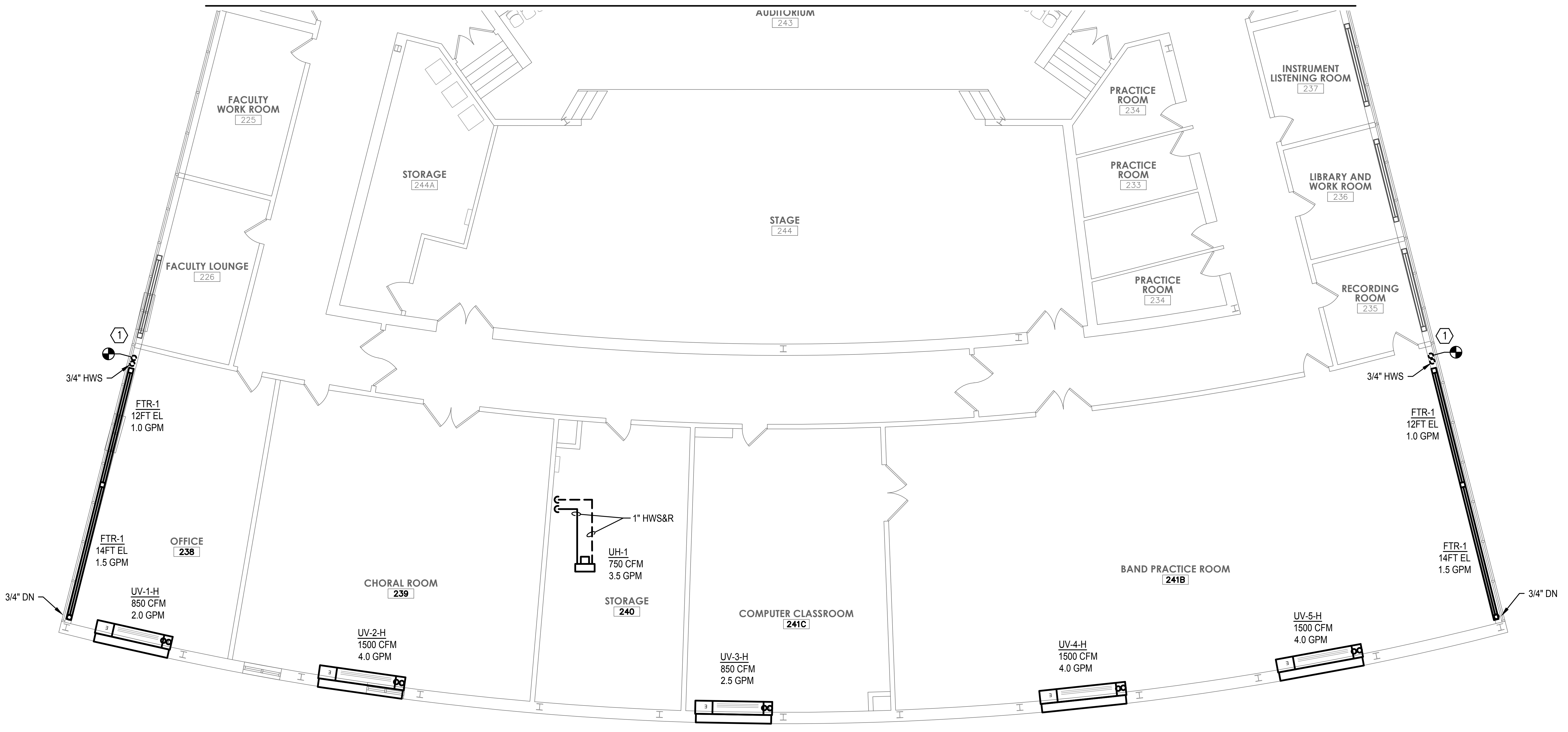
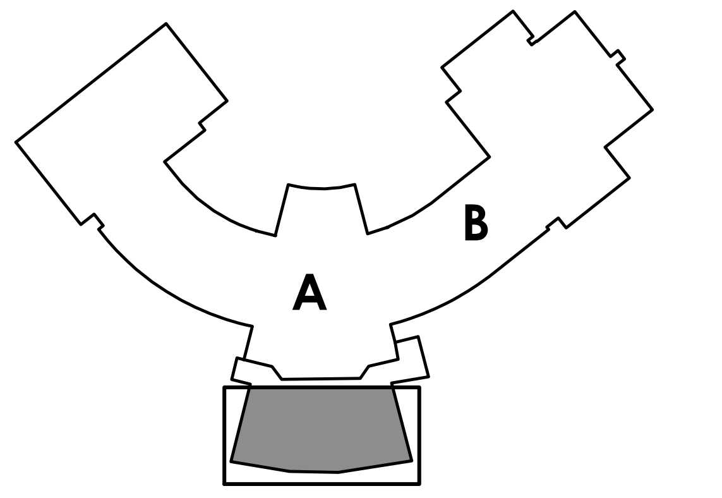


1 INTERMEDIATE LEVEL PLAN - AREA A

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

N

ALL WORK ON THIS DRAWING SHALL BE PART OF ALTERNATE 4-M



KEY PLAN

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PIPING PLAN - AREA A
HIGH SCHOOL

APN : 1901.2
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Drawn by : DMB

Drawing Number :
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S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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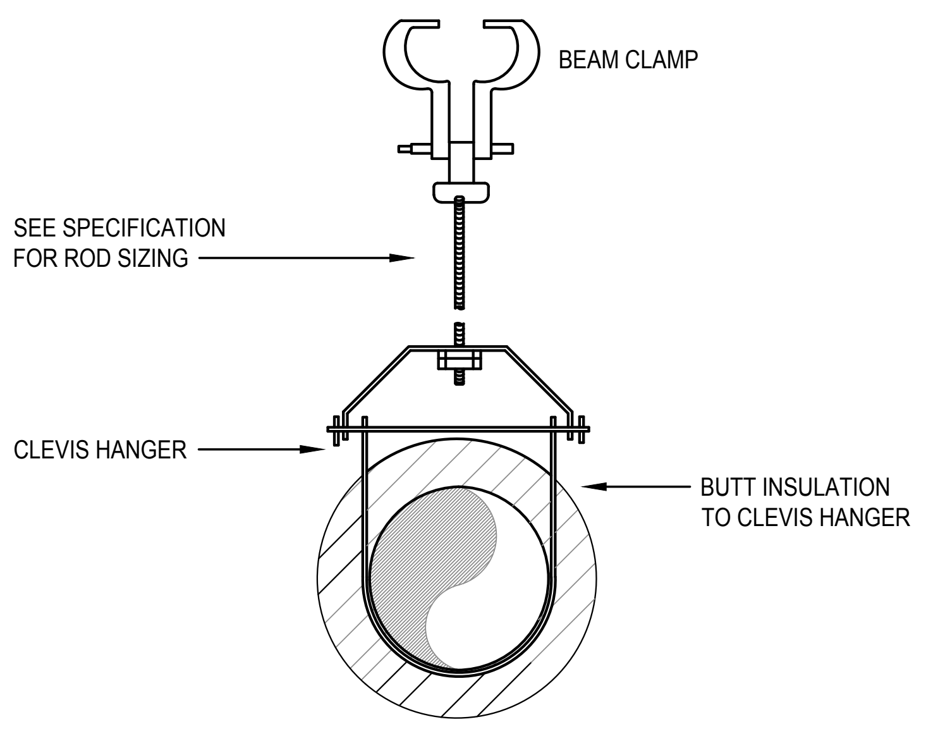
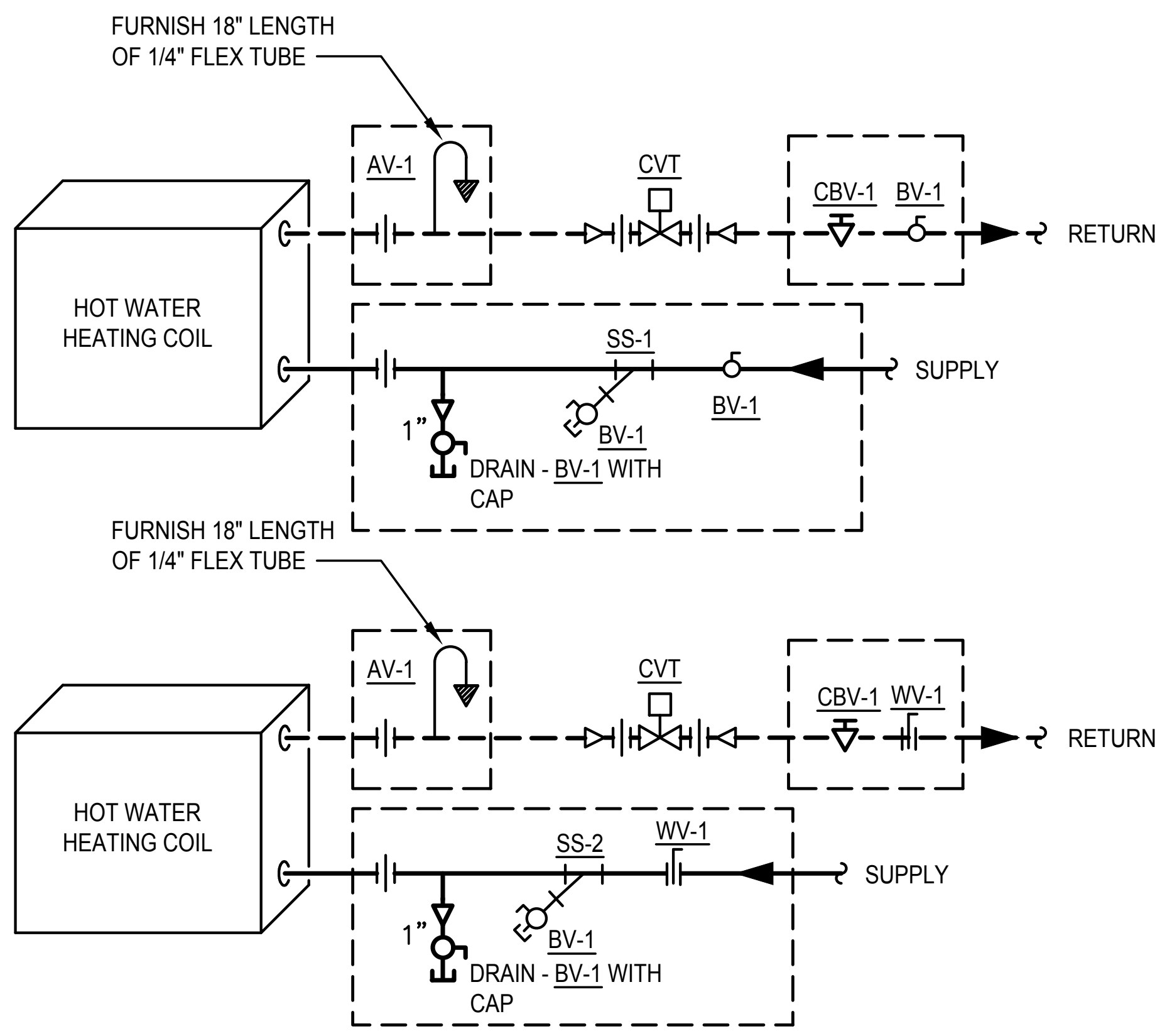

BEAM CLAMP
SEE SPECIFICATION FOR ROD SIZING
CLEVIS HANGER
BUTT INSULATION TO CLEVIS HANGER

1 HW PIPING MAIN HANGER

SCALE : NONE

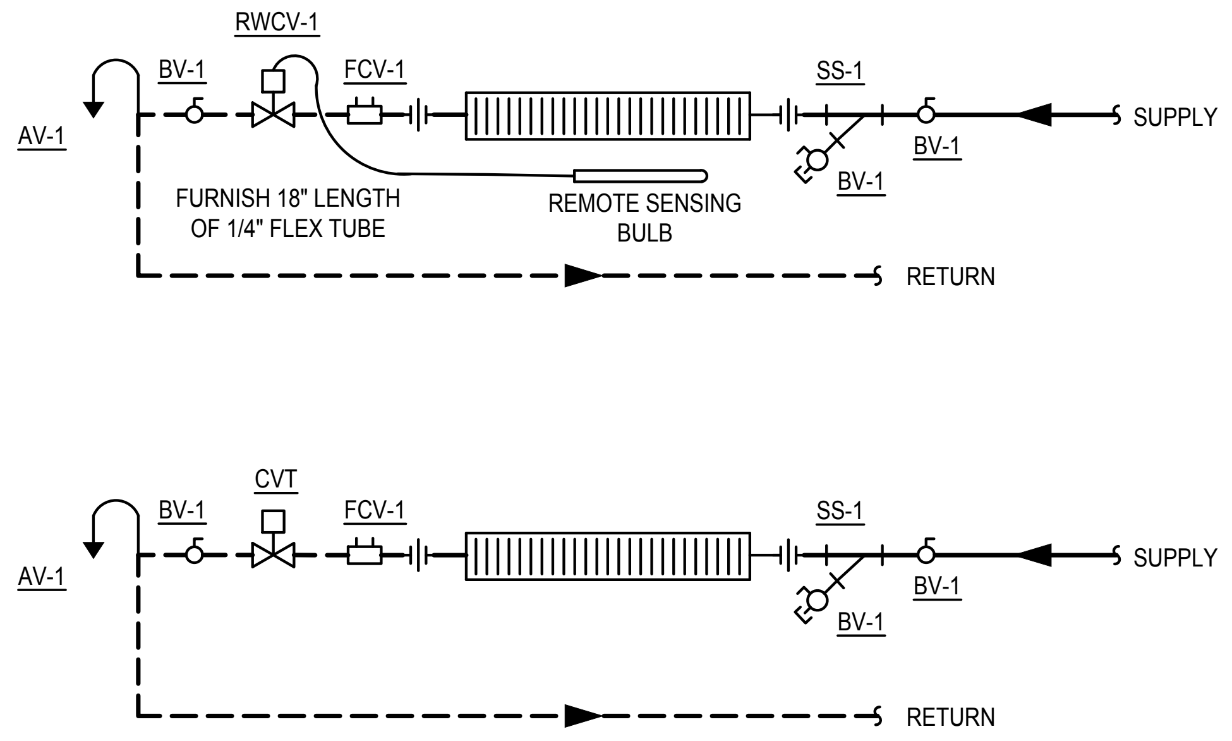
NOTES:
1. PROVIDE ANCHORS FOR CONNECTION INTO DECKING.



2 TYPICAL AHU, RTU, DHC, VAV AND UV COIL PIPING DIAGRAM (2-WAY CONTROL VALVE)

SCALE : NONE

NOTES:
1. FCV SIZED TO MATCH FLOW.
2. PROVIDE UNIONS ON COIL AND CONTROL VALVE CONNECTIONS.
3. AREAS SHOWN IN DASHED BOXES WILL BE ALLOWED FOR COIL KITS.
4. COILS KITS THAT ARE SUPPLIED WITH FLEXIBLE HOSES WILL BE REJECTED WITHOUT REVIEW.



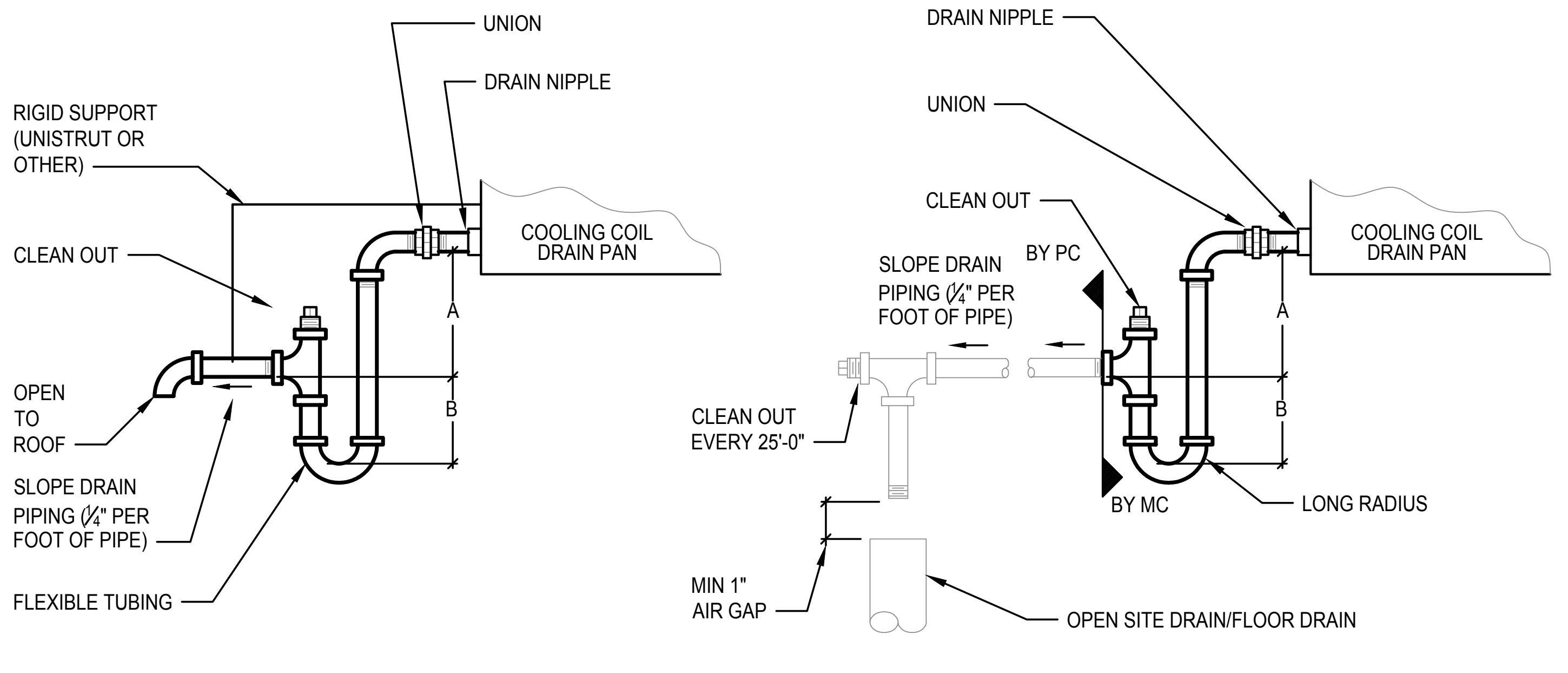
3 TYPICAL FIN TUBE PIPING DIAGRAM (HW)

SCALE : NONE

NOTES:
1. FIN TUBE MFR. TO FURNISH ACCESS DOORS AT ALL VALVE LOCATIONS.
2. WHERE INDICATED ON PLANS OR TEMPERATURE CONTROL DIAGRAM, FURNISH OTHER TYPE CONTROL VALVE BY TEMPERATURE CONTROL CONTRACTOR WHERE INDICATED ON PLANS OR TEMPERATURE CONTROL DIAGRAM.
3. FCV SIZED TO MATCH FLOW.

DRAW-THRU UNIT			BLOW-THRU UNIT		
MAX NEGATIVE PRESSURE	MIN A (IN.)	MIN B (IN.)	MAX POSITIVE PRESSURE	MIN A (IN.)	MIN B (IN.)
1	2	1.5	1	1	1
2	3	2.0	2	1	2
3	4	2.5	3	1	3
4	5	3.0	4	1	4
5	6	3.5	5	1	5
6	7	4.0	6	1	6
7	8	4.5	7	1	7
8	9	5.0	8	1	8
9	10	5.5	9	1	9
10	11	6.0	10	1	10

DRAIN SIZE CHART	
COOLING CAPACITY (TONS)	MIN PIPE DIAMETER (IN.)
UP TO 20	¾
20-40	1
40-90	1-1/4
90-125	1-1/2
125-250	2



ROOFTOP EQUIPMENT

AIR HANDLING EQUIPMENT

5 COOLING COIL DRAIN DIAGRAM

SCALE : NONE

NOTES:
1. DRAIN PIPE SIZING SHALL NOT BE SMALLER THAN EQUIPMENT DRAIN CONNECTION.

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

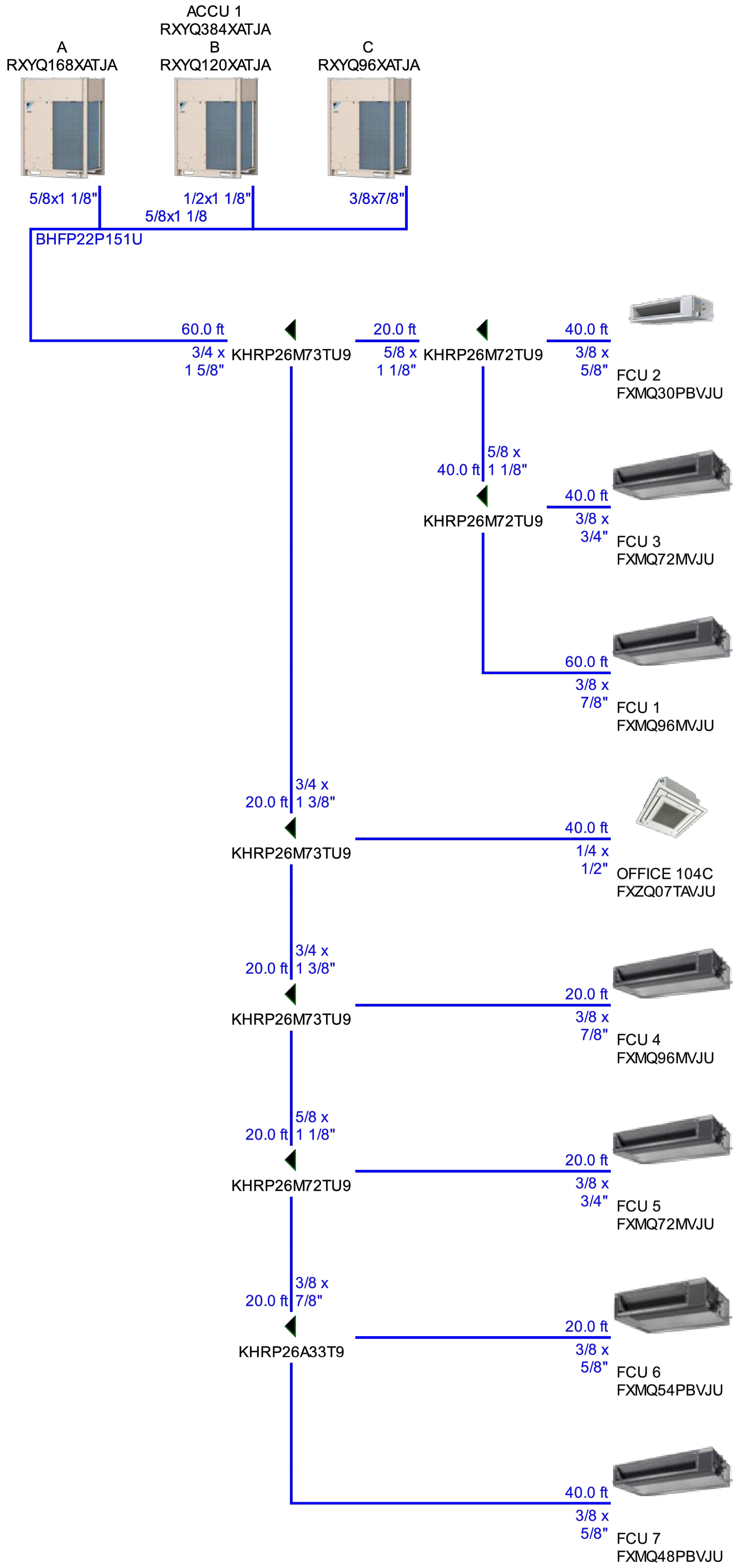
Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
HVAC DETAILS AND DIAGRAMS

HIGH SCHOOL

APN : 1901.2 | Date : October 2, 2020 | Drawn by : DMB

Drawing Number :
MP 601



1 **REFRIGERANT PIPING DIAGRAM**

SCALE : NONE

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Drawing Number :

MP 602

Drawing Title :

HVAC DETAILS AND DIAGRAMS

HIGH SCHOOL

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Date : October 2, 2020

Drawn by : DMB

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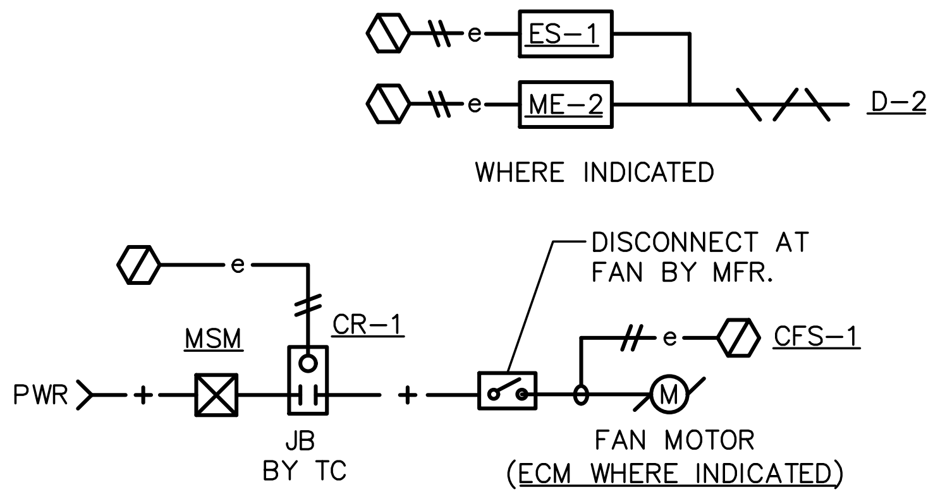
POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC
		AI	AO	DI	DO	AV	BV	SCHED	TREND	ALARM	
FAN START/STOP	CR–1				X			X	X		X
FAN STATUS	CFS–1			X					X	X	X
FAN SPEED (ECM)			X		X				X		X
DAMPER OPEN/CLOSE	ME–2				X			X	X		X
END SWITCH	ES–1				X			X	X		X

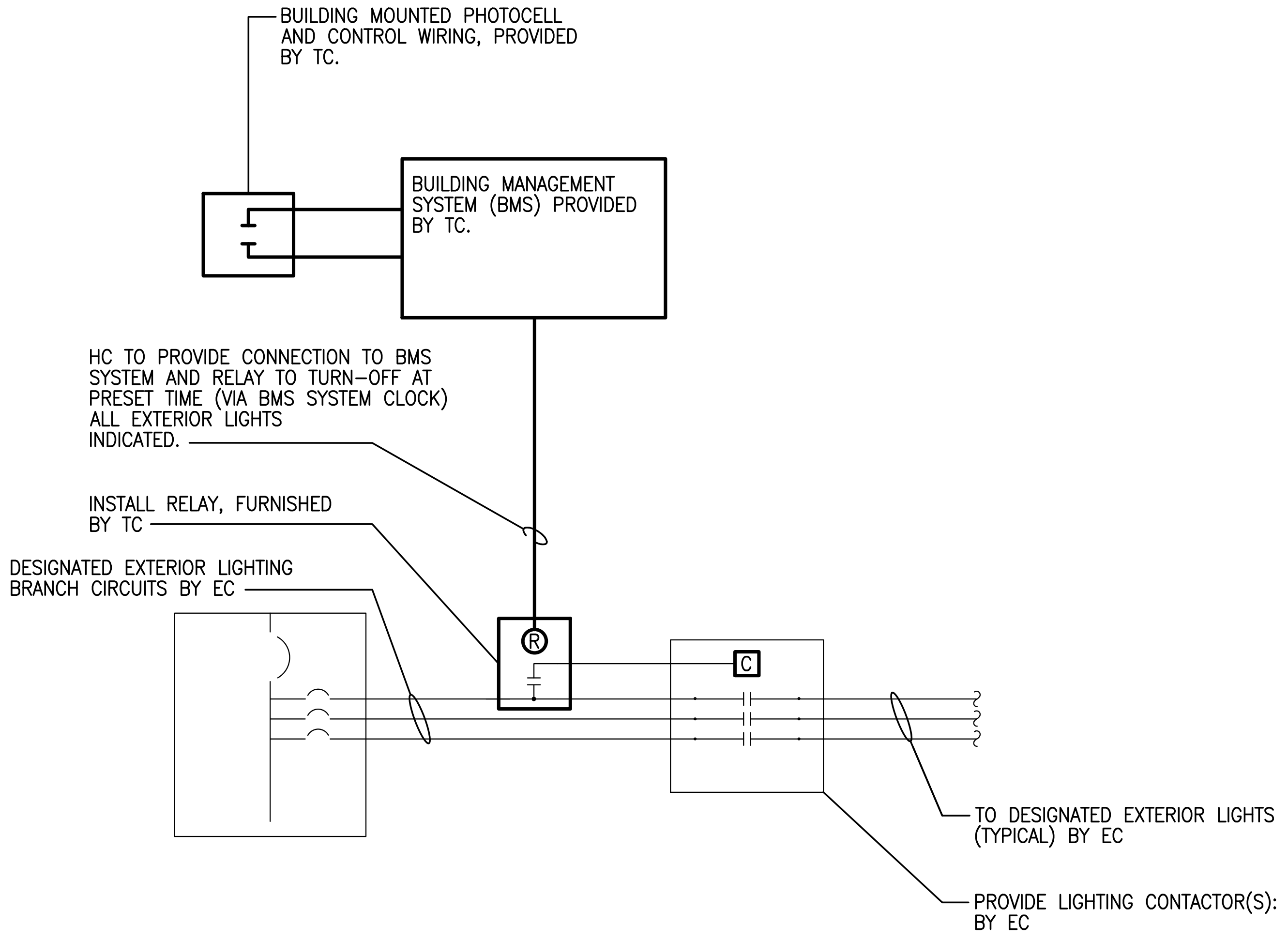


1 EXHAUST FAN CONTROLS DIAGRAM

SCALE : NONE

A. EXHAUST FANS SEQUENCE:

1. ALL EXHAUST FANS SHALL RUN CONTINUOUSLY DURING DAY CYCLE. ALL FANS SHALL BE SHUT OFF ON NIGHT CYCLE. WHEN FAN IS ENERGIZED, DAMPER (D–2) (WHERE INDICATED), SHALL OPEN.
2. EXHAUST FANS SHALL BE INDIVIDUALLY CONNECTED TO LOCAL D/N ZONES OR RELATED AHU SYSTEMS.
3. END SWITCH TO PROVE DAMPER OPEN BEFORE FAN MAY START.


BUILDING MOUNTED PHOTOCELL AND CONTROL WIRING, PROVIDED BY TC.
BUILDING MANAGEMENT SYSTEM (BMS) PROVIDED BY TC.
HC TO PROVIDE CONNECTION TO BMS SYSTEM AND RELAY TO TURN–OFF AT PRESET TIME (VIA BMS SYSTEM CLOCK) ALL EXTERIOR LIGHTS INDICATED.
INSTALL RELAY, FURNISHED BY TC
DESIGNATED EXTERIOR LIGHTING BRANCH CIRCUITS BY EC
R
C
TO DESIGNATED EXTERIOR LIGHTS (TYPICAL) BY EC
PROVIDE LIGHTING CONTACTOR(S): BY EC

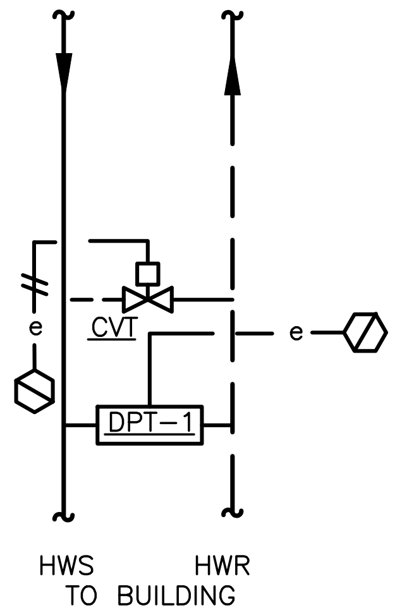
POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC
		AI	AO	DI	DO	AV	BV	SCHED	TREND	ALARM	
BMS RELAY					X			X			X

3 EXTERIOR LIGHTING CONTROL SCHEMATIC

SCALE : NONE

PROVIDE IN MECHANICAL ROOM 108

POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC	REMARKS
		AI	AO	DI	DO	AV	BV	SCHED	TREND	ALARM		
DIFFERENTIAL PRESS	DPT–1					X					X	
BYPASS VALVE	CVT–1		X						X		X	
DP SETPOINT									X			
DP LOW LIMIT									X			
DP HIGH LIMIT									X			



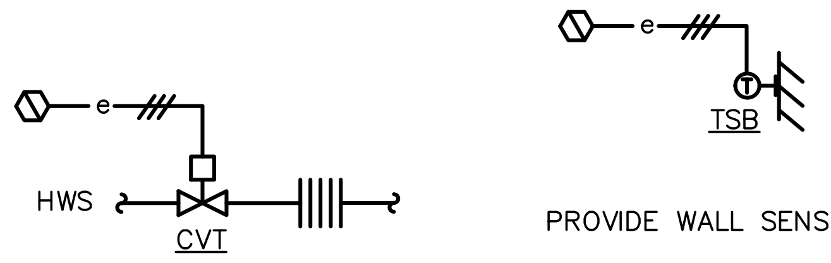
NEW BYPASS CONTROL:

1) DIFFERENTIAL PRESSURE SENSOR IN SUPPLY AND RETURN LINES WILL MAINTAIN DIFFERENTIAL PRESSURE OF 10 PSIG (adj) BETWEEN WATER LINES AT OPERATOR'S OPTION.
   A.NOTE: ACTUAL FLOW GPM (DIFF PRESSURE) SHALL BE DEPENDENT ON BUILDING CONFIGURATION. THIS CONTRACTOR SHALL WORK WITH THE BALANCING CONTRACTOR AND THE PUMP SUPPLIER TO SET ACTUAL GPM'S.
2) BMS SHALL MODULATE PUMPS TO MAINTAIN DIFFERENTIAL SETPOINT. BMS SHALL MODULATE BYPASS VALVE TO MAINTAIN SYSTEM DIFFERENTIAL SETPOINT.

2 BYPASS CONTROL DIAGRAM

SCALE : NONE

POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC
		AI	AO	DI	DO	AV	BV	SCHED	TREND	ALARM	
HEATING VALVE	CVF		X						X		X
SPACE TEMPERATURE	TSB/TSR	X						X	X		X



PROVIDE WALL SENSOR

4 PERIMETER RADIATION CONTROLS DIAGRAM

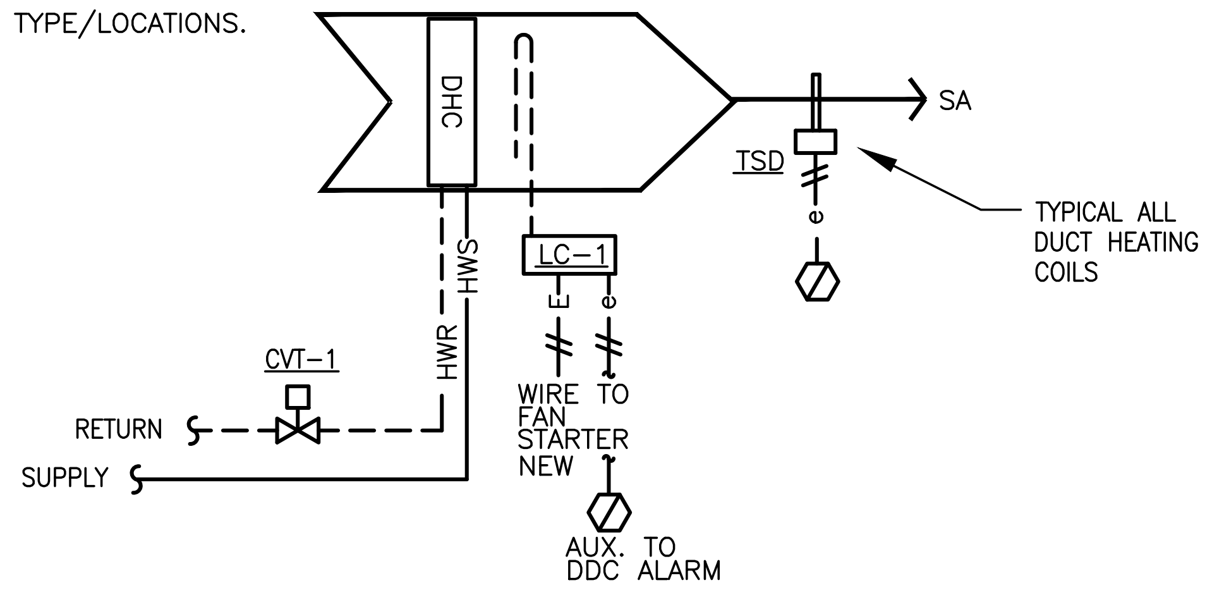
SCALE : NONE

NOTES:
1. TYPICAL FOR ALL UNITS W/O SELF CONTAINED CONTROL VALVE.

A. FIN RADIATION/RADIANT PANEL CONTROL SEQUENCE: FIN RADIATION/PANEL RADIATION WILL BE CONTROLLED BY ROOM SENSOR OR SEQUENCE WITH HVAC EQUIPMENT SERVICING INDIVIDUAL ROOM BY MEANS OF A CONTROL VALVE.

POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC	REMARKS
		AI	AO	DI	DO	AV	BV	SCHED	TREND	ALARM		
HEATING VALVE	CVT–1		X						X		X	
DISCHARGE AIR TEMP	TSD	X							X		X	
SPACE TEMPERATURE	TSB/TSR	X						X	X		X	1
SPACE TEMP. SET POINT						X			X		X	
LOW SPACE TEMPERATURE										X		
HIGH SPACE TEMPERATURE										X		
LOW LIMIT	LC–1									X		

REMARKS:
1. REFER TO PLANS FOR SENSOR TYPE/LOCATIONS.



5 DUCT HEATING COIL CONTROLS DIAGRAM

SCALE : NONE

A. DUCT HEATING COIL:

1. CHANGES IN SPACE TEMPERATURE BELOW SETPOINT WILL CAUSE CONTROLLER TO INDEX DISCHARGE TEMPERATURE ACCORDING TO A PRESET SCHEDULE. DUCT HEATER COIL IS CONTROLLED IN TANDEM WITH ROOF TOP UNIT FROM ROOM SENSOR TO HOLD ROOM TEMPERATURE SETPOINT OF 72°F (ADJUSTABLE). CONTROLLER WILL MODULATE HEATING CONTROL VALVE TO MAINTAIN DESIRED TEMPERATURE.
2. IF HEATING COIL LEAVING AIR TEMPERATURE FALLS BELOW 35°F, LOW LIMIT CONTROLLER (LC–1) SHALL STOP RTU FAN, CLOSE OAD, OPEN CONTROL VALVE (AND OPEN FACE DAMPER WHERE APPLICABLE), AND SIGNAL ALARM CONDITION TO SYSTEM.

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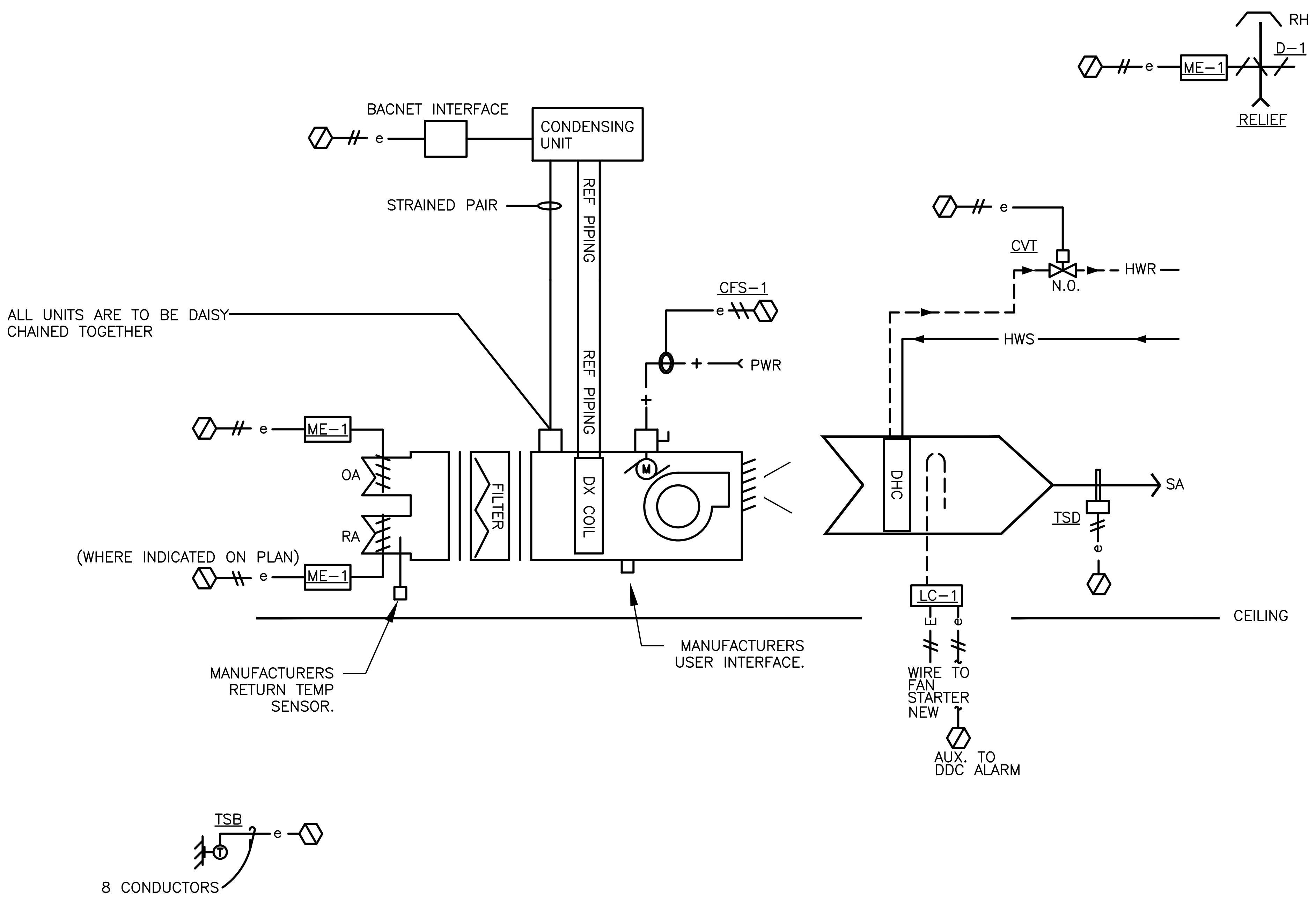
Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
TEMPERATURE CONTROLS

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

Drawing Number :
MP
701



1 VRF SYSTEM/BMS INTERFACE

SCALE : NONE

FAN COIL UNIT SHOWN. FOR CASSETTE UNIT, PROVIDE WALL TEMPERATURE SENSOR AND ME–1/D–1 ON INTAKE DUCT.

NOTES:
1. SYSTEM SHOULD BE FULLY FUNCTIONAL BEFORE BMS IS INTEGRATED.
2. TC TO INSTALL USER INTERFACE AND RETURN TENP SENSOR.
3. TC TO INSTALL WIRING FROM CONDENSING TO FAN COIL. ALL UNITS ARE DAISY CHAINED TOGETHER.

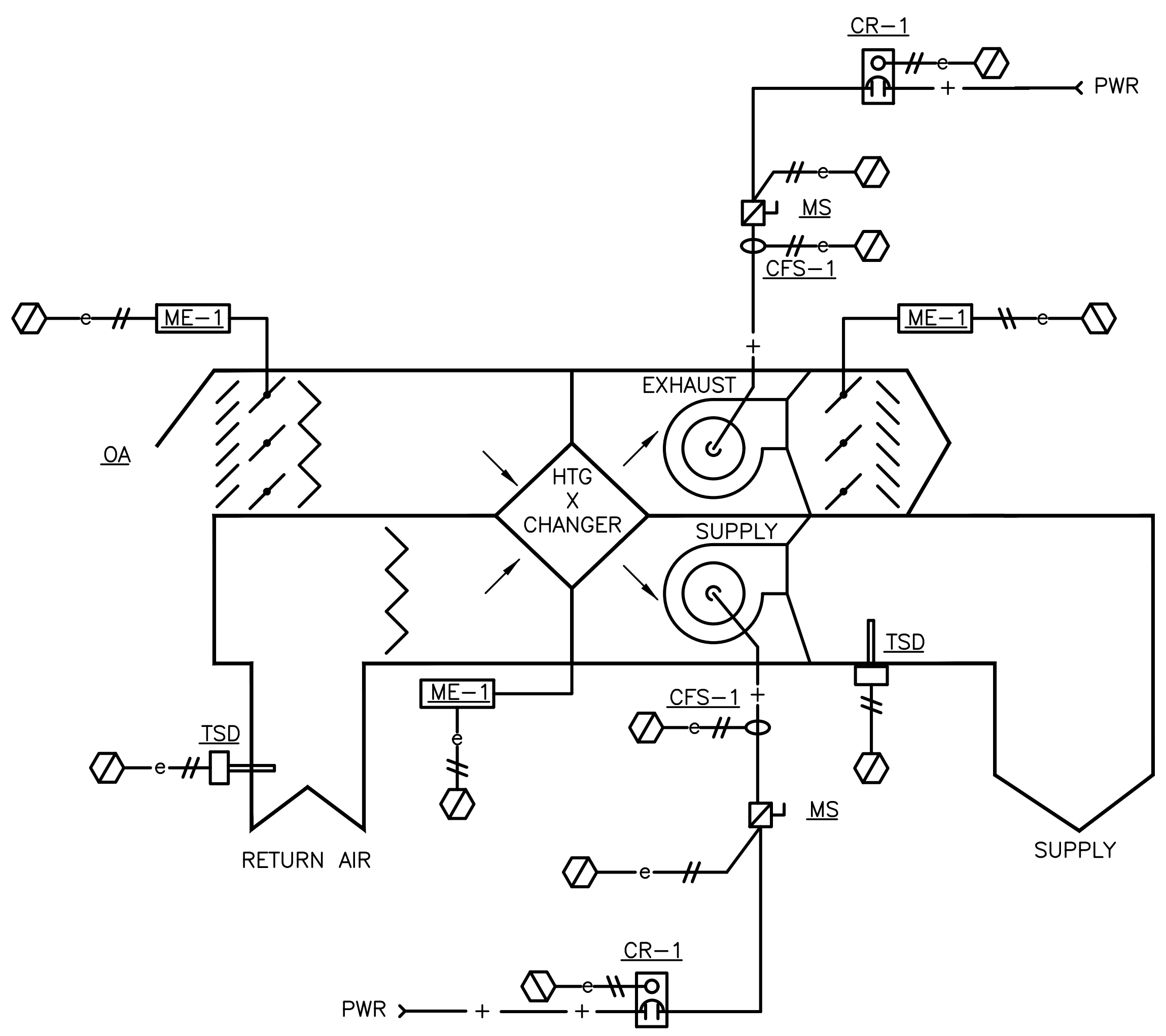
DAIKIN POINT NAME	WRITEABLE FUNCTION	SHOWN ON BMS GRAPHIC
ON/OFF	Y	X
OPERATION MODE	Y	X
SETPOINT SETTING	Y	X
FAN SPEED SETTTING	Y	X
FORCED SYSTEM STOP	Y	X
ALARM	N	X
MALFUNCTION CODE	N	X
OPERATION MODE	N	X
ROOM TEMPERATURE	N	X
THERMO–ON STATUS	N	X
COMPURESSOR STATUS	N	X
INDOOR FAN STATUS	N	X
	N	X

NOTES:
1. BMS CONNECTION AT CONDENSING UNIT. ALL FUNCTIONS AND OPERATION WILL GO THROUGH THE CONDENSING UNIT
2. TC TO HAVE FAN OPERATE CONSTANTLY IN OCCUPIED MODE AND INTERMITTENTLY IN UNOCCUPIED MODE.
3. BMS TO SEND DAIKIN SYSTEM COOLING SETPOINT AND DAIKIN SYSTEM WILL OPERATE AS REQUIRED TO MAINTAIN SETPOINT.
4. BMS TO FULLY CONTROL THE HEATING COIL.

BMS POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC
		AI	AO	DI	DO	AV	BV	SCHED	TREND	ALARM	
BACNET INTERFACE											X
DISCHARGE TEMPERATURE SENSOR	TSD								X		X
SPACE TEMPERATURE SENSOR	TSB							X			X
DAMPER	ME–1		X						X		X
DAMPER	ME–1		X						X		X

A. VRFC UNIT CONTROL SEQUENCE:

1. GENERAL: THIS TEMPERATURE CONTROL CONTRACTOR WILL INSTALL ROOM SENSORS/CONTROLLER BOARDS PROVIDED BY HEATING CONTRACTOR AS PER SPECIFICATIONS 238115, 230993, 230994 AND 230995.
2. NOTE: THIS CONTRACTOR TO INSTALL TSB IN EACH ROOM THAT WILL HAVE FIN IN IT OR BE SERVED BY A DUCT COIL OR VRFC UNIT.
3. BMS SHALL INTERFACE WITH MANUFACTURERS PACKAGED CONTROLS. BMS SHALL HAVE OVERALL CONTROL OF THE SYSTEM.
4. FOR UNITS THAT HAVE A DUCT DIRECTLY TO THE OUTSIDE, THERE SHALL BE A ME–1/D–1 ACTUATOR AND DAMPER THAT SHALL OPEN ON OCCUPIED CYCLE AND CLOSED ON UNOCCUPIED CYCLE.
5. SEQUENCE AS FOLLOWS:
   a. VRFC FAN SHALL RUN IN OCCUPIED MODE AT ALL TIMES SO OA IS SUPPLIED TO ROOM. UNIT SHALL RUN INTERMITTENTLY IN UNOCCUPIED TIME TO MAINTAIN NIGHT SETBACK AS DESCRIBED BELOW.
   b. THERE SHALL BE A DEADBAND BETWEEN HEATING AND COOLING TO PREVENT SIMULTANEOUS HEATING AND COOLING.
   c. VRFC SHALL MAINTAIN A COOLING SETPOINT OF 78DEG (ADJ).
   d. VRFC (REFRIGERANT SYSTEM) SHALL BE THE SECONDARY IN HEATING. HEATING SETPOINT IS 68 (ADJ).
      (1) DHC CONTROL VALVE SHALL MODULATE OPEN WHEN ROOM TEMPERATURE IS 3DEG FROM SETPOINT (ADJ).
      (2) DUCT HEATER COIL:
         (2)1) OCCUPIED CYCLE: WHEN ROOM IS 3 DEG (ADJ) BELOW SETPOINT MODULATE OPEN DUCT HEATER COIL VALVE. DUCT HEATER COIL VALVE (CVT) WILL BE CLOSED WHEN COOLING IS ON.
         (2)2) IF HEATING COIL LEAVING AIR TEMPERATURE FALLS BELOW 35°F, LOW LIMIT CONTROLLER (LC–1) SHALL STOP VRFC FAN, OPEN DHC CONTROL VALVE, AND SIGNAL ALARM CONDITION TO SYSTEM.
         (2)3) UNOCCUPIED CYCLE: ROOM SENSOR WILL MAINTAIN UNOCCUPIED SETPOINT (60°F ADJUSTABLE) WHEN ROOM TEMPERATURE DROPS BELOW SETPOINT, OPEN DUCT HEATER COIL VALVE TO MAINTAIN DEPRESSED NIGHT TEMPERATURE. WHEN DUCT HEATER VALVE OPENS VRFC UNIT FAN WILL RUN. VRFC UNITS WITH FIN RADIATION IN THEIR ROOMS WILL USE THE FIN RADIATION TO MAINTAIN DEPRESSED NIGH TEMPERATURE SETPOINT OF 60°F (ADJUSTABLE) AND SUPPLEMENT HEAT WITH VRFC AND DHC IF FIN IS NOT ABLE TO MAINTAIN ROOM SETPOINT.
      (1) IF ROOM HAS RADIATION, THE RADIATION CONTROL VALVE SHALL MODULATE OPEN WHEN ROOM SETPOINT IS 2 DEG FROM SETPOINT (ADJ).
      (2) FIN RADIATION:
         (2)1) OCCUPIED CYCLE: ON A DROP IN TEMPERATURE, ROOM SENSOR WILL OPEN FIN RADIATION VALVE (CVT) WHERE APPLICABLE. ON DROP IN ROOM TEMPERATURE BELOW DHC SENSOR SETPOINT OPERATOR WORKSTATION WILL OPEN FIN RADIATION VALVE TO SUPPLEMENT VRFC CONTROL OF ROOM TEMPERATURE. FIN RADIATION VALVE WILL CLOSE WHEN VRFC UNIT IS ENERGIZED FOR COOLING.
         (2)2) UNOCCUPIED CYCLE: FIN RADIATION VALVE WILL CLOSE AND ROOM SENSOR WILL MAINTAIN A DEPRESSED NIGHT TEMPERATURE SETTING. UNITS WITH FIN RADIATION IN THEIR ROOMS WILL USE THE FIN RADIATION TO MAINTAIN DEPRESSED NIGH TEMPERATURE SETPOINT OF 60°F (ADJUSTABLE) AND SUPPLEMENT HEAT WITH DHC IF FIN IS NOT ABLE TO MAINTAIN ROOM SETPOINT.
6. VRFC UNITS ARE TO BE COMMISSIONED, AND CALIBRATED BY HEATING CONTRACTOR AND SUPPLIER OF EQUIPMENT. MANUFACTURES REPRESENTATIVE TO BE PRESENT DURING START UP.
7. MANUFACTURERS ROOM TEMPERATURE SENSORS ARE TO BE CALIBRATED BY THIS CONTRACTOR, SO THEY ALIGN WITH TSB IN ROOM.



1 ERV CONTROLS DIAGRAM

SCALE : NONE

POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC
		AI	AO	DI	DO	AV	BV	SCHED	TREND	ALARM	
SUPPLY FAN	––										
SUPPLY FAN START/STOP	CR–1				X				X		X
SUPPLY FAN MS FAULT				X						X	
SUPPLY FAN STATUS	CFS–1			X					X		X
EXHAUST FAN	––										
EXHAUST FAN START/STOP	CR–1				X				X		X
EXHAUST FAN VMS FAULT				X						X	
EXHAUST FAN STATUS	CFS–1			X					X		X
RETURN TEMPERATURE	TSD								X		X
CLOGGED FILTER SWITCH				X					X	X	X
DISCHARGE TEMPERATURE SENSOR	TSD								X		X

I. ENERGY RECOVERY UNITS:
1. UNIT IS TO PROVIDE OUTSIDE AIR TO INTERIOR AREAS. UNITS SHALL OPERATE DURING OCCUPIED CYCLE ONLY.
2. UNOCCUPIED CYCLE:
   a. WHEN LOCAL ZONE SWITCHES TO NIGHT CYCLE, CLOSE OA AND EA DAMPERS, AND TURN OFF FANS.

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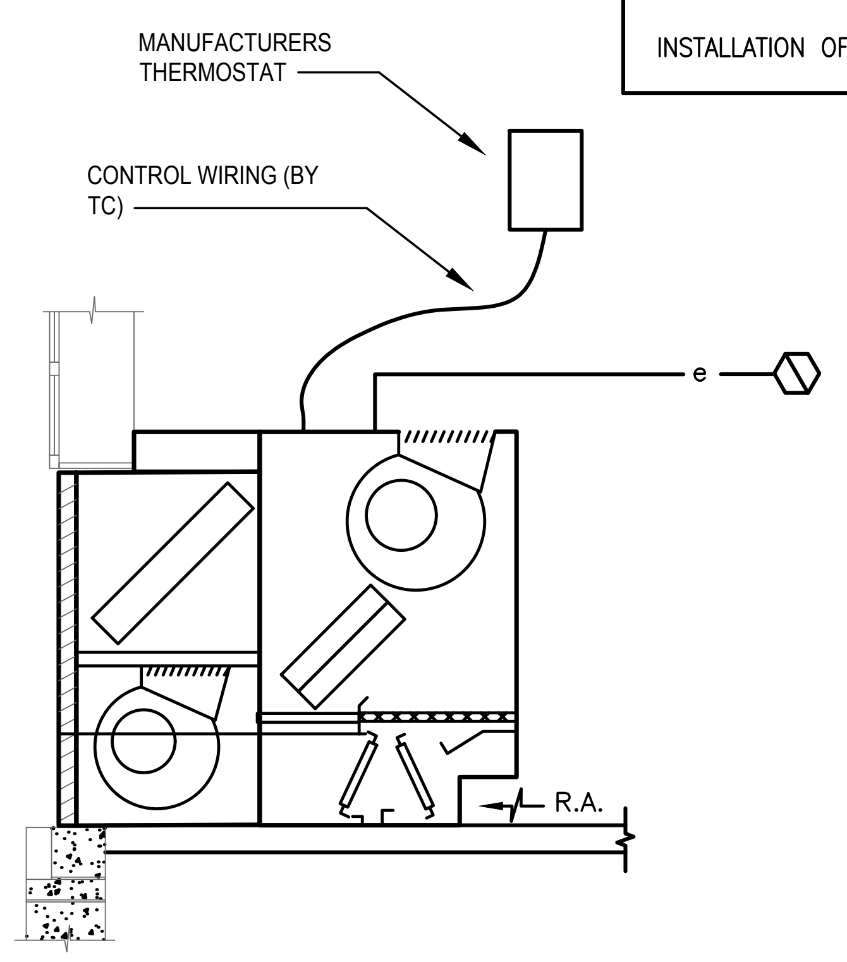
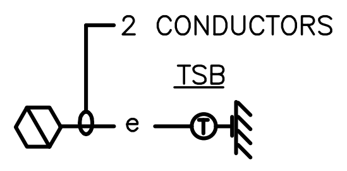
UNIT CONTROLS BY MANUFACTURER

INSTALLATION OF THERMOSTAT BY TC





POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC
		AI	AO	DI	DO	AV	DV	SCHED	TREND	ALARM	
SUPPLY FAN	— —										
FAN START/STOP	CR–1				X				X		X
FAN STATUS	CFS–1			X					X		X
FAN FAILURE										X	
O.A. DAMPER	ME–1		X						X		X
R.A. DAMPER	ME–1		X						X		X
RELIEF DAMPER	ME–1		X						X		X
FACE AND BYPASS	ME–1		X						X		X
MIXED AIR TEMPERATURE	TSD	X							X		X
FREEZESTAT	LC–1			X						X	X
COOLING STAGES				X					X		X
DISCHARGE AIR TEMPERATURE	TSD	X							X		X
HIGH DISCHARGE TEMPERATURE										X	
LOW DISCHARGE TEMPERATURE										X	
SPACE TEMPERATURE	TSB	X							X		X
HIGH SPACE TEMPERATURE										X	
LOW SPACE TEMPERATURE										X	
SPACE TEMP. SETPOINT						X			X		
SCHEDULE								X			

POINTS LIST BY UNIT MANUFACTURER.

ITEMS SHOULD BE SHOWN ON GRAPHIC INTERFACE

1 SELF CONTAINED UNIT VENTILATOR DETAIL

SCALE : NONE

CONTROLS FOR A SELF CONTAINED UNIT VENTILATOR ARE BY THE UNIT MANUFACTURER.

THROUGH THE DDC INTERFACE, THE BMS CAN:
1. CHANGE THE UNIT STATUS (OCCUPIED/UNOCCUPIED)
2. ADJUST TEMPERATURE SETPOINT
3. CHANGE THE UNIT FROM HEATING TO COOLING
4. CHANGE FAN SPEED
5. CHANGE THE OUTSIDE AIR DAMPER SETTING

A. UNIT VENTILATOR:

1. GENERAL: WHEN SUPPLY FAN IS OFF, OA (OUTSIDE AIR) DAMPER IS CLOSED, MA (MIXED AIR) DAMPER IS FULL OPEN. WHERE APPLICABLE.

2. WHEN SPACE OR LOCAL ZONE SWITCHES TO OCCUPIED CYCLE, FAN SHALL START AND RUN CONTINUOUSLY. OA AND MA DAMPERS OPEN TO MINIMUM POSITION. RELIEF DAMPER IS OPEN.

3. HEATING:

   a) GENERAL: OA DAMPER SHALL BE SET AT A MINIMUM POSITION. OA DAMPER AND RELIEF DAMPER SHALL CONTINUOUSLY ALLOW INTRODUCTION OF FRESH AIR REGARDLESS OF OUTSIDE AIR TEMPERATURE. FAN DISCHARGE SENSOR WILL MAINTAIN A MINIMUM TEMPERATURE OF 60°F (ADJUSTABLE).

   b) COIL:
      (1) CHANGES IN SPACE TEMPERATURE BELOW SETPOINT WILL CAUSE CONTROLLER TO INDEX DISCHARGE TEMPERATURE ACCORDING TO A PRESET SCHEDULE. CONTROLLER WILL MODULATE FACE AND BYPASS DAMPER TO MAINTAIN DESIRED TEMPERATURE.
      (2) IF HEATING COIL LEAVING AIR TEMPERATURE FALLS BELOW 35°F, LOW LIMIT CONTROLLER (LC–1) SHALL STOP FAN, CLOSE OAD, OPEN FACE DAMPER AND SIGNAL ALARM CONDITION TO SYSTEM.

5. SPACE TEMPERATURE SETPOINT SHALL BE AN ADJUSTABLE BIAS LIMITED TO ±2°F SPACE SENSOR, NORMAL SETPOINT SHALL BE ADJUSTABLE FROM MAIN CONSOLE ONLY.

6. ON RISE IN SPACE TEMPERATURE ABOVE SETPOINT AND OA TEMPERATURE IS BETWEEN 55F (adj) AND 75(adj), FACE AND BYPASS DAMPER CLOSES TO COIL, OA DAMPER OPENS FULLY, RA DAMPER CLOSES FULLY TO PROVIDE ECONOMIZER COOLING.

7. WHEN OAT UNABLE TO PROVIDE COOLING, OAD, RELIEF DAMPER SHALL CLOSE TO MINIMUM POSITION, FACE AND BYPASS DAMPER OPENS TO COOLING COIL WITH AUXILIARY SWITCH ON ACTUATOR PROVIDING POSITIVE PROOF OF POSITION.

8. IF OAT FALLS BELOW SETPOINT (50°F), LTCO SHALL LOCK OUT CONDENSER UNITS.

9. IF HOT WATER/DX COIL DISCHARGE SENSOR TEMPERATURE FALLS BELOW 50F WHEN CONDENSER IS OPERATING, ALARM DDC SYSTEM IMMEDIATELY.

10. UNOCCUPIED CYCLE:
    WHEN ZONE SWITCHES TO NIGHT CYCLE, CLOSE OAD, RELIEF DAMPER AND FULLY OPEN RA DAMPER. WHERE APPLICABLE, HEAT CONTROL VALVE OPENS TO COIL AND/OR FACE DAMPER OPENS TO COIL.

   c) FAN SHALL RUN INTERMITTENTLY TO MAINTAIN A LOWER NIGHT SETPOINT.

   d) COOLING SHALL BE LOCKED OUT, I.E. CONDENSER UNIT IS OFF.

   e) NIGHT OVERRIDE SHALL BE BY PB ON TEMPERATURE SENSOR OR BY MAIN CONSOLE.

SEQUENCE BY UNIT MANUFACTURER.

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES. ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

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Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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TEMPERATURE CONTROLS

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

Drawing Number :
MP 703

GENERAL NOTES - REMOVALS

A. THIS INFORMATION REPRESENTS EXISTING CONDITIONS BASED ON ORIGINAL DRAWINGS AND OBSERVED SITE CONDITIONS. NOT ALL CONDUIT, WIRE, FIXTURES AND DEVICES ARE SHOWN. FIELD VERIFY THE EXACT REQUIREMENTS IN ALL REMOVAL AREAS. DISCONNECT AND REMOVE ALL ELECTRICAL WORK THAT IS SHOWN DASHED ON REMOVAL PLANS AND ALL ELECTRIC WORK IN RENOVATION AREAS THAT IS NOT BEING REUSED. REMOVE ALL BRANCH CIRCUITING, LOW VOLTAGE CABLING, SUPPORTING DEVICES, RACEWAY, AND ASSOCIATED TERMINATION HARDWARE.

B. "ERL" ADJACENT TO A DEVICE, FIXTURE OR PIECE OF EQUIPMENT INDICATES AN EXISTING ITEM TO BE RELOCATED. DISCONNECT AND REMOVE THE ITEM. REMOVE ALL UNNECESSARY RACEWAY AND WIRING. REINSTALL AND RECONNECT THE ITEM AS REQUIRED.

C. "EXR" ADJACENT TO A DEVICE FIXTURE OR PIECE OF EQUIPMENT INDICATES AN EXISTING ITEM TO REMAIN. MAINTAIN EXISTING CONNECTIONS TO EQUIPMENT UNLESS NOTED OTHERWISE.

D. PROVIDE FIRE STOPPING CUTTING, PATCHING AND PAINTING AS REQUIRED TO REPAIR HOLES OR OTHER PHYSICAL DEFECTS CAUSED BY THE REMOVAL OR INSTALLATION OF EQUIPMENT AND DEVICES. THE CONTRACTOR SHALL PROVIDE A QUALIFIED TRADES PERSON TO RESTORE FINISHED WALLS TO ORIGINAL CONDITIONS AND PAINT TO MATCH EXISTING COLORS.

E. PROVIDE STAINLESS STEEL BLANK COVER PLATES ON ALL UNUSED ELECTRICAL BOXES AFTER DEMOLITION AND INSTALLATION WORK IS COMPLETE.

F. WHERE EXISTING DEVICES ARE BEING REMOVED AND THE REMOVAL BREAKS AN EXISTING BRANCH CIRCUIT TO DOWNSTREAM DEVICE THE CONTRACTOR SHALL PROVIDE ALL WIRING TO PERMANENTLY RECONNECT THE REMAINING DEVICE EQUIPMENT OR FIXTURE.

G. THE CONSTRUCTION MANAGER OR GENERAL CONTRACTOR WILL SCHEDULE ALL REMOVAL WORK. PRIOR TO BEGINNING REMOVAL WORK PROVIDE AN EXISTING CONDITION REPORT WITH PICTURES AND SUBMIT TO THE CONSTRUCTION MANAGER. ANY DAMAGES OR EXISTING CONDITIONS THAT ARE NOT DOCUMENTED WILL BE CORRECTED BY THE CONTRACTOR PRIOR TO FINAL COMPLETION.

H. LEGALLY DISPOSE OF ALL ELECTRICAL WIRING, DEVICES, BALLAST, LAMPS ETC. FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS REGARDING DISPOSAL OF HAZARDOUS WASTE.

I. FIELD VERIFY ALL IN WALL WIRING WHERE WALLS ARE BEING REMOVED. REROUTE THROUGH WIRING AS REQUIRED.

J. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND CLARIFICATION.

K. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND IN-WALL BRANCH CIRCUITING WHERE WALLS ARE BEING DEMOLISHED. RELOCATE AND REWORK ALL DEVICES AND BRANCH CIRCUITING TO ALLOW FOR WALL DEMOLITION.

GENERAL NOTES - INSTALLATION

A. COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. VERIFY DEVICE LOCATIONS ABOVE MILLWORK TO ENSURE CLEARANCE ABOVE THE COUNTER-TOP AND BACKSPLASH. DEVICES THAT INTERFERE WITH NEW CASEWORK, MILLWORK OR EQUIPMENT SHALL BE RELOCATED AT NO ADDITIONAL COST TO THE CONTRACT.

B. WHERE DEVICES ARE SCHEDULED TO BE INSTALLED IN CASEWORK AND MILLWORK SUPPLIED BY THE GENERAL CONTRACTOR, OBTAIN A SHOP DRAWING FROM THE GENERAL CONTRACTOR PRIOR TO ROUGHING. WHERE REQUIRED, CUT OPENINGS IN MILLWORK OR COORDINATE OPENINGS WITH THE GENERAL CONTRACTOR.

C. COORDINATE ALL CONDUIT RUNS WITH OTHER TRADES PRIOR TO ROUGH-IN. RELOCATE ANY CONDUITS AS NECESSARY TO PERMIT INSTALLATION OF DUCTWORK OR PIPING.

D. INSTALL ALL CIRCUITING CONCEALED INSIDE WALL CAVITY WHERE EVER POSSIBLE. PROVIDE SURFACE MOUNTED BACKBOXES AND RACEWAY FOR WIRING DEVICES LOCATED ON EXISTING SOLID WALL CONSTRUCTION. PROVIDE SHALLOW TYPE BACKBOXES FOR SURFACE MOUNTED POWER AND SWITCHING APPLICATIONS. REFER TO ARCHITECTURAL PLANS FOR WALL TYPES.

E. FIRESTOP ALL LOW VOLTAGE SLEEVES AND PENETRATIONS AFTER INSTALLATION OF CABLE.

F. PROVIDE OPEN TOP CABLE HANGERS 4' ON CENTER SUPPORTED TO SUPPORT ALL LOW VOLTAGE CABLING ABOVE ACCESSIBLE CEILINGS. PROVIDE SEPARATE CABLE HANGERS FOR BACKBONE CABLING, HORIZONTAL CABLING, PUBLIC ADDRESS & SECURITY CABLING, AND FIRE ALARM CABLING. INSTALL ALL EXPOSED CABLES IN EMT CONDUIT OR SURFACE RACEWAY IN FINISHED AREAS.

G. ALL LOW VOLTAGE CABLING SHALL BE PLENUM RATED.

H. OBTAIN WIRING AND INSTALLATION DIAGRAMS FOR ALL ELECTRICAL CONNECTIONS TO EQUIPMENT PROVIDED BY THE GENERAL, MECHANICAL OR PLUMBING CONTRACTORS PRIOR TO ROUGHING. WORK THAT IS NOT PROPERLY COORDINATED WILL BE RELOCATED AT NO COST TO THE OWNER.

I. COORDINATE THE LOCATION OF ALL RECEPTACLES, COMMUNICATIONS OUTLETS, AND OTHER DEVICES WITH FURNITURE AND MILWORK CONTRACTORS PRIOR TO ROUGH-IN.

GENERAL NOTES - POWER DISTRIBUTION

A. PROVIDE (2)-#10, (1)-#10 EG WIRING FOR 120V, 20A BRANCH CIRCUITS EXCEEDING 100 FEET.

B. THE DRAWINGS SHOW GENERAL LOCATION OF DEVICES AND CONTROL EQUIPMENT. THE CONTRACTOR SHALL INSTALL ALL DEVICES AND CONTROLS TO MEET ALL NEC REQUIREMENTS. COORDINATE THE EXACT LOCATION IN THE FIELD.

C. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL CONNECTIONS TO ELECTRICAL EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN.

D. PROVIDE DEDICATED NEUTRALS FOR ALL 120V, 20A, SINGLE PHASE BRANCH CIRCUITS.

E. DO NOT INSTALL NORMAL AND EMERGENCY POWER IN THE SAME RACEWAY, JUNCTION BOX, OR OUTLET BOX. PROVIDE SEPARATE OR SEGREGATED RACEWAY SYSTEMS.

F. WHERE BREAKERS ARE INSTALLED IN EXISTING PANELBOARDS, THE BREAKERS SHALL BE LISTED/LABELED FOR USE IN THE EXISTING PANEL AND THE KAIC RATING SHALL MATCH THE KAIC RATING OF THE EXISTING PANEL.

GENERAL NOTES - LIGHTING

A. REFER TO THE REFLECTED CEILING PLANS IN THE ARCHITECTURAL DRAWINGS FOR EXACT LIGHT FIXTURE LOCATIONS.

B. REFER TO ARCHITECTURAL ELEVATIONS FOR LOCATIONS OF ALL WALL MOUNTED FIXTURES. IF FIXTURES ARE NOT SHOWN, ISSUE AN RFI.

C. OCCUPANCY SENSOR LOCATIONS SHALL BE DETERMINED IN THE FIELD TO ACHIEVE OPTIMAL PERFORMANCE. PROVIDE ALL SENSITIVITY AND AIMING ADJUSTMENTS.

D. LIGHT FIXTURES INDICATING 0-10V DIMMING WITHIN LIGHTING FIXTURE SCHEDULE REQUIRE ADDITIONAL 2-WIRE CONTROL INTERFACE. REFER TO PLANS FOR EXACT LIGHT FIXTURES USING DIMMING. PROVIDE SEPARATE PATHWAYS FOR LINE VOLTAGE AND CONTROL WIRING.

GENERAL NOTES - PUBLIC ADDRESS

A. PROVIDE MODIFICATIONS, DEVICES AND WIRING REQUIRED TO CONNECT TO THE EXISTING RAULAND TELECENTER PUBLIC ADDRESS SYSTEM. OPEN SYSTEMS METRO CONTACT - GEORGE ALOIA (914) 241-0057.

B. PROVIDE (1) PA CABLE PER ROOM, REFER TO PLANS FOR AREAS REQUIRING VOLUME CONTROL.

GENERAL NOTES - FIRE ALARM

A. PROVIDE MODIFICATIONS, DEVICES AND WIRING REQUIRED TO CONNECT TO THE EXISTING EDWARDS EST3 FIRE ALARM CONTROL PANEL. OPEN SYSTEMS METRO CONTACT - GEORGE ALOIA (914) 241-0057.

B. PROVIDE FAN SHUTDOWN RELAYS FOR ALL FANS OVER 1000 CFM. VERIFY CFM ON MECHANICAL SCHEDULE AND PROVIDE SHUTDOWNS AS REQUIRED.

C. DO NOT INSTALL SMOKE DETECTORS WITHIN 3 FEET OF DIFFUSERS.

D. ALL WIRING SHALL BE IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRIC CODE, AUTHORITIES HAVING JURISDICTION AND LOCAL CODES.

E. ALL WIRING TO BE INSTALLED IN POWER LIMITING FIRE PROTECTIVE SIGNALING CIRCUIT CABLING. CABLE SHALL BE PLENUM RATED.

F. ALL CONDUCTORS ARE TO BE PROPERLY TAGGED OR NUMBERED IN THE CONTROL PANEL AND CORRESPOND WITH CONTROL PANEL TERMINAL OR FIELD WIRE NUMBERS FOR IDENTIFICATION PURPOSES.

G. WIRING CIRCUITS MUST GO TO AND FROM EACH DEVICE. BRANCH CIRCUITS ARE NOT PERMITTED. POLARITY MUST BE OBSERVED THROUGHOUT.

H. EXTREME CARE MUST BE TAKEN TO AVOID GROUND FAULT CONDITIONS OF ALL CONDUCTORS.

I. ALL DEVICES ARE TO BE FLUSH MOUNTED WHEREVER POSSIBLE.

J. MOUNT MANUAL STATIONS AT 46" ABOVE FINISHED FLOOR.

K. CONNECT DOOR HOLD OPENS TO LOCAL 120V CIRCUIT. PROVIDE LOW VOLTAGE RELAY TO CONTROL HOLD OPEN.

L. PROVIDE SUPERVISED RELAY IN MOTOR CONTROL CIRCUIT FOR FAN SHUTDOWN, COORDINATE WITH DIVISION 23.

M. PROVIDE REMOTE TEST SWITCH FOR ALL DUCT MOUNTED SMOKE DETECTORS.

GENERAL NOTES - COMMUNICATIONS

A. PROVIDE ALL CATEGORY 6, 6A AND FIBER OPTIC CABLE TERMINATIONS AND TESTING.

B. "DATA DROP" OR "DATA OUTLET" INCLUDES CATEGORY 6A CABLE, TERMINATION HARDWARE, RACEWAY, CABLE TERMINATION AND CABLE TESTING.

C. PROVIDE ONE GREEN CATEGORY 6A CABLE FOR ALL ACCESS POINTS.

D. PROVIDE A ORANGE CATEGORY 6 CABLE FOR ALL NEW IP CAMERAS.

E. PROVIDE CONDUIT SLEEVES THROUGH ALL WALLS. CONDUIT SLEEVES SHALL BE A MINIMUM OF 1-1/2". PROVIDE OTHER SIZES AS NOTED ON PLANS.

F. PROVIDE RE-PENETRATEABLE FIRE STOPPING AROUND ALL SLEEVES AND INSIDE SLEEVE AFTER CABLE IS INSTALLED.

G. WHEN SIZES ARE NOT NOTED OR SLEEVES ARE NOT SHOWN BUT REQUIRED FOR THE INSTALLATION SLEEVES SHALL BE SIZED AS FOLLOWS.

CABLE	1"	1.25"	1.5"	2"	2.5"	3"	3.5"	4"
AUGMENTED CAT 6	4	7	10	18	24	41	56	73
CAT 6E	6	10	12	20	34	50	65	80
CAT 6	7	9	14	24	28	55	75	98

H. PROVIDE LADDER RACK WITH WATERFALLS ABOVE ALL NEW CABLE RACKS.

I. PROVIDE HORIZONTAL WIRE MANAGEMENT BELOW ALL NEW PATCH PANELS.

J. EXACT LOCATION OF CABLES FOR WIRELESS ACCESS POINTS SHALL BE VERIFIED DURING A BUILDING WALK THROUGH PRIOR TO BEGINNING INSTALLATION.

K. TEST ALL EXISTING FIBER OPTIC CABLES THAT ARE SCHEDULED TO BE USED ON THE NEW 10GB BACKBONE. PROVIDE TEST RESULTS INCLUDING CABLE LENGTHS.

L. PROVIDE CABLE HANGERS FOR ALL UTP CABLE AND FIBER RUNS ON THE PROJECT. HANGERS FOR MAIN RUNS SHALL BE A MINIMUM OF 2". CABLE HANGERS FOR CABLE RUNS FROM MAIN RUNS TO THE STATION OUTLET SHALL BE A MINIMUM OF 3/4". INSTALL CABLE HANGERS FOUR FOOT ON CENTER FOR THE ENTIRE LENGTH OF RUN. SEE DETAIL 2 ON EW 603.

M. PROVIDE SURFACE RACEWAY FOR A CABLE LOCATED IN FINISHED SPACE. PROVIDE CONDUIT FOR CABLES INSTALLED IN MECHANICAL AND UTILITY SPACES. PROVIDE OPEN TOP CABLE HANGERS FOR CABLE INSTALLED ABOVE FINISHED CEILINGS.

N. PROVIDE ADHESIVE LABEL ON ALL BOXES.

O. CABLES SHALL CONFORM TO THE FOLLOWING COLOR SCHEME
- O.A. DATA/VOIP - BLUE
- O.B. WIRELESS ACCESS POINTS - GREEN
- O.C. SECURITY CAMERAS AND CONTROLLERS - ORANGE

P. COORDINATE DATA RACK ELEVATIONS AND LAYOUTS WITH THE NETWORK HARDWARE CONTRACTOR AND THE OWNERS IT STAFF. ELEVATIONS SHOWN ON PLANS ARE APPROXIMATE. OBTAIN THE ENGINEERS AND OWNERS APPROVAL PRIOR TO INSTALLING PATCH PANELS.

Q. GROUND ALL EQUIPMENT RACKS.

R. INSTALL WALL AND CEILING MOUNTED ACCESS POINTS FURNISHED BY THE NETWORK HARDWARE/WIRELESS CONTRACT.

S. INSTALL EXTERIOR ANTENNAS FURNISHED BY NETWORK HARDWARE/WIRELESS CONTRACT. CORE WALLS AND SEAL OPENINGS AFTER ANTENNAS ARE INSTALLED AND TESTED. INSTALL SURGE PROTECTOR AND GROUND TO BUILDING STEEL.

T. INSTALL LEXAN BOXES FURNISHED BY THE NETWORK HARDWARE/WIRELESS CONTRACTOR IN ALL GYMNASIUMS.

U. REPAIR AND PAINT ALL FINISHED WALLS, FLOORS ETC. DAMAGED DURING INSTALLATION.

V. PROVIDE NEW CEILING TILES MATCHING THE EXISTING IF DAMAGED DURING THE INSTALLATION. PRIOR TO BEGINNING WORK NOTIFY THE OWNER OF ALL EXISTING DAMAGED TILES IN THE WORK AREA. IF EXISTING DAMAGED TILES ARE NOT NOTED THE CABLING CONTRACTOR WILL BE RESPONSIBLE FOR REPLACEMENT.

W. DISCONNECT AND REMOVE ALL EXISTING CABLES THAT ARE ABANDONED AS PART OF THE COMMUNICATION SYSTEM UPGRADE.

X. PROVIDE TEST REPORTS AND AS BUILT DRAWINGS AT THE COMPLETION OF WORK PRIOR TO PROJECT CLOSE OUT.

COMMUNICATIONS

▽#	EXISTING DATA DROP NUMBER = QUANTITY OF CABLES
▼	CAT 6 OR 6A DATA DROP
DB	DATA BOX
WAP	WIRELESS ACCESS POINT
▽	WALL MOUNTED TELEPHONE OUTLET
TV	CATV OUTLET
⊏⊐	CONDUIT SLEEVE 1-1/2" UNLESS OTHERWISE NOTED
WAP-1	WIRELESS ANCESS POINT WAP-1 = CEILING MOUNTED WAP-2 = WALL MOUNTED WAP-3 = WALL W/ EXTERIOR ANTENNA
▯	4 POST DATA RACK
▯	2 POST DATA RACK
▯	WALL MOUNTED CABINET
— · —	FIBER

SECURITY

▷▭	INTERIOR CAMERA
▶■	EXTERIOR CAMERA
CR	CARD READER
REX	REQUEST TO EXIT
IC	INTERCOM CONTROL
MD	MOTION DETECTOR

MOUNTING HEIGHTS

UNLESS OTHERWISE NOTED, MOUNT DEVICES AND EQUIPMENT AT HEIGHTS MEASURED FROM FINISHED FLOOR TO DEVICE/ EQUIPMENT CENTERLINE AS LISTED BELOW.

COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.

WHERE STRUCTURAL OR OTHER INTERFERENCE'S PREVENT COMPLIANCE WITH MOUNTING HEIGHTS LISTED BELOW, CONSULT OWNER'S REPRESENTATIVE FOR APPROVAL TO CHANGE LOCATION BEFORE INSTALLATION.

TOGGLE SWITCHES	46"
RECEPTACLE OUTLETS	18"
RECEPTACLE OUTLETS ABOVE HOT WATER OR STEAM BASEBOARD HEATERS	30"
RECEPTACLE OUTLETS, HAZARDOUS LOCATIONS	48"
RECEPTACLE OUTLETS, WEATHER PROOF, ABOVE GRADE	24"
CLOCKS, CLOCK	90"
TELECOMMUNICATION OUTLETS	18"
MULTIMEDIA OUTLETS	18"
TELEPHONE OUTLETS, WALL MOUNTED	46"
TELEVISION OUTLETS	18"
FIRE ALARM PULL STATION	46"
FIRE ALARM AUDIO/VISUAL WALL MOUNTED NOTIFICATION DEVICES	80"
BRANCH CIRCUIT PANELBOARDS, TO THE TOP OF THE BACKBOX	72"
DISTRIBUTION PANELBOARDS, TO THE TOP OF THE BACKBOX	72"
TERMINAL CABINETS, CONTROL CABINETS TO THE TOP OF THE BACKBOX	72"
DISCONNECT SWITCHES, MOTOR STARTERS, ENCLOSED CIRCUIT BREAKERS	48"
"AC" ABOVE COUNTER REFER TO ARCHITECTURAL ELEVATIONS FOR HEIGHT	AC

POWER

Φ	DUPLEX RECEPTACLE
⊕	DOUBLE DUPLEX RECEPTACLE
●	SPECIAL PURPOSE RECEPTACLE
┃	VERTICAL SECTION OF DIVIDED RACEWAY HORIZONTAL SECTION OF DIVIDED RACEWAY REFER TO DETAILS FOR TYPES REQUIRED
J	JUNCTION BOX
⊕1	HARD-WIRED ELECTRICAL CONNECTION NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
Ⓜ1	MOTOR CONNECTION NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
☐1	NON-FUSED DISCONNECT NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
◩1	FUSED DISCONNECT NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
☒1	COMBINATION FUSED DISCONNECT - MAGNETIC MOTOR STARTER. NUMBER INDICATES ITEM. REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
☒	EMERGENCY STOP PUSH BUTTON
PP	POWER POLE
Ⓜ	ELECTRICAL SERVICE METER
CR	CORD REEL
▭	EXISTING FLUSH MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
▬	FLUSH MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
▭	EXISTING SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
▬	SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
▭	208Y/120V DISTRIBUTION PANELBOARD
—○	CONDUIT TURNING UP
—○	CONDUIT TURNING DOWN
PNL CKT#	INDICATES HOMERUN TO PANEL PANEL NAME AND CKT NUMBERS INDICATED PROVIDE (2) #12 AWG, (1) #12 AWG EGC IN 3/4"C UNLESS OTHERWISE NOTED

PUBLIC ADDRESS

S	CEILING MOUNTED SPEAKER
S V	CEILING MOUNTED SPEAKER V = VOLUME CONTROL
S	WALL MOUNTED SPEAKER
S V	WALL MOUNTED SPEAKER V = VOLUME CONTROL
H	WALL MOUNTED HORN
$V	SPEAKER ATTENUATOR SWITCH
S	COMBINATION SPEAKER/CLOCK
PA	PUBLIC ADDRESS SYSTEM CONSOLE
◷	WALL MOUNTED CLOCK 12.5" DIAMETER UNLESS OTHERWISE NOTED
MCS	MASTER CLOCK SYSTEM CONSOLE

FIRE ALARM

S	SMOKE DETECTOR
DTS	DUCT DETECTOR TEST SWITCH
H	HEAT DETECTOR 135° TYPE UNLESS OTHERWISE NOTED
H	WALL MOUNTED HEAT DETECTOR 135° TYPE UNLESS OTHERWISE NOTED
F	FIRE ALARM PULL STATION
F	AUDIO/VISUAL NOTIFICATION DEVICE 15cd UNLESS OTHERWISE NOTED
F	VISUAL NOTIFICATION DEVICE 15cd UNLESS OTHERWISE NOTED
DH	DOOR HOLD OPEN
SD	SMOKE DAMPER
FACP	FIRE ALARM CONTROL PANEL

SITE

—EUE—	EXISTING UNDERGROUND ELECTRIC

LIGHTING

F1	2'x4' LUMINAIRE CAPITAL LETTERS INDICATES FIXTURE TYPE REFER TO LUMINAIRE SCHEDULE
F2	2'x2' LUMINAIRE CAPITAL LETTERS INDICATES FIXTURE TYPE REFER TO LUMINAIRE SCHEDULE
F1	SUSPENDED DIRECT/INDIRECT OR SURFACE MOUNTED LUMINAIRE (TYPICAL) CAPITAL LETTERS INDICATES FIXTURE TYPE REFER TO LUMINAIRE SCHEDULE FOR LENGTH
F1	STRIP LUMINAIRE (TYPICAL) CAPITAL LETTERS INDICATES FIXTURE TYPE REFER TO LUMINAIRE SCHEDULE FOR LENGTH
F1	WALL MOUNTED LUMINAIRE (TYPICAL) CAPITAL LETTERS INDICATES FIXTURE TYPE REFER TO LUMINAIRE SCHEDULE FOR LENGTH
○ F1	DOWNLIGHT CAPITAL LETTERS INDICATES FIXTURE TYPE REFER TO LUMINAIRE SCHEDULE
F1	WALL SCONCE CAPITAL LETTERS INDICATES FIXTURE TYPE REFER TO LUMINAIRE SCHEDULE
H1	POLE MOUNTED LUMINAIRE CAPITAL LETTERS INDICATES FIXTURE TYPE REFER TO LUMINAIRE SCHEDULE
H1	EXTERIOR WALL MOUNTED LUMINAIRE CAPITAL LETTERS INDICATES FIXTURE TYPE REFER TO LUMINAIRE SCHEDULE
E1	EMERGENCY WALL MOUNTED LIGHT CAPITAL LETTERES INDICATE FIXTURE TYPE REFER TO LUMINAIRE SCHEDULE
⊗ X1	WALL MOUNTED EXIT SIGN ARROW/SHADING INDICATES DIRECTION/EXIT CAPITAL LETTERS INDICATES FIXTURE TYPE REFER TO LUMINAIRE SCHEDULE
⊗ X1	CEILING MOUNTED EXIT SIGN ARROW/SHADING INDICATES DIRECTION/EXIT CAPITAL LETTERS INDICATES FIXTURE TYPE REFER TO LUMINAIRE SCHEDULE
$K	SINGLE POLE KEY SWITCH
$K3	THREE WAY KEY SWITCH
a$K3	SINGLE POLE KEY SWITCH NUMBER = THREE-WAY (TYPICAL) LOWER CASE LETTER = SWITCH CONTROL
$K4	FOUR WAY KEY SWITCH
$	SINGLE POLE SWITCH
$3	THREE WAY SWITCH
$a3	SINGLE POLE SWITCH NUMBER = THREE-WAY (TYPICAL) LOWER CASE LETTER = SWITCH CONTROL
$4	FOUR WAY SWITCH
$P	SINGLE POLE SWITCH WITH PILOT LIGHT
$D	DIMMER SWITCH
$VS	VACANCY SENSOR LIGHT SWITCH
$D VS	COMBINATION VACANCY SENSOR LIGHT SWITCH AND DIMMER
OS	CEILING MOUNTED OCCUPANCY SENSOR
LC	LIGHTING CONTACTOR

ONE-LINE DIAGRAM

⌒	CIRCUIT BREAKER
⌒	ENCLOSED CIRCUIT BREAKER
AF/AT	CIRCUIT BREAKER AF - AMPERE FRAME AT - AMPERE TRIP
AF/AT	FUSIBLE SWITCH AF - AMPERE FRAME AT - AMPERE TRIP
⋲	CURRENT TRANSFORMER
⊰⊱	POTENTIAL TRANSFORMER
Ⓜ	METER
⌇	TRANSFORMER REFER TO TRANSFORMER SCHEDULE
⏚	GROUND
┼	FEEDER NOT CONNECTED
■	FEEDER CONNECTED
●	FEEDER CONNECTED
#	FEEDER DESIGNATION REFER TO FEEDER SCHEDULE

GENERAL

#	REMOVAL NOTE
#	INSTALLATION NOTE
⫽	OFFSET FOR CLARITY

ABBREVIATIONS

A	AMPERE
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AIC	AMPERES INTERRUPTING CAPACITY
AL	ALUMINUM
ASYM	ASYMMETRICAL
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILLARY CONTACTS
AWG	AMERICAN WIRE GAUGE
BD	BUS DUCT
BR	BRANCH
C	CONDUIT
CB	CIRCUIT BREAKER
CD	CANDELA
CH	CABINET HEATER
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
CU	COPPER
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CLG	CEILING
CONT	CONTACTOR
CP	CONTROL PANEL
DC	DIRECT CURRENT
△	DELTA CONNECTED
DISC	DISCONNECT
DF	DRINKING FOUNTAIN
DPST	DOUBLE POLE, SINGLE THROW
DPDT	DOUBLE POLE, DOUBLE THROW
EBB	ELECTRIC BASEBOARD
EC	ELECTRICAL CONTRACTOR
EG	EQUIPMENT GROUND
EGC	EQUIPMENT GROUND CONDUCTOR
EM	EMERGENCY
EP	EXPLOSION PROOF
EPR	ETHYLENE PROPYLENE RUBBER
EQUIP	EQUIPMENT
EXR	EXISTING TO REMAIN
ERL	EXISTING TO BE RELOCATED
EXIST	EXISTING
(E)	EXISTING
EXP	EXPLOSION PROOF
ELECT	ELECTRIC
EMT	ELECTRIC METALLIC TUBING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FARAP	FIRE ALARM REMOTE ANNUNCIATOR PANEL
FBO	FURNISHED BY OWNER
FC	FOOTCANDLE
FCAN	FULL CAPACITY ABOVE NORMAL
FCBN	FULL CAPACITY BELOW NORMAL
FLA	FULL LOAD AMPERES
FLUOR	FLUORESCENT
FVNR	FULL VOLTAGE, NON-REVERSING
FVR	FULL VOLTAGE, REVERSING
G	GUARD
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GF	GROUND FAULT
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
GRS	GALVANIZED RIGID STEEL
H	HOSPITAL GRADE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HZ	HERTZ
IC	INTERCOM
IG	ISOLATED GROUND
INCAD	INCANDESCENT
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
KAIC	THOUSAND AMPERE INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
K	KILO (THOUSAND)
KCM	THOUSAND CIRCULAR MILS
KCMIL	THOUSAND CIRCULAR MILS
LTG	LIGHTING
LSIG	LONG TIME-SHORT TIME-INSTANTANEOUS-GROUND FAULT
LV	LOW VOLTAGE
M	MEGA (MILLION)
MATV	MASTER ANTENNA TELEVISION
MFS	MAIN FUSED SWITCH
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	METAL HALIDE
MLO	MAIN LUGS ONLY
MM	MULTI MODE FIBER
MV	MEDIUM VOLTAGE
MVA	MEGAVOLT-AMPERE
NEC	NATIONAL ELECTRICAL CODE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NL	NIGHT LIGHT
N	NEUTRAL
NF	NONFUSED
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OCPD	OVER CURRENT PROTECTION DEVICE
OH	OVERHEAD
OL	OVERLOAD
PB	PULLBOX
PC	PLUMBING CONTRACTOR
PF	POWER FACTOR
PHL	PANEL
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
Ø	PHASE
PH	PHASE
P	POLE
PL	PILOT LIGHT
PM	PLUGMOLD
PP	POWER PANEL
PWR	POWER
RVNR	REDUCED VOLTAGE, NON-REVERSING
RM	ROOM
RMS	ROOT MEAN SQUARED
RTU	ROOF TOP UNIT
SM	SINGLE MODE FIBER
SS	SURGE SUPPRESSION
SST	SOLID-STATE TRIP DEVICE
ST	SHUNT-TRIP
SW	SWITCH
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
T	TAMPER RESISTANT
TDR	TIME DELAY RELAY
TYP	TYPICAL
TCP	TEMPERATURE CONTROL PANEL
TSTAT	THERMOSTAT
TV	TELEVISION
UG	UNDERGROUND
UH	UNIT HEATER
USB	UNIVERSAL SERIAL BUS
V	VOLT
VR	VOLT-AMPERE
VP	VAPORPROOF
W	WATT
WG	WIRE GUARD
WM	WIREMOLD
WP	WEATHERPROOF
XFMR	TRANSFORMER
XLP	CROSS LINKED POLYETHYLENE
XP	EXPLOSION PROOF
Y	WYE CONNECTED

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES. ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

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PANELBOARD SCHEDULE - LP1A (HIGH SCHOOL)

LOCATION - RM 108	SOURCE - MDS	MOUNTING - SURFACE	SE RATED ☐	FEED-THRU LUGS ☐
RATING (AMPS) - 400A MLO	VOLTAGE - 208Y/120V	PHASE/WIRE - 3-PHASE/4-WIRE	HINGED TRIM ☒	SUB FEED LUGS ☒
KAIC - 10	DESIGN MAKE (SQUARE D) - NQ	NEMA RATING - 1	COMPUTER GRADE ☐	[2] SUB-FEED BREAKER ☒
			200% NEUTRAL ☐	ISOLATED GND BUS ☐

CKT	DESCRIPTION	BREAKER	KVA LOAD								BREAKER	DESCRIPTION	CKT
			LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG			
1	DCU-1A-HS	60A/3P			17			11			40A/3P	DCU-1C-HS	2
3													4
5													6
7	DCU-1B-HS	40A/3P			11						100A/3P	TR (TECH/ROBOTICS)	8
9													10
11													12
13	REC - RM 101 [1]	20A/1P		.6					.8		20A/1P	REC - RM 102B	14
15	REC - 104A	20A/1P		.7					.6		20A/1P	REC - RM 104C	16
17	REC - RM 101	20A/1P		1					1		20A/1P	REC - RM 104B	18
19	REC - RM 101	20A/1P		.9					.6		20A/1P	REC - RM 103 [1]	20
21	REC - RM 101	20A/1P		.9					.6		20A/1P	REC - RM 102 [1]	22
23	REC - RM 101	20A/1P		.9					.6		20A/1P	REC - RM 106	24
25	REC - RM 101	20A/1P		.9					1		20A/1P	REC - RM 106	26
27	REC - RM 101	20A/1P		1					.8		20A/1P	REC - RM 106	28
29	REC - RM 104	20A/1P		1					.6		20A/1P	REC - RM 107	30
31	REC - RM 104	20A/1P		1					.8		20A/1P	REC - CORRIDOR	32
33	TC	20A/1P		.5			5				50A/2P	KILN	34
35	REC - RM 108 [1]	20A/1P		.4									36
37	REC - WATER COOLER [1]	20A/1P							1		20A/1P	REC - RM 102	38
39	REC - RM 101	20A/1P		1					1		20A/1P	REC - RM 102	40
41	3D PRINTER	20A/1P									20A/1P	REC - RM 108	42
43	3D PRINTER	20A/1P									20A/1P	REC - RM 102/103	44
45	POTTERY WHEEL	20A/1P			1.1						20A/1P	REC - RM 102/101	46
47	POTTERY WHEEL	20A/1P			1.1						20A/1P	SPARE	48
49	SPARE	20A/1P									20A/1P	SPARE	50
51	SPARE	20A/1P									20A/1P	SPARE	52
53	SPARE	20A/1P									20A/1P	SPARE	54
LEFT SIDE SUB-TOTAL			-	-	-	-	-	-	-	-	RIGHT SIDE SUB-TOTAL		
CONNECTED SUB-TOTAL			-	-	-	-							
DEMAND FACTOR			1.0	10+1/2	.8	.8							
SUB-TOTAL			-	-	-	-							
TOTAL KVA			-										
TOTAL AMPS			-										

NOTES:

[1] PROVIDE GFCI BREAKER.

[2] ALTERNATE 4-E: PROVIDE 175A, 3-POLE SUB-FEED BREAKER FOR PANELBOARD LP2.

