

GENERAL NOTES	
1.	DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. CONTRACTOR SHALL FURNISH ALL NECESSARY OUTLETS, SUPPORTS, FITTINGS AND ACCESSORIES TO FULFILL APPLICABLE CODES, REGULATIONS, BUILDING STANDARDS AND THE BEST PRACTICES OF THE TRADE FOR FIRST CLASS ELECTRICAL INSTALLATION.
2.	THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALED DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND ELEVATION OF ALL ELECTRICAL EQUIPMENT SHALL BE COORDINATED IN FIELD WITH RESPECTIVE CONTRACTOR/OWNER.
3.	WHERE PANELBOARDS, SWITCHES, CIRCUIT BREAKERS, ETC. ARE EXISTING AND TO BE REUSED THE CONTRACTOR SHALL CLEAN AND REFURBISH THE EQUIPMENT. THIS SHALL INCLUDE TIGHTENING ALL CONNECTIONS, REPLACING DEFECTIVE MECHANISMS AND PROVIDING ALL REQUIRED AND NECESSARY MISCELLANEOUS COMPONENTS SO THAT THE EQUIPMENT SHALL BE IN PERFECT WORKING ORDER.
4.	THE CONTRACTOR SHALL COORDINATE WITH THE OWNER PRIOR TO SUBMISSION OF BID TO DETERMINE WHAT WORK MUST BE PERFORMED AFTER NORMAL BUSINESS HOURS. UNLESS OTHERWISE DIRECTED ANY NOISY WORK (CHOPPING, CORE DRILLING, HAMMERING, ETC.) AND BUILDING POWER INTERRUPTIONS SHALL BE PERFORMED OUTSIDE OF NORMAL BUSINESS HOURS. CONFIRM NORMAL BUSINESS HOURS WITH BUILDING OWNER. NO ADDITIONAL COST WILL BE CHARGED TO OWNER FOR WORK PERFORMED OUTSIDE NORMAL BUSINESS HOURS.
5.	ALL WORK WHERE SHOWN WITH DARK/SOLID LINES ON THE DRAWINGS IS NEW UNLESS OTHERWISE NOTED. WHERE SHOWN WITH DASHED LINES WITH LETTER (E) IS EXISTING TO REMAIN, WITH LETTER (R) IS EXISTING TO BE REMOVED, WITH LETTER (ER) IS EXISTING RELOCATED, WITH LETTER (RN) IS EXISTING TO BE REPLACED WITH NEW AND WITH LETTER (RR) IS EXISTING TO BE REMOVED AND RELOCATED.
6.	CIRCUIT NUMBERS TO EXISTING PANELS ARE SHOWN FOR INTENT ONLY. ACTUAL CIRCUIT NUMBERS TO BE USED SHALL BE DETERMINED BY THE FIELD CONDITIONS BY UTILIZING SPARE CIRCUITS, BREAKERS OR SPACES IN EXISTING PANEL. SIZE AS INDICATED ON THE PLANS. THE ELECTRICAL CONTRACTOR SHALL BALANCE LOAD OF CIRCUITS EVENLY ON ALL PHASES.
7.	FEEDERS AND BRANCH CIRCUITRY SHALL BE RUN IN MINIMUM 3/4" CONDUIT UNLESS OTHERWISE NOTED. FINAL CONNECTIONS TO MOTORS MAY BE MADE WITH FLEXIBLE METALLIC CONDUIT (NO LONGER THAN 18"). IN UNFINISHED AREAS CONDUIT SHALL BE RUN EXPOSED AND IN FINISHED AREAS CONDUIT SHALL BE RUN CONCEALED.
8.	PROVIDE PANEL NAME PLATE MADE OF BLACK LAMINATED PLASTIC WITH WHITE ENGRAVED LETTERING AND TYPE WRITTEN DIRECTORY FOR ALL NEW AND EXISTING PANELS BEING USED FOR THIS PROJECT.
9.	ALL CONDUCTORS SHALL BE COPPER, TYPE THHN/THWN INSULATED. ALL CONDUCTORS SHALL HAVE 600 VOLT RATED INSULATION UNLESS OTHERWISE NOTED.
10.	PROVIDE LOCK-ON CIRCUIT BREAKERS FOR CIRCUITS SERVING EXIT SIGN FIXTURES AND EMERGENCY BATTERY PACK FIXTURES.
11.	REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHTING FIXTURES AND OTHER CEILING INSTALLED ITEMS.
12.	THE USE OF FLEXIBLE CONDUIT FROM LIGHTING FIXTURES TO JUNCTION BOX IS PERMITTED ONLY WHEN A SEPARATE GROUND WIRE IS INSTALLED WITH THE CONDUCTORS INSIDE FLEXIBLE CONDUIT. THE GROUND WIRE MUST BOND THE FIXTURE HOUSING TO THE JUNCTION BOX. MAXIMUM LENGTH 6'-0".
13.	EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO THE INSTALLATION.
14.	WALL MOUNTED EQUIPMENT (SWITCHES, RECEPTACLES, ETC.) SHALL BE SURFACE MOUNTED IN UNFINISHED AREAS AND ON EXISTING CONCRETE BLOCK WALLS AND FLUSH MOUNTED IN NEW WALLS/PARTITIONS.
15.	CONDUIT RUNS SHALL BE PARALLEL WITH OR AT RIGHT ANGLES TO WALLS AND CEILINGS. CONDUIT SHALL BE SUPPORTED BY APPROVED MEANS. SUPPORTS FOR HORIZONTAL RUNS OF CONDUIT SHALL NOT EXCEED SEVEN FEET ON CENTERS.
16.	PROVIDE PULL BOXES, JUNCTION BOXES, CONDUIT ELBOWS AND OFFSETS TO SUIT FIELD CONDITIONS AND THE NATIONAL ELECTRICAL CODE.
17.	CONTRACTOR SHALL COORDINATE WITH THE FIRE DEPARTMENT AND F.A. VENDOR BEFORE PROCEEDING WITH WORK INVOLVING FIRE ALARM SYSTEM.
18.	ALL EMPTY CONDUIT SHALL BE PROVIDED WITH A DRAGWIRE.
19.	THE MINIMUM WIRE SIZE FOR 120 VOLT BRANCH CIRCUITS SHALL BE NO. 12 AWG, EXCEPT OVER 100' IN LENGTH SHALL BE NO. 10 AWG.
20.	PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES (EX. CONNECTORS, ADAPTERS, BUSHINGS, CLAMPS, ETC.) TO FACILITATE COMPLETE INSTALLATION.
21.	THE ELECTRICAL CONTRACTOR SHALL CONFIRM THE CONFIGURATION TYPE FOR ALL SPECIAL RECEPTACLES FOR COPIERS, DATA PROCESSING EQUIPMENT, ETC. WITH OWNER AND ENGINEER PRIOR TO ORDERING.
22.	COORDINATE LOCATION OF ALL MECHANICAL EQUIPMENT WITH HVAC CONTRACTOR IN FIELD. FUSES FOR ALL MOTOR LOADS SHALL BE DUAL ELEMENT TIME DELAY TYPE.
23.	ALL RECEPTACLES SPECIFIED FOR PERSONAL COMPUTERS, LASER PRINTERS AND SIMILAR TYPES OF EQUIPMENT SHALL BE ISOLATED GROUND TYPE, ORANGE IN COLOR AND PROVIDED WITH A SEPARATE NEUTRAL AND GROUND CONDUCTOR. THIS IS TO COMPENSATE FOR HARMONIC CURRENTS. SHARED NEUTRAL CONDUCTORS FOR THESE HOMERUNS ARE NOT PERMITTED.
24.	ALL JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER. PROVIDE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.
25.	PRIOR TO ORDERING LIGHTING FIXTURES, COORDINATE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES EXIST BETWEEN ARCHITECTURAL AND ENGINEERING INFORMATION OBTAIN CLARIFICATION PRIOR TO PROCEEDING.
26.	MULTIPLE SWITCHES SHOWN IN SAME LOCATION SHALL BE GANGED TOGETHER WITH A COMMON FACEPLATE.
27.	ALL LIGHTING FIXTURES CONTROLLED BY DIMMER SWITCHES SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR.
28.	ALL EMERGENCY LIGHT FIXTURES DESIGNATED 'EM' SHALL BE SWITCHED. ALL EMERGENCY AND EMERGENCY LIGHT FIXTURES SHALL REVERT TO BATTERY OPERATION UPON INTERRUPTION OF NORMAL POWER AND ILLUMINATE REGARDLESS OF LIGHT SWITCH POSITION.
29.	WIRING FOR P.A. SYSTEMS SHALL BE IN ACCORDANCE WITH APPROVED MANUFACTURER'S REQUIREMENTS, WIRING INDICATED ON DRAWINGS IS FOR REFERENCE ONLY. WIRING FOR P.A. SYSTEM AND CLOCKS SHALL BE PLENUM RATED AND RUN EXPOSED ABOVE ACCESSIBLE CEILINGS. IT SHALL BE RUN IN EMT CONDUIT WHERE EXPOSED, EXCEPT FOR CORRIDORS, CLASSROOMS AND OFFICES IT SHALL BE RUN IN STEEL SURFACE RACEWAY (SIMILAR TO WIREMOLD V-500 AND/OR V-700).
30.	PRIOR TO ANY CHASING, CHOPPING OR CORE DRILLING BEING PERFORMED, THE CONTRACTOR SHALL FIELD INVESTIGATE CONDITIONS AND COORDINATE ALL WORK TO ENSURE THAT IT WILL BE IN HARMONY AND NOT AFFECT ANY EXISTING BUILDING SYSTEMS. THIS WORK MUST BE APPROVED BY BUILDING OWNER PRIOR TO PROCEEDING.
31.	OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANCE RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS. ALL SLEEVES MUST HAVE BUSHINGS. SEALANT SHALL BE 3 HOUR FIRE BARRIER #CP-25 (NO LESS THAN 3" THICK BACKED UP WITH MINERAL WOOL).
32.	ALL PANELBOARD COVERS SHALL BE INSTALLED IN PLACE AT THE COMPLETION OF EACH DAYS WORK.
33.	PREPARE 'AS-BUILT' DRAWINGS THAT REFLECT ACTUAL CONSTRUCTION AND SHOW DEVIATIONS FROM DESIGN DRAWINGS.
34.	LIGHT FIXTURES SHALL BE CONSTRUCTED TO SUIT PARTICULAR TYPE OF CEILING AND WALL CONSTRUCTION AND SHALL BE PROVIDED WITH APPROPRIATE TRIMS, MOUNTING FRAMES AND ADAPTERS AS REQUIRED.
35.	ALL NEW CIRCUIT BREAKERS INSTALLED INTO EXISTING PANELBOARDS SHALL BE UL LISTED FOR USE IN THE PANEL.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

GENERAL REMOVAL NOTES	
1.	BEFORE COMMENCING WORK, EXAMINE ALL ADJOINING AREAS THAT MAY BE AFFECTED BY REMOVAL. REPORT TO THE GENERAL CONTRACTOR ANY CONDITION THAT PREVENTS PERFORMANCE OF THE WORK.
2.	BECOME THOROUGHLY FAMILIAR WITH EXISTING CONDITIONS WHERE CONNECTIONS MUST BE MADE, CHANGED OR ALTERED. THE INTENT OF THE WORK IS SHOWN ON THE DRAWINGS AND DESCRIBED HEREINAFTER AND NO CONSIDERATION WILL BE GRANTED BY REASON OF LACK OF FAMILIARITY ON THE PART OF THE CONTRACTOR WITH ACTUAL PHYSICAL CONDITIONS AT THE SITE. INSPECT EACH AND EVERY AREA AFFECTED BY THE ALTERATION OF THE SPACE BEFORE SUBMITTAL OF BID.
3.	ALL ELECTRICAL EQUIPMENT IN THE AREA OF WORK IS EXISTING TO BE REMOVED UNLESS OTHERWISE NOTED. THIS SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING: A. DISTRIBUTION BOARDS AND PANELBOARDS. B. LIGHTING FIXTURES AND SWITCHES. C. CIRCUIT BREAKERS AND DISCONNECT SWITCHES. D. RECEPTACLES, OUTLETS AND DEVICES.
4.	ALL CONDUCTORS AND CONDUIT ASSOCIATED WITH REMOVED ELECTRICAL EQUIPMENT SHALL BE REMOVED COMPLETELY BACK TO ITS SOURCE OF POWER AND DISCONNECTED.
5.	ALL POWER CONDUCTORS, CONTROL WIRING AND CONDUIT ASSOCIATED WITH MECHANICAL EQUIPMENT SUCH AS FANS, AIR CONDITIONING UNITS, PUMPS, ETC. DESIGNATED FOR REMOVAL ON THE HVAC AND PLUMBING REMOVAL DRAWINGS SHALL BE REMOVED CLEAR BACK TO THE SOURCE OF POWER AND DISCONNECTED. ALL MOTOR STARTERS, DISCONNECT SWITCHES, CONTROL DEVICES, ETC. SHALL BE REMOVED. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
6.	CIRCUIT BREAKERS AND/OR SWITCHES IN PANELBOARD(S) OR DISTRIBUTION BOARD(S) MADE SPARE DUE TO REMOVAL SHALL BE DESIGNATED AS SUCH ON THE PANEL SCHEDULE.
7.	THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO TRACE AND REMOVE ALL EXISTING FEEDERS AND BRANCH CIRCUIT WIRING WHICH PASSES THROUGH THE REMOVAL AREA THAT SERVE EXISTING OCCUPIED SPACES TO REMAIN. COORDINATE WITH BUILDING MANAGER PRIOR TO ANY SHUTDOWNS OR DISRUPTIONS THAT MAY BE REQUIRED TO ACCOMPLISH THIS WORK.
8.	DISPOSE OF ALL REMOVED EQUIPMENT, WHICH IS NOT INTENDED TO BE REUSED, PRIOR TO DISPOSAL. CONTACT BUILDING MANAGER TO DETERMINE IF ANY REMOVED EQUIPMENT IS DESIRED FOR STOCK.
9.	EXISTING CIRCUIT BREAKERS IN PANEL(S) ARE TO BE RE-USED. ELECTRICAL CONTRACTOR TO DISCONNECT PANEL AND CIRCUIT BREAKERS WITH GREAT CARE TO ENSURE AGAINST DAMAGE. THIS CONTRACTOR SHALL PROVIDE NEW CIRCUIT BREAKERS AS REQUIRED. ALL NEW CIRCUIT BREAKERS INSTALLED INTO EXISTING PANELBOARDS SHALL BE UL LISTED FOR USE IN THE PANEL.
10.	ALL FIRE ALARM DEVICES IN THE AREA OF WORK ARE EXISTING TO BE REMOVED UNLESS OTHERWISE NOTED.
11.	EXISTING EQUIPMENT DESIGNATED FOR REUSE SHALL BE CLEANED, REFURBISHED AND RESTORED TO OPTIMUM PERFORMANCE. THIS SHALL INCLUDE BUT NOT LIMITED TO CLEANING OF LIGHT FIXTURES, REPLACEMENT OF IMPERABLE BALLASTS AND LAMPS, RESISTANCE TESTING OF BRANCH CIRCUITS AND FEEDERS, ETC.
12.	EXTEND EXISTING CIRCUITRY TO THOSE DEVICES THAT ARE TO BE RELOCATED. MATCH EXISTING TYPE AND SIZE. RELOCATION OF EXISTING EQUIPMENT SHALL BE PERFORMED ONLY UPON OWNERS ACCEPTANCE OF EXISTING EQUIPMENT.
13.	EXTEND EXISTING CIRCUITS SERVING EQUIPMENT TO REMAIN FROM PANELS THAT ARE TO BE REMOVED TO NEW PANELS OR EXISTING PANELS THAT ARE TO REMAIN.