PANELBOARD SCHEDULE - LP1B (HIGH SCHOOL)

LOCATION - RM 108	SOURCE - LP1A	MOUNTING - SURFACE	SE RATED ☐	FEED-THRU LUGS ☐
RATING (AMPS) - 400A MLO	VOLTAGE - 208Y/120V	PHASE/WIRE - 3-PHASE/4-WIRE	HINGED TRIM ☒	SUB FEED LUGS ☐
KAIC - 10	DESIGN MAKE (SQUARE D) - NF	NEMA RATING - 1	COMPUTER GRADE ☐	SUB-FEED BREAKER ☐
			200% NEUTRAL ☐	ISOLATED GND BUS ☐

CKT	DESCRIPTION	BREAKER	KVA LOAD								BREAKER	DESCRIPTION	CKT
			LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG			
1	LGHT - RM 104	20A/1P	1							.6	20A/1P	LGHT - RM 107	2
3	LGHT - RM 101, 104A	20A/1P	.8							.8	20A/1P	LGHT - RM 105A, 106	4
5	LGHT - RM 102, 102A, 104B	20A/1P	.8							1.1	20A/1P	LGHT - RM 105	6
7	LGHT - RM 102B, 103, 104C	20A/1P	.9							.6	20A/1P	LGHT - CORRIDOR	8
9	EF-1	30A/1P			1.6					.2	20A/1P	LGHT - EXTERIOR	10
11	EF-2	30A/1P			1.6			1.1			20A/1P	EF-5	12
13	EF-3	30A/1P			1.6			.5			15A/1P	EF-9/EF-10	14
15	EF-4	30A/1P			1.8			2			15A/2P	FCU-1	16
17	EF-6	30A/1P			1.6								18
19	EF-7	30A/1P			1.8			1.2			15A/2P	FCU-2	20
21	EF-8	30A/1P			1.6								22
23	FCU-6, 7 & CU-1	15A/2P			1			1.2			15A/2P	FCU-3	24
25													26
27	POTTERY WHEEL	20A/1P			1.1			1.2			15A/2P	FCU-4	28
29	SPARE	20A/1P											30
31	ERV-1	15A/1P			.2			1.2			15A/2P	FCU-5	32
33	REC - RM 107	20A/1P		1									34
35	REC - RM 107	20A/1P		1					1		20A/1P	REC - RM 103	36
37	REC - RM 103	20A/1P		1				.2			20A/1P	ACCESS CONTROL	38
39	SPARE	20A/1P									20A/1P	SPARE	40
41	AIR COMPRESSOR	20A/3P									100A/3P	LB6	42
43													44
45													46
47	LGHT - RM 109-112	20A/1P	.3								20A/1P	SPARE	48
49	SPARE	20A/1P									20A/1P	SPARE	50
51	SPARE	20A/1P									20A/1P	SPARE	52
53	SPARE	20A/1P									20A/1P	SPARE	54
LEFT SIDE SUB-TOTAL			-	-	-	-	-	-	-	-	RIGHT SIDE SUB-TOTAL		
CONNECTED SUB-TOTAL			-	-	-	-							
DEMAND FACTOR			1.0	10+1/2	.8	.8							
SUB-TOTAL			-	-	-	-							
TOTAL KVA			-										
TOTAL AMPS			-										

PANELBOARD SCHEDULE - TR (HIGH SCHOOL)

LOCATION - RM 105	SOURCE - LP1A	MOUNTING - SURFACE	SE RATED ☐	FEED-THRU LUGS ☐
RATING (AMPS) - 100A MCB [2]	VOLTAGE - 208Y/120V	PHASE/WIRE - 3-PHASE/4-WIRE	HINGED TRIM ☒	SUB FEED LUGS ☐
KAIC - 10	DESIGN MAKE (SQUARE D) - NQ	NEMA RATING - 1	COMPUTER GRADE ☐	SUB-FEED BREAKER ☐
			200% NEUTRAL ☐	ISOLATED GND BUS ☐

CKT	DESCRIPTION	BREAKER	KVA LOAD								BREAKER	DESCRIPTION	CKT
			LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG			
1	REC - RM 105 [1]	20A/1P		1					1		20A/1P	REC - RM 105 [1]	2
3	REC - RM 105 [1]	20A/1P		1					.8		20A/1P	REC - RM 105 [1]	4
5	CNC-1 [1]	20A/1P									20A/1P	BAND SAW [1]	6
7	CNC-2 [1]	20A/1P									20A/1P	GRIND [1]	8
9	DP-1 [1]	20A/1P									20A/1P	PIPE CUTTER [1]	10
11	DP-2 [1]	20A/1P									20A/1P	SPARE	12
13	WELDER	50A/2P									20A/1P	SPARE	14
15											20A/1P	SPARE	16
17	WELDER	50A/2P									20A/1P	SPARE	18
19											20A/1P	SPARE	20
21	SPARE	20A/1P									20A/1P	SPARE	22
23	SPARE	20A/1P									20A/1P	SPARE	24
25	SPARE	20A/1P									20A/1P	SPARE	26
27	SPARE	20A/1P									20A/1P	SPARE	28
29	SPARE	20A/1P									20A/1P	SPARE	30
LEFT SIDE SUB-TOTAL			-	-	-	-	-	-	-	-	RIGHT SIDE SUB-TOTAL		
CONNECTED SUB-TOTAL			-	-	-	-							
DEMAND FACTOR			1.0	10+1/2	.8	.8							
SUB-TOTAL			-	-	-	-							
TOTAL KVA			-										
TOTAL AMPS			-										

NOTES:

[1] PROVIDE GFCI BREAKER.

[2] PROVIDE SHUNT-TRIP MAIN CIRCUIT BREAKER.

LIGHTING FIXTURE SCHEDULE - HIGH SCHOOL

DESIGNATION	DIMENSIONS	TYPE	CONSTRUCTION	REFLECTOR/ BAFFLE	LENS	LIGHT SOURCE/LAMP	LUMENS	COLOR TEMPERATURE	BALLAST/ DRIVER	VOLTAGE	FIXTURE WATTAGE	MOUNTING/ CEILING TYPE	DESIGN MAKE	ACCEPTABLE MANUFATURERS	NOTES
E1	8.5"x2.25"x5"	WALL MOUNTED EMERGENCY LIGHT WITH NICKEL METAL HYDRIDE BATTERY, 90 MINUTE OPERATION.	THERMOPLASTIC HOUSING WITH WHITE FINISH.	-	-	LED	290	-	-	UNV	4	WALL	DUAL-LITE "EV" SERIES	WILLIAMS COOPER	-
F1	2'x2'	ARCHITECTURAL LED LUMINAIRE.	HOUSING IS CONSTRUCTED OF HEAVY GAUGE STEEL, DIE FORMED WITH NON-GLARE HIGH REFLECTANCE WHITE POWDER COST FINISH.	CONTOUR SHIELDING.	HIGH TRANSMISSION EXTRUDED ACRYLIC LENS.	LED	4,460	4000°K	0-10V DIMMING DRIVER	UNV	41	FLUSH/LAY-IN	COLUMBIA "SERRANO" SERIES	WILLIAMS COOPER	-
F2	4-3/4" DIAMETER	RECESSED NEW CONSTRUCTION 4" DOWNLIGHT.	ELECTROCOATED 16 GAUGE COLD ROLLED STEEL. TRIM AND BEZEL COLOR BY ARCHITECT.	-	80° HIGH EFFICIENCY DIFFUSED LENS (0.98)	LED	3,460	4000°K	0-10V DIMMING DRIVER	UNV	48	FLUSH/LAY-IN	ALPHABET "NU4RD" SERIES	WILLIAMS COOPER	-
F3	2"x4'x3-1/4"	ARCHITECTURAL RECESSED LED LUMINAIRE.	EXTRUDED, TWIN-LAYERED, HIGH IMPACT ACRYLIC. POLYESTER POWDER COAT FINISH.	-	EXTRUDED, IMPACT RESISTANT, LED OPTIMIZED WHITE ACRYLIC LENS	LED	2,800	4000°K	0-10V DIMMING DRIVER	UNV	29	FLUSH/LAY-IN	ALW "LP2R" SERIES	WILLIAMS COOPER	-
F4	4-7/16" x 4-7/8" x 6'-0"	4" LINEAR PENDANT.	EXTRUDED ALUMINUM CONSTRUCTION.	-	ACRYLIC BATWING LENS	LED	900 LUMENS PER FOOT (5,400)	4000°K	0-10V DIMMING DRIVER	UNV	60	8'-0" AIRCRAFT CABLE/EXPOSED	PRUDENTIAL "BIONIC 4" LINEAR" SERIES	WILLIAMS COOPER	-
F5	4'	ENCLOSED AND GASKETED FIBERGLASS LED.	HOUSING IS FORMED WITH UL 5VA FIBERGLASS, SUITABLE FOR INDOOR OR OUTDOOR WITH RESPECT TO UV LIGHT.	-	RIBBED FROSTED ACRYLIC	LED	6,400	4000°K	FIXED OUTPUT	UNV	52	5'-0" CHAIN/ EXPOSED	COLUMBIA "LXEM" SERIES	WILLIAMS COOPER	-
F6	32" DIAMETER	LED ROUND PENDANT.	SLIM ALUMINUM WITH AIRCRAFT CABLE. FINISH BY ARCHITECT.	-	-	LED	6,630	4000°K (CUSTOM)	0-10V DIMMING DRIVER	UNV	50	10'-0" AIRCRAFT CABLE/ EXPOSED	MOLTO LUCE "BINA PENDANT ROUND" SERIES	WILLIAMS COOPER	-
F7	9'-0" (3)-3'-0" CONTINUOUS SECTIONS	WALL MOUNT CANTILEVER LED CSA CERTIFIED FOR WET LOCATIONS.	BRIGHT ANODIZED EXTRUDED ALUMINUM HEAT SINK/HOUSING WITH FORMED CANOPY. FINISH BY ARCHITECT.	PRECISION EXTRUDED POLYMER REFRACTIVE LENS WITH OPTIMAL DISPERSION.	-	LED	3,597	4000°K	STANDARD	UNV	30	WALL/-	ELIPTIPAR "STYLE S151" SERIES	WILLIAMS COOPER	SEE NOTE 2
F8	16"x12.125" x9"	LED WALL PACK.	DIE-CAST ALUMINUM HOUSING WITH LEKTROCOTE SERIES POWDER PAINT BRONZE FINISH.	-	FULL CUT-OFF TYPE IV DISTRIBUTION	LED	3,177	4000°K	STANDARD	UNV	35	WALL/-	SPAULDING LIGHTING "LAREDO" SERIES	WILLIAMS COOPER	SEE NOTE 3
T1	4" x 2$\frac{13}{16}$"	HIGH POWERED HORIZONTAL TRACK HEAD LED.	DIE-CAST CONSTRUCTION	-	-	LED	1,051	4000°K	DIMMING	120	21	TRACK	AMERLUX "HORNET-HP -H" SERIES	WILLIAMS COOPER	SEE NOTE 1
	REFER TO PLANS FOR LENGTHS	POWER SUPPLY TRACK WITH SINGLE CIRCUIT, T-BAR FEED KIT, AND DEAD END KITS.	EXTRUDED ALUMINUM HOUSING WITH MILLED GROUND BAR AND CONTINUOUSLY CRIMPED CONDUCTOR.	-	-	-	-	-	-	120	-	1'-6" ADJUSTABLE AIRCRAFT CABLE/GRID	AMERLUX "GES 1C1R 120V" SERIES	WILLIAMS COOPER	SEE NOTE 1
X1	13"x9"	LED EXIT SIGN WITH WHITE HOUSING.	THERMO. HOUSING WITH NICK. CADMIUM BATTERY BACKUP AND UNIV. MOUNTING. REFER TO PLANS FOR MOUNT. AND FACE DESIGNATIONS.	-	-	RED LED	-	-	-	UNV	2	CEILING/WALL	DUALITE "LX" SERIES	WILLIAMS COOPER	-

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

A. SUBMITTAL PACKAGE SHALL INDICATE TYPE BY BUILDING; IE: P-F1, H-F1, ETC... DO NOT CONSOLODATE TYPICAL BUILDING TYPES INTO ONE SUBMITTAL.

B. PROVIDE MANUFACTURER APPROVED DIMMER SWITCHES COMPATIBLE WITH LED DRIVERS; SWITCH QUANTITIES AS INDICATED IN PLAN.

NOTES:

1. PROVIDE ALL ACCESSORIES, CONNECTORS, ANGLE BRACKETS AND SUPPORTS FOR COMPLETE SYSTEM.
2. REFER TO ARCHITECTURAL ELEVATIONS FOR ADDITIONAL INFORMATION. COORDINATE FINAL AIMING ANGLE WITH OWNERS REPRESENTATIVE.
3. REFER TO PLANS FOR FIXTURES REQUIRING EMERGENCY (EM) POWER PACK.

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE - HIGH SCHOOL

	EQUIPMENT						SUPPLY				DISCONNECT			CONTROLS			NOTES
ITEM NO.	NAME	ROOM LOCATION	HP	KW	Ø	VOLTS	PANEL OR CONTROL CENTER	CIRCUIT BREAKER	WIRING FROM PANEL TO CONTROL UNIT	WIRING FROM CONTROL UNIT TO EQUIPMENT	AMPS	FUSE SIZE	NEMA RATING	MOTOR STARTER/ CONTROLLER NOTES	CONTROLLER LOCATION	NEMA RATING	
1	EF-1	RM 101	3/4	-	1	120	LP1B	30A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10, 16	-	-	-
2	EF-2	RM 102	3/4	-	1	120	LP1B	30A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10, 16	-	-	-
3	EF-3	RM 103	3/4	-	1	120	LP1B	30A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10, 16	-	-	-
4	EF-4	RM 104	1	-	1	120	LP1B	30A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10, 16	-	-	-
5	EF-5	RM 104	1/2	-	1	120	LP1B	20A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	-
6	EF-6	RM 107	3/4	-	1	120	LP1B	30A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10, 16	-	-	-
7	EF-7	RM 105	1	-	1	120	LP1B	30A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10, 16	-	-	-
8	EF-8	RM 105	3/4	-	1	120	LP1B	30A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	-
9	EF-9	RM 103	1/10	-	1	120	LP1B	15A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	1
10	EF-10	ROOF	1/10	-	1	120	LP1B	15A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	1
11	FCU-1	RM 105	-	-	1	208	LP1B	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	-
12	FCU-2	RM 106	-	-	1	208	LP1B	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	-
13	FCU-3	RM 107	-	-	1	208	LP1B	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	-
14	FCU-4	RM. 103	-	-	1	208	LP1B	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	-
15	FCU-5	RM. 103	-	-	1	208	LP1B	15A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	-
16	FCU-6	RM. 102	-	-	1	208	LP1B	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	2
17	FCU-7	RM. 101	-	-	1	208	LP1B	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	2
18	CU-1	RM. 104C	-	-	1	208	LP1B	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	2
19	ERV-1	RM. 104C	-	-	1	120	LP1B	15A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	-	-	4
20	EF-11	ROOF	3/4	-	1	208	LP2	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10, 16	-	-	3
21	EF-12	ROOF	3/4	-	1	208	LP2	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	3
22	EF-13	ROOF	1	-	1	208	LP2	15A/2P	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10, 16	-	-	3
23	EF-14	ROOF	1/10	-	1	120	-	-	(2)-#12, (1)-#12 EGC IN 3/4"C	-	-	-	-	10	-	-	5
24	DCU-1A-HS	ROOF	-	-	3	208	LP1A	60A/3P	(3)-#6, (1)-#10 EGC IN 1"C	-	-	-	-	10	-	-	-
25	DCU-1B-HS	ROOF	-	-	3	208	LP1A	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"C	-	-	-	-	10	-	-	-
26	DCU-1C-HS	ROOF	-	-	3	208	LP1A	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"C	-	-	-	-	10	-	-	-
27	UV-1-H	RM. 238	-	-	3	208	LP2	30A/3P	(3)-#10, (1)-#10 EGC IN 3/4"C	-	-	-	-	10	-	-	3
28	UV-2-H	RM. 239	-	-	3	208	LP2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"C	-	-	-	-	10	-	-	3
29	UV-3-H	RM. 241C	-	-	3	208	LP2	30A/3P	(3)-#10, (1)-#10 EGC IN 3/4"C	-	-	-	-	10	-	-	3
30	UV-4-H	RM. 241B	-	-	3	208	LP2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"C	-	-	-	-	10	-	-	3
31	UV-5-H	RM. 241B	-	-	3	208	LP2	40A/3P	(3)-#8, (1)-#10 EGC IN 3/4"C	-	-	-	-	10	-	-	3

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE GENERAL NOTES:

A. ALL CONTROL EQUIPMENT PROVIDED BY THE DIVISION 26 CONTRACTOR UNLESS OTHERWISE NOTED.

B. ITEM NUMBER INDICATES EQUIPMENT NUMBER.

C. ALL CONTROL DEVICES TO BE SURFACE MOUNTED UNLESS OTHERWISE NOTED.

D. PROVIDE OVERLOADS, SIZE AS REQUIRED BY DIVISION 23 CONTRACTOR.

E. "AU" INDICATES CONTROL DEVICE LOCATED AT UNIT.

F. "NF" INDICATES NON-FUSED.

G. WHERE CONTROLS ARE LOCATED REMOTE FROM MOTOR PROVIDE DISCONNECT IN ADDITION TO CONTROLS.

H. WHERE DISCONNECT SIZES ARE INDICATED PROVIDE DISCONNECT.

NOTES:

1. CONNECT EF-9 AND EF-10 TO A COMMON FEED.
2. CONNECT FCU-6, FCU-7 AND CU-1 TO A COMMON FEED.
3. ALTERNATE 4-E.
4. CONNECT TO SUPPLY AND EXHAUST FAN MOTORS AND POTENTIOMETER SPEED CONTROLLER.
5. CONNECT TO NEAREST 120V UN-SWITCHED SOURCE.

MOTOR STARTER/CONTROLLER NOTES:

1. MOTOR RATED SWITCH.
2. MANUAL MOTOR STARTER.
3. MANUAL MOTOR STARTER WITH RELAY.
4. MAGNETIC STARTER.
5. COMBINATION MAGNETIC STARTER.
6. VARIABLE FREQUENCY DRIVE. FURNISHED BY MC, INSTALLED BY EC.
7. COMBINATION TWO SPEED MAGNETIC STARTER.
8. COMBINATION REDUCED VOLTAGE MAGNETIC STARTER.
9. DUPLEX CONTROLLER WITH ALTERNATION CIRCUIT.
10. PACKAGED CONTROL UNIT.
11. H-O-A SELECTOR SWITCH IN COVER.
12. PILOT LIGHT IN COVER.
13. START-STOP PUSHBUTTON.
14. DUPLEX RECEPTACLE.
15. LINE-VOLTAGE THERMOSTAT.
16. PROVIDE FAN SHUTDOWN RELAY AND CONNECT TO FACP FOR SHUTDOWN ON BUILDING ALARM.

SCHEDULE DRAWING KEY

LP1A	LIGHTING FIXTURE SCHEDULE
LP1B	
TR	ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
-	

S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Revision :
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2/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Drawing Title :
LIGHTING FIXTURE, PANELBOARD AND ELECTRIC EQUIPMENT AND CONTROL SCHEDULES HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : SDK

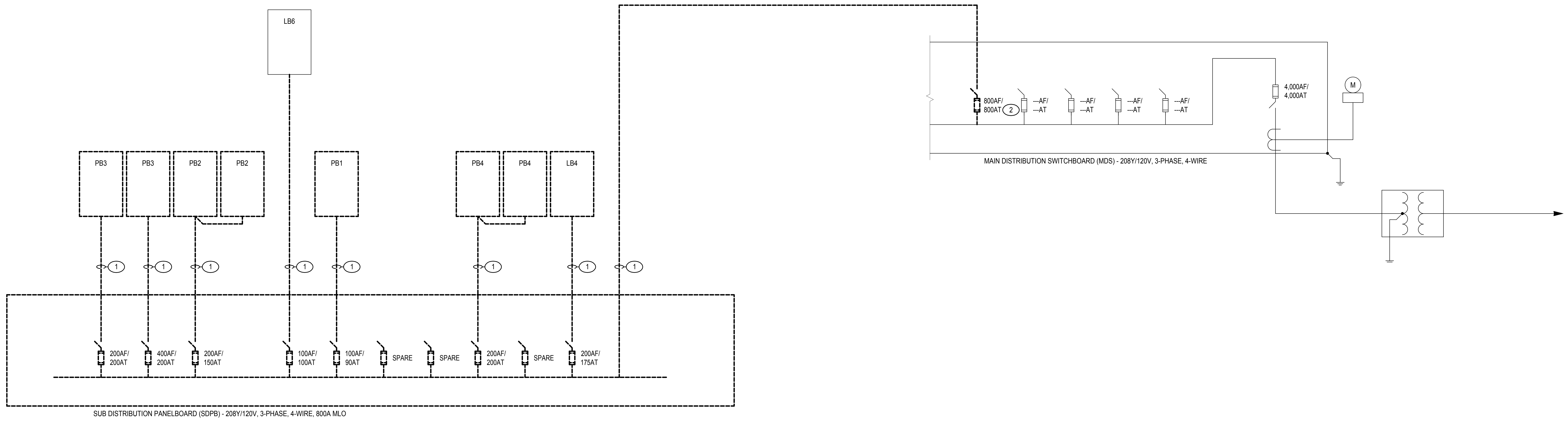
Drawing Number :
EP 002

REMOVAL NOTES: ⬭

1. DISCONNECT & REMOVE FEEDER IN ITS ENTIRETY.
2. REMOVE (3) 800A FUSES.

GENERAL NOTES:

A. REFER TO DWG EP 204 FOR MAIN DISTRIBUTION SWITCHBOARD (MDS) LOCATION.



1 ONE-LINE DIAGRAM - REMOVALS

SCALE: NTS

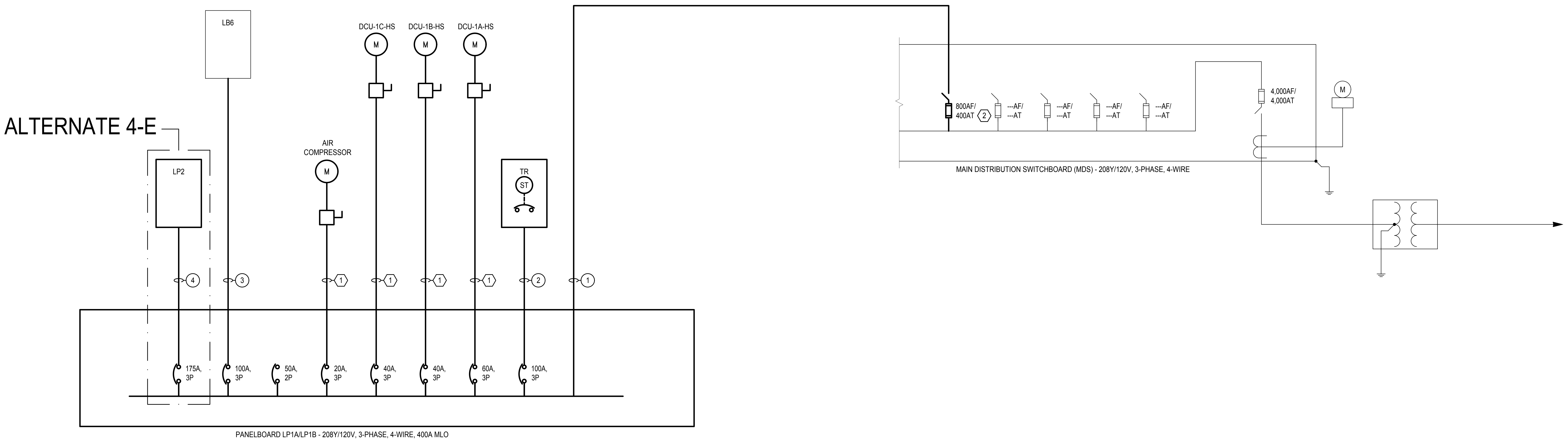
FEEDER SCHEDULE								
DESIGNATION	SOURCE	LOAD	OCPD	PHASE	NEUTRAL	GROUND	CONDUIT	NOTES
①	MDS	LP1A/LP1B	400	(3) 600 KCMIL	(1) 600 KCMIL	(1) #2	4"	
②	LP1A/LP1B	TR	100	(3) #2	(1) #2	(1) #8	1 1/2"	
③	LP1A/LP1B	LB6	100	(3) #2	(1) #2	(1) #8	1 1/2"	
④	LP1A	LP2	175	(3) #2/0	(1) #2/0	(1) #6	2"	

DRAWING NOTES: ⬡

1. REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE ON DWG EP 002 FOR ADDITIONAL INFORMATION.
2. PROVIDE (3) 400A FUSES.

GENERAL NOTES:

A. REFER TO DWG EP 504 FOR MAIN DISTRIBUTION SWITCHBOARD (MDS) LOCATION.



2 ONE-LINE DIAGRAM

SCALE: NTS

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Alterations to School District Facilities
Phase Two

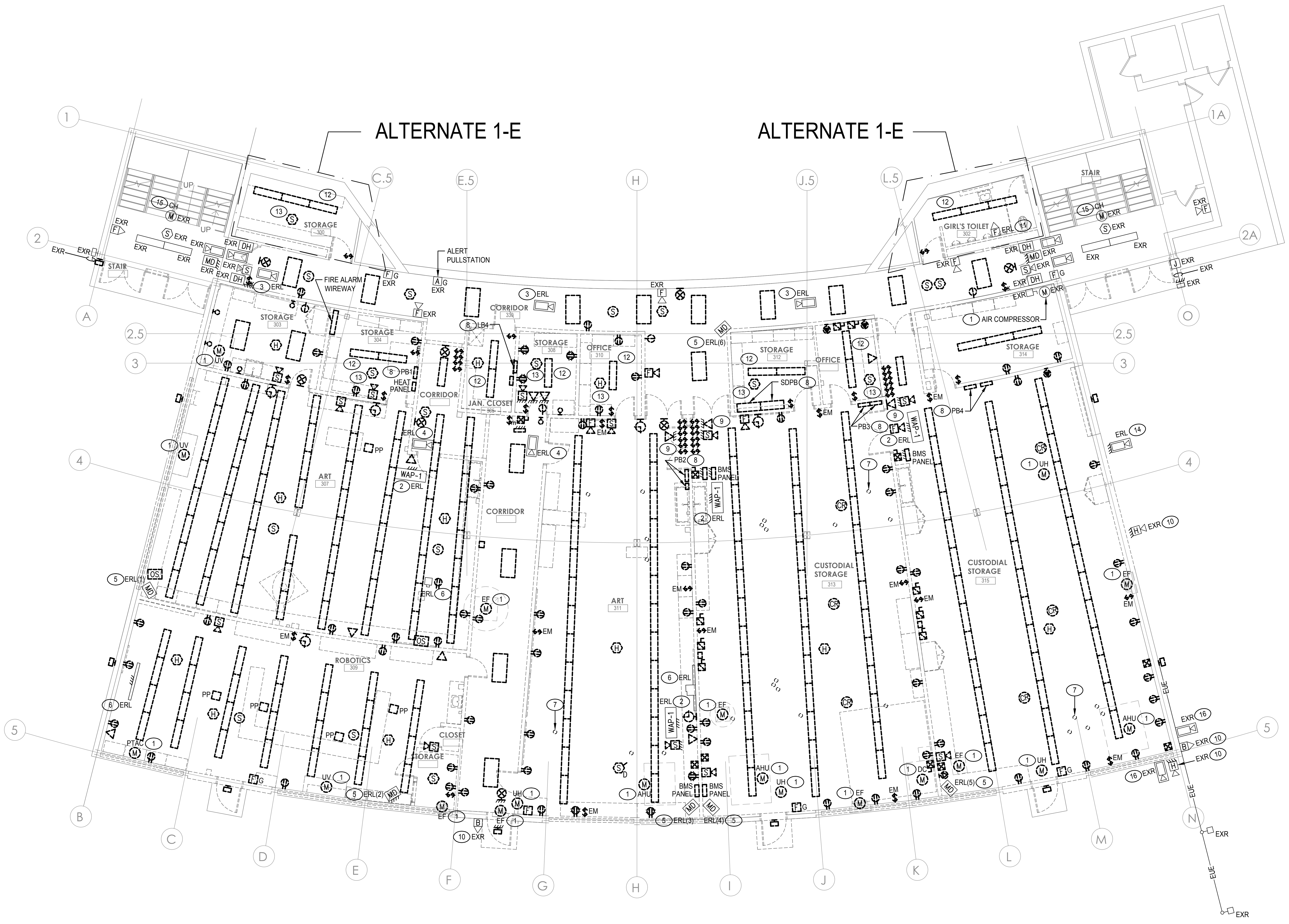
Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
ONE-LINE DIAGRAMS
HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : SDK

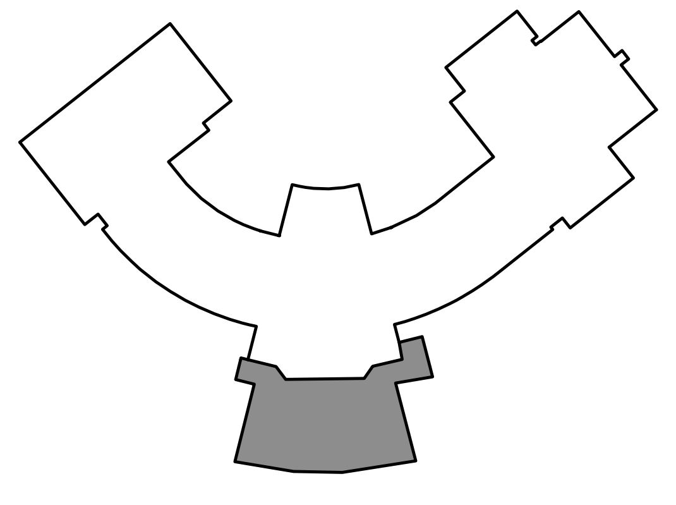
Drawing Number :
EP
010



① **LOWER LEVEL PLAN**
SCALE: 1/8" = 1'-0"

REMOVAL NOTES: ⬭

1. DISCONNECT & REMOVE HVAC BRANCH CIRCUIT(S) IN THEIR ENTIRETY.
2. REMOVE WIRELESS ACCESS POINT. TURN OVER TO OWNER.
3. REMOVE & REINSTALL SECURITY CAMERA AS REQUIRED TO ACCOMMODATE CEILING REMOVAL.
4. REMOVE SECURITY CAMERA AND TURN OVER TO OWNER.
5. REMOVE & RELOCATE MOTION DETECTOR. REFER TO DWG EP 501 FOR LOCATION.
6. REMOVE PROJECTOR, LED BOARD, SMARTBOARD AND MULTI-MEDIA OUTLET. TURN OVER TO OWNER.
7. CUT, FILL AND ABANDON CONDUITS IN SLAB (TYPICAL).
8. DISCONNECT & REMOVE PANELBOARD(S) AND BRANCH CIRCUITS IN THEIR ENTIRETY.
9. REMOVE IP PHONE AND TURN OVER TO OWNER.
10. CONTRACTOR TO ASSUME THAT THE CABLING FOR THESE DEVICES WILL BE DAMAGED DURING THE RECONSTRUCTION. TRACE CABLING AND PROVIDE EXTENSION OF EXISTING CABLING OUTSIDE THE AREA OF RENOVATIONS TO DEVICE.
11. REMOVE & RELOCATE FA DEVICE AS REQUIRED TO ACCOMMODATE RENOVATIONS. REFER TO DWG EP 501 FOR LOCATION.
12. DISCONNECT & REMOVE LIGHTING BRANCH CIRCUIT IN ITS ENTIRETY. REMOVAL OF LIGHT FIXTURES WITHIN ROOM BY ABATEMENT CONTRACTOR.
13. DISCONNECT & REMOVE FIRE ALARM CABLING IN ITS ENTIRETY. REMOVAL OF SMOKE DETECTOR WITHIN ROOM BY ABATEMENT CONTRACTOR.
14. REMOVE COAX CABLE IN ITS ENTIRETY. TURN CAMERA OVER TO OWNER.
15. DISCONNECT & PARTIALLY REMOVE HVAC BRANCH CIRCUIT.
16. REMOVE DATA CABLING CABLE IN ITS ENTIRETY. CAMERA TO REMAIN FOR REUSE.



KEY PLAN
NO SCALE

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
LOWER LEVEL
REMOVAL PLAN

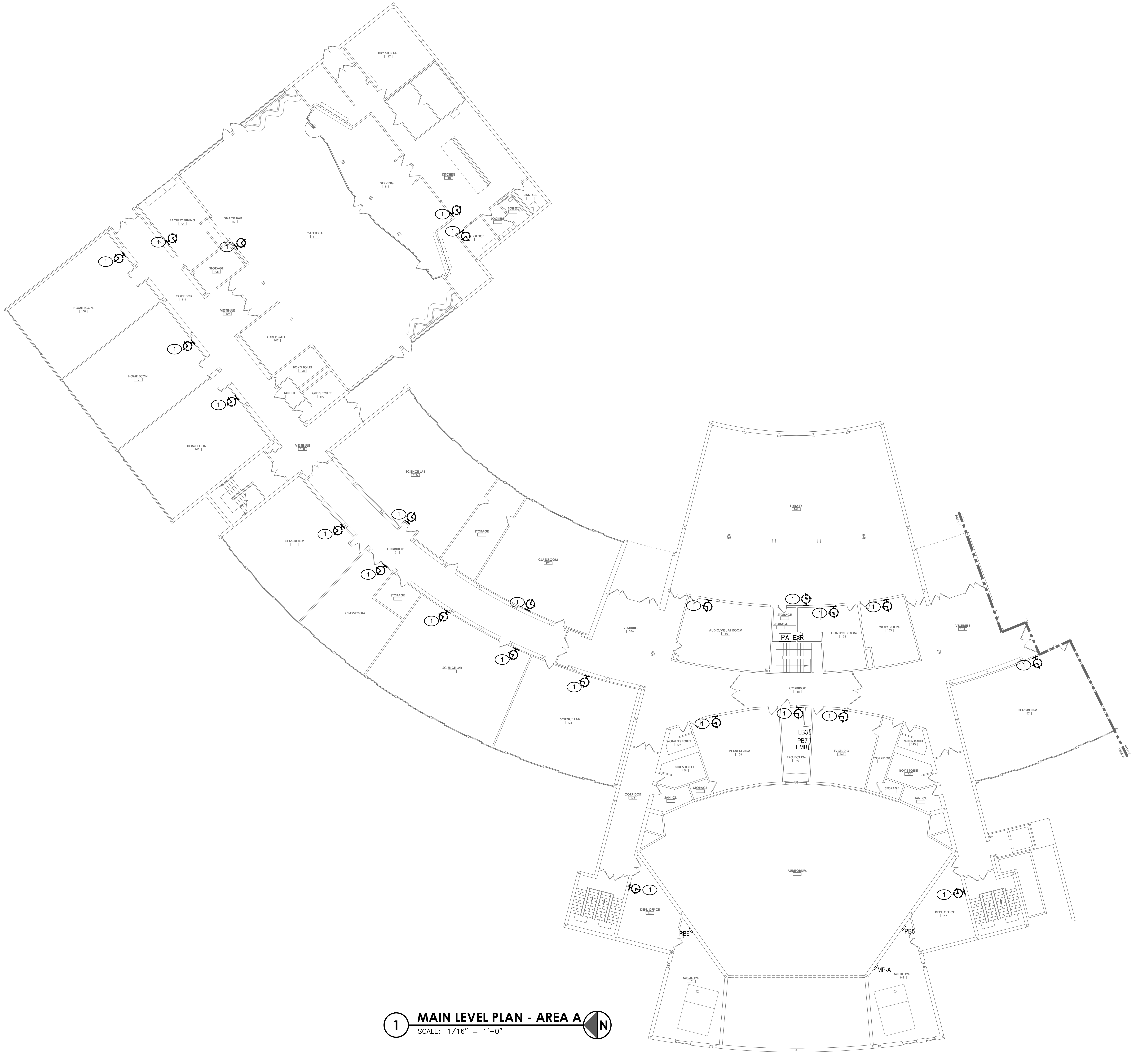
HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : SDK

Drawing Number :
EP
201

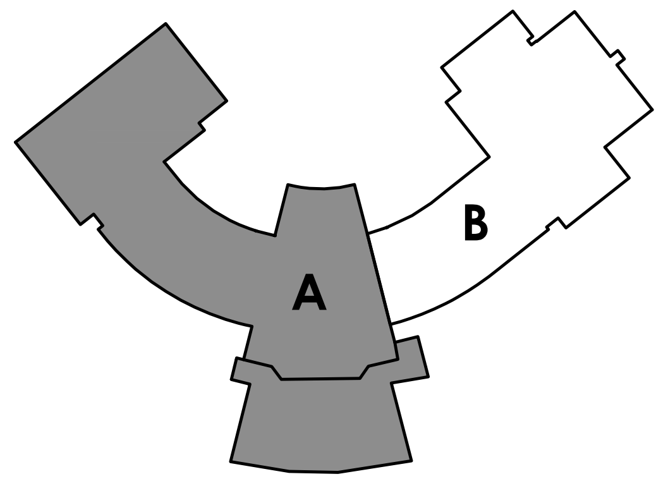
REMOVAL NOTES: ⬭

1. ALTERNATE 5-E: DISPOSE OF WIRELESS CLOCK.



① **MAIN LEVEL PLAN - AREA A**

SCALE: 1/16" = 1'–0"



KEY PLAN

NO SCALE

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
MAIN LEVEL
REMOVAL PLAN - AREA A

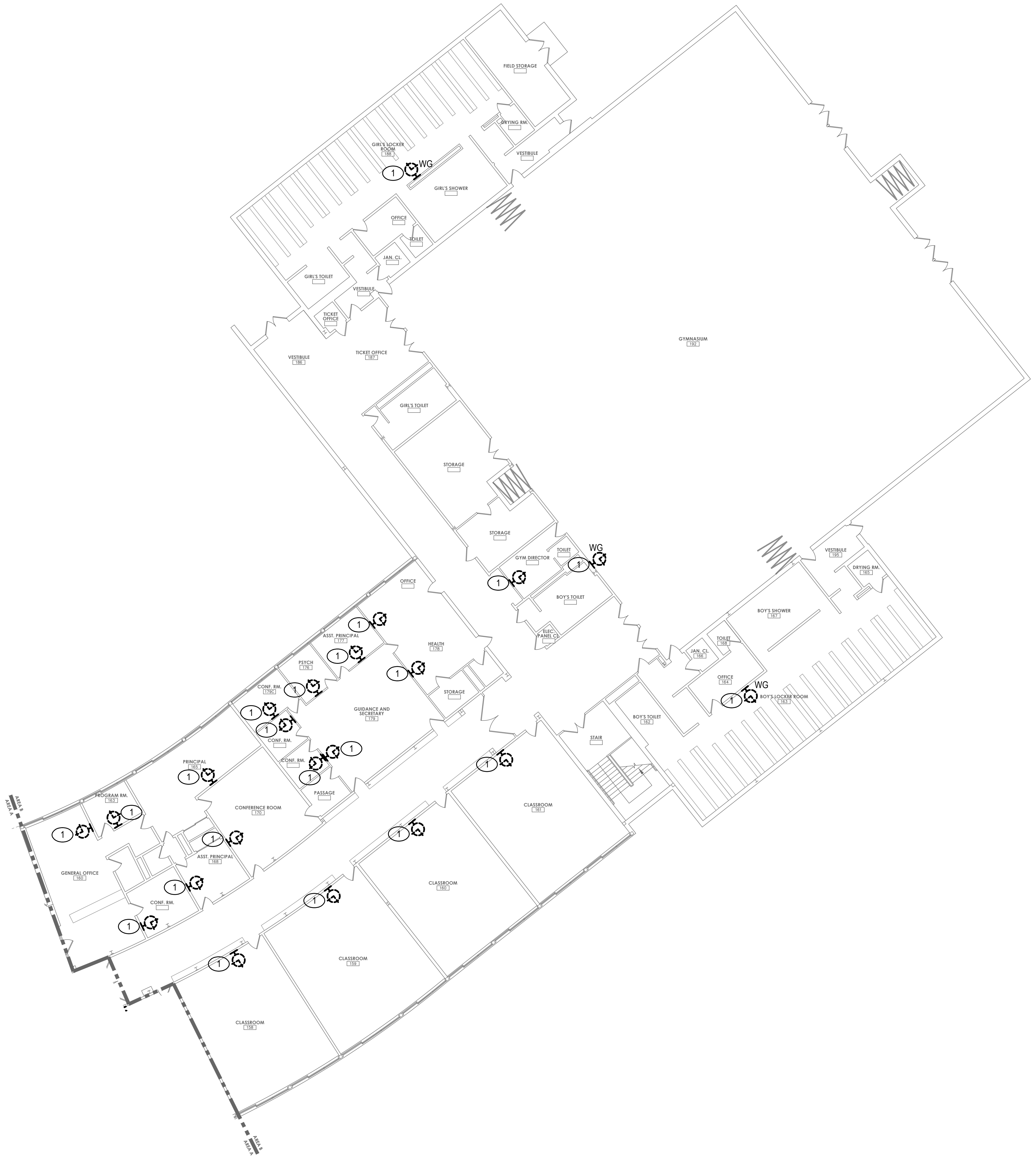
HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

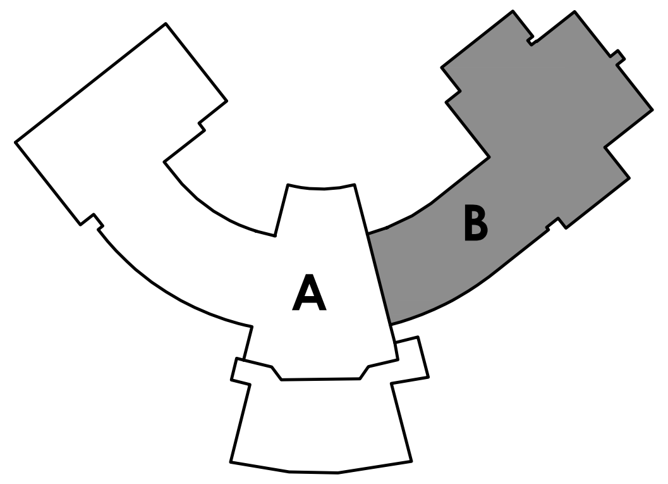
Drawing Number :
EP
202

REMOVAL NOTES: ○

1. ALTERNATE 5-E: DISPOSE OF WIRELESS CLOCK.



① **MAIN LEVEL PLAN - AREA B**
SCALE: 1/16" = 1'-0"
N



KEY PLAN
NO SCALE
N

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
MAIN LEVEL
REMOVAL PLAN - AREA B

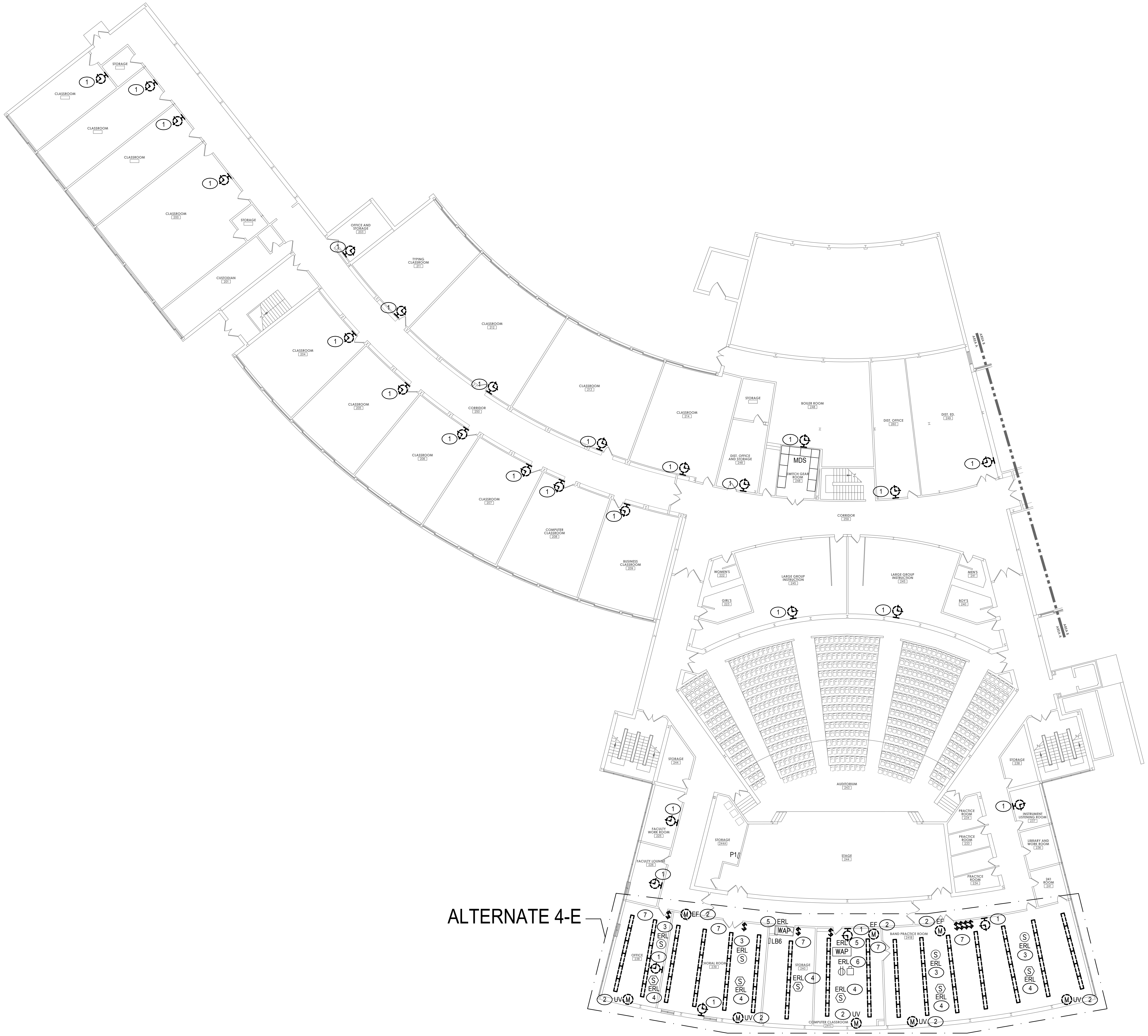
HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

Drawing Number :
EP
203

REMOVAL NOTES: ○

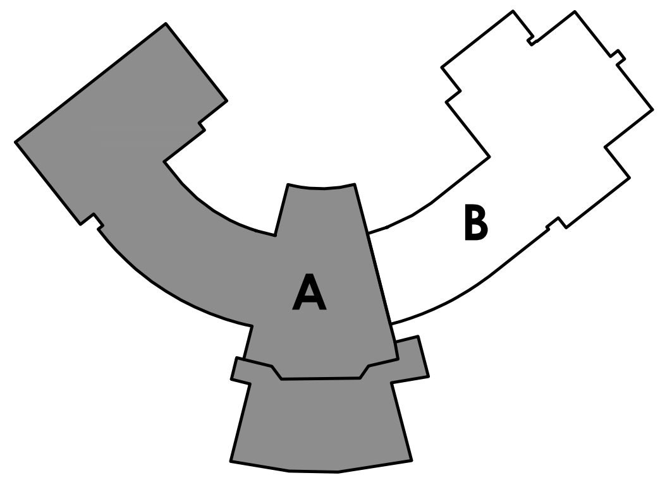
1. ALTERNATE 5-E: DISPOSE OF WIRELESS CLOCK.
2. DISCONNECT & REMOVE HVAC BRANCH CIRCUIT(S) IN THEIR ENTIRETY.
3. REMOVE & REINSTALL PA SPEAKER AS REQUIRED TO ACCOMMODATE CEILING REMOVAL.
4. REMOVE & REINSTALL SMOKE DETECTOR AS REQUIRED TO ACCOMMODATE CEILING REMOVAL.
5. REMOVE & REINSTALL WIRELESS ACCESS POINT AS REQUIRED TO ACCOMMODATE CEILING REMOVAL.
6. REMOVE & REINSTALL PROJECTOR, ASSOCIATED CABLING AND CEILING MOUNTED RECEPTACLE AS REQUIRED TO ACCOMMODATE CEILING REMOVAL.
7. DISCONNECT & REMOVE LIGHTING AND WIRING WITHIN ROOM. MAINTAIN BRANCH CIRCUIT HOMERUN FOR REUSE.



① **INTERMEDIATE LEVEL - AREA A**

SCALE: 1/16" = 1'–0"

N



KEY PLAN

NO SCALE

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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2/01/2021

Drawing Title :
INTERMEDIATE LEVEL
REMOVAL PLAN - AREA A

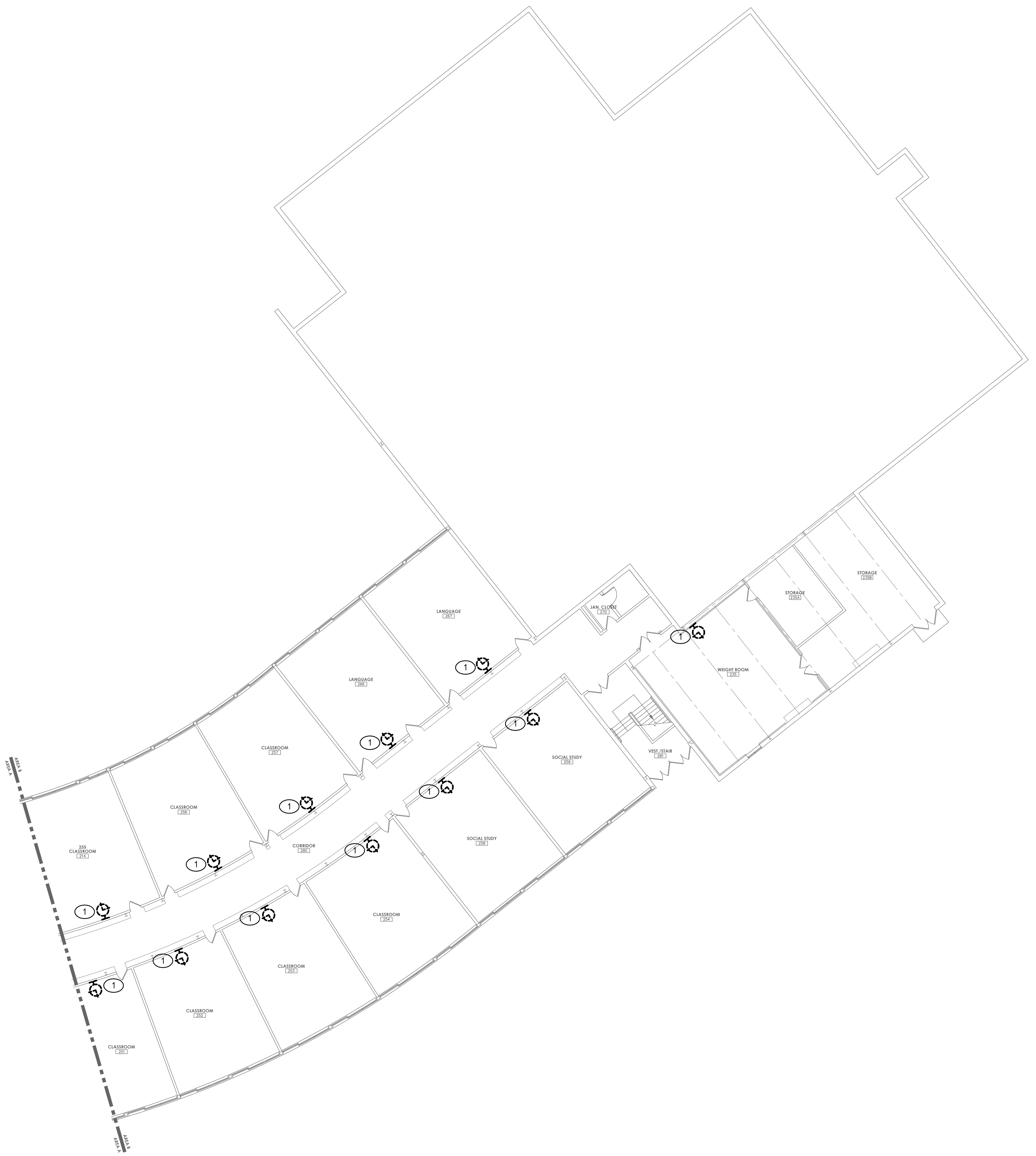
HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

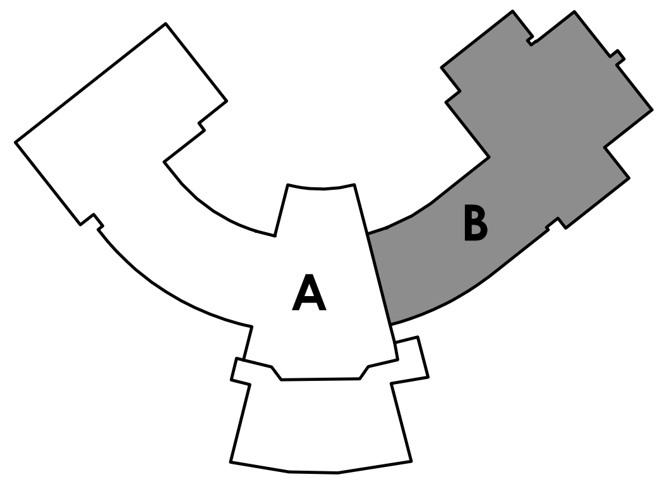
Drawing Number :
EP 204

REMOVAL NOTES: ○

1. ALTERNATE 5-E: DISPOSE OF WIRELESS CLOCK.



① **INTERMEDIATE LEVEL - AREA B**
SCALE: 1/16" = 1'–0"



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Phase Two

Peekskill City School District
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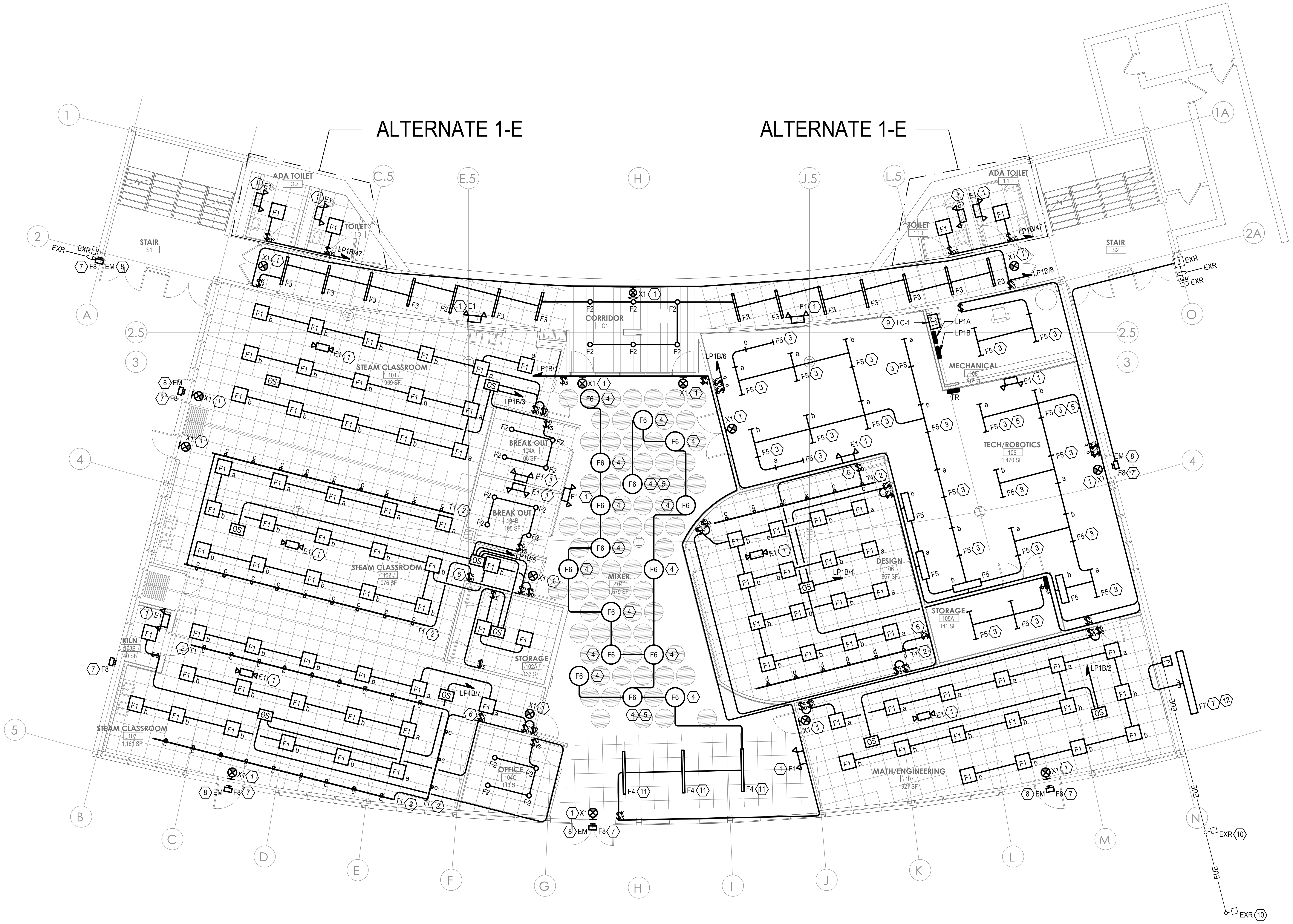
2/01/2021

Drawing Title :
INTERMEDIATE LEVEL
REMOVAL PLAN - AREA B

HIGH SCHOOL

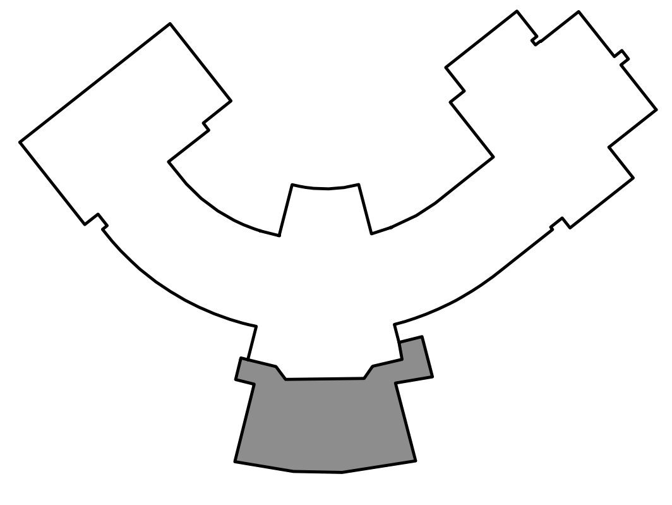
APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

Drawing Number :
EP 205



1 **LOWER LEVEL PLAN**

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



KEY PLAN

NO SCALE

DRAWING NOTES: ⬡

1. CONNECT TO UN-SWITCHED LOCAL LIGHTING CIRCUIT.
2. INSTALL LIGHT FIXTURE 1'-6" BELOW CEILING.
3. INSTALL LIGHT FIXTURE 12'-0" AFF.
4. INSTALL LIGHT FIXTURE 11'-0" AFF.
5. PROVIDE UNI-STRUT WITH THREADED ROD AS REQUIRED TO INSTALL LIGHT FIXTURES BELOW DUCTWORK.
6. PROVIDE ELV (REVERSE PHASE) DIMMER FOR CONTROL OF TRACK LIGHTING. DESIGN MAKE: LUTRON SKYLARK DIMMER OR APPROVED EQUAL.
7. PROVIDE BRANCH CIRCUIT WITH (2)-#10 AWG, (1)-#10 AWG EGC IN 3/4"C VIA LC-1 AND CONNECT TO PANELBOARD LP1B/10.
8. CONNECT EMERGENCY BATTERY PACK TO THE LINE SIDE OF LIGHTING CONTACTOR LC-1.
9. PROVIDE 30A, 120V, 2-POLE, LIGHTING CONTACTOR (LC-1) FOR CONTROL OF EXTERIOR LIGHTING. REFER TO EXTERIOR LIGHTING CONTROL SCHEMATIC 4/EP 603 FOR ADDITIONAL INFORMATION.
10. MAINTAIN EXISTING PEDESTRIAN SITE LIGHTING BRANCH CIRCUIT.
11. INSTALL LIGHT FIXTURE 10'-6" AFF.
12. INSTALL LIGHT FIXTURE 13'-11" AFG. COORDINATE EXACT LOCATION OF OWNER SUPPLIED SIGNAGE PRIOR TO ROUGH IN.

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S.E.D. NUMBER : ■ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
LOWER LEVEL
LIGHTING PLAN

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : SDK

Drawing Number :

EP 301

ELECTRIC EQUIPMENT SCHEDULE - TECH/ROBOTICS 105

ITEM NO.	DESCRIPTION	HP	KW	AMPS	Ø	VOLTS	PANEL	OCPD	BRANCH CIRCUIT WIRING	CONNECTION TYPE		DISCONNECT SWITCH			NOTES
										PLUG	HARD WIRED	AMPS	FUSE SIZE	NEMA RATING	
CNC-1	X_CARVE 1000 CNC	-	-	-	1	120	TR	20A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	5-20P	-	-	-	-	-
CNC-2	X_CARVE 1000 CNC	-	-	-	1	120	TR	20A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	5-20P	-	-	-	-	-
DP-1	RYOBI DRILL PRESS	-	-	-	1	120	TR	20A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	5-20P	-	-	-	-	-
DP-2	RYOBI DRILL PRESS	-	-	-	1	120	TR	20A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	5-20P	-	-	-	-	-
BAND	RYOBI BAND SAW	-	-	-	1	120	TR	20A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	5-20P	-	-	-	-	-
GRIND	RYOBI TABLE GRINDER	-	-	-	1	120	TR	20A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	5-20P	-	-	-	-	-
PCUT	DEWALT PIPE CUTTER	-	-	-	1	120	TR	20A/1P	(2)-#12, (1)-#12 EGC IN 3/4"C	5-20P	-	-	-	-	-
WD1	WELDER	-	-	-	1	208	TR	50A/2P	(2)-#6, (1)-#8 AWG EGC IN 1"C	6-50P	-	-	-	-	1
WD2	WELDER	-	-	-	1	208	TR	50A/2P	(2)-#6, (1)-#8 AWG EGC IN 1"C	6-50P	-	-	-	-	1

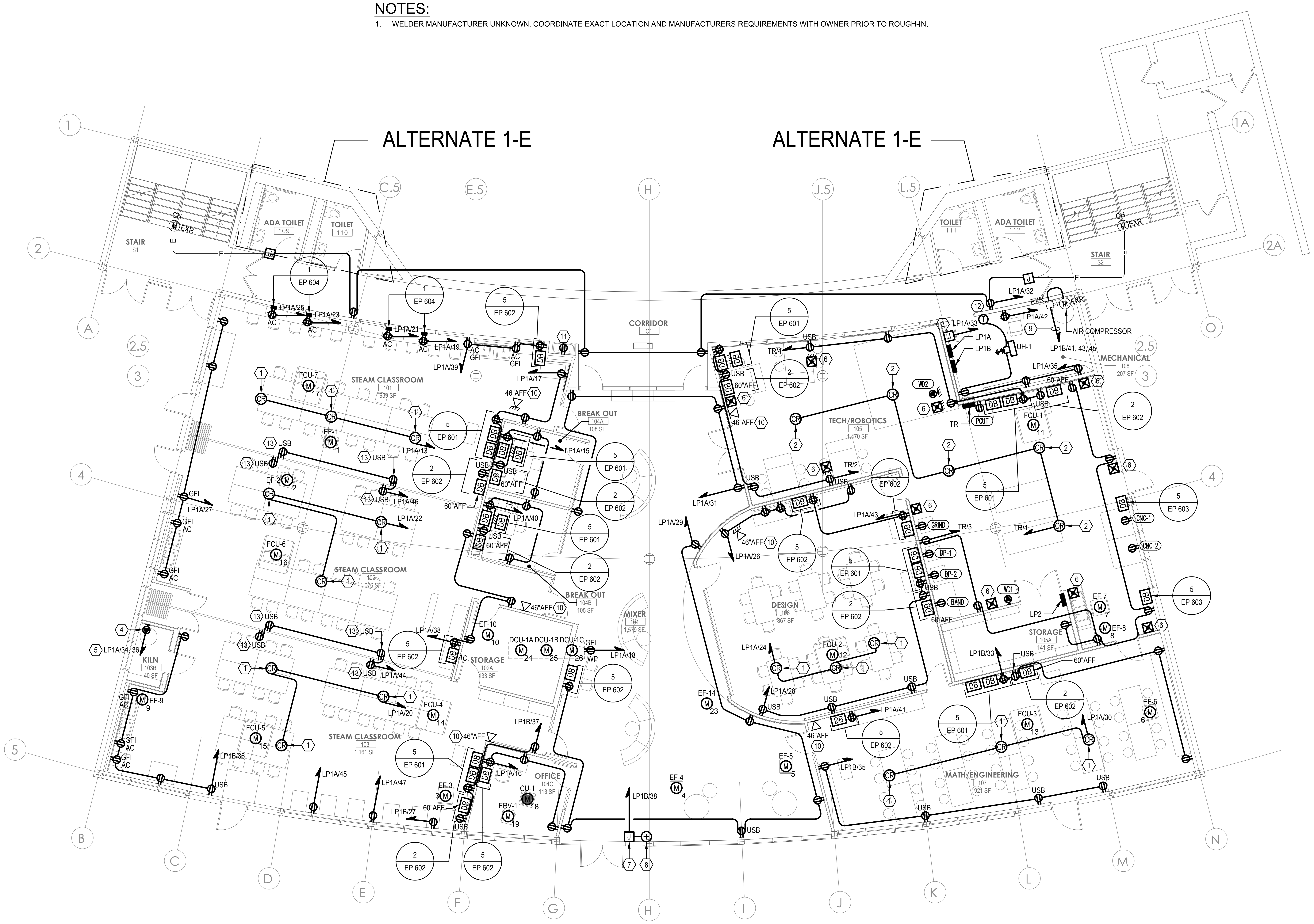
ELECTRIC EQUIPMENT SCHEDULE GENERAL NOTES:

A. COORDINATE FINAL LOCATION OF ALL EQUIPMENT WITH OWNER PRIOR TO INSTALL.

B. PROVIDE ALL RECEPTACLE TYPES AS INDICATED, COORDINATE FINAL EQUIPMENT AND CONNECTION TYPES WITH OWNER PRIOR TO INSTALL.

NOTES:

1. WELDER MANUFACTURER UNKNOWN. COORDINATE EXACT LOCATION AND MANUFACTURERS REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.

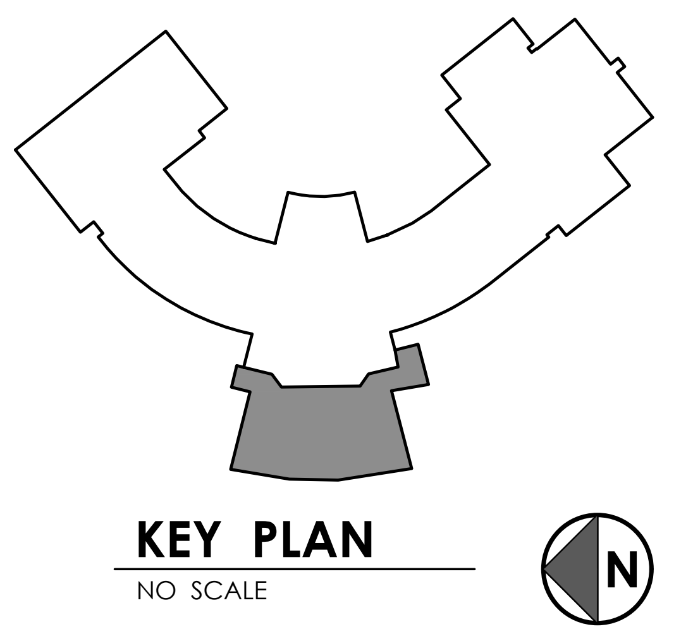


1 LOWER LEVEL PLAN

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

DRAWING NOTES:

1. PROVIDE CORD REEL (ACCESSIBLE CEILING). REFER TO DETAIL 1/EP 603 FOR ADDITIONAL INFORMATION.
2. PROVIDE CORD REEL (EXPOSED CEILING). REFER TO DETAIL 2/EP 603 FOR ADDITIONAL INFORMATION.
3. PROVIDE 120V BRANCH CIRCUIT FOR TEMPERATURE CONTROLS CONTRACTOR (TC). TC TO PROVIDE POWER FROM THIS LOCATION TO THEIR EQUIPMENT, COORDINATE FINAL LOCATION WITH TC.
4. PROVIDE NEMA 6-50P FOR KILN, PROVIDED BY GC. COORDINATE EXACT LOCATION AND CONNECTION TYPE WITH GC PRIOR TO ROUGH IN.
5. PROVIDE (2)-#6 AWG, (1)-#8 AWG EGC IN 1"C.
6. PROVIDE EMERGENCY SHUTDOWN STATION. REFER TO SHOP EMERGENCY SHUT-DOWN WIRING SCHEMATIC 3/EP 603 FOR ADDITIONAL INFORMATION.
7. PROVIDE 120V BRANCH CIRCUIT FOR DOOR HARDWARE POWER SUPPLY, PROVIDED BY GC. GC TO PROVIDE POWER FROM THIS LOCATION TO THEIR EQUIPMENT, COORDINATE FINAL LOCATION WITH GC. REFER TO DETAIL 2/EP 605 FOR ADDITIONAL WORK REQUIRED.
8. PROVIDE 120V BRANCH CIRCUIT CONNECTION TO ADA OPERATOR, PROVIDED BY GC. COORDINATE EXACT LOCATION WITH GC.
9. PROVIDE (3)-#12 AWG, (1)-#12 AWG EGC IN 3/4"C.
10. REFER TO WALL MOUNTED TELEPHONE DETAIL 3/EP 605 FOR ADDITIONAL INFORMATION.
11. ALTERNATE 1-E: PROVIDE DUPLEX RECEPTACLE WITH BRANCH CIRCUIT AND GFCI BRANCH CIRCUIT BREAKER. CONNECT TO PANELBOARD LP1A/37.
12. INSTALL LINE VOLTAGE THERMOSTAT, FURNISHED BY MC.
13. ALTERNATE 2-E: PROVIDE DUPLEX RECEPTACLES IN LIEU OF OPERABLE PARTITION WALLS NOT BEING ACCEPTED.



KEY PLAN

NO SCALE

MOSAIC ASSOCIATES

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

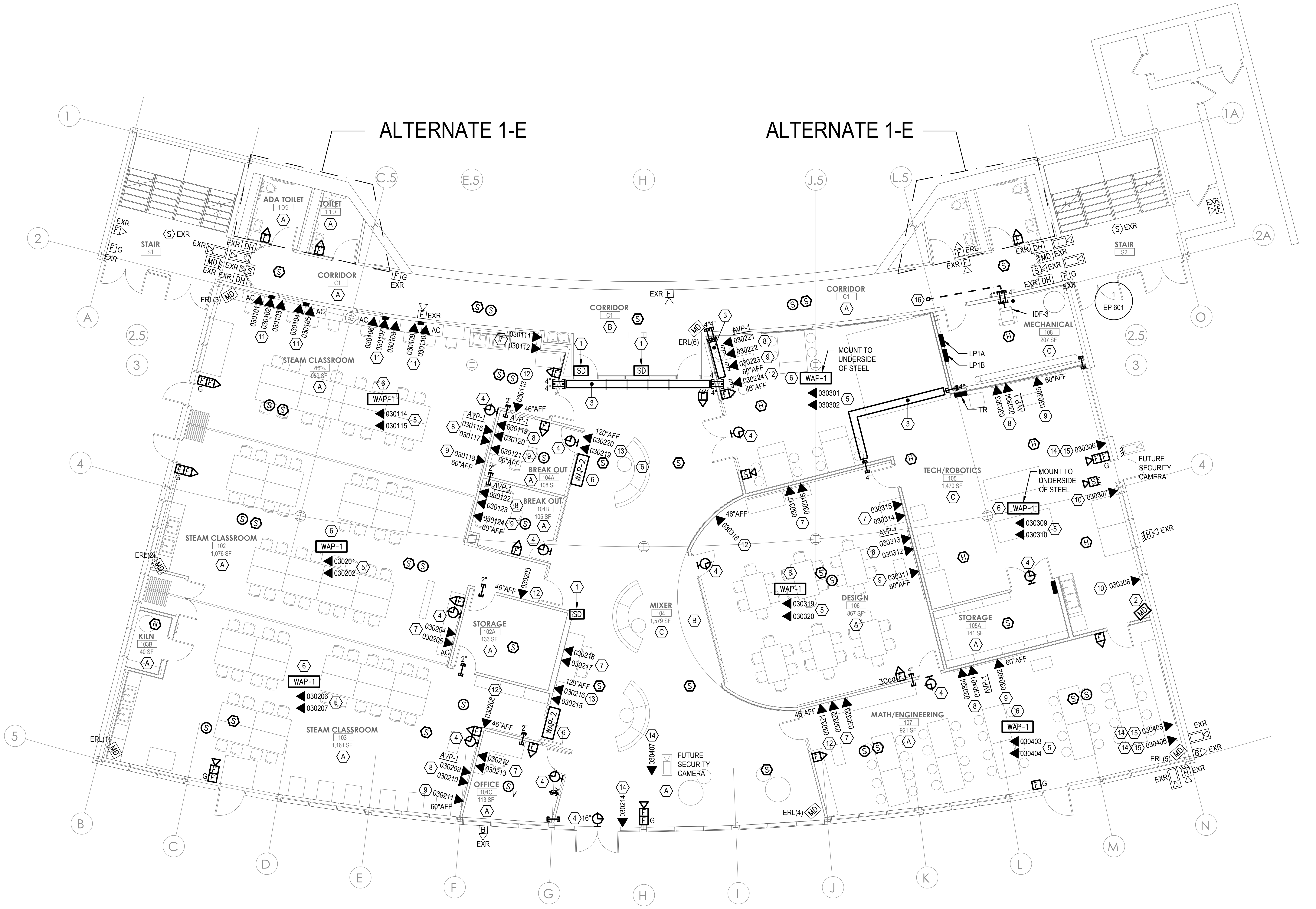
Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
LOWER LEVEL
POWER PLAN

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

Drawing Number :
EP 401



1 LOWER LEVEL PLAN

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

DRAWING NOTES:

1. PROVIDE 120V BRANCH CIRCUIT CONNECTION FOR SMOKE DAMPER, PROVIDED BY MC. REFER TO DETAIL 6/EP 602 FOR ADDITIONAL INFORMATION.
2. PROVIDE MOTION DETECTOR AND CABLING TO INTRUSION CONTROL PANEL LOCATED WITHIN BOILER ROOM 248. COORDINATE EXACT REQUIREMENTS WITH SECURITY PROVIDER - OPEN SYSTEMS METRO. CONTACT - GEORGE ALOIA (914) 241-0057.
3. PROVIDE 12"W x 4"D SOLID BOTTOM CABLE TRAY. PROVIDE BLACK FINISH.
4. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK.
5. PROVIDE (2) CAT 6A DATA DROPS IN WORK BOX ABOVE CEILING, WITH 106 ADAPTER & COVER PLATE. PROVIDE IDENTIFICATION ABOVE & BELOW CEILING. REFER TO DETAIL 3/EP 602 FOR ADDITIONAL INFORMATION.
6. INSTALL NEW CEILING OR WALL MOUNTED ACCESS POINT, FURNISHED TO THIS CONTRACTOR BY OTHERS. INSTALL NEW ATTACHMENT CABLE, FURNISHED BY OTHERS, TO CONNECT ACCESS POINT TO NETWORK.
7. PROVIDE CAT 6 DATA DROP(S) IN DATA BOX. REFER TO DETAIL 4/EP 601 FOR ADDITIONAL INFORMATION.
8. PROVIDE CAT 6 DATA DROP(S) & AVP-1 IN DATA BOX(ES). REFER TO DETAIL 6/EP 601 FOR ADDITIONAL INFORMATION.
9. PROVIDE (1) CAT 6 DATA DROP IN DATA BOX FOR LED BOARD. REFER TO DETAIL 4/EP 602 FOR ADDITIONAL INFORMATION.
10. PROVIDE (1) CAT 6A DATA DROP IN DATA BOX. REFER TO DETAIL 5/EP 603 FOR ADDITIONAL INFORMATION.
11. PROVIDE CAT 6 DATA DROP(S) IN VERTICAL V-4000 RACEWAY. REFER TO DETAIL 1/EP 604 FOR ADDITIONAL INFORMATION.
12. PROVIDE (1) CAT 6 DATA DROP IN DATA BOX FOR IP PHONE. REFER TO DETAIL 3/EP 605 FOR ADDITIONAL INFORMATION.
13. PROVIDE (2) CAT 6A DATA DROPS IN DATA BOX. REFER TO DETAIL 2/EP 604 FOR ADDITIONAL INFORMATION.
14. PROVIDE (1) CAT 6 DATA DROP IN WORK BOX ABOVE CEILING, WITH 106 ADAPTER & COVER PLATE. PROVIDE IDENTIFICATION ABOVE & BELOW CEILING. REFER TO DETAIL 3/EP 602 FOR ADDITIONAL INFORMATION.
15. PROVIDE SURGE PROTECTION DITEK MODEL DTKMRJPOE. PROVIDE GROUND WIRE TO BUILDING GROUND. REFER TO DETAIL 4/EP 605 FOR ADDITIONAL INFORMATION.
16. NEW 12MM/12SM FROM MDF ON UPPER FLOOR.

GENERAL NOTES:

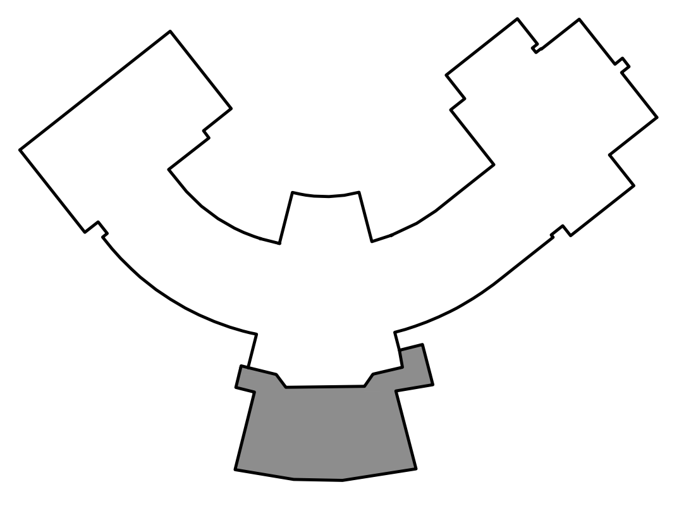
A. REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE ON DWG EP 002 FOR MECHANICAL EQUIPMENT REQUIRING FIRE ALARM FAN SHUTDOWN RELAYS.

CABLE SCHEDULE

CABLE TYPE	CABLE AND JACK COLOR	APPLICATION
CAT 6	BLUE	DATA AND VOIP
CAT 6	ORANGE	SECURITY/DOOR ACCESS
CAT 6A	GREEN	ALL WIRELESS ACCESS POINTS

CEILING SCHEDULE

DESIGNATION	DESCRIPTION
A	ACCESSIBLE CEILING
B	INACCESSIBLE CEILING
C	EXPOSED STRUCTURE
D	SPLINE CEILING



KEY PLAN

NO SCALE

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

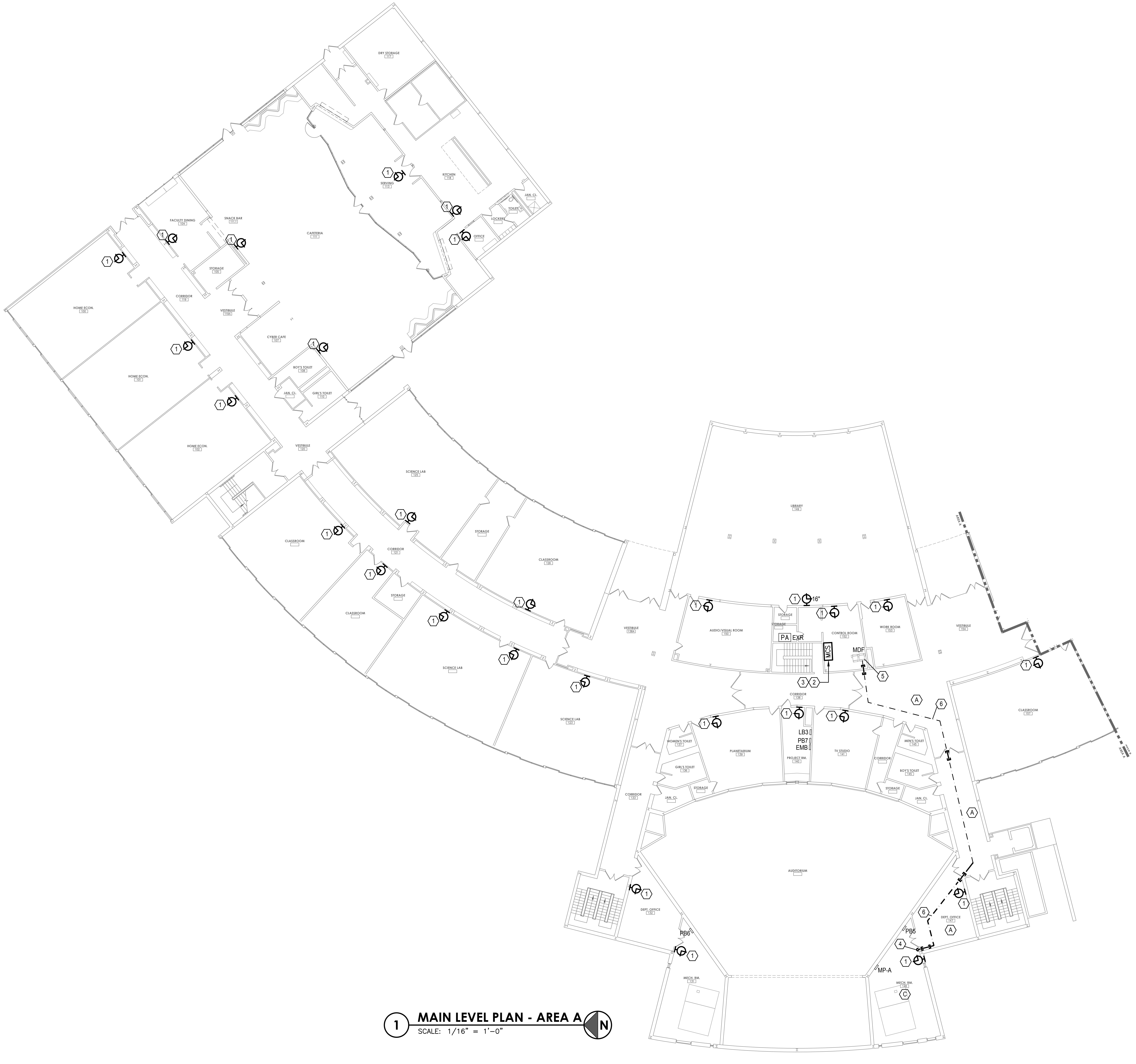
Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
LOWER LEVEL
SYSTEMS PLAN

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

Drawing Number :
EP
501

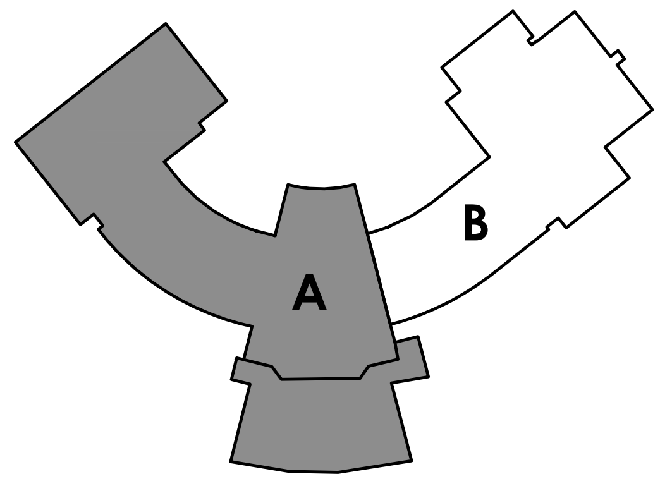


1 **MAIN LEVEL PLAN - AREA A**
SCALE: 1/16" = 1'-0"

DRAWING NOTES: ⬡

1. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK.
2. ALTERNATE 5-E: PROVIDE WIRELESS MASTER CLOCK SYSTEM.
3. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK TONE GENERATOR AND CONNECTION TO EXISTING PUBLIC ADDRESS SYSTEM FOR BELL SCHEDULE. PROVIDE CATEGORY 6 CABLE TO MDF AND TERMINATE ON EXISTING PATCH PANEL.
4. PROVIDE 4" SLEEVE FOR FIBER DOWN TO LOWER LEVEL CORRIDOR CEILING.
5. PROVIDE NEW 1u FIBER PATCH PANEL FOR 12 MM/12 SM IN EXISTING MDF.
6. PROVIDE NEW 12MM/12SM FIBER FROM MDF TO IDF-3.

CEILING SCHEDULE	
DESIGNATION	DESCRIPTION
A	ACCESSIBLE CEILING
B	INACCESSIBLE CEILING
C	EXPOSED STRUCTURE



KEY PLAN
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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
MAIN LEVEL
SYSTEMS PLAN - AREA A

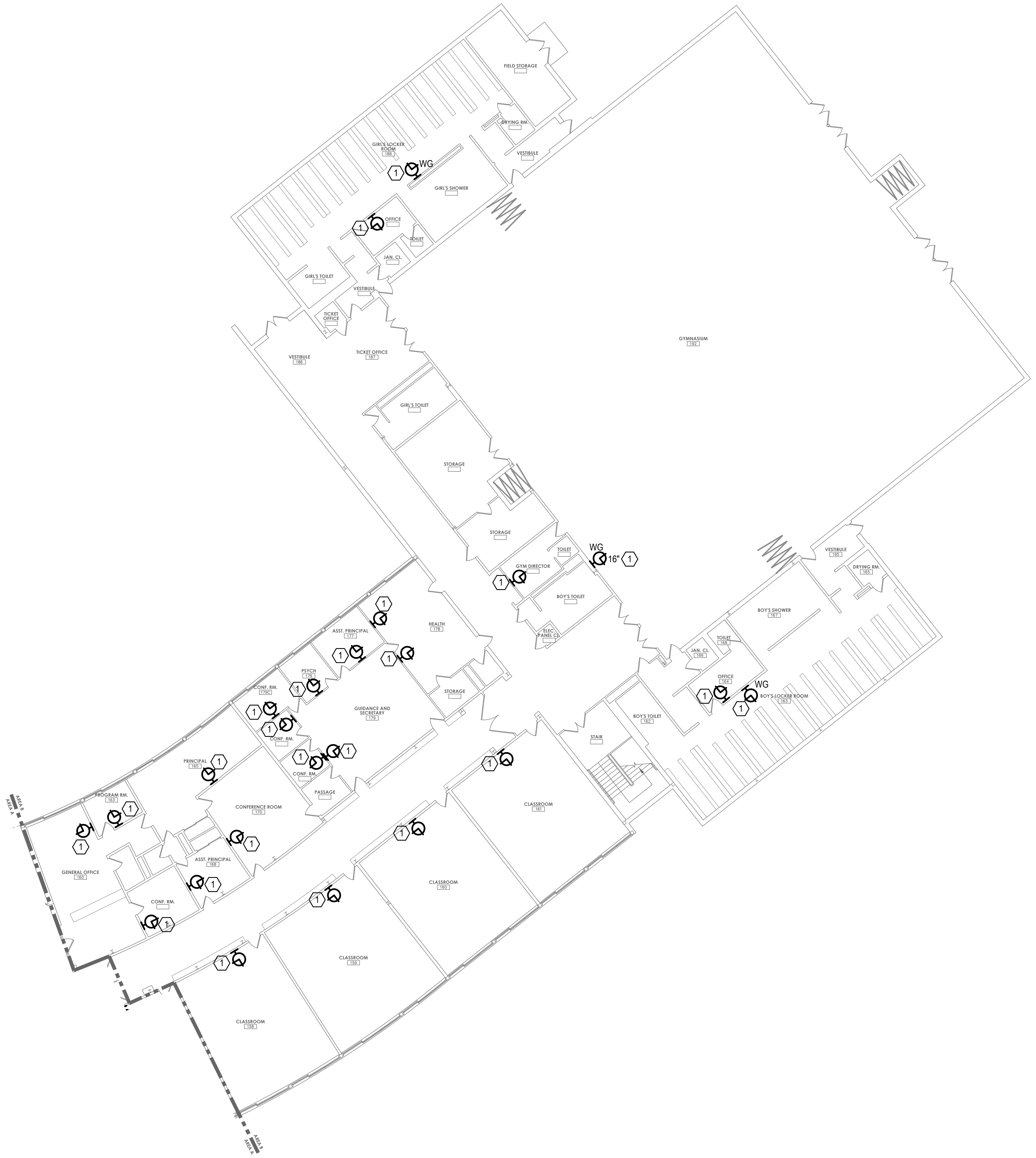
HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

Drawing Number :
EP
502

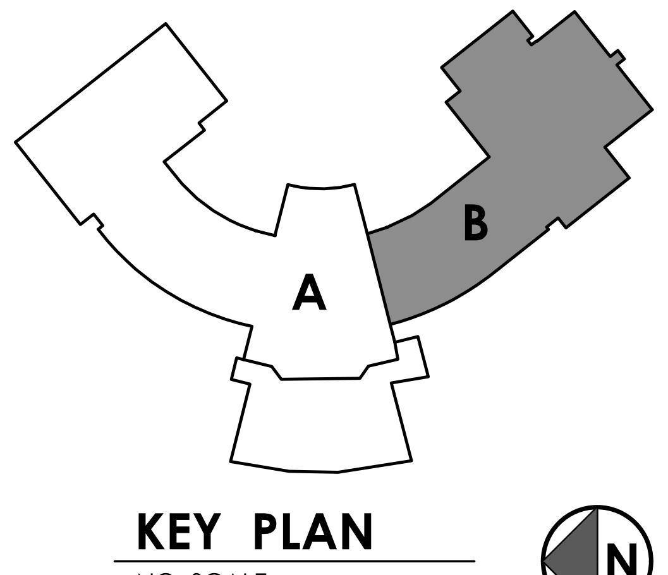
DRAWING NOTES: ⬡

1. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK.



① **MAIN LEVEL PLAN - AREA B** N

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



KEY PLAN N

NO SCALE

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :

ISSUED FOR BID
2/01/2021

Drawing Title :

MAIN LEVEL
SYSTEMS PLAN - AREA B

HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

Drawing Number :

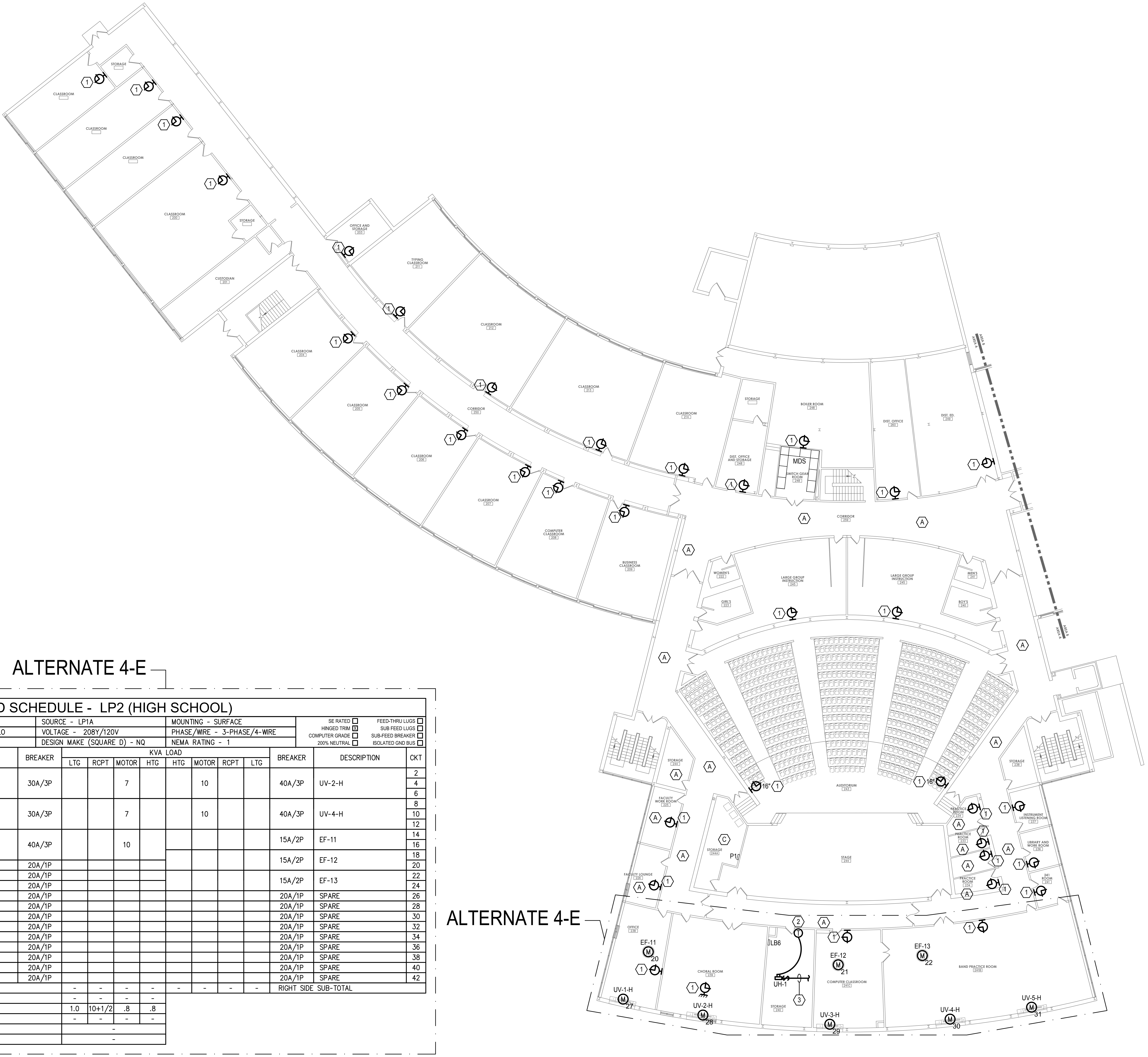
EP 503

DRAWING NOTES: ⬡

1. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK.
2. INSTALL LINE VOLTAGE THERMOSTAT, FURNISHED BY MC.
3. CONNECT TO NEAREST 120V UN-SWITCHED SOURCE.

CEILING SCHEDULE

DESIGNATION	DESCRIPTION
Ⓐ	ACCESSIBLE CEILING
Ⓑ	INACCESSIBLE CEILING
Ⓒ	EXPOSED STRUCTURE



ALTERNATE 4-E

ALTERNATE 4-E

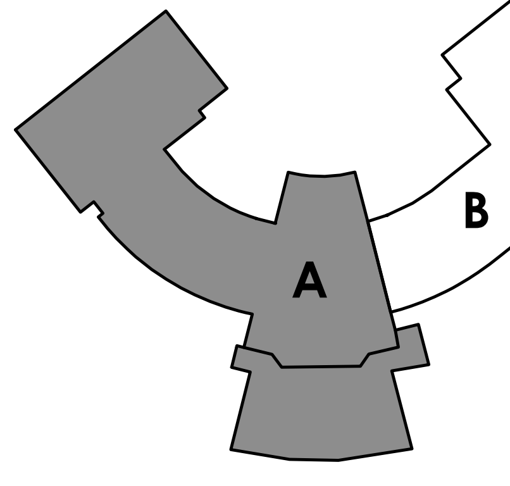
PANELBOARD SCHEDULE - LP2 (HIGH SCHOOL)

LOCATION - RM 105A	SOURCE - LP1A	MOUNTING - SURFACE	SE RATED ☐ FEED-THRU LUGS ☐
RATING (AMPS) - 225A MLO	VOLTAGE - 208Y/120V	PHASE/WIRE - 3-PHASE/4-WIRE	HINGED TRIM ☒ SUB FEED LUGS ☐ COMPUTER GRADE ☐ SUB-FEED BREAKER ☐
KAIC - 10	DESIGN MAKE (SQUARE D) - NQ	NEMA RATING - 1	200% NEUTRAL ☐ ISOLATED GND BUS ☐

CKT	DESCRIPTION	BREAKER	KVA LOAD								BREAKER	DESCRIPTION	CKT
			LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG			
1	UV-1-H	30A/3P			7			10			40A/3P	UV-2-H	2
3													4
5													6
7	UV-3-H	30A/3P			7			10			40A/3P	UV-4-H	8
9													10
11													12
13	UV-4-H	40A/3P			10						15A/2P	EF-11	14
15													16
17											15A/2P	EF-12	18
19	SPARE	20A/1P											20
21	SPARE	20A/1P									15A/2P	EF-13	22
23	SPARE	20A/1P											24
25	SPARE	20A/1P									20A/1P	SPARE	26
27	SPARE	20A/1P									20A/1P	SPARE	28
29	SPARE	20A/1P									20A/1P	SPARE	30
31	SPARE	20A/1P									20A/1P	SPARE	32
33	SPARE	20A/1P									20A/1P	SPARE	34
35	SPARE	20A/1P									20A/1P	SPARE	36
37	SPARE	20A/1P									20A/1P	SPARE	38
39	SPARE	20A/1P									20A/1P	SPARE	40
41	SPARE	20A/1P									20A/1P	SPARE	42
LEFT SIDE SUB-TOTAL			-	-	-	-	-	-	-	-	RIGHT SIDE SUB-TOTAL		
CONNECTED SUB-TOTAL			-	-	-	-							
DEMAND FACTOR			1.0	10+1/2	.8	.8							
SUB-TOTAL			-	-	-	-							
TOTAL KVA			-										
TOTAL AMPS			-										

① INTERMEDIATE LEVEL - AREA A Ⓝ

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



KEY PLAN

NO SCALE

Ⓝ

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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2/01/2021

Drawing Title :

INTERMEDIATE LEVEL
POWER & SYSTEMS
PLAN - AREA A
HIGH SCHOOL

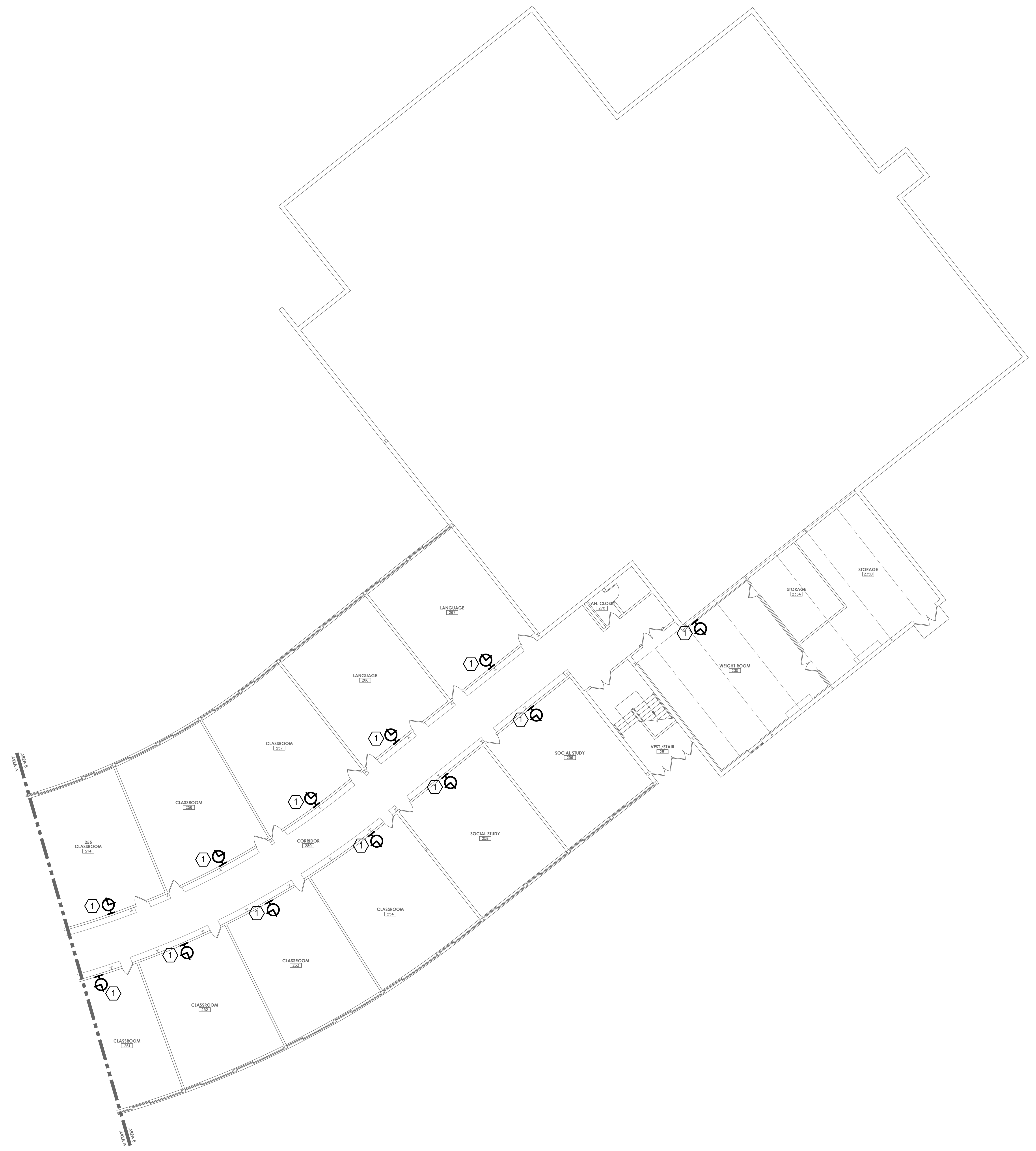
APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

Drawing Number :

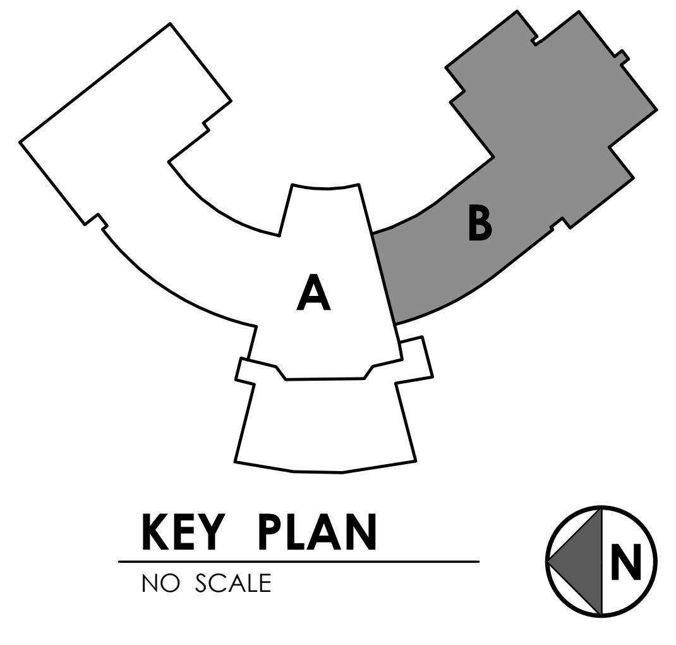
EP 504

DRAWING NOTES: ⬡

1. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK.