DISPOSAL OF MERCURY CONTAINING LAMPS	
1.	ALL FLUORESCENT AND HID LAMPS WITHIN REMOVED LIGHT FIXTURES ARE CONSIDERED MERCURY CONTAINING AND SHALL BE TREATED AS HAZARDOUS MATERIAL.
2.	FLUORESCENT AND HID LAMPS SHALL BE REMOVED FROM DEMOLISHED LIGHT FIXTURES AND DISPOSED OF AS PER NEW YORK STATE DEC REGULATIONS AND METHODS
3.	LAMPS MUST BE BAGGED IN NON-LEACHING PLASTIC BAGS AND SEALED TO PREVENT LEAKING.
4.	EACH LAMP OR BAGGED CONTAINER IN WHICH THESE LAMPS ARE CONTAINED MUST BE LABELED OR MARKED CLEARLY WITH ONE OF THE FOLLOWING PHRASES; UNIVERSAL WASTE LAMPS, OR WASTE LAMPS, OR USED LAMPS
5.	THESE MARKED BAGS MUST BE DELIVERED TO THE PROPER NEW YORK STATE DEC. AUTHORIZED LANDFILL OR RECYCLE CENTERS.

BID PROJECTS	
PROJECT 1: ALL WORK NOT INCLUDED IN PROJECTS 2 & 4 LISTED BELOW.	
ALTERNATE 1A: GREY BOX COMPLETE RENOVATION.	
ALTERNATE 1B: MUSIC ROOMS RENOVATIONS.	
PROJECT 2: LIBRARY RENOVATION & SUPPORT SERVICES SUITE	
ALTERNATE 2A: TELECOIL HEARING LOOP FOR LIBRARY.	
ALTERNATE 2B: KIVA TIERED SEATING FOR LIBRARY.	
ALTERNATE 2C: ACOUSTIC CEILING BAFFLES FOR LIBRARY.	
PROJECT 3: NOT USED	
PROJECT 4: WINDOW REPLACEMENT & GYM SKYLIGHT REPLACEMENT AND ROOF REPLACEMENT.	

ABBREVIATIONS	
ABBRV.	DESCRIPTION
A	AMP/AMPERE
AC	AIR CONDITIONING UNIT
A.F.F.	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
C.B.	CIRCUIT BREAKER
CH	CABINET HEATER
CKT	CIRCUIT
CU	CONDENSING UNIT
CP	CONDENSATE PUMP
(E)	EXISTING TO REMAIN
E.C.	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EM	EMERGENCY
(ER)	EXISTING RELOCATED
EXIST.	EXISTING
FA	FIRE ALARM
F.A.C.P.	FIRE ALARM CONTROL PANEL
G.GRD	GROUND
GFI	GROUND FAULT INTERRUPTER
HWH	HOT WATER HEATER
kcmil	THOUSAND CIRCULAR MILLS
KVA	KILOVOLT AMPERE
KW	KILOWATT
LTG	LIGHTING
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MTD	MOUNTED
N	NEUTRAL
NTS	NOT TO SCALE
P.A.	PUBLIC ADDRESS
PNL	PANEL
(R)	REMOVE EXISTING
(RN)	REPLACE EXISTING W/NEW
(RR)	REMOVED, SALVAGED AND RELOCATED
SP	SUBMERSED PUMP
TV	TELEVISION
TYP.	TYPICAL
UH	UNIT HEATER
W	WATT
WP	WEATHERPROOF