① **INTERMEDIATE LEVEL - AREA B**
SCALE: 1/16" = 1'-0"



KEY PLAN
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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
INTERMEDIATE LEVEL
SYSTEMS PLAN - AREA B

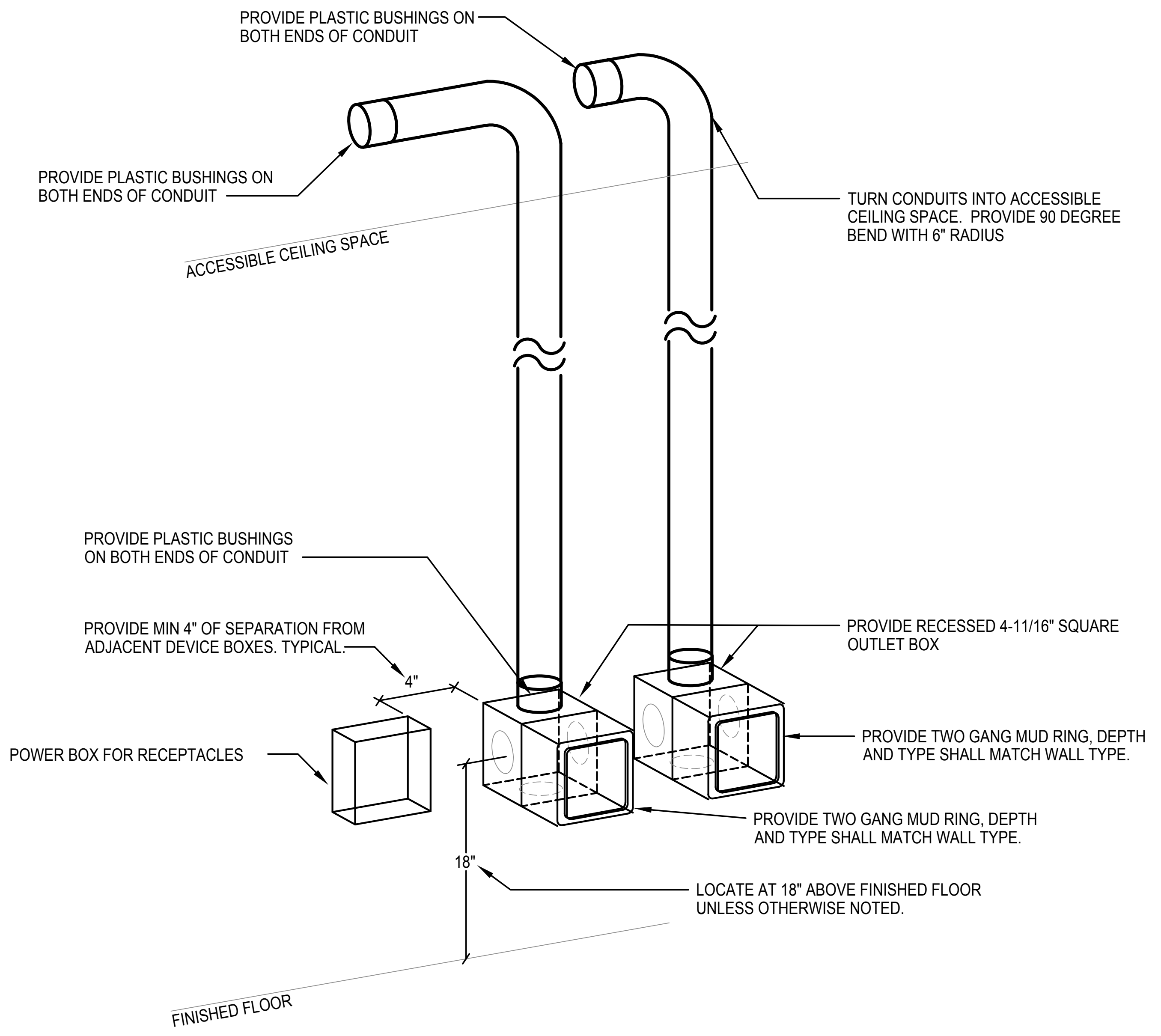
HIGH SCHOOL

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

Drawing Number :
EP 505

NOTES

1. REFER TO DETAIL 6/EP 601 FOR ADDITIONAL INFORMATION.


PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT
PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT
ACCESSIBLE CEILING SPACE
TURN CONDUITS INTO ACCESSIBLE CEILING SPACE. PROVIDE 90 DEGREE BEND WITH 6" RADIUS
PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT
PROVIDE MIN 4" OF SEPARATION FROM ADJACENT DEVICE BOXES. TYPICAL.
4"
PROVIDE RECESSED 4-11/16" SQUARE OUTLET BOX
POWER BOX FOR RECEPTACLES
PROVIDE TWO GANG MUD RING, DEPTH AND TYPE SHALL MATCH WALL TYPE.
PROVIDE TWO GANG MUD RING, DEPTH AND TYPE SHALL MATCH WALL TYPE.
18"
LOCATE AT 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
FINISHED FLOOR

5 TEACHERS STATION NEW WALL CONSTRUCTION DETAIL

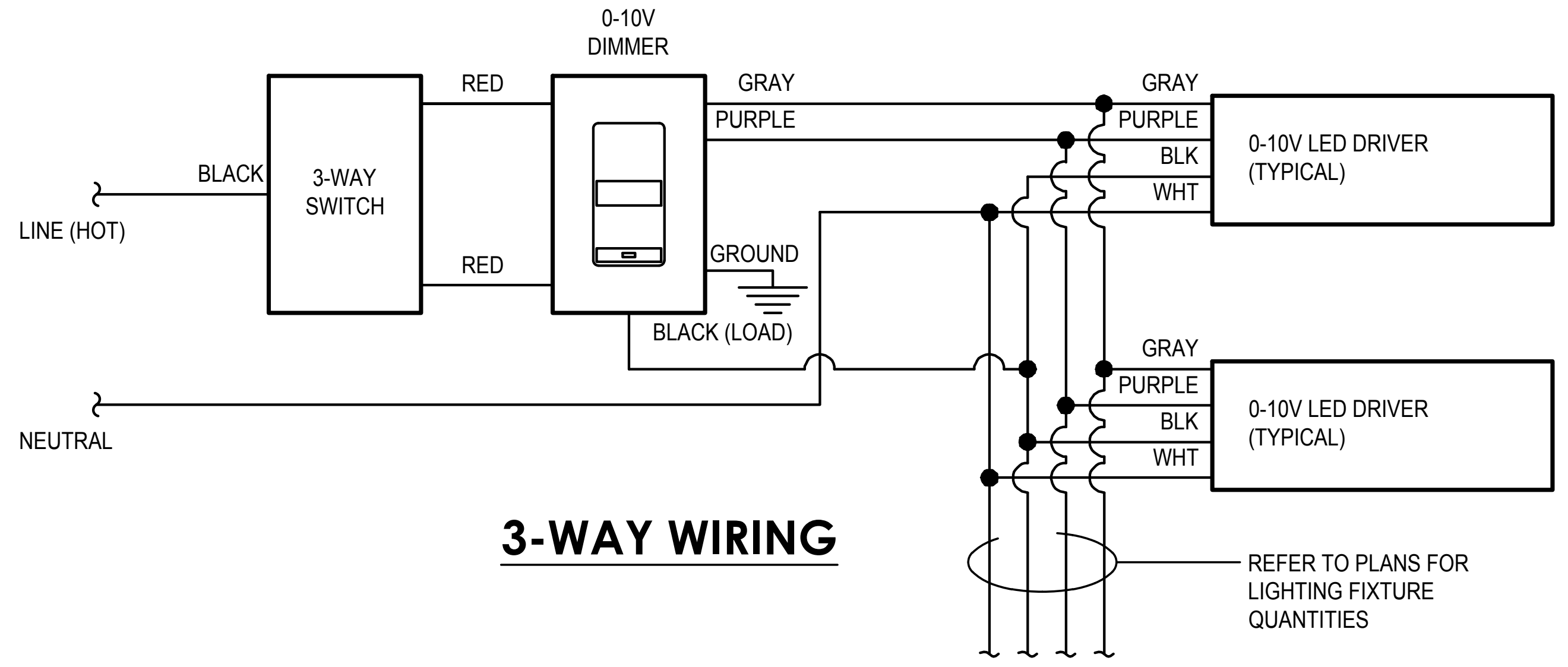
SCALE: NTS

NOTES:

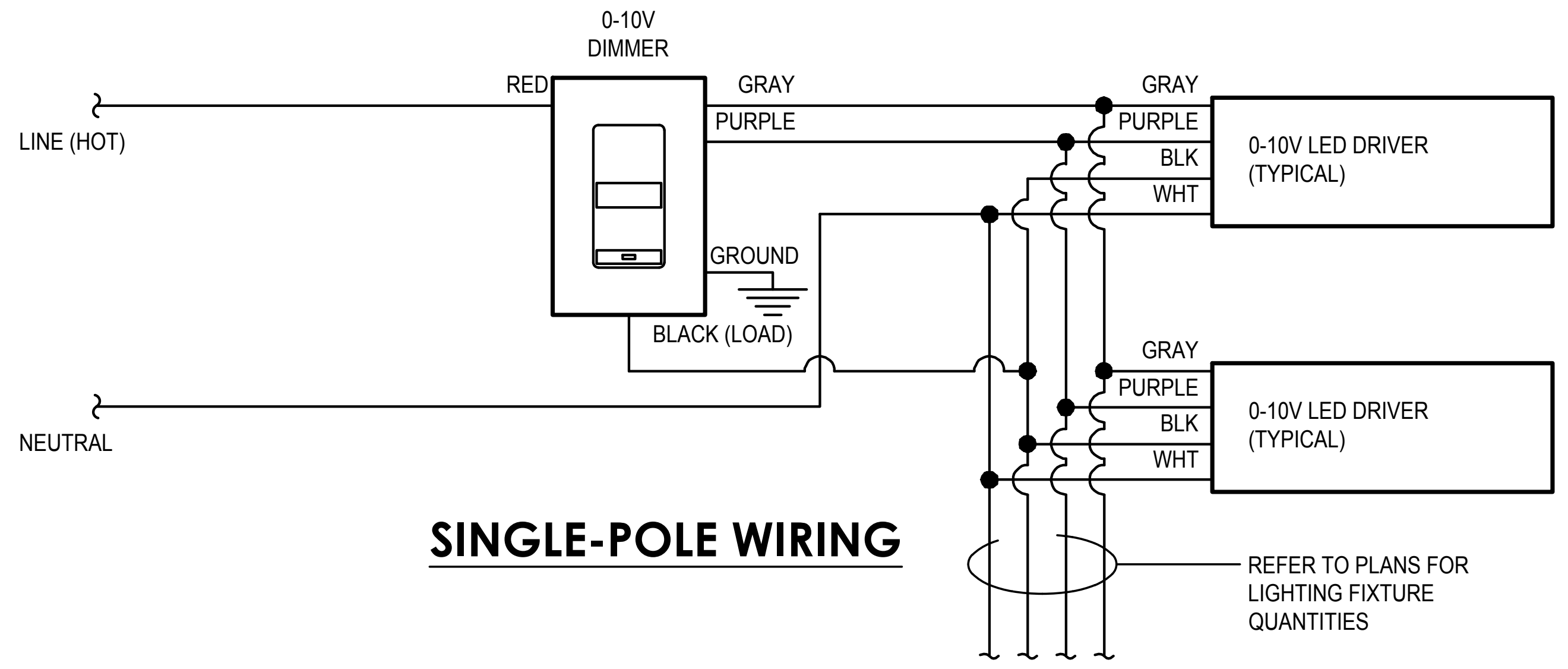
A. REFER TO PLANS FOR EXACT QUANTITIES OF DIMMERS AND SWITCH CONTROL.

B. COORDINATE EXACT BACKBOX SIZES WITH MANUFACTURERS MULTI GANG INSTALLATION REQUIREMENTS PRIOR TO ROUGH IN.

C. REFER TO LIGHTING FIXTURE SCHEDULE AND PROVIDE 0-10V LINE VOLTAGE DIMMER FOR LOADS LESS THAN 10A/120V AND 5A/277V. DESIGN MAKE: LEGRAND PASS & SEYMOUR CD4FBL (SINGLE POLE) AND CD4FBL3P (3-WAY).



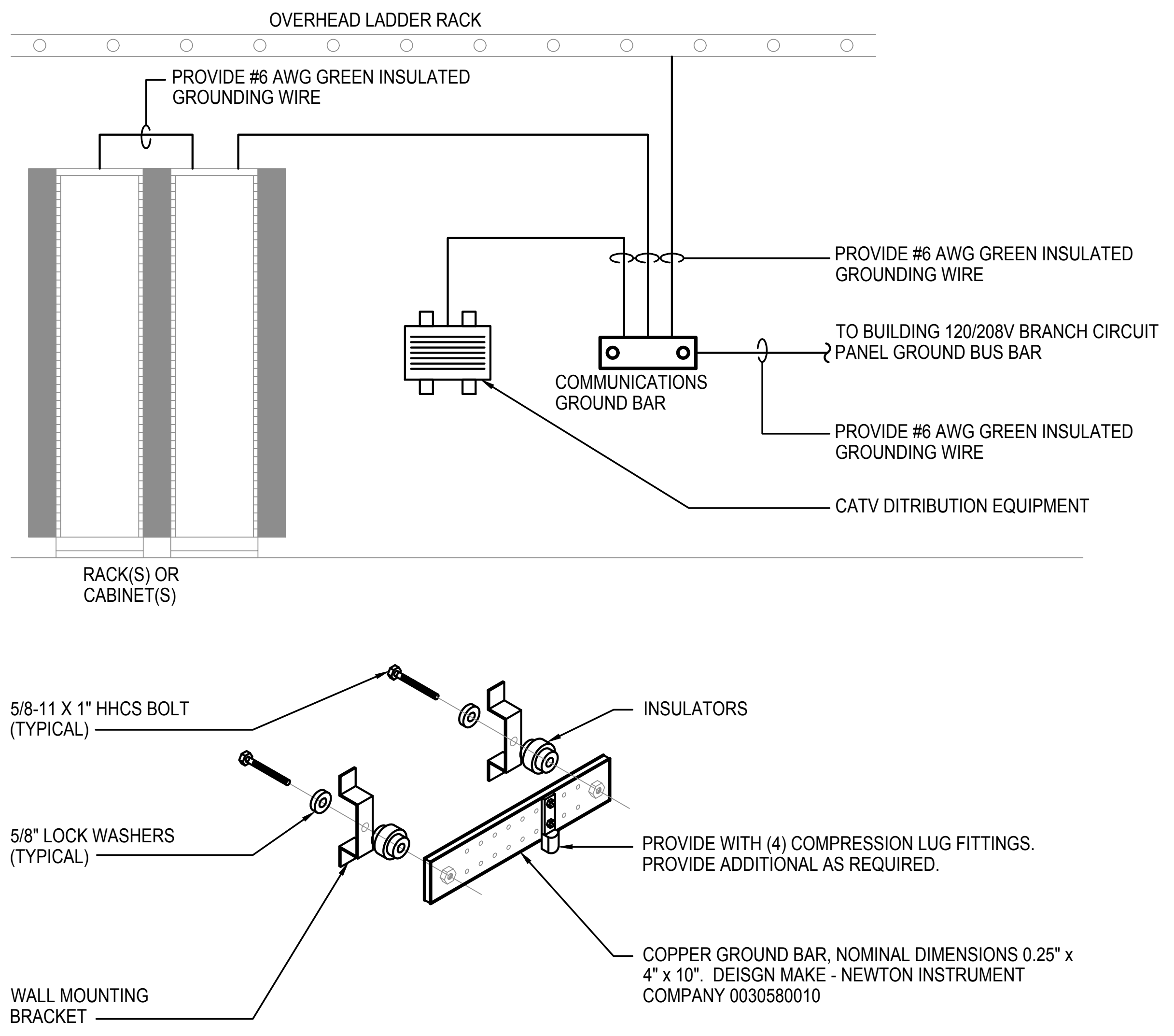
3-WAY WIRING


0-10V DIMMER
RED
GRAY
PURPLE
GRAY
PURPLE
BLK
WHT
0-10V LED DRIVER (TYPICAL)
LINE (HOT)
GROUND
BLACK (LOAD)
GRAY
PURPLE
BLK
WHT
0-10V LED DRIVER (TYPICAL)
NEUTRAL
REFER TO PLANS FOR LIGHTING FIXTURE QUANTITIES

SINGLE-POLE WIRING

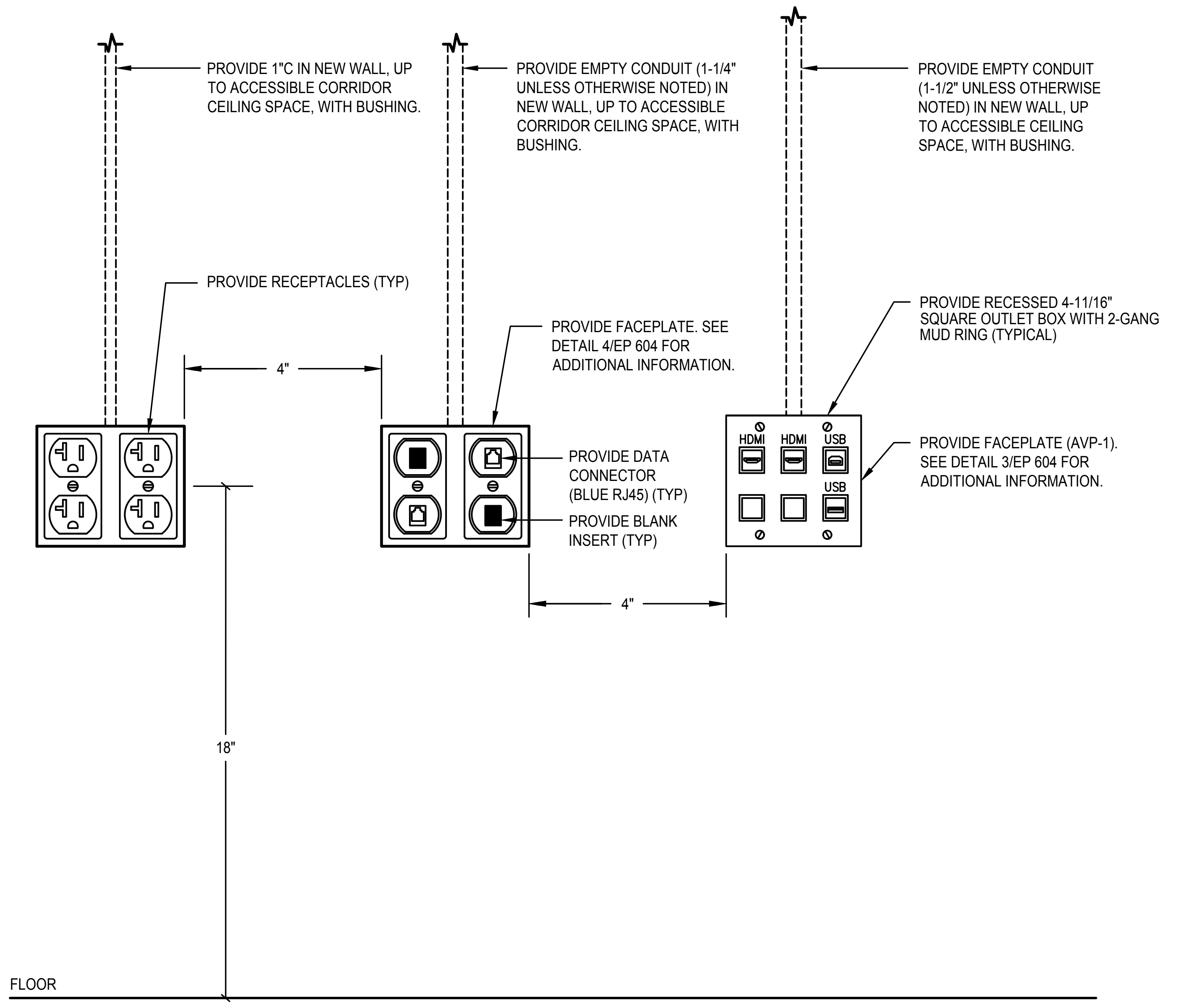
3 0-10V LINE VOLTAGE DIMMING WIRING SCHEMATIC

SCALE: NTS


OVERHEAD LADDER RACK
PROVIDE #6 AWG GREEN INSULATED GROUNDING WIRE
PROVIDE #6 AWG GREEN INSULATED GROUNDING WIRE
TO BUILDING 120/208V BRANCH CIRCUIT PANEL GROUND BUS BAR
COMMUNICATIONS GROUND BAR
PROVIDE #6 AWG GREEN INSULATED GROUNDING WIRE
CATV DITRIBUTION EQUIPMENT
RACK(S) OR CABINET(S)
5/8-11 X 1" HHCS BOLT (TYPICAL)
INSULATORS
5/8" LOCK WASHERS (TYPICAL)
PROVIDE WITH (4) COMPRESSION LUG FITTINGS. PROVIDE ADDITIONAL AS REQUIRED.
COPPER GROUND BAR, NOMINAL DIMENSIONS 0.25" x 4" x 10". DEISGN MAKE - NEWTON INSTRUMENT COMPANY 0030580010
WALL MOUNTING BRACKET

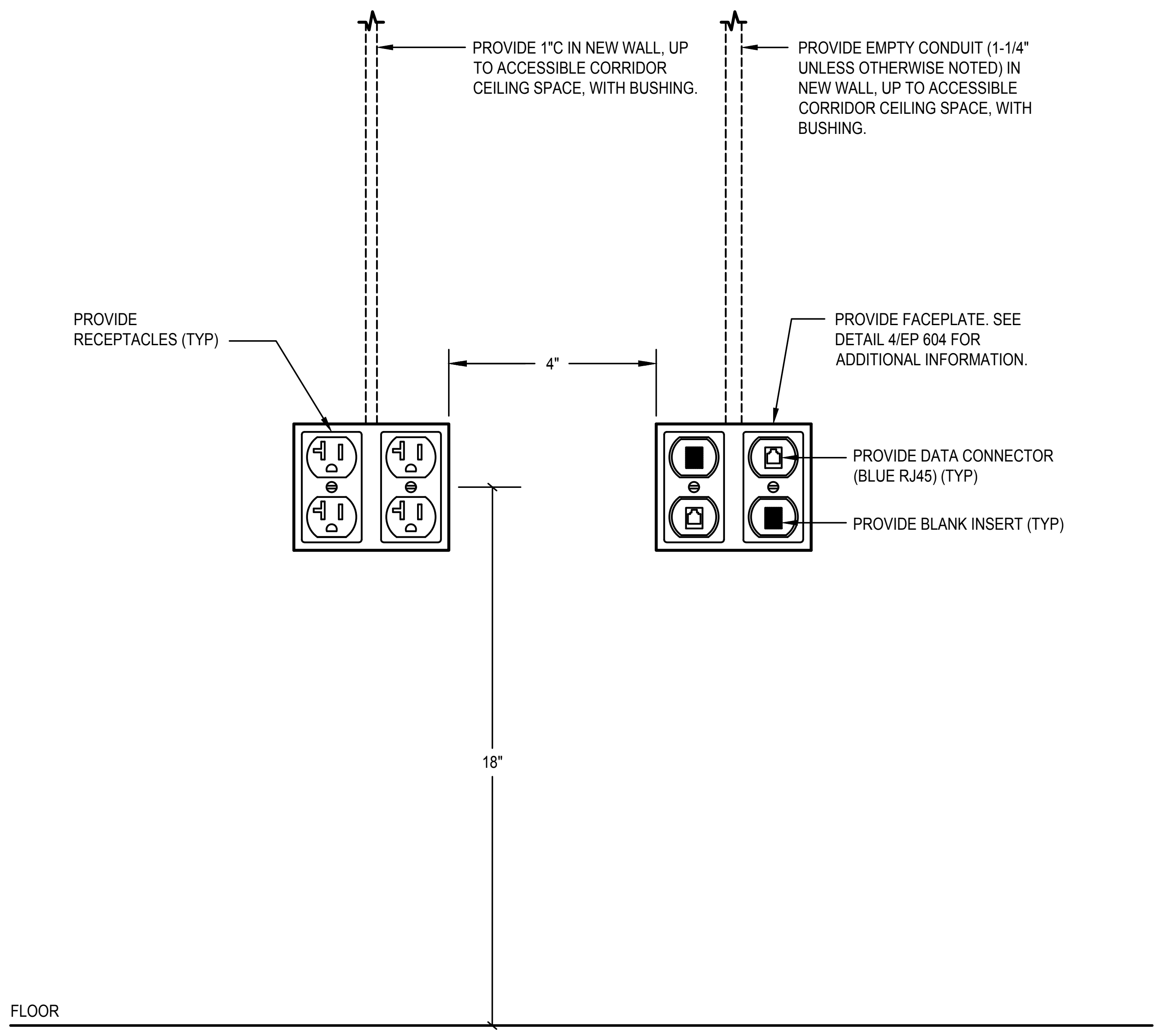
1 TELECOM GROUND BUS DETAIL

SCALE: NTS


PROVIDE 1"C IN NEW WALL, UP TO ACCESSIBLE CORRIDOR CEILING SPACE, WITH BUSHING.
PROVIDE EMPTY CONDUIT (1-1/4" UNLESS OTHERWISE NOTED) IN NEW WALL, UP TO ACCESSIBLE CORRIDOR CEILING SPACE, WITH BUSHING.
PROVIDE EMPTY CONDUIT (1-1/2" UNLESS OTHERWISE NOTED) IN NEW WALL, UP TO ACCESSIBLE CEILING SPACE, WITH BUSHING.
PROVIDE RECEPTACLES (TYP)
PROVIDE FACEPLATE. SEE DETAIL 4/EP 604 FOR ADDITIONAL INFORMATION.
PROVIDE RECESSED 4-11/16" SQUARE OUTLET BOX WITH 2-GANG MUD RING (TYPICAL)
4"
HDMI
HDMI
USB
USB
PROVIDE DATA CONNECTOR (BLUE RJ45) (TYP)
PROVIDE BLANK INSERT (TYP)
PROVIDE FACEPLATE (AVP-1). SEE DETAIL 3/EP 604 FOR ADDITIONAL INFORMATION.
4"
18"
FLOOR

6 TEACHERS STATION NEW WALL CONSTRUCTION DETAIL

SCALE: NTS


PROVIDE 1"C IN NEW WALL, UP TO ACCESSIBLE CORRIDOR CEILING SPACE, WITH BUSHING.
PROVIDE EMPTY CONDUIT (1-1/4" UNLESS OTHERWISE NOTED) IN NEW WALL, UP TO ACCESSIBLE CORRIDOR CEILING SPACE, WITH BUSHING.
PROVIDE RECEPTACLES (TYP)
4"
PROVIDE FACEPLATE. SEE DETAIL 4/EP 604 FOR ADDITIONAL INFORMATION.
PROVIDE DATA CONNECTOR (BLUE RJ45) (TYP)
PROVIDE BLANK INSERT (TYP)
18"
FLOOR

4 POWER & DATA NEW WALL CONSTRUCTION DETAIL

SCALE: NTS

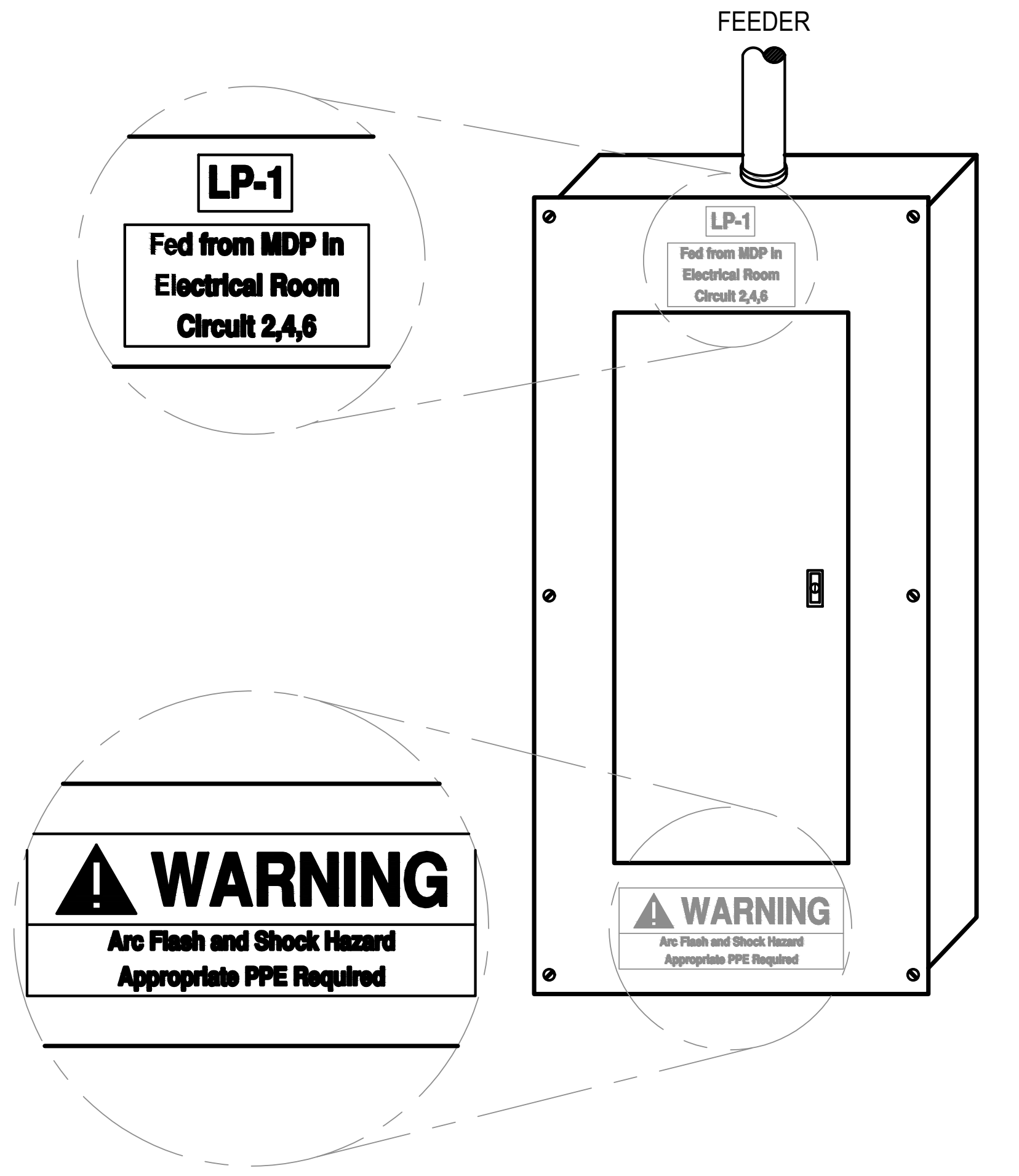
NOTES

A. PANELBOARDS SUPPLIED BY A FEEDER SHALL BE MARKED TO INDICATE WHERE THE POWER SUPPLY ORIGINATES PER NEC SECTION 408.4(B).

B. PROVIDE FLASH PROTECTION LABEL PER NEC SECTION 110.16.

C. REFER TO ELECTRICAL IDENTIFICATION SECTION 260195 FOR ADDITIONAL INFORMATION.

D. PROVIDE IDENTIFICATION FOR ALL PANELBOARD INSTALLATIONS.


FEEDER
LP-1
Fed from MDP in Electrical Room Circuit 2,4,6
LP-1
Fed from MDP in Electrical Room Circuit 2,4,6
WARNING
Arc Flash and Shock Hazard Appropriate PPE Required
WARNING
Arc Flash and Shock Hazard Appropriate PPE Required

2 PANELBOARD IDENTIFICATION DETAIL

SCALE: NTS

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Electrical
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ES # 19072

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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2/01/2021

Drawing Title :
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APN : 1901.2
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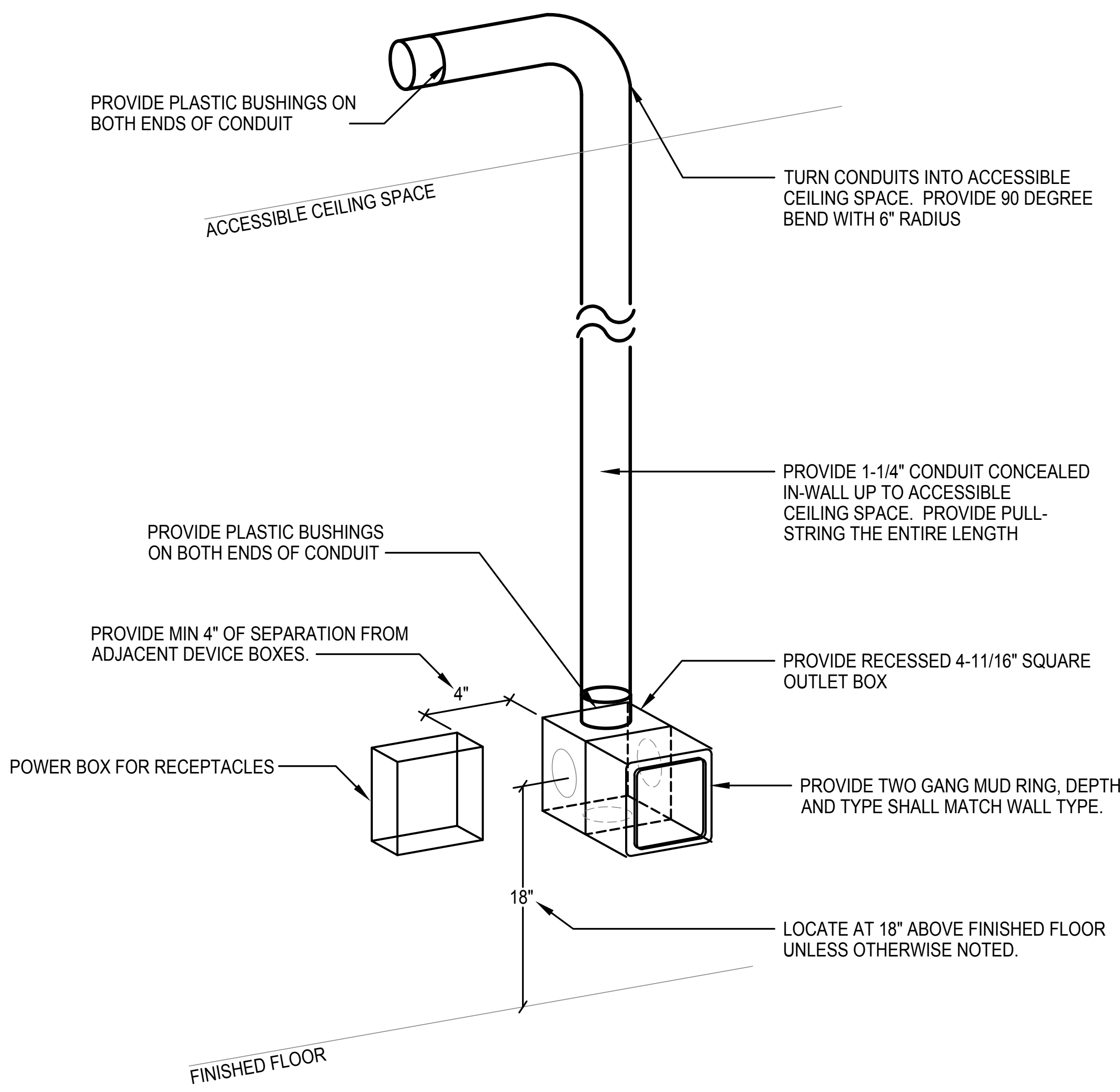
Drawn by : SDK

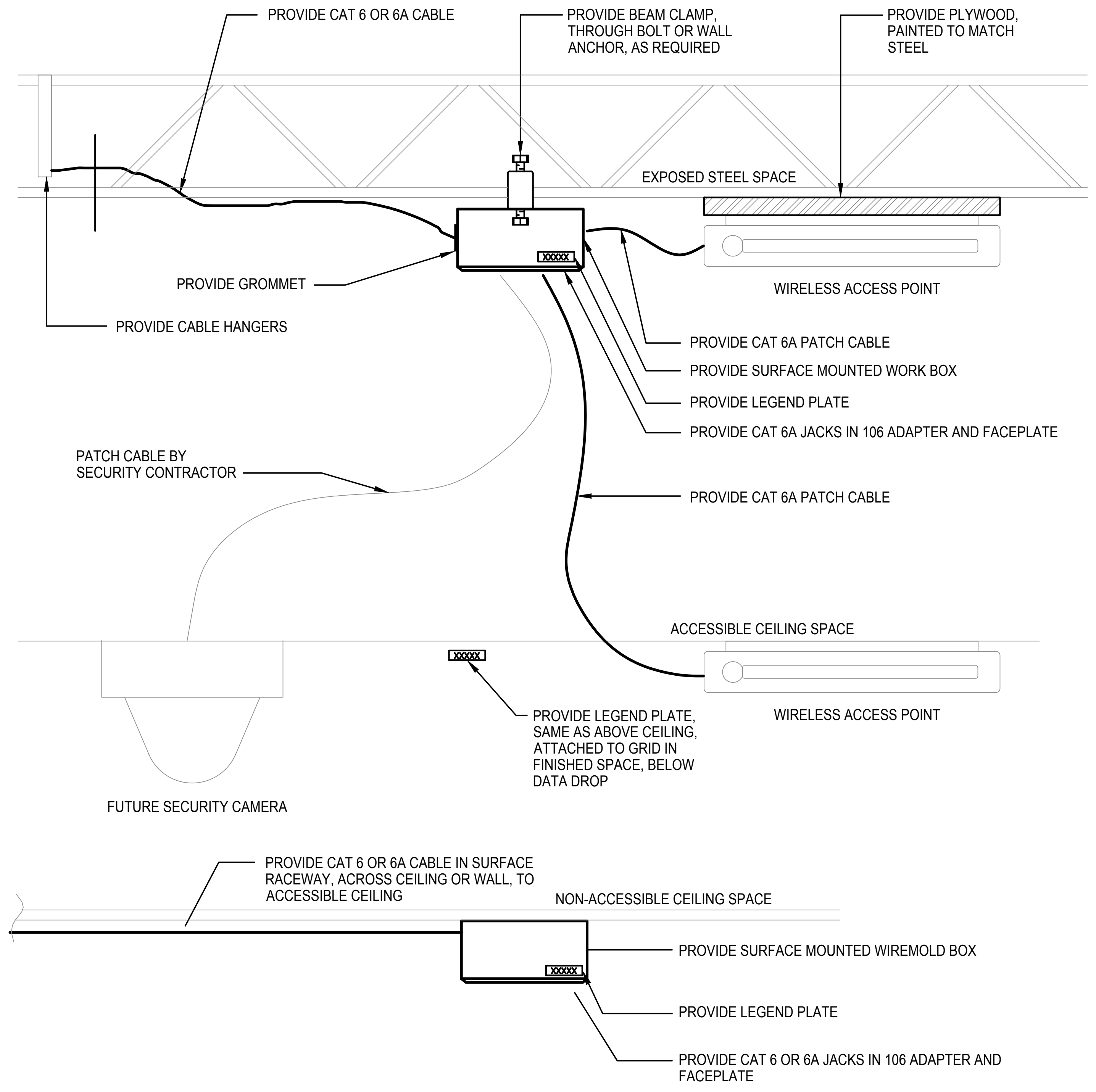
Drawing Number :
EP 601

NOTES

1. REFER TO DETAIL 4/EP 601 FOR ADDITIONAL INFORMATION.


PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT
ACCESSIBLE CEILING SPACE
TURN CONDUITS INTO ACCESSIBLE CEILING SPACE. PROVIDE 90 DEGREE BEND WITH 6" RADIUS
PROVIDE 1-1/4" CONDUIT CONCEALED IN-WALL UP TO ACCESSIBLE CEILING SPACE. PROVIDE PULL-STRING THE ENTIRE LENGTH
PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT
PROVIDE MIN 4" OF SEPARATION FROM ADJACENT DEVICE BOXES.
4"
PROVIDE RECESSED 4-11/16" SQUARE OUTLET BOX
POWER BOX FOR RECEPTACLES
PROVIDE TWO GANG MUD RING, DEPTH AND TYPE SHALL MATCH WALL TYPE.
18"
LOCATE AT 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
FINISHED FLOOR

5 **COMMUNICATION DATA BOX DETAIL (DB)**
SCALE: NTS

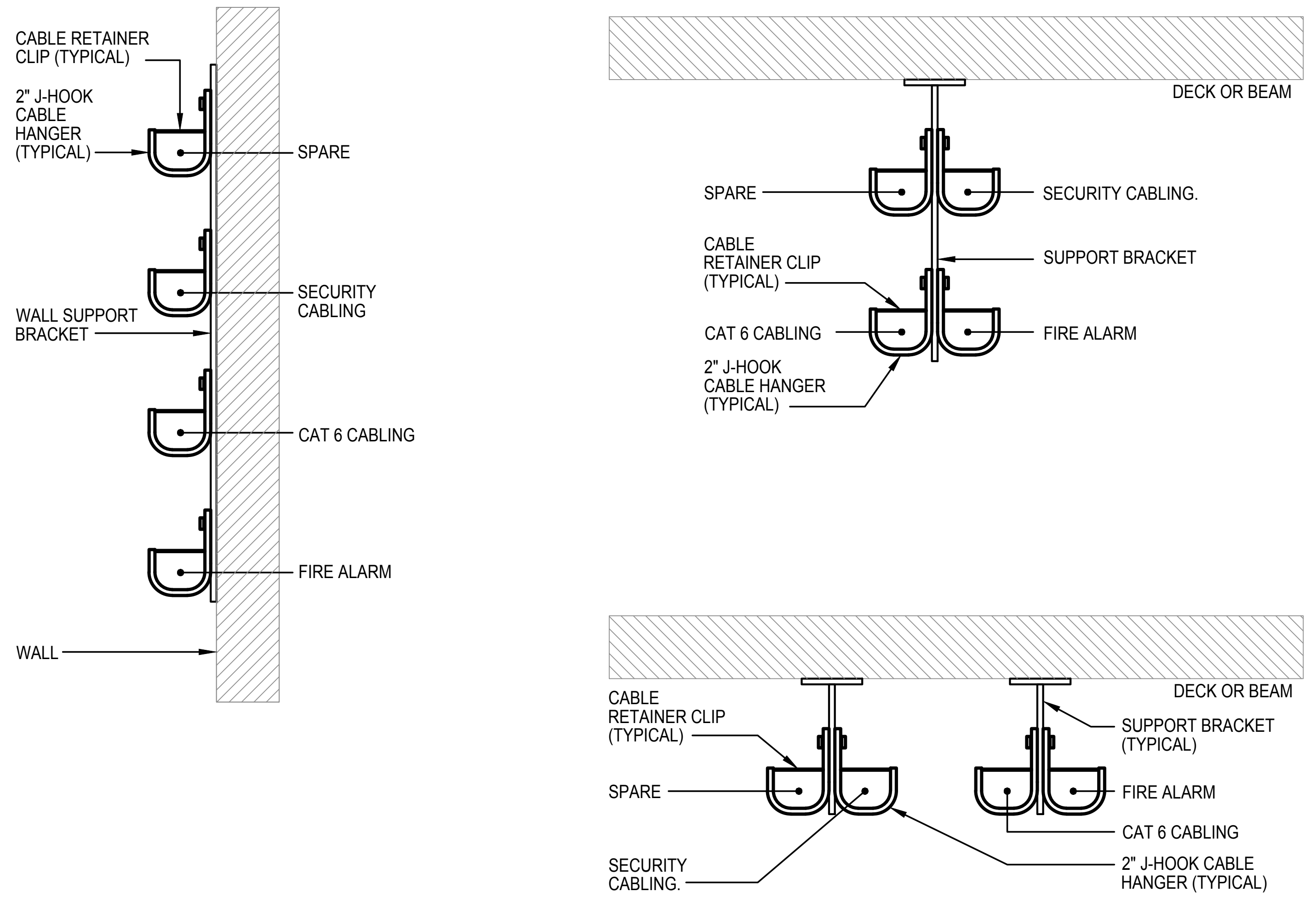

PROVIDE CAT 6 OR 6A CABLE
PROVIDE BEAM CLAMP, THROUGH BOLT OR WALL ANCHOR, AS REQUIRED
PROVIDE PLYWOOD, PAINTED TO MATCH STEEL
EXPOSED STEEL SPACE
PROVIDE GROMMET
WIRELESS ACCESS POINT
PROVIDE CABLE HANGERS
PROVIDE CAT 6A PATCH CABLE
PROVIDE SURFACE MOUNTED WORK BOX
PROVIDE LEGEND PLATE
PROVIDE CAT 6A JACKS IN 106 ADAPTER AND FACEPLATE
PATCH CABLE BY SECURITY CONTRACTOR
PROVIDE CAT 6A PATCH CABLE
ACCESSIBLE CEILING SPACE
XXXXX
PROVIDE LEGEND PLATE, SAME AS ABOVE CEILING, ATTACHED TO GRID IN FINISHED SPACE, BELOW DATA DROP
WIRELESS ACCESS POINT
FUTURE SECURITY CAMERA
PROVIDE CAT 6 OR 6A CABLE IN SURFACE RACEWAY, ACROSS CEILING OR WALL, TO ACCESSIBLE CEILING
NON-ACCESSIBLE CEILING SPACE
PROVIDE SURFACE MOUNTED WIREMOLD BOX
PROVIDE LEGEND PLATE
PROVIDE CAT 6 OR 6A JACKS IN 106 ADAPTER AND FACEPLATE

3 **CEILING MOUNTED DATA DROP DETAIL**
SCALE : NONE

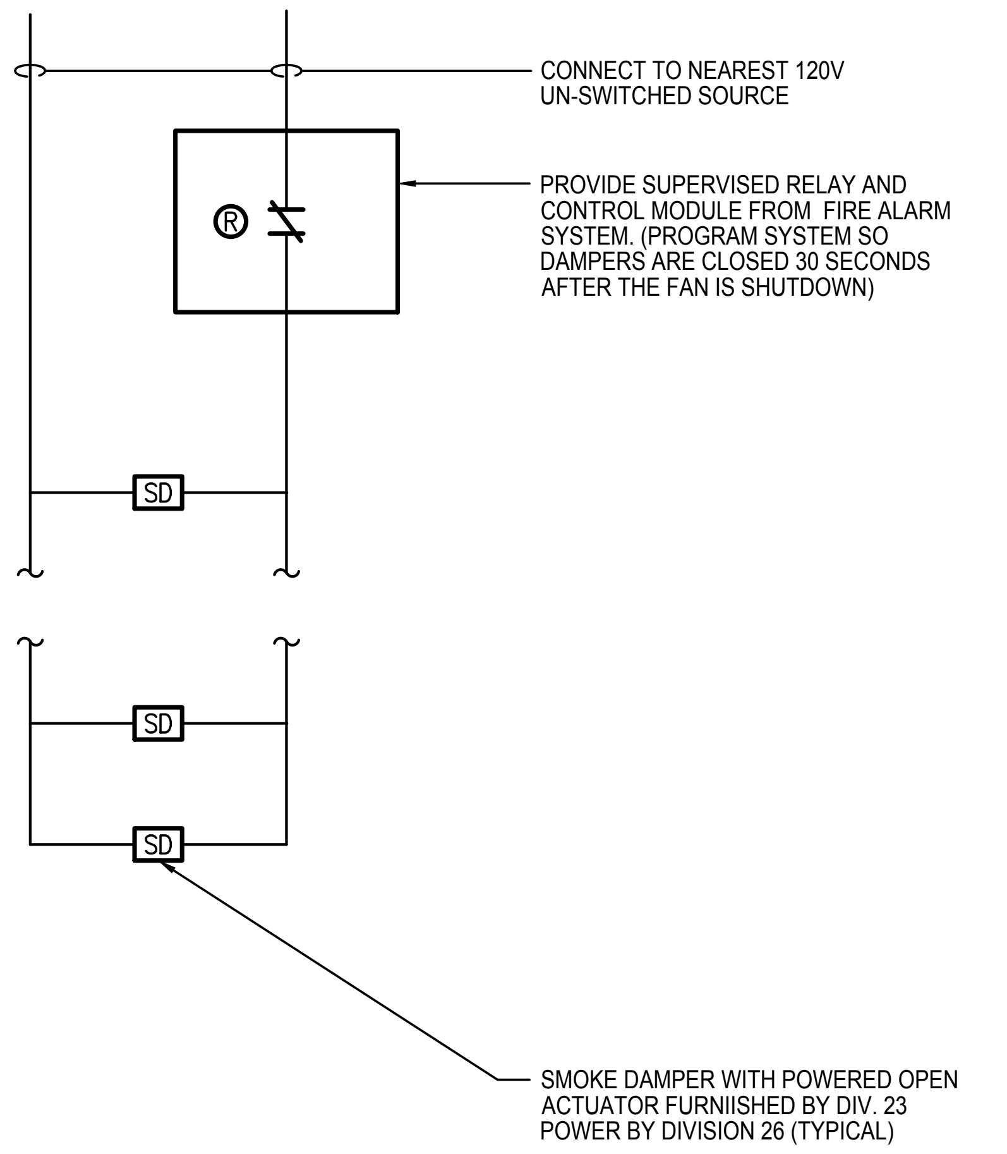
NOTES

A. PROVIDE HANGERS IN THE CONFIGURATIONS OR COMBINATIONS OF CONFIGURATIONS SHOWN AS REQUIRED TO SUIT FIELD CONDITIONS.

B. SECURELY SUPPORT J-HOOKS FROM WALL OR DECK. PROVIDE MASONRY ANCHORS, UNISTRUT SUPPORTS, BEAM CLAMPS, AND MISC. FASTENERS AS REQUIRED.


CABLE RETAINER CLIP (TYPICAL)
2" J-HOOK CABLE HANGER (TYPICAL)
SPARE
WALL SUPPORT BRACKET
SECURITY CABLING
CAT 6 CABLING
FIRE ALARM
WALL
DECK OR BEAM
SPARE
SECURITY CABLING.
CABLE RETAINER CLIP (TYPICAL)
SUPPORT BRACKET
CAT 6 CABLING
FIRE ALARM
2" J-HOOK CABLE HANGER (TYPICAL)
DECK OR BEAM
CABLE RETAINER CLIP (TYPICAL)
SUPPORT BRACKET (TYPICAL)
SPARE
FIRE ALARM
CAT 6 CABLING
SECURITY CABLING.
2" J-HOOK CABLE HANGER (TYPICAL)

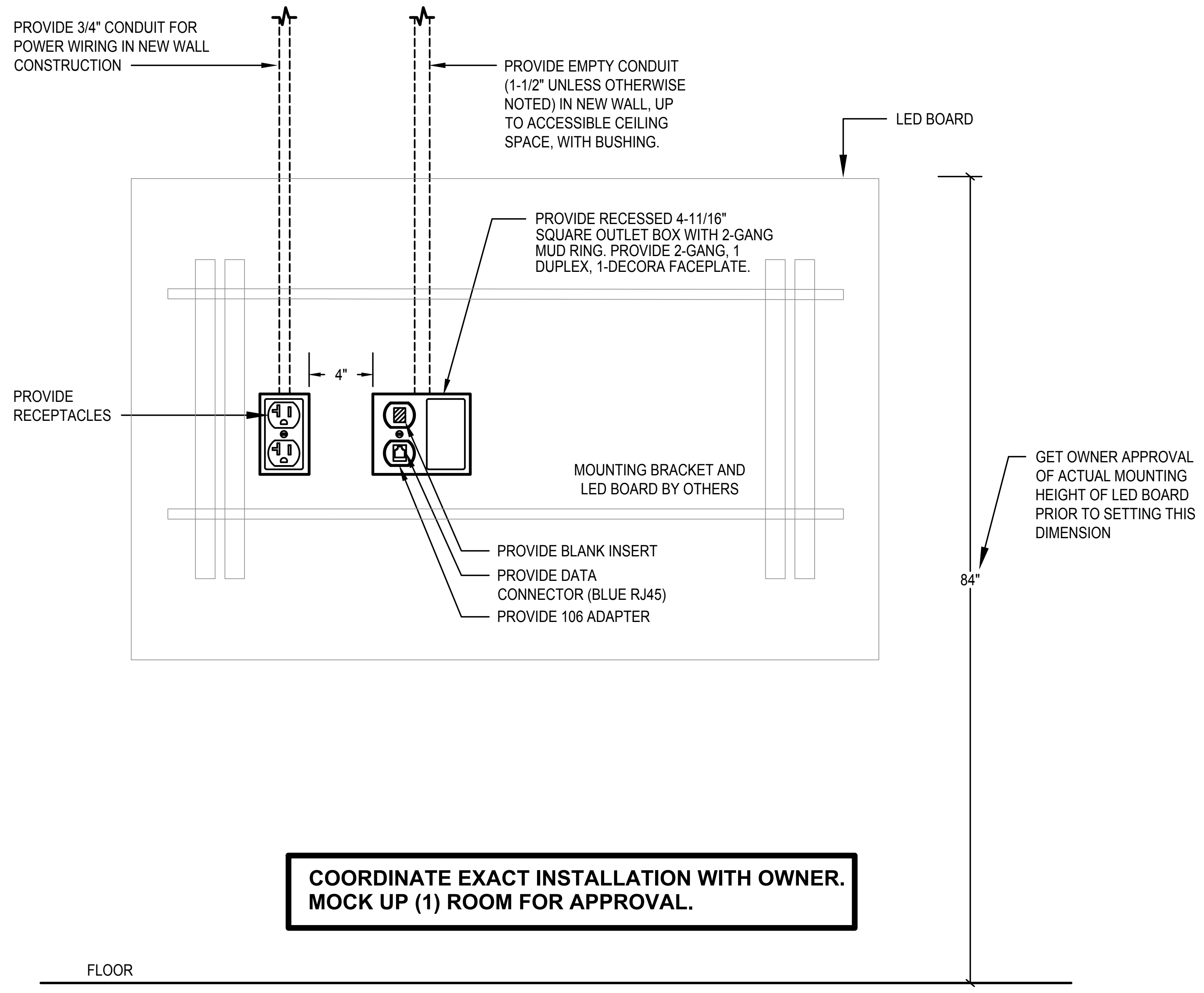
1 **TYPICAL CABLE HANGER DETAIL**
SCALE: NTS


CONNECT TO NEAREST 120V UN-SWITCHED SOURCE
R
PROVIDE SUPERVISED RELAY AND CONTROL MODULE FROM FIRE ALARM SYSTEM. (PROGRAM SYSTEM SO DAMPERS ARE CLOSED 30 SECONDS AFTER THE FAN IS SHUTDOWN)
SD
SD
SD
SMOKE DAMPER WITH POWERED OPEN ACTUATOR FURNIISHED BY DIV. 23 POWER BY DIVISION 26 (TYPICAL)

6 **SMOKE DAMPER DETAIL**
SCALE: NTS

NOTES

A. REFER TO 3/EP 604 FOR MULTI-MEDIA CABLING REQUIREMENTS.

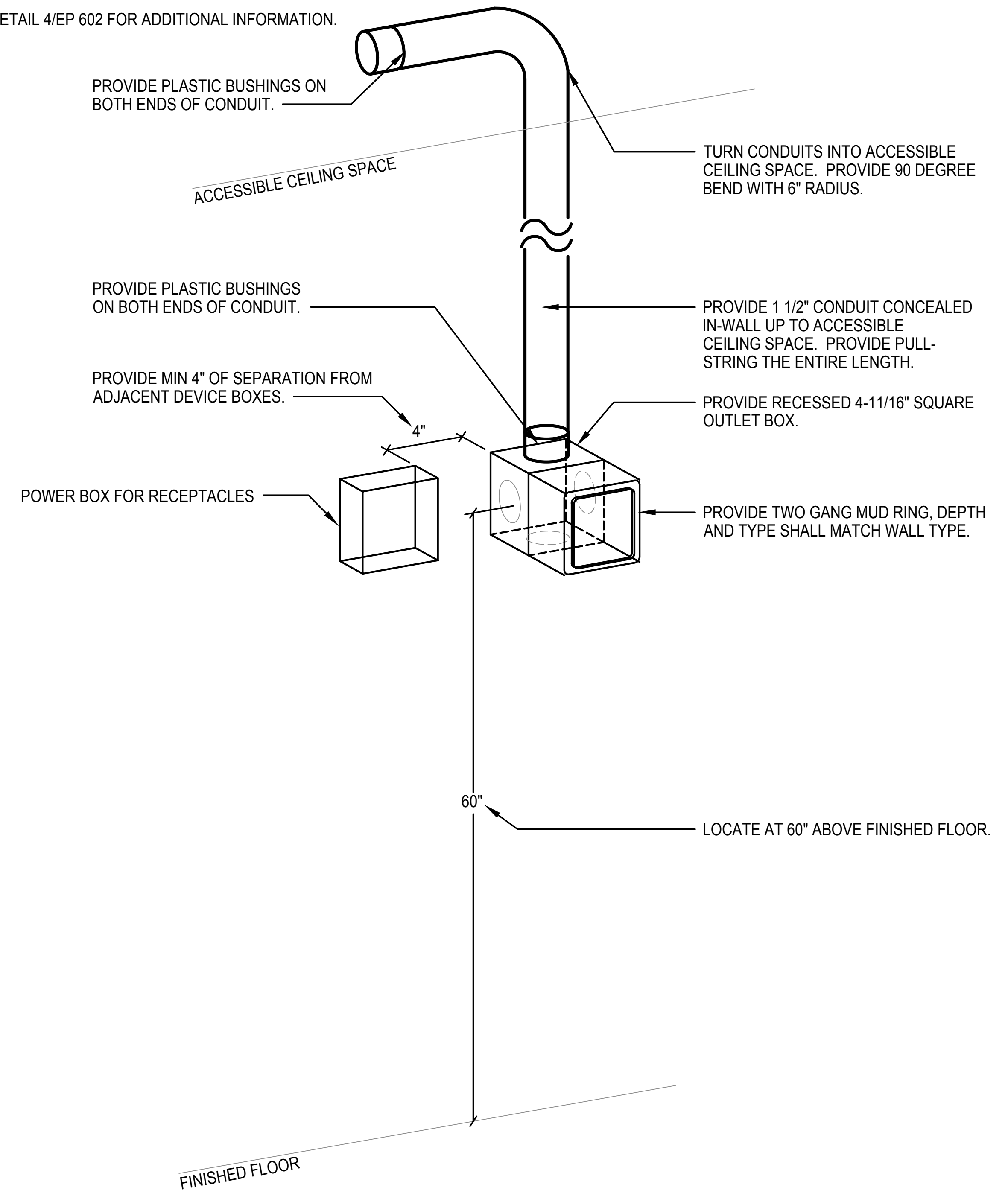

PROVIDE 3/4" CONDUIT FOR POWER WIRING IN NEW WALL CONSTRUCTION
PROVIDE EMPTY CONDUIT (1-1/2" UNLESS OTHERWISE NOTED) IN NEW WALL, UP TO ACCESSIBLE CEILING SPACE, WITH BUSHING.
LED BOARD
PROVIDE RECESSED 4-11/16" SQUARE OUTLET BOX WITH 2-GANG MUD RING. PROVIDE 2-GANG, 1 DUPLEX, 1-DECORA FACEPLATE.
4"
PROVIDE RECEPTACLES
MOUNTING BRACKET AND LED BOARD BY OTHERS
GET OWNER APPROVAL OF ACTUAL MOUNTING HEIGHT OF LED BOARD PRIOR TO SETTING THIS DIMENSION
84"
PROVIDE BLANK INSERT
PROVIDE DATA CONNECTOR (BLUE RJ45)
PROVIDE 106 ADAPTER
FLOOR

**COORDINATE EXACT INSTALLATION WITH OWNER.
MOCK UP (1) ROOM FOR APPROVAL.**

4 **INTERACTIVE LED BOARD NEW CONSTRUCTION**
SCALE: NTS

NOTES

1. REFER TO DETAIL 4/EP 602 FOR ADDITIONAL INFORMATION.


PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT.
ACCESSIBLE CEILING SPACE
TURN CONDUITS INTO ACCESSIBLE CEILING SPACE. PROVIDE 90 DEGREE BEND WITH 6" RADIUS.
PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT.
PROVIDE 1 1/2" CONDUIT CONCEALED IN-WALL UP TO ACCESSIBLE CEILING SPACE. PROVIDE PULL-STRING THE ENTIRE LENGTH.
PROVIDE MIN 4" OF SEPARATION FROM ADJACENT DEVICE BOXES.
4"
PROVIDE RECESSED 4-11/16" SQUARE OUTLET BOX.
POWER BOX FOR RECEPTACLES
PROVIDE TWO GANG MUD RING, DEPTH AND TYPE SHALL MATCH WALL TYPE.
60"
LOCATE AT 60" ABOVE FINISHED FLOOR.
FINISHED FLOOR

2 **INTERACTIVE LED BOARD NEW WALL CONSTRUCTION**
SCALE: NTS

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Electrical
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Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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Drawing Title :
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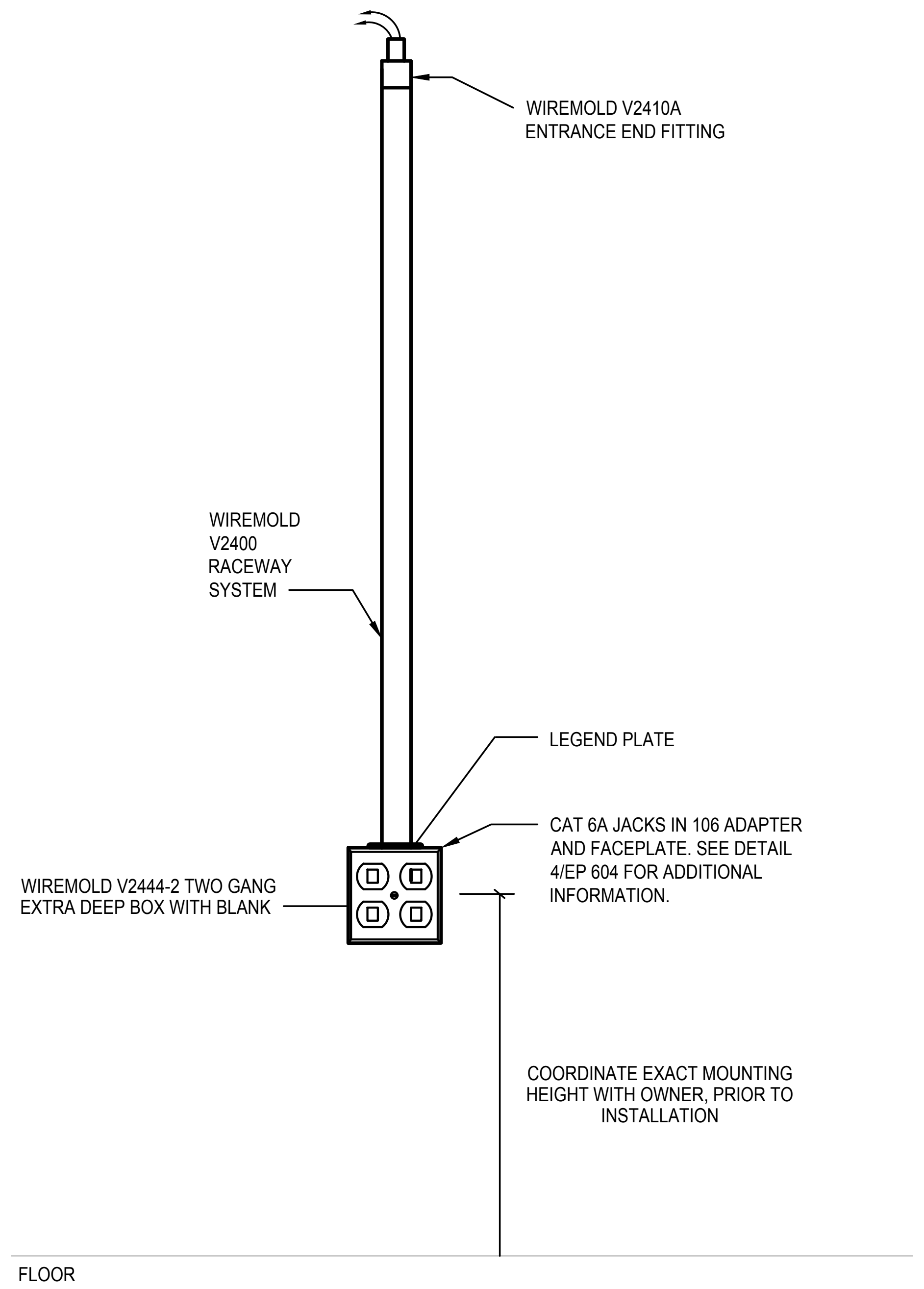
602

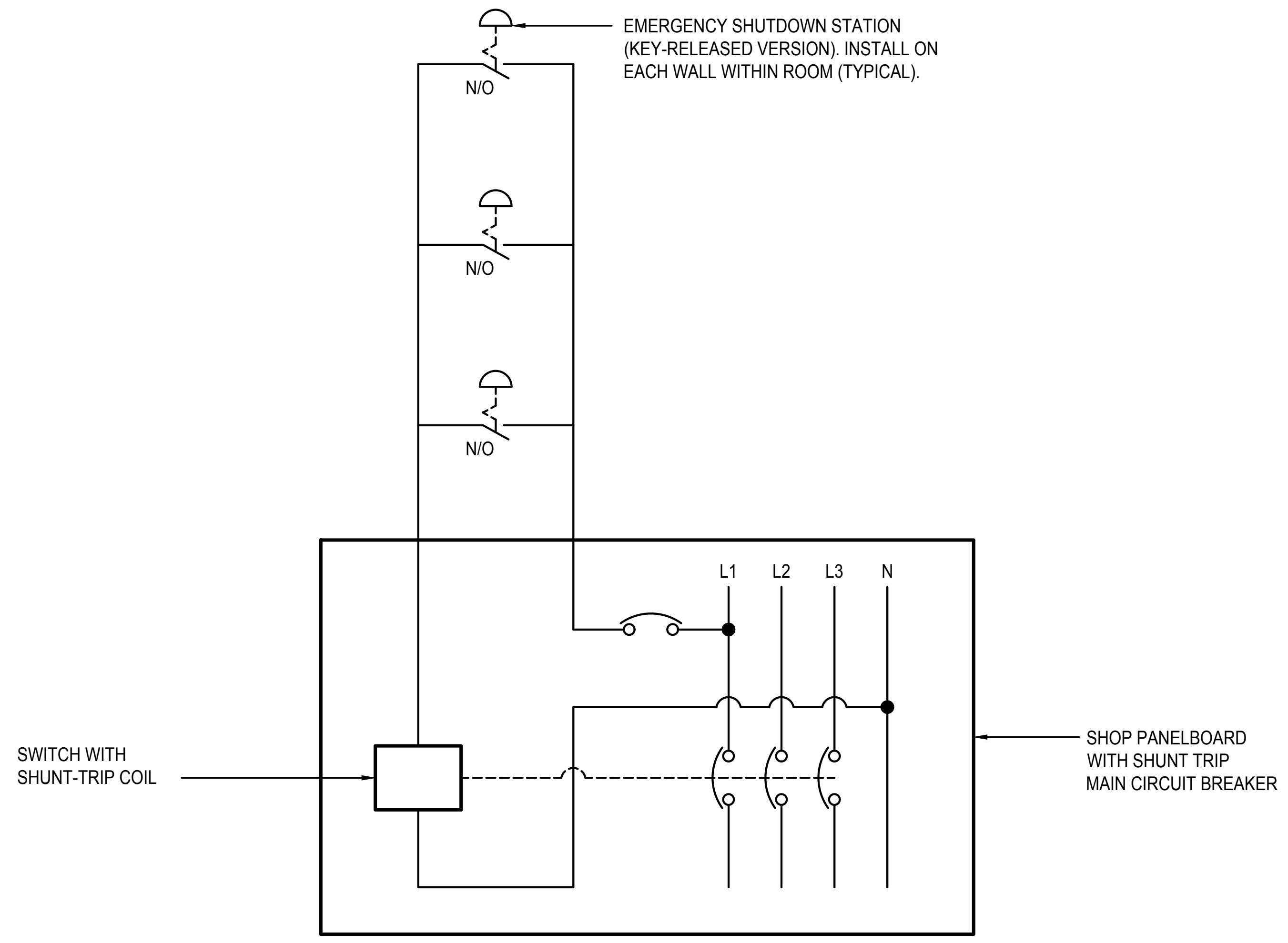

WIREMOLD V2410A
ENTRANCE END FITTING
WIREMOLD
V2400
RACEWAY
SYSTEM
LEGEND PLATE
CAT 6A JACKS IN 106 ADAPTER
AND FACEPLATE. SEE DETAIL
4/EP 604 FOR ADDITIONAL
INFORMATION.
WIREMOLD V2444-2 TWO GANG
EXTRA DEEP BOX WITH BLANK
COORDINATE EXACT MOUNTING
HEIGHT WITH OWNER, PRIOR TO
INSTALLATION
FLOOR

5 SURFACE WALL BOX AND RACEWAY FED FROM ABOVE DETAIL

SCALE: NTS

NOTES

A. THE EMERGENCY SHUTDOWN STATIONS SHALL BE CONFIGURED TO DE-ENERGIZE THE POWER PANEL(S) SUPPLYING SHOP EQUIPMENT IN A EMERGENCY CONDITION.


EMERGENCY SHUTDOWN STATION
(KEY-RELEASED VERSION). INSTALL ON
EACH WALL WITHIN ROOM (TYPICAL).
N/O
N/O
N/O
L1
L2
L3
N
SWITCH WITH
SHUNT-TRIP COIL
SHOP PANELBOARD
WITH SHUNT TRIP
MAIN CIRCUIT BREAKER

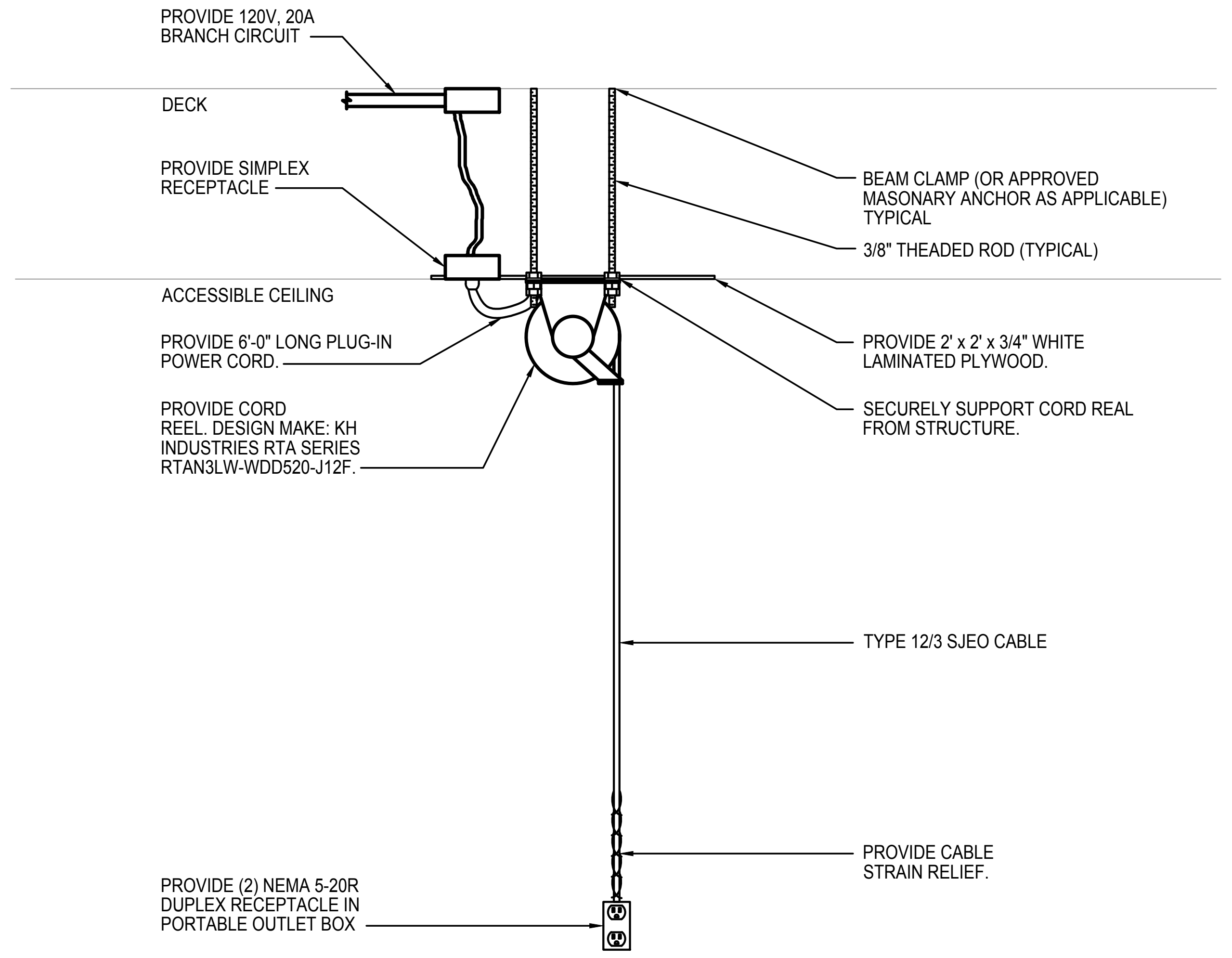
3 SHOP EMERGENCY SHUT-DOWN WIRING SCHEMATIC

SCALE : NONE

NOTES

A. INSTALL IN FULL COMPLIANCE WITH MANUFACTURE'S INSTALLATION INSTRUCTIONS.

B. COORDINATE FINAL LOCATIONS WITH OWNER.



1 CORD REEL RECEPTACLE DETAIL (ACCESSIBLE CEILING)

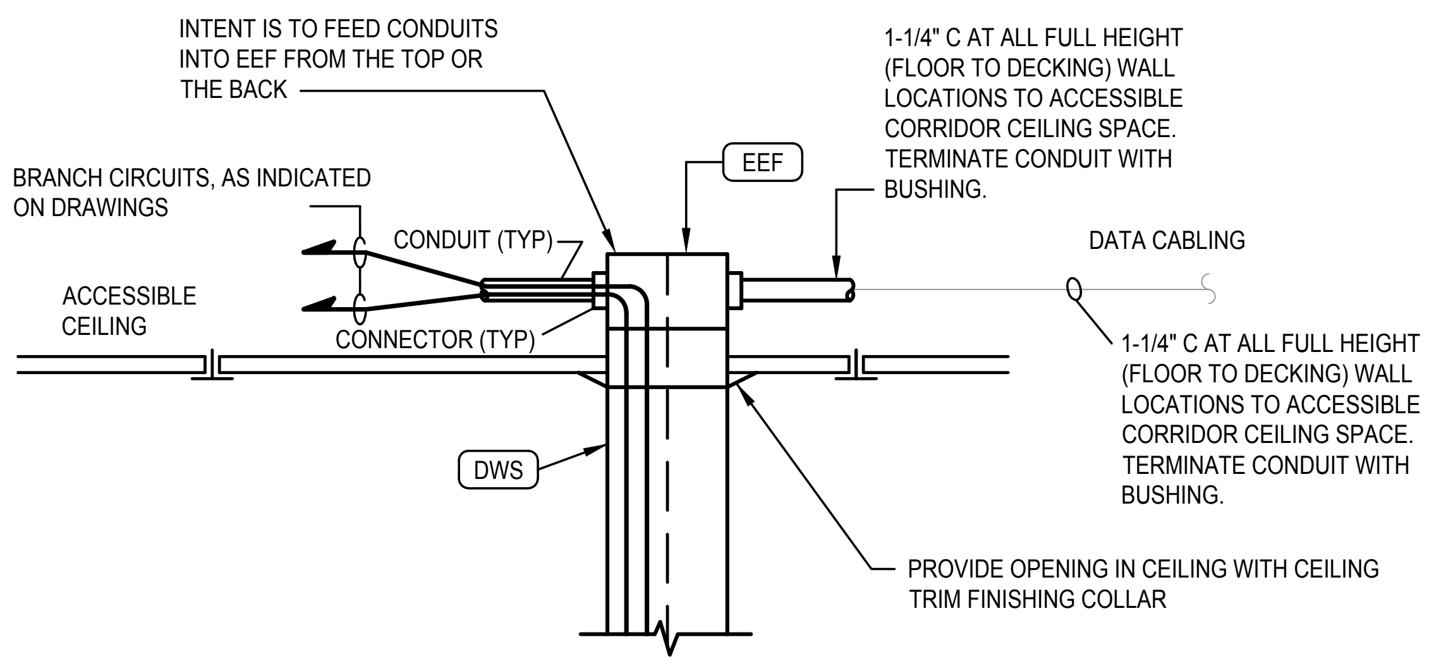
SCALE: NTS

GENERAL NOTES: (TWO SECTION RACEWAY)

1. CONTRACTOR SHALL PROVIDE ALL ACCESSORY COMPONENTS TO COMPLETE RACEWAY INSTALLATION, INCLUDING COVER ENDPLATES, INTERNAL DIVIDER, ENTRANCE FITTING, END CAPS, DIVIDED TEE, ETC..
2. CONTRACTOR SHALL NOT INSTALL RACEWAY COVERS UNTIL INSTALLATION OF PREMISES (DATA) WIRING IS COMPLETE.
3. IN AREAS WITH INACCESSIBLE CEILINGS (SOFFIT AREAS, EXISTING GLUED TILE CEILING AREA, GYPSUM, ETC.): CONTRACTOR TO PROVIDE CONCEALED CONTINUOUS 1-1/4"C WITH DRAG LINE (FOR DATA CABLING REQUIREMENTS) FROM EACH TWO-PIECE SURFACE RACEWAY TO ACCESSIBLE CORRIDOR DROP CEILING SPACE, UNLESS OTHERWISE NOTED. IN AREAS WITH FULLY ACCESSIBLE CEILINGS AND FULL HEIGHT CORRIDOR WALLS; CONTRACTOR TO PROVIDE A 1"C SLEEVE, ABOVE CEILING, THROUGH ALL WALLS FROM CORRIDOR TO EACH ROOM, SIZE AS INDICATED ON PLAN. COORDINATE ALL CONDUITS AND SLEEVES WITH ENGINEER. ALL PENETRATIONS SHALL BE SEALED IN AN APPROVED METHOD. CONTRACTOR TO CUT AND PATCH CEILINGS AS REQUIRED FOR A COMPLETE INSTALLATION.
4. CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF VERTICAL RUNS OF ALL SURFACE RACEWAY TO AVOID CONFLICTS WITH BUILDING CONDITIONS (WINDOWS, SPEAKERS, CLOCKS, BLACKBOARDS, ETC.).
5. ALL OCCUPIED AREAS WITH EXPOSED CONDUITS, CONTRACTOR TO PAINT CONDUITS TO MATCH EXISTING BUILDING CONDITIONS.
6. ADJUST NUMBER OF DEVICES AS INDICATED ON CONTRACT DRAWINGS. ADJUST OVERALL LENGTHS TO MATCH CONTRACT DRAWINGS. REVIEW ANY FIELD OBSTRUCTIONS WITH ENGINEER PRIOR TO PROCEEDING.
7. ATTACH RACEWAY WITH MECHANICAL FASTENERS AS PER MANUFACTURERS INSTRUCTIONS.

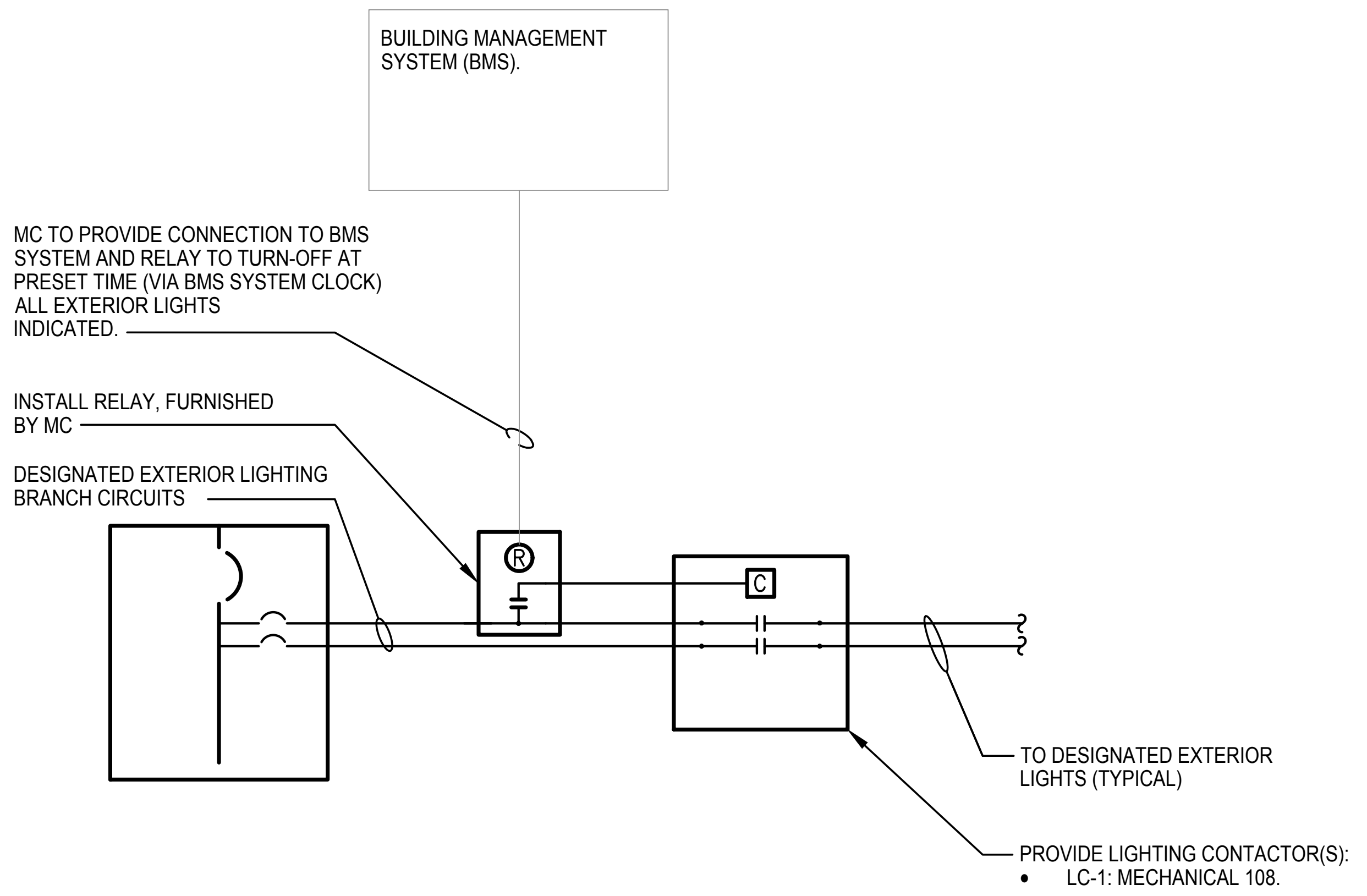
PARTS LIST
(ALL DETAILS)

EEF	ENTRANCE END FITTING	V4010DF0
DWS	WIREMOLD V4000 SYSTEM W/ DIVIDER	V4000B-10 V4000C, G 4000D
DEL	RADIUS ELBOW W/ DIVIDER	V4011 F0
BEF	BLANK END FITTING	V4010B
CVP1	4-GANG COVER MOUNTING BRACKETS.	V4047-2BBBB
DTE	DIVIDED TEE - RADIUS FULL CAPACITY	V4015DFO
CVP2	2-GANG COVER MOUNTING BRACKETS.	V4047BB
CVP3	2-GANG COVER MOUNTING BRACKETS.	V4047JX



6 CEILING ENTRANCE ACCESS DETAIL

SCALE: NTS



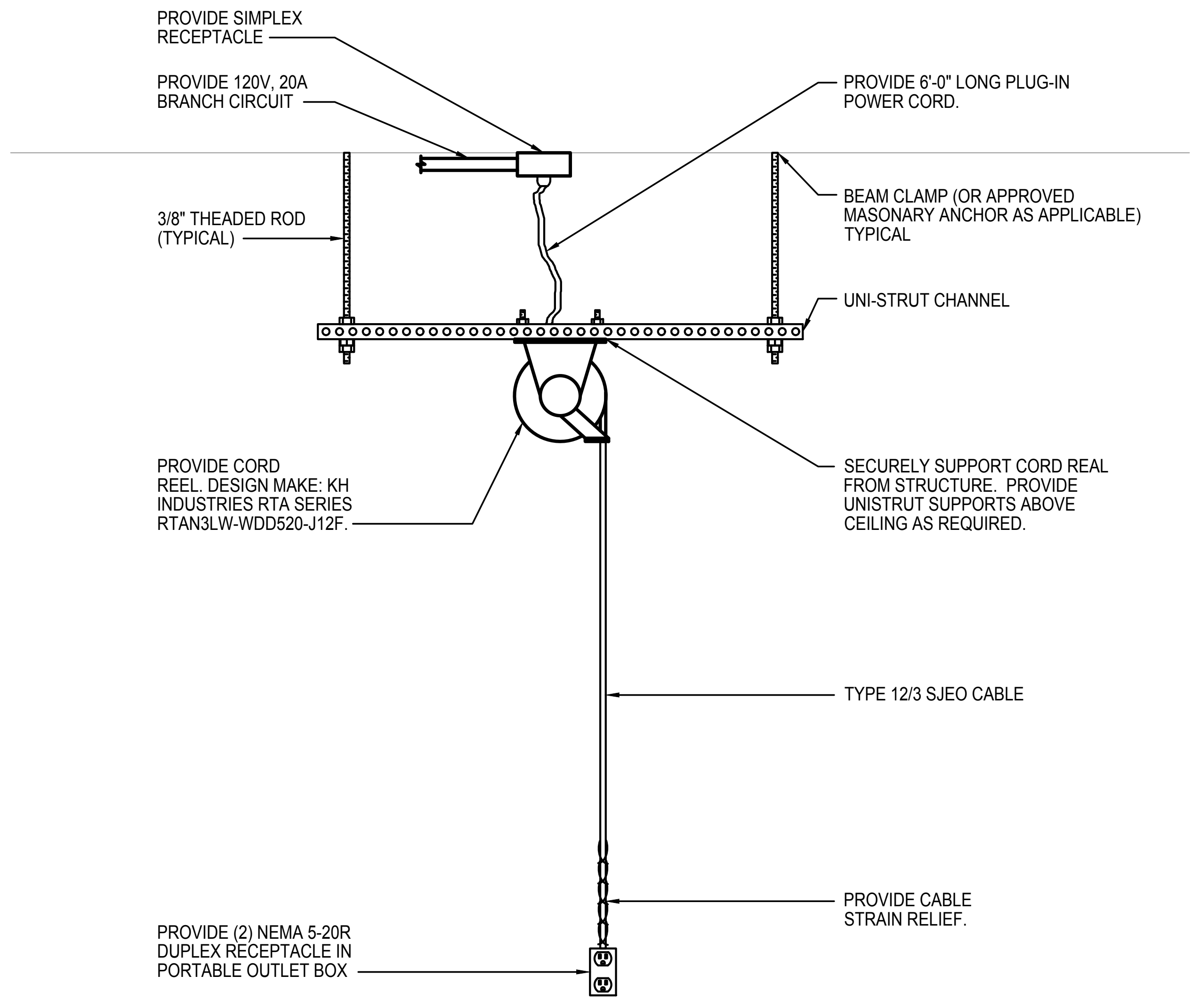
4 EXTERIOR LIGHTING CONTROL SCHEMATIC

SCALE: NTS

NOTES

A. INSTALL IN FULL COMPLIANCE WITH MANUFACTURE'S INSTALLATION INSTRUCTIONS.

B. COORDINATE FINAL LOCATIONS WITH OWNER.



2 CORD REEL RECEPTACLE DETAIL (EXPOSED STRUCTURE)

SCALE: NTS

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Drawing Number :
EP 603

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APN : 1901.2 | Date : October 2, 2020 | Drawn by : SDK

Revision :
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2/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Seal

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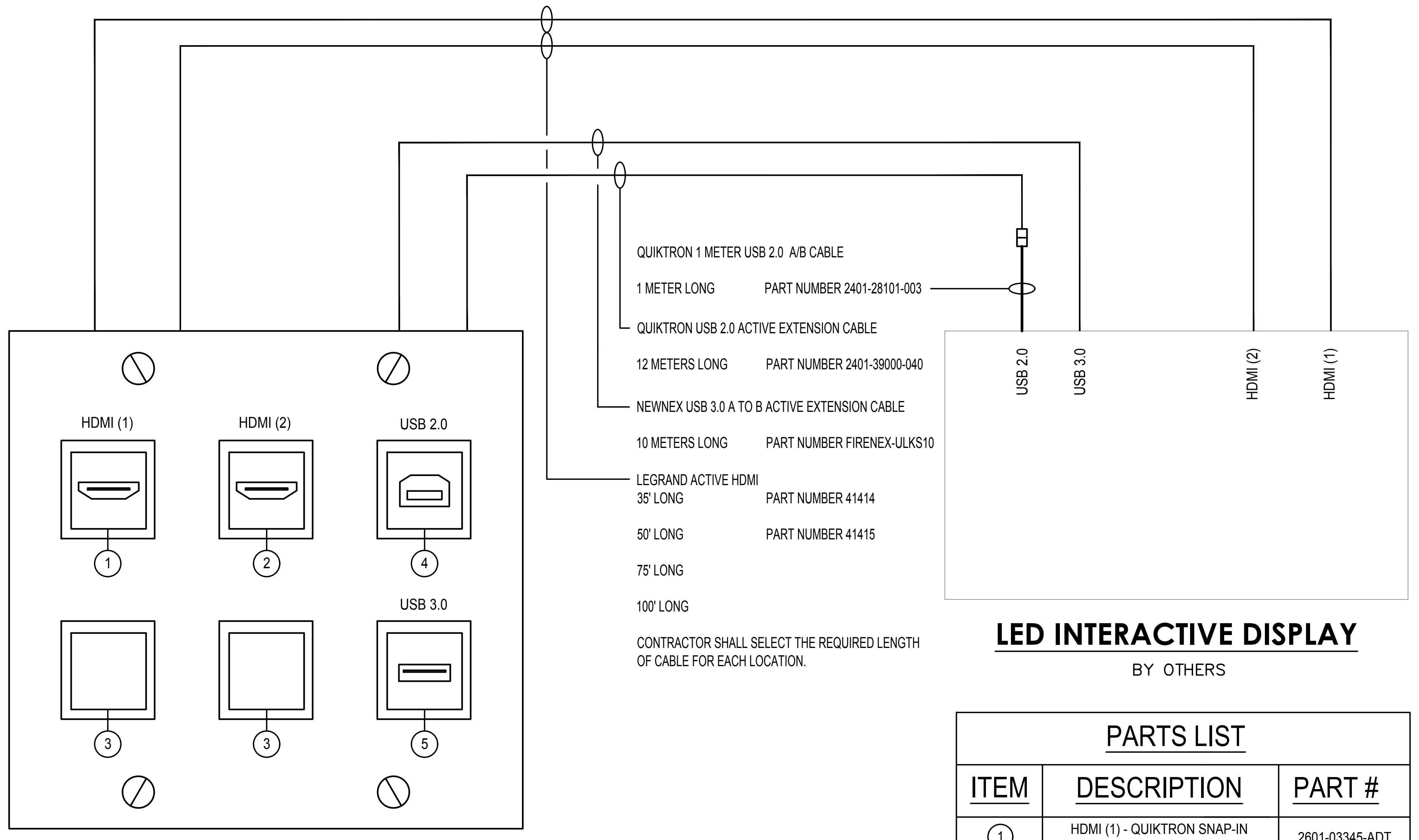


QUIKTRON 1 METER USB 2.0 A/B CABLE
1 METER LONG PART NUMBER 2401-28101-003

QUIKTRON USB 2.0 ACTIVE EXTENSION CABLE
12 METERS LONG PART NUMBER 2401-39000-040

NEWNEX USB 3.0 A TO B ACTIVE EXTENSION CABLE
10 METERS LONG PART NUMBER FIRENEX-ULKS10

LEGRAND ACTIVE HDMI
35' LONG PART NUMBER 41414
50' LONG PART NUMBER 41415
75' LONG
100' LONG

CONTRACTOR SHALL SELECT THE REQUIRED LENGTH OF CABLE FOR EACH LOCATION.

QUIKTRON 6-PORT DOUBLE GANG MULTIMEDIA KEYSTONE WALL PLATE
PART NUMBER 2601-37098-000

LED INTERACTIVE DISPLAY

BY OTHERS

PARTS LIST

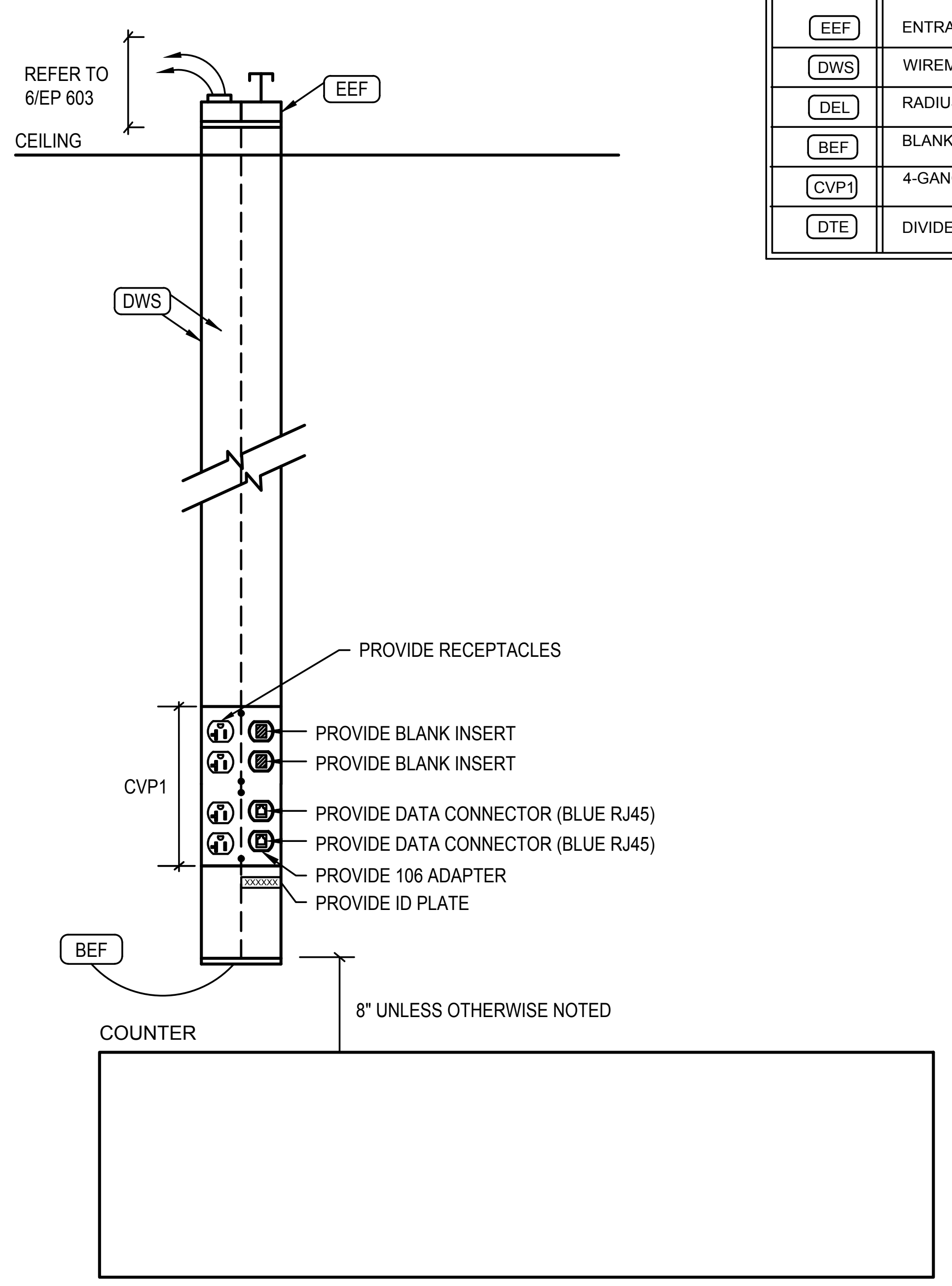
ITEM	DESCRIPTION	PART #
①	HDMI (1) - QUIKTRON SNAP-IN HDMI KEYSTONE MODULE	2601-03345-ADT
②	HDMI (2) - QUIKTRON SNAP-IN HDMI KEYSTONE MODULE	2601-03345-ADT
③	BLANK INSERT	
④	USB 2.0 - LEGRAND SNAP-IN USB KEYSTONE MODULE	2601-28751-ADT
⑤	USB 3.0 - LEGRAND SNAP-IN USB KEYSTONE MODULE	2601-68JK-0303AFAF

③ AVP-1 CABLING DIAGRAM

SCALE : NONE

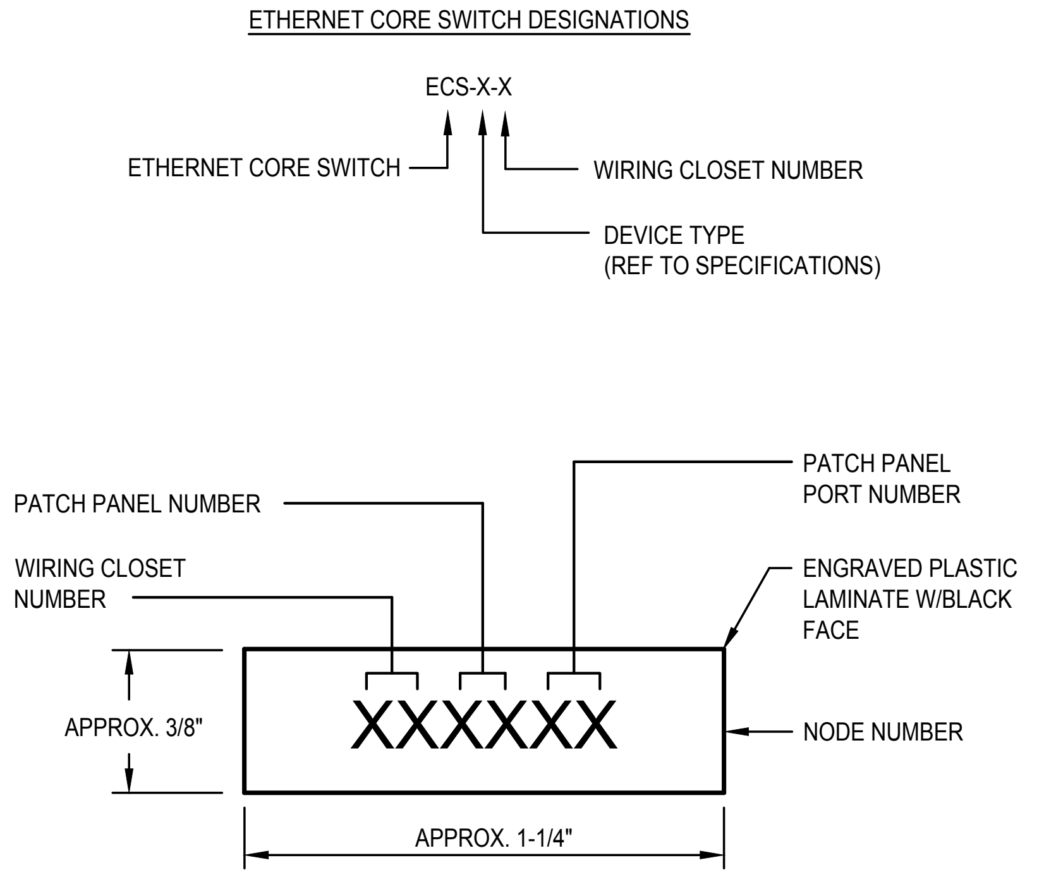
PARTS LIST
(ALL DETAILS)

EEF	ENTRANCE END FITTING	V4010DF0
DWS	WIREMOLD V4000 SYSTEM W/ DIVIDER	V4000B-10 V4000C, G 4000D
DEL	RADIUS ELBOW W/ DIVIDER	V4011 F0
BEF	BLANK END FITTING	V4010B
CVP1	4-GANG COVER MOUNTING BRACKETS.	V4047-2BBBB
DTE	DIVIDED TEE - RADIUS FULL CAPACITY	V4015DFO



① VERTICAL V-4000 RACEWAY DETAIL

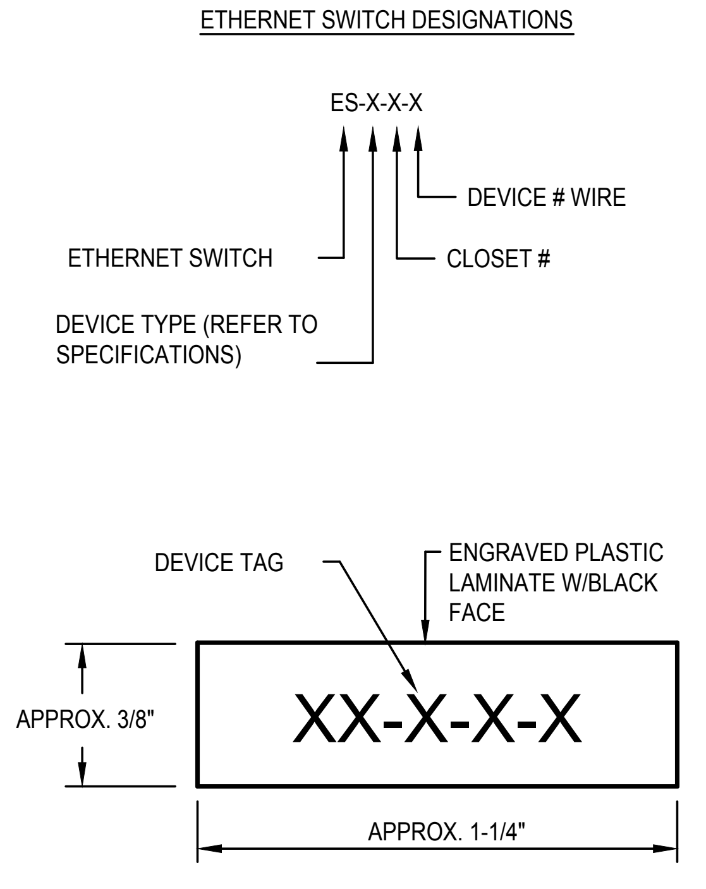
SCALE: NTS



DATA DROP LEGEND PLATE

NOTES:

1. PROVIDE (1) LEGEND PLATE FOR EACH DATA CONNECTION.
2. SECURELY MOUNT PLATE TO RACEWAY/POWER POLE WITH EPOXY STYLE ADHESIVE.


ETHERNET SWITCH DESIGNATIONS
ES-X-X-X
DEVICE # WIRE
ETHERNET SWITCH
CLOSET #
DEVICE TYPE (REFER TO SPECIFICATIONS)
DEVICE TAG
ENGRAVED PLASTIC LAMINATE W/BLACK FACE
APPROX. 3/8"
XX-X-X-X
APPROX. 1-1/4"

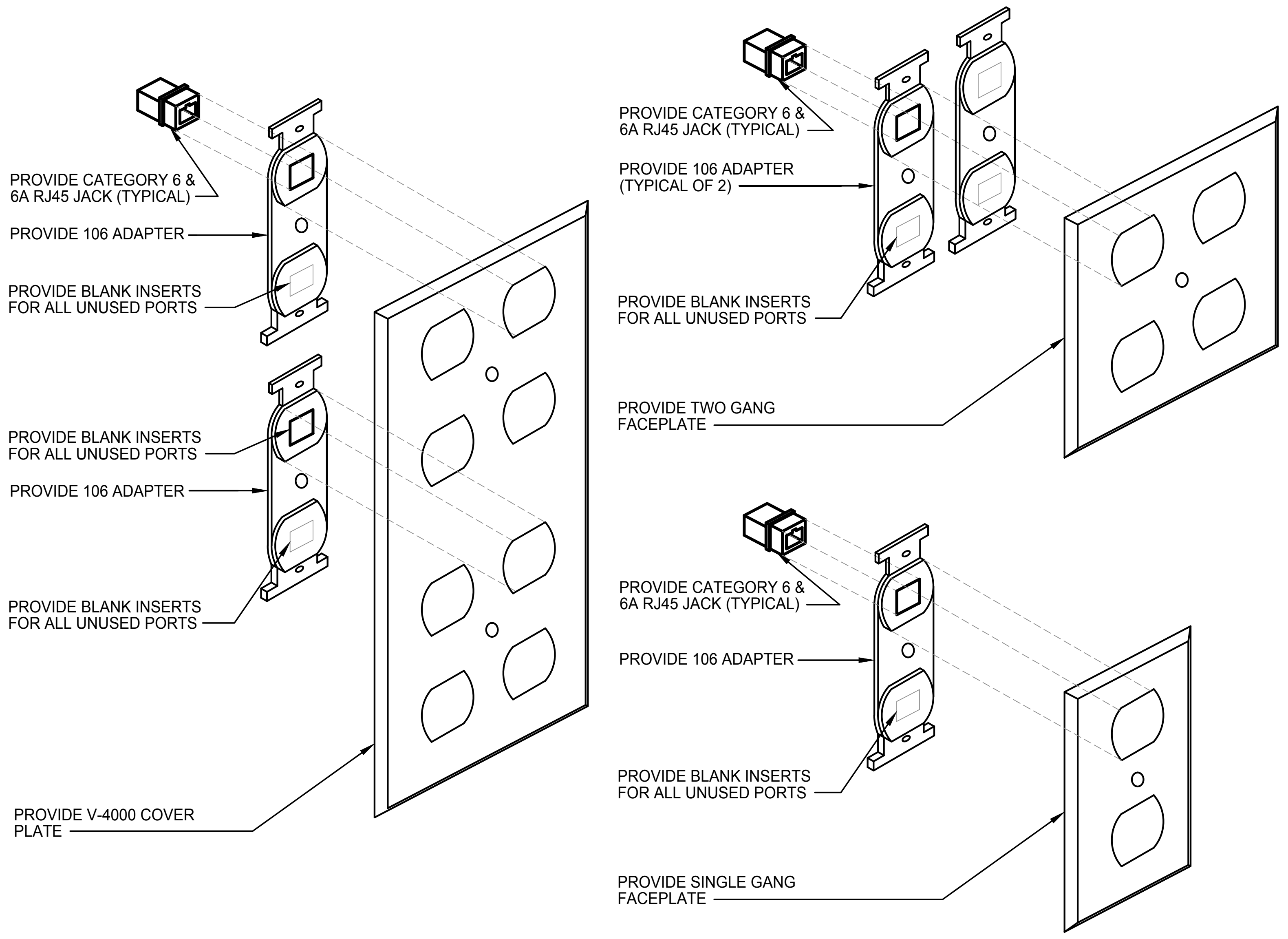
DEVICE PLATE DETAIL

NOTES:

1. PROVIDE (1) DEVICE PLATE FOR EACH DEVICE, PROVIDE AND EXISTING.

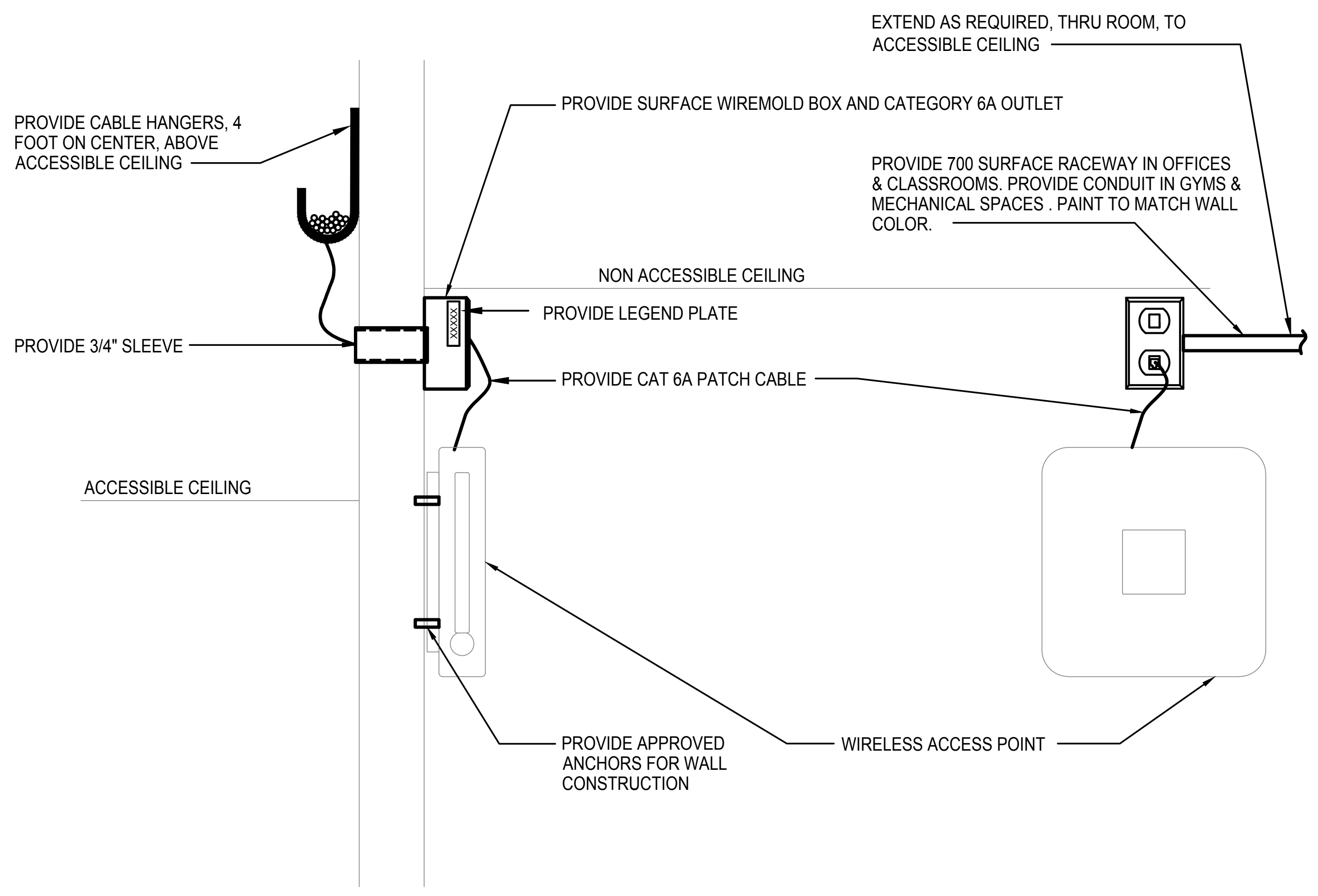
⑤ DEVICE AND LEGEND PLATE DETAIL

SCALE: NTS


PROVIDE CATEGORY 6 & 6A RJ45 JACK (TYPICAL)
PROVIDE 106 ADAPTER
PROVIDE BLANK INSERTS FOR ALL UNUSED PORTS
PROVIDE BLANK INSERTS FOR ALL UNUSED PORTS
PROVIDE 106 ADAPTER
PROVIDE BLANK INSERTS FOR ALL UNUSED PORTS
PROVIDE V-4000 COVER PLATE
PROVIDE CATEGORY 6 & 6A RJ45 JACK (TYPICAL)
PROVIDE 106 ADAPTER (TYPICAL OF 2)
PROVIDE BLANK INSERTS FOR ALL UNUSED PORTS
PROVIDE TWO GANG FACEPLATE
PROVIDE CATEGORY 6 & 6A RJ45 JACK (TYPICAL)
PROVIDE 106 ADAPTER
PROVIDE BLANK INSERTS FOR ALL UNUSED PORTS
PROVIDE SINGLE GANG FACEPLATE

④ COMMUNICATIONS FACEPLATE DETAIL

SCALE: NTS


EXTEND AS REQUIRED, THRU ROOM, TO ACCESSIBLE CEILING
PROVIDE SURFACE WIREMOLD BOX AND CATEGORY 6A OUTLET
PROVIDE CABLE HANGERS, 4 FOOT ON CENTER, ABOVE ACCESSIBLE CEILING
PROVIDE 700 SURFACE RACEWAY IN OFFICES & CLASSROOMS. PROVIDE CONDUIT IN GYMS & MECHANICAL SPACES . PAINT TO MATCH WALL COLOR.
NON ACCESSIBLE CEILING
PROVIDE LEGEND PLATE
XXXXX
PROVIDE 3/4" SLEEVE
PROVIDE CAT 6A PATCH CABLE
ACCESSIBLE CEILING
PROVIDE APPROVED ANCHORS FOR WALL CONSTRUCTION
WIRELESS ACCESS POINT

② WALL MOUNTED ACCESS POINT DETAIL

SCALE: NTS

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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ES # 19072

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

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2/01/2021

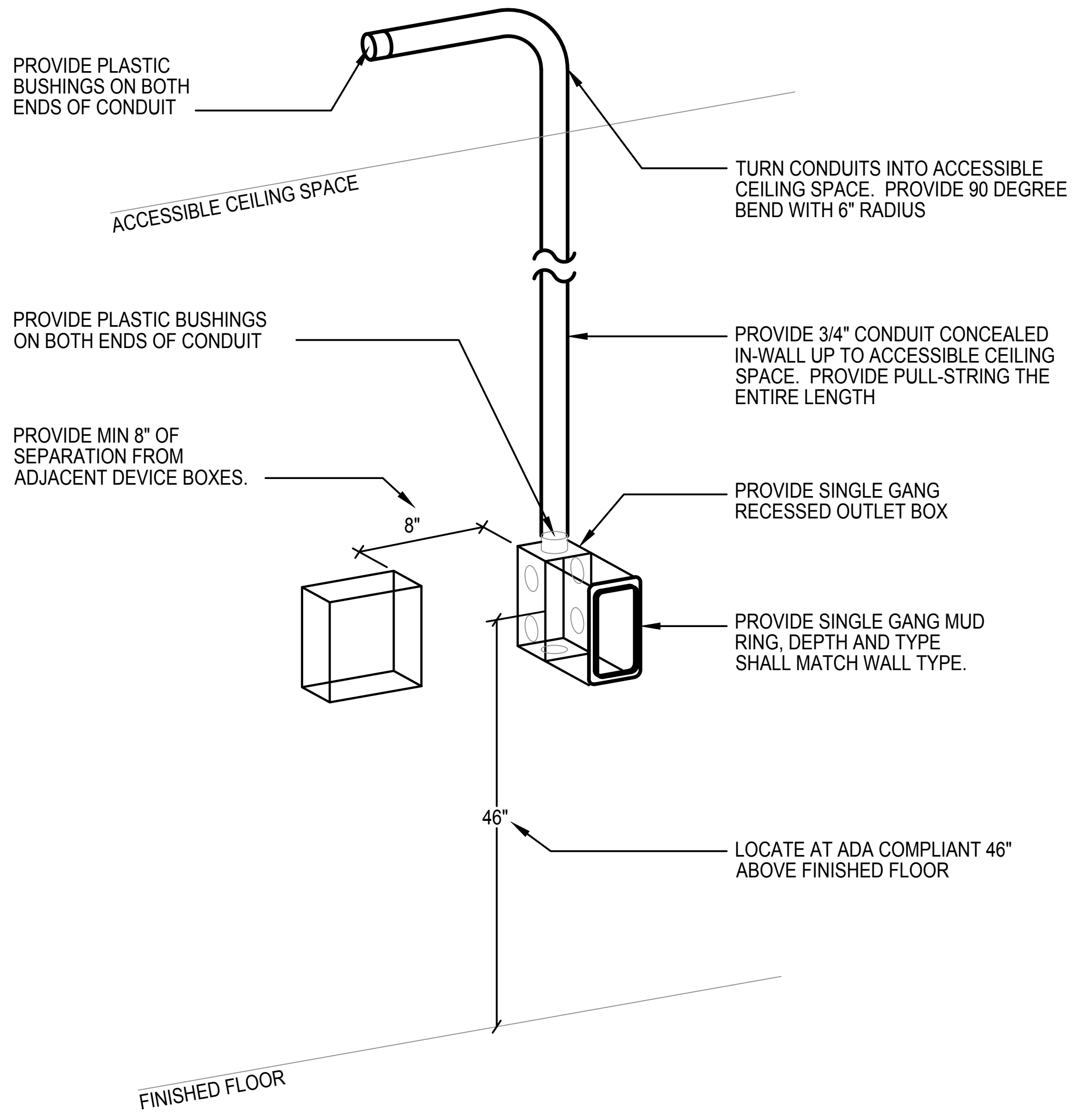
Drawing Title :
DETAILS

APN : 1901.2
Date : October 2, 2020
Drawn by : SDK

Drawing Number :
EP 604

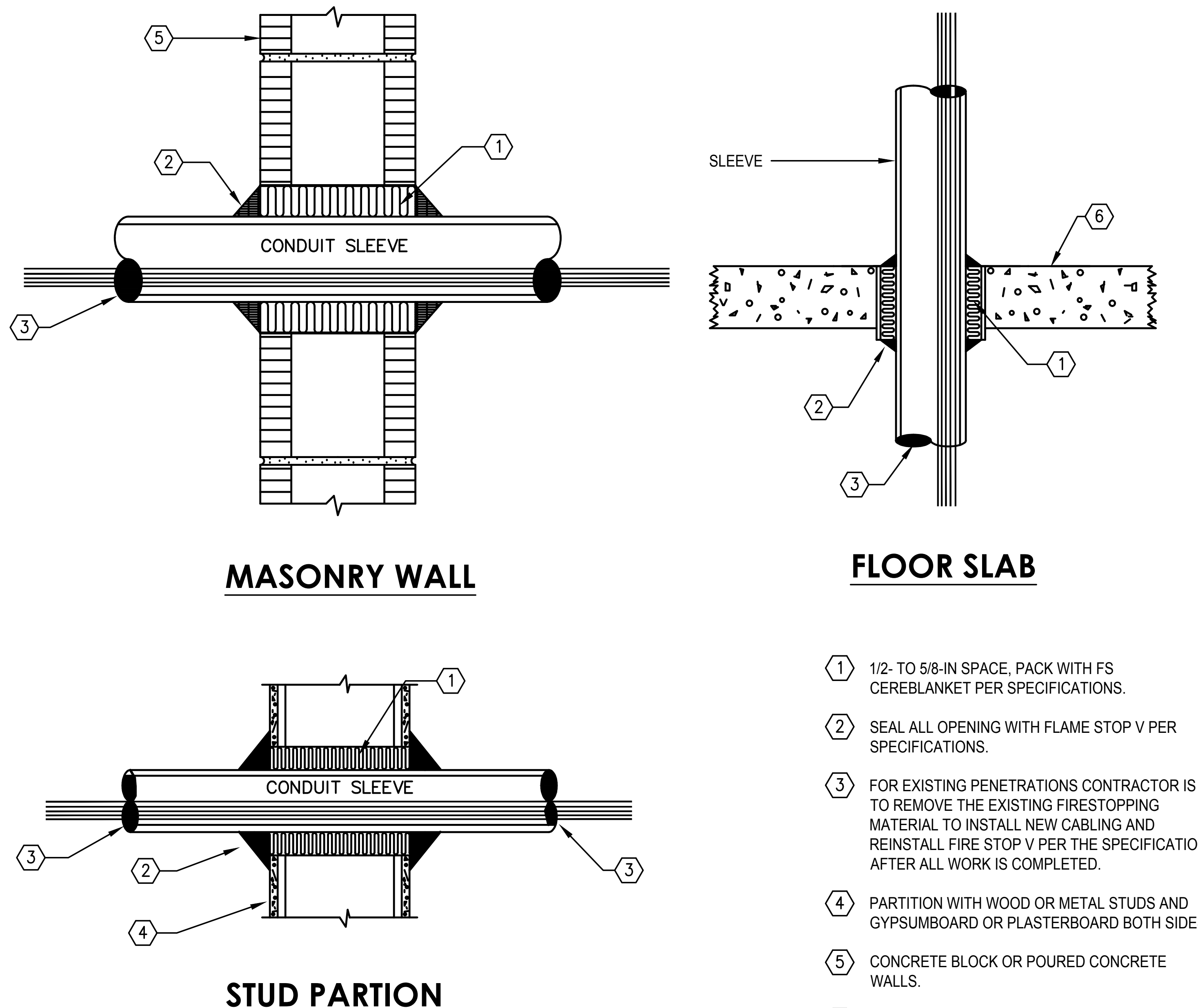
NOTES

A. WHEREVER POSSIBLE, DO NOT MOUNT TELEPHONE OUTLET BETWEEN AREA LIGHT SWITCHING AND DOOR FRAME (STRIKE SIDE).


PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT
ACCESSIBLE CEILING SPACE
TURN CONDUITS INTO ACCESSIBLE CEILING SPACE. PROVIDE 90 DEGREE BEND WITH 6" RADIUS
PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT
PROVIDE 3/4" CONDUIT CONCEALED IN-WALL UP TO ACCESSIBLE CEILING SPACE. PROVIDE PULL-STRING THE ENTIRE LENGTH
PROVIDE MIN 8" OF SEPARATION FROM ADJACENT DEVICE BOXES.
8"
PROVIDE SINGLE GANG RECESSED OUTLET BOX
PROVIDE SINGLE GANG MUD RING, DEPTH AND TYPE SHALL MATCH WALL TYPE.
46"
LOCATE AT ADA COMPLIANT 46" ABOVE FINISHED FLOOR
FINISHED FLOOR

3 WALL MOUNTED TELEPHONE OUTLET DETAIL

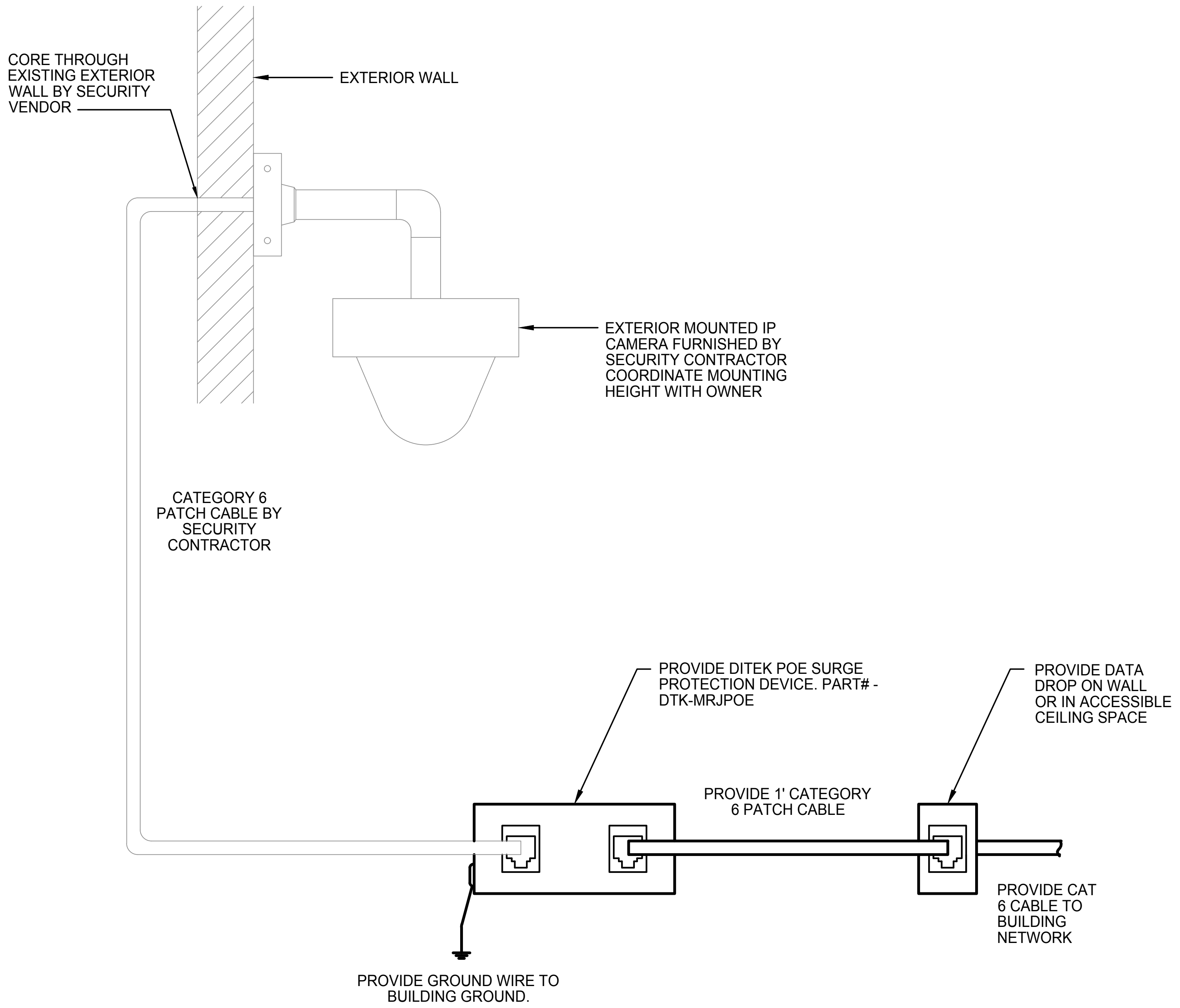
SCALE: NTS



1. 1/2- TO 5/8-IN SPACE, PACK WITH FS CEREBLANKET PER SPECIFICATIONS.
2. SEAL ALL OPENING WITH FLAME STOP V PER SPECIFICATIONS.
3. FOR EXISTING PENETRATIONS CONTRACTOR IS TO REMOVE THE EXISTING FIRESTOPPING MATERIAL TO INSTALL NEW CABLING AND REINSTALL FIRE STOP V PER THE SPECIFICATION AFTER ALL WORK IS COMPLETED.
4. PARTITION WITH WOOD OR METAL STUDS AND GYPSUMBOARD OR PLASTERBOARD BOTH SIDES.
5. CONCRETE BLOCK OR POURED CONCRETE WALLS.
6. CONCRETE FLOOR SLAB.

1 NEW AND EXISTING CONDUIT SLEEVE DETAIL

SCALE: NTS


CORE THROUGH EXISTING EXTERIOR WALL BY SECURITY VENDOR
EXTERIOR WALL
EXTERIOR MOUNTED IP CAMERA FURNISHED BY SECURITY CONTRACTOR COORDINATE MOUNTING HEIGHT WITH OWNER
CATEGORY 6 PATCH CABLE BY SECURITY CONTRACTOR
PROVIDE DITEK POE SURGE PROTECTION DEVICE. PART# - DTK-MRJPOE
PROVIDE DATA DROP ON WALL OR IN ACCESSIBLE CEILING SPACE
PROVIDE 1' CATEGORY 6 PATCH CABLE
PROVIDE CAT 6 CABLE TO BUILDING NETWORK
PROVIDE GROUND WIRE TO BUILDING GROUND.

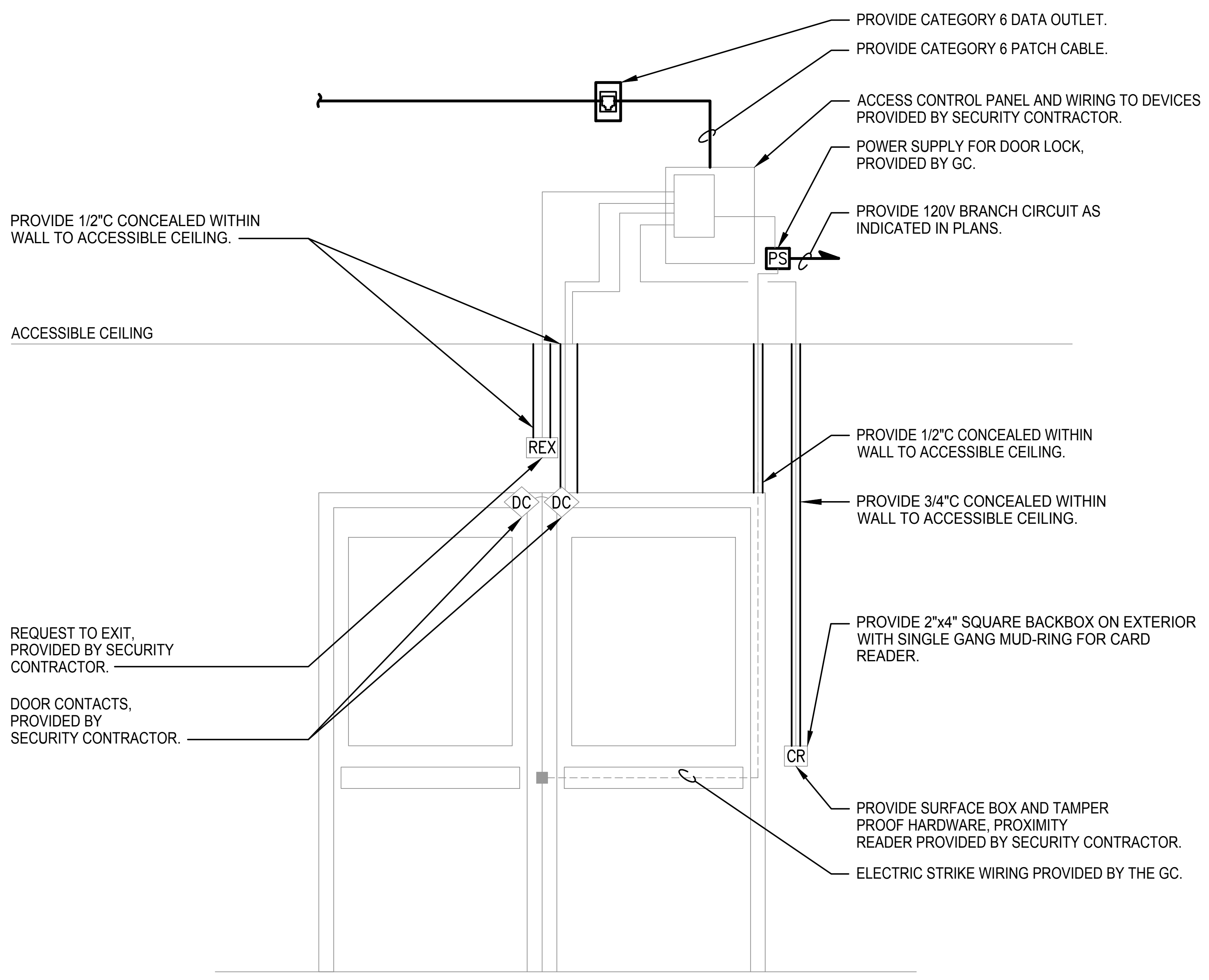
4 EXTERIOR DEVICE SURGE SUPPRESSION DETAIL

SCALE: NTS

NOTES

A. REFER TO ARCHITECTURAL DRAWINGS FOR ACCESSIBLE CEILING LOCATIONS AND HEIGHTS.

B. IN AREAS WITHOUT AN ACCESSIBLE CEILING, TURN CONDUITS INTO CLOSEST ROOM WITH ACCESSIBLE CEILING.


PROVIDE CATEGORY 6 DATA OUTLET.
PROVIDE CATEGORY 6 PATCH CABLE.
ACCESS CONTROL PANEL AND WIRING TO DEVICES PROVIDED BY SECURITY CONTRACTOR.
POWER SUPPLY FOR DOOR LOCK, PROVIDED BY GC.
PROVIDE 120V BRANCH CIRCUIT AS INDICATED IN PLANS.
PS
PROVIDE 1/2"C CONCEALED WITHIN WALL TO ACCESSIBLE CEILING.
ACCESSIBLE CEILING
REX
PROVIDE 1/2"C CONCEALED WITHIN WALL TO ACCESSIBLE CEILING.
DC
DC
PROVIDE 3/4"C CONCEALED WITHIN WALL TO ACCESSIBLE CEILING.
REQUEST TO EXIT, PROVIDED BY SECURITY CONTRACTOR.
PROVIDE 2"x4" SQUARE BACKBOX ON EXTERIOR WITH SINGLE GANG MUD-RING FOR CARD READER.
DOOR CONTACTS, PROVIDED BY SECURITY CONTRACTOR.
CR
PROVIDE SURFACE BOX AND TAMPER PROOF HARDWARE, PROXIMITY READER PROVIDED BY SECURITY CONTRACTOR.
ELECTRIC STRIKE WIRING PROVIDED BY THE GC.

2 DOOR ACCESS DETAIL

SCALE: NTS

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S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

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2/01/2021

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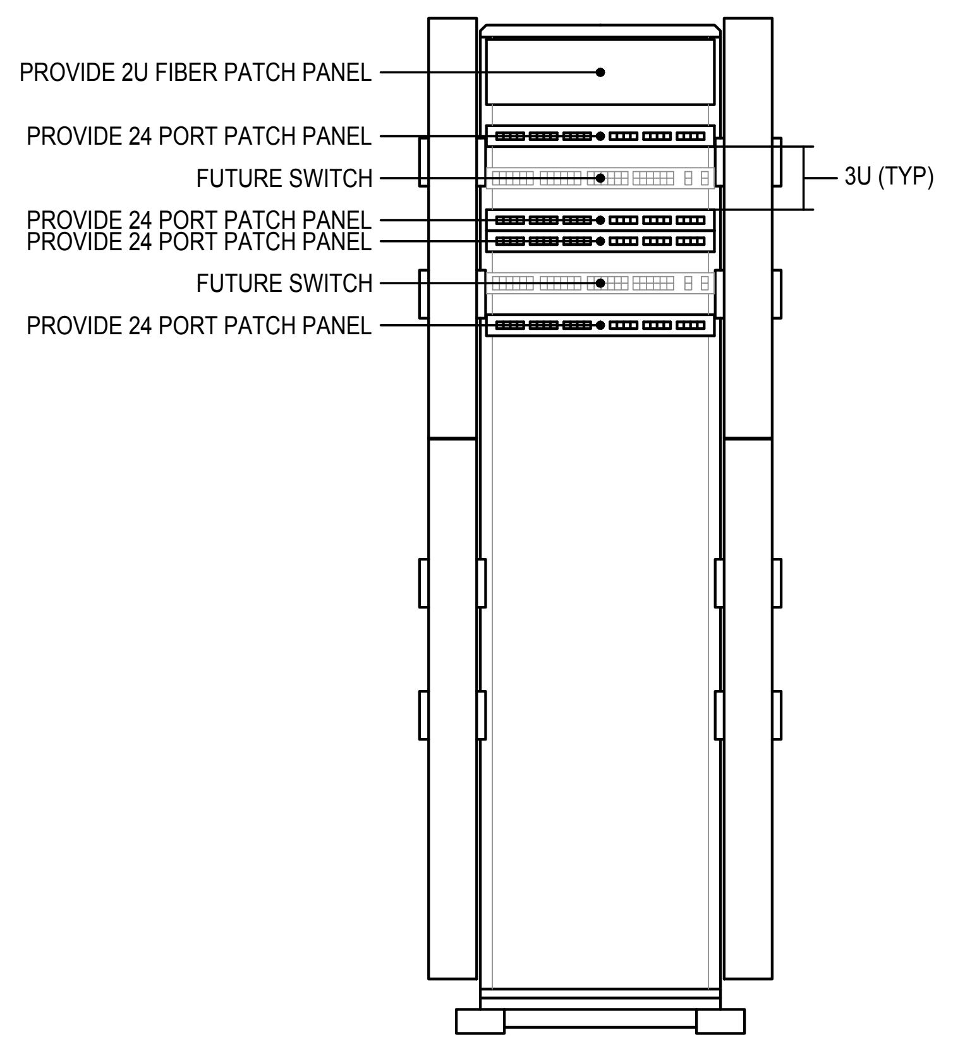
PROVIDE 2U FIBER PATCH PANEL
PROVIDE 24 PORT PATCH PANEL
FUTURE SWITCH
3U (TYP)
PROVIDE 24 PORT PATCH PANEL
PROVIDE 24 PORT PATCH PANEL
FUTURE SWITCH
PROVIDE 24 PORT PATCH PANEL

IDF-3
MECHANICAL 108

1 RACK RISER DIAGRAM
SCALE: NTS

Patch Panel 1 Port	030101	030102	030103	030104	030105	030106	030107	030108	030109	030110	030111	030112	030113	030114	030115	030116	030117	030118	030119	030120	030121	030122	030123	030124
Room Number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	104A	104A	104A	104B	104B	104B
Data Port	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X
Wireless														X	X									
Security port																								
Patch Panel 2 Port	030201	030202	030203	030204	030205	030206	030207	030208	030209	030210	030211	030212	030213	030214	030215	030216	030217	030218	030219	030220	030221	030222	030223	030224
Room Number	102	102	102	102	102	103	103	103	103	103	103	104C	104C	104	104	104	104	104	104	104	105	105	105	105
Data Port			X	X	X			X	X	X	X	X	X				X	X			X	X	X	X
Wireless	X	X				X	X								X	X			X	X				
Security port														X										
Patch Panel 3 Port	030301	030302	030303	030304	030305	030306	030307	030308	030309	030310	030311	030312	030313	030314	030315	030316	030317	030318	030319	030320	030321	030322	030323	030324
Room Number	104	104	104	104	104	104	104	104	104	104	106	106	106	106	106	106	106	106	106	106	107	107	107	107
Data Port			X	X	X		X	X			X	X	X	X	X	X	X	X			X	X	X	X
Wireless	X	X							X	X									X	X				
Security port						X																		
Patch Panel 4 Port	030401	030402	030403	030404	030405	030406	030407	030408	030409	030410	030411	030412	030413	030414	030415	030416	030417	030418	030419	030420	030421	030422	030423	030424
Room Number	107	107	107	107	107	107	104	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
Data Port	X	X																						
Wireless			X	X																				
Security port					X	X	X																	

IDF-3

2 PATCH PANEL SCHEDULE
SCALE: NTS

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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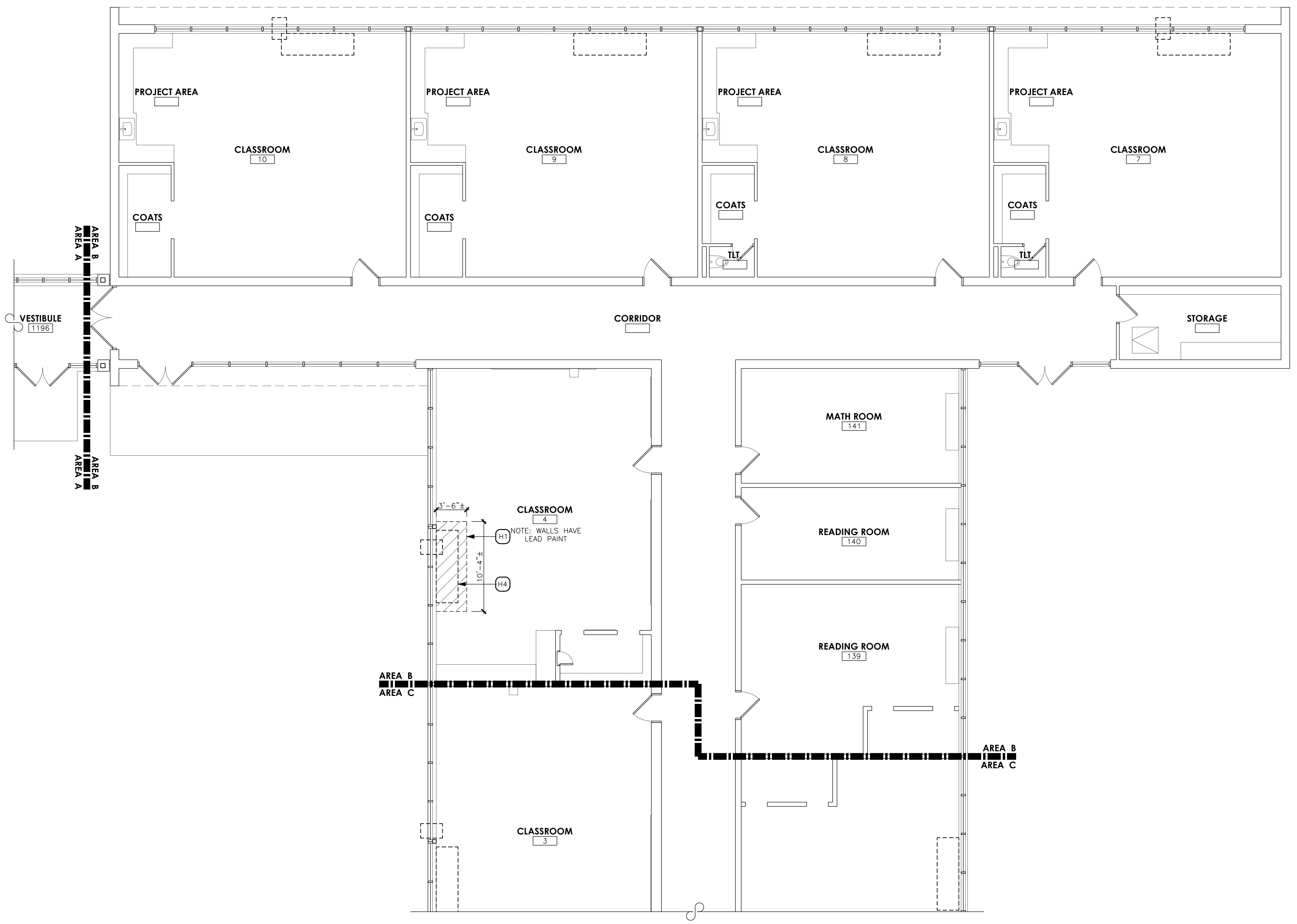
2/01/2021

Drawing Title :
RACK RISER DIAGRAM AND
PATCH PANEL SCHEDULE

APN : 1901.2
Date : October 2, 2020
Drawn by : SDK

Drawing Number :
EP
801



① **PARTIAL FIRST FLOOR ABATEMENT PLAN - AREA B**

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

GENERAL ABATEMENT PLAN NOTES

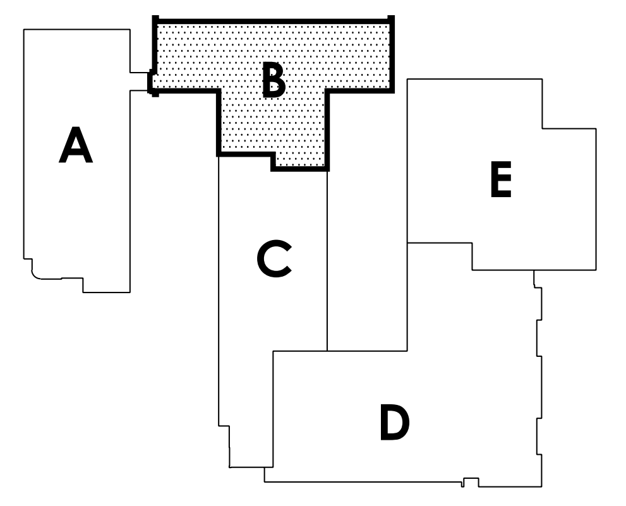
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56 AND SPECIFICATIONS. ALL MATERIALS ARE TO BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56
2. DISPOSE OF ALL MATERIALS TO BE REMOVED AS ASBESTOS CONTAINING BUILDING MATERIAL (ACBM), UNLESS NOTED OTHERWISE
3. EXACT EXTENTS AND LOCATIONS OF REMOVALS SHALL BE DETERMINED IN THE FIELD. COORDINATE ABATEMENT WITH OTHER PRIME CONTRACTORS AS REQUIRED
4. FIELD VERIFY DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES
5. ASBESTOS ABATEMENT CONTRACTOR TO REFER TO THE ASBESTOS CONTAINING SURVEY IN THE SPECIFICATIONS FOR ADDITIONAL INFORMATION
6. ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TYING UP ALL DEVICES TO EXISTING STRUCTURE ABOVE DURING REMOVALS INCLUDING ALL FIRE ALARM, SPEAKERS, EMERGENCY EXIT LIGHTING, SECURITY CAMERAS, ETC.
7. ABATEMENT TO INCLUDE COMPLETE REMOVALS OF ALL FASTENERS, ADHESIVES AND RELATED ITEMS COMPLETELY DOWN TO SUBSTRATE
8. REMOVE PORTIONS OF CEILING, WALL, SOFFIT, ETC. AS REQUIRED FOR COMPLETE REMOVAL OF ACBM. DISPOSE OF AS ASBESTOS CONTAINING BUILDING MATERIALS UNLESS NOTED OTHERWISE. SEE DEMOLITION PLANS FOR EXTENT OF ITEMS THAT ARE EXISTING TO REMAIN, OR SCHEDULED FOR DEMOLITION. PATCH ALL SURFACES THAT ARE EXISTING TO REMAIN TO MATCH EXISTING ADJACENT, OR AS REQUIRED FOR INSTALLATION OF NEW WORK. AT ITEMS/AREAS SCHEDULED FOR DEMOLITION IT IS NOT NECESSARY TO PATCH OPENINGS REQUIRED FOR ABATEMENT, UNLESS LEAVING THE OPENING WOULD CREATE AN UNSAFE CONDITION FOR OTHER WORKERS
9. KEYNOTES AND HATCHES INDICATE APPROXIMATE AREAS, ELEVATIONS, ETC OF SPECIFIC ITEMS TO BE REMOVED. THE INTENT IS FOR ALL OF THE TYPE OF ACBM MATERIAL IDENTIFIED WITH A KEYNOTE TO BE REMOVED IN THE ENTIRE SPACE, EVEN IF SAID MATERIAL FALLS OUTSIDE OF THE HATCHED AREA OR IS OF A DIFFERENT SIZE OR ELEVATION INDICATED
10. AT SITE OF ACBM REMOVALS – SCRAPE, CLEAN, AND SEAL OR ENCAPSULATE ADJACENT ACBM IN PREPARATION FOR THE WORK OF OTHER TRADES, TYPICAL.

ABATEMENT KEYNOTES :

H1	MASTIC IS ASBESTOS CONTAINING. REMOVE PORTION OF EXISTING RESILIENT FLOOR TILE, MASTIC, AND WALL BASE (IF PRESENT) TO STRUCTURAL FLOOR SLAB AS ASBESTOS CONTAINING BUILDING MATERIALS. REMOVE VCT TO NEAREST FULL TILE. NEW UV WILL BE LARGER THAN EXISTING, COORDINATE EXTENT REMOVALS REQUIRED TO ACCOMMODATE SIZE OF NEW UV WITH MC. WHERE HAZARDOUS MATERIALS REPORTS INDICATES THAT ROOMS HAVE TWO LAYERS OF FLOORING, REMOVE BOTH LAYERS TO STRUCTURAL FLOOR SLAB.
H2	MASTIC IS ASBESTOS CONTAINING. REMOVE EXISTING CARPET, MASTIC, WALL BASE, AND THRESHOLDS TO STRUCTURAL FLOOR SLAB AS ASBESTOS CONTAINING BUILDING MATERIALS. OWNER TO REMOVE LOOSE FURNITURE AND EQUIPMENT, UNLESS OTHERWISE INDICATED.
H3	REMOVE PORTION OF GYPSUM WALL AND SOFFIT AS ASBESTOS CONTAINING BUILDING MATERIALS. ENCAPSULATE EXPOSED ENDS OF GWB AS REQUIRED FOR INSTALLATION OF NEW WORK, SEE 2/AHD03. REMOVE EXISTING WINDOW SYSTEM AND SEALANT COMPLETE.
H4	REMOVE EXISTING UV COMPLETE. CLEAN ANY ASBESTOS CONTAINING MATERIALS FROM UV AND TURN OVER TO MC FOR DISPOSAL OF AS UNIVERSAL WASTE. UV DISCONNECT BY OTHERS.
H5	RELOCATE LOOSE FURNITURE AS REQUIRED TO PERFORM ABATEMENT WORK.
H6	REMOVE WOOD TRIM, BREAK METAL SILL, AND FASTENERS COMPLETE. MC TO DISCONNECT UV. REMOVE EXISTING UV COMPLETE. CLEAN ANY ASBESTOS CONTAINING MATERIALS FROM UV AND TURN OVER TO MC FOR DISPOSAL OF AS UNIVERSAL WASTE.
H7	REMOVE EXISTING WINDOW, FRAMING, AND LOUVER SYSTEM COMPLETE.
H8	GYPSUM WALL BOARD AND JOINT COMPOUND ARE ASBESTOS CONTAINING. PROVIDE WOOD BLOCKING FOR THERMOSTAT AND RACEWAY, COORDINATE WITH MC.

ABATEMENT LEGEND :

▨	REMOVE EXISTING FLOORING, MASTIC, WALL BASE (IF PRESENT), AND THRESHOLD (IF PRESENT) TO STRUCTURAL FLOOR SLAB AS ASBESTOS CONTAINING BUILDING MATERIALS.



FIRST FLOOR KEY PLAN

NO SCALE

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Consultant

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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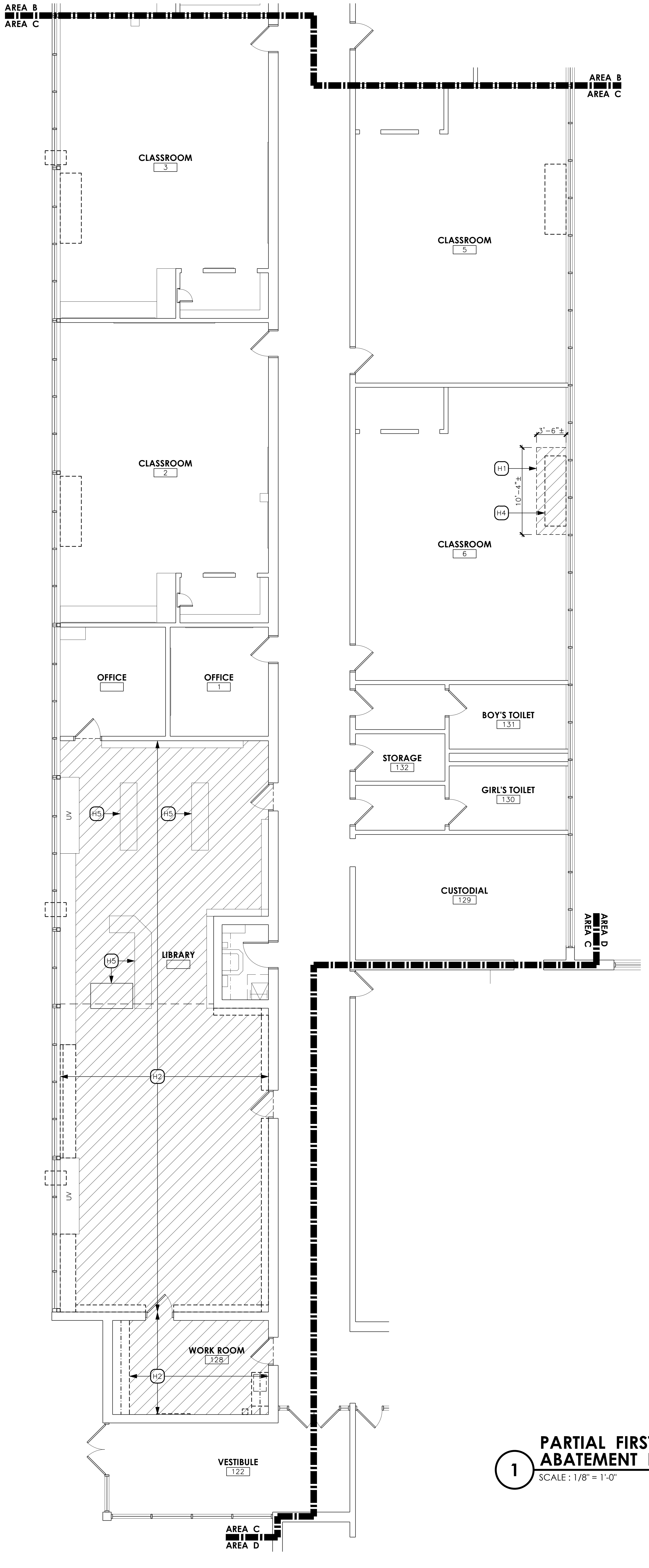
2/01/2021

Drawing Title :
PARTIAL FIRST FLOOR
ABATEMENT PLAN - AREA B

HILLCREST ELEMENTARY

APN : 1901.2
Date : 10/02/2020
Drawn by : AV

Drawing Number :
AH
D01



1 **PARTIAL FIRST FLOOR ABATEMENT PLAN - AREA C**

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

GENERAL ABATEMENT PLAN NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56 AND SPECIFICATIONS. ALL MATERIALS ARE TO BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56
2. DISPOSE OF ALL MATERIALS TO BE REMOVED AS ASBESTOS CONTAINING BUILDING MATERIAL (ACBM), UNLESS NOTED OTHERWISE
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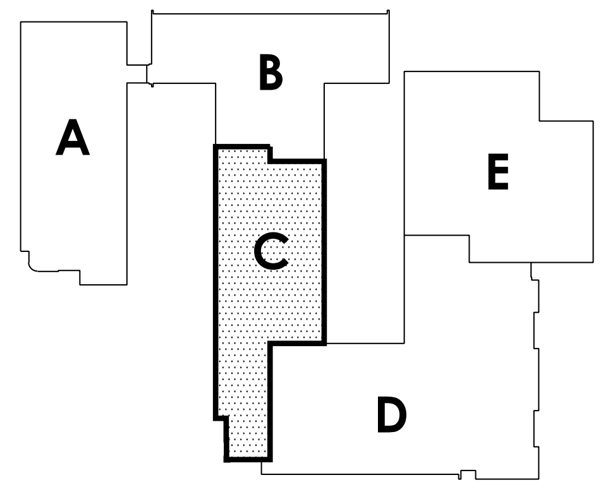
4. FIELD VERIFY DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES
5. ASBESTOS ABATEMENT CONTRACTOR TO REFER TO THE ASBESTOS CONTAINING SURVEY IN THE SPECIFICATIONS FOR ADDITIONAL INFORMATION
6. ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TYING UP ALL DEVICES TO EXISTING STRUCTURE ABOVE DURING REMOVALS INCLUDING ALL FIRE ALARM, SPEAKERS, EMERGENCY EXIT LIGHTING, SECURITY CAMERAS, ETC.
7. ABATEMENT TO INCLUDE COMPLETE REMOVALS OF ALL FASTENERS, ADHESIVES AND RELATED ITEMS COMPLETELY DOWN TO SUBSTRATE
8. REMOVE PORTIONS OF CEILING, WALL, SOFFIT, ETC. AS REQUIRED FOR COMPLETE REMOVAL OF ACBM. DISPOSE OF AS ASBESTOS CONTAINING BUILDING MATERIALS UNLESS NOTED OTHERWISE. SEE DEMOLITION PLANS FOR EXTENT OF ITEMS THAT ARE EXISTING TO REMAIN, OR SCHEDULED FOR DEMOLITION. PATCH ALL SURFACES THAT ARE EXISTING TO REMAIN TO MATCH EXISTING ADJACENT, OR AS REQUIRED FOR INSTALLATION OF NEW WORK. AT ITEMS/AREAS SCHEDULED FOR DEMOLITION IT IS NOT NECESSARY TO PATCH OPENINGS REQUIRED FOR ABATEMENT, UNLESS LEAVING THE OPENING WOULD CREATE AN UNSAFE CONDITION FOR OTHER WORKERS
9. KEYNOTES AND HATCHES INDICATE APPROXIMATE AREAS, ELEVATIONS, ETC OF SPECIFIC ITEMS TO BE REMOVED. THE INTENT IS FOR ALL OF THE TYPE OF ACBM MATERIAL IDENTIFIED WITH A KEYNOTE TO BE REMOVED IN THE ENTIRE SPACE, EVEN IF SAID MATERIAL FALLS OUTSIDE OF THE HATCHED AREA OR IS OF A DIFFERENT SIZE OR ELEVATION INDICATED
10. AT SITE OF ACBM REMOVALS – SCRAPE, CLEAN, AND SEAL OR ENCAPSULATE ADJACENT ACBM IN PREPARATION FOR THE WORK OF OTHER TRADES, TYPICAL.

ABATEMENT KEYNOTES :

H1	MASTIC IS ASBESTOS CONTAINING. REMOVE PORTION OF EXISTING RESILIENT FLOOR TILE, MASTIC, AND WALL BASE (IF PRESENT) TO STRUCTURAL FLOOR SLAB AS ASBESTOS CONTAINING BUILDING MATERIALS. REMOVE VCT TO NEAREST FULL TILE. NEW UV WILL BE LARGER THAN EXISTING, COORDINATE EXTENT REMOVALS REQUIRED TO ACCOMMODATE SIZE OF NEW UV WITH MC. WHERE HAZARDOUS MATERIALS REPORTS INDICATES THAT ROOMS HAVE TWO LAYERS OF FLOORING, REMOVE BOTH LAYERS TO STRUCTURAL FLOOR SLAB.
H2	MASTIC IS ASBESTOS CONTAINING. REMOVE EXISTING CARPET, MASTIC, WALL BASE, AND THRESHOLDS TO STRUCTURAL FLOOR SLAB AS ASBESTOS CONTAINING BUILDING MATERIALS. OWNER TO REMOVE LOOSE FURNITURE AND EQUIPMENT, UNLESS OTHERWISE INDICATED.
H3	REMOVE PORTION OF GYPSUM WALL AND SOFFIT AS ASBESTOS CONTAINING BUILDING MATERIALS. ENCAPSULATE EXPOSED ENDS OF GWB AS REQUIRED FOR INSTALLATION OF NEW WORK, SEE 2/AHD03. REMOVE EXISTING WINDOW SYSTEM AND SEALANT COMPLETE.
H4	REMOVE EXISTING UV COMPLETE. CLEAN ANY ASBESTOS CONTAINING MATERIALS FROM UV AND TURN OVER TO MC FOR DISPOSAL OF AS UNIVERSAL WASTE. UV DISCONNECT BY OTHERS.
H5	RELOCATE LOOSE FURNITURE AS REQUIRED TO PERFORM ABATEMENT WORK.
H6	REMOVE WOOD TRIM, BREAK METAL SILL, AND FASTENERS COMPLETE. MC TO DISCONNECT UV. REMOVE EXISTING UV COMPLETE. CLEAN ANY ASBESTOS CONTAINING MATERIALS FROM UV AND TURN OVER TO MC FOR DISPOSAL OF AS UNIVERSAL WASTE.
H7	REMOVE EXISTING WINDOW, FRAMING, AND LOUVER SYSTEM COMPLETE.
H8	GYPSUM WALL BOARD AND JOINT COMPOUND ARE ASBESTOS CONTAINING. PROVIDE WOOD BLOCKING FOR THERMOSTAT AND RACEWAY, COORDINATE WITH MC.

ABATEMENT LEGEND :

▨	REMOVE EXISTING FLOORING, MASTIC, WALL BASE (IF PRESENT), AND THRESHOLD (IF PRESENT) TO STRUCTURAL FLOOR SLAB AS ASBESTOS CONTAINING BUILDING MATERIALS.



FIRST FLOOR KEY PLAN

NO SCALE

N

MOSAIC ASSOCIATES

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The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

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Consultant

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S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

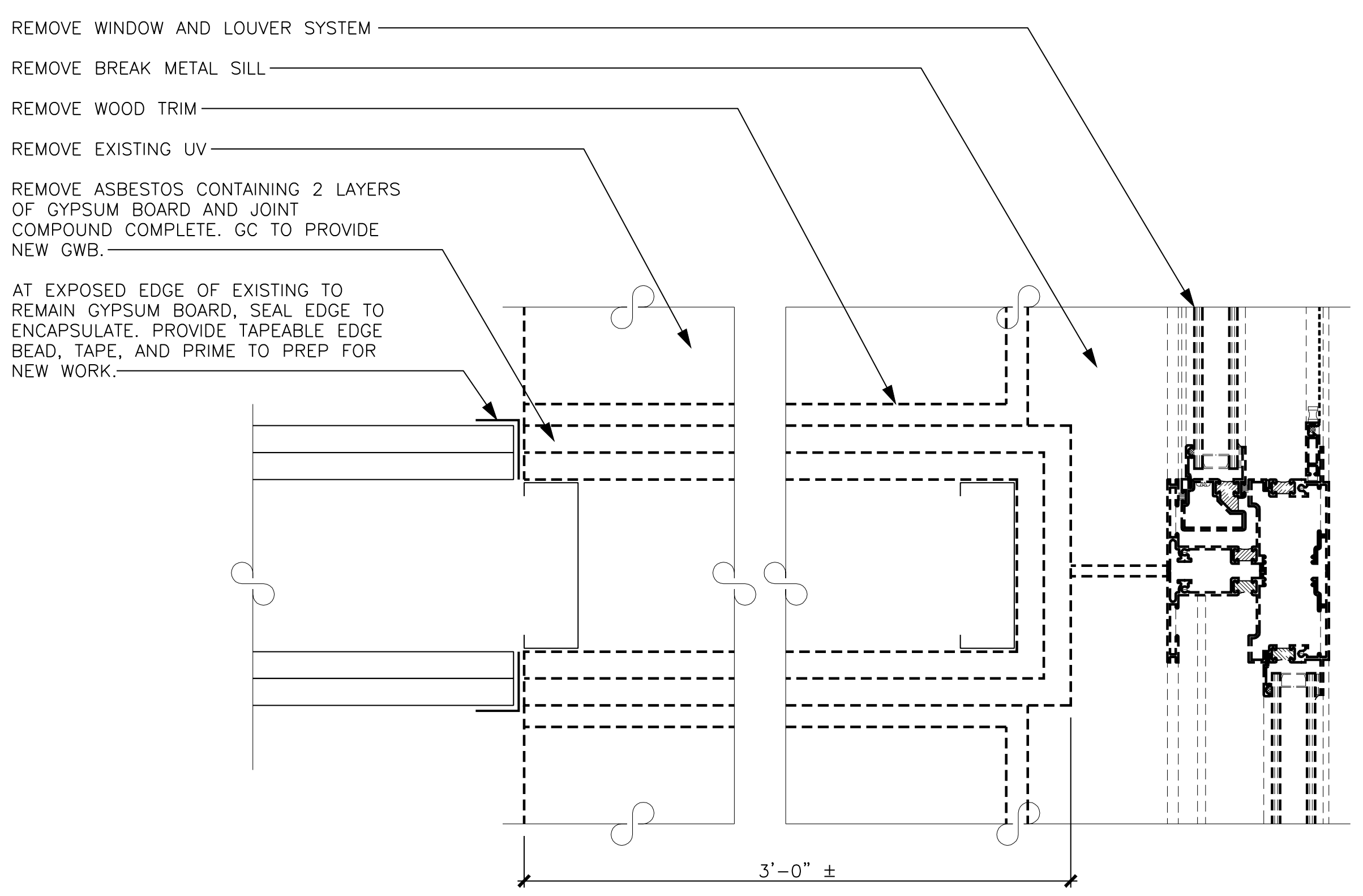
Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
PARTIAL FIRST FLOOR
ABATEMENT PLAN - AREA C

HILLCREST ELEMENTARY

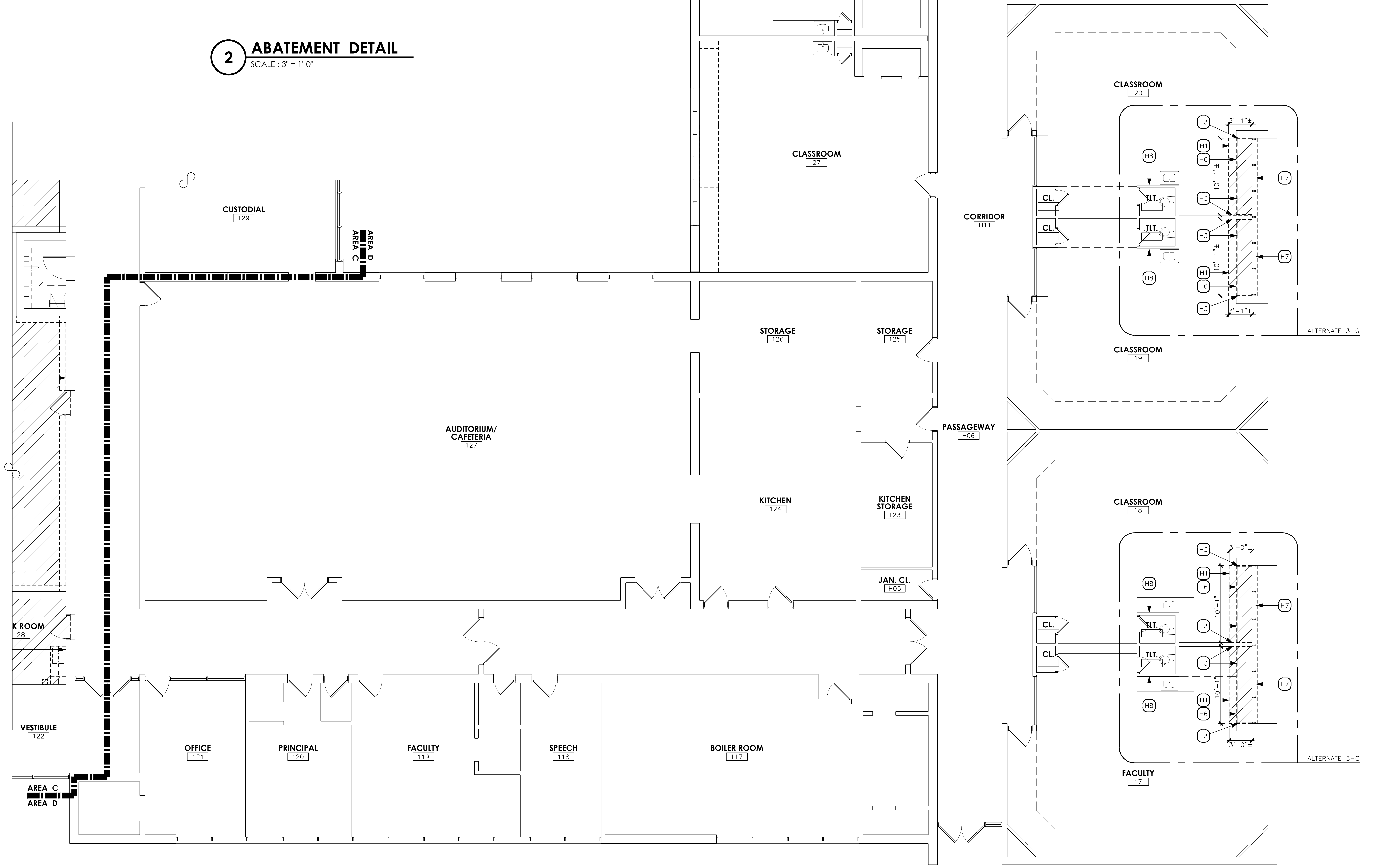
APN : 1901.2
Date : 10/02/2020
Drawn by : AV

Drawing Number :
AH D02


REMOVE WINDOW AND LOUVER SYSTEM
REMOVE BREAK METAL SILL
REMOVE WOOD TRIM
REMOVE EXISTING UV
REMOVE ASBESTOS CONTAINING 2 LAYERS OF GYPSUM BOARD AND JOINT COMPOUND COMPLETE. GC TO PROVIDE NEW GWB.
AT EXPOSED EDGE OF EXISTING TO REMAIN GYPSUM BOARD, SEAL EDGE TO ENCAPSULATE. PROVIDE TAPEABLE EDGE BEAD, TAPE, AND PRIME TO PREP FOR NEW WORK.
3'-0" ±

2 ABATEMENT DETAIL

SCALE : 3" = 1'-0"



1 PARTIAL FIRST FLOOR ABATEMENT PLAN - AREA D

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

GENERAL ABATEMENT PLAN NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56 AND SPECIFICATIONS. ALL MATERIALS ARE TO BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56
2. DISPOSE OF ALL MATERIALS TO BE REMOVED AS ASBESTOS CONTAINING BUILDING MATERIAL (ACBM), UNLESS NOTED OTHERWISE
3. EXACT EXTENTS AND LOCATIONS OF REMOVALS SHALL BE DETERMINED IN THE FIELD. COORDINATE ABATEMENT WITH OTHER PRIME CONTRACTORS AS REQUIRED
4. FIELD VERIFY DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES
5. ASBESTOS ABATEMENT CONTRACTOR TO REFER TO THE ASBESTOS CONTAINING SURVEY IN THE SPECIFICATIONS FOR ADDITIONAL INFORMATION
6. ASBESTOS CONTRACTOR IS RESPONSIBLE FOR TYING UP ALL DEVICES TO EXISTING STRUCTURE ABOVE DURING REMOVALS INCLUDING ALL FIRE ALARM, SPEAKERS, EMERGENCY EXIT LIGHTING, SECURITY CAMERAS, ETC.
7. ABATEMENT TO INCLUDE COMPLETE REMOVALS OF ALL FASTENERS, ADHESIVES AND RELATED ITEMS COMPLETELY DOWN TO SUBSTRATE
8. REMOVE PORTIONS OF CEILING, WALL, SOFFIT, ETC. AS REQUIRED FOR COMPLETE REMOVAL OF ACBM. DISPOSE OF AS ASBESTOS CONTAINING BUILDING MATERIALS UNLESS NOTED OTHERWISE. SEE DEMOLITION PLANS FOR EXTENT OF ITEMS THAT ARE EXISTING TO REMAIN, OR SCHEDULED FOR DEMOLITION. PATCH ALL SURFACES THAT ARE EXISTING TO REMAIN TO MATCH EXISTING ADJACENT, OR AS REQUIRED FOR INSTALLATION OF NEW WORK. AT ITEMS/AREAS SCHEDULED FOR DEMOLITION IT IS NOT NECESSARY TO PATCH OPENINGS REQUIRED FOR ABATEMENT, UNLESS LEAVING THE OPENING WOULD CREATE AN UNSAFE CONDITION FOR OTHER WORKERS
9. KEYNOTES AND HATCHES INDICATE APPROXIMATE AREAS, ELEVATIONS, ETC OF SPECIFIC ITEMS TO BE REMOVED. THE INTENT IS FOR ALL OF THE TYPE OF ACBM MATERIAL IDENTIFIED WITH A KEYNOTE TO BE REMOVED IN THE ENTIRE SPACE, EVEN IF SAID MATERIAL FALLS OUTSIDE OF THE HATCHED AREA OR IS OF A DIFFERENT SIZE OR ELEVATION INDICATED
10. AT SITE OF ACBM REMOVALS – SCRAPE, CLEAN, AND SEAL OR ENCAPSULATE ADJACENT ACBM IN PREPARATION FOR THE WORK OF OTHER TRADES, TYPICAL.

ABATEMENT KEYNOTES :

H1	MASTIC IS ASBESTOS CONTAINING. REMOVE PORTION OF EXISTING RESILIENT FLOOR TILE, MASTIC, AND WALL BASE (IF PRESENT) TO STRUCTURAL FLOOR SLAB AS ASBESTOS CONTAINING BUILDING MATERIALS. REMOVE VCT TO NEAREST FULL TILE. NEW UV WILL BE LARGER THAN EXISTING, COORDINATE EXTENT REMOVALS REQUIRED TO ACCOMMODATE SIZE OF NEW UV WITH MC. WHERE HAZARDOUS MATERIALS REPORTS INDICATES THAT ROOMS HAVE TWO LAYERS OF FLOORING, REMOVE BOTH LAYERS TO STRUCTURAL FLOOR SLAB.
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H5	RELOCATE LOOSE FURNITURE AS REQUIRED TO PERFORM ABATEMENT WORK.
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ABATEMENT LEGEND :

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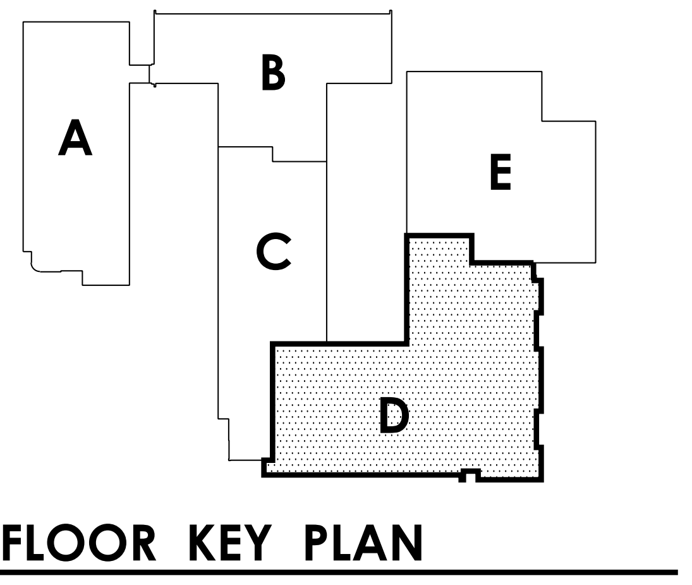

FIRST FLOOR KEY PLAN

NO SCALE

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Consultant

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

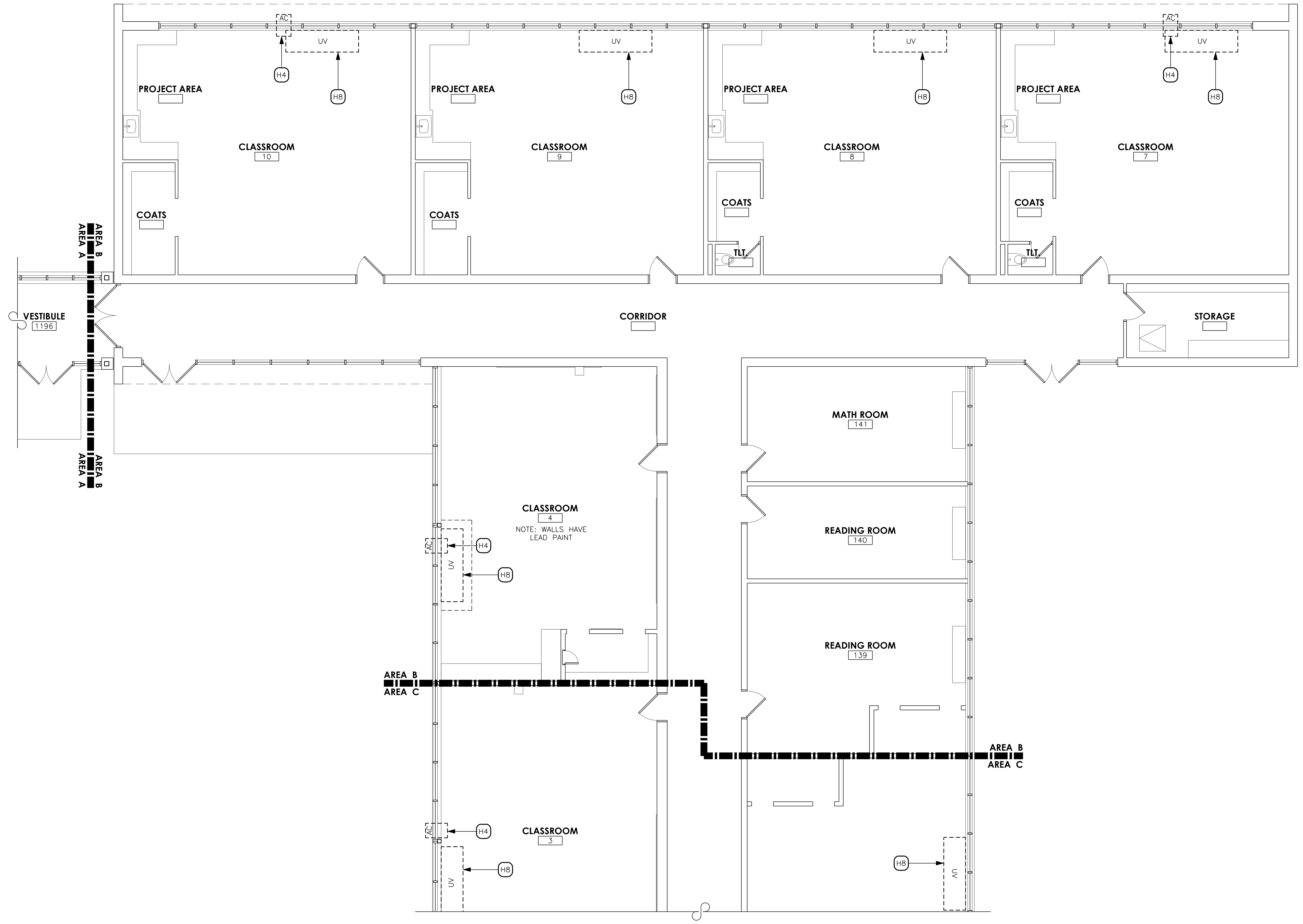
Drawing Title :
PARTIAL FIRST FLOOR
ABATEMENT PLAN - AREA D

HILLCREST ELEMENTARY

APN : 1901.2
Date : 10/02/2020
Drawn by : AV

Drawing Number :

AH D03



1 PARTIAL FIRST FLOOR DEMO PLAN - AREA B

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

GENERAL DEMOLITION PLAN NOTES

1. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND ASBESTOS DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE REMOVALS WITH ALL OTHER CONTRACTORS
2. MAINTAIN INTEGRITY OF ITEMS THAT ARE TO REMAIN. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO MATCH EXISTING ADJACENT SURFACES
3. COORDINATE EXTENT OF SELECTIVE DEMOLITION WITH NEW WORK
4. PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED PRIOR TO COMMENCING DEMOLITION. DO NOT DAMAGE OR DISTURB EXISTING STRUCTURAL ELEMENTS THAT ARE TO REMAIN. WHERE WALLS ARE TO BE REMOVED, DO NOT REMOVE EXISTING COLUMNS, UNLESS NOTED OTHERWISE. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON REMOVALS OF STRUCTURAL ELEMENTS
5. REMOVE ALL CASEWORK, BOARDS, ACCESSORIES, PROJECTION SCREENS, AND ITEMS BUILT IN OR LOCATED ON WALLS SHOWN TO BE DEMOLISHED OR AS REQUIRED BY NEW CONSTRUCTION
6. PRIOR TO START OF PROJECT, OWNER SHALL REMOVE LOOSE EQUIPMENT SUCH AS FURNITURE, DESKS, CHAIRS, SHELVING, WINDOW AIR CONDITIONERS, ETC.
7. REMOVE CEILING SYSTEM AND SOFFITS IN ALL SPACES SCHEDULED TO RECEIVE NEW CEILING OR WHERE EXPOSED STRUCTURE IS CALLED FOR, UNLESS NOTED OTHERWISE. SEE ROOM FINISH SCHEDULE AND CEILING PLANS
8. REMOVE EXISTING WINDOW TREATMENT INCLUDING BLINDS, SHADES AND CURTAINS WHERE REQUIRED FOR NEW WINDOW TREATMENTS
9. DEMOLITION TO INCLUDE COMPLETE REMOVAL OF ALL FASTENERS, ADHESIVES AND RELATED ITEMS COMPLETELY DOWN TO SUBSTRATE. PATCH SUBSTRATE AS REQUIRED FOR NEW FINISHES. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO BLEND WITH AND MATCH EXISTING ADJACENT SURFACES, OR PROVIDE NEW CONSTRUCTION AS SHOWN

DEMOLITION KEYNOTES :

REFERENCE HILLCREST ELEMENTARY

H1 REMOVE PORTION OF EXISTING SUSPENDED CEILING SYSTEM COMPLETE. PROVIDE ADDITIONAL SUPPORT FOR EXISTING CEILING TO REMAIN AS REQUIRED.

H2 REMOVE EXISTING BUILT–IN BENCH AND COUNTERTOP COMPLETE. ADJACENT COUNTERTOP AND CASEWORK TO REMAIN. CUT EDGE OF COUNTERTOP AT BENCH FLUSH WITH COUNTERTOP TO REMAIN. PATCH WALLS TO ELIMINATE EVIDENCE OF PATCHING AND PREP FOR NEW WORK.

H3 REMOVE EXISTING CASEWORK, BOARDS, BASE, AND TRIM COMPLETE.

H4 REMOVE EXISTING AIR CONDITIONER UNIT, MOUNTING SYSTEM, AND WINDOW PANEL COMPLETE.

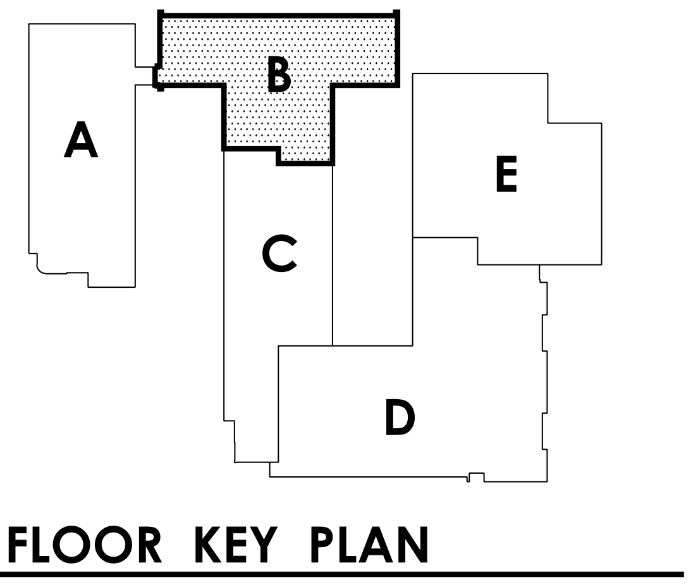
H5 REMOVE EXISTING WALL MOUNTED TV SYSTEM COMPLETE.

H6 MC TO REMOVE EXISTING UV AND BOOKCASES. REMOVE PIPE CHASE COMPLETE, COORDINATE WITH MC.

H7 REMOVE EXISTING CASEWORK, SHELVING, BOARDS, AND ACCESSORIES COMPLETE.

H8 UV TO BE REMOVED BY OTHERS. REMOVE EXISTING LINTEL AND LOUVER. SAWCUT NEW OPENING THROUGH EXTERIOR MASONRY WALL AS REQUIRED FOR NEW LOUVER. COORDINATE REMOVALS WITH ABATEMENT CONTRACTOR AND MC. PROVIDE NEW LINTEL FOR BRICK AND CMU, COORDINATE LOUVER SIZE WITH MC. SEE 2/GH101.

H9 UV TO BE REMOVED BY OTHERS. ABATEMENT CONTRACTOR TO REMOVE EXISTING WINDOW, FRAMING, AND LOUVER SYSTEM COMPLETE. SAWCUT NEW OPENING THROUGH EXTERIOR MASONRY WALL AS REQUIRED FOR NEW WINDOW AND LOUVER SYSTEM. COORDINATE WITH ABATEMENT CONTRACTOR.



FIRST FLOOR KEY PLAN

NO SCALE

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Consultant

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

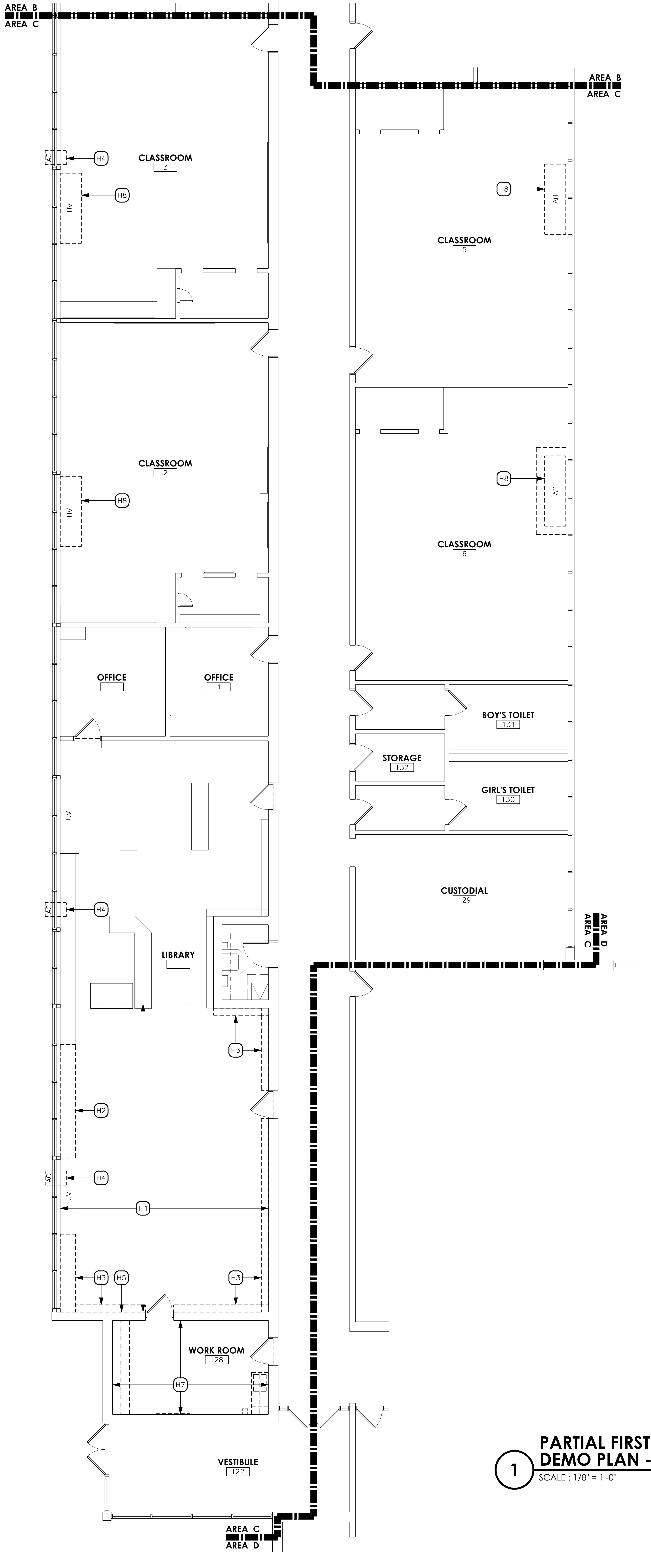
Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
PARTIAL FIRST FLOOR
DEMOLITION PLAN - AREA B

HILLCREST ELEMENTARY

APN : 1901.2
Date : 10/02/2020
Drawn by : JN, BK

Drawing Number :
GH
D01



1 **PARTIAL FIRST FLOOR DEMO PLAN - AREA C**

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

GENERAL DEMOLITION PLAN NOTES

1. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND ASBESTOS DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE REMOVALS WITH ALL OTHER CONTRACTORS
2. MAINTAIN INTEGRITY OF ITEMS THAT ARE TO REMAIN. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO MATCH EXISTING ADJACENT SURFACES
3. COORDINATE EXTENT OF SELECTIVE DEMOLITION WITH NEW WORK
4. PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED PRIOR TO COMMENCING DEMOLITION. DO NOT DAMAGE OR DISTURB EXISTING STRUCTURAL ELEMENTS THAT ARE TO REMAIN. WHERE WALLS ARE TO BE REMOVED, DO NOT REMOVE EXISTING COLUMNS, UNLESS NOTED OTHERWISE. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON REMOVALS OF STRUCTURAL ELEMENTS
5. REMOVE ALL CASEWORK, BOARDS, ACCESSORIES, PROJECTION SCREENS, AND ITEMS BUILT IN OR LOCATED ON WALLS SHOWN TO BE DEMOLISHED OR AS REQUIRED BY NEW CONSTRUCTION
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7. REMOVE CEILING SYSTEM AND SOFFITS IN ALL SPACES SCHEDULED TO RECEIVE NEW CEILING OR WHERE EXPOSED STRUCTURE IS CALLED FOR, UNLESS NOTED OTHERWISE. SEE ROOM FINISH SCHEDULE AND CEILING PLANS
8. REMOVE EXISTING WINDOW TREATMENT INCLUDING BLINDS, SHADES AND CURTAINS WHERE REQUIRED FOR NEW WINDOW TREATMENTS
9. DEMOLITION TO INCLUDE COMPLETE REMOVAL OF ALL FASTENERS, ADHESIVES AND RELATED ITEMS COMPLETELY DOWN TO SUBSTRATE. PATCH SUBSTRATE AS REQUIRED FOR NEW FINISHES. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO BLEND WITH AND MATCH EXISTING ADJACENT SURFACES, OR PROVIDE NEW CONSTRUCTION AS SHOWN

DEMOLITION KEYNOTES :

REFERENCE HILLCREST ELEMENTARY

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H8	UV TO BE REMOVED BY OTHERS. REMOVE EXISTING LINTEL AND LOUVER. SAWCUT NEW OPENING THROUGH EXTERIOR MASONRY WALL AS REQUIRED FOR NEW LOUVER. COORDINATE REMOVALS WITH ABATEMENT CONTRACTOR AND MC. PROVIDE NEW LINTEL FOR BRICK AND CMU, COORDINATE LOUVER SIZE WITH MC. SEE 2/GH101.
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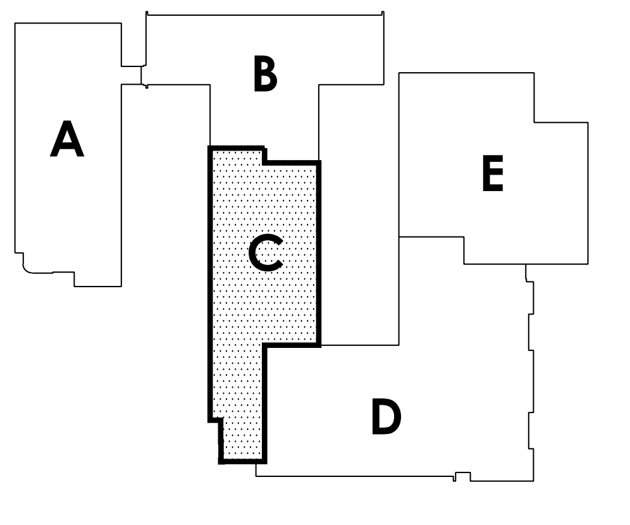

FIRST FLOOR KEY PLAN

NO SCALE

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Phase Two

Peekskill City School District
Peekskill, New York

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2/01/2021

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DEMOLITION PLAN - AREA C

HILLCREST ELEMENTARY

APN : 1901.2
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Drawn by : JN, BK

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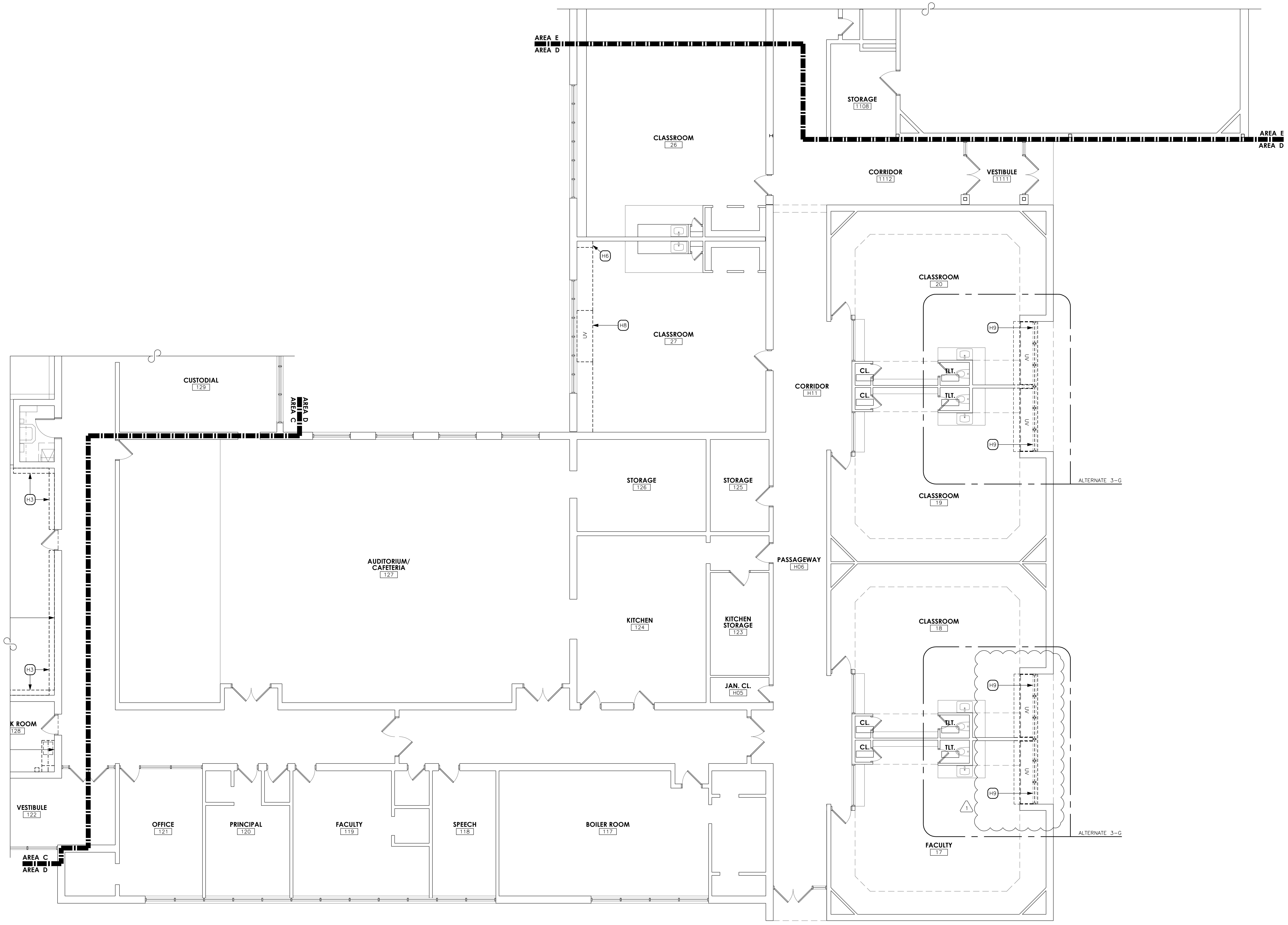
GH D02



1 PARTIAL FIRST FLOOR DEMO PLAN - AREA D

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H6 MC TO REMOVE EXISTING UV AND BOOKCASES. REMOVE PIPE CHASE COMPLETE, COORDINATE WITH MC.

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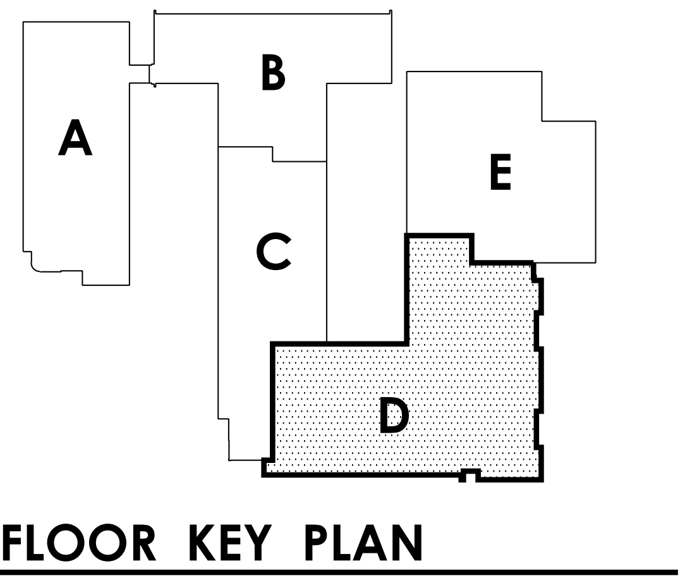
H8 UV TO BE REMOVED BY OTHERS. REMOVE EXISTING LINTEL AND LOUVER. SAWCUT NEW OPENING THROUGH EXTERIOR MASONRY WALL AS REQUIRED FOR NEW LOUVER. COORDINATE REMOVALS WITH ABATEMENT CONTRACTOR AND MC. PROVIDE NEW LINTEL FOR BRICK AND CMU, COORDINATE LOUVER SIZE WITH MC. SEE 2/GH101.