LEGEND	
	2'x4' FLUORESCENT CEILING MOUNTED LIGHT FIXTURE, UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCH CONTROL, FIXTURE SCHEDULE DENOTES TYPE.
	2'x4' CEILING MOUNTED FLUORESCENT LIGHT FIXTURE FOR EMERGENCY OPERATION. 'EM' INDICATES SWITCHED EMERGENCY FIXTURE, 'EM/NL' UNSWITCHED EMERGENCY/NIGHT FIXTURE (TYP.).
	2'x2' FLUORESCENT CEILING MOUNTED FIXTURE, CAPITAL LETTER INDICATES TYPE, LOWER CASE LETTER INDICATES SWITCH CONTROL, FIXTURE SCHEDULE DENOTES TYPE.
	1'x4' FLUORESCENT CEILING MOUNTED FIXTURE, CAPITAL LETTER INDICATES TYPE, LOWER CASE LETTER INDICATES SWITCH CONTROL, FIXTURE SCHEDULE DENOTES TYPE.
	1'x4' CEILING MOUNTED FLUORESCENT LIGHT FIXTURE FOR EMERGENCY OPERATION WITH INTEGRAL BATTERY BACK-UP, TEST BUTTON AND L.E.D.
	4' FLUORESCENT CEILING MOUNTED COMMERCIAL STRIPLITE. LETTER INDICATES TYPE, FIXTURE SCHEDULE DENOTES TYPE.
	CEILING/WALL MOUNTED INCANDESCENT OR COMPACT FLUORESCENT FIXTURE. LETTER INDICATES TYPE, FIXTURE SCHEDULE DENOTES TYPE.
	CEILING/WALL MOUNTED EXIT LIGHT WITH OUTLET BOX, DIRECTIONAL ARROWS SHADED PORTION INDICATES ILLUMINATED FACE, SCHEDULE DENOTES TYPE.
	WALL MOUNTED EMERGENCY LIGHT FIXTURE WITH INTEGRAL BATTERY BACK-UP.
	FLUSH WALL MOUNTED LIGHTING CONTROL SWITCH CONTROLLING ZONE "g" "h" "k" WHERE USED INDICATES KEY SWITCH. '3' INDICATES 3-WAY SWITCH; '4' INDICATES 4-WAY SWITCH.
	FLUSH WALL MOUNTED 3-WAY LIGHTING CONTROL SWITCH.
	FLUSH WALL MOUNTED 4-WAY LIGHTING CONTROL SWITCH.
	FLUSH WALL MOUNTED PIR VACANCY SENSOR LIGHTING CONTROL SWITCH, SIMILAR TO WATTSTOPPER CS-50. (MANUAL ON, AUTO OFF)
	EMERGENCY LIGHTING UL924 RELAY, PROVIDE WATTSTOPPER ELCU-200 MODULE FOR EMERGENCY LIGHT FUNCTION FOR INTERIOR LIGHTING AND WHEN INDICATED WITH 'LVS' PROVIDE MODEL #EPC-D FOR EXTERIOR LIGHTING FIXTURES.
	CEILING/WALL MOUNTED JUNCTION BOX.
	FLUSH FLOOR MOUNTED JUNCTION BOX
	HOMERUN TO DESIGNATED PANEL, ARROWHEAD INDICATES SINGLE POLE CIRCUIT. HOMERUN SHALL CONSIST OF 2#12-3/4" U.O.N.
	HOMERUN TO DESIGNATED PANEL, NUMBERS IN PARENTHESIS INDICATE MULTIPLE CIRCUIT, I.E. 3-HOTS AND 1-GROUND U.O.N.
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	NEW
	125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE WALL MOUNTED TAMPER RESISTANCE DUPLEX RECEPTACLE SIMILAR TO HUBBELL #5362WTR.
	SAME AS ABOVE EXCEPT DOUBLE DUPLEX RECEPTACLE.
	30AMP-2P TWIST LOCK OUTLET
	20A FLUSH WALL MOUNTED GROUND FAULT INTERRUPTING TYPE DUPLEX RECEPTACLE HUBBELL #GFS362.
	QUAD RECEPTACLE SHOWN FOR COORDINATION PURPOSES ONLY. RECEPTACLE PROVIDED BY FURNITURE VENDOR. EC TO PROVIDE POWER TO THE ELECTRIFIED JUNCTION BOX AND MAKE CONNECTIONS TO THE RECEPTACLES.
	125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE WALL MOUNTED TAMPER RESISTANCE COMBINATION DUPLEX RECEPTACLE AND USB OUTLET.
	FLOOR MOUNTED LEGRAND EVOLUTION 8" SERIES POKE THRU DEVICE FLOOR MOUNTED COMBINATION POWER/DATA. FOUR 125V-1P-2W-20A QUAD RECEPTACLE AND THEN (1) DATA PORTS. PROVIDE BRUSHED ALUMINUM FINISH. LEGRAND MODEL #16ATCPAA.
	CEILING MOUNTED LOW VOLTAGE, DUAL TECHNOLOGY SENSOR, SIMILAR TO WATTSTOPPER MODEL# DT-300, MANUAL ON, AUTO OFF, WORK WITH LOCAL LOW VOLTAGE MOMENTARY CONTACT WALL SWITCH (LVSW-101). INCLUDE REQUIRED POWER PACKS. PROGRAM TO MAXIMUM SENSITIVITY AND TIME DELAY TO 20 MIN.
	CEILING MOUNTED LOW VOLTAGE ULTRASONIC SENSOR, SIMILAR TO WATTSTOPPER MODEL# WT-2255, WITH LONG CORRIDOR COVERAGE PATTERN, INCLUDE POWER PACKS AS REQUIRED. MANUAL ON, AUTO OFF, WORK WITH LOCAL 'KEY' SWITCHES.
	NETWORK DIGITAL DIMMABLE ROOM CONTROLLER FOR LIGHTING CONTROL. SIMILAR TO WATTSTOPPER MODEL LMRc-213, HOT WIRE TO LOAD, CAT 5 WIRE CONNECTIONS TO CONTROL DEVICES. RC#\"/>
	NETWORK DIGITAL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR, SIMILAR TO WATTSTOPPER MODEL LMSW-102, WORKS WITH DIGITAL ROOM CONTROLLER. PROGRAM TO MAXIMUM SENSITIVITY AND TIME DELAY TO 20 MIN.
	NETWORK DIGITAL CEILING MOUNTED CLOSED LOOP, SINGLE ZONE PHOTO SENSOR. SIMILAR TO WATT STOPPER MODEL LMLs-400, WORKS WITH ROOM CONTROLLER.
	NETWORK DIGITAL FLUSH MOUNTED PRESET WALL STATIONS, SIMILAR TO WATTSTOPPER MODEL LMSW-102, WORKS WITH DIGITAL ROOM CONTROLLER. INCLUDES BUTTON ENGRAVING, 'WS#\"/>
	NETWORK DIGITAL FLUSH MOUNTED PRESET SINGLE ZONE DIMMABLE WALL STATION, SIMILAR TO WATTSTOPPER MODEL LMSW-104, WORKS WITH DIGITAL ROOM CONTROLLER. INCLUDES BUTTON ENGRAVING AND PROGRAMMING PER ZONES: ON, RAISE, LOWER, OFF. SUPERSCRIPT '3' DENOTES 3 WAY SWITCH.
	NETWORK DIGITAL FLUSH MOUNTED PRESET TWO ZONE DIMMABLE WALL STATION, SIMILAR TO WATTSTOPPER MODEL LMSW-104, WORKS WITH DIGITAL ROOM CONTROLLER. INCLUDES BUTTON ENGRAVING AND PROGRAMMING PER ZONES: A, B, RAISE, LOWER. SUPERSCRIPT '3' DENOTES 3 WAY SWITCH.
	NETWORK DIGITAL FLUSH MOUNTED PRESET THREE ZONE DIMMABLE WALL STATION, SIMILAR TO WATTSTOPPER MODEL LMSW-105, WORKS WITH DIGITAL ROOM CONTROLLER. INCLUDES BUTTON ENGRAVING AND PROGRAMMING PER ZONES: ON/RAISE, OFF/LOWER, A, B, C, PRES. SUPERSCRIPT '3' DENOTES 3 WAY SWITCH.
	WALL RECESS MOUNTED LOW VOLTAGE DUAL TECHNOLOGY VACANCY SENSOR, SIMILAR TO WATTSTOPPER MODEL# DSW-301. MANUAL ON, AUTO OFF. PROGRAM TO MAXIMUM SENSITIVITY AND TIME DELAY TO 15 MIN.
	FLUSH WALL MOUNTED LOW VOLTAGE MOMENTARY CONTACT SWITCH, SIMILAR TO WATTSTOPPER LVSW-101. WORK WITH CEILING SENSORS (DT-300) FOR MANUAL ON, AUTO OFF OPERATION. '3' INDICATES CONTROL ZONE; '3' INDICATES 3-WAY SWITCH; '4' INDICATES 4-WAY SWITCH.
	FLUSH WALL MOUNTED LOW VOLTAGE DIMMER SWITCH, SIMILAR TO WATTSTOPPER LDMW WORK WITH CEILING SENSORS (DT-300) FOR MANUAL ON, AUTO OFF OPERATION. 'g' INDICATES CONTROL ZONE; '3' INDICATES 3-WAY SWITCH; '4' INDICATES 4-WAY SWITCH.
	WEATHERPROOF, EXTERIOR GRADE WALL MOUNTED OCCUPANCY SENSORS.
	VARIABLE FREQUENCY DRIVE, FURNISHED BY MECHANICAL CONTRACTOR, WIRED AND INSTALLED BY ELECTRICAL CONTRACTOR. THE CONDUIT AND WIRING FROM VFD TO MECHANICAL UNIT INTER CONNECTION SHALL MATCH THE SAME SIZE AND CONDUIT AND WIRE FROM VFD TO DESIGNATED PANELBOARD. REFER TO PANEL SCHEDULE OR NOTES FOR CONDUIT WIRE AND SIZE.
	EMERGENCY POWER OFF KEY SWITCH/PUSH BUTTON