H9 UV TO BE REMOVED BY OTHERS. ABATEMENT CONTRACTOR TO REMOVE EXISTING WINDOW, FRAMING, AND LOUVER SYSTEM COMPLETE. SAWCUT NEW OPENING THROUGH EXTERIOR MASONRY WALL AS REQUIRED FOR NEW WINDOW AND LOUVER SYSTEM. COORDINATE WITH ABATEMENT CONTRACTOR.



FIRST FLOOR KEY PLAN

NO SCALE

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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MOSAIC
ASSOCIATES

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Consultant

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

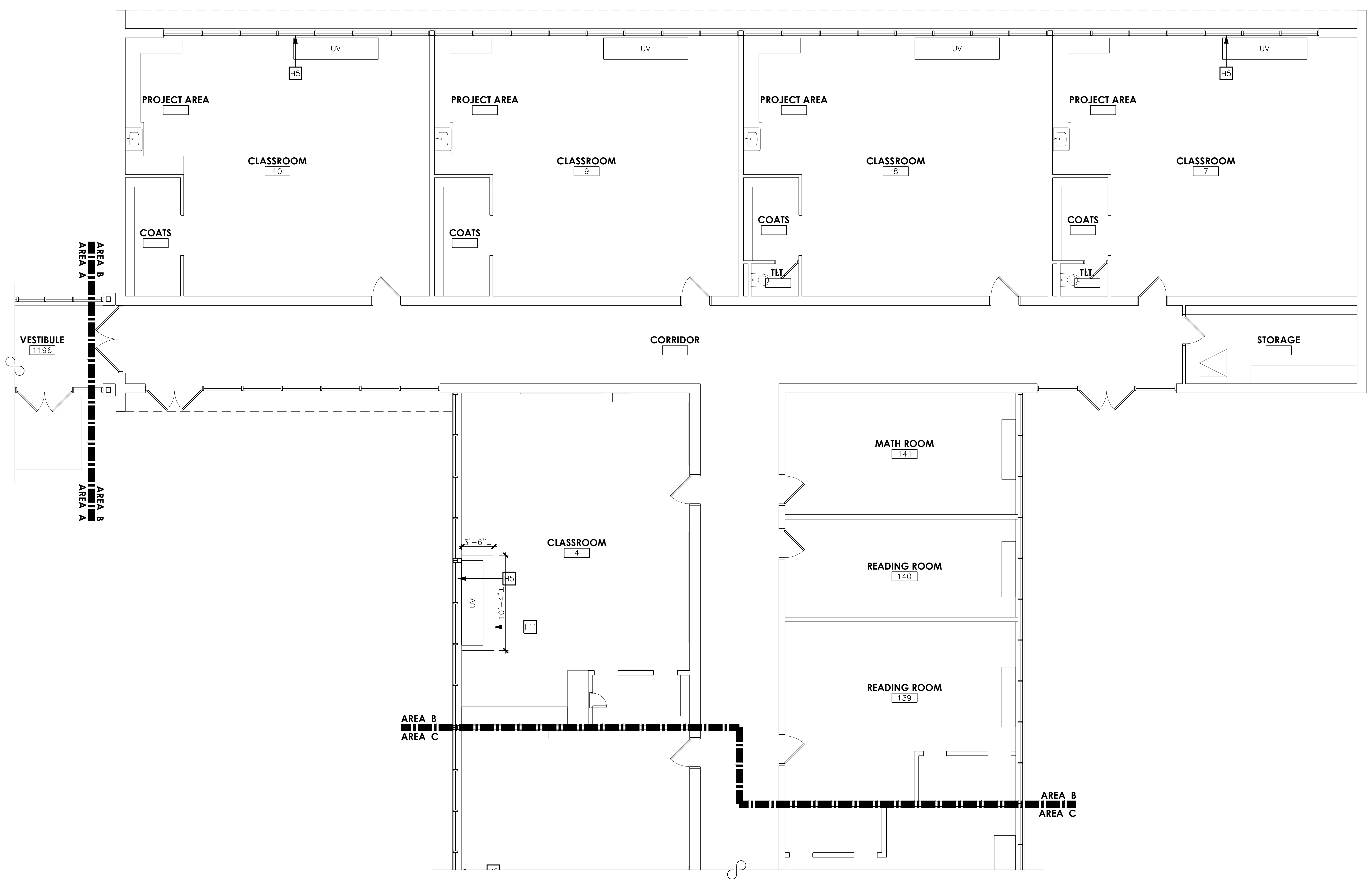
Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
PARTIAL FIRST FLOOR
DEMOLITION PLAN - AREA D

HILLCREST ELEMENTARY

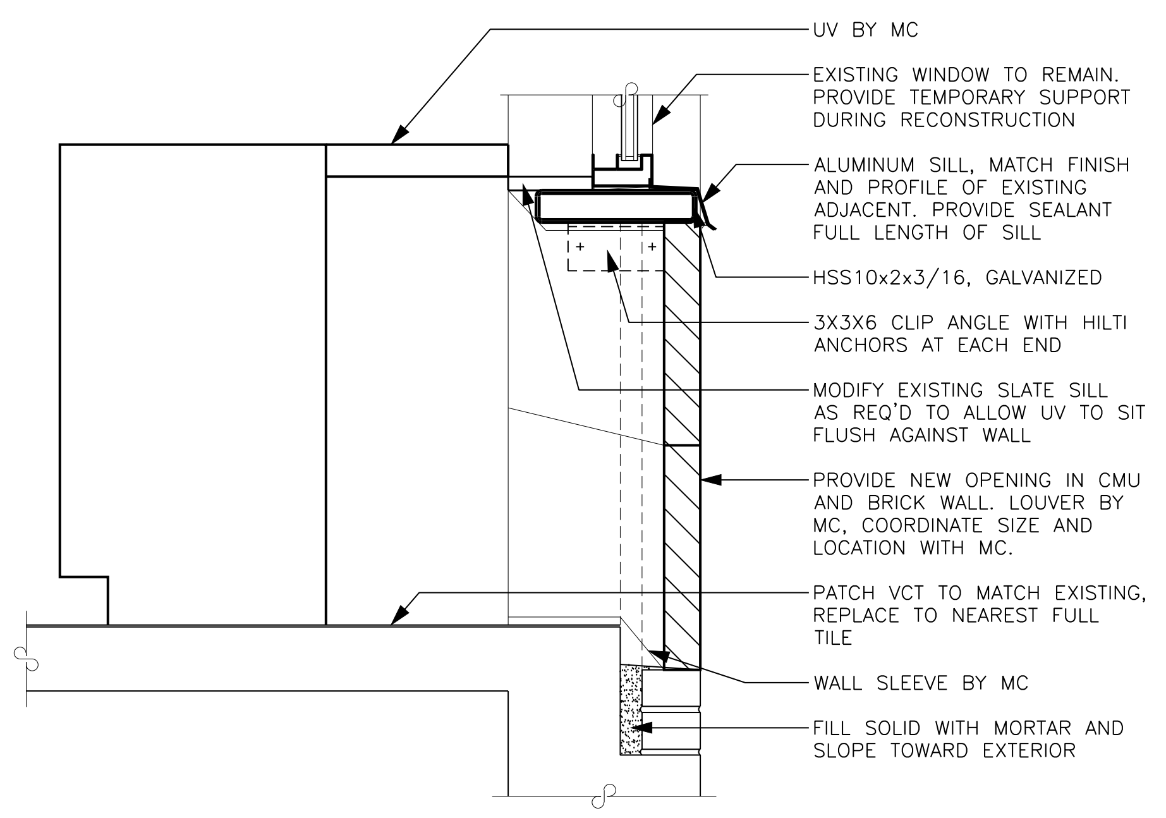
APN : 1901.2
Date : 10/02/2020
Drawn by : JN, BK

Drawing Number :
GH
D03



① PARTIAL FIRST FLOOR PLAN - AREA B

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


UV BY MC
EXISTING WINDOW TO REMAIN. PROVIDE TEMPORARY SUPPORT DURING RECONSTRUCTION
ALUMINUM SILL, MATCH FINISH AND PROFILE OF EXISTING ADJACENT. PROVIDE SEALANT FULL LENGTH OF SILL
HSS10x2x3/16, GALVANIZED
3X3X6 CLIP ANGLE WITH HILTI ANCHORS AT EACH END
MODIFY EXISTING SLATE SILL AS REQ'D TO ALLOW UV TO SIT FLUSH AGAINST WALL
PROVIDE NEW OPENING IN CMU AND BRICK WALL. LOUVER BY MC, COORDINATE SIZE AND LOCATION WITH MC.
PATCH VCT TO MATCH EXISTING, REPLACE TO NEAREST FULL TILE
WALL SLEEVE BY MC
FILL SOLID WITH MORTAR AND SLOPE TOWARD EXTERIOR

② WALL SECTION AT NEW UNIT VENITLATOR

SCALE : 1"=1'-0"

NOTES:
1. MC TO REMOVE AN EXISTING LOUVER AND PORTION OF WALL SLEEVE TO VERIFY WALL CONSTRUCTION. GC TO COORDINATE WITH MC TO VERIFY EXISTING CONDITIONS.

2. DETAIL APPLIES TO ALL ROOMS EXCEPT THOSE LISTED BELOW:
   A. FOR ROOM 27, REFER TO LINTEL SCHEDULE ON S102

   B. FOR ROOMS 17, 18, 19, AND 20, REFER TO WINDOW DETAILS ON GH701

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS	CEILING	REMARKS
	STEAM EXPLORATION CENTER	BY OWNER	BY OWNER	PT / MB PT	APC	PROVIDE MARKERBOARD PAINT, SEE PLANS FOR LOCATIONS.
2	**CLASSROOM**	PME	PME	PME	EXR	
3	**CLASSROOM**	PME	PME	PME	EXR	
4	**CLASSROOM**	PME	PME	PME	EXR	
7	**CLASSROOM**	PME	PME	PME	EXR	
8	**CLASSROOM**	PME	PME	PME	EXR	
9	**CLASSROOM**	PME	PME	PME	EXR	
10	**CLASSROOM**	PME	PME	PME	EXR	
106	**CLASSROOM**	PME	PME	PME	EXR	
128	**WORKROOM**	BY OWNER	BY OWNER	PT	APC	
135	**CLASSROOM**	PME	PME	PME	EXR	
137	**CLASSROOM**	PME	PME	PME	EXR	
H01	**CLASSROOM**	PME	PME	PME	EXR	
H02	**CLASSROOM**	PME	PME	PME	EXR	
ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS	CEILING	REMARKS

ROOM FINISH ABBREVIATIONS

APC = ACOUSTICAL PANEL CEILING SYSTEM
EXR = EXISTING TO REMAIN
PME = PATCH AND FINISH TO MATCH EXISTING ADJACENT
PT = PAINT

ROOM FINISH NOTES

1. AT ALL AREAS DISTURBED BY CONSTRUCTION, PATCH AND REFINISH TO MATCH EXISTING ADJACENT FINISHES.
2. CLEAN, PATCH AND PREPARE EXISTING SUBSTRATES TO RECEIVE NEW FINISHES. COMPLY WITH MANUFACTURER'S REQUIREMENTS FOR PREPARATION AND INSTALLATION OF ALL FINISHES. VERIFY PROPER ENVIRONMENTAL CONDITIONS AND SUBSTRATE CONDITIONS PRIOR TO INSTALLATION.
3. PROVIDE TYPICAL BASE AT ALL CASEWORK.
4. PAINT ALL NEW WORK EXCEPT PRE FINISHED ITEMS, TYPICAL.
5. AT CHANGE OF FLOOR MATERIALS, PROVIDE RUBBER OR METAL TRANSITION TRIM, UNLESS OTHERWISE NOTED.
6. AT DOOR OPENINGS, CENTER CHANGE IN FLOOR FINISH (EITHER IN TYPE OR COLOR) UNDER DOOR IN CLOSED POSITION.
7. UNDER ALL HANDICAP ACCESSIBLE SINK BASE CABINETRY, PROVIDE FINISH FLOOR, BASE AND FINISH EXPOSED WALL SURFACES TO MATCH ROOM WALL FINISHES, TYPICAL.
8. SEE CEILING PLANS FOR CEILING HEIGHTS AND ADDITIONAL INFORMATION.
9. SEE FLOOR TILE LAYOUT DRAWINGS (IF ISSUED) FOR ADDITIONAL INFORMATION.

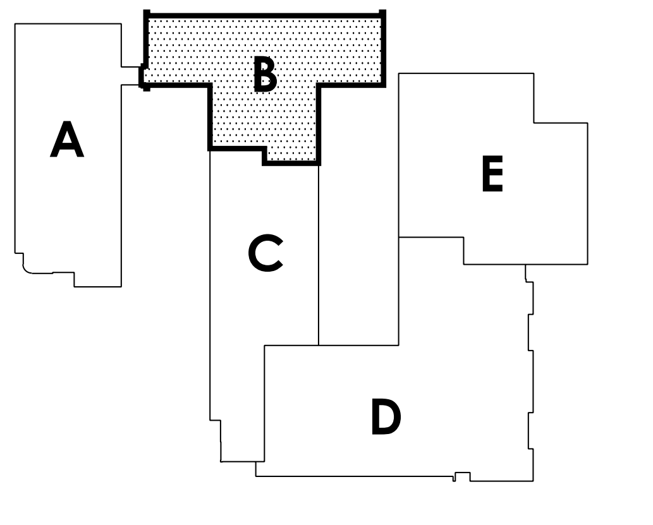
GENERAL FLOOR PLAN NOTES

1. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO PROCEEDING WITH WORK. IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCY. ADJUST DIMENSIONS OF NEW WORK AS REQUIRED BY THE ARCHITECT
2. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS, UNLESS NOTED OTHERWISE
3. GC SHALL COORDINATE ALL MECHANICAL CHASES AND WALL OPENINGS WITH EC, MC, AND PC GC SHALL PROVIDE ALL OPENINGS AND LINTELS AS REQUIRED. COORDINATE MASONRY OPENING SIZES AND DETAILS FOR LOUVERS WITH MC
4. ALL NEW SINKS TO BE PROVIDED BY PC
5. RESTORE EXPOSED FINISHES OF ADJACENT AREAS AND EXTEND FINISHES INTO ADJOINING CONSTRUCTION TO REMAIN IN THE MANNER THAT ELIMINATES EVIDENCE OF PATCHING AND REFINISHING
6. AT EXISTING AREAS TO BE PATCHED OR REPAIRED; DRAWING DESIGNATION (IF ANY) OF AREA IS ONLY AN APPROXIMATION. MODIFY THE AREA AS REQUIRED TO COMPLETE THE WORK, TYPICAL

FLOOR PLAN KEYNOTES

REFERENCE HILLCREST ELEMENTARY

H1	PROVIDE NEW BUILT-IN CASEWORK. SEE 3/GH102 FOR ADDITIONAL INFORMATION.
H2	PROVIDE LEVEL 5 FINISH. PAINT WALL FLOOR TO CEILING WITH DRY ERASE COATING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
H3	PROVIDE NEW EDGE BANDING ON EXISTING LAMINATE COUNTERTOP, MATCH EXISTING. PROVIDE NEW WOOD END PANEL, MATCH EXISTING.
H4	PROVIDE NEW PIPE CHASE FOR NEW UV PIPING, COORDINATE SIZE AND LOCATION WITH MC.
H5	PROVIDE 1" THICK INSULATED METAL WINDOW PANEL SYSTEM, "MAPES-R" BY MAPES INDUSTRIES OR EQUAL. VERIFY EXISTING OPENING AND MATCH EXISTING FINISH. PATCH HOLES IN FRAMING TO MATCH FRAMING.
H6	PROVIDE WB MANUFACTURING LLC HIGH DENSITY STORAGE UNITS MODEL #SSHD7000 OR EQUAL, FINISH TO BE SELECTED BY ARCHITECT FROM FULL RANGE OF PREMIUM FINISHES.
H7	PAINT EXISTING HOLLOW METAL DOOR AND FRAME.
H8	PAINT EXISTING HOLLOW METAL DOOR FRAME.
H9	PROVIDE 5/8" IMPACT RESISTANT GYPSUM WALL BOARD WHERE REMOVED DURING ABATEMENT. FINISH TO ELIMINATE EVIDENCE OF PATCHING.
H10	PROVIDE BLOCKING FOR MONITOR AND PROJECTOR SCREEN. COORDINATE WITH OWNER AND EC.
H11	PREP SUBSTRATE AND PROVIDE NEW FLOORING AND BASE AT ABATEMENT REMOVALS. AT AREAS WHERE (2) LAYERS OF FLOORING WERE REMOVED, PROVIDE LEVELING COMPOUND OR (2) LAYERS OF NEW FLOORING SO THAT NEW FLOORING IS FLUSH WITH EXISTING ADJACENT.



FIRST FLOOR KEY PLAN

NO SCALE

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Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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2/01/2021

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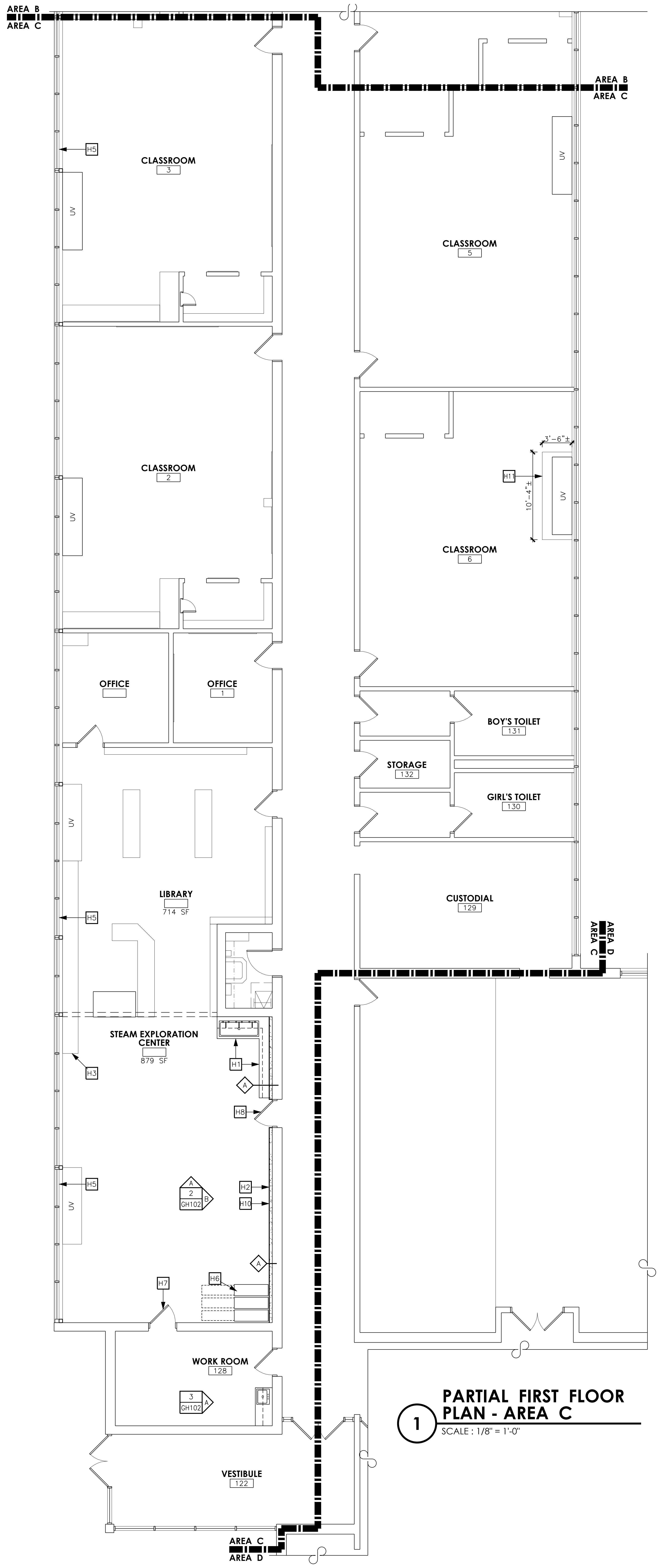
PARTIAL FIRST FLOOR
PLAN - AREA B AND FINISH
SCHEDULE
HILLCREST ELEMENTARY

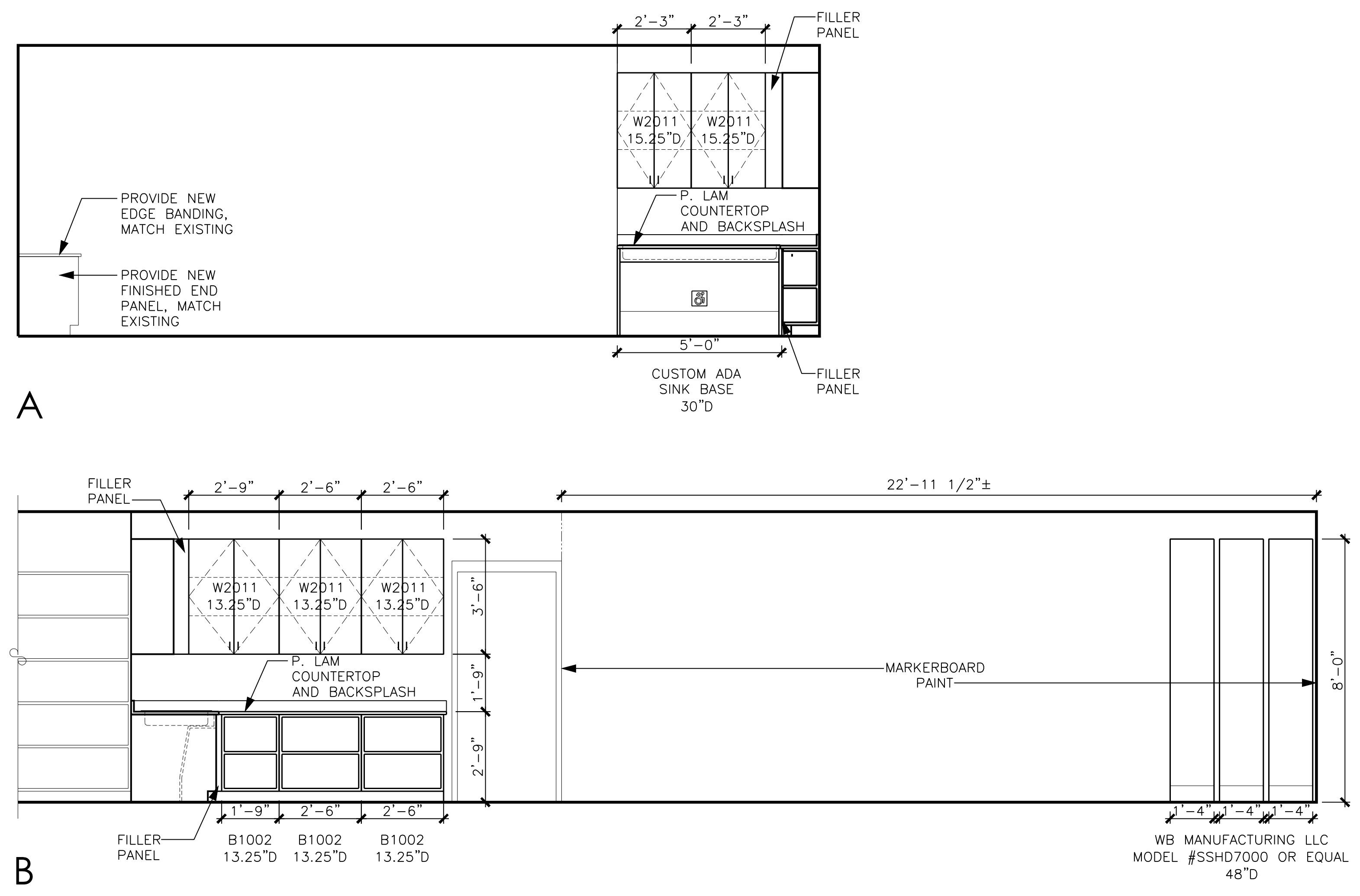
APN : 1901.2
Date : 10/02/2020
Drawn by : JN, BK

Drawing Number :
GH
101



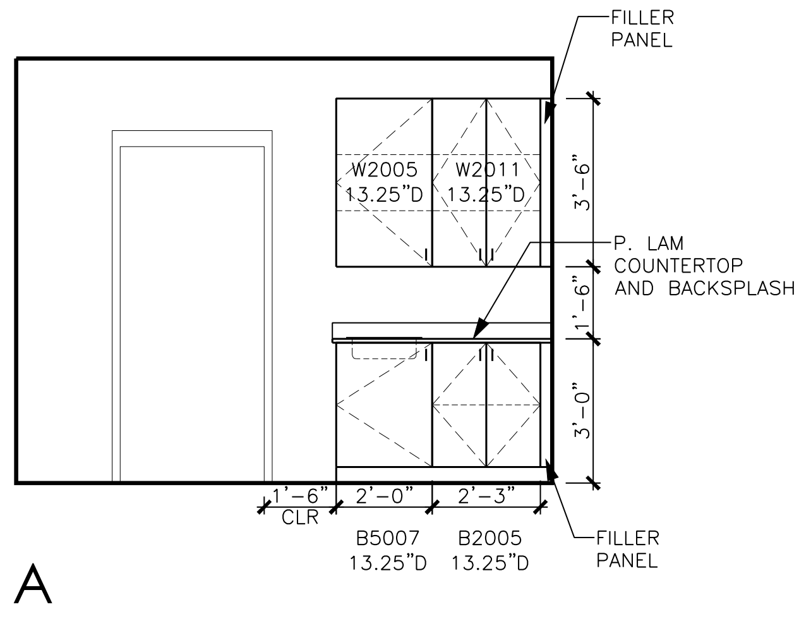
1 PARTIAL FIRST FLOOR PLAN - AREA C

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


A
B
2'-3"
2'-3"
FILLER PANEL
W2011 15.25"D
W2011 15.25"D
P. LAM COUNTERTOP AND BACKSPLASH
PROVIDE NEW EDGE BANDING, MATCH EXISTING
PROVIDE NEW FINISHED END PANEL, MATCH EXISTING
5'-0"
CUSTOM ADA SINK BASE 30"D
2'-9"
2'-6"
2'-6"
22'-11 1/2"±
W2011 13.25"D
MARKERBOARD PAINT
3'-6"
1'-9"
2'-9"
8'-0"
1'-9"
B1002 13.25"D
B1002 13.25"D
B1002 13.25"D
1'-4"
WB MANUFACTURING LLC MODEL #SSHD7000 OR EQUAL 48"D

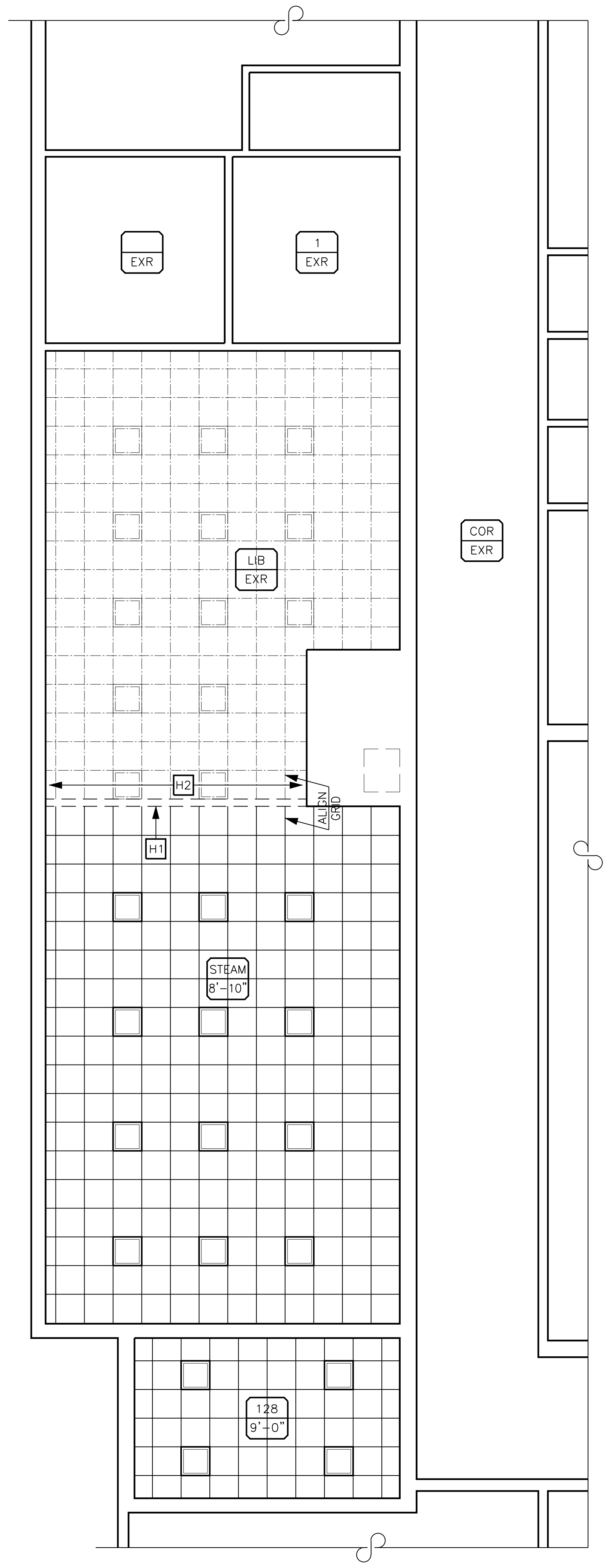
2 INTERIOR ELEVATIONS - STEAM EXPLORATION CENTER

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



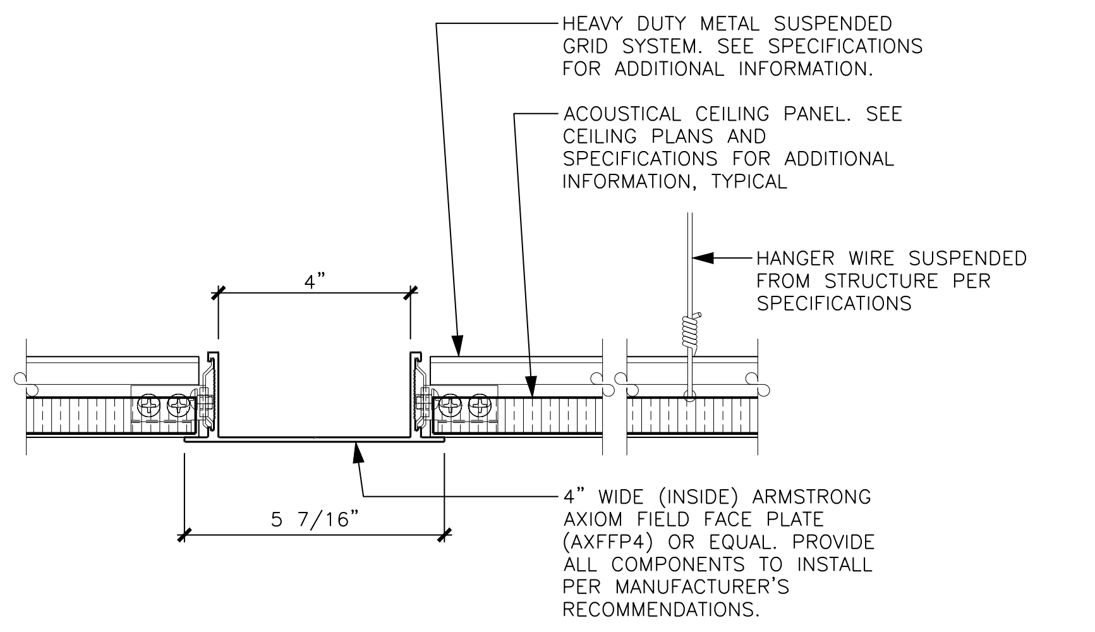
3 INTERIOR ELEVATIONS - 128

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



4 PARTIAL REFLECTED CEILING PLAN - AREA C

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


HEAVY DUTY METAL SUSPENDED GRID SYSTEM. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
ACOUSTICAL CEILING PANEL. SEE CEILING PLANS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION, TYPICAL
HANGER WIRE SUSPENDED FROM STRUCTURE PER SPECIFICATIONS
4"
5 7/16"
4" WIDE (INSIDE) ARMSTRONG AXIOM FIELD FACE PLATE (AXFFP4) OR EQUAL. PROVIDE ALL COMPONENTS TO INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

5 CEILING DETAIL

SCALE : 3" = 1'-0"

CASEWORK SCHEDULE

MANUFACTURER	MODEL	DESCRIPTION	REMARKS
WOOD–METAL INDUSTRIES	B1002	OPEN BASE – 2 DOOR, 1 ADJ SHELF	
WOOD–METAL INDUSTRIES	B2005	BASE CABINET – 1 DOOR, 1 ADJ SHELF	
WOOD–METAL INDUSTRIES	B5007	SINK BASE – 1 DOOR	COORDINATE WITH PC
WOOD–METAL INDUSTRIES	CUSTOM	CUSTOM ADA SINK BASE	COORDINATE WITH PC
WOOD–METAL INDUSTRIES	W2005	WALL CABINET – 1 DOOR, 2 ADJ SHELVES	
WOOD–METAL INDUSTRIES	W2011	WALL CABINET – 2 DOOR, 2 ADJ SHELVES	
WB MANUFACTURING	SSHD7000	HIGH DENSITY STORAGE	PROVIDE PREMIUM HPL FINISH

GENERAL FLOOR PLAN NOTES

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FLOOR PLAN KEYNOTES

REFERENCE HILLCREST ELEMENTARY

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H3	PROVIDE NEW EDGE BANDING ON EXISTING LAMINATE COUNTERTOP, MATCH EXISTING. PROVIDE NEW WOOD END PANEL, MATCH EXISTING.
H4	PROVIDE NEW PIPE CHASE FOR NEW UV PIPING, COORDINATE SIZE AND LOCATION WITH MC.
H5	PROVIDE 1" THICK INSULATED METAL WINDOW PANEL SYSTEM, "MAPES–R" BY MAPES INDUSTRIES OR EQUAL. VERIFY EXISTING OPENING AND MATCH EXISTING FINISH. PATCH HOLES IN FRAMING TO MATCH FRAMING.
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GENERAL CEILING PLAN NOTES

1. IN EXISTING SPACES, NEW CEILING HEIGHTS SHALL MATCH EXISTING ADJACENT, TYPICAL UNLESS NOTED OTHERWISE
2. CENTER GRIDS IN SPACE AND ON COLUMN LINES AS SHOWN, TYPICAL UNLESS NOTED OTHERWISE
3. IN EXISTING CONSTRUCTION, REMOVE ALL EXISTING CEILING SYSTEMS AND SOFFITS IN AREAS OF NEW CEILINGS, TYPICAL UNLESS NOTED OTHERWISE
4. COORDINATE ALL CEILING WORK WITH PLUMBING, MECHANICAL AND ELECTRICAL CONTRACT WORK. REPORT ANY DISCREPANCIES OR FIELD CONFLICTS BETWEEN CEILING PLANS AND P, M, AND E DRAWINGS TO ARCHITECT PRIOR TO CONSTRUCTION

CEILING PLAN KEYNOTES

REFERENCE HILLCREST ELEMENTARY

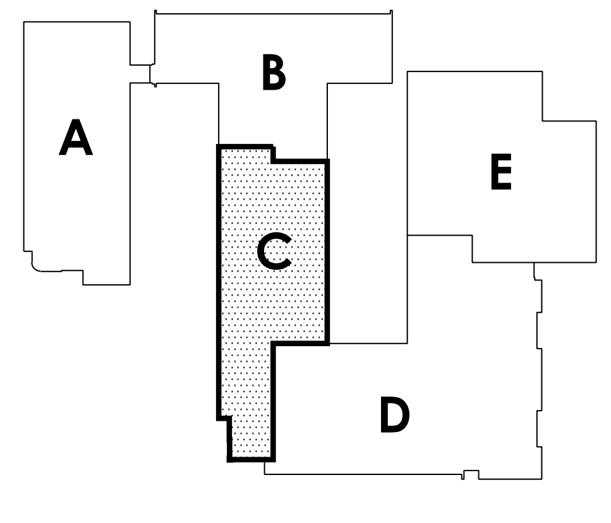
H1	PROVIDE ARMSTRONG 4" AXIOM FIELD FACE PLATE (AXFFP4) OR EQUAL.
H2	MODIFY EXISTING SUSPENDED CEILING SYSTEM AS REQUIRED FOR NEW WORK. PROVIDE ADDITIONAL COMPONENTS AS REQUIRED.

CASEWORK NOTES

1. FIELD VERIFY ALL DIMENSIONS, LOCATIONS OF OPENINGS, AND CLEARANCES PRIOR TO FABRICATION. IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCY. ADJUST DIMENSIONS OF NEW WORK AS REQUIRED BY THE ARCHITECT.
2. PROVIDE FILLER PANELS TO CLOSE GAPS BETWEEN CABINETS AND ADJACENT CONSTRUCTION. FILLER PANELS SHALL MATCH CASEWORK AND COUNTER CONSTRUCTION.
3. PROVIDE CONTINUOUS COUNTERTOPS AT ALL BASE CABINETS, ETC.
4. PROVIDE RUBBER BASE AT ALL BASE AND TALL CABINETS.
5. PROVIDE LOCKS ON ALL CABINETS.
6. PROVIDE FINISH PANELS AT ALL EXPOSED SIDES AND BACKS.
7. COORDINATE INSTALLATION OF SINKS AND OTHER PLUMBING AND ELECTRICAL FIXTURES WITH RESPECTIVE CONTRACTORS.
8. PROVIDE ADA COMPLIANT/ACCESSIBLE UNITS AT SINKS AND EQUIPMENT WHERE SHOWN ON PLANS.
9. SCRIBE ALL COUNTERTOPS AND FILLER PIECES TO ADJACENT SURFACES.
10. AT TOP OF WALL CABINETS, PROVIDE CONTINUOUS FILLER PANEL TO ENCLOSE GAP BETWEEN WALL CABINET AND CEILING.
11. ALL MODEL NUMBERS ARE WOOD–METAL INDUSTRIES, UNLESS OTHERWISE NOTED.

CASEWORK LEGEND

X000 ◄—— INDICATES MODEL NUMBER
00.00" ◄—— INDICATED CASEWORK DEPTH



FIRST FLOOR KEY PLAN

NO SCALE

N

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Alterations to School District Facilities
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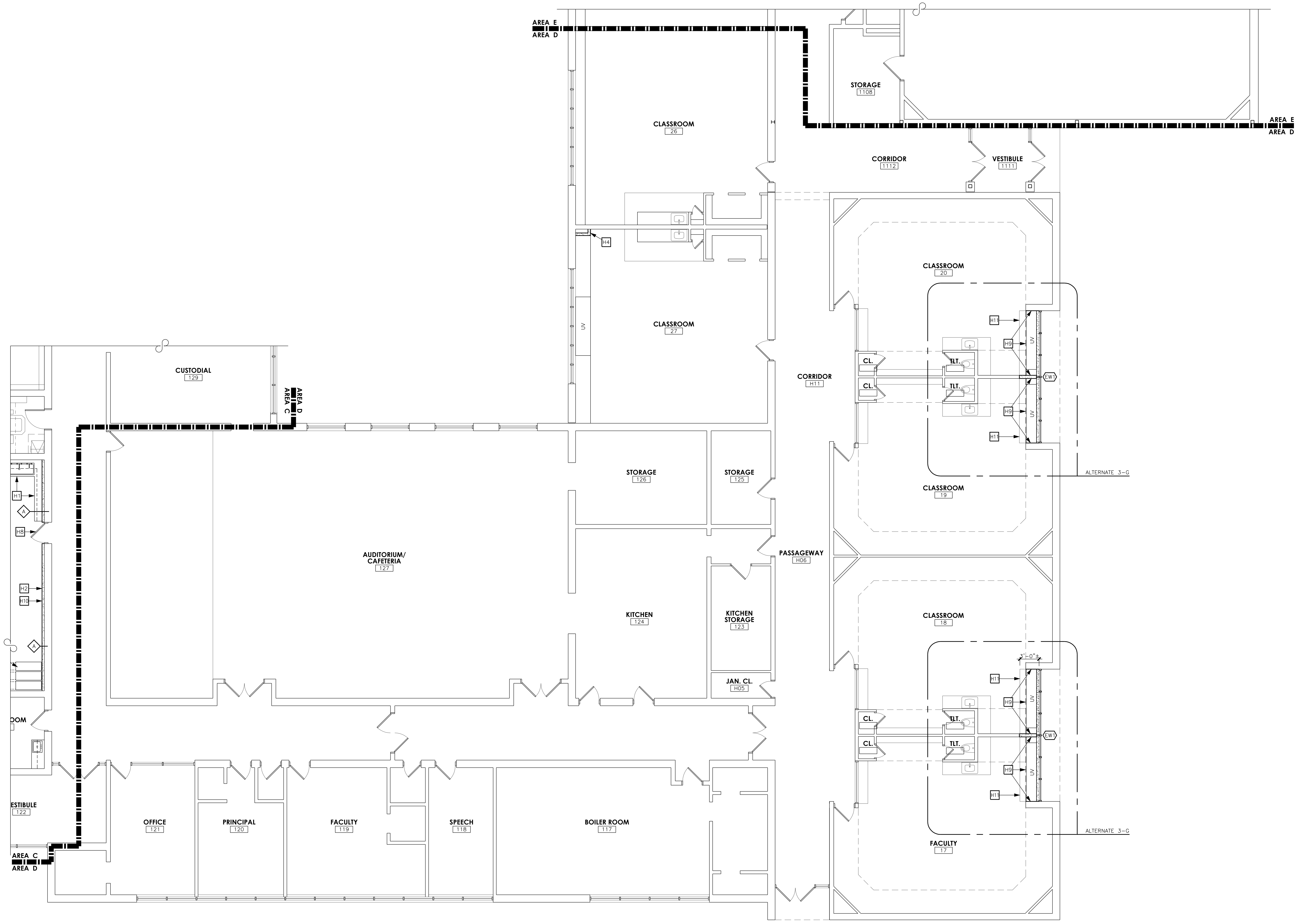
Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
PARTIAL FIRST FLOOR,
REFLECTED CEILING PLAN,
ELEVATIONS - AREA C
HILLCREST ELEMENTARY

APN : 1901.2
Date : 10/02/2020
Drawn by : JN, BK

Drawing Number :
GH
102



1 PARTIAL FIRST FLOOR PLAN - AREA D

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

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FLOOR PLAN KEYNOTES

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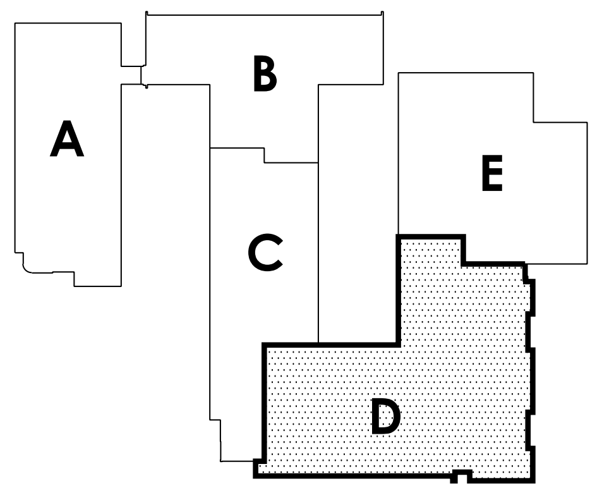

FIRST FLOOR KEY PLAN

NO SCALE

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Drawing Number :
GH 103

Drawing Title :
PARTIAL FIRST FLOOR
PLAN - AREA D

HILLCREST ELEMENTARY

APN : 1901.2
Date : 10/02/2020
Drawn by : JN, BK

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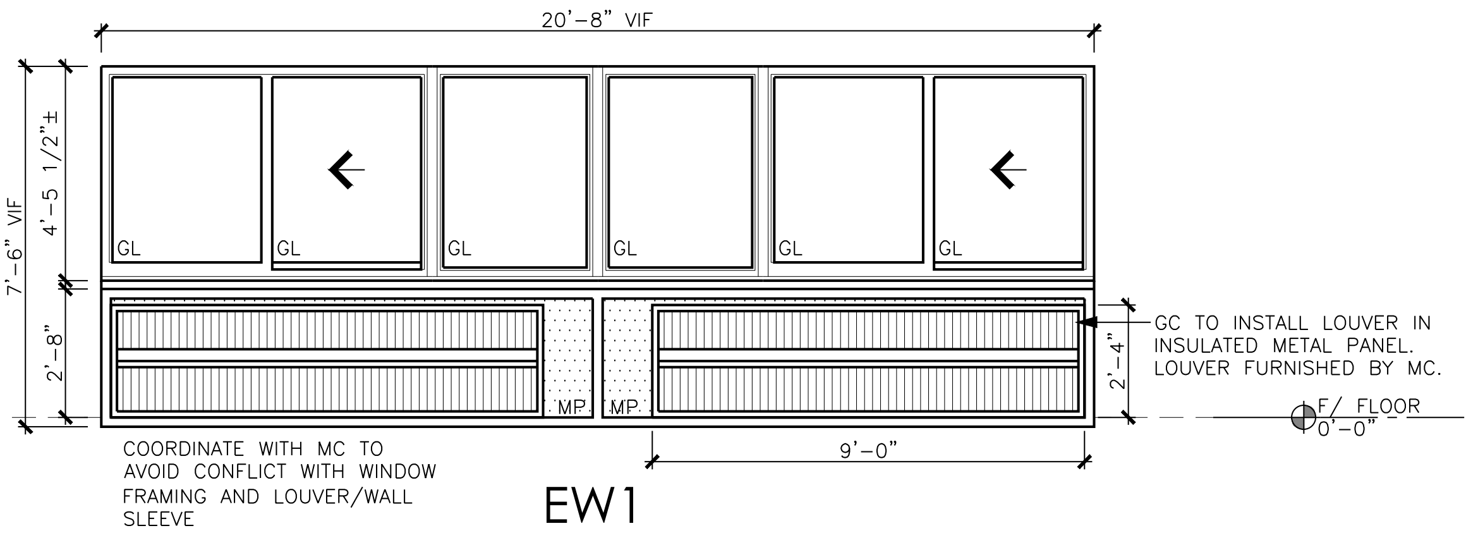
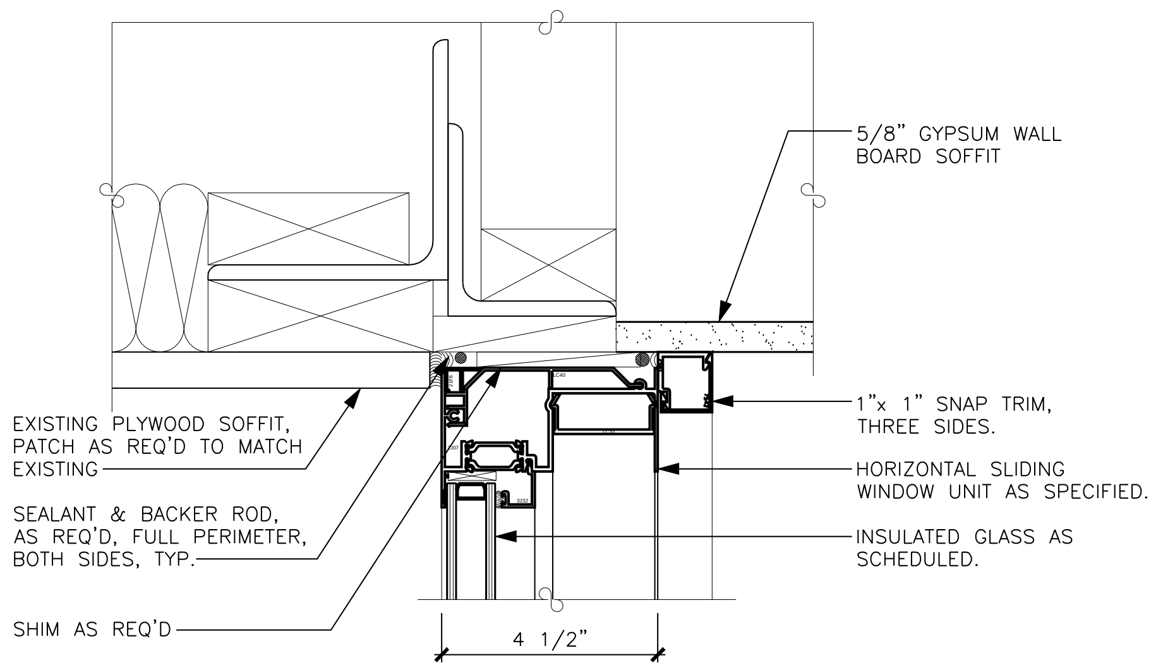

20'-8" VIF
7'-6" VIF
4'-5 1/2"±
2'-8"
2'-4"
GL
MP
GC TO INSTALL LOUVER IN INSULATED METAL PANEL. LOUVER FURNISHED BY MC.
F/ FLOOR 0'-0"
9'-0"
COORDINATE WITH MC TO AVOID CONFLICT WITH WINDOW FRAMING AND LOUVER/WALL SLEEVE
EW1

1 WINDOW TYPE

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

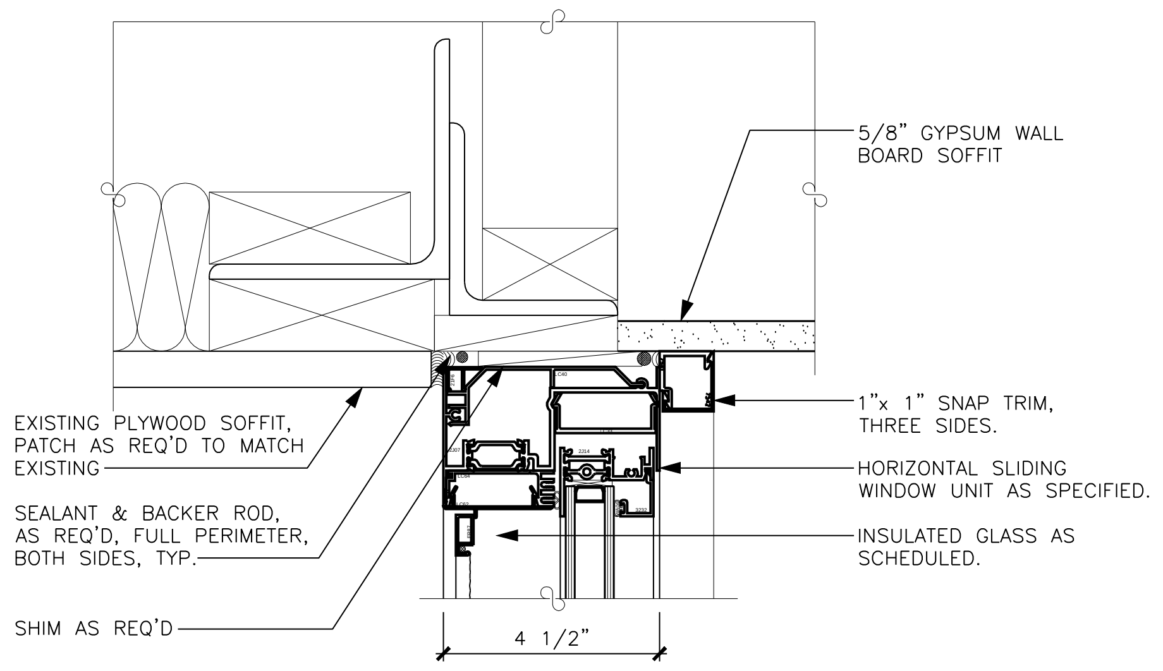
WINDOW NOTES

1. ALL DIMENSIONS ARE NOMINAL UNLESS OTHERWISE NOTED
2. PLUS OR MINUS VERIFY IN FIELD (± VIF) NOTATIONS ARE USED IN DIMENSION STRINGS TO ACCOUNT FOR VARIATIONS IN EXISTING CONDITIONS. THE (SUB)CONTRACTOR SHALL VERIFY ALL ± VIF DIMENSIONS PRIOR TO BIDS, TYPICAL
3. SEE FRAME DETAILS FOR REQUIRED DEPTH OF WINDOW FRAMES, TYPICAL
4. SHIM ALL WINDOW FRAMES AS REQUIRED, TYPICAL
5. PROVIDE SEALANT FULL PERIMETER OF WINDOW FRAMES AT EACH SIDE, TYPICAL
6. PROVIDE VERTICAL AND HORIZONTAL CHANNEL REINFORCING AS REQUIRED, TYPICAL
7. PROVIDE FRAME ANCHORS TO NEW CONSTRUCTION AS REQUIRED, TYPICAL. SEE SPECIFICATIONS
8. PROVIDE THERMAL AND EXPANSION BREAKS AS REQUIRED PER MANUFACTURER'S SPECIFICATIONS AND WARRANTY
9. FILL ALL VOIDS IN WINDOW FRAMES WITH BATT INSULATION AT EXTERIOR AND SOUND PROOF LOCATIONS, TYPICAL
10. PROVIDE IMPACT RATED SAFETY GLAZING AT ALL INTERIOR FRAME GLAZING LOCATIONS, TYPICAL UNLESS OTHERWISE NOTED
11. WINDOW TYPE ELEVATIONS ARE VIEWED FROM EXTERIOR SIDE, TYPICAL UNLESS OTHERWISE NOTED
12. STOPS NOT SHOWN FOR CLARITY
13. PROVIDE 4" DIAMETER CUSTOM SAFETY GLAZING DECAL AS REQUIRED PER NEW YORK STATE DEPARTMENT OF LABOR INDUSTRIAL CODE RULE NUMBER 47
14. SEE FLOOR PLANS FOR EMERGENCY RESCUE WINDOW LOCATIONS. PROVIDE STICKER AT EACH. EVERY RESCUE WINDOW SHALL HAVE A MINIMUM CLEAR OPENING AREA OF 6 SF AND MINIMUM DIMENSION OF 24"
    - A. 3"x 5" STICKER SIZE
    - B. "RESCUE WINDOW" TEXT READABLE FROM BOTH SIDES OF WINDOW
    - C. BRIGHT YELLOW BACKGROUND WITH BLACK LETTERS
    - D. ANY WINDOW COVERING MUST ALSO HAVE STICKER
    - E. TYPE WRITTEN WINDOW OPERATING INSTRUCTIONS WITH PLASTIC LAMINATED FINISH
15. ← INDICATES DIRECTION OF WINDOW SASH ACTION, TYPICAL
16. ALL GLAZING SHALL BE FIXED UNLESS INDICATED BY ←
17. AT EMERGENCY RESCUE WINDOWS, HARDWARE OPERATING MECHANISMS SHALL BE INSTALLED NO HIGHER THAN 54" ABOVE FINISHED FLOOR. SEE CODE COMPLIANCE DRAWINGS FOR EMERGENCY RESCUE WINDOW LOCATIONS


5/8" GYPSUM WALL BOARD SOFFIT
EXISTING PLYWOOD SOFFIT, PATCH AS REQ'D TO MATCH EXISTING
1"x 1" SNAP TRIM, THREE SIDES.
SEALANT & BACKER ROD, AS REQ'D, FULL PERIMETER, BOTH SIDES, TYP.
HORIZONTAL SLIDING WINDOW UNIT AS SPECIFIED.
INSULATED GLASS AS SCHEDULED.
SHIM AS REQ'D
4 1/2"

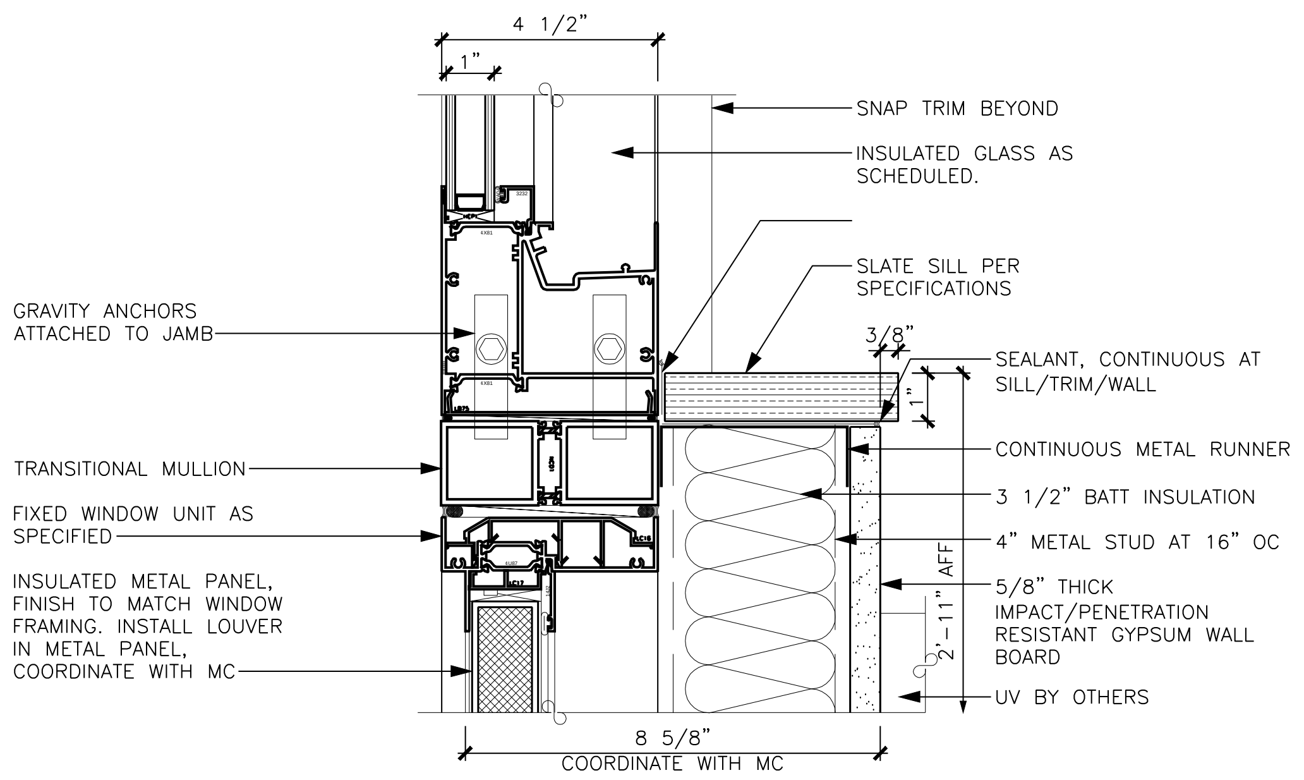
2 HEAD DETAIL

SCALE : 3"=1'-0"


5/8" GYPSUM WALL BOARD SOFFIT
EXISTING PLYWOOD SOFFIT, PATCH AS REQ'D TO MATCH EXISTING
1"x 1" SNAP TRIM, THREE SIDES.
SEALANT & BACKER ROD, AS REQ'D, FULL PERIMETER, BOTH SIDES, TYP.
HORIZONTAL SLIDING WINDOW UNIT AS SPECIFIED.
INSULATED GLASS AS SCHEDULED.
SHIM AS REQ'D
4 1/2"

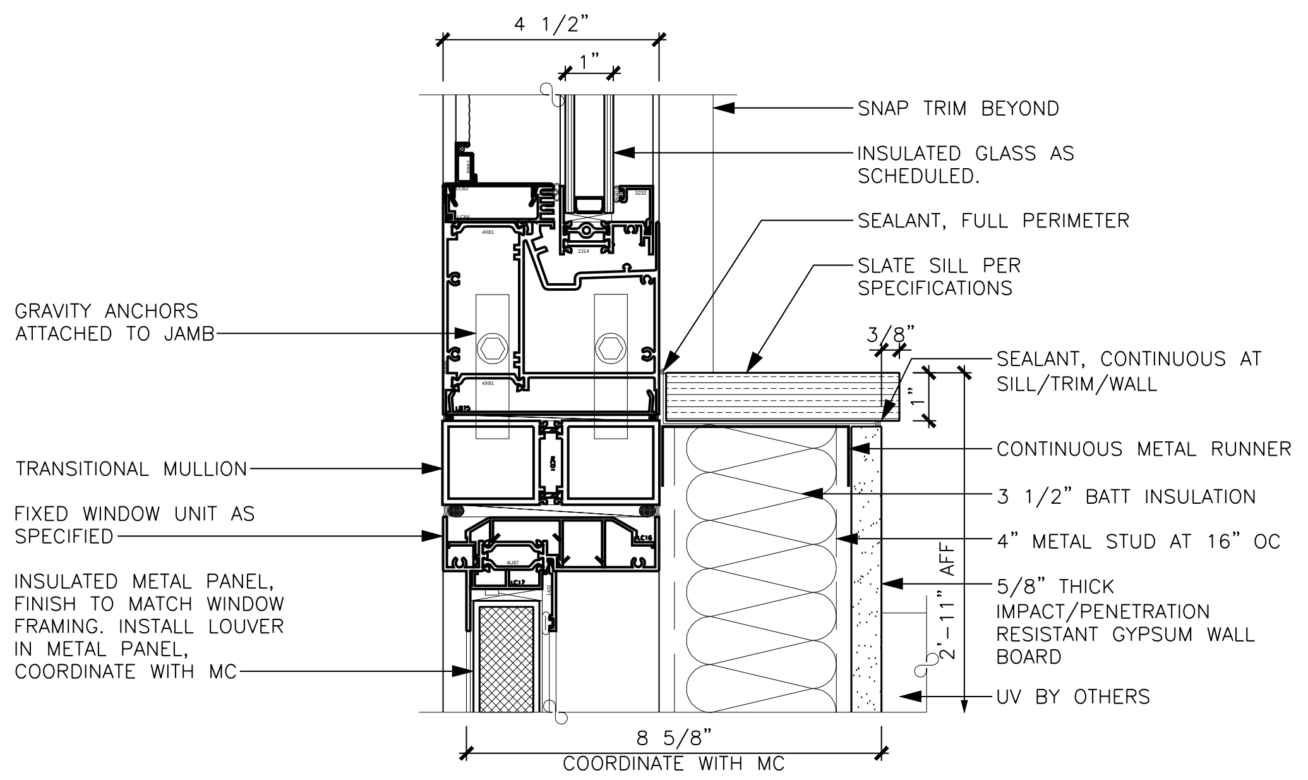
3 HEAD DETAIL

SCALE : 3"=1'-0"


4 1/2"
1"
SNAP TRIM BEYOND
INSULATED GLASS AS SCHEDULED.
SLATE SILL PER SPECIFICATIONS
GRAVITY ANCHORS ATTACHED TO JAMB
3/8"
SEALANT, CONTINUOUS AT SILL/TRIM/WALL
1"
CONTINUOUS METAL RUNNER
TRANSITIONAL MULLION
3 1/2" BATT INSULATION
FIXED WINDOW UNIT AS SPECIFIED
4" METAL STUD AT 16" OC
AFF
2'-11"
INSULATED METAL PANEL, FINISH TO MATCH WINDOW FRAMING. INSTALL LOUVER IN METAL PANEL, COORDINATE WITH MC
5/8" THICK IMPACT/PENETRATION RESISTANT GYPSUM WALL BOARD
UV BY OTHERS
8 5/8"
COORDINATE WITH MC

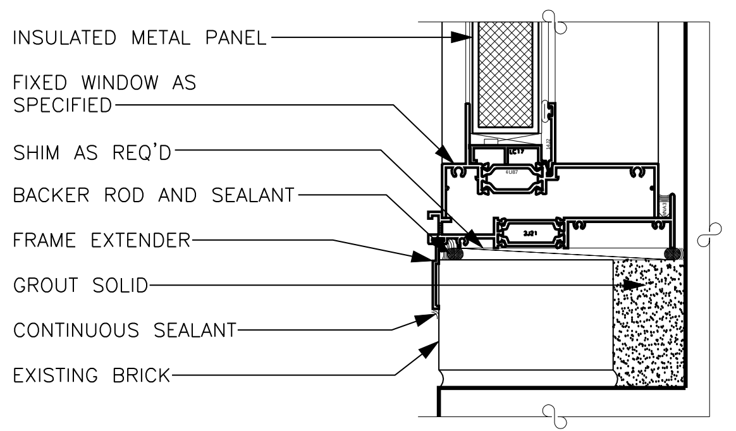
4 INTERMEDIATE DETAIL

SCALE : 3"=1'-0"


4 1/2"
1"
SNAP TRIM BEYOND
INSULATED GLASS AS SCHEDULED.
SEALANT, FULL PERIMETER
SLATE SILL PER SPECIFICATIONS
GRAVITY ANCHORS ATTACHED TO JAMB
3/8"
SEALANT, CONTINUOUS AT SILL/TRIM/WALL
1"
CONTINUOUS METAL RUNNER
TRANSITIONAL MULLION
3 1/2" BATT INSULATION
FIXED WINDOW UNIT AS SPECIFIED
4" METAL STUD AT 16" OC
AFF
2'-11"
INSULATED METAL PANEL, FINISH TO MATCH WINDOW FRAMING. INSTALL LOUVER IN METAL PANEL, COORDINATE WITH MC
5/8" THICK IMPACT/PENETRATION RESISTANT GYPSUM WALL BOARD
UV BY OTHERS
8 5/8"
COORDINATE WITH MC

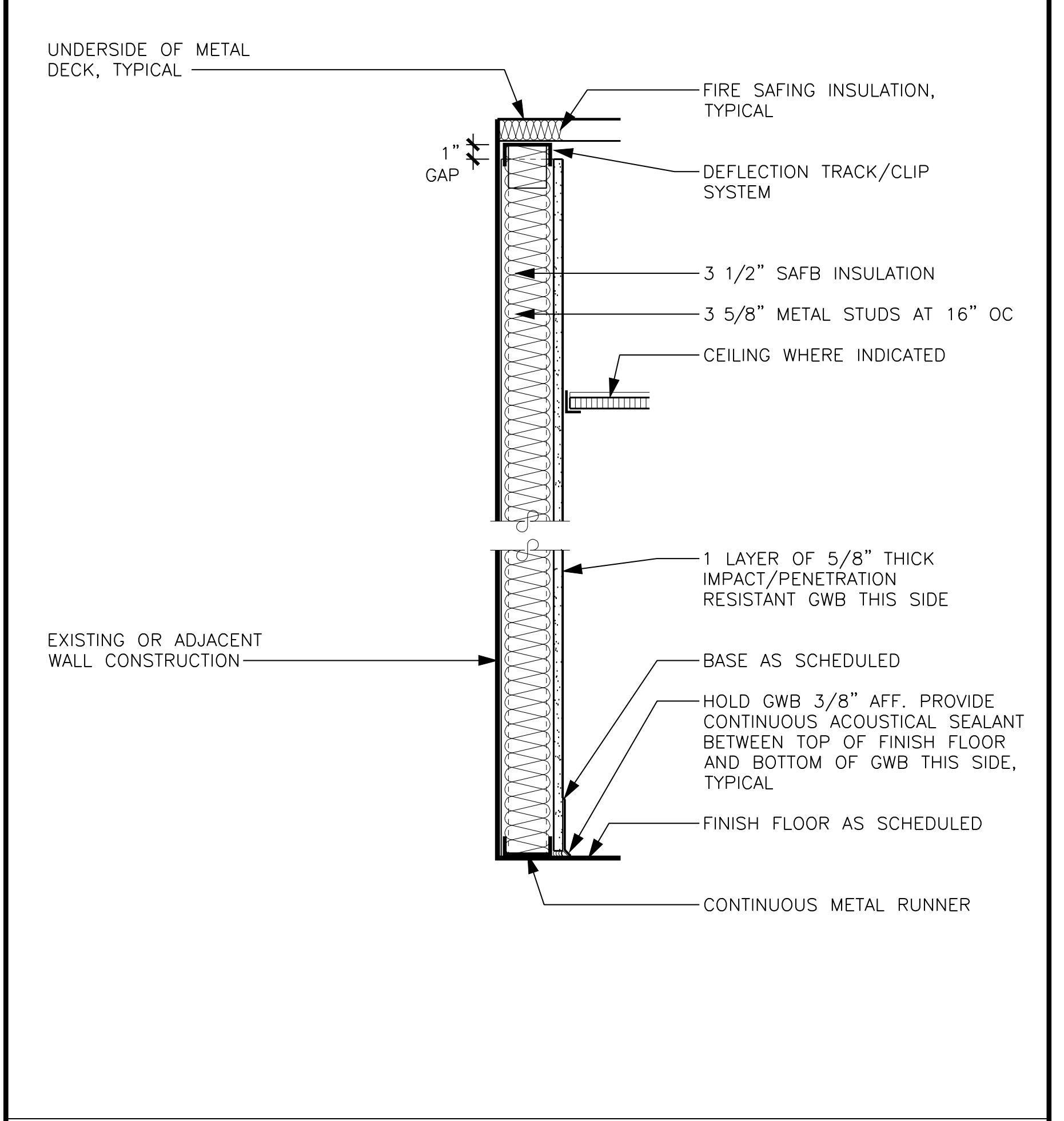
5 INTERMEDIATE DETAIL

SCALE : 3"=1'-0"



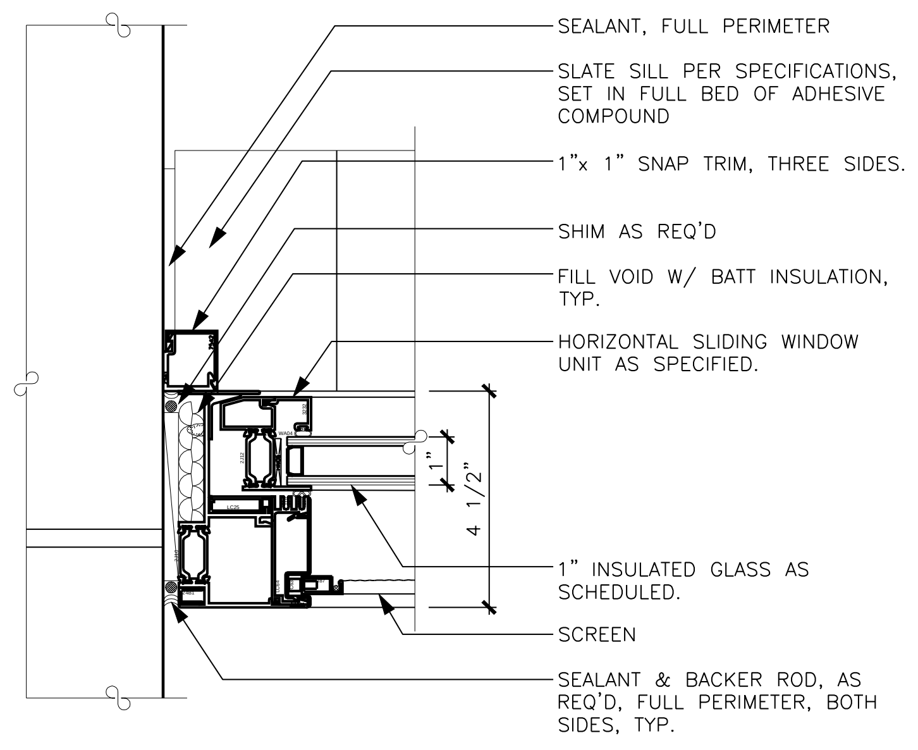
6 SILL DETAIL

SCALE : 3"=1'-0"


UNDERSIDE OF METAL DECK, TYPICAL
FIRE SAFING INSULATION, TYPICAL
1" GAP
DEFLECTION TRACK/CLIP SYSTEM
3 1/2" SAFB INSULATION
3 5/8" METAL STUDS AT 16" OC
CEILING WHERE INDICATED
1 LAYER OF 5/8" THICK IMPACT/PENETRATION RESISTANT GWB THIS SIDE
EXISTING OR ADJACENT WALL CONSTRUCTION
BASE AS SCHEDULED
HOLD GWB 3/8" AFF. PROVIDE CONTINUOUS ACOUSTICAL SEALANT BETWEEN TOP OF FINISH FLOOR AND BOTTOM OF GWB THIS SIDE, TYPICAL
FINISH FLOOR AS SCHEDULED
CONTINUOUS METAL RUNNER

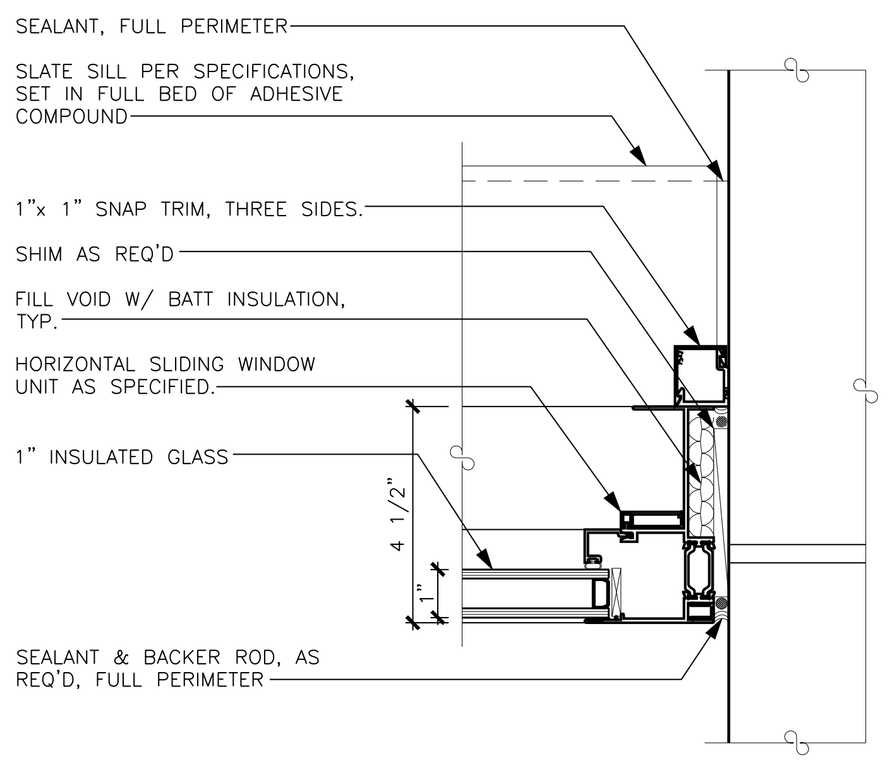
A

NON-RATED 3 5/8" STUD PARTITION
NONBEARING


SEALANT, FULL PERIMETER
SLATE SILL PER SPECIFICATIONS, SET IN FULL BED OF ADHESIVE COMPOUND
1"x 1" SNAP TRIM, THREE SIDES.
SHIM AS REQ'D
FILL VOID W/ BATT INSULATION, TYP.
HORIZONTAL SLIDING WINDOW UNIT AS SPECIFIED.
1"
4 1/2"
1" INSULATED GLASS AS SCHEDULED.
SCREEN
SEALANT & BACKER ROD, AS REQ'D, FULL PERIMETER, BOTH SIDES, TYP.

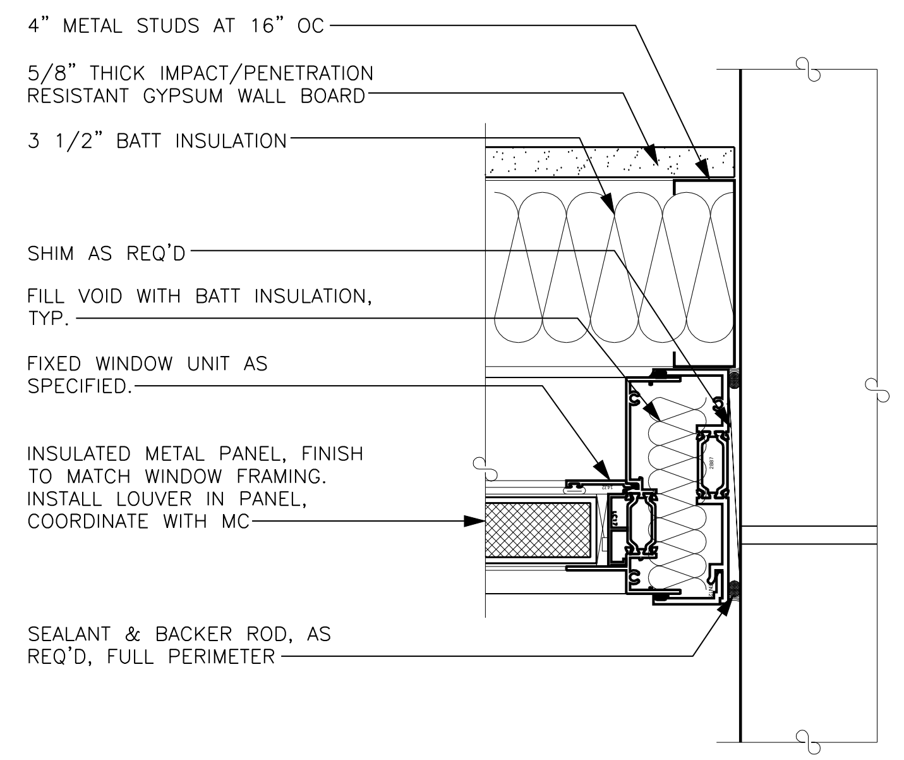
7 JAMB DETAIL

SCALE : 3"=1'-0"


SEALANT, FULL PERIMETER
SLATE SILL PER SPECIFICATIONS, SET IN FULL BED OF ADHESIVE COMPOUND
1"x 1" SNAP TRIM, THREE SIDES.
SHIM AS REQ'D
FILL VOID W/ BATT INSULATION, TYP.
HORIZONTAL SLIDING WINDOW UNIT AS SPECIFIED.
1" INSULATED GLASS
4 1/2"
1"
SEALANT & BACKER ROD, AS REQ'D, FULL PERIMETER

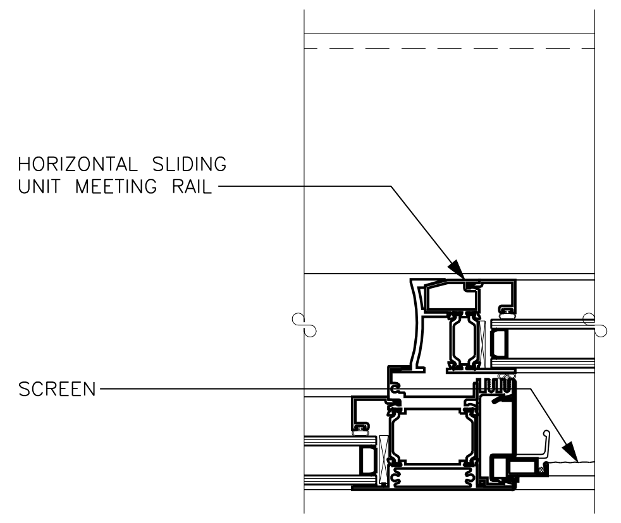
8 JAMB DETAIL

SCALE : 3"=1'-0"


4" METAL STUDS AT 16" OC
5/8" THICK IMPACT/PENETRATION RESISTANT GYPSUM WALL BOARD
3 1/2" BATT INSULATION
SHIM AS REQ'D
FILL VOID WITH BATT INSULATION, TYP.
FIXED WINDOW UNIT AS SPECIFIED.
INSULATED METAL PANEL, FINISH TO MATCH WINDOW FRAMING. INSTALL LOUVER IN PANEL, COORDINATE WITH MC
SEALANT & BACKER ROD, AS REQ'D, FULL PERIMETER

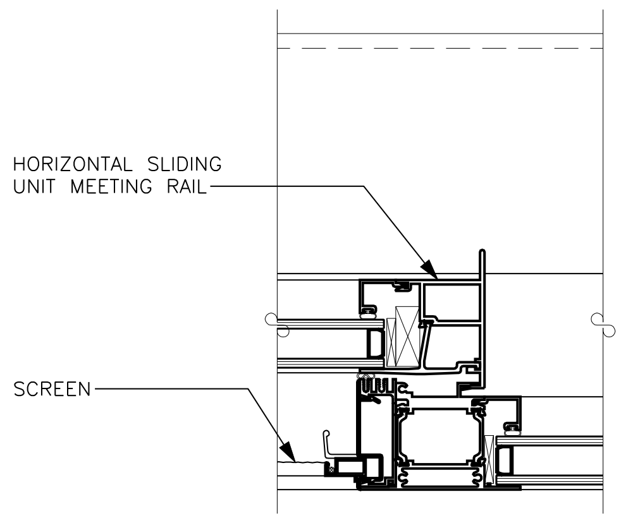
9 JAMB DETAIL

SCALE : 3"=1'-0"



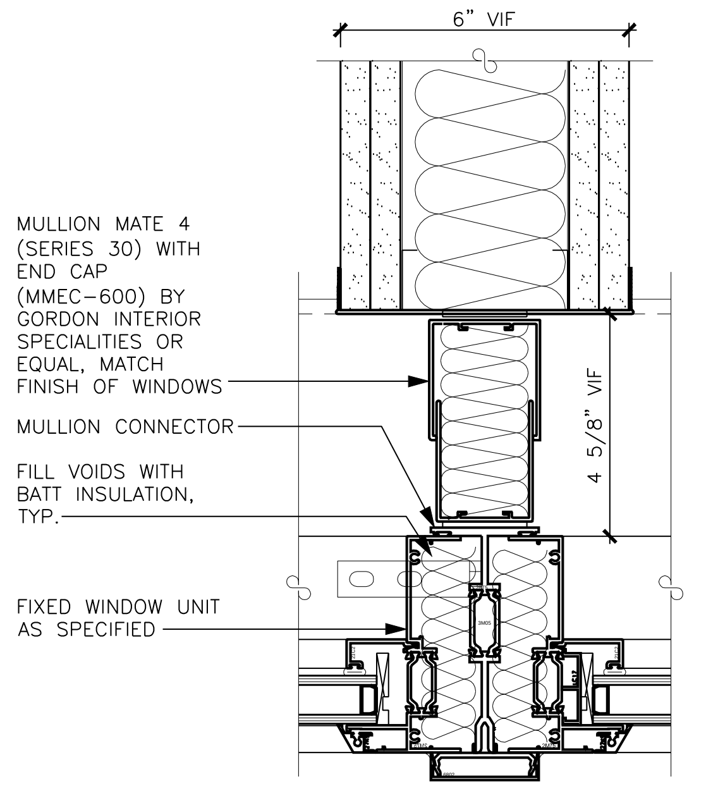
10 INTERMEDIATE DETAIL

SCALE : 3"=1'-0"



11 INTERMEDIATE DETAIL

SCALE : 3"=1'-0"


6" VIF
MULLION MATE 4 (SERIES 30) WITH END CAP (MMEC-600) BY GORDON INTERIOR SPECIALITIES OR EQUAL, MATCH FINISH OF WINDOWS
MULLION CONNECTOR
FILL VOIDS WITH BATT INSULATION, TYP.
4 5/8" VIF
FIXED WINDOW UNIT AS SPECIFIED

12 INTERMEDIATE DETAIL

SCALE : 3"=1'-0"

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

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Seal

Consultant

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
WINDOW TYPES, WINDOW DETAILS, WALL TYPES

HILLCREST ELEMENTARY

APN : 1901.2
Date : 10/02/2020
Drawn by :

Drawing Number :
GH 701

INSULATION SCHEDULE

SERVICE	TEMP °F	MATERIAL	PIPE DIA / THK'S
DOMESTIC COLD WATER	ALL	GLASS FIBER	1" THICK
DOMESTIC HWS & RECIRC	105-140	GLASS FIBER	<1 1/2" 1" THK 1 1/2" < 2" THK
DOMESTIC HWS & RECIRC	141-200	GLASS FIBER	<1 1/2" 1 1/2" THK 1 1/2" < 2" THK
ROOF DRAIN & PIPING	---	GLASS FIBER	1" ALL SIZES
A/C COND PIPING	---	GLASS FIBER	1" ALL SIZES

REMARKS

1. JACKET MATERIAL FINISH SHALL BE AS SPECIFIED FOR ALL EXPOSED AND CONCEALED APLLICATIONS
2. PROVIDE ZESTON (PVC) COVERS FOR ALL EXPOSED PIPE AND PIPE FITTINGS, OTHER THAN MECHANICAL ROOMS.
3. INSTALL COVER SYSTEM FROM FLOOR TO CEILINGS.

FIXTURE PIPING SCHEDULE

FIXTURE TYPE	CW	HW	SAN	VENT
WATER CLOSET (FV)	1"	———	3"	2"
WATER CLOSET (TANK)	1/2"	———	3"	2"
URINAL	3/4"	———	2"	1 1/2"
LAVATORY	1/2"	1/2"	1 1/2"	1 1/2"
SINK	1/2"	1/2"	1 1/2"	1 1/2"
SERVICE SINK	1/2"	1/2"	2"	1 1/2"
MOP BASIN	1/2"	1/2"	2"	1 1/2"
WATER COOLER	1/2"	———	2"	1 1/2"
DRINKING FOUNTAIN	1/2"	———	2"	1 1/2"
EYE WASH UNIT	1/2"	1/2"	2"	1 1/2"
DELUGE SHOWER	1"	1"	4"	2"
BATH TUB	1/2"	1/2"	2"	1 1/2"
WASHING MACHINE	1/2"	1/2"	2"	1 1/2"
WALL HYDRANT	1/2"	1/2"	———	———
SHOWER	1/2"	1/2"	2"	1 1/2"

GENERAL NOTES - REMOVALS

1. AVOID DEAD ENDS OF 24" LONG OR GREATER WHEN REMOVING SANITARY OR STORM WATER PIPING. PROVIDE SUITABLE PLUG OR CAP ON PIPING TO REMAIN. (INFILL OF THE PIPING WITH CONCRETE OR OTHER MATERIALS SHALL NOT BE ACCEPTABLE)
2. REMOVE ALL COLD WATER, HOT WATER, RE–CIRCULATION PIPING, AS INDICATED ON PLANS. REMOVE ALL PIPING BACK TO BRANCH CONNECTION. PROVIDE TEMPORARY OR PERMANENT CAPPED END ON PIPING. PIPING SHALL NOT BE LEFT OPEN ENDED.
3. WHERE PIPING BELOW GRADE IS TO BE REMOVED. PROVIDE SUITABLE SHORING OF TRENCH WALLS AND DE–WATERING EQUIPMENT AS NECESSARY. TRENCHES SHALL BE PROPERLY SHORED AND DE WATERED THROUGHOUT THE REMOVAL PROCESS.
4. WHERE PIPING IS BEING REMOVED THROUGH AND EXISTING WALL, THE CORE–DRILLED HOLE OR SLEEVE SHALL BE SEALED WITH A SUITABLE METHOD OF SEALING.
5. ALL REMOVAL WORK SHALL BE COORDINATED WITH THE WORK OF THE OTHER TRADES.
6. THROUGHOUT THE REMOVAL PROCESS, IT IS OF PARAMOUNT IMPORTANCE THAT ANY AND ALL SYSTEMS SHALL BE MAINTAINED IN PROPER WORKING ORDER FOR AS LONG AS PRACTICAL.
7. THROUGHOUT THE REMOVAL PROCESS ALL AREAS OF WORK SHALL BE KEPT FREE OF DEBRIS AND IN A CLEAN AND ORDERLY STATE.
8. WHERE VENT TERMINALS AND ROOF DRAINS ARE REMOVED, THE ROOF OPENING SHALL BE PATCHED AND REPAIRED SO THE BUILDING ROOF WILL SHED WATER.
9. WHERE PIPING IS REMOVED THROUGH FIRE RATED CONSTRUCTION THE ABANDONED WALL PENETRATIONS SHALL BE SEALED WITH THE APPROPRIATE FIRE RATED SEALING ELEMENTS.
10. WHERE PIPING TO BE REMOVED IS DISCOVERED TO BE IN AN UNSAFE LOCATION OR IS IN A STATE WHICH MAY POSE A HEALTH CARE RISK, THE ARCHITECT AND THE ENGINEER SHALL BE INFORMED IMMEDIATELY. DIRECTION AS TO HOW TO PROCEED SHALL BE DETERMINED ON A CASE BY CASE BASIS.
11. ALL CUTTING AND PATCHING REQUIRED TO SAFELY AND PROPERLY REMOVE PIPING ETC... SHALL BE PERFORMED BY THIS CONTRACTOR, UNLESS SPECIFICALLY CALLED OUT BY OTHERS.
12. ALL NATURAL GAS AND LIQUEFIED PROPANE SHALL BE REMOVED AS INDICATED, THE PIPING SHALL FIRST BE PURGED OF GAS PER THE REQUIREMENTS OF NFPA 54.

GENERAL NOTES - NEW INSTALLATIONS

1. IN ALL AREAS WHERE PATCHING IS REQUIRED, THE CONTRACTOR SHALL PATCH THE SUBSURFACE WHERE THE NEW SURFACE IS TO BE FINISHED BY THE GENERAL CONTRACTOR. THIS SUBSURFACE MUST BE PROVIDED SO THAT IT DOES NOT INHIBIT THE INSTALLATION OF OR AFFECT THE APPEARANCE OF THE NEW FINISH. IF A NEW FINISH WILL NOT BE PROVIDED BY THE GENERAL CONTRACTOR, THE CONTRACTOR IS RESPONSIBLE TO PATCH TO MATCH THE SURROUNDING SURFACE. (UNLESS NOTED BY THE GENERAL CONTRACTORS PLANS)
2. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE BEFORE PROCEEDING WITH THE WORK. HE SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER FOR CORRECTION PRIOR TO BEGINNING ANY WORK. DISCOVERY OF ANY DISCREPANCIES AFTER WORK HAS COMMENCED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. PROVIDE VALVING, PIPING AND TEMPORARY CONNECTIONS TO EXISTING SYSTEMS AS NECESSARY FOR CONTINUATION OF OPERATIONS.
3. DO NOT SCALE THESE DRAWING FOR EXACT DIMENSIONS, VERIFY ALL FIGURES, CONDITIONS, DIMENSIONS, ETC. AT THE JOB SITE.
4. THE OWNER SHALL HAVE THE OPTION TO RETAIN ANY FIXTURES, CONTROLS, PIPING, AND ACCESSORIES SCHEDULED TO BE REMOVED.
5. ALL EXISTING SYSTEMS NOT IN THE CONSTRUCTION PHASE SHALL REMAIN IN SERVICE. ALL SYSTEM SHUTDOWNS SHALL BE COORDINATED AND OCCUR ONLY WITH THE APPROVAL OF THE FACILITY.
6. SHUTDOWN OF SERVICES SHALL BE COORDINATED AND SCHEDULED WITH THE OWNER AND SHALL ONLY OCCUR WITH THE WRITTEN APPROVAL OF THE FACILITY.
7. THIS CONTRACTOR IS RESPONSIBLE FOR CUTTING AND PATCHING MADE NECESSARY BY HIS WORK. REMOVALS SHALL BE TO BEYOND FINISHED SURFACES TO ALLOW PATCHING AND FINISHING TO MATCH ADJACENT SURFACES.
8. VERIFY LOCATIONS OF NEW WORK REQUIRED FOR CONSTRUCTION WITH EXISTING STRUCTURE AND FIELD CONDITIONS. MODIFY POINTS OF CONNECTION TO EXISTING SYSTEMS AS NECESSARY FOR JOB CONDITIONS. PROVIDE VALVING, PIPING AND TEMPORARY CONNECTIONS TO NEW SYSTEMS AS NECESSARY FOR WORK CONTINUATION.
9. COORDINATE ALL WORK WITH THE FUNCTIONS OF ADJACENT AREAS.
10. PROVIDE SLAB CUTTING AND PATCHING AS NECESSARY TO MAKE CONNECTIONS TO UNDER FLOOR SANITARY PIPING. NECESSARY TO MAKE CONNECTIONS TO UNDER FLOOR SANITARY PIPING. (UNLESS NOTED ON THE GENERAL CONTRACT PLANS)
11. CEILINGS THAT NEED TO BE TEMPORARILY REMOVED TO ALLOW FOR THE INSTALLATION OF PIPING OR EQUIPMENT AND ARE NOT SCHEDULED TO BE REMOVED ON THE ARCHITECTURAL DRAWINGS SHALL BE REMOVED AND REPLACED BY THIS CONTRACTOR. COORDINATE THE REMOVAL AND THE REPLACEMENT WITH THE ELECTRICAL CONTRACTOR AND THE FIRE PROTECTION CONTRACTOR.
12. DO NOT INSTALL ANY PLUMBING WORK ABOVE ELECTRICAL PANELS. DO NOT INSTALL ANY PLUMBING WORK ABOVE OR THROUGH ELEVATOR EQUIPMENT ROOM, UNLESS SPECIFICALLY SERVING EQUIPMENT ROOM.
13. SLEEVE AND SEAL ALL PIPE PENETRATIONS OF WALL AND FLOORS. PACK VOID BETWEEN PIPE AND SLEEVE WITH INSULATION IN NON–RATED WALL AND FLOORS. PACK VOID BETWEEN PIPE AND SLEEVE WITH INSULATION IN FIRE–RATED WALLS AND FLOORS, APPLY INTUMESCENT FIRE SAFING COMPOUND AT PENETRATION, MAINTAINING INTEGRITY AND RATING OF FIRE SEPARATION. SLEEVES THROUGH FLOORS SHALL EXTEND 2" ABOVE FLOOR, BE GROUTED INTO PLACE AND WATERPROOFED. PIPING THROUGH EXTERIOR WALLS SHALL BE SLEEVED AND SEALED WEATHER TIGHT.
14. THIS CONTRACTOR SHALL BE RESPONSIBLE TO HIRE AND PAY AN INDEPENDENT TESTING LABORATORY TESTING AGENCY TO CONDUCT WATER LEAD TESTING FOR ALL NEW PIPING INSTALLED UNDER THIS CONTRACT. PROVIDE TO THE ENGINEER TWO COPIES OF THE FINAL REPORTS ONE FOR THE OWNER AND THE OTHER FOR THE ENGINEER. ALL TESTING SHALL BE IN ACCORDANCE WITH NYSDOH LEAD IN WATER REGULATIONS (10NYCRR 67–4)

PLUMBING FIXTURE SCHEDULE

TAG	ITEM	MANUFACTURER & MODEL	WASTE	VENT	CW	HW	FITTINGS/ACCESSORIES OR DESIGN DATA	ITEM DESCRIPTION
S-1	3 STATION HANDWASH UNIT	JUST CUSTOM FABRICATED SINGLE BOWL. THREE FAUCET DROP IN SINK 20"X 56"x 5 1/2" DEEP 18 GA 304 S.S. THREE SETS 8" FAUCET CENTERS SELF RIMMING GRIP RIM PLUS. INTEGRAL DRAIN SYSTEM WITH BASKET STRAINER AND TAILPIECE	1 1/2"	1-1/2"	1/2"	1/2"	CHICAGO FAUCET FITTING NUMBER 1100-GN8BVBE2-2CP,8" CENTERS DECK MOUNTED 8" RIGID/SWING GOOSENECK SPOUT WITH VACUUM BREAKER 3/4" HOSE THREAD MALE ADAPTER OUTLET, 317 WRIST BLADE HANDLES NSF 61 CERTIFIED	PROVIDE MCGUIRE LF2165LK LEAD FREE LAVATORY SUPPLY KIT 12" FLEX CHROME PLATED RISERS. LOOSE KEY ANGLE STOPS AND ESCUTCHEON PLATES. MCGUIRE V8912CNC 1 1/2" X 1 1/2" ADJUSTABLE TRAP
S-2	WORK ROOM SINK	JUST STYLIST SL-2019-A-GR	1 1/2"	1 1/2"	1/2"	1/2"	CHICAGO FAUCET 201-AL8ABCP L8 CAST SPOUT 369 HANDLES	16 GAUGE SS SINK CONSTRUCTION, 3 1/2" BASKET STRAINER, 1-1/2" DRAIN, DECK-MOUNTED FAUCET ON 8" CENTERS, LEAD FREE FAUCET,

PIPING

———	PIPING BEING REMOVED
———	DOMESTIC COLD WATER
———	DOMESTIC HOT WATER
———	DOMESTIC HOT WATER RETURN
—— SAN ——	SANITARY ABOVE FLOOR
—— SAN ——	SANITARY BELOW FLOOR
———	SANITARY VENT
—— ST ——	STORM ABOVE FLOOR
—— ST ——	STORM BELOW FLOOR
—— G ——	NATURAL GAS
—— LPG ——	LIQUIFIED PETROLEUM GAS
—— CD ——	CONDENSATE DRAIN
—— A ——	COMPRESSED AIR
—— AW ——	ACID WASTE ABOVE FLOOR
—— AW ——	ACID WASTE BELOW FLOOR
—— AV ——	ACID VENT

DRAINAGE

▣	FLOOR DRAIN
◍	ROOF DRAIN
⊗	FLOOR CLEANOUT
⊠	GRADE CLEANOUT
◑	VENT THOUGH ROOF
[	PIPE CAPPED END
◠	ELBOW DOWN
◌	TEE DOWN
=	CONNECTION
○	BASE CLEANOUT
——‖	END OF LINE CLEANOUT
—)—(—	RUNNING TRAP
⊙	SUMP PUMP

VALVES

●	BALL VALVE
⋈	GATE VALVE
⋈	OS & Y GATE VALVE
▽	BALANCING VALVE
▼	PLUG VALVE
⋈	SOLENOID VALVE
⊳	CHECK VALVE
‖	BUTTERFLY / WAFER VALVE
⋈	PRESSURE REDUCING VALVE
○	GAS TURRET (COUNTER MTD)

FITTINGS

⚒	SHOCK ARRESTOR
⊢⊣	STRAINER
—+<	FREEZE PROOF WALL HYDRANT
—<	HOSE BIBB
⋈	HOSE BIBB ANGLED
⊙	PRIMER VALVE
‖	UNION
▽	REDUCER
⊘	PRESSURE GAUGE
A	AQUASTAT CONTROLLER
⊞	THERMOSTAT

ABBREVIATIONS

AC	AIR CHAMBER
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AP	ACCESS PANEL
BCO	BASE CLEANOUT
BF	BELOW FLOOR
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PROTECTOR
CI	CAST IRON
CLG	CEILING
CO	CLEAN OUT
COND	CONDUCTOR
CT	COUNTER TOP
CW	COLD WATER
CTE	CONNECT TO EXISTING
CI	CAST IRON
CONC	CONCRETE
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RETURN
DPCO	DECK PLATE CLEANOUT
DWG	DRAWING
ECO	END OF LINE CLEANOUT
EWC	ELECTRIC WATER COOLER
EXR	EXISTING TO REMAIN
FAI	FRESH AIR INLET
FCO	FLUSH FLOOR CLEANOUT
FD	FLOOR DRAIN
FLR	FLOOR
FF	FINISH FLOOR
FFE	FINISHED FLOOR ELEVATION
G	GAS
GA	GAUGE
GC	GENERAL CONTRACTOR
HB	HOSE BIBB
HW	HOT WATER
HWR	HOT WATER RE-CIRCULATION
INV EL	INVERT ELEVATION
IW	INDIRECT WASTE
LAV	LAVATORY
LDR	LEADER
LPG	LIQUIFIED PETROLEUM GAS
MAX	MAXIMUM
MB	MOP BASIN
MC	MECHANICAL CONTRACTOR
MFR	MANUFACTURER
MH	MAN HOLE
MIN	MINIMUM
OS&Y	OUTSIDE SPINDLE & YOKE
O2	OXYGEN
PC	PLUMBING CONTRACTOR
PG	PRESSURE GAUGE
PRV	PRESSURE REDUCING VALVE
PS	PRESSURE SWITCH
PSI	POUNDS PER SQ IN
PO	PLUGGED OUTLET
RD	ROOF DRAIN
RPZ	REDUCED PRESSURE ZONE
SA	SHOCK ARRESTOR
SAN	SANITARY
SH	SHOWER
SK	SINK
SS	STAINLESS STEEL
ST	STRAINER
TEMP	TEMPERATURE
TYP	TYPICAL
UR	URINAL
VA	VALVE
V	VENT
VCT	VITRIFIED CLAY TILE
VIF	VERIFY IN FIELD
VTR	VENT THRU ROOF
W	WASTE
W&V	WASTE & VENT
WC	WATER CLOSET
WCO	WALL CLEANOUT
WF	WASH FOUNTAIN
WHA	WATER HAMMER ARRESTOR

GENERAL

◐	REMOVE / CONNECT TO
(1)	REMOVAL NOTE TAG
⬡1	INSTALLATION NOTE TAG
≀	PIPING BREAK
——⌇——	EDGE BREAK LINE
♿	ADA FIXTURE

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
SYMBOLS, ABBREVIATIONS
SCHEDULES & NOTES

HILLCREST ELEM

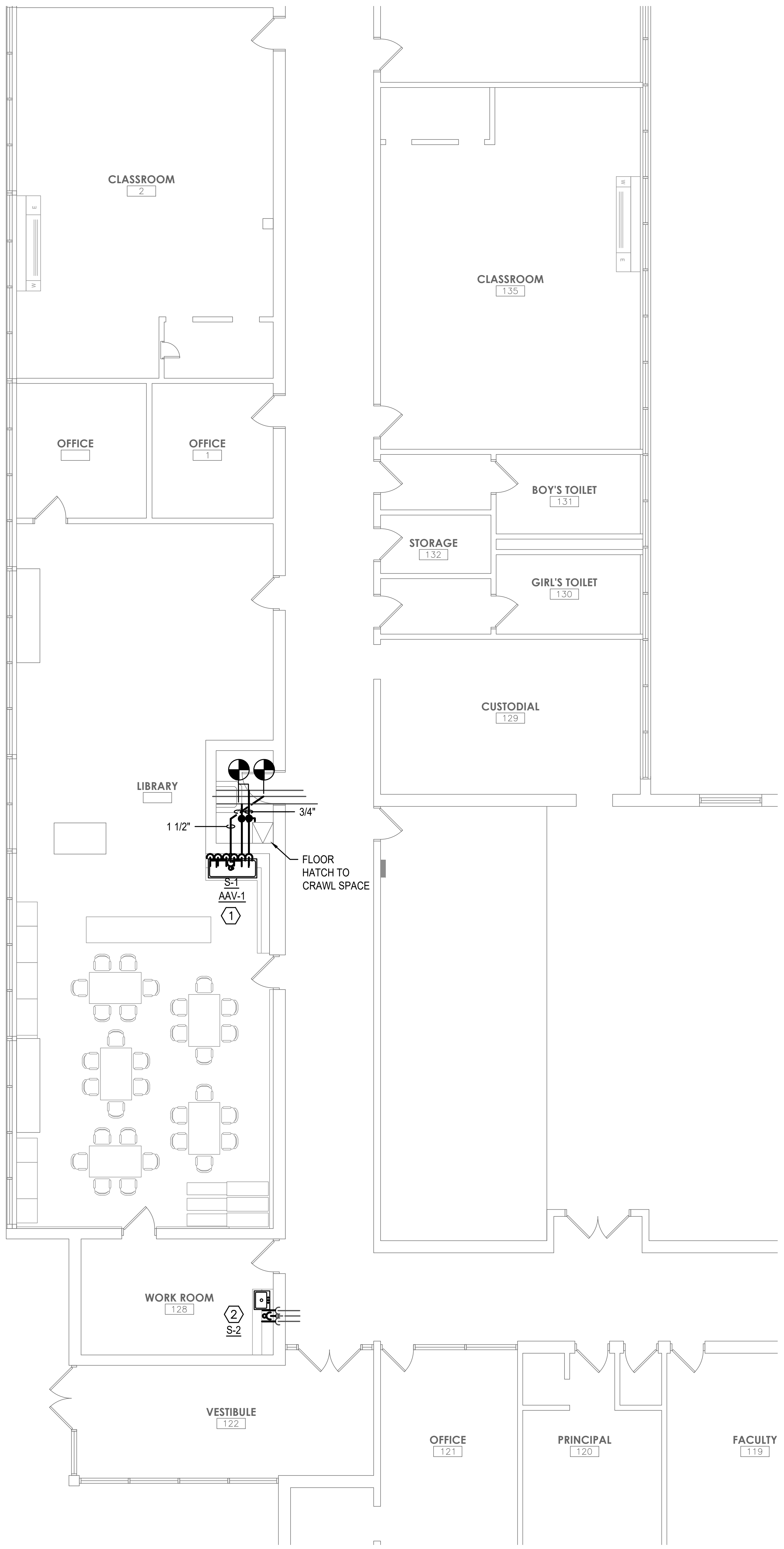
APN : 1901.2
Date : October 2, 2020
Drawn by : DAR

Drawing Number :
PH 001

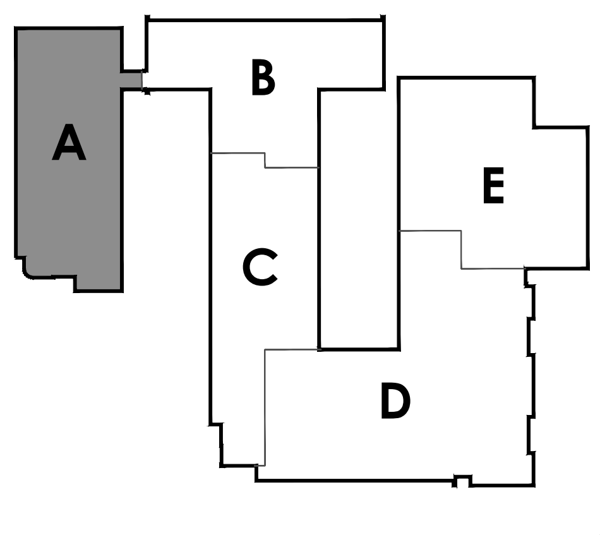
DRAWING NOTES:

1. PROVIDE NEW WASH SINK AS SCHEDULED. PROVIDE NEW COLD WATER AND HOT WATER TO FAUCETS. LOCATE WATER LINES IN CRAWL SPACE BELOW. ACCESS TO CRAWL SPACE IS THROUGH AN ACCESS HATCH IN THE ADJACENT JANITORS CLOSET. PROVIDE NEW 1 1/2" DRAIN WITH AIR ADMITTANCE VALVE FOR SINK. LOCATE AND CONNECT TO EXISTING DRAIN LINE FROM JANITORS CLOSET IN CRAWL SPACE BELOW.