LEGEND	
	FLUSH WALL MOUNTED DATA OUTLET CONSISTING OF A COVER PLATE WITH 1" GROMMETED OPENING AND 1" EMPTY CONDUIT WITH DRAG LINE STUBBED UP 6" ABOVE FINISHED CEILING.
	FLUSH WALL MOUNTED TELEPHONE OUTLET CONSISTING OF A COVER PLATE WITH 1" GROMMETED OPENING AND 1" EMPTY CONDUIT WITH DRAG LINE STUBBED UP 6" ABOVE CEILING.
	SURFACE MOUNTED NEW ELECTRICAL PANELBOARD.
	SURFACE MOUNTED EXISTING ELECTRICAL PANELBOARD.
	HEAVY DUTY TYPE DISCONNECT SWITCH WITH FINAL FLEXIBLE EQUIPMENT CONNECTION. 240 INDICATES VOLTAGE, 3 INDICATES NO. OF POLES, 60 INDICATES AMPERE RATING, NF INDICATES NON-FUSED(OR FUSE SIZE) U.O.N. REFER TO SPECIFICATION AND DRAWINGS FOR ENCLOSURE. 'WP' WHERE USED INDICATES WEATHERPROOF ENCLOSURE (NEMA 3R).
	THERMAL SWITCH, CUTLER-HAMMER MS SERIES MANUAL STARTERS SINGLE-PHASE 20AMP, 120V U.O.N. WHERE INDICATED WITH 'WP' PROVIDE WATERTIGHT ENCLOSURE TYPE 3.
	208 VOLT, SINGLE PHASE 2 POLE, THERMAL OVERLOAD PROTECTED TOGGLE TYPE SWITCH. SIMILAR TO EATON #AH4361 & #AH27940C NEMA 1 ENCLOSURE.
	MOTOR (F.B.O. WIRED BY ELEC.) NUMBER INDICATES HORSEPOWER. REFER TO PANEL SCHEDULES FOR WIRING AND OVER CURRENT PROTECTION.
	WALL MOUNTED COMBINATION FIRE ALARM HORN/STROBE DEVICE.
	WALL MOUNTED FIRE ALARM MANUAL PULL STATION
	CEILING MOUNTED IONIZATION TYPE SMOKE DETECTOR
	CEILING OR WALL MOUNTED CARBON MONOXIDE DETECTOR SOUNDER BASE
	CEILING OR WALL MOUNTED GAS LEAK DETECTOR
	DUCT MOUNTED PHOTOELECTRIC TYPE SMOKE DETECTOR WITH (REMOTE) CONTROL RELAY MODULE FOR FAN SHUT DOWN. RELAY MODULE TO BE MOUNTED ADJACENT TO MECHANICAL EQUIPMENT. ALSO PROVIDE LOAD RELAY AS REQUIRED IF EXISTING DISCONNECT/STARTERS DO NOT HAVE A SET OF DRY CONTACTS TO TIE-IN FOR FAN SHUTDOWN.
	CEILING MOUNTED HEAT DETECTOR
	WALL MOUNTED FIRE ALARM STROBE LIGHT.
	FIRE ALARM CONTROL PANEL.
	FIRE ALARM ALPHANUMERIC ANNUNCIATOR PANEL.
	INTERFACE MODULE CONSISTING OF CONTROL RELAY AND MONITOR MODULES. IN NEMA 1 ENCLOSURE. ALSO PROVIDE LOAD RELAY AS REQUIRED IF EXISTING DISCONNECT/STARTERS DO NOT HAVE A SET OF DRY CONTACTS TO TIE-IN FOR FAN SHUTDOWN.
	LEHIGH SOLITAIRE STM MASTER LIGHTING CONTROL PANEL.
	SOLITAIRE DIMMING SYSTEM MODEL #SDE-LCP AUXILIARY LCD LIGHTING CONTROL PANEL.
	SOLITAIRE IMPRESS ANALOG OCCUPANCY SENSOR
	SOLITAIRE IMPRESS MULTI I/O CONTROLLER
	WIRELESS ACCESS POINT. INSTALLED BY OWNER
	GENERATOR ANNUNCIATOR
	CARD READER.
	CLOSED CIRCUIT TELEVISION CAMERA (CCTV). REMOVED STORED BY EC. INSTALLED BY OWNER.
	HAND SET RECEIVER FOR CALL-IN FUNCTION.
	VOICE ATTENUATOR
	SURFACE MOUNTED P.A. SPEAKER MATCH EXISTING.
	CEILING MOUNTED P.A. SPEAKER MATCH EXISTING U.O.N.
	WALL MOUNTED COMBINATION CLOCK AND SPEAKER. 'S' WHERE USED INDICATES SURFACE MOUNTED AND 'F' WHERE USED INDICATES FLUSH MOUNTED.
	ONE (1) GANG BOX MOUNTED AT 18" A.F.F. UNLESS OTHERWISE NOTED. FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. CONDUIT SHALL BE STUBBED UP 6" BELOW THE TOP OF THE BAR JOIST. CONFIRM LOCATION AND MOUNTING HEIGHT WITH AV CONSULTANT BEFORE THE START OF ANY WORK.
	TWO (2) GANG BOX MOUNTED AT 48" A.F.F. UNLESS OTHERWISE NOTED. FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. CONDUIT SHALL BE STUBBED UP 6" BELOW THE TOP OF THE BAR JOIST. CONFIRM LOCATION AND MOUNTING HEIGHT WITH AV CONSULTANT BEFORE THE START OF ANY WORK.
	FLOOR BOX TYPE: INTEGRATED FLOOR OUTLET AND AV INPUTS; FOUR (4) POWER OUTLETS. BASIS OF DESIGN: FSR FL500P-4-B. BOX SHALL BE FURNISHED AND PROVIDED BY ELECTRICAL CONTRACTOR. CONFIRM LOCATION WITH AV CONSULTANT BEFORE THE START OF ANY WORK.
	SWITCH TO CONTROL PROJECTOR SCREEN AND FIRE SHUTTER. CONFIRM LOCATION AND MOUNTING HEIGHT WITH AV CONSULTANT AND OWNER RESPECTIVELY BEFORE THE START OF ANY WORK.
	FLAT PANEL INTEGRATION SYSTEM MANUFACTURER: RP VISUAL SOLUTIONS, MODEL #WALLMATE 32. PROVIDE (2) DUPLEX RECEPTACLES IN BOX. PROVIDE (1) HDMI CONNECTOR IN BOX. REFER TO AV DRAWINGS FOR MORE DETAILS. PROVIDE 1-1/4" CONDUIT STUB UP TO CEILING.
	FLUSH MOUNTED STANDARD DEVICE BOX WITH SCREW COVER. SINGLE GANG BOX 3-5/8" DEEP. MOUNTED AT 48" AFF. REFER TO AV DRAWINGS FOR MORE DETAILS. PROVIDE 1-1/4" CONDUIT STUB UP TO CEILING.
	JUNCTION BOX FOR ELECTRIFIED FURNITURE. COORDINATE WITH ARCHITECT BEFORE THE START OF ANY WORK.
	CONNECTOR AND CONDUIT PATHWAY FOR TV
	CEILING MOUNTED QUAD RECEPTACLE FOR PROJECTOR
	CEILING MOUNTED QUAD RECEPTACLE AND DATA FOR AUDIO VISUAL RACK
	EXISTING PROJECTOR
	SURFACE MOUNTED WIREMOLD V700 FOR EITHER RECEPTACLE OR COMMUNICATION WIRING. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.
	SURFACE MOUNTED WIREMOLD SERIES 4000 CONTAINING RECEPTACLE CIRCUITS AND COMMUNICATION WIRING. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.
	TAG SYMBOL. NUMERAL DENOTES REFERENCE TO A WORK NOTE.
MECHANICAL EQUIPMENT IDENTIFICATION:	
	EQUIPMENT ABBREVIATION (FE, SF, HY, ETC. SEE ABBREVIATIONS ON THIS DWG.)
	EQUIPMENT NUMBER
DETAIL/PART PLAN NUMBER IDENTIFICATION:	
	DETAIL/PART PLAN NUMBER
	DRAWING NUMBER