2. REMOVE THE EXISTING SINK BASIN, FAUCET , STOPS SUPPLIES P-TRAP AND WASTE OUTLET PIPING TO THE WALL. PROVIDE NEW SINK AS SPECIFIED. CONNECT NEW CW,HW AND WASTE PIPING TO THE EXISTING ROUGHING FROM THE ORIGINAL SINK. MODIFY THE ROUGHING AS REQUIRED. PROVIDE CUTTING AND PATCHING OF THE WALL TO MATCH.



1 NEW PLUMBING PLAN
SCALE: 1/8" = 1'-0"
N



FIRST FLOOR KEY PLAN
NO SCALE
N

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Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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2/01/2021

Drawing Title :
NEW PLUMBING PLAN

HILLCREST ELEM

APN : 1901.2 | Date : October 2, 2020 | Drawn by : DAR

Drawing Number :
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S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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GENERAL NOTES - REMOVALS

A. ALL WORK IS SHOWN DIAGRAMMATIC, AND ACTUAL SITE CONDITIONS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK.

B. REMOVE ALL EQUIPMENT, PIPING, AND DUCTWORK SHOWN DASHED.

C. THIS CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED TO COMPLETE THIS WORK UNLESS OTHERWISE NOTED. ALL PATCHING AND PAINTING MUST EXACTLY MATCH EXISTING CONDITIONS.

D. EVERY EFFORT HAS BEEN MADE TO INDICATE ALL EQUIPMENT THAT IS BEING REMOVED THROUGH EXISTING DRAWINGS AND FIELD OBSERVATIONS, HOWEVER THE CONTRACTOR IS TO VISIT THE SITE PRIOR TO BIDDING AND VERIFY ALL REMOVALS, SOME DIFFERENCES MAY OCCUR.

E. THIS CONTRACTOR SHALL FIELD VERIFY ALL EXISTING EQUIPMENT AND PIPING LOCATIONS, PIPE SIZES, AND COORDINATE WITH ALL OTHER TRADES.

F. RE-USE EXISTING FLOOR/WALL/ROOF PENETRATIONS WHERE POSSIBLE. PROVIDE NEW PENETRATIONS AS REQUIRED. ALL OPEN PENETRATIONS THROUGH FLOOR AND OR WALLS SHALL BE SEALED OR PATCHED.

G. THIS CONTRACTOR SHALL REMOVE ALL PIPING, VALVES, SPECIALTIES AND CONTROLS ASSOCIATED WITH EACH PIECE OF EQUIPMENT TO BE REMOVED.

H. IF EXISTING HV UNIT, UNIT VENTILATOR, OR ANY OTHER MECHANICAL SYSTEM IS TO BE REMOVED, MC WILL REMOVE ALL ACCESSORIES, HANGERS, SUPPORTS AND EXISTING ROOM SENSORS/THERMOSTATS AND TERMINATE ALL EXISTING WIRES NOT USED IN JUNCTION BOX. ANY HOLES/OPENINGS OF OLD ROOM SENSORS SHALL BE COVERED WITH BLANK STAINLESS STEEL PLATES.

I. THIS CONTRACTOR SHALL REMOVE AND RE-INSTALL ALL CEILINGS AS REQUIRED TO COMPLETE HIS WORK. ANY DAMAGE TO THE EXISTING CEILING AS A RESULT OF THIS WORK SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.

J. ALL EQUIPMENT REMOVED IS PROPERTY OF THE OWNER. IF THE OWNER DEEMS EQUIPMENT "UNSALVAGEABLE" THE CONTRACTOR IS TO DISPOSE OF IT IN A PROPER MANNER.

K. ALL EQUIPMENT TO BE REMOVED SHALL HAVE ALL ACCESSORIES AND SUPPORTS REMOVED WITH IT, WHETHER INDICATED OR NOT. IN ADDITION, UNLESS OTHERWISE NOTED, ANY REFRIGERANT CONTAINING EQUIPMENT THAT IS SHOWN FOR REMOVAL SHALL HAVE ALL REFRIGERANT EVACUATED FROM THE SYSTEM AND PROPERLY DISPOSED OF AND ALL REFRIGERANT PIPING REMOVED FROM THE SITE.

L. ANY EQUIPMENT, PIPING, OR DUCTWORK THAT HAS BEEN REMOVED IN THE PROJECT AND HAS LEFT AN OPENING, ANCHOR POINT, OR OTHER IMPERFECTION IN A FLOOR, WALL, OR ROOF SHALL HAVE THE OPENINGS AND VOIDS INFILLED TO MATCH EXISTING CONDITIONS.

GENERAL INSTALLATION NOTES

A. ALL WORK IS SHOWN DIAGRAMMATIC. FIELD VERIFY ALL EXISTING SITE CONDITIONS, PIPING, DUCTWORK, UNIT LOCATIONS ETC. PRIOR TO THE COMMENCEMENT OF WORK.

B. THIS CONTRACTOR TO VISIT JOB SITE BEFORE BID DATE TO VERIFY ALL EXISTING CONDITIONS INDICATED. IT IS THE RESPONSIBILITY OF THE MC TO VERIFY ALL EXISTING QUANTITIES FOR REPLACEMENT/RECONDITIONING ETC. COORDINATE ALL DUCTWORK, PIPING AND EQUIPMENT LOCATIONS WITH ALL OTHER TRADES.

C. INSTALL NEW SUPPLY DIFFUSERS, REGISTERS, AND EXHAUST GRILLES INTO NEW CEILING GRID AVOIDING LIGHTS, AT APPROXIMATE LOCATIONS SHOWN.

D. ALL RECTANGULAR DUCTWORK BRANCH CONNECTIONS TO HAVE A 45 DEGREE CINCH COLLAR WITH AN INTEGRAL VOLUME DAMPER. ALL ROUND DUCTWORK BRANCH CONNECTIONS TO HAVE A HIGH EFFICIENCY FITTING WITH AN INTEGRAL VOLUME DAMPER.

E. PROVIDE TURNING VANES IN ALL SUPPLY DUCTS COMING OUT OF ROOF-TOP UNITS AND ALL 90 DEG ELBOWS, WHETHER SHOWN OR NOT.

F. PROVIDE ACCESS DOORS FOR ALL FIRE DAMPERS AND DUCT COILS UNLESS OTHERWISE NOTED.

G. PROVIDE A MINIMUM SIZE ACCESS DOOR OF 24"x24" ON ALL FIRE AND FIRE/SMOKE DAMPERS UNLESS NOT PERMITTED BY DUCT SIZE.

H. RE-USE EXISTING FLOOR/SLAB/ROOF PIPING PENETRATIONS WHEREVER POSSIBLE. MC RESPONSIBLE FOR ENLARGING OR MODIFYING EXISTING PENETRATIONS AS REQUIRED TO ACCOMMODATE NEW PIPING.

I. ALL NEW PENETRATIONS FOR PIPING, DUCTWORK OR TO COMPLETE HIS WORK ARE BY THE MC. ALL OPENINGS THAT ARE BY THE GC ARE NOTED ON THESE DRAWINGS OR THE GC DRAWINGS.

J. PROVIDE ADDITIONAL STRUCTURAL STEEL AND HANGERS AS REQUIRED TO INSTALL AND SUPPORT HVAC EQUIPMENT.

K. IN GENERAL, ALL DUCTWORK IS TO BE TIGHT TO JOISTS AND MC IS TO COORDINATE DUCTWORK ELEVATIONS WITH ALL OTHER TRADES.

L. THIS CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING, PATCHING AND PAINTING REQUIRED TO COMPLETE THIS WORK UNLESS OTHERWISE NOTED. ALL PATCHING AND PAINTING MUST EXACTLY MATCH EXISTING CONDITIONS.

M. ALL AREAS WHERE PIPING IS REMOVED AND NOT REPLACED, THIS CONTRACTOR SHALL PATCH THE AREAS TO MATCH EXISTING CONDITIONS.

N. REFER TO PIPING SCHEMATICS FOR DETAILED PIPING INFORMATION FOR BOTH THE HEATING AND DOMESTIC HOT WATER SYSTEMS.

O. NO VALVES SHALL BE PLACED ABOVE/BEHIND DUCTWORK OR IN AN INACCESSIBLE LOCATION.

P. ALL WORK IS SHOWN DIAGRAMMATIC, IF OFFSETS OR TRANSITIONS IN DUCTWORK ARE REQUIRED FOR SITE CONDITIONS, TO MAINTAIN ARCHITECTS CEILING HEIGHTS AND/OR COORDINATION WITH OTHER TRADES IT IS THE RESPONSIBILITY OF THE MC. ADDITIONALLY, IF A TRANSITION FROM ANY TYPE OF AIR HANDLING UNIT TO THE DUCTWORK SIZE INDICATED IS REQUIRED, IT IS THE RESPONSIBILITY OF THE MC, WETHER THE TRANSITION IS SHOWN OR NOT.

Q. REFER TO STRUCTURAL DRAWINGS FOR FINAL LOCATIONS OF UNITS AND PENETRATIONS THROUGH DECKS. STRUCTURAL DRAWINGS ARE TO TAKE PRECEDENCE OVER DUCTWORK DRAWINGS FOR LOCATIONS. ANY OFFSETS OR TRANSITIONS IN DUCTWORK REQUIRED FOR COORDINATION WITH STEEL IS THE RESPONSIBILITY OF THE MC.

R. IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL AIR VENTS OR DRAINS ON THE PIPING SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL NECESSARY AIR VENTS AT HIGH POINTS WHICH COULD ACCUMULATE AIR WHICH WOULD PREVENT THE PROPER OPERATION OF THE HWS&R AND CHWS&R PIPING. DRAINS SHALL BE PROVIDED AT LOW POINTS IN THE SYSTEM TO FACILITATE THE DRAINING OF HWS&R AND CHWS&R PIPING.

S. ALL WORK IS SHOWN DIAGRAMMATIC, IF ELBOWS OR CHANGES IN PIPING ELEVATION ARE REQUIRED FOR SITE CONDITIONS, TO MAINTAIN ARCHITECTS CEILING HEIGHTS AND/OR COORDINATION WITH OTHER TRADES IT IS THE RESPONSIBILITY OF THE MC.

T. UNLESS NOTED ON THE EC OR TC DRAWINGS, THIS CONTRACTOR IS FULLY RESPONSIBLE TO PROVIDE ALL WIRING OR ANY FINAL CONNECTIONS FOR ANY MECHANICAL EQUIPMENT TO MAKE THAT UNIT FULLY OPERATIONAL.

U. INSTALLATION OF ROOF TOP DUCTWORK SHALL BE ACCORDING TO SPECIFICATION SECTION 233330, ITEM 2.15. DUCT LINER INSTALLATION SHALL BE ACCORDING TO SPECIFICATION SECTION 233330 ITEM 2.11. ALSO REFER TO SECTION 230005, ITEM 1.17 FOR STORAGE OF MATERIALS.

GENERAL NOTES - TEMPERATURE CONTROLS

A. ALL WORK SHOWN SHALL BE BY TEMPERATURE CONTROLS CONTRACT UNLESS NOTED OTHERWISE (TYPICAL FOR ALL TC DRAWINGS).

B. WIRE ALL LOW VOLTAGE, LINE VOLTAGE CONTROL, AND COMMUNICATIONS CABLING FOR A COMPLETE FULLY OPERATIONAL SYSTEM. COORDINATE WITH HEATING CONTRACTOR & ELECTRIC CONTRACTOR WHERE REQUIRED FOR ALL INTERFACES.

C. CONTROL PANELS ARE NOT SHOWN ON THE DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROPER QUANTITIES OF PANELS TO MEET I/O SCHEDULE & DIAGRAM I/O. RISER DIAGRAMS ARE FOR INFORMATION ONLY & MAY NOT INDICATE ALL PANELS. ADDITIONALLY, SOME JOBS MAY HAVE LINE VOLTAGE POWER PROVIDED BY THE EC IN POSSIBLE PANEL LOCATIONS. THE TC SHALL REVIEW THESE PRIOR TO BID AND SHALL PROVIDE ANY ADDITIONAL LOCATIONS FOR POWER UNDER HIS CONTRACT AND WITHIN THE TC BID.

D. LOCATE ALL BUILDING CONTROLLERS ON THE SUBMITTAL SO THAT C.C. CAN FURNISH A DATA DROP IN THAT SPACE. T.C. TO COORDINATE WITH E.C..

E. IN ROOMS THAT HAVE A HARD CEILING TC SHALL PROVIDE RACEWAY FOR HIS WIRING. THERE SHALL BE NO EXPOSED CONTROL WIRING IN A OCCUPIED SPACE.

F. TEMPERATURE CONTROL VALVES: SIZE VALVES PER CHART IN SPECIFICATION SECTION WITH MAXIMUM DELTA P OF 3PSI.

G. WHERE ANY THERMOSTAT THAT IS REMOVED, THE WALL SHALL BE PATCHED AND PAINTED TO MATCH THE EXISTING.

H. CONTRACTOR TO COORDINATE THERMOSTAT LOCATIONS WITH APPROVED FURNITURE LAYOUT.

GENERAL

◕	REMOVE / CONNECT TO
(1)	REMOVAL NOTE TAG
⟨1⟩	INSTALLATION NOTE TAG
≀	PIPING BREAK
——⁄\/——	EDGE BREAK LINE
//////	OFFSET FOR CLARITY
(0'-0")	DUCT WORK ELEVATION

DUCTWORK AND FITTINGS

	DUCTWORK W / INTERNAL LINER
	DUCTWORK UNLINED
	TURNING VANES
RND SQ	SQUARE TO ROUND TRANSITION
	HIGH EFFICIENCY TAKE-OFF W / INTEGRAL DAMPER
	VOLUME DAMMPER
A.D.	FIRE DAMPER W / ACCESS DOOR
A.D.	FIRE/SMOKE DAMPER W / ACCESS DOOR
A.D. A.D.	DUCT ACCESS DOOR
	FLEXIBLE DUCTWORK (6' MAX)
	FLEXIBLE COLLAR
(LENGTH)x (HEIGHT)	RECTANGULAR DUCT DESIGNATION
(DIAMETER)"Ø	ROUND DUCT DESIGNATION
(MAJOR AXIS)/ (MINOR AXIS)	FLAT OVAL DUCT DESIGNATION
	ROOF MOUNTED EXHAUST FAN
	4 - WAY SUPPLY DIFFUSER
	2 - WAY SUPPLY DIFFUSER
⊠	RETURN AIR GRILLE
	BACKDRAFT DAMPER (BD-1,2)
SD	SMOKE DETECTOR FURNISHED AND WIRED BY EC, INSTALLED BY MC

FITTINGS & ACCESSORIES

	PIPE ELBOW DOWN
○——	PIPE ELBOW UP
	PIPE TEE DOWN
——‖——	PIPE UNION
	PIPE REDUCER
	CAP - SCREWED
——‖——	PIPE FLANGE
	PIPE STRAINER W / BLOW DOWN
——×——	PIPE ANCHOR
▲	MANUAL AIR VENT
	PRESSURE GUAGE W / SNUBBER
	TEMPERATURE GUAGE
	PIPE ISOLATION JOINT
	RELIEF VALVE (RV)

PIPING

— — — — —	PIPING BEING REMOVED
—— EXR ——	EXISTING PIPING TO REMAIN
—— HWS ——	HOT WATER SUPPLY
— — HWR — —	HOT WATER RETURN
—— LPS ——	LOW PRESSURE STEAM
—— COND ——	CONDENSATE RETURN
—— A ——	COMPRESSED AIR
—— – ——	DOMESTIC COLD WATER
– – – – CD – – – –	CONDENSATE DRAIN (GRAVITY)
– – – – PR – – – –	CONDENSATE DRAIN (PUMPED)
—— RS ——	REFRIGERANT SUCTION LINE
— — RL — —	REFRIGERANT LIQUID LINE
—— HGB ——	HOT GAS BYPASS REFRIGERANT LINE

VALVES

	BALL VALVE(BV)
	BUTTERFLY OR WAFER VALVE(WV)
	GATE VALVE(GV)
	GLOBE VALVE(GLV)
	CHECK VALVE(CKV)
	CONTROL VALVE (2-WAY)
	CONTROL VALVE (3-WAY)
	BALANCING VALVE(CBV)
	TRIPLE DUTY VALVE (TDV)
	FLOW CONTROL VALVE(FCV)
D.V.	DRAIN VALVE ASSEMBLY(SS)

PIPE SIZING

0-2 GPM	3/4" COPPER
3-5 GPM	1" COPPER
6-8 GPM	1-1/4" COPPER
9-14 GPM	1-1/2" COPPER
15-30 GPM	2" COPPER
31-50 GPM	2-1/2" STEEL
51-90 GPM	3" STEEL
91-200 GPM	4" STEEL
201-500 GPM	6" STEEL

TEMP CONTROL SYMBOLS

—— E ——	LINE VOLTAGE BY T.C.
—— e ——	LOW VOLTAGE WIRING BY T.C.
—— + ——	WIRING BY DIV #26(EC)
/////	CONDUCTORS
c	CURRENT FLOW SWITCH (STATUS)CFS-1
	CONTROL RELAY CR-1
	CARBON DIOXIDE SENSOR CDS-1, CDS-2
	DUCT SENSOR, SPS-1
	DAMPER - OPPOSED BLADE D-1
	DAMPER - PARALLEL BLADE D-2
ME	DAMPER ACTUATOR ME-1,-2,3
DP	DIFFERENTIAL PRESSURE SWITCH - DPT-1,1A
ES-1	END SWITCH ES-1
FS	FLOW SWITCH FS-1
◎	HORN
	HUMIDITY SENSOR DUCT MOUNTED HSR
Ⓗ	HUMIDITY SENSOR HSTS
LC-1	LOW TEMERATURE CUT OUT MANUAL RESET LC-1
⊠	MOTOR STARTER
M	MOTION SENSOR MS-1, MDS-1, MDS-2
Ⓜ	MOTOR
‖	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT
©	PROGRAM CLOCK
Ⓟ	PILOT LIGHT
START	START PUSH BUTTON
STOP	STOP PUSH BUTTON
	STATIC PRESSURE FILTER ALARM - DPS-1
	STATIC PRESSURE NETWORK SENSOR SPNL-1
	STATIC PRESSURE SENSOR SPS-1
	SWITCH
	TWO WAY VALVE CVF, CVT
	THREE WAY VALVE CVM, CVT, CVZM
	TEMPERATURE SENSOR ITS, ITS-1
	TEMPERATURE SENSOR AVERAGING TSDA
	TEMPERATURE SENSOR TSD
	TEMPERATURE CONTROL POINT
▭	TEMPERATURE CONTROL PANEL TCP
	TRANSFORMER - XT-1
Ⓣ	THERMOSTAT W / GUARD TSB, TSR
	VARIABLE AIR VOLUME MODULAR ASSEMBLY VMA
VFD	VARIABLE FREQUENCY DRIVE
ECM	ECM (ELECTRICALLY COMMUTATED MOTOR)

ABBREVIATIONS

A	AIR OR COMPRESSED AIR
AC	AIR CONDITIONING
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
APD	AIR PRESSURE DROP AUTOMATIC
ATC	TEMPERATURE CONTROL
ATM	ATMOSPHERE
ACCU	AIR COOLED CONDENSING UNIT
ADJ	ADJUSTABLE
BD	BACKDRAFT DAMPER
BHP	BRAKE HORSEPOWER
BOD	BOTTOM OF DUCT
BMS	BUILDING MANAGEMENT SYSTEM
BC	BOOKCASE
CH	CABINET HEATER
CFM	CUBIC FEET PER MINUTE
CT	COOLING TOWER
CH	CABINET UNIT HEATER
CD	CONTROL DAMPER
DB	DRY BULB
DEG	DEGREE
DDC	DIRECT DIGITAL CONTROL
DP	DIFFERENTIAL PRESSURE
DAC	DUCTLESS SPLIT A/C UNIT
DCU	DUCTLESS SPLIT CONDENSING UNIT
DHU	DEHUMIDIFYING UNIT
DS	DUCT SILENCER
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
EMS	ENERGY MANAGEMENT SYSTEM
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EXR	EXISTING TO REMAIN
ERU	ENERGY RECOVERY UNIT
EG	EXHAUST GRILL
F	FAHRENHEIT
FA	FREE AREA
FCU	FAN COIL UNIT
FRD-B/A	FIRE DAMPER
FRD-S	FIRE/SMOKE DAMPER
FLA	FULL LOAD AMPS
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FS	FLOW SWITCH
FTR	FIN TUBE RADIATION
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
HV	HEATING & VENTILATING UNIT
HD	HEAD
HP	HORSEPOWER
HRU	HEAT RECOVERY UNIT
HTG	HEATING
HP	HEAT PUMP UNIT
HZ	HERTZ (CYCLES PER SECOND)
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MAT	MIXED AIR TEMPERATURE
MBH	1000 BTU/HR
MC	MECHANICAL CONTRACTOR
MUA	MAKE UP AIR
MCA	MINIMUM CIRCUIT AMPACITY
MOP/ MOCP	} MAXIMUM OVERCURRENT PROTECTION
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NOM	NOMINAL
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
ODP	OPEN DRIP PROOF
OV	OPEN VELOCITY
OAT	OUTSIDE AIR TEMPERATURE
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQ IN
RESR	ROOF EQUIPMENT SUPPORT RAIL
RH	ROOF HOOD
RTU	ROOFTOP UNIT
RA	RETURN AIR
RET	RETURN
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
SAT	SUPPLY AIR TEMPERATURE
SF	SUPPLY FAN
SCV	SELF CONTAINED VALVE
SA	SUPPLY AIR
SP	STATIC PRESSURE
SG	SUPPLY GRILL
T	TEMPERATURE OR THERMOSTAT
TEMP	TEMPERATURE
TON	12,000 BTUH (COOLING CAPACITY)
TSB	TEMPERATURE SENSOR BUTTON TYPE
TSR	TEMPERATURE SENSOR W/DISPLAY
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
TC	TEMPERATURE CONTROL CONTRACTOR
UV	UNIT VENT
UH	UNIT HEATER
UC	UTILITY COMPARTMENT
V	VOLTS
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VEL	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
VFC	VARIABLE REFRIGERANT FAN COIL
WB	WET BULB TEMPERATURE
WG	WATER GAGE
WPD	WATER PRESSURE DROP

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Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
HVAC NOTES AND SYMBOLS

HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

Drawing Number :
MH 001

UNIT VENTILATOR SCHEDULE

TAG	LOCATION	TYPE	AIRSIDE PERFORMANCE			STEAM PERFORMANCE					COOLING PERFORMANCE						ELECTRICAL DATA				MANUFACTURER & MODEL NO.	NOTES
			FAN SPEED SETTING	SUPPLY (CFM)	MIN. O.A. (CFM)	CAPACITY (MBH)	E.A.T. (°F)	L.A.T. (°F)	STEAM PRESS	ROWS	TOTAL MBH	SENSIBLE MBH	EAT (DB/WB)	LAT (DB/WB)	COIL TYPE	REFRIGERANT	VOLT	PHASE	MCA	MAX FUSE		
UV–2	RM 2	VERTICAL	MED	1500	474	81	44	95	2	2	52	40	82/68	53/52	DX	R–410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV–3	RM 3	VERTICAL	MED	1500	474	81	44	95	2	2	52	40	82/68	53/52	DX	R–410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV–4	RM 4	VERTICAL	MED	1500	475	81	44	95	2	2	52	40	82/68	53/52	DX	R–410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV–5	RM 5	VERTICAL	MED	1500	475	81	44	95	2	2	52	40	82/68	53/52	DX	R–410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV–6	RM 6	VERTICAL	MED	1500	475	81	44	95	2	2	52	40	82/68	53/52	DX	R–410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV–7	RM 7	VERTICAL	MED	1500	490	82	44	95	2	2	52	40	82/68	53/52	DX	R–410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV–8	RM 8	VERTICAL	MED	1500	490	82	44	95	2	2	52	40	82/68	53/52	DX	R–410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV–9	RM 9	VERTICAL	MED	1500	490	82	44	95	2	2	52	40	82/68	53/52	DX	R–410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV–10	RM 10	VERTICAL	MED	1500	490	82	44	95	2	2	52	40	82/68	53/52	DX	R–410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8

REMARKS:

1. PROVIDE MANUFACTURERS DISCONNECT, FACTORY MOUNTED AND WIRED.
2. PROVIDE UNIT WITH MANUFACTURERS THREE SPEED SWITCH SET TO AIRFLOW INDICATED.
3. PROVIDE UNIT WITH STEAM CONTROL VALVE.
4. COLOR SELECTION BY ARCHITECT.
5. UNIT TO COME WITH FACTORY MICROTECH CONTROLLER.
6. PROVIDE BASIC WALL MOUNTED ROOM SENSOR, PT # 910247450.
7. PROVIDE SS DRAIN PAN.
8. PROVIDE MANUFACTURERS WALL SLEEVE.

UNIT VENTILATOR SCHEDULE

TAG	LOCATION	TYPE	AIRSIDE PERFORMANCE			HYDRONIC PERFORMANCE									COOLING PERFORMANCE						ELECTRICAL DATA				MANUFACTURER & MODEL NO.	NOTES
			FAN SPEED SETTING	SUPPLY (CFM)	MIN. O.A. (CFM)	CAPACITY (MBH)	E.A.T. (°F)	L.A.T. (°F)	E.W.T. (°F)	L.W.T. (°F)	FLOW RATE (GPM)	W.P.D. (FT.)	FLUID	ROWS	TOTAL MBH	SENSIBLE MBH	EAT (DB/WB)	LAT (DB/WB)	COIL TYPE	REFRIGERANT	VOLT	PHASE	MCA	MAX FUSE		
UV–17	RM 17	VERTICAL	MED	1250	447	71	41	95	180	122.6	2.5	0.8	HW	2	52	40	82/68	53/52	DX	R–410A	208	3	27	40	DAIKIN – AZQ 044	1,2,3,4,5,6,7,8
UV–18	RM 18	VERTICAL	MED	1250	447	71	41	95	180	122.6	2.5	0.8	HW	2	52	40	82/68	53/52	DX	R–410A	208	3	27	40	DAIKIN – AZQ 044	1,2,3,4,5,6,7,8
UV–19	RM 19	VERTICAL	MED	1250	447	71	41	95	180	122.6	2.5	0.8	HW	2	52	40	82/68	53/52	DX	R–410A	208	3	27	40	DAIKIN – AZQ 044	1,2,3,4,5,6,7,8
UV–20	RM 20	VERTICAL	MED	1250	447	71	41	95	180	122.6	2.5	0.8	HW	2	52	40	82/68	53/52	DX	R–410A	208	3	27	40	DAIKIN – AZQ 044	1,2,3,4,5,6,7,8
UV–27	RM 27	VERTICAL	MED	1250	504	76	38	95	180	129.2	3.0	0.8	HW	2	52	40	82/68	53/52	DX	R–410A	208	3	27	40	DAIKIN – AZQ 044	1,2,3,4,5,6,7,8

REMARKS:

1. PROVIDE MANUFACTURERS DISCONNECT, FACTORY MOUNTED AND WIRED.
2. PROVIDE UNIT WITH MANUFACTURERS THREE SPEED SWITCH SET TO AIRFLOW INDICATED.
3. PROVIDE UNIT WITH FACE AND BYPASS.
4. COLOR SELECTION BY ARCHITECT.
5. UNIT TO COME WITH FACTORY MICROTECH CONTROLLER.
6. PROVIDE BASIC WALL MOUNTED ROOM SENSOR, PT # 910247450.
7. PROVIDE SS DRAIN PAN.
8. PROVIDE MANUFACTURERS WALL SLEEVE.

PLUMBING FIXTURE SCHEDULE

TAG	ITEM	MANUFACTURER & MODEL	WASTE	VENT	CW	HW	FITTINGS/ACCESSORIES OR DESIGN DATA	ITEM DESCRIPTION
S-1	SINGLE BASIN SS DROP IN SINK	JUST ADA STYLIST GROUP MODEL # SL-ADA-2019-A-GR	2"	1-1/2"	1/2"	1/2"	CHICAGO FAUCETS FITTING NUMBER 201-AL8ABCP 369 LEVER HANDLES	STAINLESS STEEL DROP IN SINK 8" CENTERS, J-35 DRAIN W/BASKET STRAINER 1 1/2" DI A 4" LONG TAILPIECE. ADA OFFSET AND P-TRAP 17GA 1 1/2" DIA MCGUIRE LF2165LK SUPPLY KIT

NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR LEFT-HAND OR RIGHT-HAND FIXTURES. ADA STANDARDS, FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.
2. FIXTURE COLORS ARE TO BE WHITE UNLESS OTHERWISE DIRECTED BY ARCHITECT.
3. FOR ADA SINKS AND LAVATORIES; ON EXPOSED TRIM PROVIDE WHITE MOLDED CLOSED CELL VINYL INSULATION KIT FOR P-TRAP AND ANGLE VALVE ASSEMBLIES, TRUEBRO, INC. "HANDI LAV-GUARD"; OR APPROVED EQUAL.
4. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL PLUMBING ACCESSORIES.
5. FAUCETS WITH HOT & COLD SUPPLIES WITH HOSE CONNECTIONS SHALL BE PROVIDED WITH VACUUM BREAKER & INTEGRAL CHECK VALVES OR CHECK VALVES ON ACCESSIBLE SUPPLY PIPING NEXT TO SERVICE VALVES.

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Drawing Number :
MH
002

Drawing Title :
HVAC SCHEDULES

HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

Revision :
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2/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

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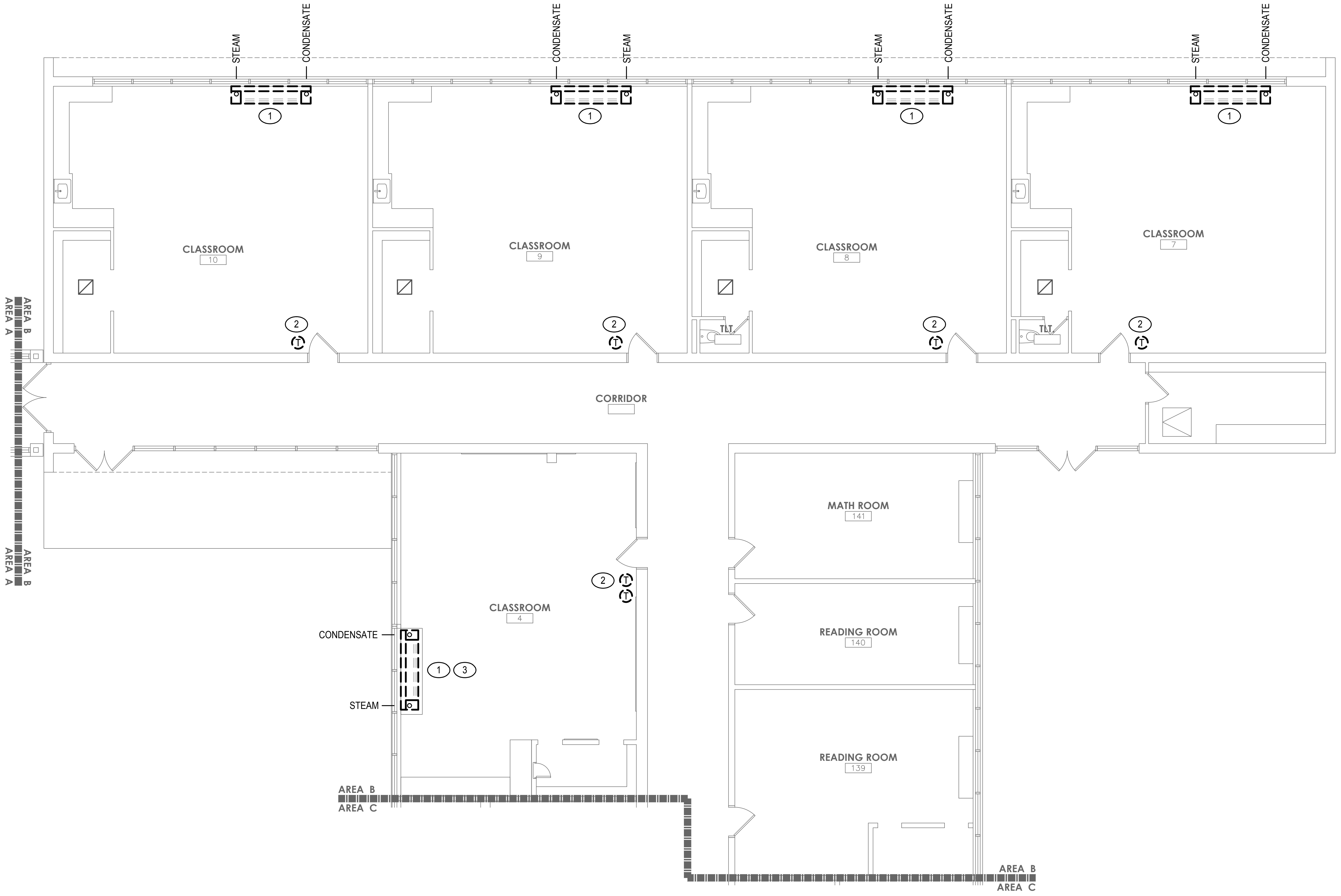
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

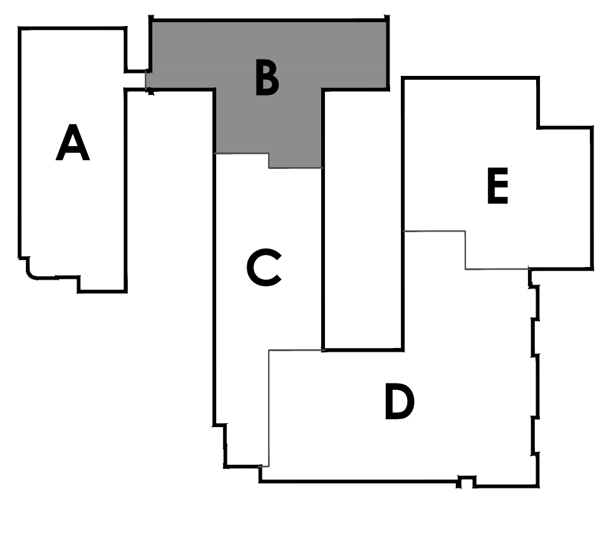
DRAWING NOTES: ⬡

1. DISCONNECT AND REMOVE EXISTING UNIT VENTILATOR, INCLUDING STEAM AND CONDENSATE PIPING DOWN THROUGH FLOOR, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES. COORDINATE EXACT EXTENDS OF REMOVAL WITH PROPOSED NEW UNIT VENTILATOR..
2. REMOVE THERMOSTAT WITH ALL WIRING. PATCH WALL AS REQUIRED.
3. COORDINATE REMOVALS WITH HAZMAT CONTRACTOR.



1 **FIRST FLOOR PLAN - AREA B** N

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



FIRST FLOOR KEY PLAN N

NO SCALE

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Drawing Number :

MH 201

Drawing Title :

FIRST FLOOR
REMOVAL PLAN - AREA B

HILLCREST ELEMENTARY

APN : 1901.2
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Drawn by : DMB

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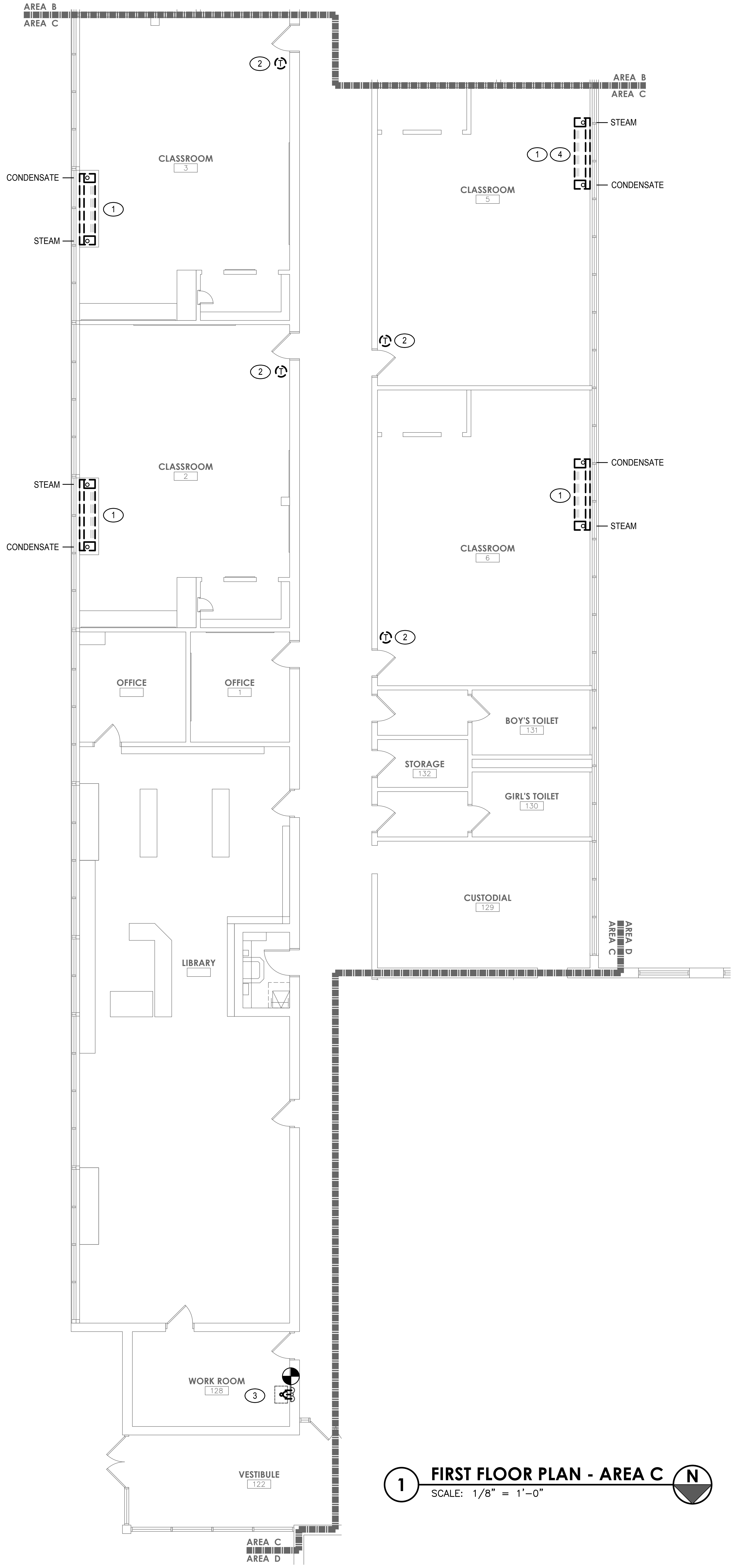


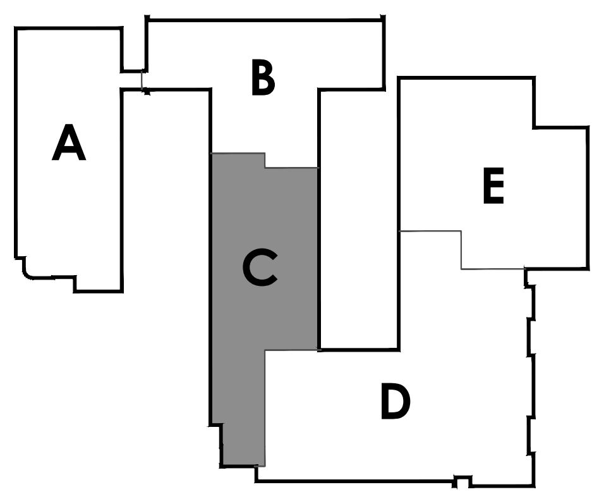
1 **FIRST FLOOR PLAN - AREA C**

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

N

DRAWING NOTES: ○

1. DISCONNECT AND REMOVE EXISTING UNIT VENTILATOR, INCLUDING STEAM AND CONDENSATE PIPING DOWN THROUGH FLOOR, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES. COORDINATE EXACT EXTENDS OF REMOVAL WITH PROPOSED NEW UNIT VENTILATOR.
2. REMOVE THERMOSTAT WITH ALL WIRING. PATCH WALL AS REQUIRED.
3. REMOVE SINK, FAUCET, STOPS SUPPLIES P-TRAP AND WASTE OUTLET PIPING. REMOVE TO WALL LINE. ROUGHING TO BE RE-USED FOR NEW SINK PROVIDE RE-ROUGHING AS REQUIRED. CUT AND PATCH TO MATCH.
4. COORDINATE REMOVALS WITH HAZMAT CONTRACTOR.



FIRST FLOOR KEY PLAN

NO SCALE

N

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Drawing Title :

FIRST FLOOR
REMOVAL PLAN - AREA C

HILLCREST ELEMENTARY

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Drawn by : DMB

Revision :

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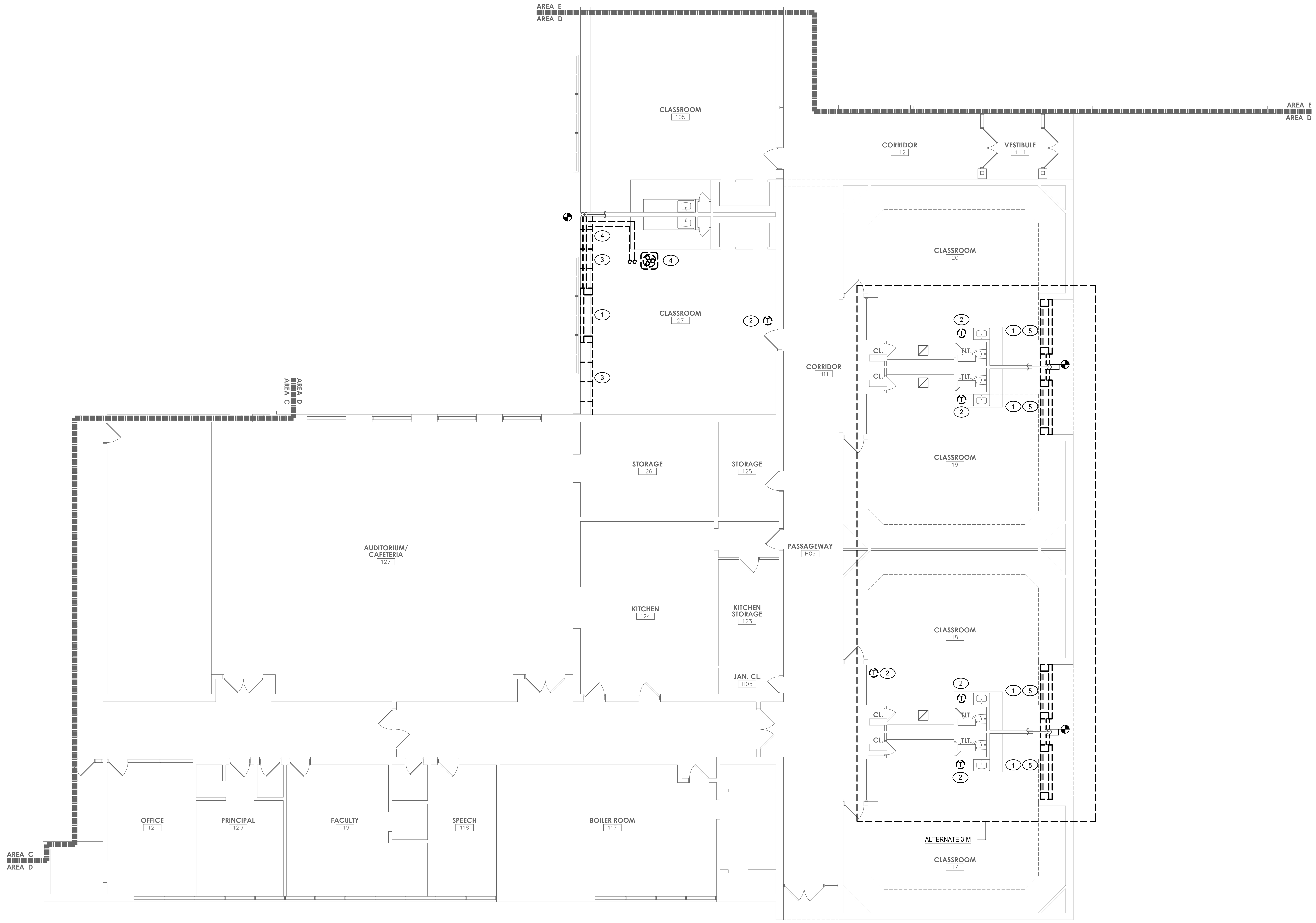
DRAWING NOTES: ⬡

1. DISCONNECT AND REMOVE EXISTING UNIT VENTILATOR, INCLUDING HWS&R PIPING, CONTROLS, DAMPERS, WIRING, AND ALL ASSOCIATED APPURTENANCES. COORDINATE EXACT EXTENDS OF REMOVAL WITH PROPOSED NEW UNIT VENTILATOR.
2. REMOVE THERMOSTAT WITH ALL WIRING. PATCH WALL AS REQUIRED.
3. REMOVE BOOKCASES.
4. REMOVE ROOF MOUNTED CONDENSING UNIT WITH REFRIGERANT PIPING AND ALL ACCESSORIES.
5. COORDINATE REMOVALS WITH HAZMAT CONTRACTOR.



① **FIRST FLOOR PLAN - AREA D**
SCALE: 1/8" = 1'-0"
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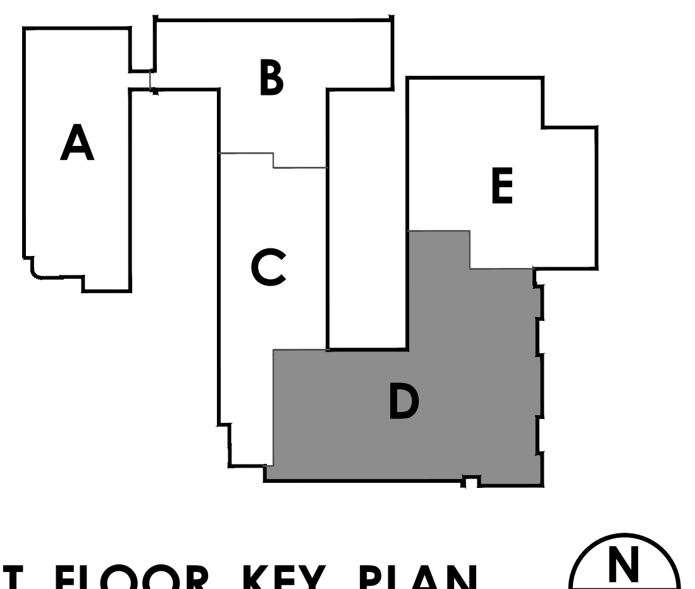

FIRST FLOOR KEY PLAN
NO SCALE
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Drawing Number :
MH 203

Drawing Title :
FIRST FLOOR
REMOVAL PLAN - AREA D

HILLCREST ELEMENTARY

APN : 1901.2 | Date : October 2, 2020 | Drawn by : DMB

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DRAWING NOTES:

A. EXTEND THE STEAM AND CONDENSATE LINES TO THE NEW LOCATIONS FOR THE NEW LONGER UNIT VENT. THE UNIT DOES NOT ALLOW FOR PIPING ON BOTH SIDES OF THE UNIT.

B. ALL LOUVERS ARE TO BE MEASURED BEFORE THEY ARE ORDERED. ANY INCONSISTENCIES ARE TO BE COORDINATED PRIOR TO ANY SUBMITTALS.

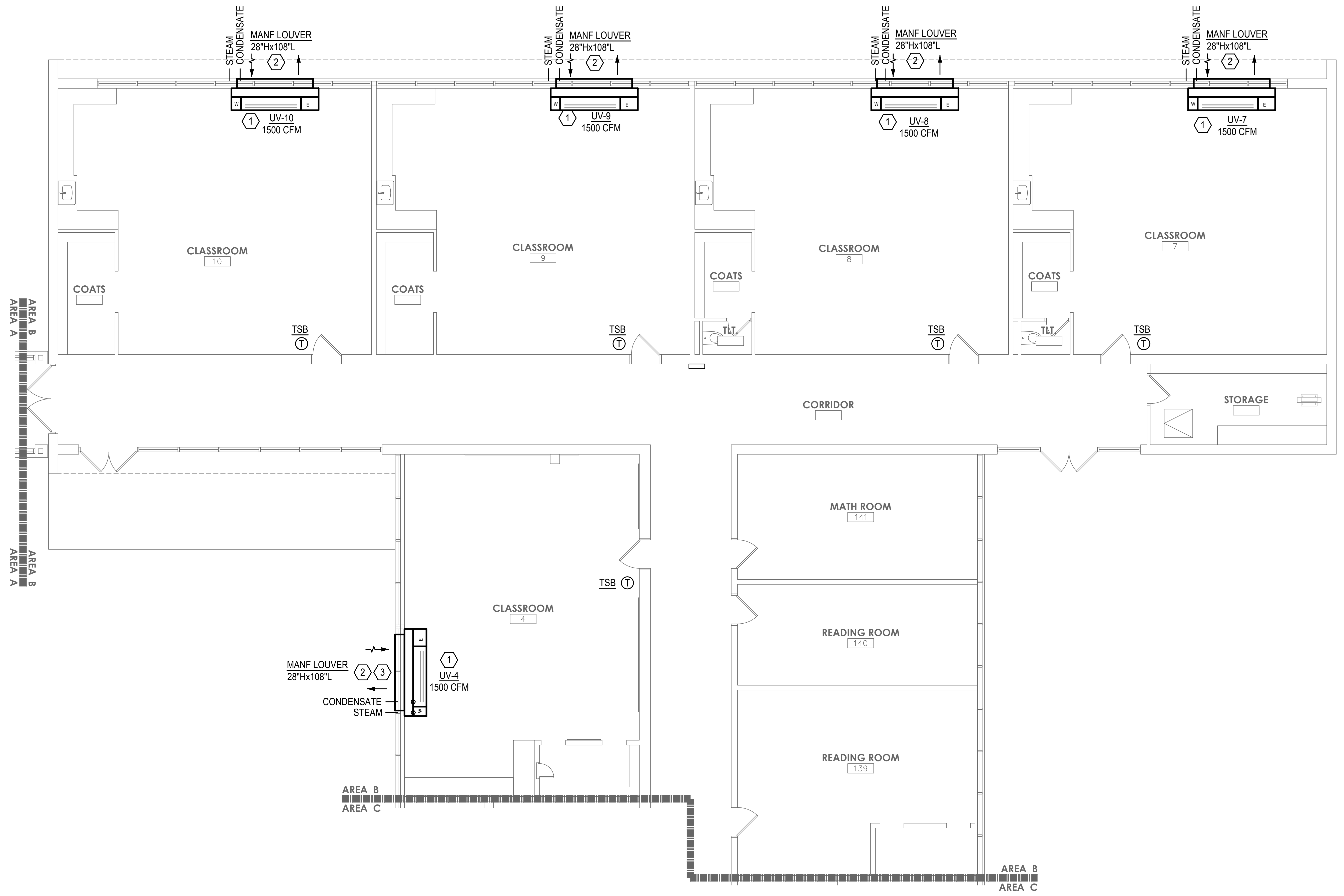
C. ALL LOUVERS ARE TO BE A DIVIDED LOUVER THAT WILL PREVENT THE AIR STREAMS FROM CROSSING.

DRAWING NOTES: ⬡

1. INSTALL NEW UNIT VENT IN LOCATION SHOWN. EXTEND 1" STEAM AND 3/4" CONDENSATE PIPING TO NEW LOCATION ON UNIT VENT. PROVIDE NEW FLOOR OPENINGS FOR PIPING. PROVIDE ALL NEW STEAM SPECIALTIES PER DETAIL ON 600 SERIES. UNIT VENT WILL NEED TO BE INSTALLED SO NEW LOUVER/WALL OPENING DOES NOT INTERFERE WITH EXISTING WINDOW COLUMN.

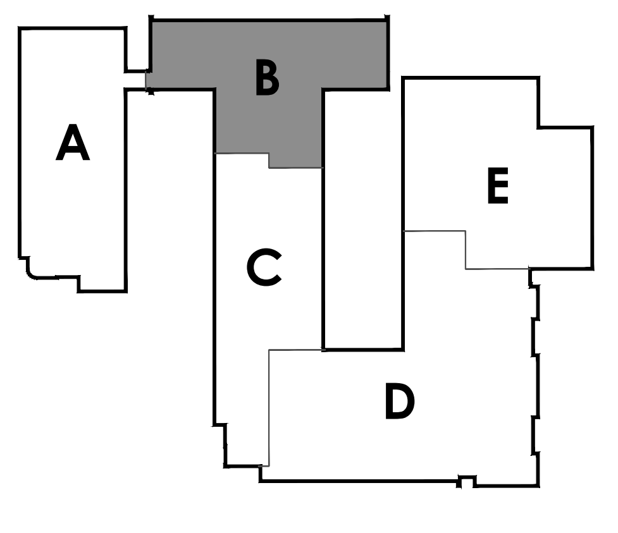
2. PROVIDE NEW LOUVER AND NEW CUSTOM WALL SLEEVE WITH DIVIDERS SO THE AIR STREAMS DO NOT CROSS. GC TO PROVIDE OPENING AND LINTEL.

3. REMOVE LOUVER AND PART OF THE WALL SLEEVE TO VERIFY WALL CONSTRUCTION PRIOR TO SUBMITTALS TO VERIFY FINAL HEIGHT OF NEW LOUVER. RE-INSTALL LOUVER AFTER REVIEW.



① FIRST FLOOR PLAN - AREA B

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



FIRST FLOOR KEY PLAN

NO SCALE

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Drawing Number :

MH 401

Drawing Title :

FIRST FLOOR
HVAC PLAN - AREA B

HILLCREST ELEMENTARY

APN : 1901.2 | Date : October 2, 2020 | Drawn by : DMB

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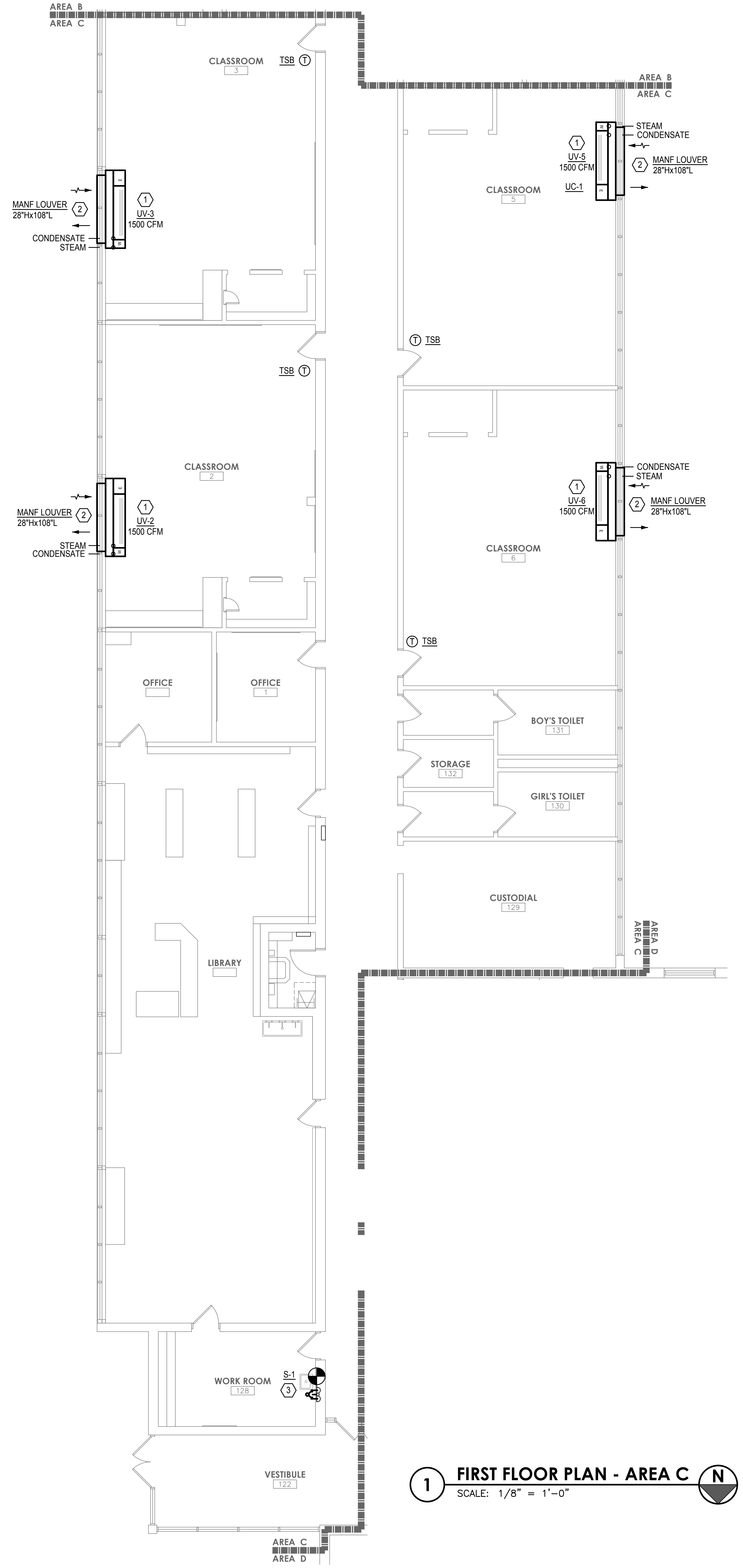


1 **FIRST FLOOR PLAN - AREA C**
SCALE: 1/8" = 1'-0"

DRAWING NOTES:

A. EXTEND THE STEAM AND CONDENSATE LINES TO THE NEW LOCATIONS FOR THE NEW LONGER UNIT VENT. THE UNIT DOES NOT ALLOW FOR PIPING ON BOTH SIDES OF THE UNIT.

B. ALL LOUVERS ARE TO BE MEASURED BEFORE THEY ARE ORDERED. ANY INCONSISTENCIES ARE TO BE COORDINATED PRIOR TO ANY SUBMITTALS.

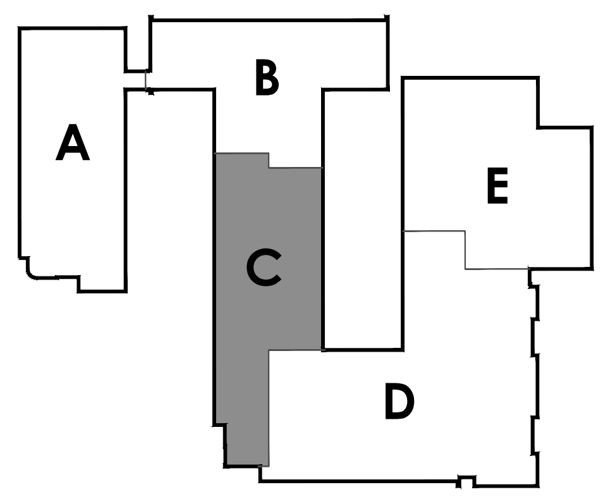
C. ALL LOUVERS ARE TO BE A DIVIDED LOUVER THAT WILL PREVENT THE AIR STREAMS FROM CROSSING.

DRAWING NOTES: ⬡

1. INSTALL NEW UNIT VENT IN LOCATION SHOWN. EXTEND 1" STEAM AND 3/4" CONDENSATE PIPING TO NEW LOCATION ON UNIT VENT. PROVIDE NEW FLOOR OPENINGS FOR PIPING. PROVIDE ALL NEW STEAM SPECIALTIES PER DETAIL ON 600 SERIES. UNIT VENT WILL NEED TO BE INSTALLED SO NEW LOUVER/WALL OPENING DOES NOT INTERFERE WITH EXISTING WINDOW COLUMN.

2. PROVIDE NEW LOUVER AND NEW CUSTOM WALL SLEEVE WITH DIVIDERS SO THE AIR STREAMS DO NOT CROSS. GC TO PROVIDE OPENING AND LINTEL.

3. PROVIDE NEW SINK AS SCHEDULED. PROVIDE CONNECTIONS TO THE EXISTING SINK ROUGHING. CUT AND PATCH AS REQUIRED.



FIRST FLOOR KEY PLAN
NO SCALE

N

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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2/01/2021

Drawing Title :
FIRST FLOOR
HVAC PLAN - AREA C

HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

Drawing Number :
MH 402

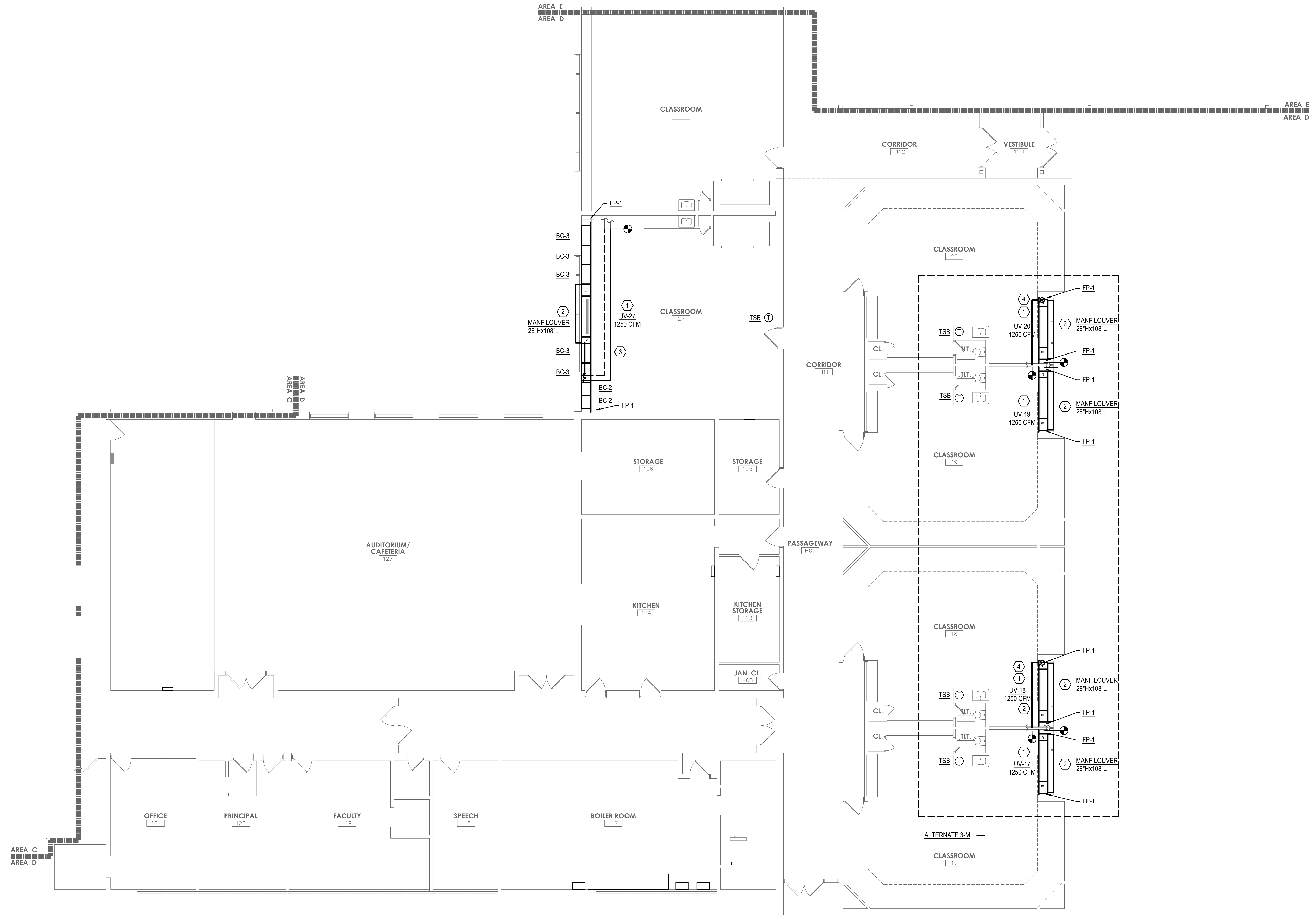
DRAWING NOTES:

A. ALL LOUVERS ARE TO BE MEASURED BEFORE THEY ARE ORDERED. ANY INCONSISTENCIES ARE TO BE COORDINATED PRIOR TO ANY SUBMITTALS.

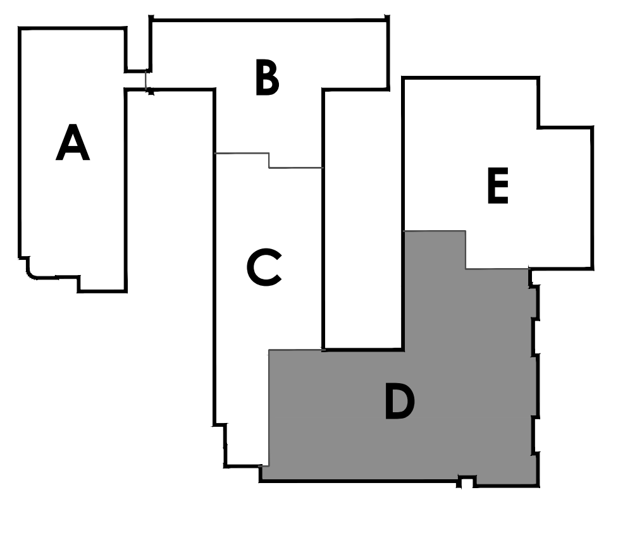
B. ALL LOUVERS ARE TO BE A DIVIDED LOUVER THAT WILL PREVENT THE AIR STREAMS FROM CROSSING.

DRAWING NOTES: ⬡

1. INSTALL NEW UNIT VENT IN LOCATION SHOWN. CONNECT TO EXISTING HWS&R PIPING. PROVIDE ALL NEW WATER SPECIALTIES PER DETAIL ON 600 SERIES.
2. PROVIDE NEW LOUVER AND NEW CUSTOM WALL SLEEVE WITH DIVIDERS SO THE AIR STREAMS DO NOT CROSS. GC TO PROVIDE OPENING AND LINTEL.
3. TIE INTO HWS&R PIPING IN CEILING AND RUN1" HWS&R PIPING ABOVE CEILING AND DOWN WALL TO PIPE TUNNEL BEHIND BOOKCASE. RUN PIPING THOUGH TUNNEL TO NEW UNIT VENT END COMPARTMENT. PROVIDE PIPE ENCLOSURE OVER PIPING.
4. TIE INTO HWS&R PIPING IN CHASE/ABOVE CEILING AND RUN 3/4" HWS&R PIPING ABOVE CEILING AND DOWN TO UNIT VENT END COMPARTMENT. PROVIDE PIPE ENCLOSURE OVER PIPING.



1 FIRST FLOOR PLAN - AREA D
SCALE: 1/8" = 1'-0"



FIRST FLOOR KEY PLAN
NO SCALE

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Drawing Number :
MH
403

Drawing Title :
FIRST FLOOR
HVAC PLAN - AREA D

HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : DMB

Revision :
ISSUED FOR BID
2/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Seal

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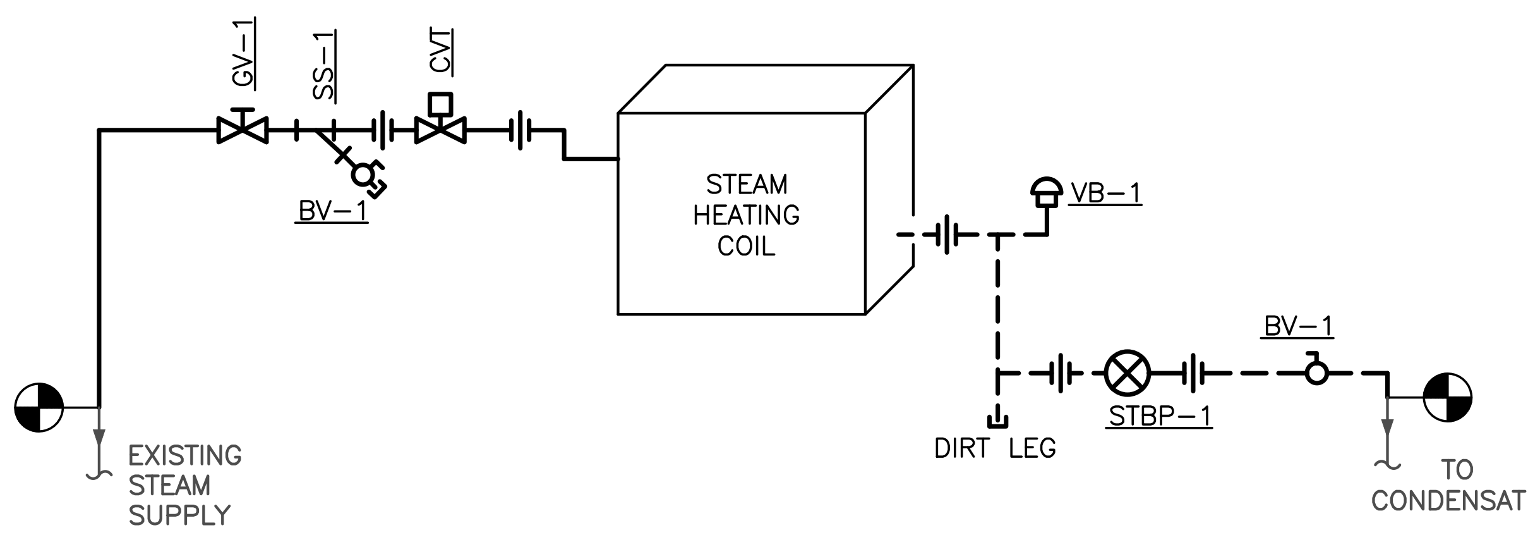
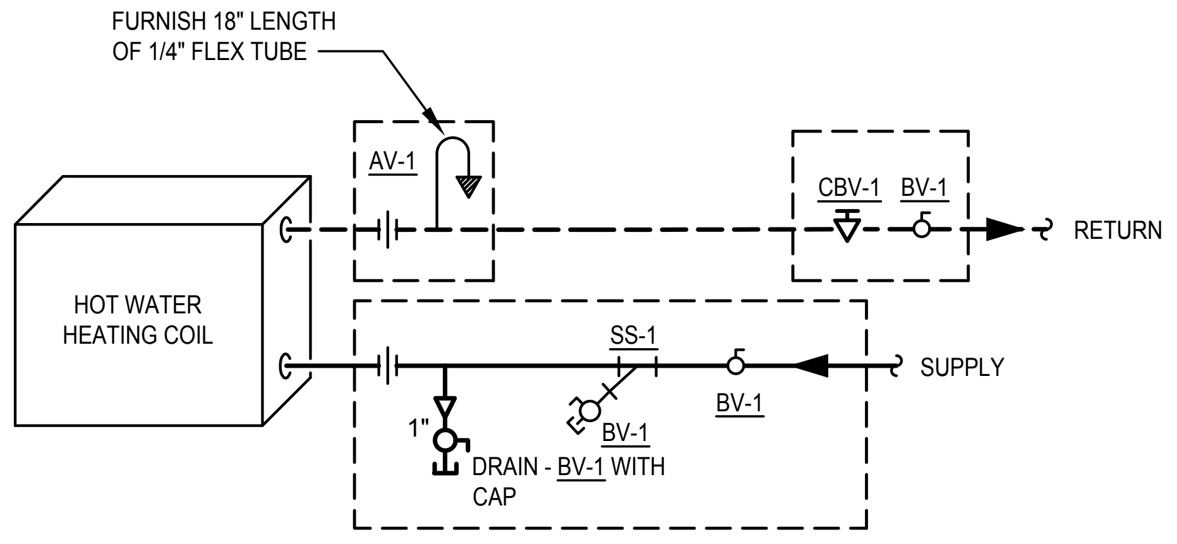


1 STEAM UV HEATING COIL DIAGRAM

SCALE : NONE

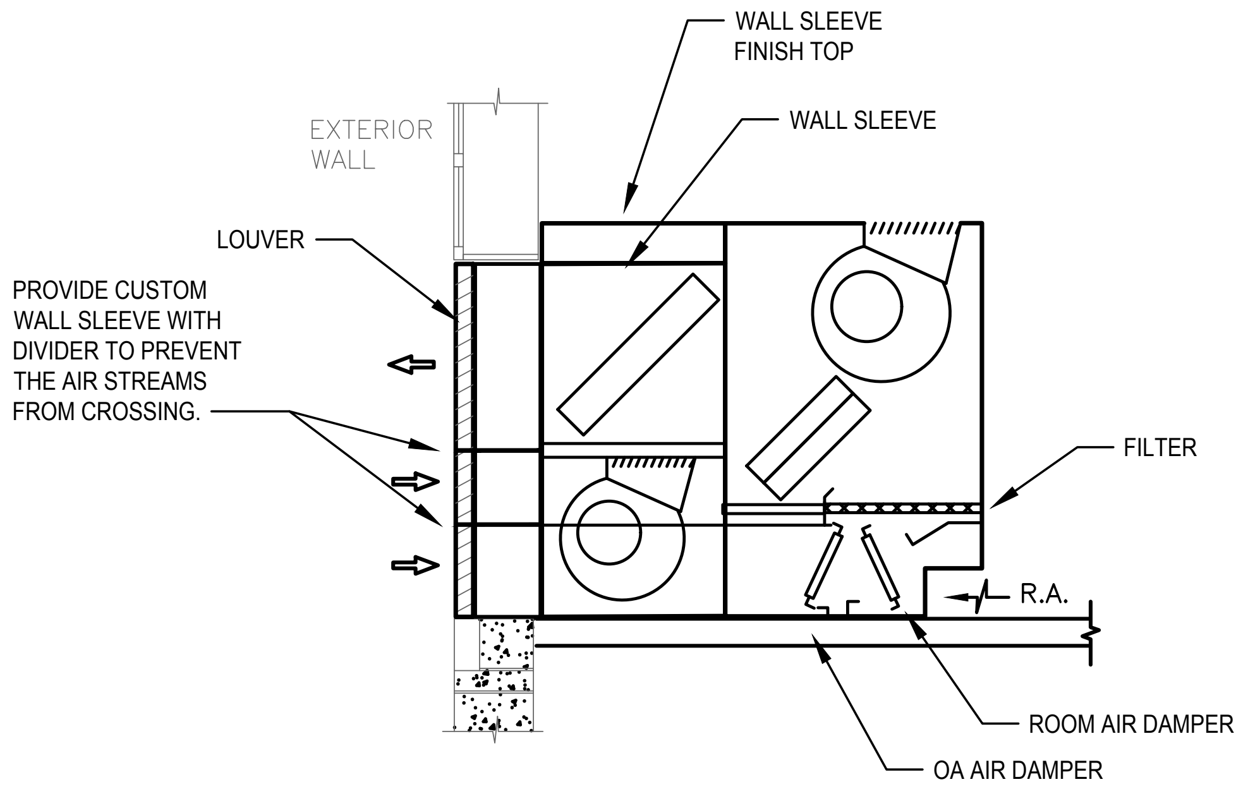


2 TYPICAL UV COIL PIPING DIAGRAM (2-WAY CONTROL VALVE)

SCALE : NONE

NOTES:

1. FCV SIZED TO MATCH FLOW.
2. PROVIDE UNIONS ON COIL AND CONTROL VALVE CONNECTIONS.
3. AREAS SHOWN IN DASHED BOXES WILL BE ALLOWED FOR COIL KITS.
4. COILS KITS THAT ARE SUPPLIED WITH FLEXIBLE HOSES WILL BE REJECTED WITHOUT REVIEW.
5. NOTE-STRAINER TO BE USED A DRAIN. INSTALL AS REQUIRED.

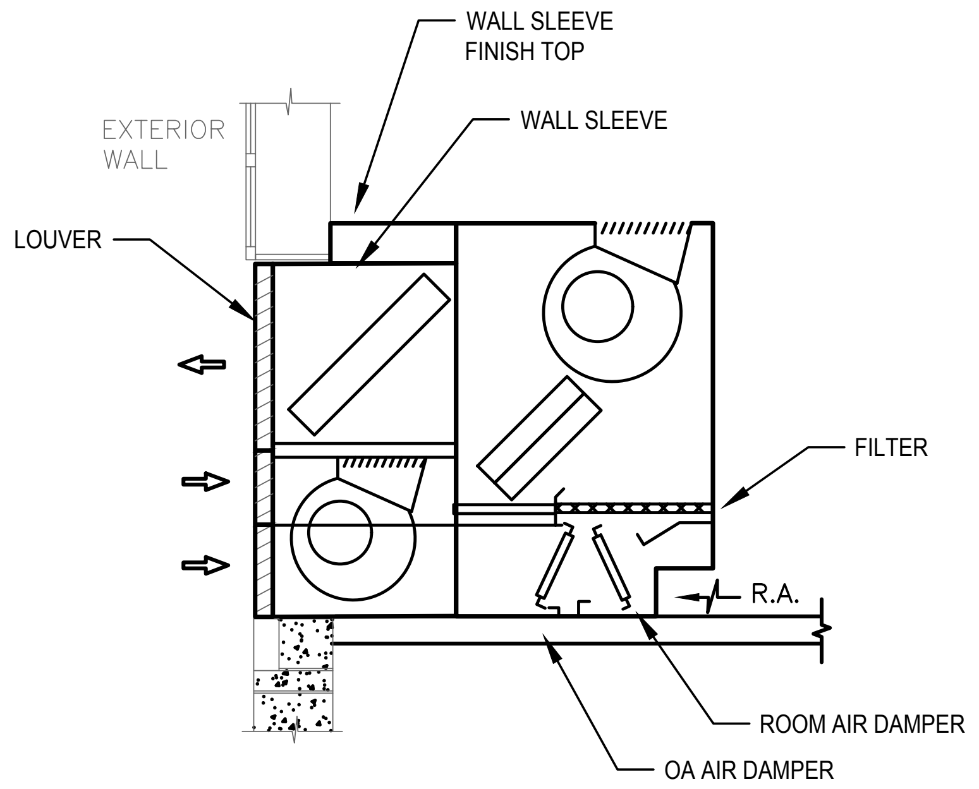


ELEVATION VIEW

NOTE:

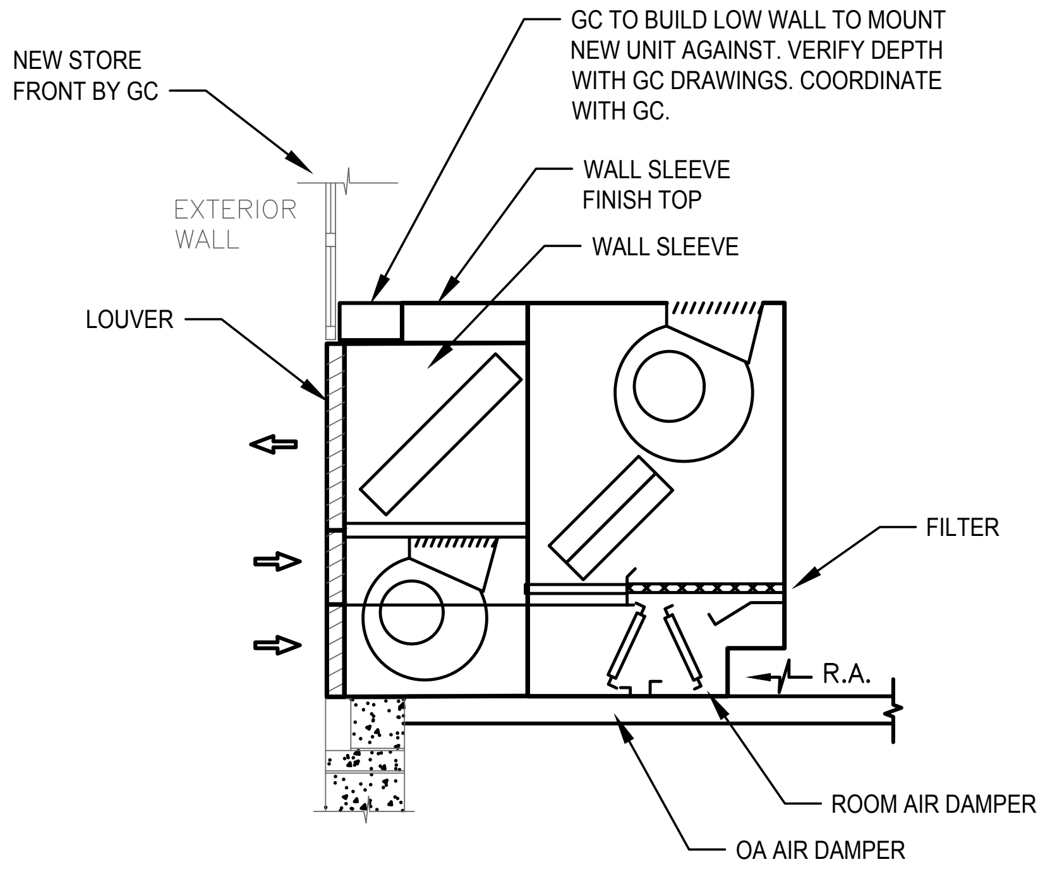
1. UNIT IS TO BE INSTALLED TIGHT AGAINST OUTSIDE WALL WITH WALL SLEEVE FULLY INTO ROOM. PROVIDE CUSTOM WALL SLEEVE FROM UNIT VENT TO LOUVER. SLEEVE TO HAVE DIVIDER IN IT TO PREVENT THE AIR STREAMS FROM CROSSING. UNIT TO BE SEALED AGAINST OUTSIDE WALL SO NO OUTSIDE AIR ENTERS UNIT OR ROOM.
2. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

FOR ROOMS: 2, 3, 4, 5, 6, 7, 8, 9 & 10



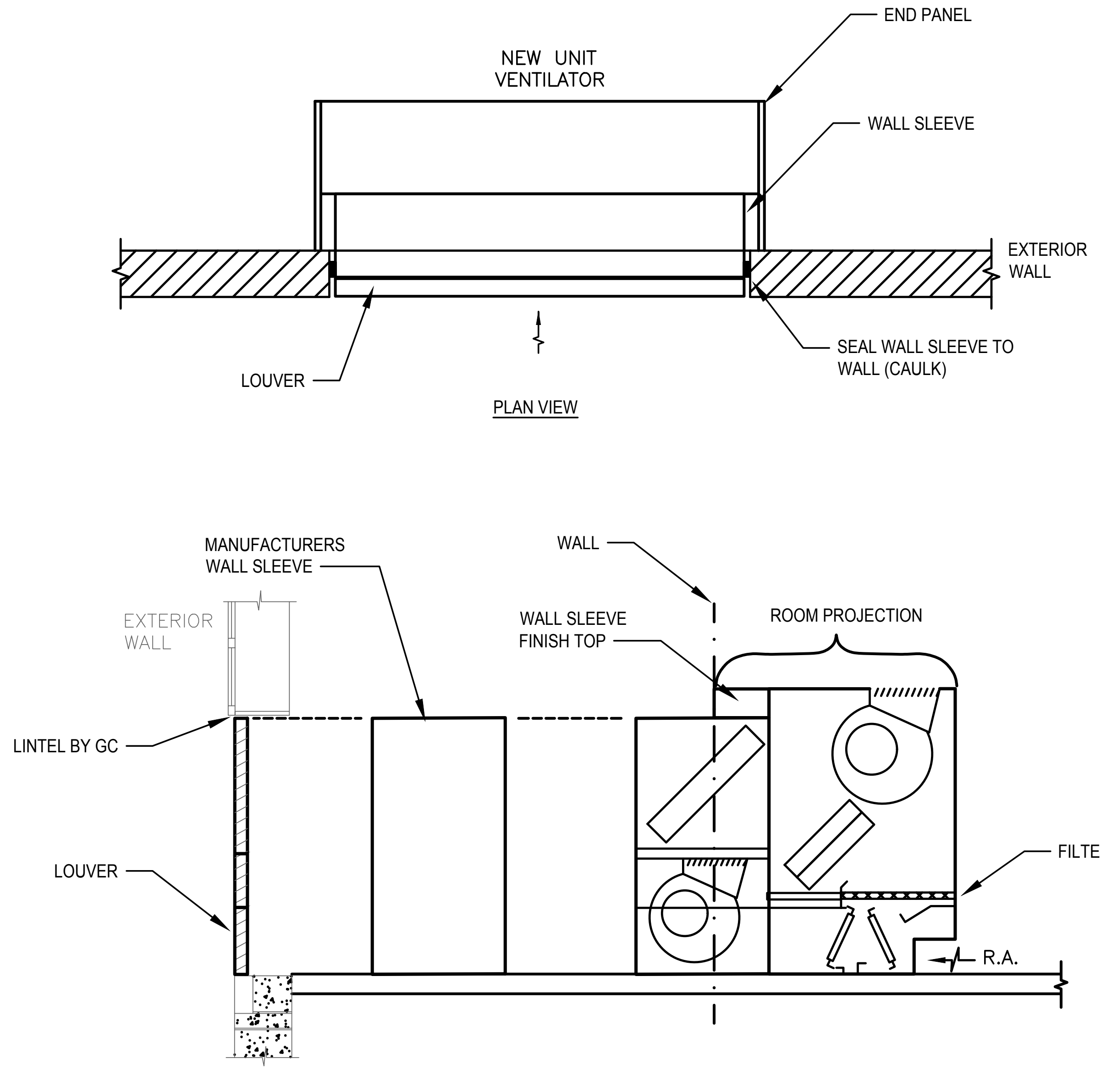
ELEVATION VIEW

FOR ROOM: 27



ELEVATION VIEW

FOR ROOMS: 17, 18, 19 & 20



ELEVATION VIEW

TYPICAL INSTALLATION

3 UNIT VENTILATOR DETAIL

SCALE : NONE

GENERAL UNIT VENTILATOR INSTALLATION NOTES

1. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO INSURE THAT ALL AREAS OF THE UNIT VENTILATOR ARE COMPLETELY SEALED AND INSULATED TO THE OUTSIDE AIR INTAKE.
2. AS WALL CONDITIONS VARY AT EACH INDIVIDUAL UNIT THIS CONTRACTOR MUST PROVIDE SAFING, INSULATION, SHEET METAL, AND ACCESSORIES REQUIRED TO SEAT UNIT VENTILATOR FIRMLY AGAINST THE WALL.
3. REFER TO PIPING DETAIL FOR WATER SPECIALTIES.
4. THE END COMPARTMENTS OF EACH UNIT VENTILATOR MUST BE COMPLETELY SEALED-OFF AND RE-INSULATED TO PERMIT ANY OUTSIDE AIR FROM ENTERING THE UNIT OR THE ROOM.
5. THE CONTRACTOR IS RESPONSIBLE TO VERIFY AND ORDER THE CORRECT SIZE
6. INSTALL PER MANUFACTURERS INSTRUCTIONS.

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
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2/01/2021

Drawing Title :
HVAC DETAILS AND DIAGRAMS

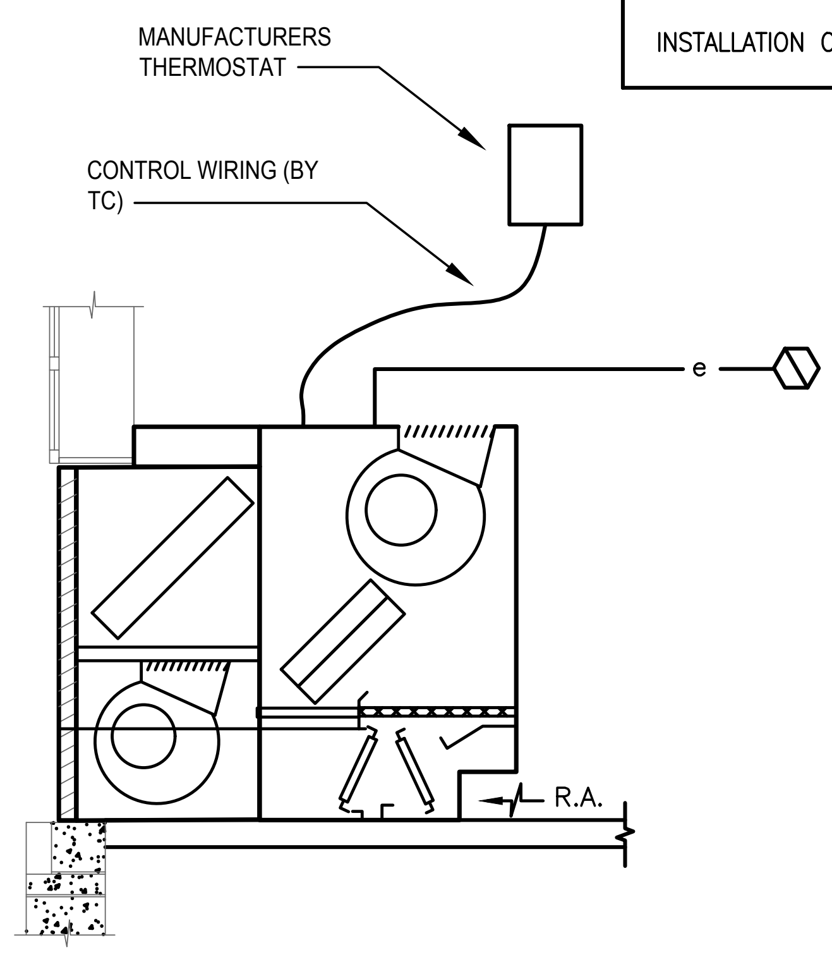
HILLCREST ELEMENTARY

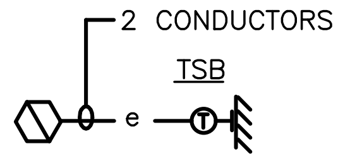
APN : 1901.2 | Date : October 2, 2020 | Drawn by : DMB

Drawing Number :
MH 601

UNIT CONTROLS BY MANUFACTURER

INSTALLATION OF THERMOSTAT BY TC





POINT NAME	DEVICE NAME	HARDWARE POINTS				SOFTWARE POINTS					GRAPHIC
		AI	AO	DI	DO	AV	DV	SCHED	TREND	ALARM	
SUPPLY FAN	--										
FAN START/STOP	CR-1				X				X		X
FAN STATUS	CFS-1			X					X		X
FAN FAILURE										X	
O.A. DAMPER	ME-1		X						X		X
R.A. DAMPER	ME-1		X						X		X
RELIEF DAMPER	ME-1		X						X		X
FACE AND BYPASS	ME-1		X						X		X
MIXED AIR TEMPERATURE	TSD	X							X		X
FREEZESTAT	LC-1			X						X	X
COOLING STAGES				X					X		X
DISCHARGE AIR TEMPERATURE	TSD	X							X		X
HIGH DISCHARGE TEMPERATURE										X	
LOW DISCHARGE TEMPERATURE										X	
SPACE TEMPERATURE	TSB	X							X		X
HIGH SPACE TEMPERATURE										X	
LOW SPACE TEMPERATURE										X	
SPACE TEMP. SETPOINT						X			X		
SCHEDULE								X			

POINTS LIST BY UNIT MANUFACTURER.

ITEMS SHOULD BE SHOWN ON GRAPHIC INTERFACE

A. UNIT VENTILATOR:

1. GENERAL: WHEN SUPPLY FAN IS OFF, OA (OUTSIDE AIR) DAMPER IS CLOSED, MA (MIXED AIR) DAMPER IS FULL OPEN. WHERE APPLICABLE.

2. WHEN SPACE OR LOCAL ZONE SWITCHES TO OCCUPIED CYCLE, FAN SHALL START AND RUN CONTINUOUSLY. OA AND MA DAMPERS OPEN TO MINIMUM POSITION. RELIEF DAMPER IS OPEN.

3. HEATING:

   a) GENERAL: OA DAMPER SHALL BE SET AT A MINIMUM POSITION. OA DAMPER AND RELIEF DAMPER SHALL CONTINUOUSLY ALLOW INTRODUCTION OF FRESH AIR REGARDLESS OF OUTSIDE AIR TEMPERATURE. FAN DISCHARGE SENSOR WILL MAINTAIN A MINIMUM TEMPERATURE OF 60°F (ADJUSTABLE).

   b) COIL:
      (1) CHANGES IN SPACE TEMPERATURE BELOW SETPOINT WILL CAUSE CONTROLLER TO INDEX DISCHARGE TEMPERATURE ACCORDING TO A PRESET SCHEDULE. CONTROLLER WILL MODULATE FACE AND BYPASS DAMPER TO MAINTAIN DESIRED TEMPERATURE.
      (2) IF HEATING COIL LEAVING AIR TEMPERATURE FALLS BELOW 35°F, LOW LIMIT CONTROLLER (LC-1) SHALL STOP FAN, CLOSE OAD, OPEN FACE DAMPER AND SIGNAL ALARM CONDITION TO SYSTEM.

5. SPACE TEMPERATURE SETPOINT SHALL BE AN ADJUSTABLE BIAS LIMITED TO ±2°F SPACE SENSOR, NORMAL SETPOINT SHALL BE ADJUSTABLE FROM MAIN CONSOLE ONLY.

6. ON RISE IN SPACE TEMPERATURE ABOVE SETPOINT AND OA TEMPERATURE IS BETWEEN 55F (adj) AND 75(adj), FACE AND BYPASS DAMPER CLOSES TO COIL, OA DAMPER OPENS FULLY, RA DAMPER CLOSES FULLY TO PROVIDE ECONOMIZER COOLING.

7. WHEN OAT UNABLE TO PROVIDE COOLING, OAD, RELIEF DAMPER SHALL CLOSE TO MINIMUM POSITION, FACE AND BYPASS DAMPER OPENS TO COOLING COIL WITH AUXILIARY SWITCH ON ACTUATOR PROVIDING POSITIVE PROOF OF POSITION.

8. IF OAT FALLS BELOW SETPOINT (50°F), LTCO SHALL LOCK OUT CONDENSER UNITS.

9. IF HOT WATER/DX COIL DISCHARGE SENSOR TEMPERATURE FALLS BELOW 50F WHEN CONDENSER IS OPERATING, ALARM DDC SYSTEM IMMEDIATELY.

10. UNOCCUPIED CYCLE:
    WHEN ZONE SWITCHES TO NIGHT CYCLE, CLOSE OAD, RELIEF DAMPER AND FULLY OPEN RA DAMPER. WHERE APPLICABLE, HEAT CONTROL VALVE OPENS TO COIL AND/OR FACE DAMPER OPENS TO COIL.

    c) FAN SHALL RUN INTERMITTENTLY TO MAINTAIN A LOWER NIGHT SETPOINT.

    d) COOLING SHALL BE LOCKED OUT, I.E. CONDENSER UNIT IS OFF.

    e) NIGHT OVERRIDE SHALL BE BY PB ON TEMPERATURE SENSOR OR BY MAIN CONSOLE.

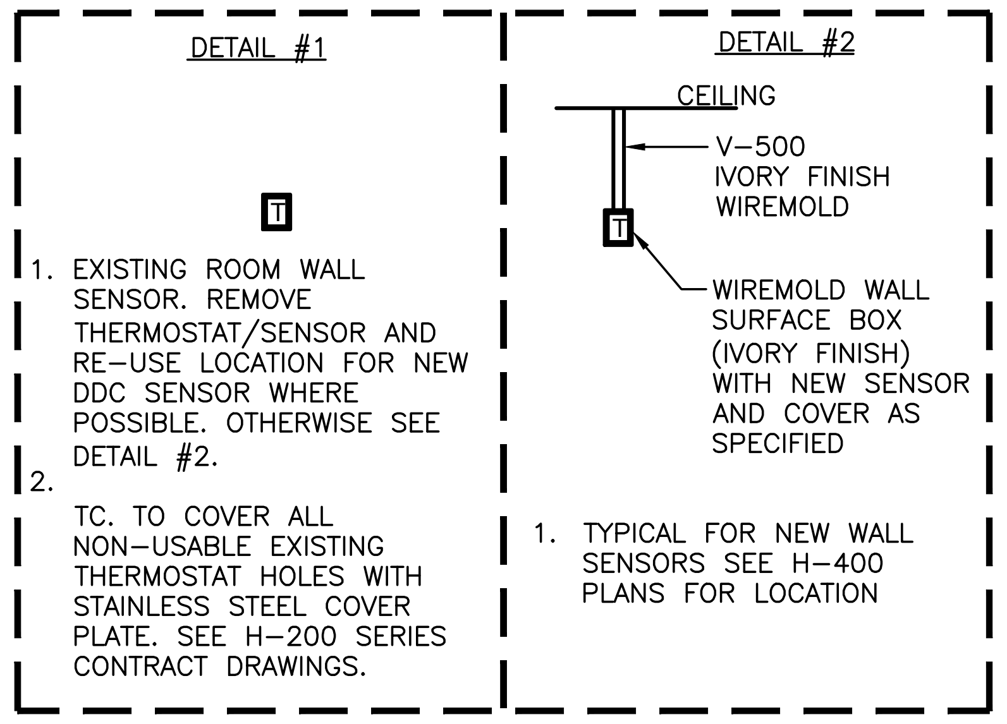
SEQUENCE BY UNIT MANUFACTURER.

1 SELF CONTAINED UNIT VENTILATOR DETAIL

SCALE : NONE

CONTROLS FOR A SELF CONTAINED UNIT VENTILATOR ARE BY THE UNIT MANUFACTURER.

THROUGH THE DDC INTERFACE, THE BMS CAN:
1. CHANGE THE UNIT STATUS (OCCUPIED/UNOCCUPIED)
2. ADJUST TEMPERATURE SETPOINT
3. CHANGE THE UNIT FROM HEATING TO COOLING
4. CHANGE FAN SPEED
5. CHANGE THE OUTSIDE AIR DAMPER SETTING


T
CEILING
V-500
IVORY FINISH
WIREMOLD
T
WIREMOLD WALL SURFACE BOX (IVORY FINISH) WITH NEW SENSOR AND COVER AS SPECIFIED

DETAIL #1

1. EXISTING ROOM WALL SENSOR. REMOVE THERMOSTAT/SENSOR AND RE-USE LOCATION FOR NEW DDC SENSOR WHERE POSSIBLE. OTHERWISE SEE DETAIL #2.
2. TC. TO COVER ALL NON-USABLE EXISTING THERMOSTAT HOLES WITH STAINLESS STEEL COVER PLATE. SEE H-200 SERIES CONTRACT DRAWINGS.

DETAIL #2

1. TYPICAL FOR NEW WALL SENSORS SEE H-400 PLANS FOR LOCATION

2 THERMOSTAT/SENSORS DIAGRAMS

SCALE : NONE

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Drawing Number :
MH 701

Drawing Title :
TEMPERATURE CONTROLS

HILLCREST ELEMENTARY

APN : 1901.2 | Date : October 2, 2020 | Drawn by : DMB

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GENERAL NOTES - REMOVALS

A. THIS INFORMATION REPRESENTS EXISTING CONDITIONS BASED ON ORIGINAL DRAWINGS AND OBSERVED SITE CONDITIONS. NOT ALL CONDUIT, WIRE, FIXTURES AND DEVICES ARE SHOWN. FIELD VERIFY THE EXACT REQUIREMENTS IN ALL REMOVAL AREAS. DISCONNECT AND REMOVE ALL ELECTRICAL WORK THAT IS SHOWN DASHED ON REMOVAL PLANS AND ALL ELECTRIC WORK IN RENOVATION AREAS THAT IS NOT BEING REUSED. REMOVE ALL ABANDONED BRANCH CIRCUITING AND LOW VOLTAGE CABLING, INCLUDING ALL SUPPORTING DEVICES, CONDUITS, AND ASSOCIATED TERMINATION HARDWARE.

B. "ERL" ADJACENT TO A DEVICE, FIXTURE OR PIECE OF EQUIPMENT INDICATES AN EXISTING ITEM TO BE RELOCATED. DISCONNECT AND REMOVE THE ITEM. REMOVE ALL UNNECESSARY RACEWAY AND WIRING. REINSTALL AND RECONNECT THE ITEM AS REQUIRED.

C. "EXR" ADJACENT TO A DEVICE FIXTURE OR PIECE OF EQUIPMENT INDICATES AN EXISTING ITEM TO REMAIN. MAINTAIN EXISTING CONNECTIONS TO EQUIPMENT UNLESS NOTED OTHERWISE.

D. PROVIDE FIRE STOPPING CUTTING, PATCHING AND PAINTING AS REQUIRED TO REPAIR HOLES OR OTHER PHYSICAL DEFECTS CAUSED BY THE REMOVAL OR INSTALLATION OF EQUIPMENT AND DEVICES. THE CONTRACTOR SHALL PROVIDE A QUALIFIED TRADES PERSON TO RESTORE FINISHED WALLS TO ORIGINAL CONDITIONS AND PAINT TO MATCH EXISTING COLORS.

E. PROVIDE STAINLESS STEEL BLANK COVER PLATES ON ALL UNUSED ELECTRICAL BOXES AFTER DEMOLITION AND INSTALLATION WORK IS COMPLETE.

F. WHERE EXISTING DEVICES ARE BEING REMOVED AND THE REMOVAL BREAKS AN EXISTING BRANCH CIRCUIT TO DOWNSTREAM DEVICE THE CONTRACTOR SHALL PROVIDE ALL WIRING TO PERMANENTLY RECONNECT THE REMAINING DEVICE EQUIPMENT OR FIXTURE.

G. THE CONSTRUCTION MANAGER OR GENERAL CONTRACTOR WILL SCHEDULE ALL REMOVAL WORK. PRIOR TO BEGINNING REMOVAL WORK PROVIDE AN EXISTING CONDITION REPORT WITH PICTURES AND SUBMIT TO THE CONSTRUCTION MANAGER. ANY DAMAGES OR EXISTING CONDITIONS THAT ARE NOT DOCUMENTED WILL BE CORRECTED BY THE CONTRACTOR PRIOR TO FINAL COMPLETION.

H. LEGALLY DISPOSE OF ALL ELECTRICAL WIRING, DEVICES, BALLAST, LAMPS ETC. FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS REGARDING DISPOSAL OF HAZARDOUS WASTE.

I. FIELD VERIFY ALL IN WALL WIRING WHERE WALLS ARE BEING REMOVED. REROUTE THROUGH WIRING AS REQUIRED.

GENERAL NOTES - INSTALLATION

A. INSTALL ALL CIRCUITING CONCEALED INSIDE WALL CAVITY WHERE EVER POSSIBLE. PROVIDE SURFACE MOUNTED BACKBOXES AND RACEWAY FOR WIRING DEVICES LOCATED ON EXISTING SOLID WALL CONSTRUCTION. PROVIDE SHALLOW TYPE BACKBOXES FOR SURFACE MOUNTED POWER AND SWITCHING APPLICATIONS. REFER TO ARCHITECTURAL PLANS FOR WALL TYPES.

B. FIRESTOP ALL LOW VOLTAGE SLEEVES AND PENETRATIONS AFTER INSTALLATION OF CABLE.

C. PROVIDE OPEN TOP CABLE HANGERS 4' ON CENTER SUPPORTED TO SUPPORT ALL LOW VOLTAGE CABLING ABOVE ACCESSIBLE CEILINGS. PROVIDE SEPARATE CABLE HANGERS FOR FIRE ALARM CABLING. INSTALL ALL EXPOSED CABLES IN EMT CONDUIT OR SURFACE RACEWAY IN FINISHED AREAS.

D. ALL LOW VOLTAGE CABLING SHALL BE PLENUM RATED.

E. OBTAIN WIRING AND INSTALLATION DIAGRAMS FOR ALL ELECTRICAL CONNECTIONS TO EQUIPMENT PROVIDED BY THE GENERAL, MECHANICAL OR PLUMBING CONTRACTORS PRIOR TO ROUGHING. WORK THAT IS NOT PROPERLY COORDINATED WILL BE RELOCATED AT NO COST TO THE OWNER.

F. PROVIDE HORIZONTAL AND VERTICAL RACEWAY AS REQUIRED TO TRANSITION FROM UNIT VENTILATORS TO ACCESSIBLE CEILINGS, CONTRACTOR IS TO ASSUME VERTICAL RISE IS IN THE FURTHEST CORNER AWAY FROM EQUIPMENT CONNECTION POINT AS INDICATED IN PLANS. REFER TO PLANS FOR CEILING TYPES.

GENERAL NOTES - POWER DISTRIBUTION

A. PROVIDE (2)-#10, (1)-#10 EG WIRING FOR 120V, 20A BRANCH CIRCUITS EXCEEDING 100 FEET.

B. THE DRAWINGS SHOW GENERAL LOCATION OF DEVICES AND CONTROL EQUIPMENT. THE CONTRACTOR SHALL INSTALL ALL DEVICES AND CONTROLS TO MEET ALL NEC REQUIREMENTS. COORDINATE THE EXACT LOCATION IN THE FIELD.

C. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL CONNECTIONS TO ELECTRICAL EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN.

D. PROVIDE DEDICATED NEUTRALS FOR ALL 120V, 20A, SINGLE PHASE BRANCH CIRCUITS.

E. WHERE BREAKERS ARE INSTALLED IN EXISTING PANELBOARDS, THE KAIC RATING SHALL MATCH THE KAIC RATING OF THE EXISTING PANEL.

GENERAL NOTES - COMMUNICATIONS

A. PROVIDE ALL CATEGORY 6, 6A AND FIBER OPTIC CABLE TERMINATIONS AND TESTING.

B. "DATA DROP" OR "DATA OUTLET" INCLUDES CATEGORY 6A CABLE, TERMINATION HARDWARE, RACEWAY, CABLE TERMINATION AND CABLE TESTING.

C. PROVIDE CONDUIT SLEEVES THROUGH ALL WALLS. CONDUIT SLEEVES SHALL BE A MINIMUM OF 1-1/2". PROVIDE OTHER SIZES AS NOTED ON PLANS.

D. PROVIDE RE-PENETRATEABLE FIRE STOPPING AROUND ALL SLEEVES AND INSIDE SLEEVE AFTER CABLE IS INSTALLED.

E. WHEN SIZES ARE NOT NOTED OR SLEEVES ARE NOT SHOWN BUT REQUIRED FOR THE INSTALLATION SLEEVES SHALL BE SIZED AS FOLLOWS.

CABLE	1"	1.25"	1.5"	2"	2.5"	3"	3.5"	4"
AUGMENTED CAT 6	4	7	10	18	24	41	56	73
CAT 6E	6	10	12	20	34	50	65	80
CAT 6	7	9	14	24	28	55	75	98

F. PROVIDE CABLE HANGERS FOR ALL UTP CABLE AND FIBER RUNS ON THE PROJECT. HANGERS FOR MAIN RUNS SHALL BE A MINIMUM OF 2". CABLE HANGERS FOR CABLE RUNS FROM MAIN RUNS TO THE STATION OUTLET SHALL BE A MINIMUM OF 3/4". INSTALL CABLE HANGERS FOUR FOOT ON CENTER FOR THE ENTIRE LENGTH OF RUN. SEE DETAIL 2 ON EW 603.

G. PROVIDE SURFACE RACEWAY FOR A CABLE LOCATED IN FINISHED SPACE. PROVIDE CONDUIT FOR CABLES INSTALLED IN MECHANICAL AND UTILITY SPACES. PROVIDE OPEN TOP CABLE HANGERS FOR CABLE INSTALLED ABOVE FINISHED CEILINGS.

H. PROVIDE ADHESIVE LABEL ON ALL BOXES.

I. CABLES SHALL CONFORM TO THE FOLLOWING COLOR SCHEME
  I.A. DATA/VOIP - BLUE

J. REPAIR AND PAINT ALL FINISHED WALLS, FLOORS ETC. DAMAGED DURING INSTALLATION.

K. PROVIDE NEW CEILING TILES MATCHING THE EXISTING IF DAMAGED DURING THE INSTALLATION. PRIOR TO BEGINNING WORK NOTIFY THE OWNER OF ALL EXISTING DAMAGED TILES IN THE WORK AREA. IF EXISTING DAMAGED TILES ARE NOT NOTED THE CABLING CONTRACTOR WILL BE RESPONSIBLE FOR REPLACEMENT.

L. DISCONNECT AND REMOVE ALL EXISTING CABLES THAT ARE ABANDONED AS PART OF THE COMMUNICATION SYSTEM UPGRADE.

M. PROVIDE TEST REPORTS AND AS BUILT DRAWINGS AT THE COMPLETION OF WORK PRIOR TO PROJECT CLOSE OUT.

PANELBOARD SCHEDULE - LP1 (HILLCREST ELEMENTARY)

LOCATION - RM. 1200	SOURCE - P7	MOUNTING - SURFACE	SE RATED ☐ / FEED-THRU LUGS ☐ / HINGED TRIM ☒ / SUB FEED LUGS ☐
RATING (AMPS) - 400A MCB	VOLTAGE - 208Y/120V	PHASE/WIRE - 3-PHASE/4-WIRE	COMPUTER GRADE ☐ / [1] SUB-FEED BREAKER ☒
KAIC - 22	DESIGN MAKE (SQUARE D) - NQ	NEMA RATING - 1	200% NEUTRAL ☐ / ISOLATED GND BUS ☐

CKT	DESCRIPTION	BREAKER	KVA LOAD LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG	BREAKER	DESCRIPTION	CKT
1	UV-8	40A/3P			8			8			40A/3P	UV-10	2
3													4
5													6
7	UV-4	40A/3P			8			8			40A/3P	UV-9	8
9													10
11													12
13	UV-3	40A/3P			8			8			40A/3P	UV-5	14
15													16
17													18
19	UV-7	45A/3P			10				.2		20A/1P	TC	20
21											20A/1P	SPARE	22
23											20A/1P	SPARE	24
25	SPARE	20A/1P									20A/1P	SPARE	26
27	SPARE	20A/1P									20A/1P	SPARE	28
29	SPARE	20A/1P									20A/1P	SPARE	30
31	SPARE	20A/1P									20A/1P	SPARE	32
33	SPARE	20A/1P									20A/1P	SPARE	34
35	SPARE	20A/1P									20A/1P	SPARE	36
37	SPARE	20A/1P									20A/1P	SPARE	38
39	SPARE	20A/1P									20A/1P	SPARE	40
41	SPARE	20A/1P									20A/1P	SPARE	42
LEFT SIDE SUB-TOTAL			-	-	34	-	-	24	.2	-	RIGHT SIDE SUB-TOTAL		
CONNECTED SUB-TOTAL			-	.2	58	-							
DEMAND FACTOR			1.0	10+1/2	.8	.8							
SUB-TOTAL			-	.2	46	-							
TOTAL KVA			46.2										
TOTAL AMPS			128										

NOTES:

[1] PROVIDE 225A 3-POLE SUB-FEED BREAKER FOR PANELBOARD LP2.

PANELBOARD SCHEDULE - LP2 (HILLCREST ELEMENTARY)

LOCATION - RM. 127	SOURCE - LP1	MOUNTING - SURFACE	SE RATED ☐ / FEED-THRU LUGS ☐ / HINGED TRIM ☒ / SUB FEED LUGS ☐
RATING (AMPS) - 225A MLO	VOLTAGE - 208Y/120V	PHASE/WIRE - 3-PHASE/4-WIRE	COMPUTER GRADE ☐ / SUB-FEED BREAKER ☐
KAIC - 10	DESIGN MAKE (SQUARE D) - NQ	NEMA RATING - 1	200% NEUTRAL ☐ / ISOLATED GND BUS ☐

CKT	DESCRIPTION	BREAKER	KVA LOAD LTG	RCPT	MOTOR	HTG	HTG	MOTOR	RCPT	LTG	BREAKER	DESCRIPTION	CKT
1	UV-2	45A/3P			8			8			45A/3P	UV-6	2
3													4
5													6
7	UV-17	40A/3P			8			8			40A/3P	UV-18	8
9													10
11													12
13	UV-20	40A/3P			8			8			40A/3P	UV-19	14
15													16
17													18
19	UV-27	40A/3P			8				1		20A/1P	REC - LIBRARY	20
21									.2		20A/1P	TC	22
23									1		20A/1P	REC - LIBRARY	24
25	SPARE	20A/1P									20A/1P	SPARE	26
27	SPARE	20A/1P									20A/1P	SPARE	28
29	SPARE	20A/1P									20A/1P	SPARE	30
31	SPARE	20A/1P									20A/1P	SPARE	32
33	SPARE	20A/1P									20A/1P	SPARE	34
35	SPARE	20A/1P									20A/1P	SPARE	36
37	SPARE	20A/1P									20A/1P	SPARE	38
39	SPARE	20A/1P									20A/1P	SPARE	40
41	SPARE	20A/1P									20A/1P	SPARE	42
LEFT SIDE SUB-TOTAL			-	-	32	-	-	24	1.2	-	RIGHT SIDE SUB-TOTAL		
CONNECTED SUB-TOTAL			-	1.2	56	-							
DEMAND FACTOR			1.0	10+1/2	.8	.8							
SUB-TOTAL			-	1.2	45	-							
TOTAL KVA			46.2										
TOTAL AMPS			128										

POWER

Φ	DUPLEX RECEPTACLE
⊕	DOUBLE DUPLEX RECEPTACLE
J	JUNCTION BOX
M 1	MOTOR CONNECTION NUMBER INDICATES ITEM REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
⊐	NON-FUSED DISCONNECT
CR	CORD REEL
▭	EXISTING FLUSH MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
▭	EXISTING SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
▬	SURFACE MOUNTED 208Y/120V BRANCH CIRCUIT PANELBOARD
PNL CKT#	INDICATES HOMERUN TO PANEL PANEL NAME AND CKT NUMBERS INDICATED PROVIDE (2) #12 AWG, (1) #12 AWG EGC IN 3/4"C UNLESS OTHERWISE NOTED

COMMUNICATIONS

▽#	EXISTING DATA DROP NUMBER = QUANTITY OF CABLES
▼	CAT 6 OR 6A DATA DROP
DB	DATA BOX

PUBLIC ADDRESS

PA	PUBLIC ADDRESS SYSTEM CONSOLE
◔	WALL MOUNTED CLOCK 12.5" DIAMETER UNLESS OTHERWISE NOTED
MCS	MASTER CLOCK SYSTEM CONSOLE

GENERAL

#	REMOVAL NOTE
#	INSTALLATION NOTE
////	OFFSET FOR CLARITY

MOUNTING HEIGHTS

UNLESS OTHERWISE NOTED, MOUNT DEVICES AND EQUIPMENT AT HEIGHTS MEASURED FROM FINISHED FLOOR TO DEVICE/ EQUIPMENT CENTERLINE AS LISTED BELOW.

COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.

WHERE STRUCTURAL OR OTHER INTERFERENCE'S PREVENT COMPLIANCE WITH MOUNTING HEIGHTS LISTED BELOW, CONSULT OWNER'S REPRESENTATIVE FOR APPROVAL TO CHANGE LOCATION BEFORE INSTALLATION.

RECEPTACLE OUTLETS	18"
CLOCKS, CLOCK	90"
RECEPTACLE OUTLETS, WEATHER PROOF, ABOVE GRADE	24"
BRANCH CIRCUIT PANELBOARDS, TO THE TOP OF THE BACKBOX	72"
DISTRIBUTION PANELBOARDS, TO THE TOP OF THE BACKBOX	72"
TERMINAL CABINETS, CONTROL CABINETS TO THE TOP OF THE BACKBOX	72"
DISCONNECT SWITCHES, MOTOR STARTERS, ENCLOSED CIRCUIT BREAKERS	48"

ABBREVIATIONS

A	AMPERE
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AIC	AMPERES INTERRUPTING CAPACITY
AL	ALUMINUM
ASYM	ASYMMETRICAL
AUX	AUXILLARY CONTACTS
AV	AUDIO/VIDEO
AWG	AMERICAN WIRE GAUGE
BD	BUS DUCT
BR	BRANCH
C	CONDUIT
CB	CIRCUIT BREAKER
CD	CANDELA
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
CU	COPPER
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CLG	CEILING
CONT	CONTACTOR
CP	CONTROL PANEL
DC	DIRECT CURRENT
△	DELTA CONNECTED
DISC	DISCONNECT
DF	DRINKING FOUNTAIN
DPST	DOUBLE POLE, SINGLE THROW
DPDT	DOUBLE POLE, DOUBLE THROW
EC	ELECTRICAL CONTRACTOR
EG	EQUIPMENT GROUND
EM	EMERGENCY
EP	EXPLOSION PROOF
EPR	ETHYLENE PROPYLENE RUBBER
EQUIP	EQUIPMENT
EXR	EXISTING TO REMAIN
ERL	EXISTING TO BE RELOCATED
EXIST	EXISTING
(E)	EXISTING
EXP	EXPLOSION PROOF
ELECT	ELECTRIC
EMT	ELECTRIC METALLIC TUBING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FARAP	FIRE ALARM REMOTE ANNUNCIATOR PANEL
FBO	FURNISHED BY OWNER
FC	FOOTCANDLE
FCAN	FULL CAPACITY ABOVE NORMAL
FCBN	FULL CAPACITY BELOW NORMAL
FLA	FULL LOAD AMPERES
FLUOR	FLUORESCENT
FVNR	FULL VOLTAGE, NON-REVERSING
FVR	FULL VOLTAGE, REVERSING
G	GUARD
GEN	GENERATOR
GF	GROUND FAULT
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
GRS	GALVANIZED RIGID STEEL
H	HOSPITAL GRADE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HZ	HERTZ
IC	INTERCOM
IG	ISOLATED GROUND
INCAD	INCANDESCENT
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
KAIC	THOUSAND AMPERE INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
K	KILO (THOUSAND)
KCM	THOUSAND CIRCULAR MILS
KCMIL	THOUSAND CIRCULAR MILS
LTG	LIGHTING
LSIG	LONG TIME-SHORT TIME-INSTANTANEOUS-GROUND FAULT
LV	LOW VOLTAGE
M	MEGA (MILLION)
MATV	MASTER ANTENNA TELEVISION
MFS	MAIN FUSED SWITCH
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	METAL HALIDE
MLO	MAIN LUGS ONLY
MV	MEDIUM VOLTAGE
MVA	MEGAVOLT-AMPERE
NEC	NATIONAL ELECTRICAL CODE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NL	NIGHT LIGHT
N	NEUTRAL
NF	NONFUSED
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OCPD	OVER CURRENT PROTECTION DEVICE
OH	OVERHEAD
OL	OVERLOAD
PB	PULLBOX
PF	POWER FACTOR
PHL	PANEL
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
Ø	PHASE
PH	PHASE
P	POLE
PL	PILOT LIGHT
PM	PLUG MOLD
PWR	POWER
RVNR	REDUCED VOLTAGE, NON-REVERSING
RM	ROOM
RMS	ROOT MEAN SQUARED
SS	SURGE SURPRESSION
SST	SOLID-STATE TRIP DEVICE
ST	SHUNT-TRIP
SW	SWITCH
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
T	TAMPER RESISTANT
TDR	TIME DELAY RELAY
TYP	TYPICAL
TCP	TEMPERATURE CONTROL PANEL
TSTAT	THERMOSTAT
TV	TELEVISION
UG	UNDERGROUND
UH	UNIT HEATER
USB	UNIVERSAL SERIAL BUS
V	VOLT
VR	VOLT-AMPERE
VP	VAPORPROOF
W	WATT
WG	WIRE GUARD
WP	WEATHERPROOF
XFMR	TRANSFORMER
XLP	CROSS LINKED POLYETHYLENE
XP	EXPLOSION PROOF
Y	WYE CONNECTED

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE - HILLCREST ELEMENTARY

	EQUIPMENT						SUPPLY				DISCONNECT			CONTROLS			
ITEM NO.	NAME	ROOM LOCATION	HP	KW	Ø	VOLTS	PANEL OR CONTROL CENTER	CIRCUIT BREAKER	WIRING FROM PANEL TO CONTROL UNIT	WIRING FROM CONTROL UNIT TO EQUIPMENT	AMPS	FUSE SIZE	NEMA RATING	MOTOR STARTER/ CONTROLLER NOTES	CONTROLLER LOCATION	NEMA RATING	NOTES
1	UV-2	RM. 2	-	-	3	208	LP2	45A/3P	(3)-#8, (1)-#10 AWG EGC IN 3/4"C	-	-	-	-	-	-	-	-
2	UV-3	RM. 3	-	-	3	208	LP1	45A/3P	(3)-#6, (1)-#10 AWG EGC IN 1"C	-	-	-	-	-	-	-	-
3	UV-4	RM. 4	-	-	3	208	LP2	45A/3P	(3)-#6, (1)-#10 AWG EGC IN 1"C	-	-	-	-	-	-	-	-
4	UV-5	RM. 5	-	-	3	208	LP1	45A/3P	(3)-#6, (1)-#10 AWG EGC IN 1"C	-	-	-	-	-	-	-	-
5	UV-6	RM. 6	-	-	3	208	LP2	45A/3P	(3)-#8, (1)-#10 AWG EGC IN 3/4"C	-	-	-	-	-	-	-	-
6	UV-7	RM. 7	-	-	3	208	LP1	45A/3P	(3)-#6, (1)-#10 AWG EGC IN 1"C	-	-	-	-	-	-	-	-
7	UV-8	RM. 8	-	-	3	208	LP1	45A/3P	(3)-#6, (1)-#10 AWG EGC IN 1"C	-	-	-	-	-	-	-	-
8	UV-9	RM. 9	-	-	3	208	LP1	45A/3P	(3)-#8, (1)-#10 AWG EGC IN 3/4"C	-	-	-	-	-	-	-	-
9	UV-10	RM. 10	-	-	3	208	LP1	45A/3P	(3)-#8, (1)-#10 AWG EGC IN 3/4"C	-	-	-	-	-	-	-	-
10	UV-18	RM. 18	-	-	3	208	LP2	40A/3P	(3)-#8, (1)-#10 AWG EGC IN 3/4"C	-	-	-	-	-	-	-	1
11	UV-19	RM. 19	-	-	3	208	LP2	40A/3P	(3)-#8, (1)-#10 AWG EGC IN 3/4"C	-	-	-	-	-	-	-	1
12	UV-20	RM. 20	-	-	3	208	LP2	40A/3P	(3)-#8, (1)-#10 AWG EGC IN 3/4"C	-	-	-	-	-	-	-	1
13	UV-27	RM. 27	-	-	3	208	LP2	40A/3P	(3)-#10, (1)-#10 AWG EGC IN 3/4"C	-	-	-	-	-	-	-	-
14	UV-17	RM. 17	-	-	3	208	LP2	40A/3P	(3)-#8, (1)-#10 AWG EGC IN 3/4"C	-	-	-	-	-	-	-	1

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE GENERAL NOTES:

A. ALL CONTROL EQUIPMENT PROVIDED BY THE DIVISION 26 CONTRACTOR UNLESS OTHERWISE NOTED.
B. ITEM NUMBER INDICATES EQUIPMENT NUMBER.
C. ALL CONTROL DEVICES TO BE SURFACE MOUNTED UNLESS OTHERWISE NOTED.
D. PROVIDE OVERLOADS, SIZE AS REQUIRED BY DIVISION 23 CONTRACTOR.
E. "AU" INDICATES CONTROL DEVICE LOCATED AT UNIT.
F. "NF" INDICATES NON-FUSED.
G. WHERE CONTROLS ARE LOCATED REMOTE FROM MOTOR PROVIDE DISCONNECT IN ADDITION TO CONTROLS.
H. WHERE DISCONNECT SIZES ARE INDICATED PROVIDE DISCONNECT.

NOTES:

1. ALTERNATE 3-E.

MOTOR STARTER/CONTROLLER NOTES:

1. MOTOR RATED SWITCH.
2. MANUAL MOTOR STARTER.
3. MANUAL MOTOR STARTER WITH RELAY.
4. MAGNETIC STARTER.
5. COMBINATION MAGNETIC STARTER.
6. VARIABLE FREQUENCY DRIVE. FURNISHED BY MC, INSTALLED BY EC.
7. COMBINATION TWO SPEED MAGNETIC STARTER.
8. COMBINATION REDUCED VOLTAGE MAGNETIC STARTER.
9. DUPLEX CONTROLLER WITH ALTERNATION CIRCUIT.
10. PACKAGED CONTROL UNIT.
11. H-O-A SELECTOR SWITCH IN COVER.
12. PILOT LIGHT IN COVER.
13. START-STOP PUSHBUTTON.
14. DUPLEX RECEPTACLE.
15. LINE-VOLTAGE THERMOSTAT.
16. PROVIDE FAN SHUTDOWN RELAY AND CONNECT TO FACP FOR SHUTDOWN ON BUILDING ALARM.

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES. ALTERATION OF THIS DOCUMENT BY OTHER THAN AN AUTHORIZED LICENSED REGISTERED ARCHITECT IS ILLEGAL AND A VIOLATION OF SECTION 7307 OF THE NEW YORK STATE EDUCATION LAW.

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

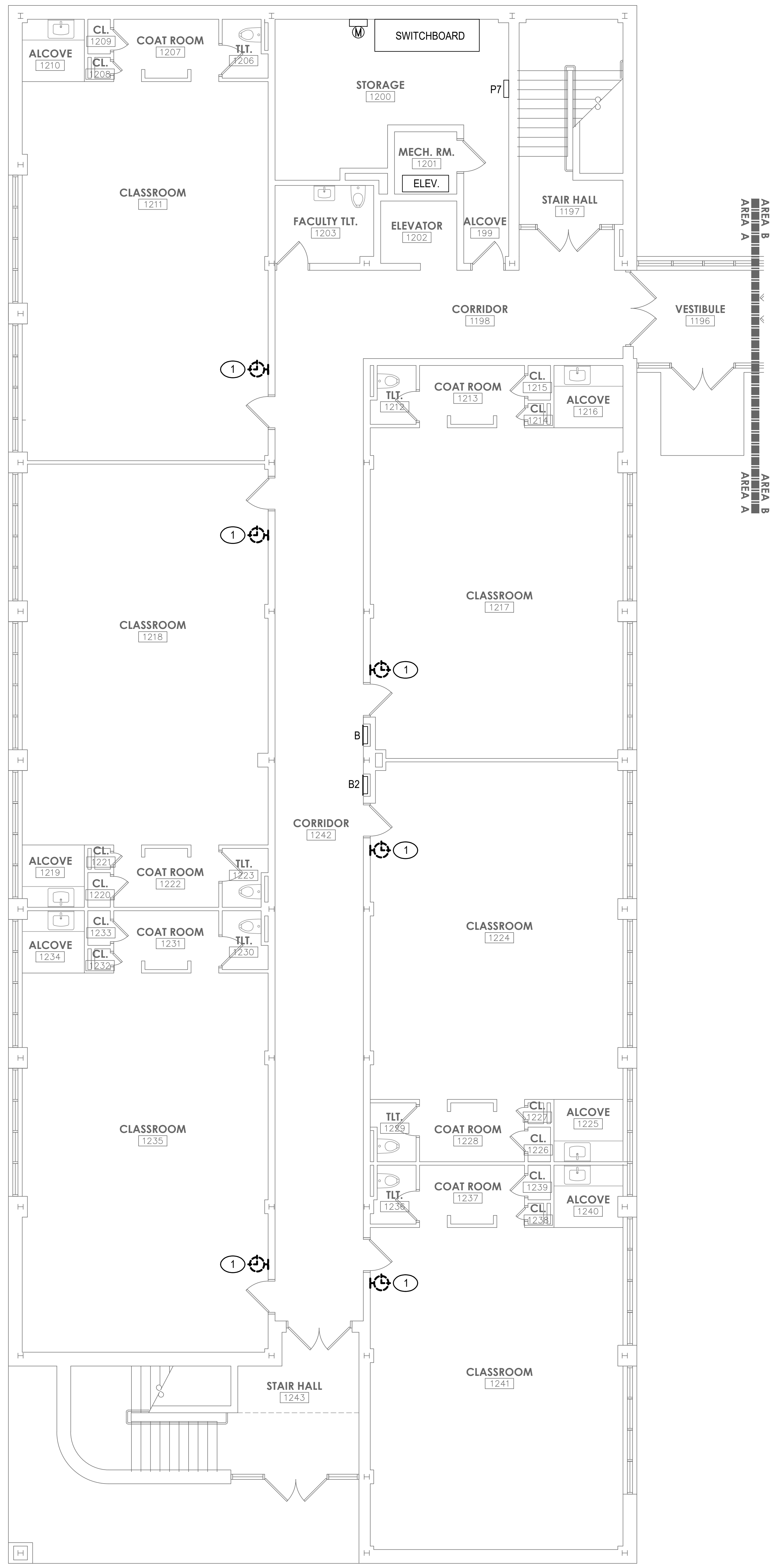
Drawing Title :
LEGEND, GENERAL NOTES AND
ELECTRIC EQUIPMENT AND
CONTROL SCHEDULE
HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : SDK

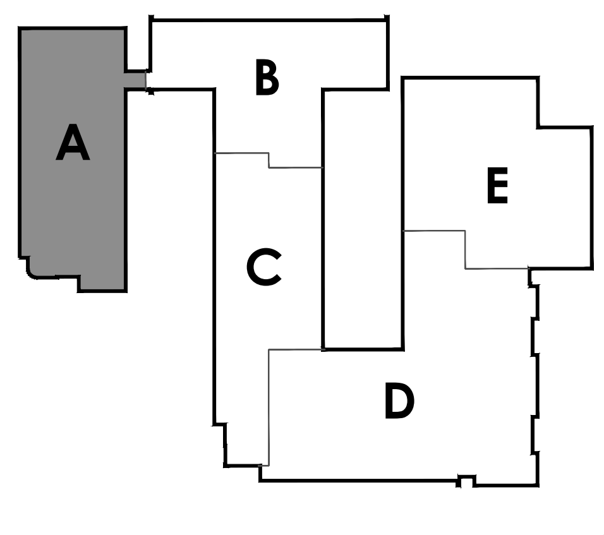
Drawing Number :
EH
001

REMOVAL NOTES: ○

1. ALTERNATE 5-E: DISPOSE OF WIRELESS CLOCK.



1 **FIRST FLOOR PLAN - AREA A**
SCALE: 1/8" = 1'-0"
N



FIRST FLOOR KEY PLAN
NO SCALE
N

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Drawing Number :
EH 201

Drawing Title :
FIRST FLOOR
REMOVAL PLAN - AREA A

HILLCREST ELEMENTARY

APN : 1901.2 | Date : October 2, 2020 | Drawn by : CMC

Revision :
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Alterations to School District Facilities
Phase Two

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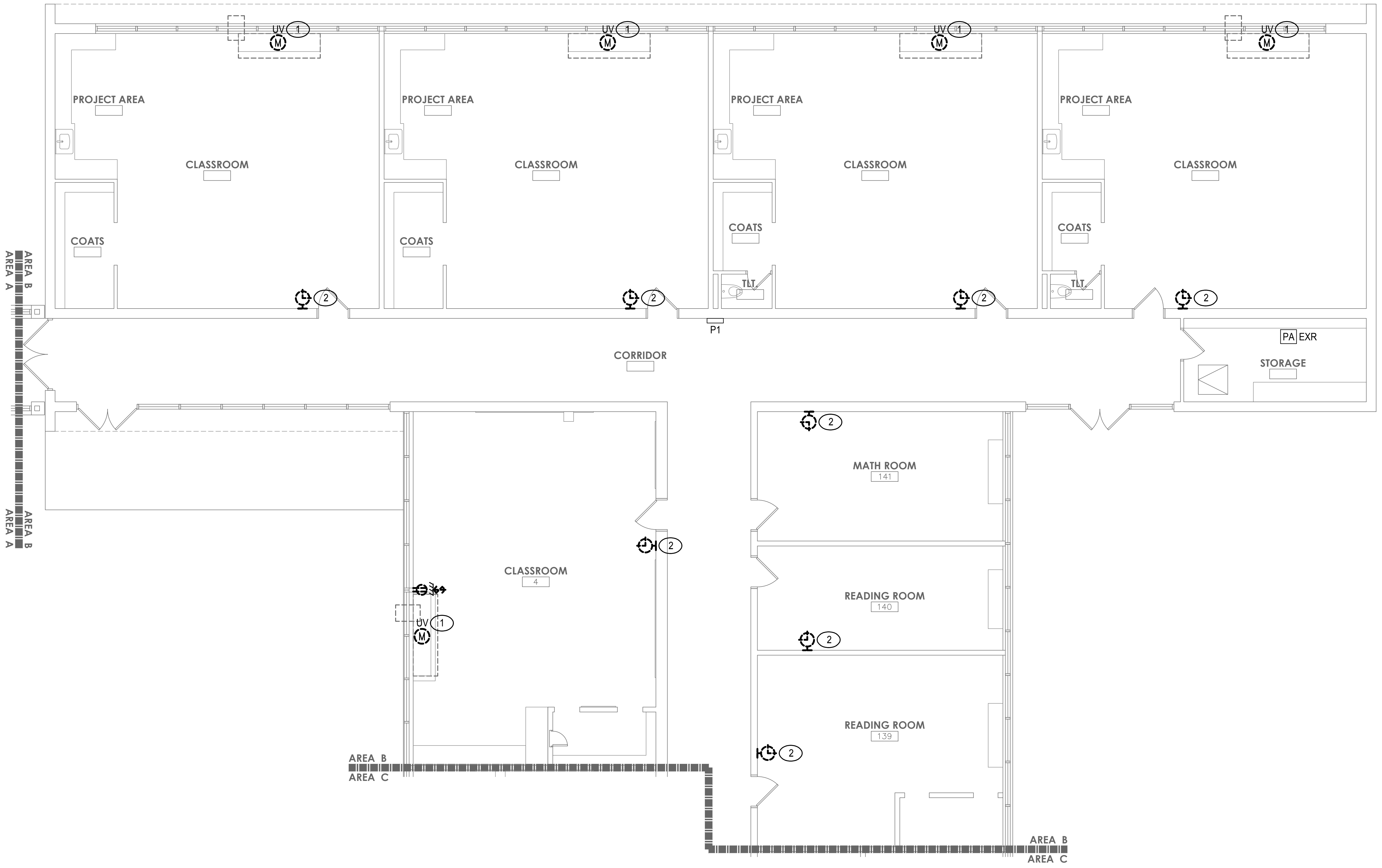
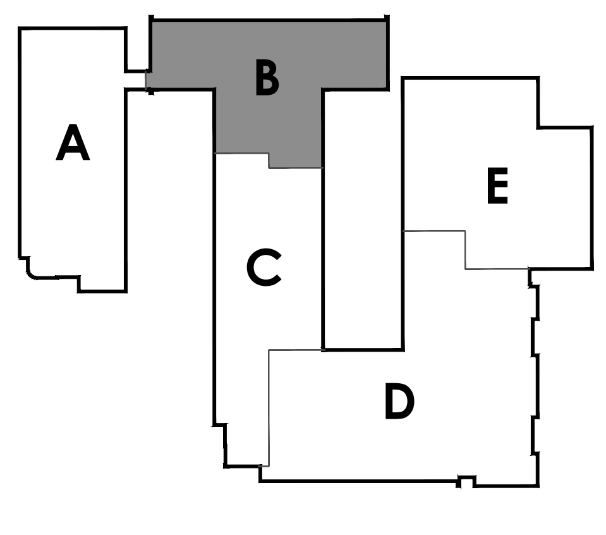
REMOVAL NOTES: ○

1. DISCONNECT & REMOVE HVAC BRANCH CIRCUIT IN ITS ENTIRETY.

2. ALTERNATE 5-E: DISPOSE OF WIRELESS CLOCK.



① **FIRST FLOOR PLAN - AREA B**
SCALE: 1/8" = 1'-0"



FIRST FLOOR KEY PLAN
NO SCALE

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
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Drawing Title :
FIRST FLOOR
REMOVAL PLAN - AREA B

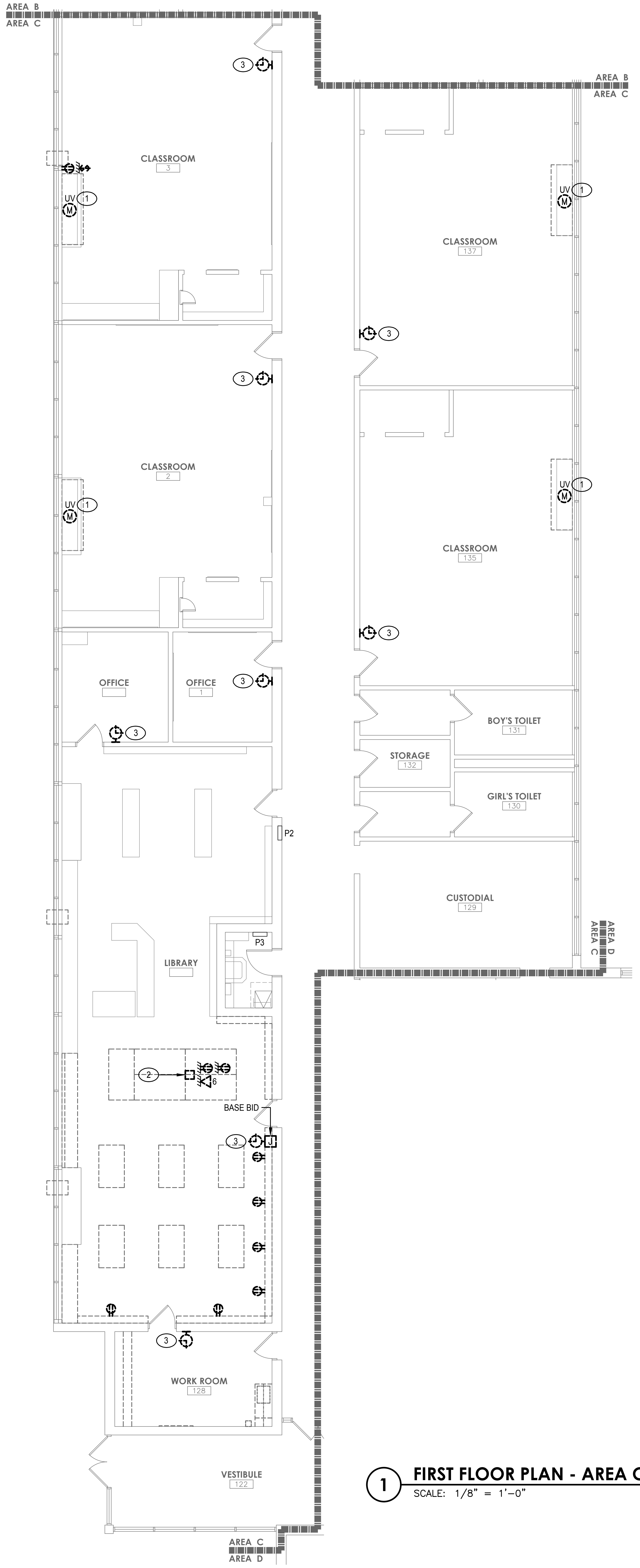
HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

Drawing Number :
EH 202

REMOVAL NOTES: ○

1. DISCONNECT & REMOVE HVAC BRANCH CIRCUIT IN ITS ENTIRETY.
2. DISCONNECT & REMOVE POWER/COMMUNICATIONS POLE, BRANCH CIRCUITS AND CABLING IN THEIR ENTIRETY.
3. ALTERNATE 5-E: DISPOSE OF WIRELESS CLOCK.



① **FIRST FLOOR PLAN - AREA C**
SCALE: 1/8" = 1'-0"
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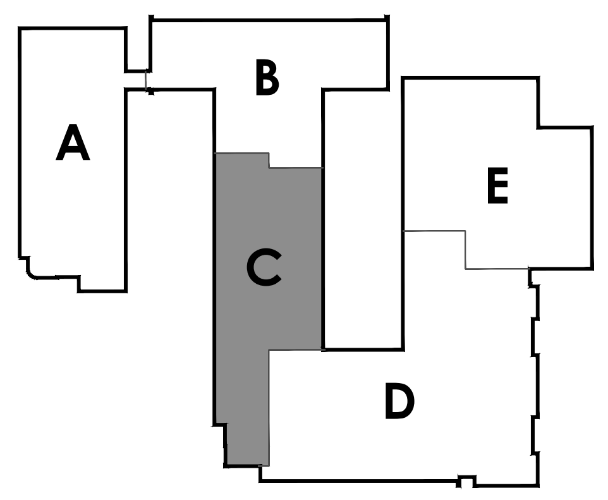

FIRST FLOOR KEY PLAN
NO SCALE
N

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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FIRST FLOOR
REMOVAL PLAN - AREA C

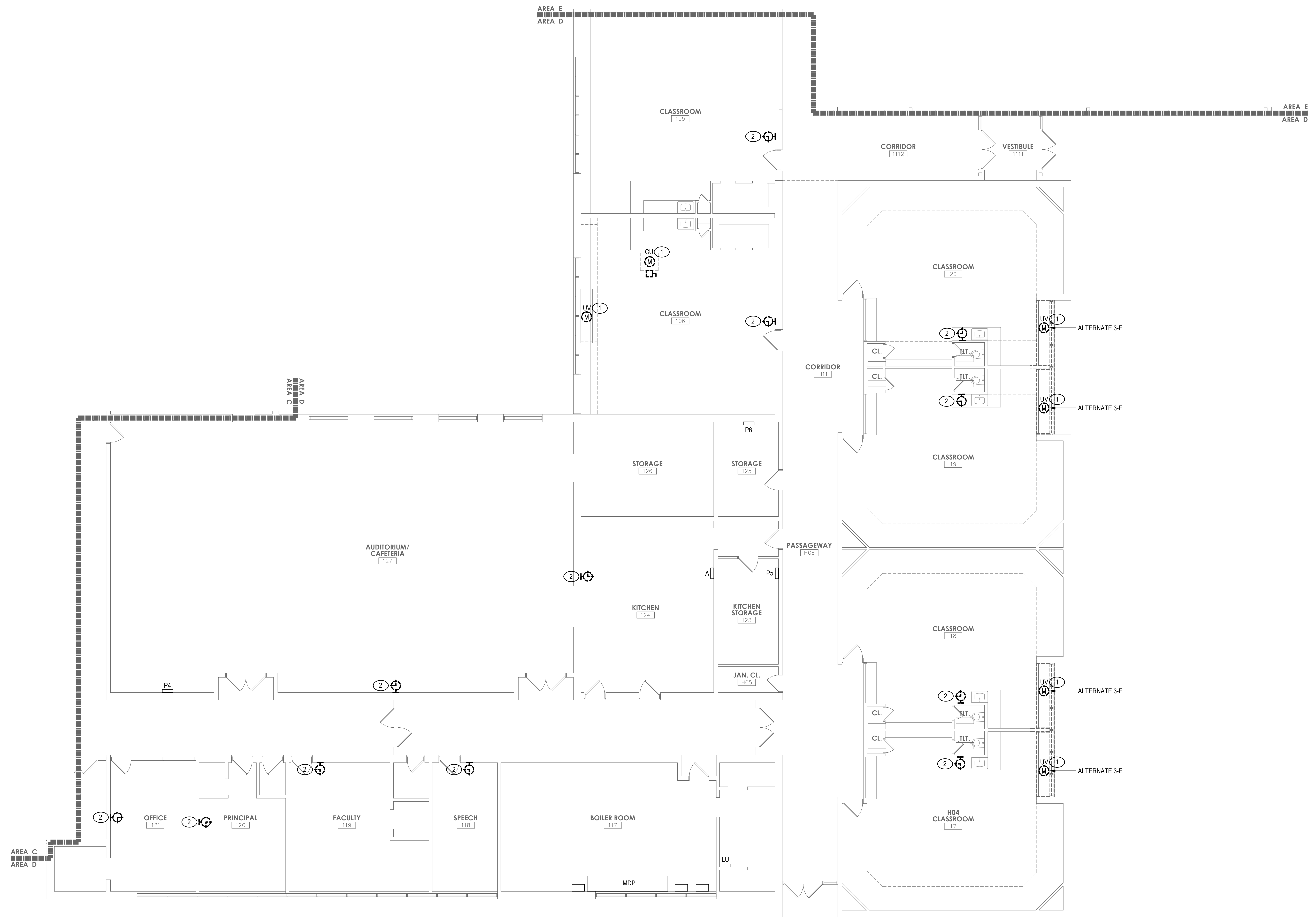
HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

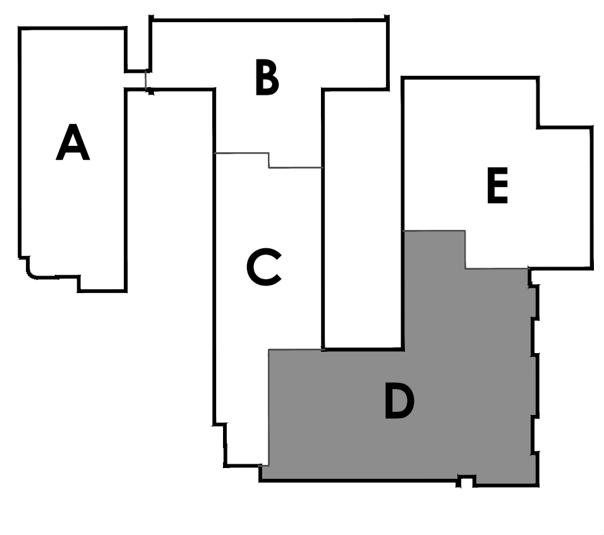
Drawing Number :
EH 203

REMOVAL NOTES: ○

1. DISCONNECT & REMOVE HVAC BRANCH CIRCUIT IN ITS ENTIRETY.
2. ALTERNATE 5-E: DISPOSE OF WIRELESS CLOCK.



① **FIRST FLOOR PLAN - AREA D**
SCALE: 1/8" = 1'-0"
N



FIRST FLOOR KEY PLAN
NO SCALE
N

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
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Drawing Title :
FIRST FLOOR
REMOVAL PLAN - AREA D

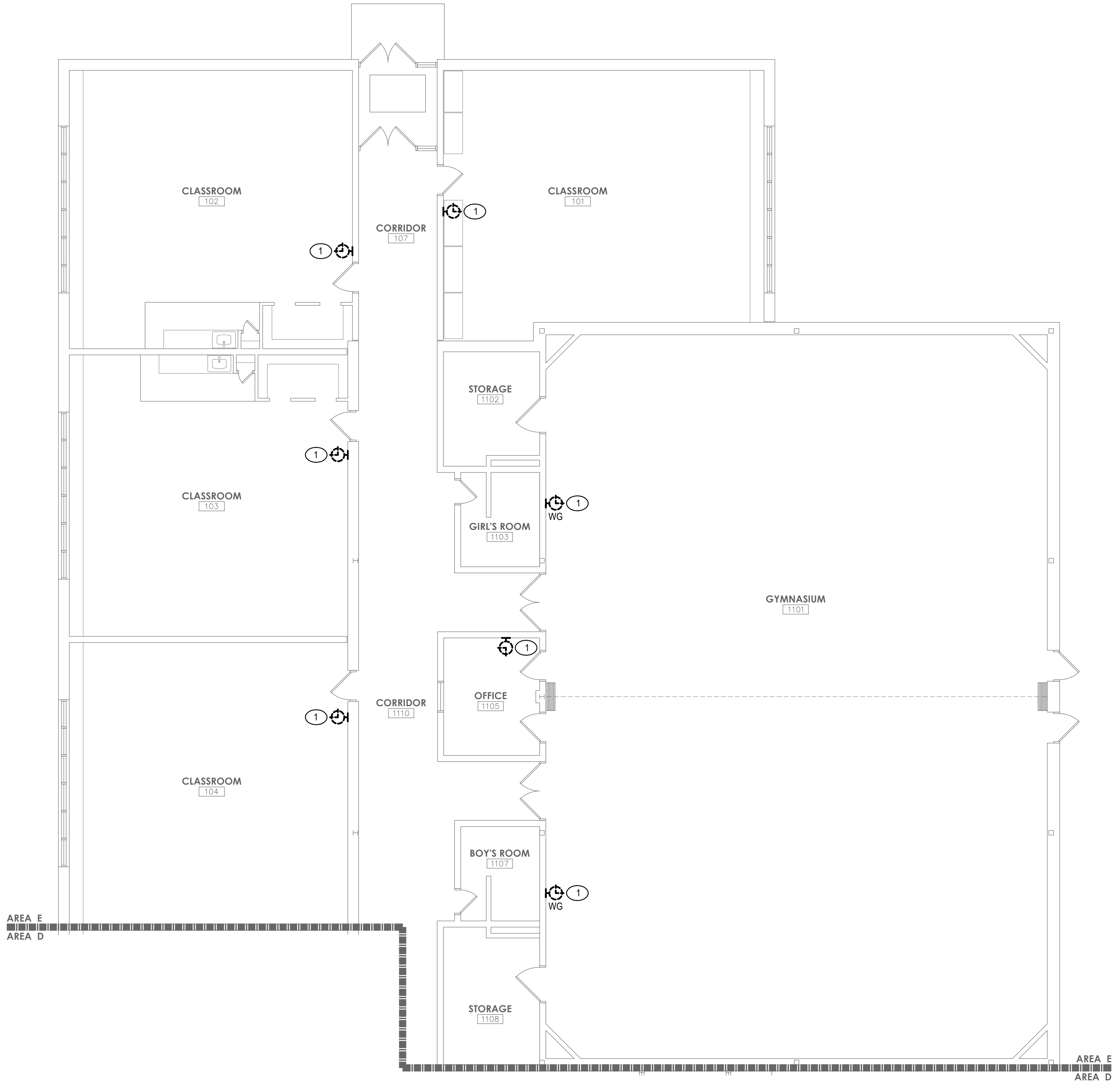
HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

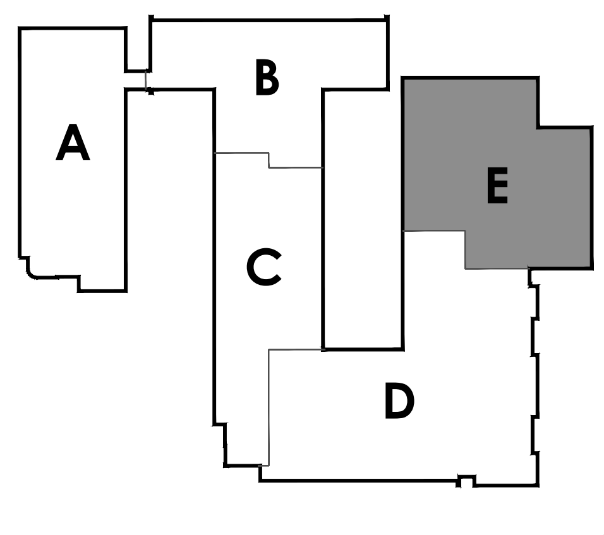
Drawing Number :
EH 204

REMOVAL NOTES: ○

1. ALTERNATE 5-E: DISPOSE OF WIRELESS CLOCK.



① **FIRST FLOOR PLAN - AREA E**
SCALE: 1/8" = 1'-0"



FIRST FLOOR KEY PLAN
NO SCALE

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
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Drawing Number :
EH
205

Drawing Title :
FIRST FLOOR
REMOVAL PLAN - AREA E

HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

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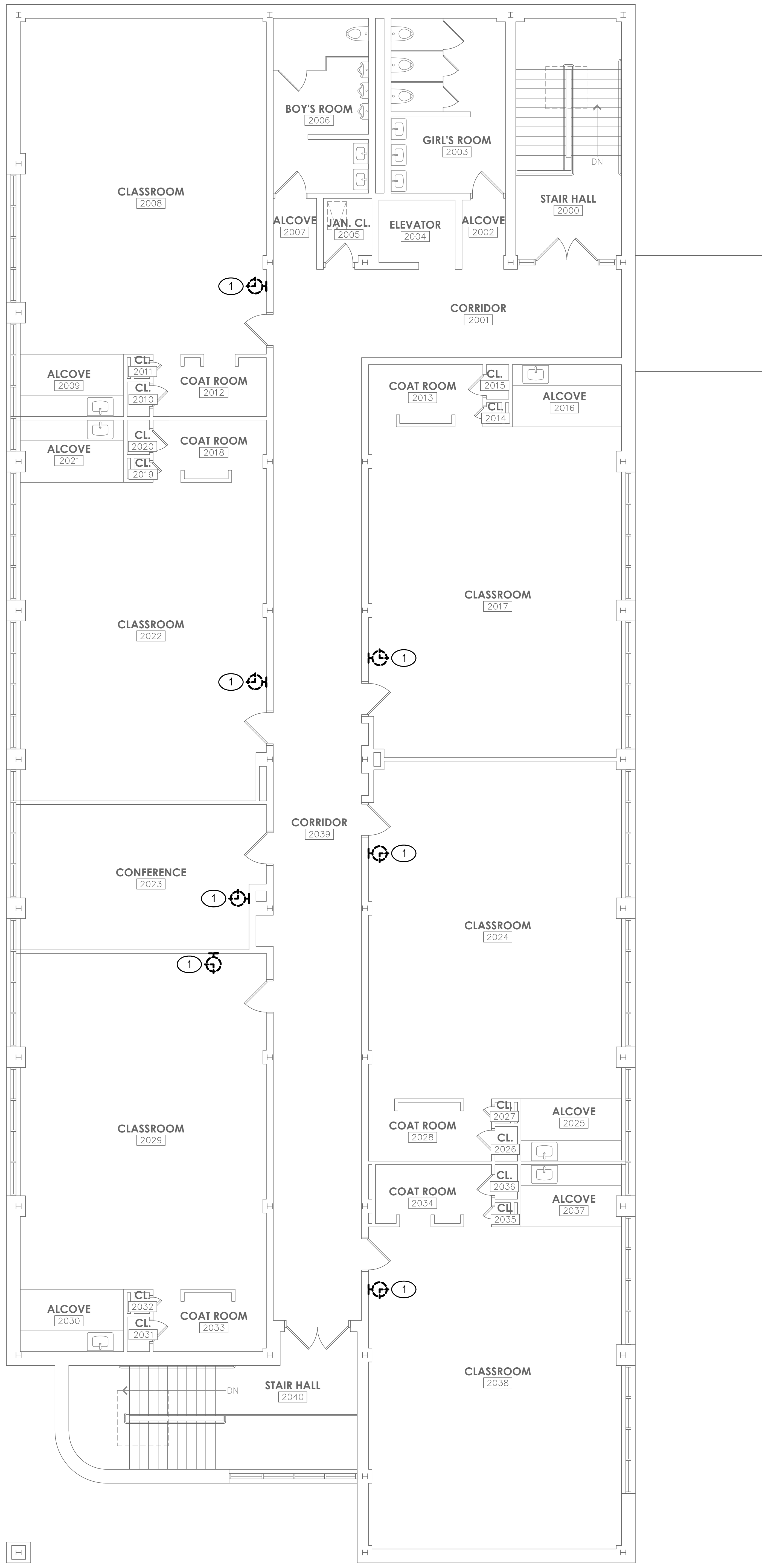
REMOVAL NOTES: ○

1. ALTERNATE 5-E: DISPOSE OF WIRELESS CLOCK.



SECOND FLOOR PLAN

1

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

N

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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ES # 19072

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

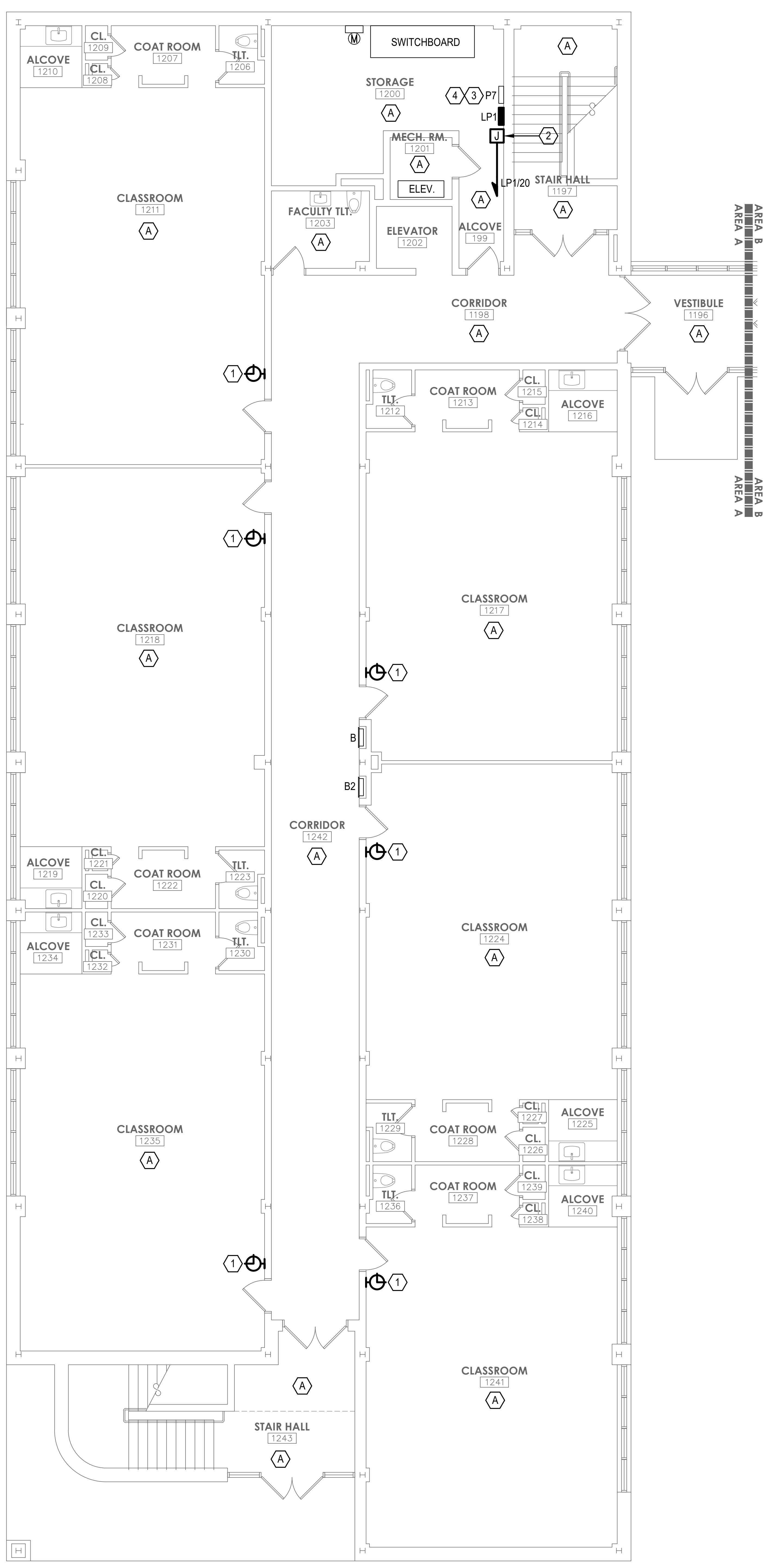
Drawing Title :
SECOND FLOOR
REMOVAL PLAN

HILLCREST ELEMENTARY

APN : 1901.2 | Date : October 2, 2020 | Drawn by : CMC

Drawing Number :

EH 206



1 FIRST FLOOR PLAN - AREA A

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

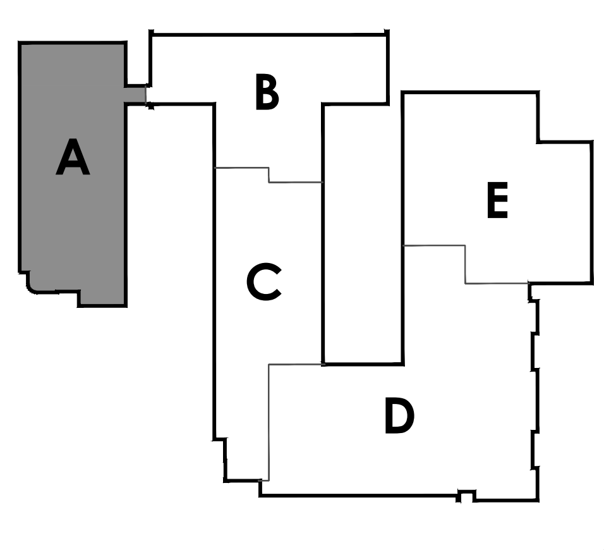
N

DRAWING NOTES:

1. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK.
2. PROVIDE 120V BRANCH CIRCUIT FOR TEMPERATURE CONTROLS CONTRACTOR (TC). TC TO PROVIDE POWER FROM THIS LOCATION TO THEIR EQUIPMENT, COORDINATE FINAL LOCATION WITH TC.
3. EXISTING 208Y/120V, 600A MLO, 3-PHASE, 4-WIRE DISTRIBUTION PANELBOARD. PROVIDE BUS TAP AND LUGS FOR PANELBOARD LP1.
4. PROVIDE (4)-600 KCMIL, (1)-#2 AWG EGC IN 4"C FROM PANELBOARD P7 TO PANELBOARD LP1.

CEILING SCHEDULE

DESIGNATION	DESCRIPTION
A	ACCESSIBLE CEILING
B	INACCESSIBLE CEILING
C	EXPOSED STRUCTURE



FIRST FLOOR KEY PLAN

NO SCALE

N

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
FIRST FLOOR POWER &
SYSTEMS PLAN - AREA A

HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

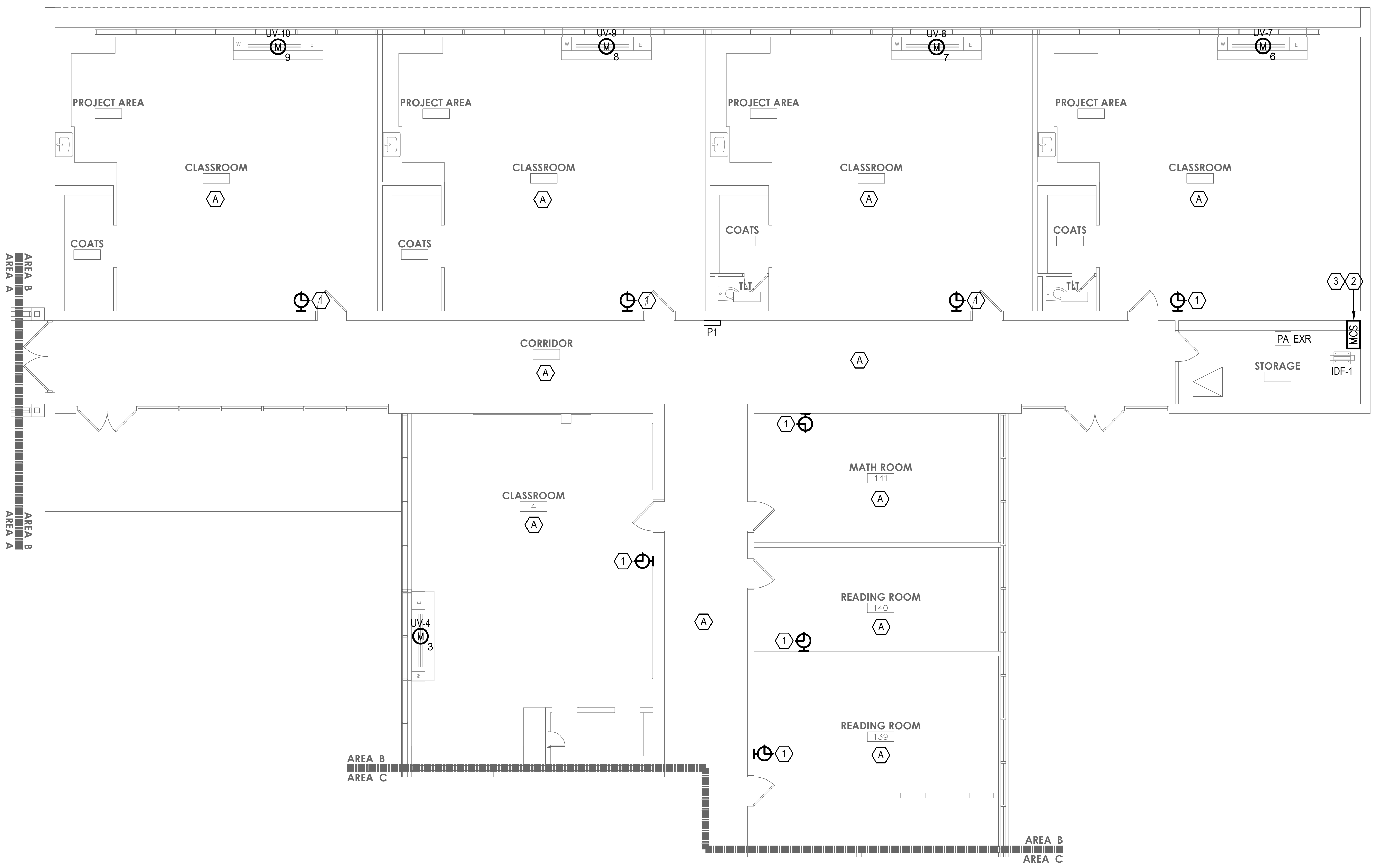
Drawing Number :
EH 401

DRAWING NOTES: ⬡

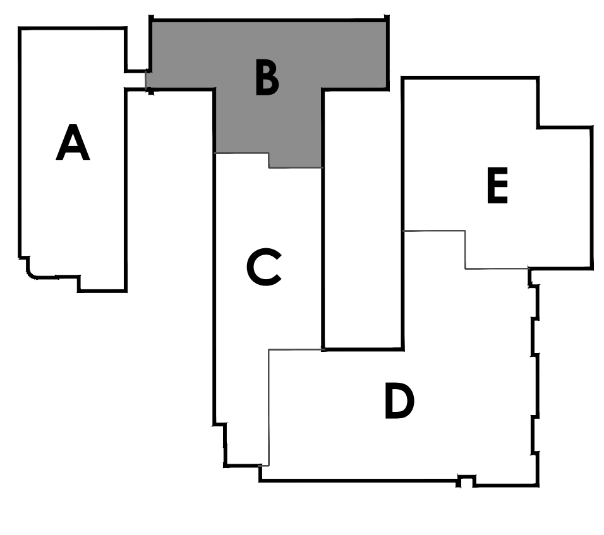
1. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK.
2. ALTERNATE 5-E: PROVIDE WIRELESS MASTER CLOCK SYSTEM.
3. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK TONE GENERATOR AND CONNECTION TO EXISTING PUBLIC ADDRESS SYSTEM FOR BELL SCHEDULE. PROVIDE CATEGORY 6 CABLE TO IDF-1 AND TERMINATE ON EXISTING PATCH PANEL.

CEILING SCHEDULE

DESIGNATION	DESCRIPTION
A	ACCESSIBLE CEILING
B	INACCESSIBLE CEILING
C	EXPOSED STRUCTURE



1 FIRST FLOOR PLAN - AREA B
SCALE: 1/8" = 1'-0"
N



FIRST FLOOR KEY PLAN
NO SCALE
N

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Seal

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☒ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Alterations to School District Facilities
Phase Two

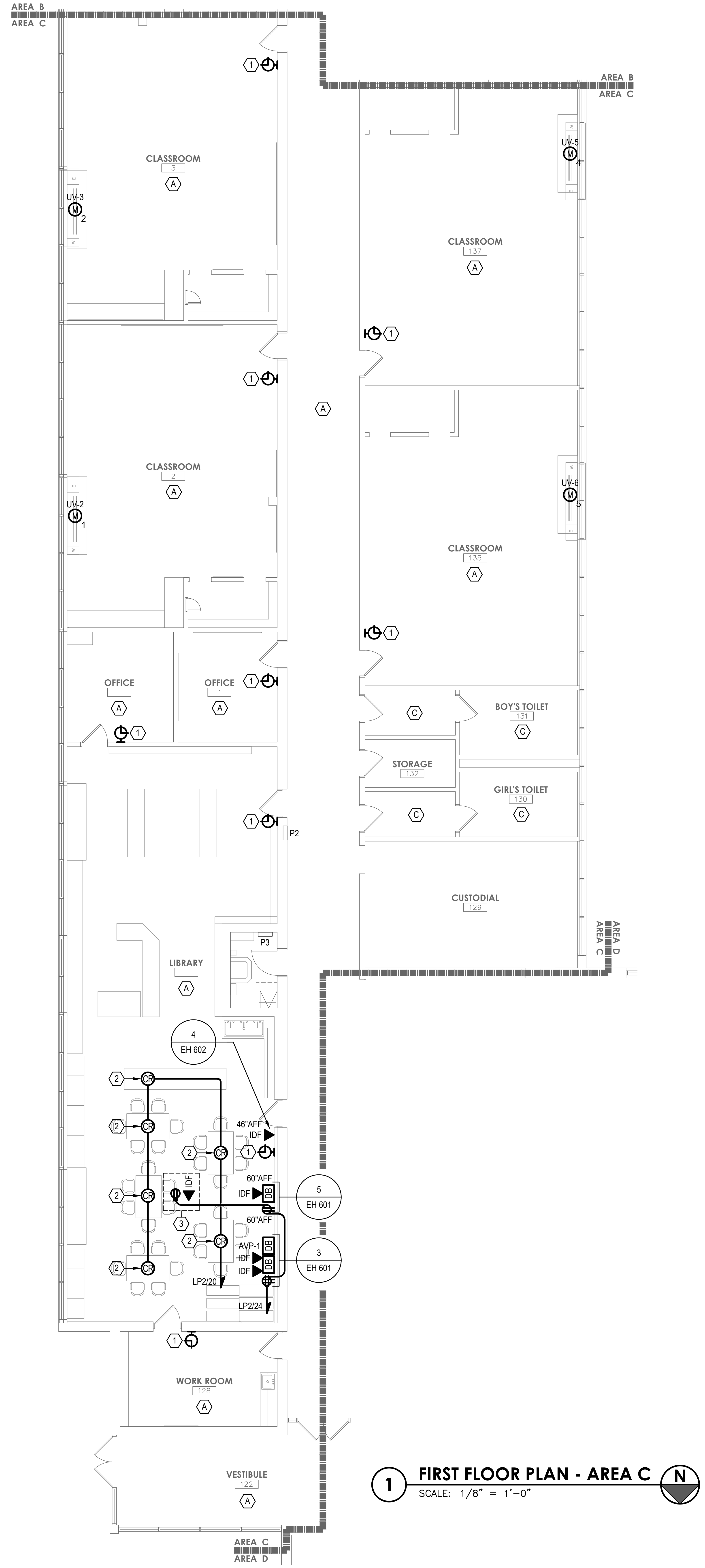
Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
FIRST FLOOR
POWER & SYSTEMS
PLAN - AREA B
HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

Drawing Number :
EH 402



1 FIRST FLOOR PLAN - AREA C

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

DRAWING NOTES:

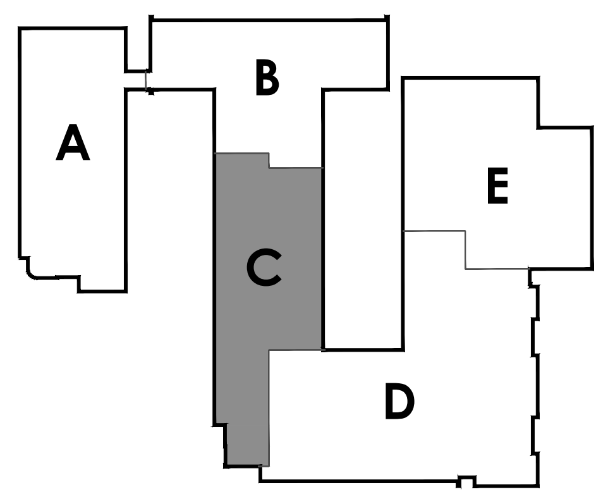
1. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK.
2. PROVIDE CORD REEL (ACCESSIBLE CEILING). REFER TO DETAIL 1/EH 601 FOR ADDITIONAL INFORMATION.
3. PROVIDE CEILING MOUNTED POWER AND DATA FOR FUTURE PROJECTOR.

CEILING SCHEDULE

DESIGNATION	DESCRIPTION
A	ACCESSIBLE CEILING
B	INACCESSIBLE CEILING
C	EXPOSED STRUCTURE

CABLE SCHEDULE

CABLE TYPE	CABLE AND JACK COLOR	APPLICATION
CAT 6	BLUE	DATA AND VOIP
CAT 6	ORANGE	SECURITY/DOOR ACCESS
CAT 6A	GREEN	ALL WIRELESS ACCESS POINTS



FIRST FLOOR KEY PLAN

NO SCALE

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Drawing Number :
EH 403

Drawing Title :
FIRST FLOOR
POWER & SYSTEMS
PLAN - AREA C
HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

Revision :
ISSUED FOR BID
2/01/2021

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

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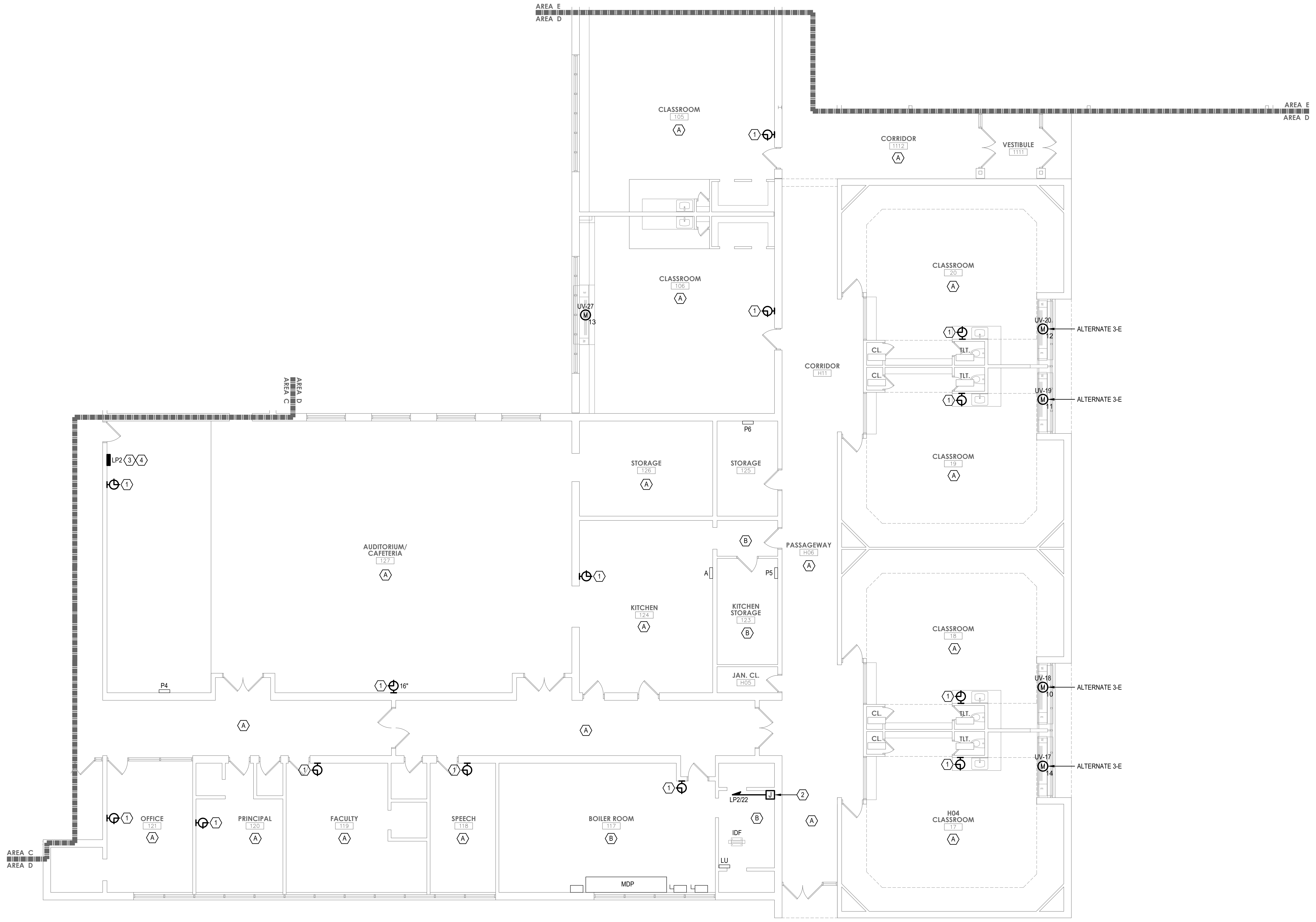
DRAWING NOTES:

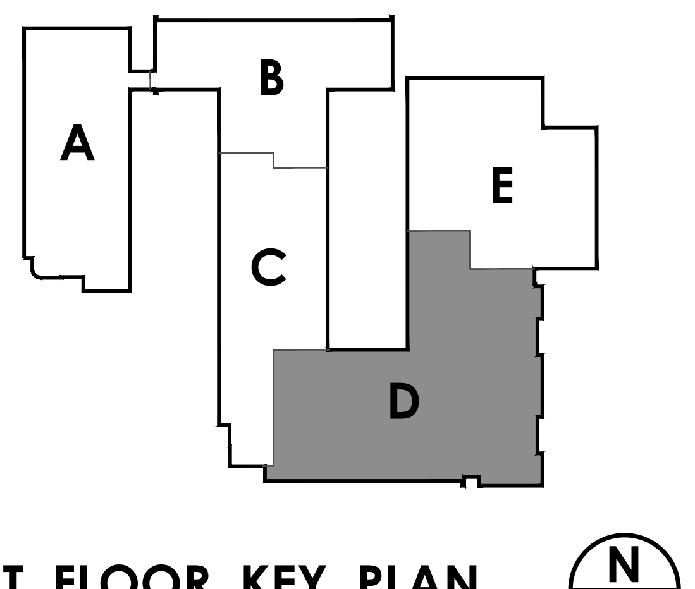
1. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK.
2. PROVIDE 120V BRANCH CIRCUIT FOR TEMPERATURE CONTROLS CONTRACTOR (TC). TC TO PROVIDE POWER FROM THIS LOCATION TO THEIR EQUIPMENT, COORDINATE FINAL LOCATION WITH TC.
3. COORDINATE FINAL LOCATION OF PANEL WITH OWNER PRIOR TO ROUGH-IN.
4. PROVIDE (4)-250 KCMIL, (1)-#4 AWG EGC IN 2-1/2"C FROM PANELBOARD LP2 TO 225A 3-POLE SUB-FEED BREAKER IN PANELBOARD LP1.

CEILING SCHEDULE

DESIGNATION	DESCRIPTION
A	ACCESSIBLE CEILING
B	INACCESSIBLE CEILING
C	EXPOSED STRUCTURE



1 **FIRST FLOOR PLAN - AREA D**
SCALE: 1/8" = 1'-0"



FIRST FLOOR KEY PLAN
NO SCALE

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
FIRST FLOOR
POWER & SYSTEMS
PLAN - AREA D
HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

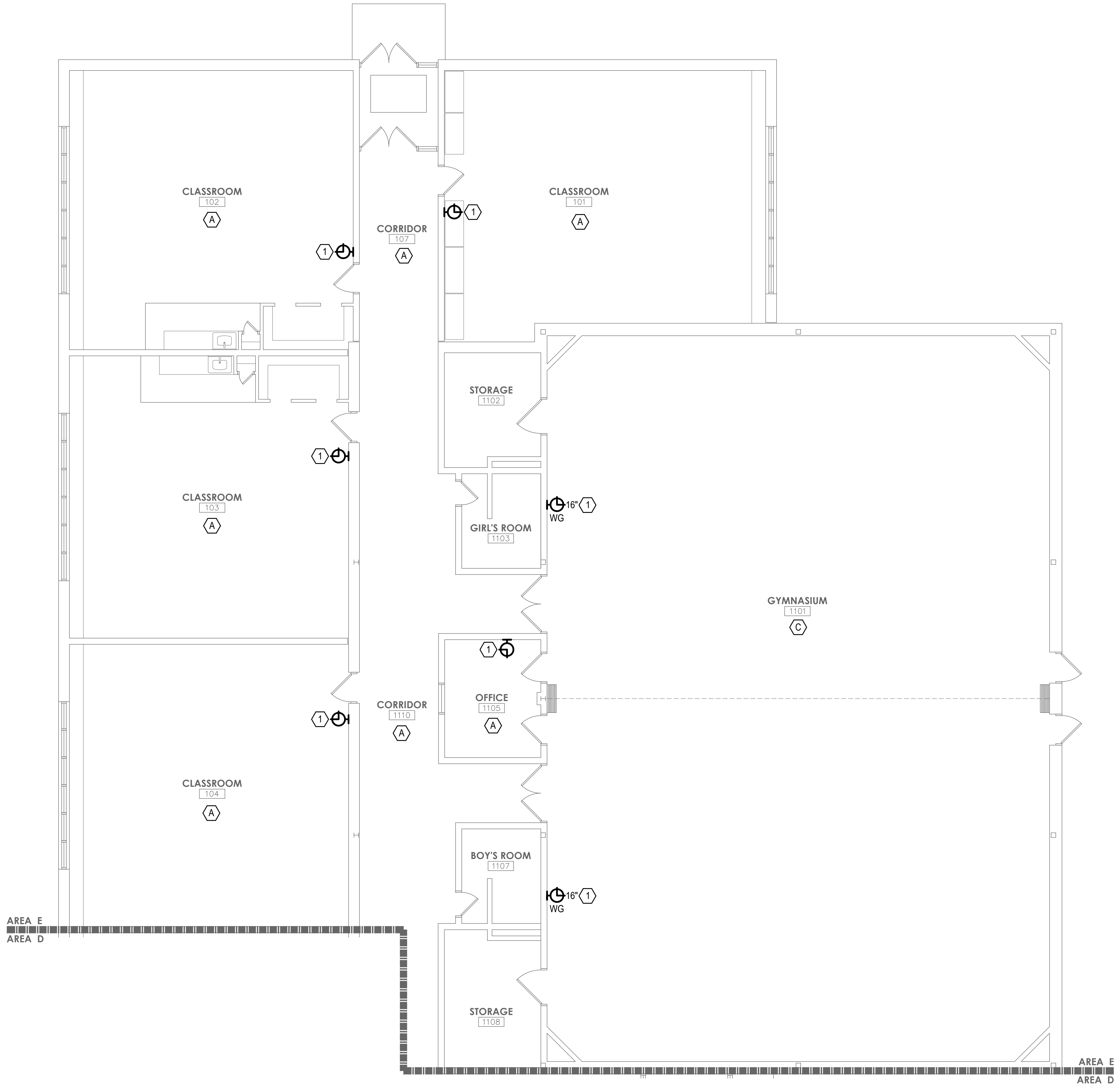
Drawing Number :
EH 404

DRAWING NOTES: ⬡

1. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK.