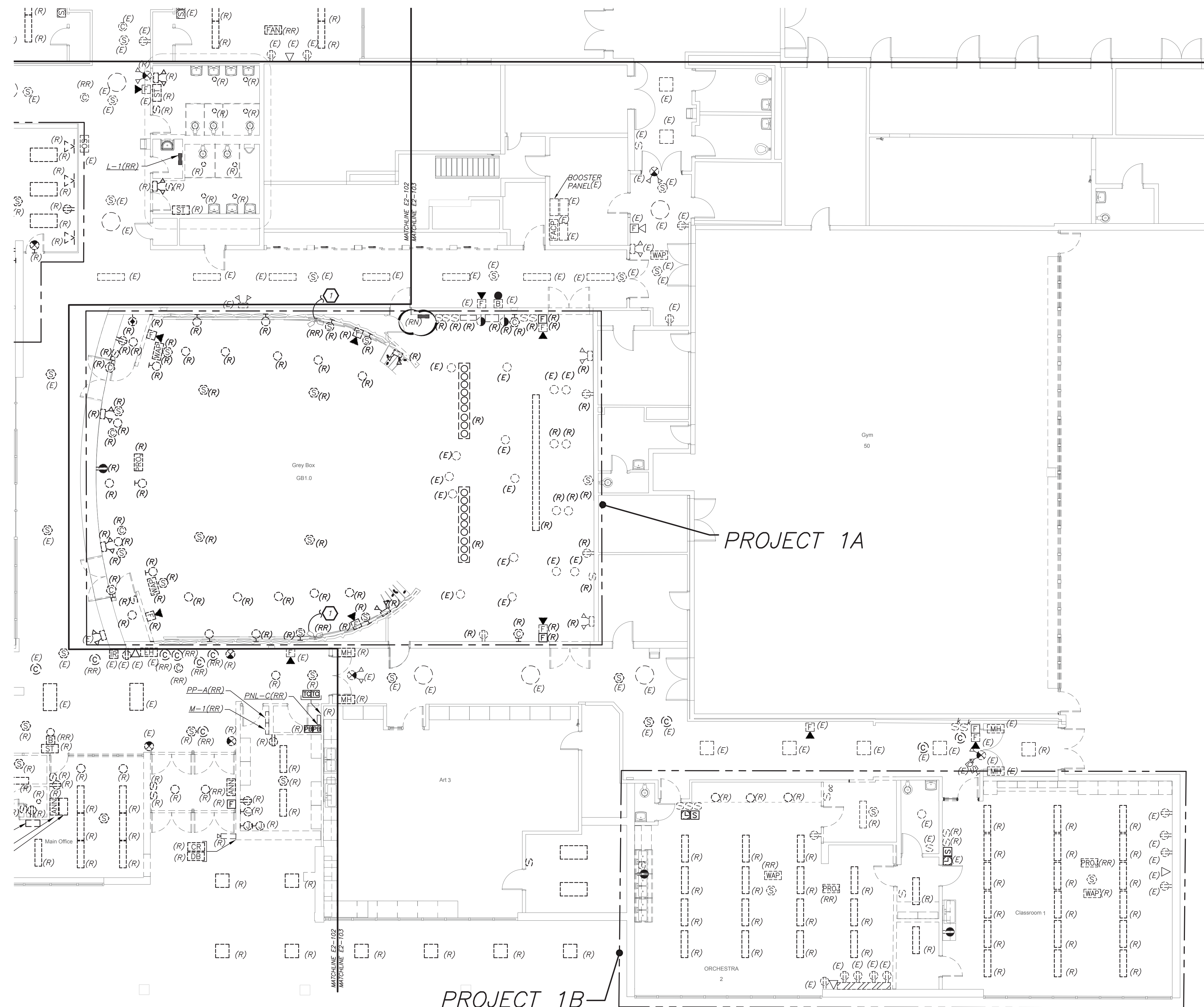
1. REMOVE AND REINSTALL SMOKE DETECTORS IN THE CORRIDORS WHERE CEILING IS BEING REPLACED. MAINTAIN THE EXISTING FIRE ALARM LOOP CONTINUITY FOR ALL EXISTING DEVICES REMAINING. COORDINATE WITH SCHOOL DISTRICT AND CONSTRUCTION MANAGER BEFORE THE START OF ANY WORK.

2. REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER. COORDINATE WITH SCHOOL DISTRICT AND CONSTRUCTION MANAGER BEFORE THE START OF ANY WORK.

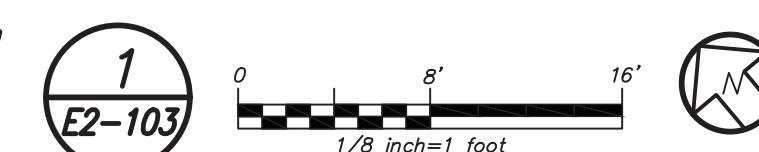
1 ELECTRICAL CONTRACTOR SHALL REMOVE EXISTING LIGHT FIXTURES, PROTECT WITH BUBBLE WRAP, STORE, CLEAN DURING DEMOLITION WORK. ALL WIRING TO BE COILED UP AND SECURED. ONCE THE RENOVATION WORK IS COMPLETE RE-INSTALL AND RECONNECT ALL LIGHTING TO EXISTING WIRING. NEW CONTROLS TO BE PROVIDED FOR THESE LIGHTS. REFER TO DETAIL 5 ON E-702 FOR NEW LIGHTING CONTROL SYSTEM.

1. CORRIDOR CEILING SHALL BE REMOVED BY OTHER CONTRACTORS, THIS ELECTRICAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE TO RE-SUPPORT ALL LOW VOLTAGE WIRING, AND ALL LOW VOLTAGE CABLES ALONG THE CEILING, GRID AND NOT PROPERLY SUPPORTED WITH HOOKS BEFORE THE START OF THE CEILING REMOVAL. THE CONTRACTOR SHOULD ANTICIPATE THAT THERE WILL BE APPROXIMATELY 2-20 CABLES ALONG THE WALL AGAINST THE CLASSROOMS ON BOTH SIDES OF THE CORRIDOR. THERE WILL BE APPROXIMATELY 30 TO 50 LOW VOLTAGE CABLES AND 5 TO 10 MC ARMORED LINE VOLTAGE CABLES. THE LOW VOLTAGE CABLE TYPE CONSISTS OF DATA, TELEPHONE, PA, ALARM, SECURITY, CAMERAS, AND MECHANICAL EQUIPMENT CONTROL WIRING.

2. ALL CEILING MOUNTED FIRE ALARM DEVICES (SMOKE DETECTORS, CARBON DETECTORS, ETC.) ANY SECURITY DEVICES (MOTION SENSORS, ETC. EXCLUDING CAMERAS) SHALL BE RE-SUPPORTED AND MAINTAINED DURING THE DURATION OF ANY CEILING TILES REMOVAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTRACTOR SHALL REINSTALL AND REMOUNT ALL DEVICES IN NEW CEILING TILES IN A NEAT AND CLEAN MANNER. ALL CEILING MOUNTED CAMERAS AND WAP'S WILL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT TO REMOVE AND REINSTALL.
- THE CORRIDOR CEILING SEQUENCE OF THE WORK SHALL BE COORDINATED WITH THE DISTRICT SUPERVISOR, SCHOOL DISTRICT AND OTHER CONTRACTORS BEFORE THE START OF ANY WORK.