CEILING SCHEDULE

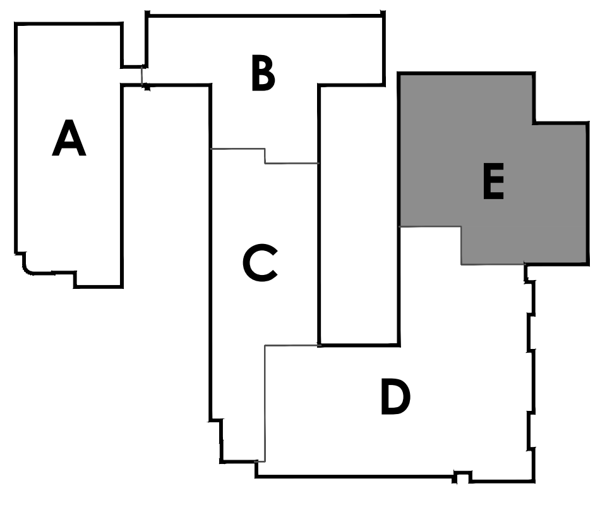
DESIGNATION	DESCRIPTION
Ⓐ	ACCESSIBLE CEILING
Ⓑ	INACCESSIBLE CEILING
Ⓒ	EXPOSED STRUCTURE



1 **FIRST FLOOR PLAN - AREA E**

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

N



FIRST FLOOR KEY PLAN

NO SCALE

N

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
FIRST FLOOR
SYSTEMS PLAN - AREA E

HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : CMC

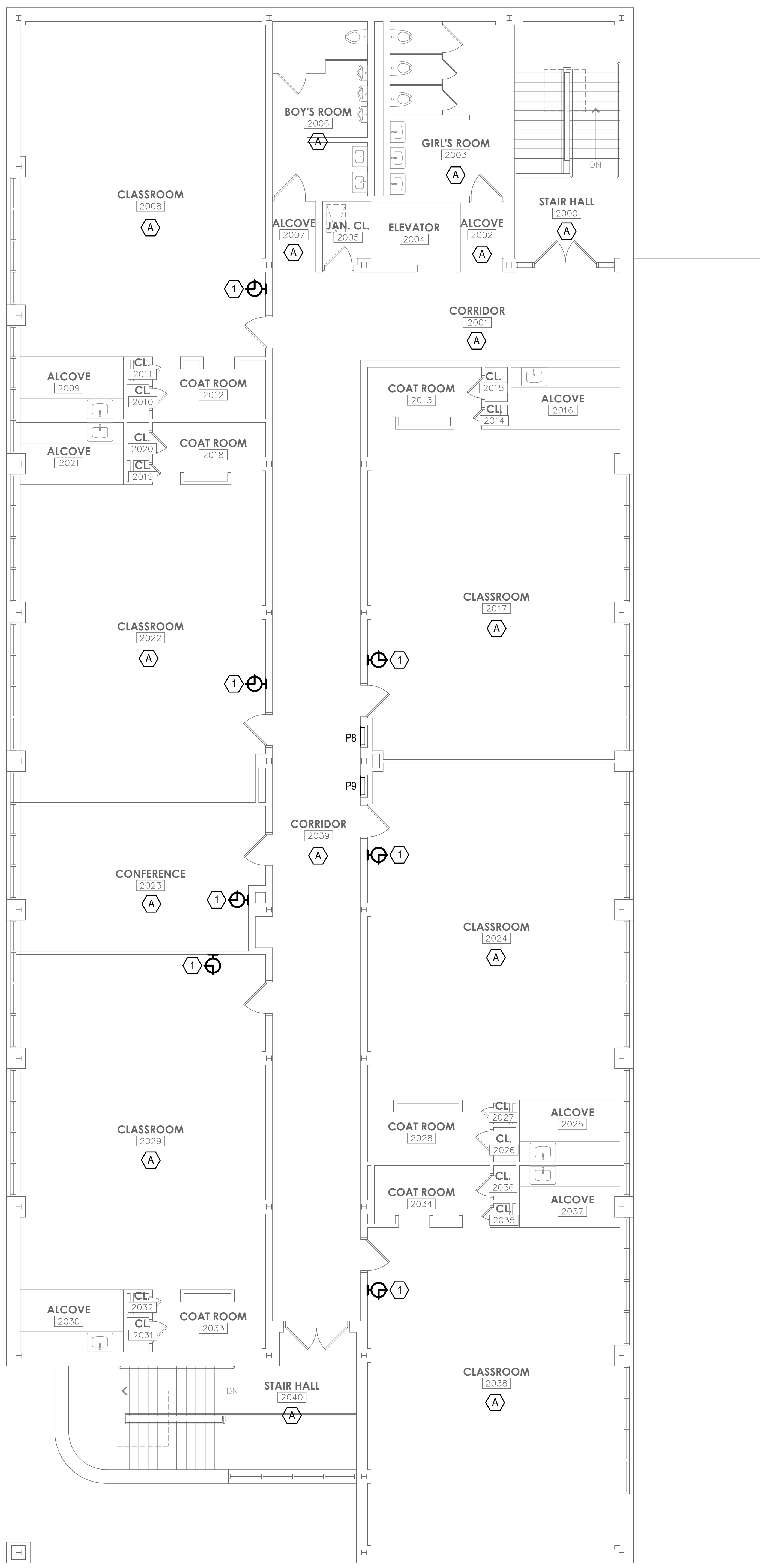
Drawing Number :
EH 405

DRAWING NOTES: ⬡

1. ALTERNATE 5-E: PROVIDE WIRELESS CLOCK.

CEILING SCHEDULE

DESIGNATION	DESCRIPTION
A	ACCESSIBLE CEILING
B	INACCESSIBLE CEILING
C	EXPOSED STRUCTURE



1 SECOND FLOOR PLAN

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

N

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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :

ISSUED FOR BID
2/01/2021

Drawing Title :

SECOND FLOOR
SYSTEMS PLAN

HILLCREST ELEMENTARY

APN : 1901.2

Date : October 2, 2020

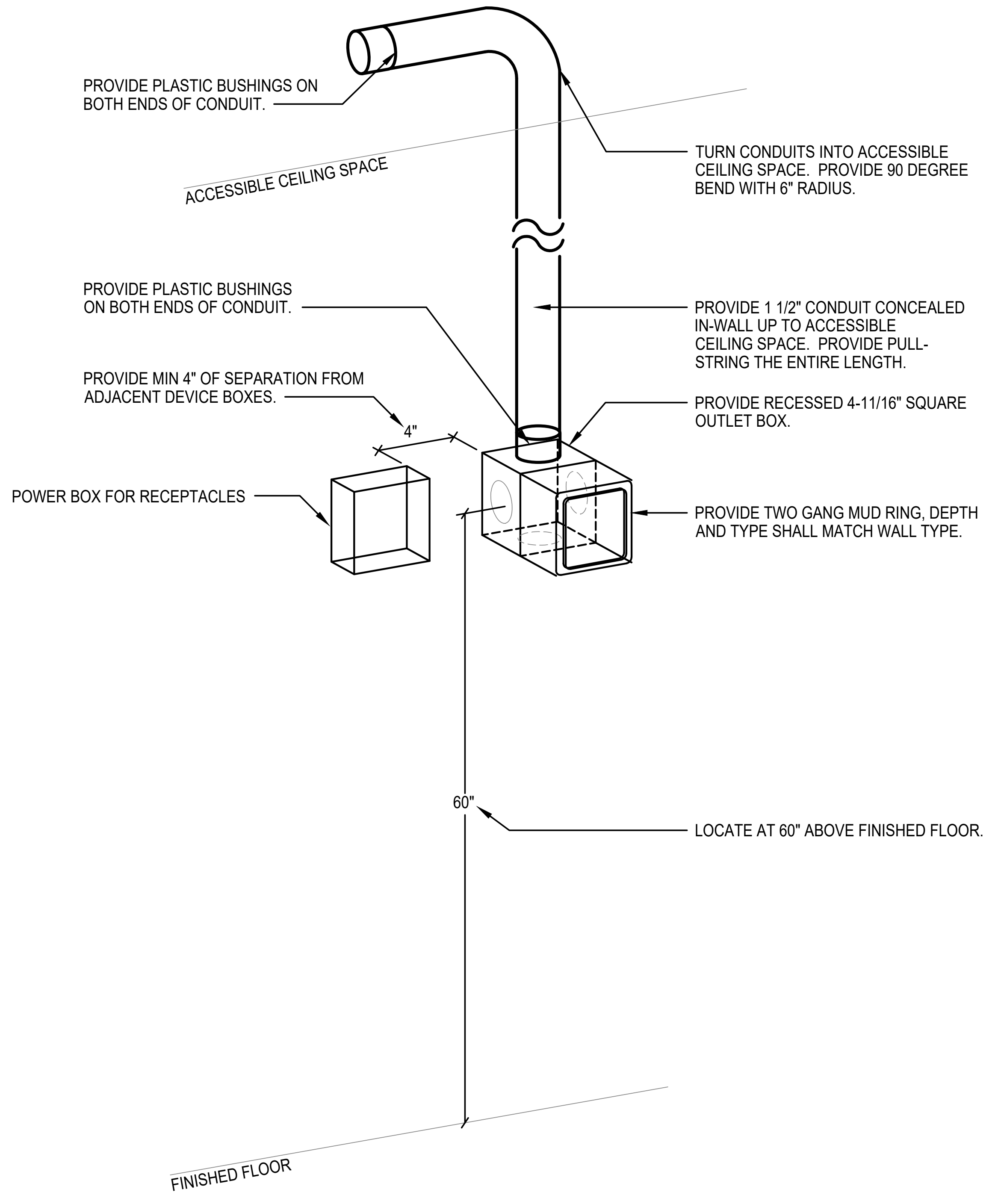
Drawn by : CMC

Drawing Number :

EH
406

NOTES

1. REFER TO DETAIL 6/EH 601 FOR ADDITIONAL INFORMATION.

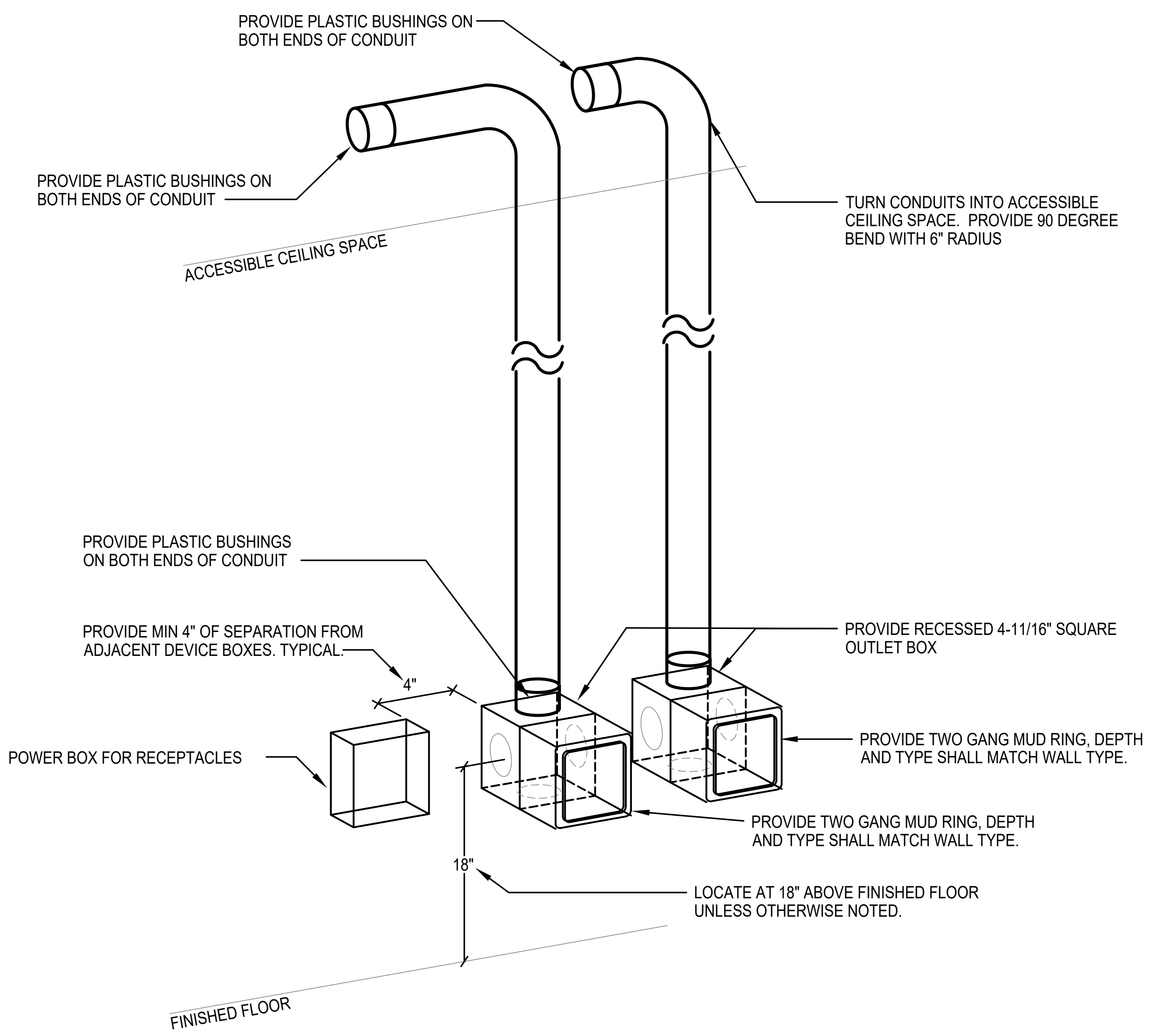

PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT.
ACCESSIBLE CEILING SPACE
TURN CONDUITS INTO ACCESSIBLE CEILING SPACE. PROVIDE 90 DEGREE BEND WITH 6" RADIUS.
PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT.
PROVIDE 1 1/2" CONDUIT CONCEALED IN-WALL UP TO ACCESSIBLE CEILING SPACE. PROVIDE PULL-STRING THE ENTIRE LENGTH.
PROVIDE MIN 4" OF SEPARATION FROM ADJACENT DEVICE BOXES.
4"
PROVIDE RECESSED 4-11/16" SQUARE OUTLET BOX.
POWER BOX FOR RECEPTACLES
PROVIDE TWO GANG MUD RING, DEPTH AND TYPE SHALL MATCH WALL TYPE.
60"
LOCATE AT 60" ABOVE FINISHED FLOOR.
FINISHED FLOOR

5 INTERACTIVE LED BOARD NEW WALL CONSTRUCTION

SCALE: NTS

NOTES

1. REFER TO DETAIL 4/EH 601 FOR ADDITIONAL INFORMATION.


PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT
PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT
ACCESSIBLE CEILING SPACE
TURN CONDUITS INTO ACCESSIBLE CEILING SPACE. PROVIDE 90 DEGREE BEND WITH 6" RADIUS
PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT
PROVIDE MIN 4" OF SEPARATION FROM ADJACENT DEVICE BOXES. TYPICAL
4"
PROVIDE RECESSED 4-11/16" SQUARE OUTLET BOX
POWER BOX FOR RECEPTACLES
PROVIDE TWO GANG MUD RING, DEPTH AND TYPE SHALL MATCH WALL TYPE.
PROVIDE TWO GANG MUD RING, DEPTH AND TYPE SHALL MATCH WALL TYPE.
18"
LOCATE AT 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
FINISHED FLOOR

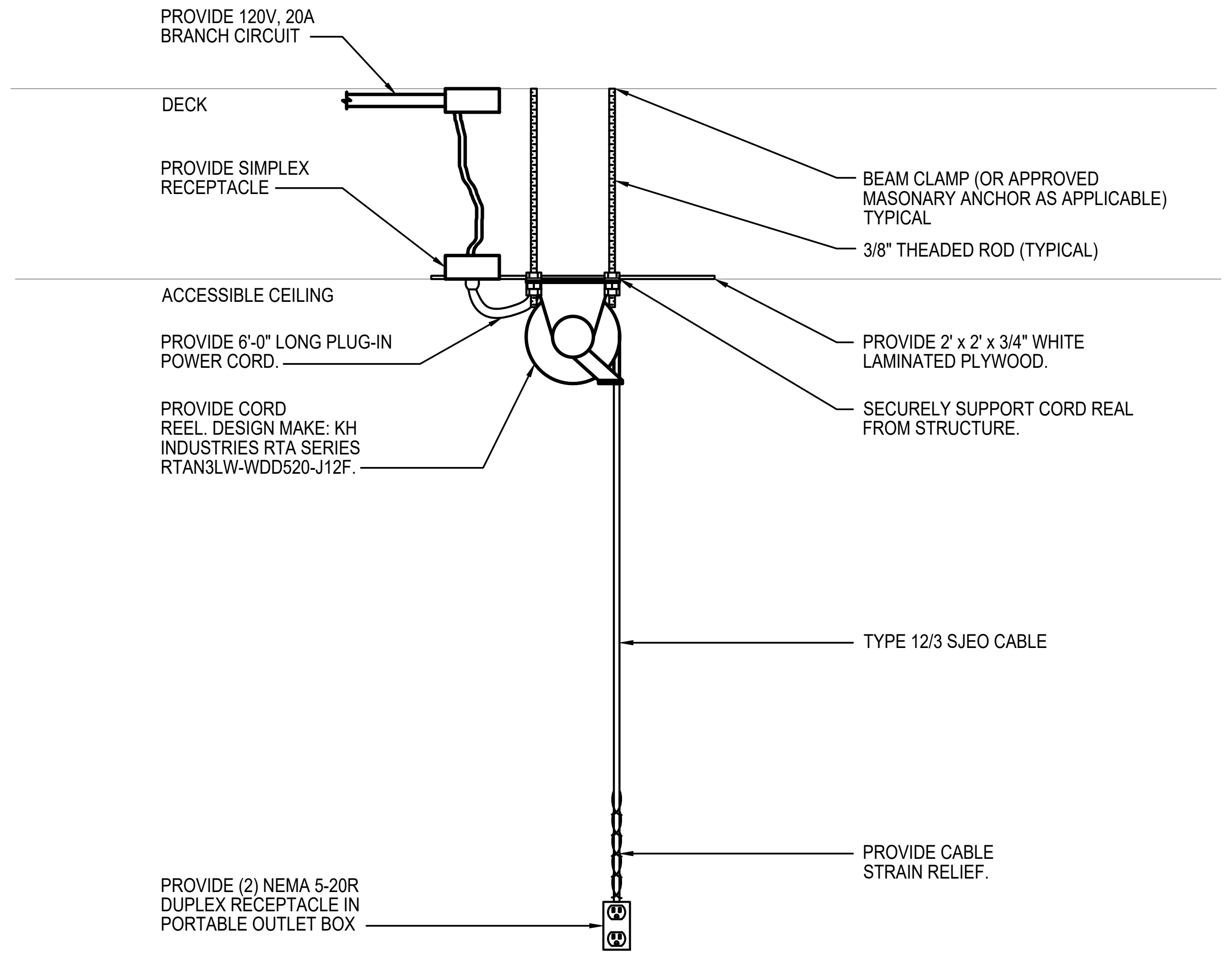
3 TEACHERS STATION NEW WALL CONSTRUCTION DETAIL

SCALE: NTS

NOTES

A. INSTALL IN FULL COMPLIANCE WITH MANUFACTURE'S INSTALLATION INSTRUCTIONS.

B. COORDINATE FINAL LOCATIONS WITH OWNER.

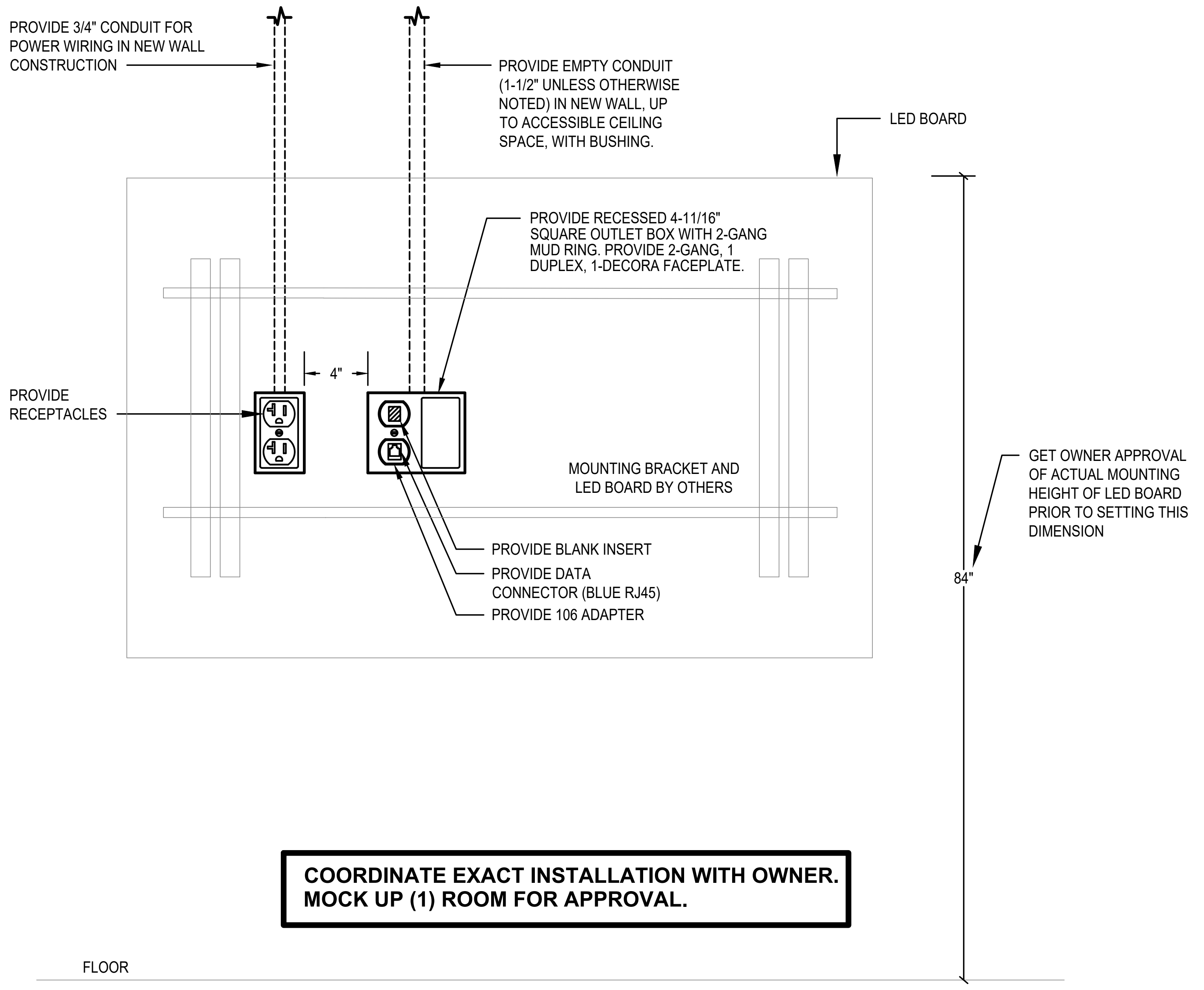

PROVIDE 120V, 20A BRANCH CIRCUIT
DECK
PROVIDE SIMPLEX RECEPTACLE
ACCESSIBLE CEILING
PROVIDE 6'-0" LONG PLUG-IN POWER CORD.
PROVIDE CORD REEL. DESIGN MAKE: KH INDUSTRIES RTA SERIES RTAN3LW-WDD520-J12F.
BEAM CLAMP (OR APPROVED MASONARY ANCHOR AS APPLICABLE) TYPICAL
3/8" THEADED ROD (TYPICAL)
PROVIDE 2' x 2' x 3/4" WHITE LAMINATED PLYWOOD.
SECURELY SUPPORT CORD REAL FROM STRUCTURE.
TYPE 12/3 SJEO CABLE
PROVIDE CABLE STRAIN RELIEF.
PROVIDE (2) NEMA 5-20R DUPLEX RECEPTACLE IN PORTABLE OUTLET BOX

1 CORD REEL RECEPTACLE DETAIL (ACCESSIBLE CEILING)

SCALE: NTS

NOTES

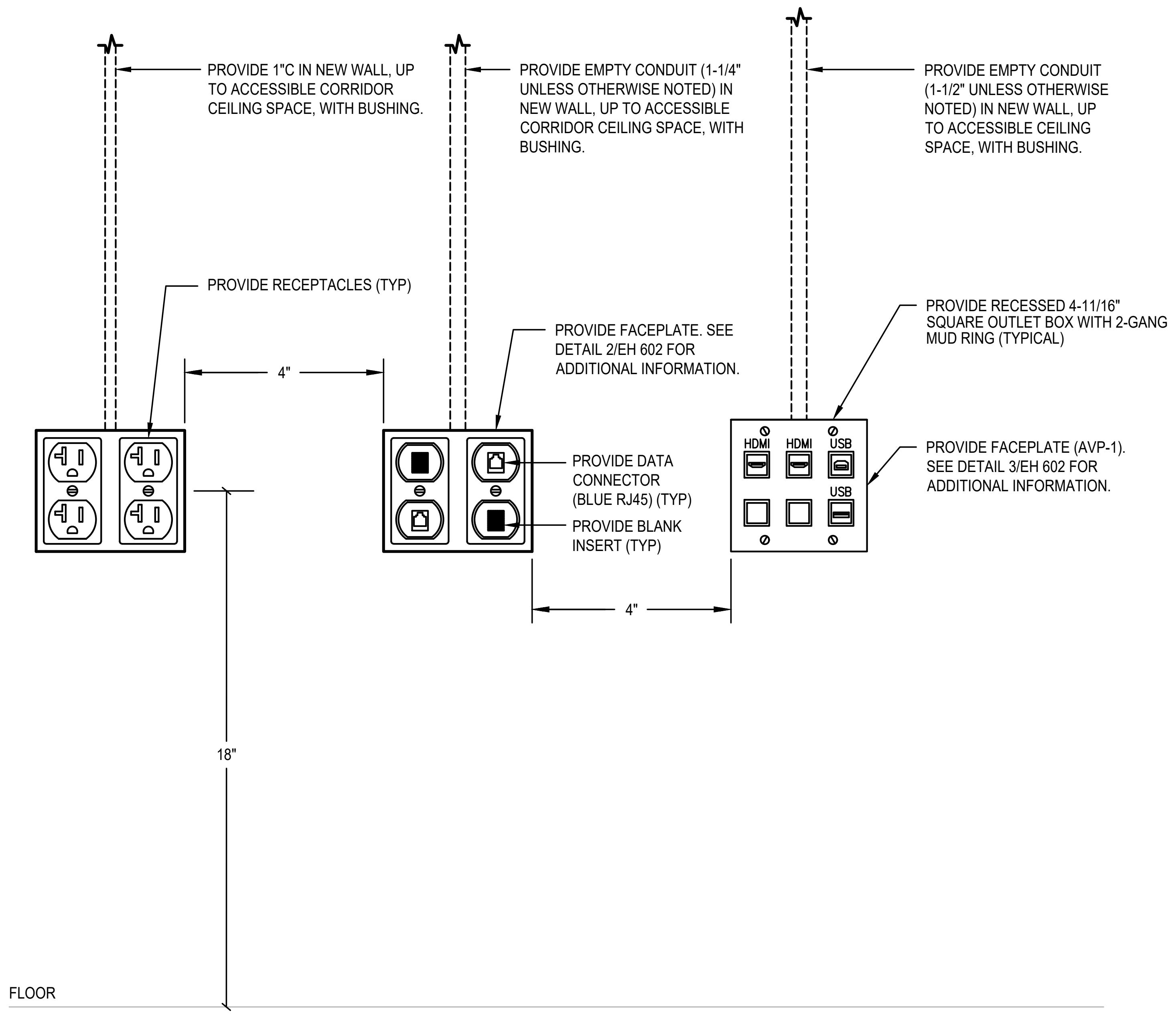
A. REFER TO 3/EH 602 FOR MULTI-MEDIA CABLING REQUIREMENTS.


PROVIDE 3/4" CONDUIT FOR POWER WIRING IN NEW WALL CONSTRUCTION
PROVIDE EMPTY CONDUIT (1-1/2" UNLESS OTHERWISE NOTED) IN NEW WALL, UP TO ACCESSIBLE CEILING SPACE, WITH BUSHING.
LED BOARD
PROVIDE RECESSED 4-11/16" SQUARE OUTLET BOX WITH 2-GANG MUD RING. PROVIDE 2-GANG, 1 DUPLEX, 1-DECORA FACEPLATE.
4"
PROVIDE RECEPTACLES
MOUNTING BRACKET AND LED BOARD BY OTHERS
GET OWNER APPROVAL OF ACTUAL MOUNTING HEIGHT OF LED BOARD PRIOR TO SETTING THIS DIMENSION
84"
PROVIDE BLANK INSERT
PROVIDE DATA CONNECTOR (BLUE RJ45)
PROVIDE 106 ADAPTER
FLOOR

COORDINATE EXACT INSTALLATION WITH OWNER. MOCK UP (1) ROOM FOR APPROVAL.

6 INTERACTIVE LED BOARD NEW WALL CONSTRUCTION

SCALE: NTS


PROVIDE 1"C IN NEW WALL, UP TO ACCESSIBLE CORRIDOR CEILING SPACE, WITH BUSHING.
PROVIDE EMPTY CONDUIT (1-1/4" UNLESS OTHERWISE NOTED) IN NEW WALL, UP TO ACCESSIBLE CORRIDOR CEILING SPACE, WITH BUSHING.
PROVIDE EMPTY CONDUIT (1-1/2" UNLESS OTHERWISE NOTED) IN NEW WALL, UP TO ACCESSIBLE CEILING SPACE, WITH BUSHING.
PROVIDE RECEPTACLES (TYP)
PROVIDE FACEPLATE. SEE DETAIL 2/EH 602 FOR ADDITIONAL INFORMATION.
PROVIDE RECESSED 4-11/16" SQUARE OUTLET BOX WITH 2-GANG MUD RING (TYPICAL)
4"
HDMI
HDMI
USB
USB
PROVIDE DATA CONNECTOR (BLUE RJ45) (TYP)
PROVIDE BLANK INSERT (TYP)
PROVIDE FACEPLATE (AVP-1). SEE DETAIL 3/EH 602 FOR ADDITIONAL INFORMATION.
4"
18"
FLOOR

4 TEACHERS STATION NEW WALL CONSTRUCTION DETAIL

SCALE: NTS

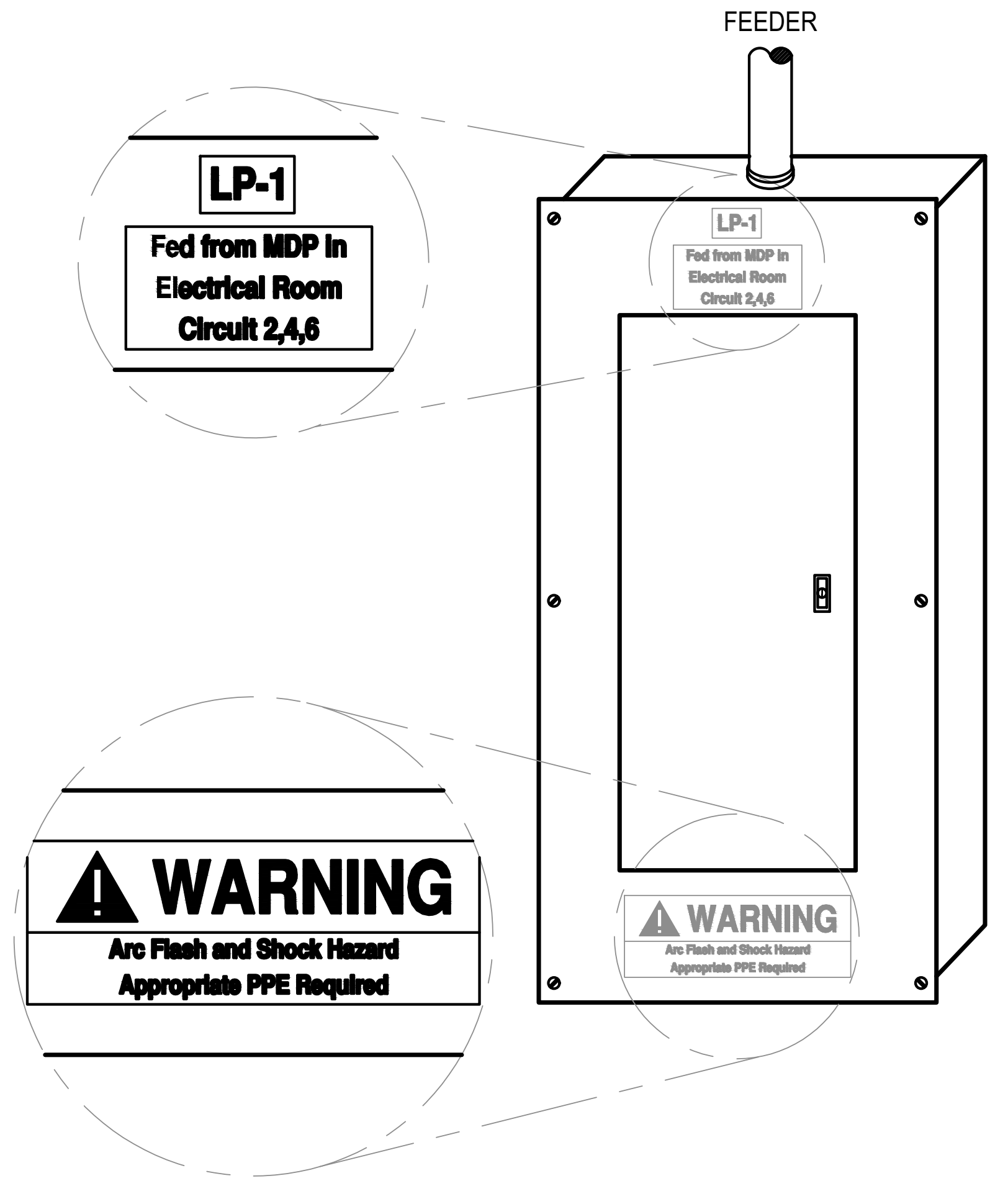
NOTES

A. PANELBOARDS SUPPLIED BY A FEEDER SHALL BE MARKED TO INDICATE WHERE THE POWER SUPPLY ORIGINATES PER NEC SECTION 408.4(B).

B. PROVIDE FLASH PROTECTION LABEL PER NEC SECTION 110.16.

C. REFER TO ELECTRICAL IDENTIFICATION SECTION 260195 FOR ADDITIONAL INFORMATION.

D. PROVIDE IDENTIFICATION FOR ALL PANELBOARD INSTALLATIONS.


FEEDER
LP-1
Fed from MDP in Electrical Room Circuit 2,4,6
WARNING
Arc Flash and Shock Hazard
Appropriate PPE Required

2 PANELBOARD IDENTIFICATION DETAIL

SCALE: NTS

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
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Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

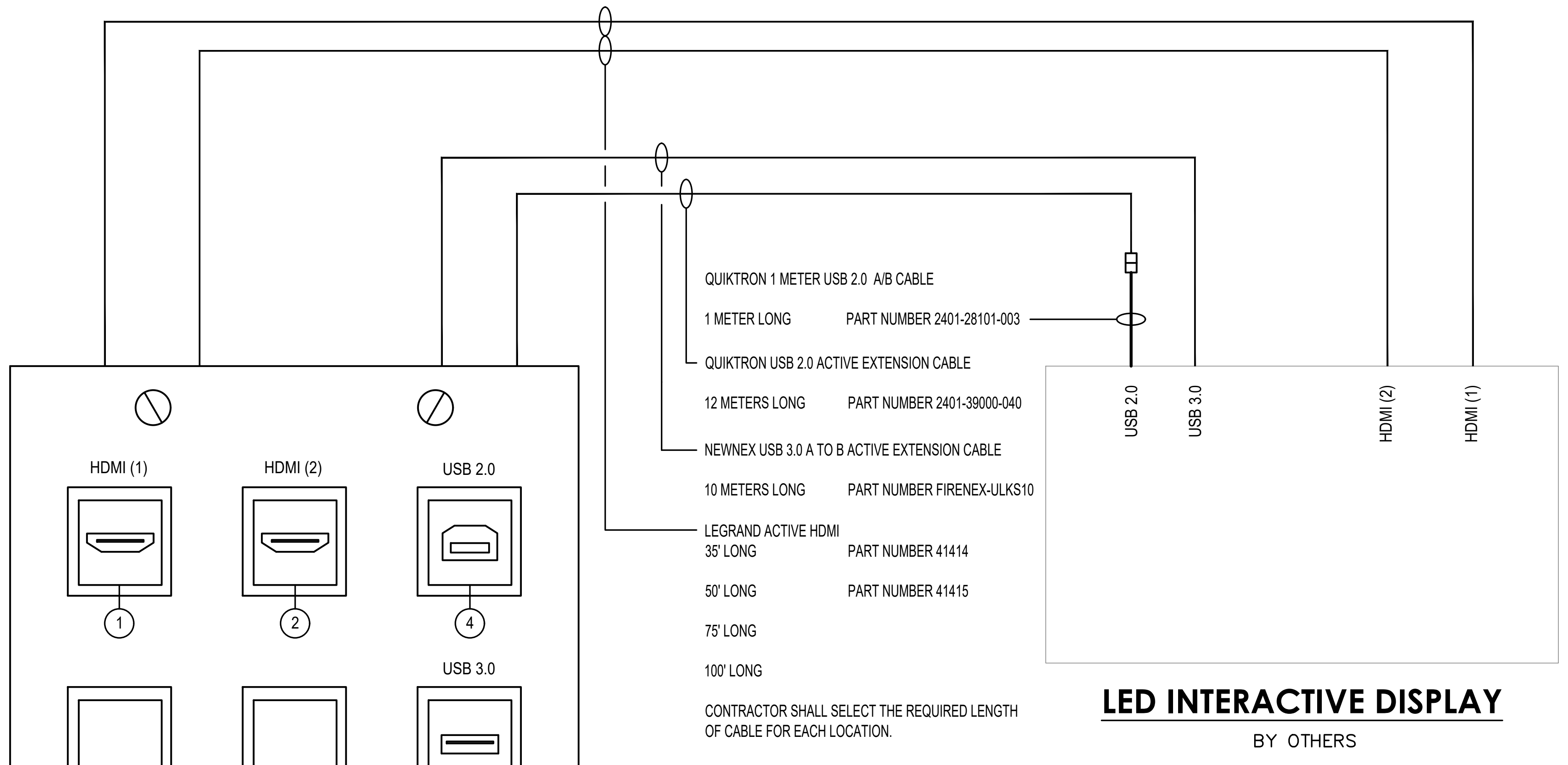
Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
DETAILS

HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : SDK

Drawing Number :
EH 601


HDMI (1)
HDMI (2)
USB 2.0
USB 3.0
1
2
4
3
3
5
QUIKTRON 1 METER USB 2.0 A/B CABLE
1 METER LONG PART NUMBER 2401-28101-003
QUIKTRON USB 2.0 ACTIVE EXTENSION CABLE
12 METERS LONG PART NUMBER 2401-39000-040
NEWNEX USB 3.0 A TO B ACTIVE EXTENSION CABLE
10 METERS LONG PART NUMBER FIRENEX-ULKS10
LEGRAND ACTIVE HDMI
35' LONG PART NUMBER 41414
50' LONG PART NUMBER 41415
75' LONG
100' LONG
CONTRACTOR SHALL SELECT THE REQUIRED LENGTH OF CABLE FOR EACH LOCATION.
USB 2.0
USB 3.0
HDMI (2)
HDMI (1)
LED INTERACTIVE DISPLAY
BY OTHERS

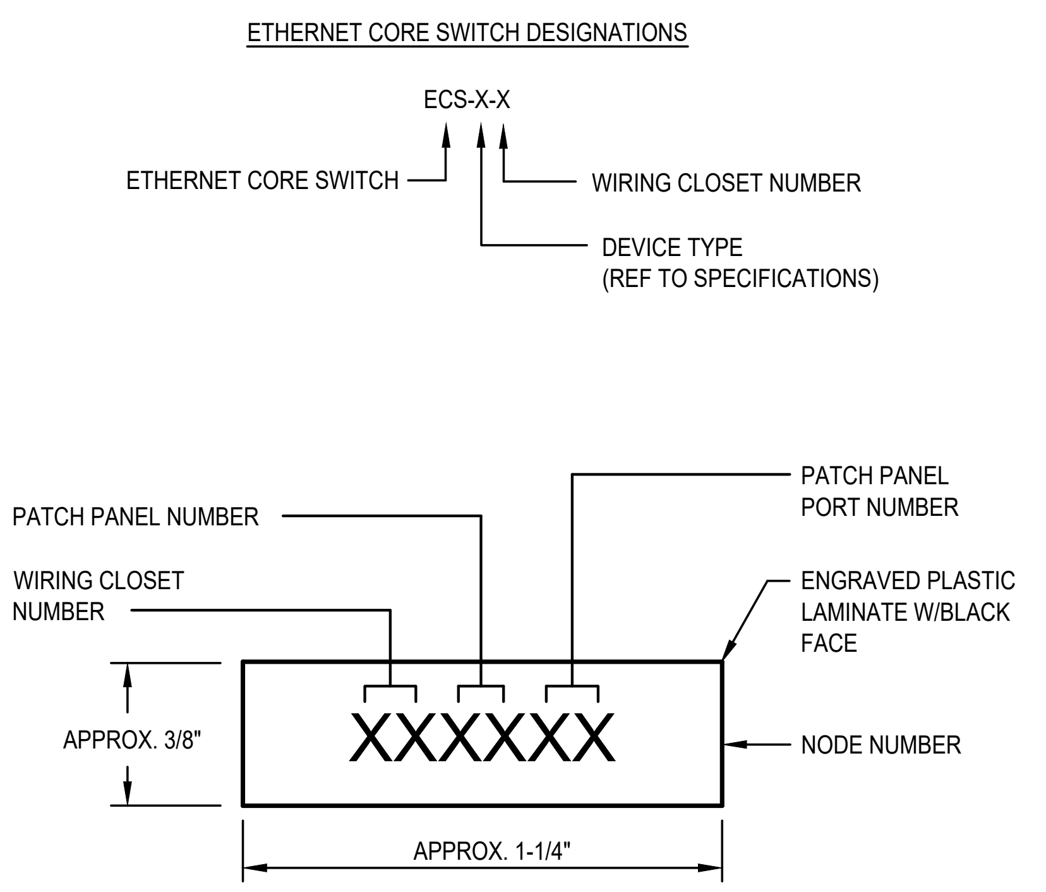
QUIKTRON 6-PORT DOUBLE GANG MULTIMEDIA KEYSTONE WALL PLATE
PART NUMBER 2601-37098-000

PARTS LIST

ITEM	DESCRIPTION	PART #
①	HDMI (1) - QUIKTRON SNAP-IN HDMI KEYSTONE MODULE	2601-03345-ADT
②	HDMI (2) - QUIKTRON SNAP-IN HDMI KEYSTONE MODULE	2601-03345-ADT
③	BLANK INSERT	
④	USB 2.0 - LEGRAND SNAP-IN USB KEYSTONE MODULE	2601-28751-ADT
⑤	USB 3.0 - LEGRAND SNAP-IN USB KEYSTONE MODULE	2601-68JK-0303AFAF

3 AVP-1 CABLING DIAGRAM

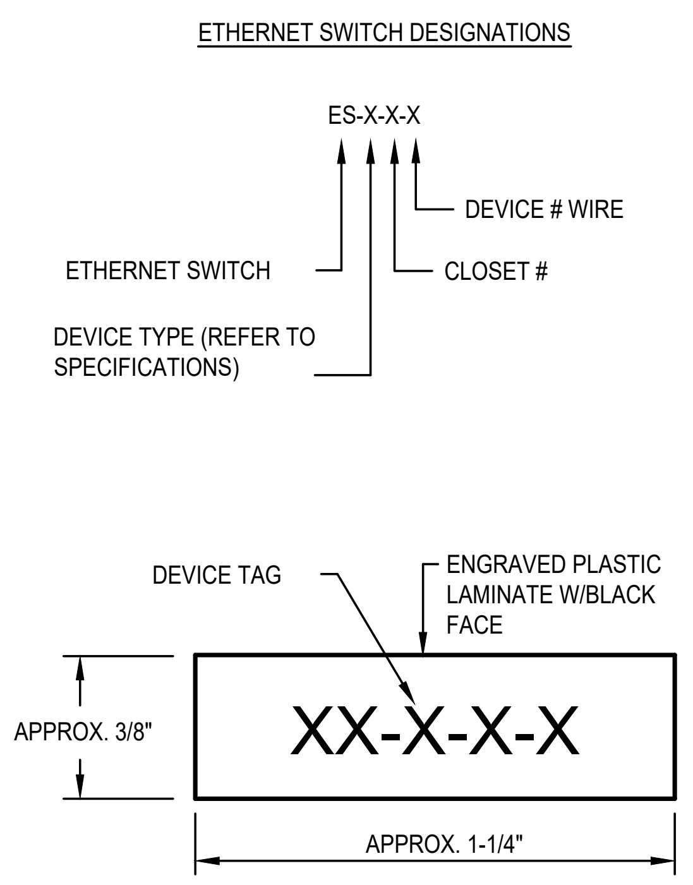
SCALE: NTS



DATA DROP LEGEND PLATE

NOTES:

1. PROVIDE (1) LEGEND PLATE FOR EACH DATA CONNECTION.
2. SECURELY MOUNT PLATE TO RACEWAY/POWER POLE WITH EPOXY STYLE ADHESIVE.


ETHERNET SWITCH DESIGNATIONS
ES-X-X-X
DEVICE # WIRE
ETHERNET SWITCH
CLOSET #
DEVICE TYPE (REFER TO SPECIFICATIONS)
DEVICE TAG
ENGRAVED PLASTIC LAMINATE W/BLACK FACE
APPROX. 3/8"
XX-X-X-X
APPROX. 1-1/4"

DEVICE PLATE DETAIL

NOTES:

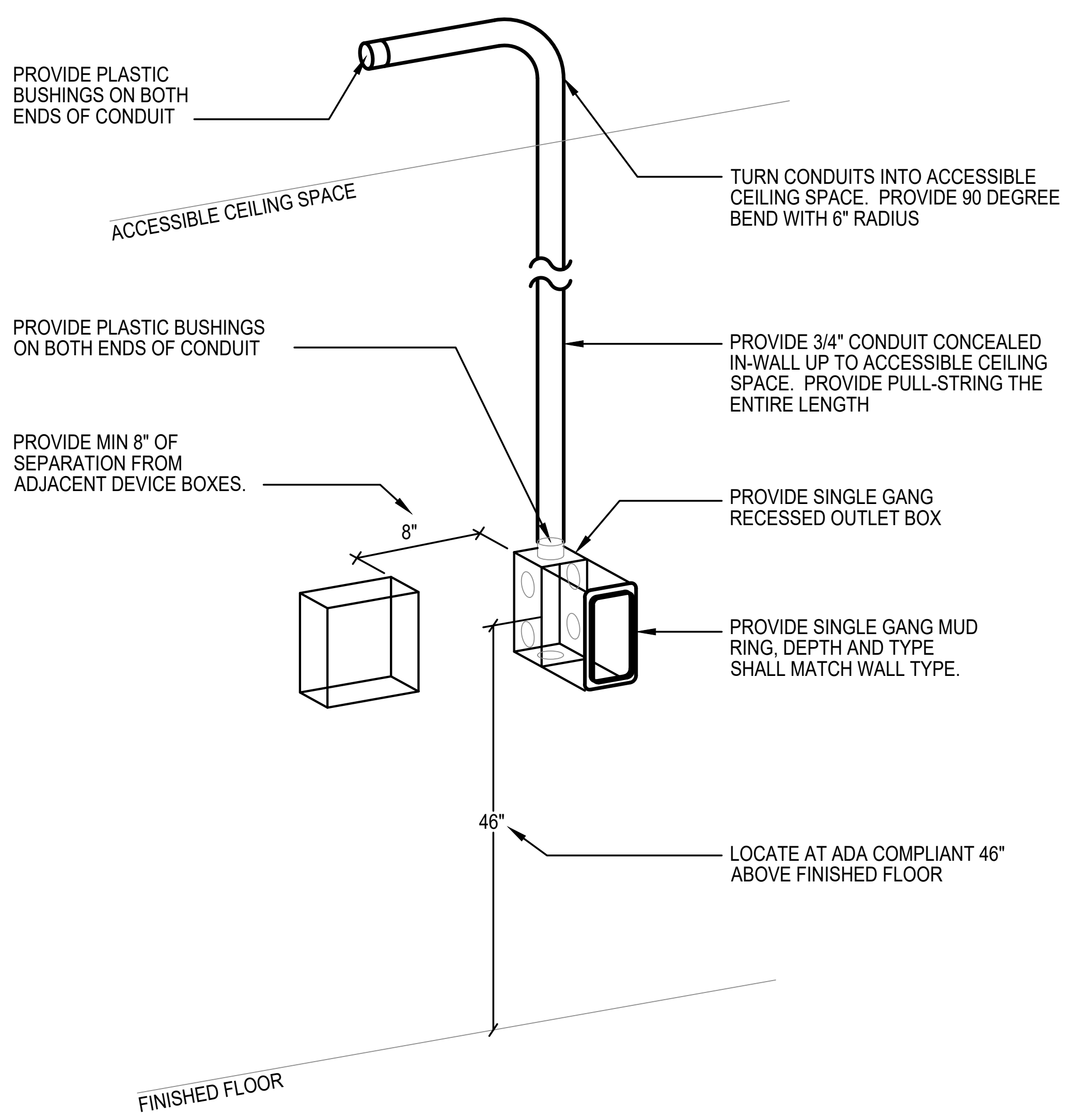
1. PROVIDE (1) DEVICE PLATE FOR EACH DEVICE, PROVIDE AND EXISTING.

1 DEVICE AND LEGEND PLATE DETAIL

SCALE: NTS

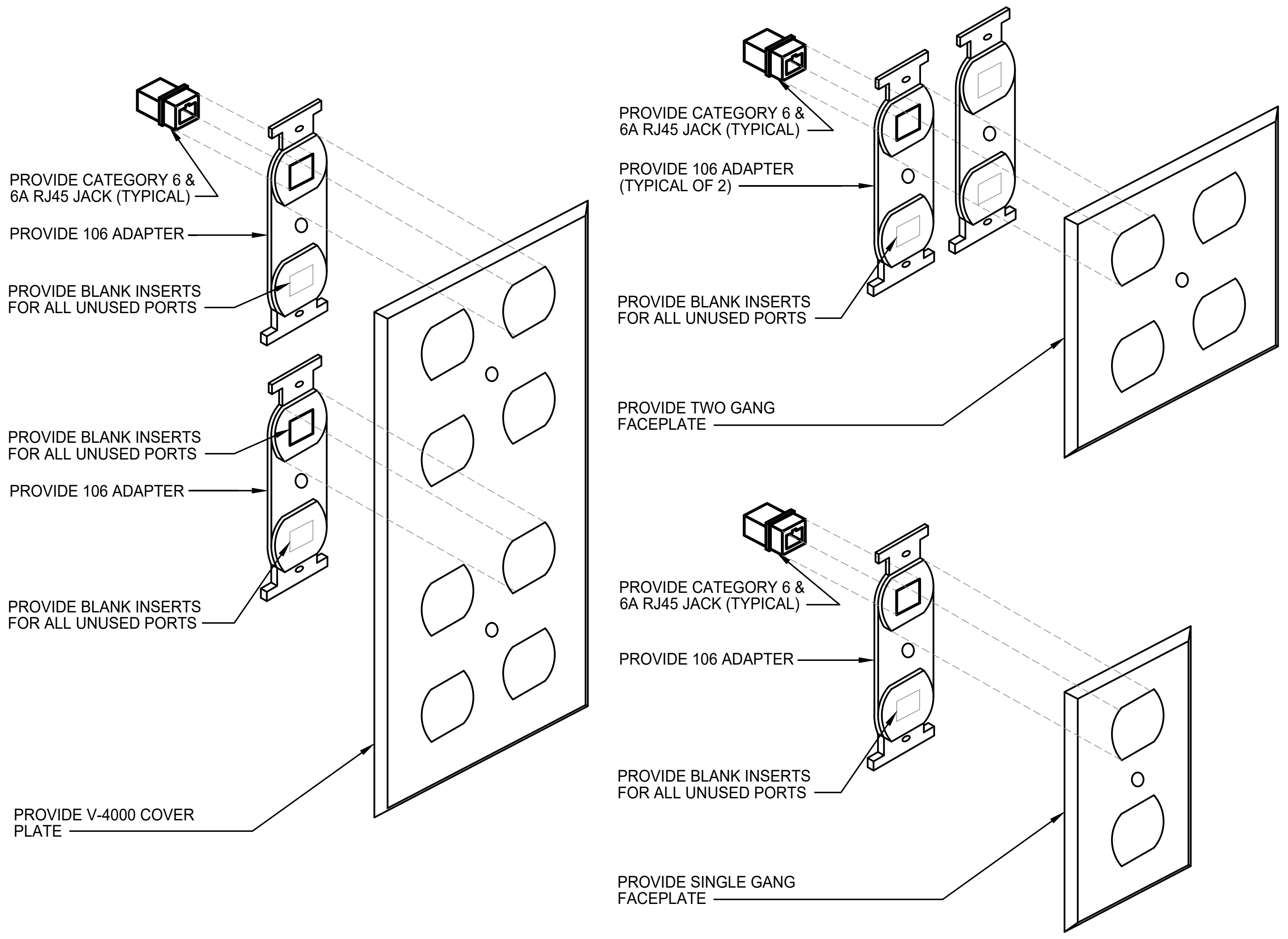
NOTES

A. WHEREVER POSSIBLE, DO NOT MOUNT TELEPHONE OUTLET BETWEEN AREA LIGHT SWITCHING AND DOOR FRAME (STRIKE SIDE).


PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT
ACCESSIBLE CEILING SPACE
TURN CONDUITS INTO ACCESSIBLE CEILING SPACE. PROVIDE 90 DEGREE BEND WITH 6" RADIUS
PROVIDE PLASTIC BUSHINGS ON BOTH ENDS OF CONDUIT
PROVIDE 3/4" CONDUIT CONCEALED IN-WALL UP TO ACCESSIBLE CEILING SPACE. PROVIDE PULL-STRING THE ENTIRE LENGTH
PROVIDE MIN 8" OF SEPARATION FROM ADJACENT DEVICE BOXES.
8"
PROVIDE SINGLE GANG RECESSED OUTLET BOX
PROVIDE SINGLE GANG MUD RING, DEPTH AND TYPE SHALL MATCH WALL TYPE.
46"
LOCATE AT ADA COMPLIANT 46" ABOVE FINISHED FLOOR
FINISHED FLOOR

4 WALL MOUNTED TELEPHONE OUTLET DETAIL

SCALE: NTS


PROVIDE CATEGORY 6 & 6A RJ45 JACK (TYPICAL)
PROVIDE 106 ADAPTER
PROVIDE BLANK INSERTS FOR ALL UNUSED PORTS
PROVIDE BLANK INSERTS FOR ALL UNUSED PORTS
PROVIDE 106 ADAPTER
PROVIDE BLANK INSERTS FOR ALL UNUSED PORTS
PROVIDE V-4000 COVER PLATE
PROVIDE CATEGORY 6 & 6A RJ45 JACK (TYPICAL)
PROVIDE 106 ADAPTER (TYPICAL OF 2)
PROVIDE BLANK INSERTS FOR ALL UNUSED PORTS
PROVIDE TWO GANG FACEPLATE
PROVIDE CATEGORY 6 & 6A RJ45 JACK (TYPICAL)
PROVIDE 106 ADAPTER
PROVIDE BLANK INSERTS FOR ALL UNUSED PORTS
PROVIDE SINGLE GANG FACEPLATE

2 COMMUNICATIONS FACEPLATE DETAIL

SCALE: NTS

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ■ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ☐ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Communications
Mechanical
ES # 19072
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Seal

Revision :
ISSUED FOR BID
2/01/2021

Alterations to School District Facilities
Phase Two

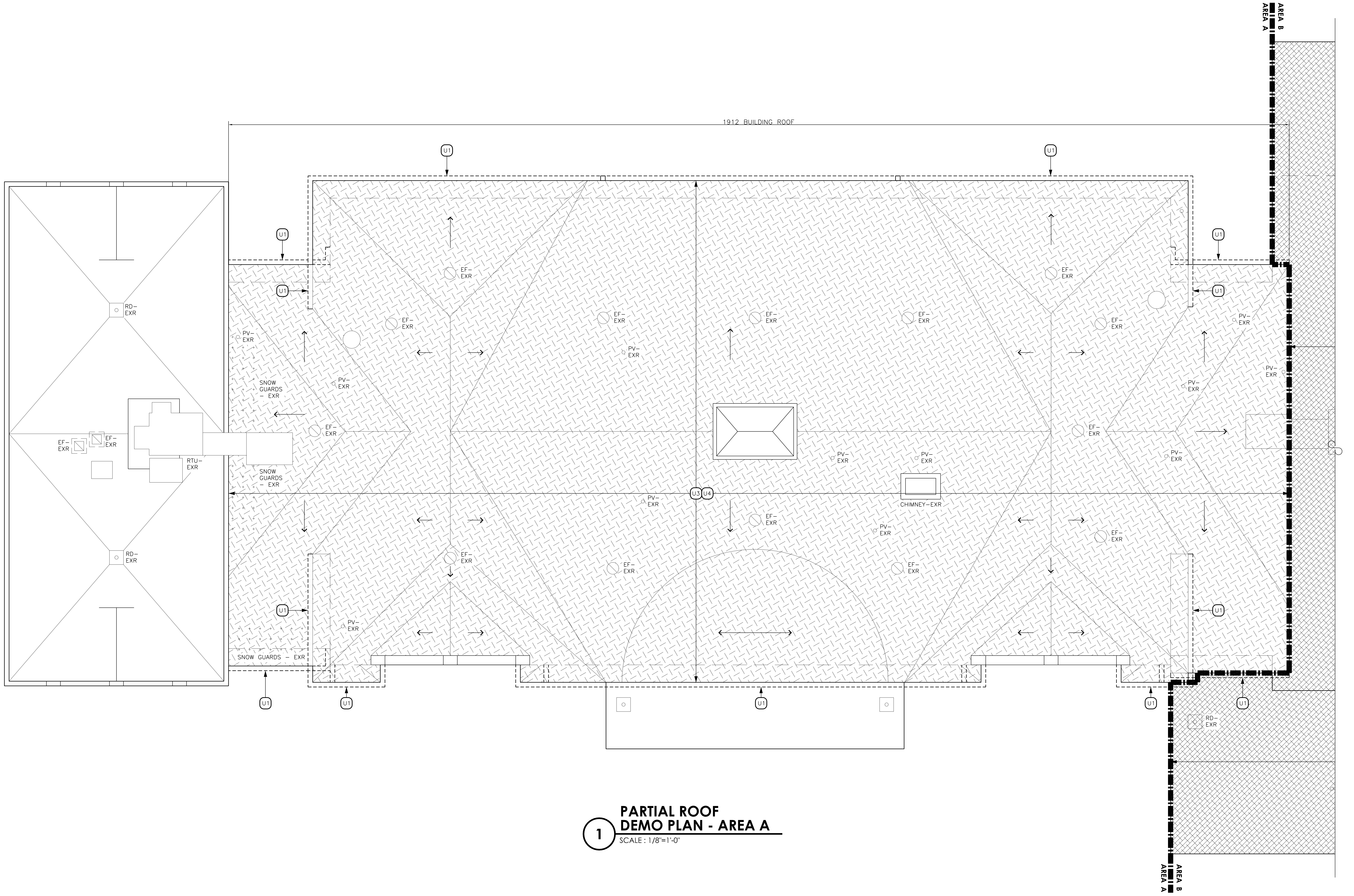
Peekskill City School District
Peekskill, New York

Drawing Title :
DETAILS

HILLCREST ELEMENTARY

APN : 1901.2
Date : October 2, 2020
Drawn by : SDK

Drawing Number :
EH 602



1 **PARTIAL ROOF DEMO PLAN - AREA A**
SCALE : 1/8"=1'-0"

DEMOLITION ROOF PLAN NOTES

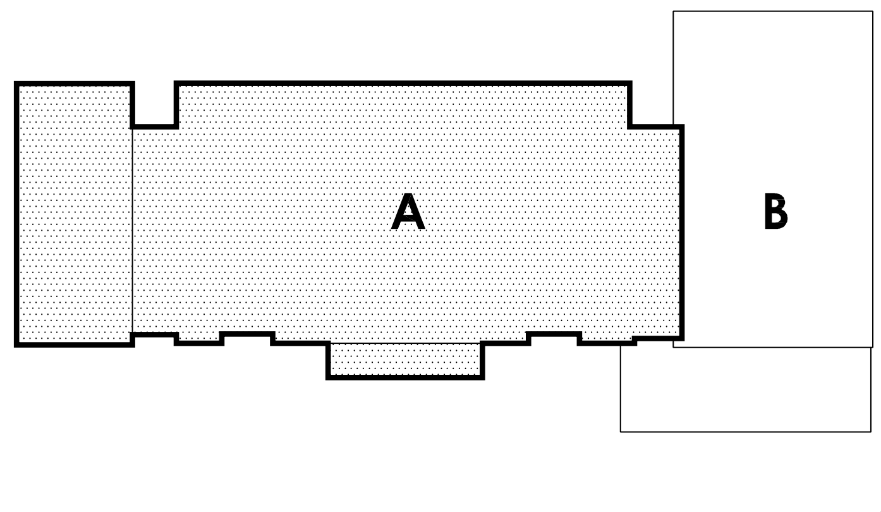
1. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL ROOF CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY DISCREPANCY IMMEDIATELY. ADJUST DIMENSIONS OF NEW WORK AS REQUIRED BY THE ARCHITECT
2. FIELD VERIFY AND REMOVE ALL ITEMS NECESSARY FOR INSTALLATION OF NEW WORK.
3. COMPLETELY REMOVE ALL EXISTING ROOFING, BASE FLASHINGS, FASTENERS, ADHESIVES AND INSULATION IN AREAS TO RECEIVE NEW ROOFING. PREPARE EXISTING ROOF DECK TO RECEIVE ROOFING SYSTEM
4. PROTECT AND MAINTAIN INTEGRITY OF ITEMS THAT ARE TO EXISTING TO REMAIN. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO MATCH EXISTING ADJACENT SURFACES
5. REMOVE AND REINSTALL ANY EXISTING EXTERIOR LIGHT FIXTURES, CONDUITS, MECHANICAL UNITS, ANTENNAE, EQUIPMENT, ETC AS REQUIRED FOR INSTALLATION OF NEW ROOFING SYSTEM
6. SIMILAR DETAILS SHALL APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE INDICATED

DEMOLITION ROOF PLAN KEYNOTES

U1	REMOVE AND REPLACE EXISTING GUTTERS AND DOWNSPOUT SYSTEM TO VERTICAL PIPES COMPLETE. EXISTING VERTICAL PIPES TO REMAIN. TURN OVER COPPER GUTTER AND DOWNSPOUT SYSTEM TO OWNER. REMOVE EXISTING WOOD FASCIA BOARD BEHIND GUTTERS COMPLETE.
U2	SCARIFY AND PREPARE EXISTING SURFACE OF SPRAY-APPLIED ROOF SYSTEM FOR REHABILITATION.
U3	INSPECT ENTIRE EXISTING SLATE ROOF SYSTEM AND IDENTIFY PORTIONS OF ROOF THAT REQUIRE RECONSTRUCTION OR REPLACEMENT. REFER TO SPECIFICATION 070130 FOR ADDITIONAL INFORMATION. NOTE TAR PATCH IS ASBESTOS CONTAINING.
U4	REMOVE PORTIONS OF EXISTING SLATE ROOF SYSTEM AS ASBESTOS CONTAINING BUILDING MATERIALS IN AREAS ROOF INSPECTION IDENTIFIED AS REQUIRING RECONSTRUCTION OR REPLACEMENT (ASSUME 2,000 SF FOR BIDDING PURPOSES). TAR PATCH AT SEAMS AND PENETRATIONS IS ASBESTOS CONTAINING. SALVAGE SOUND, UNDAMAGED SLATES, WITHOUT ASBESTOS TAR PATCH FOR REUSE.

ROOF RECONSTRUCTION LEGEND

RH EXR	ROOF HATCH-EXISTING TO REMAIN
SV EXR	SMOKE VENT-EXISTING TO REMAIN
SK EXR	SKYLIGHT-EXISTING TO REMAIN
LADDER EXR	LADDER-EXISTING TO REMAIN
EF EXR	EXHAUST FAN OR ROOF HOOD-EXISTING TO REMAIN
RTU EXR	ROOFTOP UNIT-EXISTING TO REMAIN
CU EXR	CONDENSING UNIT-EXISTING TO REMAIN
RD EXR	ROOF DRAIN-EXISTING TO REMAIN
○ PV EXR	PLUMBING VENT-EXISTING TO REMAIN
▩	REHABILITATE COATED FOAM (SPF) ROOF SYSTEM
▨	RECONSTRUCT AND/OR REPLACE PORTIONS OF SLATE ROOF SYSTEM WHICH WERE IDENTIFIED IN SLATE ROOFING INSPECTION
▦	WALKWAY PADS
— — —	LINE OF WALL BELOW ROOF



ROOF KEY PLAN

NO SCALE

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ■ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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Drawing Number :

RU D01

Drawing Title :

PARTIAL ROOF
DEMOLITION PLAN - AREA A

URIAH HILL ELEMENTARY

APN : 1901.2
Date : 10/02/2020
Drawn by :

Revision :
ISSUED FOR BID
2/01/2021

Alterations to School District Facilities
Phase Two

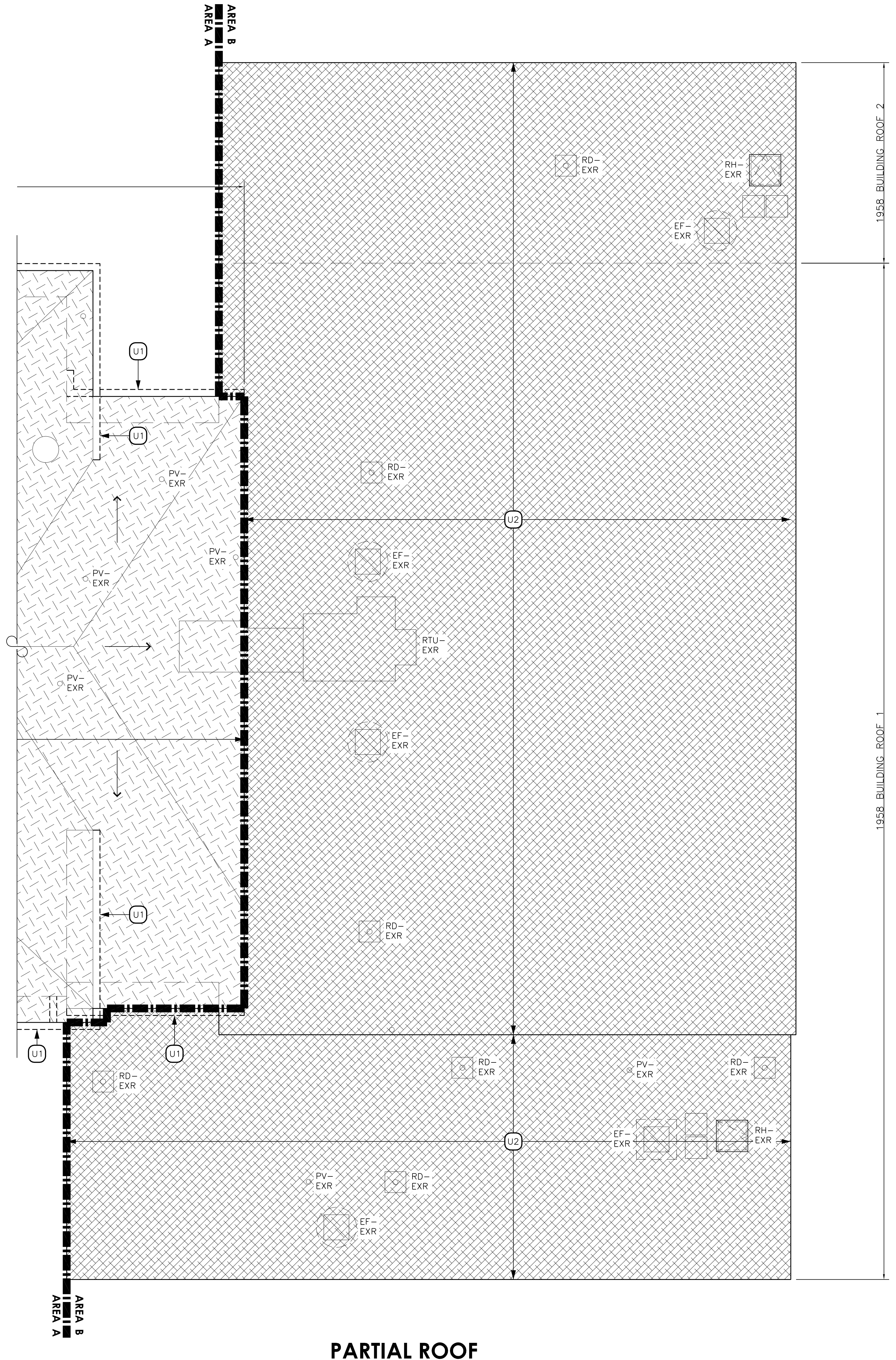
Peekskill City School District
Peekskill, New York

Seal

Consultant

MOSAIC
ASSOCIATES

Mosaic Associates Architects
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180



PARTIAL ROOF DEMO PLAN - AREA B

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

DEMOLITION ROOF PLAN NOTES

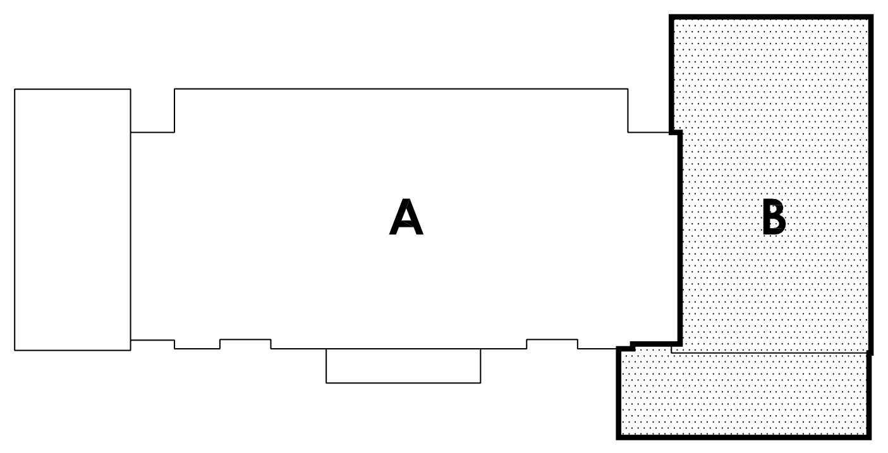
1. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL ROOF CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY DISCREPANCY IMMEDIATELY. ADJUST DIMENSIONS OF NEW WORK AS REQUIRED BY THE ARCHITECT
2. FIELD VERIFY AND REMOVE ALL ITEMS NECESSARY FOR INSTALLATION OF NEW WORK.
3. COMPLETELY REMOVE ALL EXISTING ROOFING, BASE FLASHINGS, FASTENERS, ADHESIVES AND INSULATION IN AREAS TO RECEIVE NEW ROOFING. PREPARE EXISTING ROOF DECK TO RECEIVE ROOFING SYSTEM
4. PROTECT AND MAINTAIN INTEGRITY OF ITEMS THAT ARE TO EXISTING TO REMAIN. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO MATCH EXISTING ADJACENT SURFACES
5. REMOVE AND REINSTALL ANY EXISTING EXTERIOR LIGHT FIXTURES, CONDUITS, MECHANICAL UNITS, ANTENNAE, EQUIPMENT, ETC AS REQUIRED FOR INSTALLATION OF NEW ROOFING SYSTEM
6. SIMILAR DETAILS SHALL APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE INDICATED

DEMOLITION ROOF PLAN KEYNOTES

U1	REMOVE AND REPLACE EXISTING GUTTERS AND DOWNSPOUT SYSTEM TO VERTICAL PIPES COMPLETE. EXISTING VERTICAL PIPES TO REMAIN. TURN OVER COPPER GUTTER AND DOWNSPOUT SYSTEM TO OWNER. REMOVE EXISTING WOOD FASCIA BOARD BEHIND GUTTERS COMPLETE.
U2	SCARIFY AND PREPARE EXISTING SURFACE OF SPRAY–APPLIED ROOF SYSTEM FOR REHABILITATION.
U3	INSPECT ENTIRE EXISTING SLATE ROOF SYSTEM AND IDENTIFY PORTIONS OF ROOF THAT REQUIRE RECONSTRUCTION OR REPLACEMENT. REFER TO SPECIFICATION 070130 FOR ADDITIONAL INFORMATION. NOTE TAR PATCH IS ASBESTOS CONTAINING.
U4	REMOVE PORTIONS OF EXISTING SLATE ROOF SYSTEM AS ASBESTOS CONTAINING BUILDING MATERIALS IN AREAS ROOF INSPECTION IDENTIFIED AS REQUIRING RECONSTRUCTION OR REPLACEMENT (ASSUME 2,000 SF FOR BIDDING PURPOSES). TAR PATCH AT SEAMS AND PENETRATIONS IS ASBESTOS CONTAINING. SALVAGE SOUND, UNDAMAGED SLATES, WITHOUT ASBESTOS TAR PATCH FOR REUSE.

ROOF RECONSTRUCTION LEGEND

RH EXR	ROOF HATCH–EXISTING TO REMAIN
SV EXR	SMOKE VENT–EXISTING TO REMAIN
SK EXR	SKYLIGHT–EXISTING TO REMAIN
LADDER EXR	LADDER–EXISTING TO REMAIN
EF EXR	EXHAUST FAN OR ROOF HOOD–EXISTING TO REMAIN
RTU EXR	ROOFTOP UNIT–EXISTING TO REMAIN
CU EXR	CONDENSING UNIT–EXISTING TO REMAIN
RD EXR	ROOF DRAIN–EXISTING TO REMAIN
PV EXR	PLUMBING VENT–EXISTING TO REMAIN
▩	REHABILITATE COATED FOAM (SPF) ROOF SYSTEM
▨	RECONSTRUCT AND/OR REPLACE PORTIONS OF SLATE ROOF SYSTEM WHICH WERE IDENTIFIED IN SLATE ROOFING INSPECTION
▦	WALKWAY PADS
— — —	LINE OF WALL BELOW ROOF



ROOF KEY PLAN

NO SCALE

MOSAIC ASSOCIATES

Mosaic Associates Architects
The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

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Consultant

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
PARTIAL ROOF
DEMOLITION PLAN - AREA B

URIAH HILL ELEMENTARY

APN : 1901.2
Date : 10/02/2020
Drawn by :

Drawing Number :
RU D02

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ■ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

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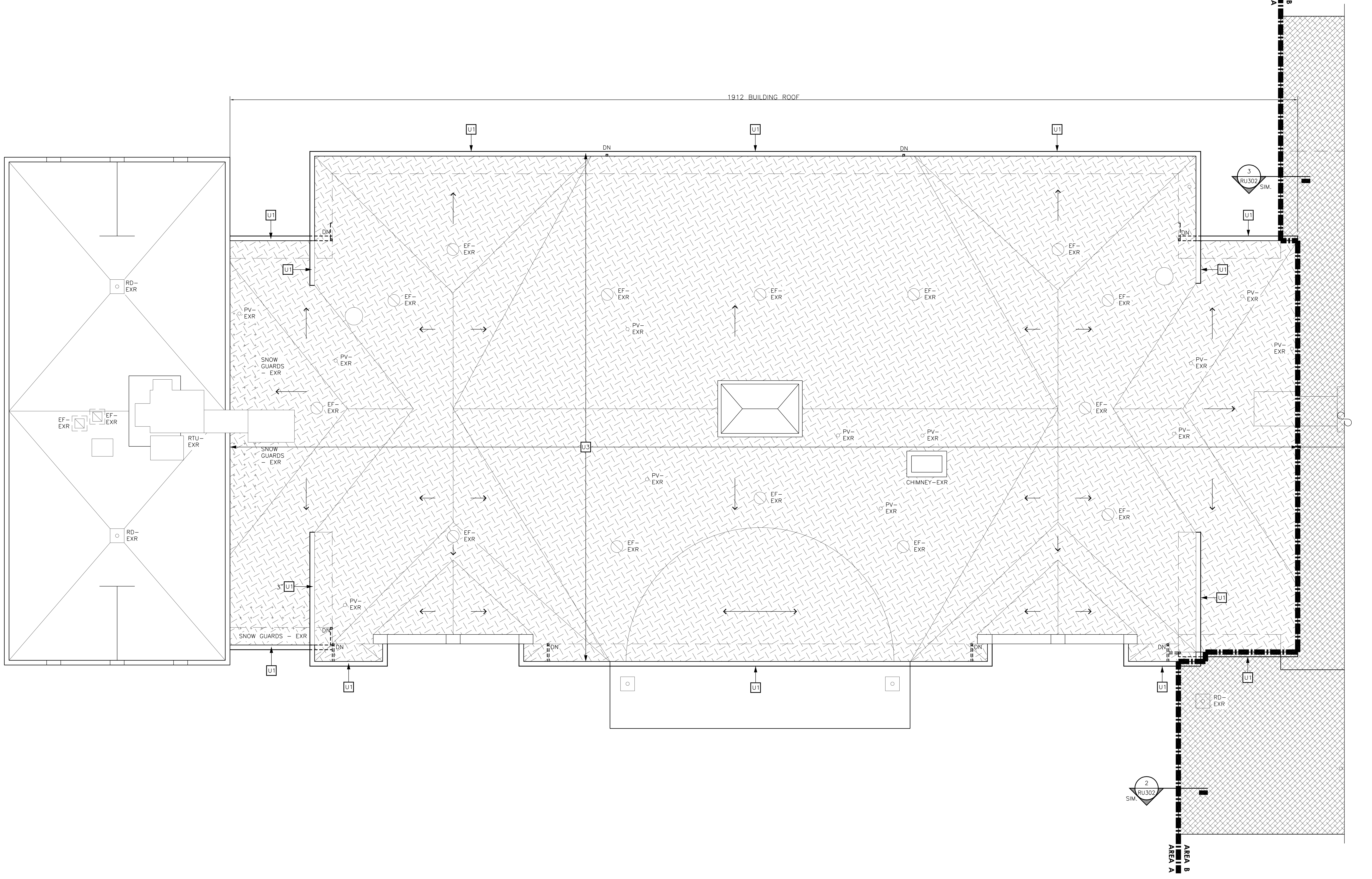


1 **ROOF PLAN**
SCALE : 1/8" = 1'-0"

GENERAL ROOF NOTES

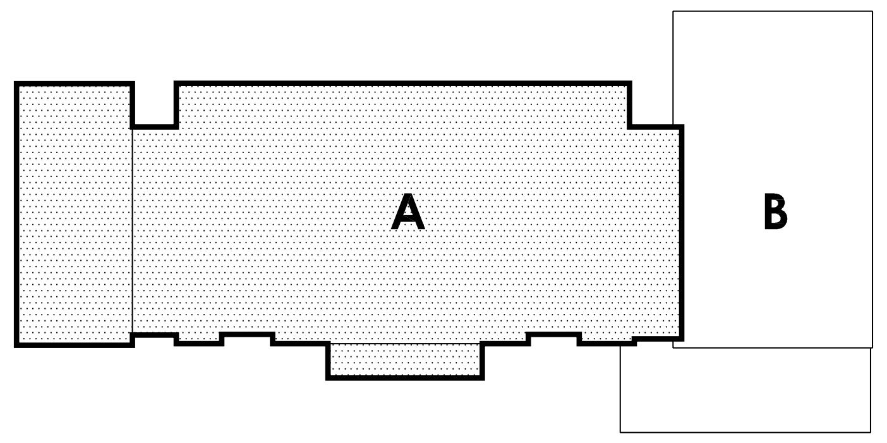
1. EXISTING ROOF DECK IS AS FOLLOWS:
   - 1.1. 1912 BUILDING ROOF: WOOD SHEATHING ON TIMBER RAFTERS
   - 1.2. 1958 BUILDING ROOF 1: WOOD FIBER/CEMENT PLANK ON OPEN WEB STEEL JOISTS, ON STEEL BEAMS
   - 1.3. 1958 BUILDING ROOF 2: CONCRETE ON STEEL BEAMS
2. FIELD VERIFY AND REMOVE ALL ITEMS NECESSARY FOR INSTALLATION OF NEW WORK, INCLUDING BUT NOT LIMITED TO: FLASHINGS, COUNTERFLASHINGS, REGLETS, TERMINATION BARS, BATTENS, FASTENING STRIPS, CAULKING, ALL ASSOCIATED FASTENERS AND CONSTRUCTION
3. REMOVE AND REINSTALL ANY EXISTING EXTERIOR LIGHT FIXTURES, CONDUITS, MECHANICAL UNITS, ANTENNAE, EQUIPMENT, ETC AS REQUIRED FOR INSTALLATION OF NEW ROOFING SYSTEM

ROOF PLAN KEYNOTES

U1	PROVIDE NEW 8" GUTTERS AND 3" DOWNSPOUTS SYSTEM COMPLETE, SEE DETAIL 7/RU302. PROVIDE COLLECTOR BOXES AT TIE INTO EXISTING VERTICAL PIPES.
U2	REHABILITATE EXISTING SPRAY-APPLIED ROOF SYSTEM (SILICONE COATED). AREA SHALL REQUIRE SURFACE PREPARATION AND RE-COATING WITH SILICONE COATINGS AND GRANULES.
U3	REPLACE PORTIONS (ASSUME 2,000 SF FOR BIDDING PURPOSES) OF EXISTING SLATE ROOF SYSTEM INCLUDING SLATE TILES, FASTENERS, ETC, AS REQUIRED TO PROVIDE COMPLETE WATERTIGHT ROOFING SYSTEM. EXISTING SLATE TILES MAY BE REUSED IF UNITS ARE IN SOUND, UNDAMAGED CONDITION.

ROOF RECONSTRUCTION LEGEND

RH EXR	ROOF HATCH–EXISTING TO REMAIN
SV EXR	SMOKE VENT–EXISTING TO REMAIN
SK EXR	SKYLIGHT–EXISTING TO REMAIN
LADDER EXR	LADDER–EXISTING TO REMAIN
EF EXR	EXHAUST FAN OR ROOF HOOD–EXISTING TO REMAIN
RTU EXR	ROOFTOP UNIT–EXISTING TO REMAIN
CU EXR	CONDENSING UNIT–EXISTING TO REMAIN
RD EXR	ROOF DRAIN–EXISTING TO REMAIN
PV EXR	PLUMBING VENT–EXISTING TO REMAIN
▩	REHABILITATE COATED FOAM (SPF) ROOF SYSTEM
▨	RECONSTRUCT AND/OR REPLACE PORTIONS OF SLATE ROOF SYSTEM WHICH WERE IDENTIFIED IN SLATE ROOFING INSPECTION
▦	WALKWAY PADS
— — —	LINE OF WALL BELOW ROOF



ROOF KEY PLAN
NO SCALE

MOSAIC ASSOCIATES
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The Frear Building, 2 Third Street, Suite 440, Troy, NY 12180

Consultant

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

Drawing Title :
PARTIAL ROOF PLAN
AREA A

URIAH HILL ELEMENTARY

Revision :
ISSUED FOR BID
2/01/2021

APN : 1901.2
Date : 10/02/2020
Drawn by :

Drawing Number :
RU
301

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ■ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015
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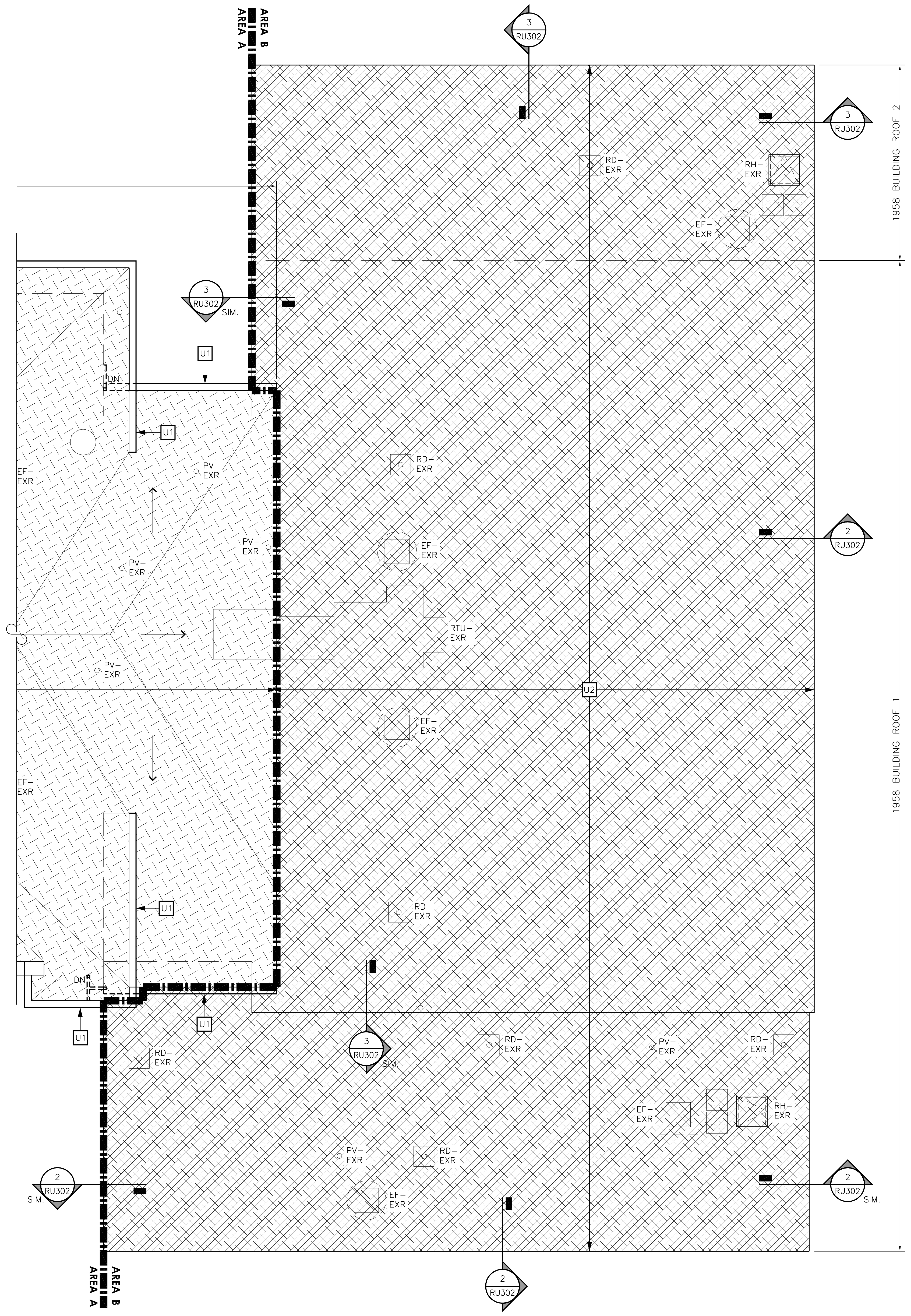
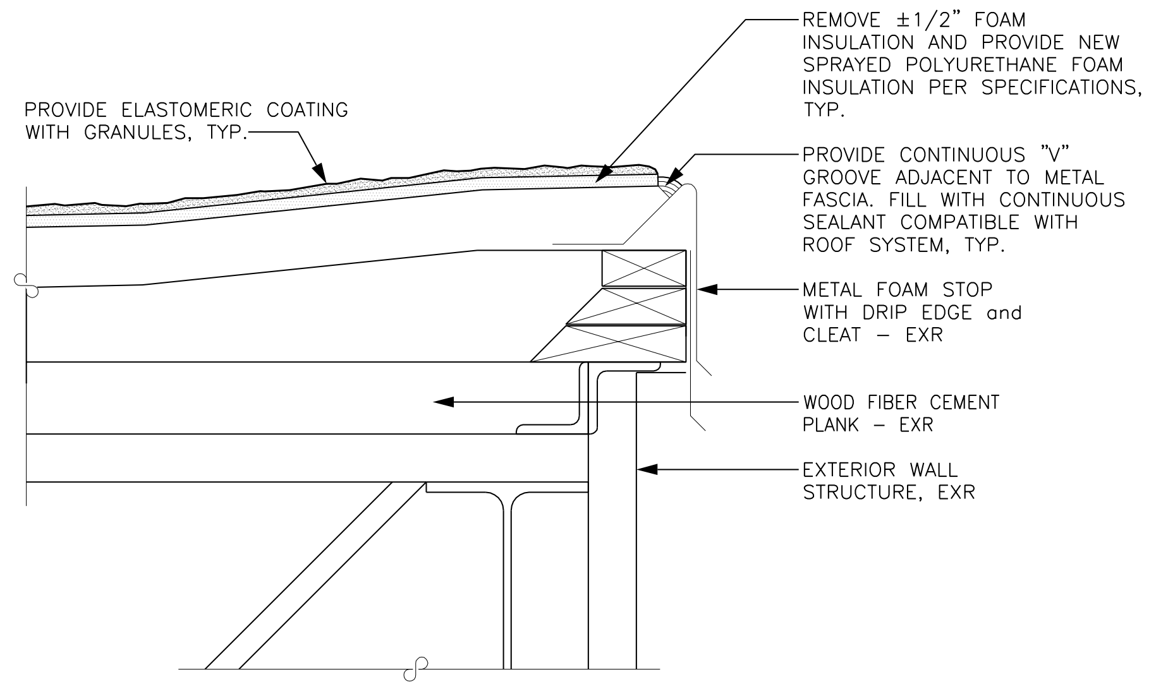


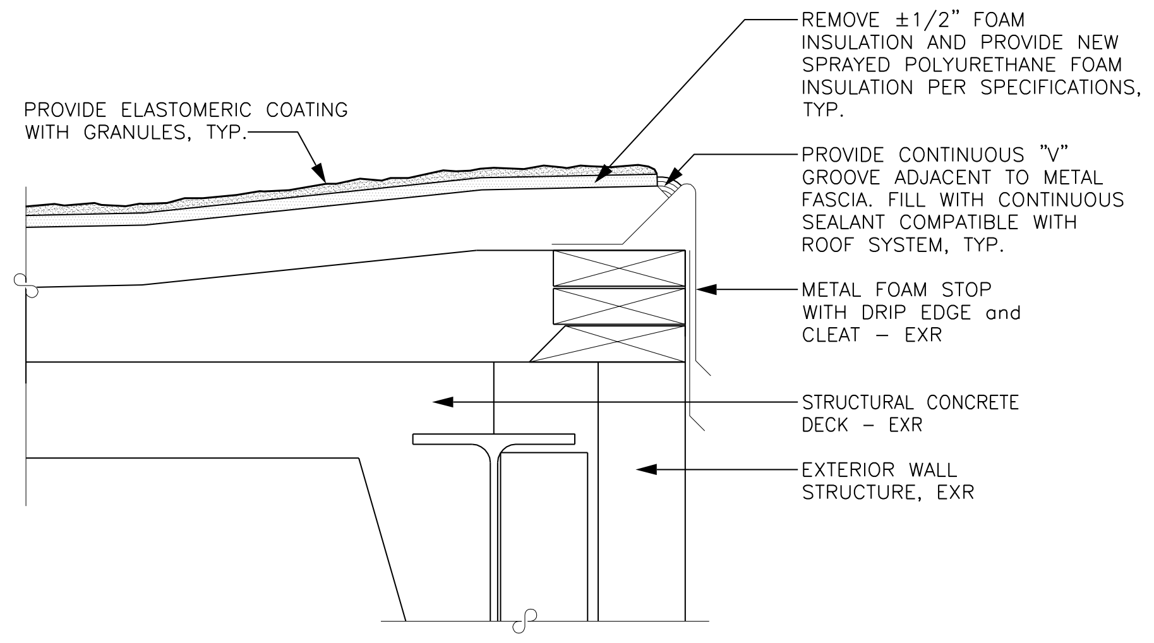
1 PARTIAL ROOF PLAN - AREA B

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


PROVIDE ELASTOMERIC COATING WITH GRANULES, TYP.
REMOVE ±1/2" FOAM INSULATION AND PROVIDE NEW SPRAYED POLYURETHANE FOAM INSULATION PER SPECIFICATIONS, TYP.
PROVIDE CONTINUOUS "V" GROOVE ADJACENT TO METAL FASCIA. FILL WITH CONTINUOUS SEALANT COMPATIBLE WITH ROOF SYSTEM, TYP.
METAL FOAM STOP WITH DRIP EDGE and CLEAT – EXR
WOOD FIBER CEMENT PLANK – EXR
EXTERIOR WALL STRUCTURE, EXR

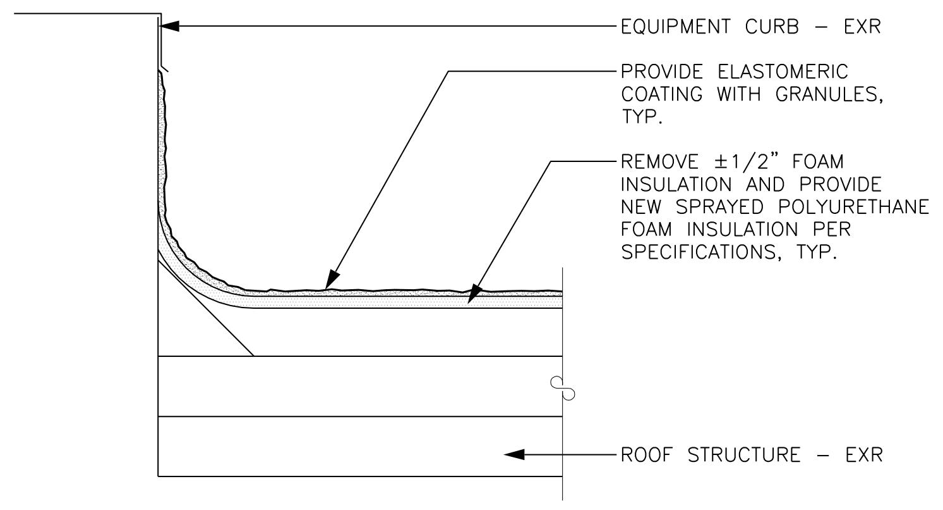
2 ROOF EDGE DETAIL

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


PROVIDE ELASTOMERIC COATING WITH GRANULES, TYP.
REMOVE ±1/2" FOAM INSULATION AND PROVIDE NEW SPRAYED POLYURETHANE FOAM INSULATION PER SPECIFICATIONS, TYP.
PROVIDE CONTINUOUS "V" GROOVE ADJACENT TO METAL FASCIA. FILL WITH CONTINUOUS SEALANT COMPATIBLE WITH ROOF SYSTEM, TYP.
METAL FOAM STOP WITH DRIP EDGE and CLEAT – EXR
STRUCTURAL CONCRETE DECK – EXR
EXTERIOR WALL STRUCTURE, EXR

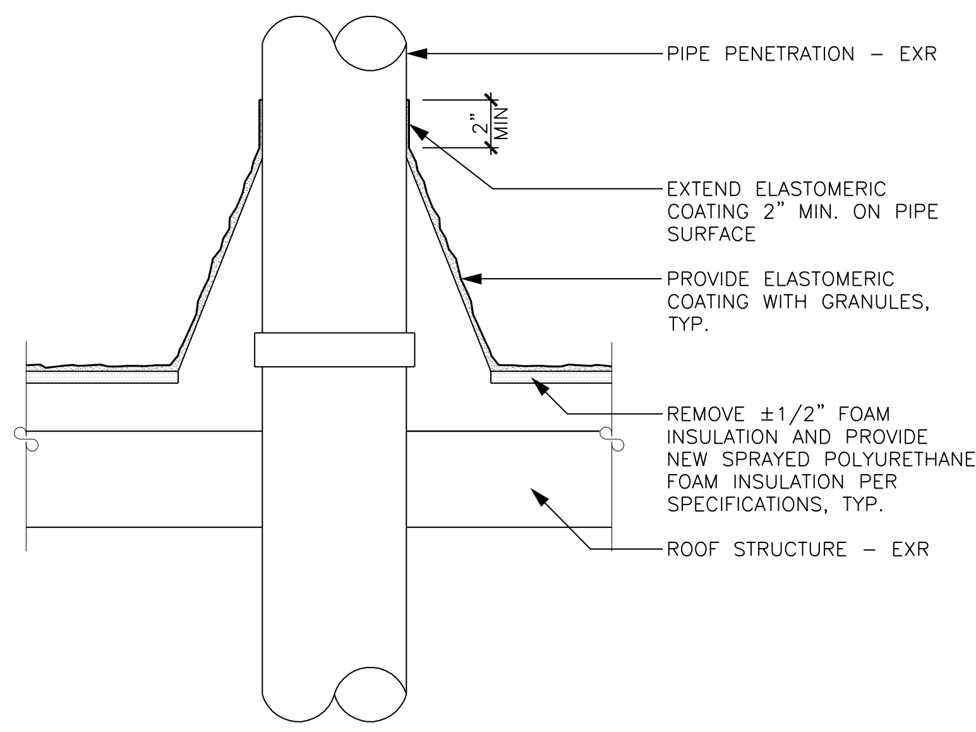
3 ROOF EDGE DETAIL

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


EQUIPMENT CURB – EXR
PROVIDE ELASTOMERIC COATING WITH GRANULES, TYP.
REMOVE ±1/2" FOAM INSULATION AND PROVIDE NEW SPRAYED POLYURETHANE FOAM INSULATION PER SPECIFICATIONS, TYP.
ROOF STRUCTURE – EXR

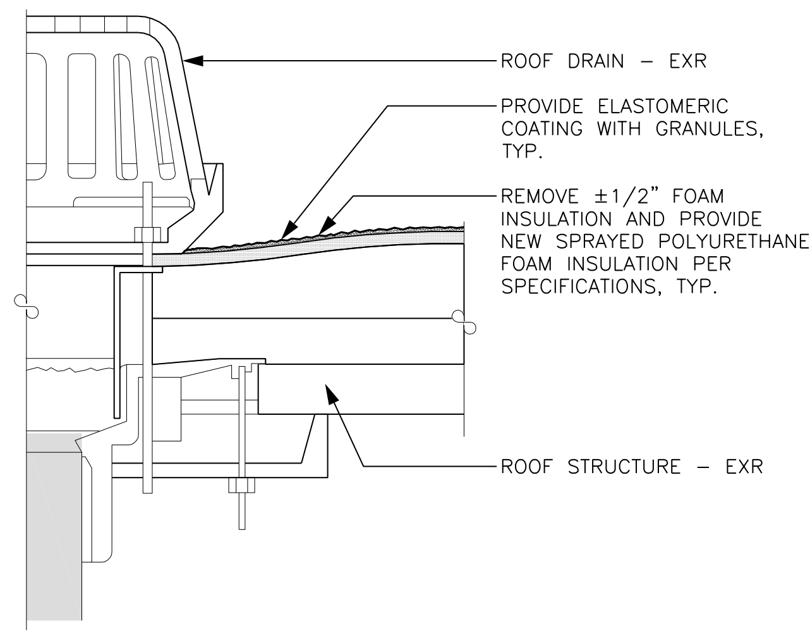
4 EXISTING CURB DETAIL

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


PIPE PENETRATION – EXR
2" MIN
EXTEND ELASTOMERIC COATING 2" MIN. ON PIPE SURFACE
PROVIDE ELASTOMERIC COATING WITH GRANULES, TYP.
REMOVE ±1/2" FOAM INSULATION AND PROVIDE NEW SPRAYED POLYURETHANE FOAM INSULATION PER SPECIFICATIONS, TYP.
ROOF STRUCTURE – EXR

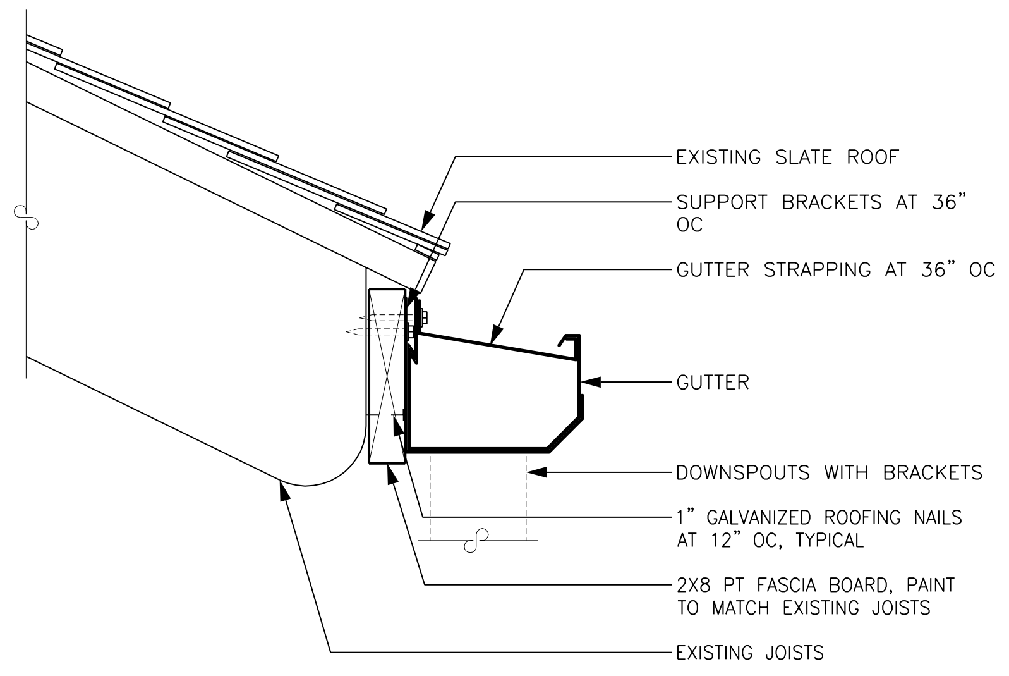
5 PIPE PENETRATION DETAIL

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


ROOF DRAIN – EXR
PROVIDE ELASTOMERIC COATING WITH GRANULES, TYP.
REMOVE ±1/2" FOAM INSULATION AND PROVIDE NEW SPRAYED POLYURETHANE FOAM INSULATION PER SPECIFICATIONS, TYP.
ROOF STRUCTURE – EXR

6 ROOF DRAIN DETAIL

SCALE : 3"=1'-0"


EXISTING SLATE ROOF
SUPPORT BRACKETS AT 36" OC
GUTTER STRAPPING AT 36" OC
GUTTER
DOWNSPOUTS WITH BRACKETS
1" GALVANIZED ROOFING NAILS AT 12" OC, TYPICAL
2X8 PT FASCIA BOARD, PAINT TO MATCH EXISTING JOISTS
EXISTING JOISTS

7 GUTTER DETAIL

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

GENERAL ROOF NOTES

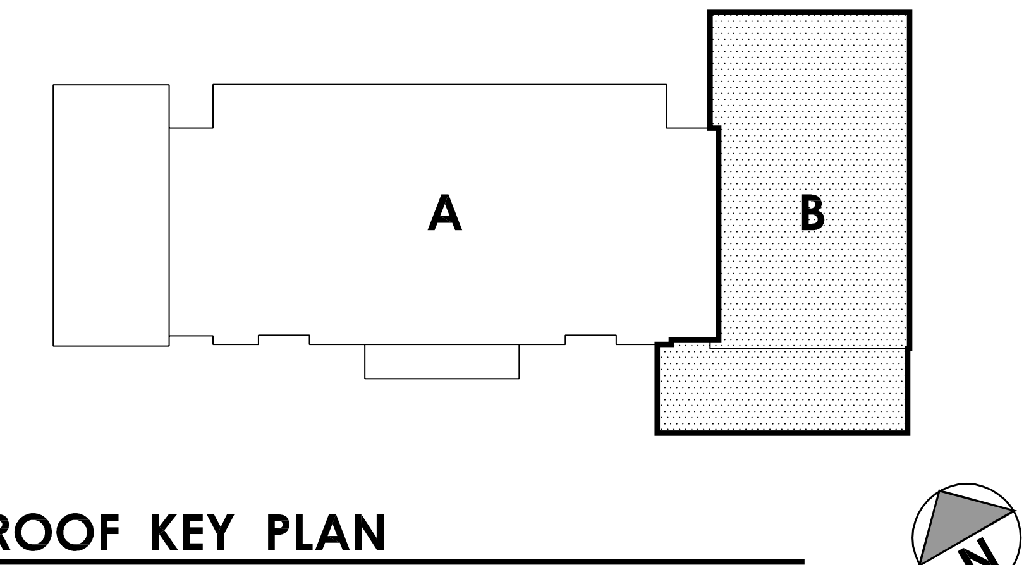
1. EXISTING ROOF DECK IS AS FOLLOWS:
   - 1.1. 1912 BUILDING ROOF: WOOD SHEATHING ON TIMBER RAFTERS
   - 1.2. 1958 BUILDING ROOF 1: WOOD FIBER/CEMENT PLANK ON OPEN WEB STEEL JOISTS, ON STEEL BEAMS
   - 1.3. 1958 BUILDING ROOF 2: CONCRETE ON STEEL BEAMS
2. FIELD VERIFY AND REMOVE ALL ITEMS NECESSARY FOR INSTALLATION OF NEW WORK, INCLUDING BUT NOT LIMITED TO: FLASHINGS, COUNTERFLASHINGS, REGLETS, TERMINATION BARS, BATTENS, FASTENING STRIPS, CAULKING, ALL ASSOCIATED FASTENERS AND CONSTRUCTION
3. REMOVE AND REINSTALL ANY EXISTING EXTERIOR LIGHT FIXTURES, CONDUITS, MECHANICAL UNITS, ANTENNAE, EQUIPMENT, ETC AS REQUIRED FOR INSTALLATION OF NEW ROOFING SYSTEM

ROOF PLAN KEYNOTES

U1	PROVIDE NEW 8" GUTTERS AND 3" DOWNSPOUTS SYSTEM COMPLETE, SEE DETAIL 7/RU302. PROVIDE COLLECTOR BOXES AT TIE INTO EXISTING VERTICAL PIPES.
U2	REHABILITATE EXISTING SPRAY–APPLIED ROOF SYSTEM (SILICONE COATED). AREA SHALL REQUIRE SURFACE PREPARATION AND RE–COATING WITH SILICONE COATINGS AND GRANULES.
U3	REPLACE PORTIONS (ASSUME 2,000 SF FOR BIDDING PURPOSES) OF EXISTING SLATE ROOF SYSTEM INCLUDING SLATE TILES, FASTENERS, ETC, AS REQUIRED TO PROVIDE COMPLETE WATERTIGHT ROOFING SYSTEM. EXISTING SLATE TILES MAY BE REUSED IF UNITS ARE IN SOUND, UNDAMAGED CONDITION.

ROOF RECONSTRUCTION LEGEND

RH EXR	ROOF HATCH–EXISTING TO REMAIN
SV EXR	SMOKE VENT–EXISTING TO REMAIN
SK EXR	SKYLIGHT–EXISTING TO REMAIN
LADDER EXR	LADDER–EXISTING TO REMAIN
EF EXR	EXHAUST FAN OR ROOF HOOD–EXISTING TO REMAIN
RTU EXR	ROOFTOP UNIT–EXISTING TO REMAIN
CU EXR	CONDENSING UNIT–EXISTING TO REMAIN
RD EXR	ROOF DRAIN–EXISTING TO REMAIN
PV EXR	PLUMBING VENT–EXISTING TO REMAIN
▩	REHABILITATE COATED FOAM (SPF) ROOF SYSTEM
▨	RECONSTRUCT AND/OR REPLACE PORTIONS OF SLATE ROOF SYSTEM WHICH WERE IDENTIFIED IN SLATE ROOFING INSPECTION
▦	WALKWAY PADS
— —— —— —	LINE OF WALL BELOW ROOF



ROOF KEY PLAN

NO SCALE

MOSAIC
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Consultant

Seal

Alterations to School District Facilities
Phase Two

Peekskill City School District
Peekskill, New York

S.E.D. NUMBER : ☐ PEEKSKILL HIGH SCHOOL : 66-15-00-01-0-010-022 ☐ HILLCREST ELEMENTARY : 66-15-00-01-0-004-016 ■ URIAH HILL ELEMENTARY : 66-15-00-01-0-007-015

BEFORE WORK IS STARTED, CONTRACTOR SHALL VERIFY ALL THE DIMENSIONS AT THE SITE AND IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES.

Revision :
ISSUED FOR BID
2/01/2021

Drawing Title :
PARTIAL ROOF PLAN
AREA B

URIAH HILL ELEMENTARY

APN : 1901.2
Date : 10/02/2020
Drawn by :

Drawing Number :
RU
302