PARTIAL FIRST FLOOR REMOVAL PLAN
(REMOVALS) (PROJECT 1, 1A & 1B)



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SED#: 6618-0001-0001-023

Rye City Schools

555 Theodore Fremd Ave, Suite B-101

Osborn Elementary School

10 Osborn Road, Rye NY 10580

PROJECT 1 1A & 1B

SEAL & SIGNATURE	DATE:	12/18/19
	PROJECT No:	9200
	DRAWING BY:	BGA
	CHK BY:	BGA
	DWG No:	
E2-103		

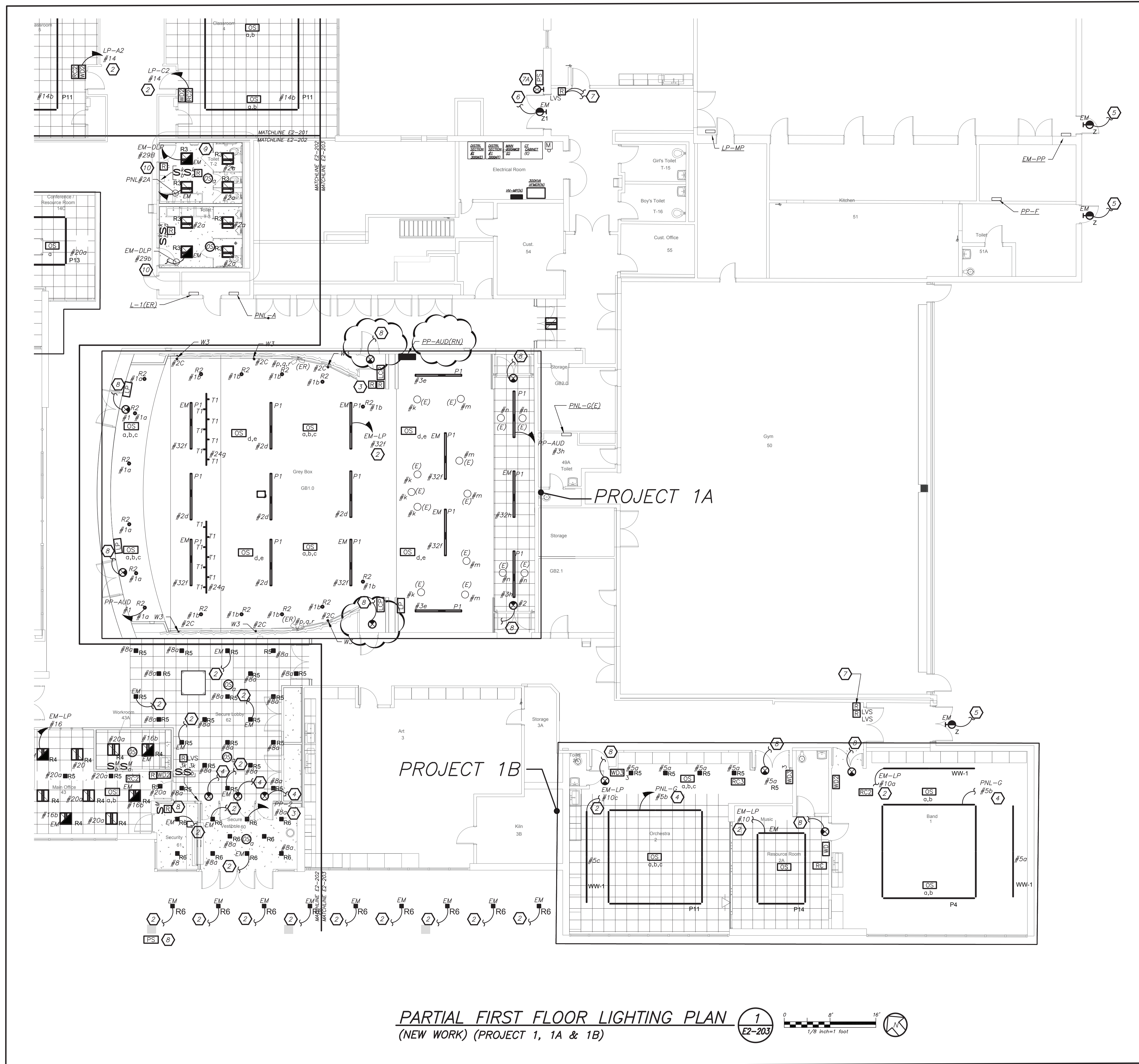
BEFORE FABRICATION THIS CONTRACTOR SHALL
VERIFY ALL MEASUREMENTS AND CONDITIONS ON
JOB AND COORDINATE HIS WORK WITH THE WORK
OF ALL OTHER CONTRACTORS

- 4 NOT USED.
- 5 CIRCUIT NEW EMERGENCY LIGHTING TO EXISTING EMERGENCY CIRCUIT. EC TO CONFIRM CIRCUIT IN FIELD. PROVIDE 2#12+1#12G IN 3/4" FROM NEW LIGHTS TO EXISTING LIGHT FIXTURES.
- 6 REFER TO LIGHTING CONTROL WIRING DIAGRAM ON DRAWING E-702 DETAIL 5 AND SPECIFICATION FOR MORE INFORMATION.
- 7 CIRCUIT NEW NORMAL LIGHTING ON EXISTING LIGHTING CIRCUIT IN THIS AREA. CIRCUIT NUMBER ARE FOR REFERENCE ONLY. EC TO CONFIRM CIRCUIT # IN FIELD. PROVIDE 2#12+1#12G IN 3/4" FROM SOURCE PANELBOARD TO FEED NEW LIGHT FIXTURES.
- 8 CIRCUIT EXTERIOR LIGHTING FIXTURE TYPE "Z" TO INTERIOR NORMAL LIGHTING CIRCUIT. FIXTURE SHALL BE CONTROLLED VIA INTEGRAL PHOTOCELL AND OCCUPANCY SENSOR. INCLUDE SELF CONTAINED BATTERY PACKS TO OVERRIDE ALL CONTROLS IN EVENT OF EMERGENCY.
- 9 PROVIDE NEW EXTERIOR EMERGENCY LIGHT FIXTURE 'Z1' AND CONNECT TO NEW EMERGENCY AND NORMAL LIGHTING CIRCUIT CONNECTED TO LVS RELAY SEE
NOTE 7. FIXTURE SHALL BE CONTROLLED VIA NEW REMOTE PHOTOCELL AND OCCUPANCY SENSOR. REFER TO DETAIL 5, E/2-701 FOR WIRING DIAGRAM. UPON INTERRUPTION OF NORMAL POWER ENTIRE LIGHT CIRCUIT FOR EXTERIOR LIGHT FIXTURE SHALL ILLUMINATE REGARDLESS OF PHOTOCELL OR OCCUPANCY CONTROL POSITION OF OPERATION.
- 10 PROVIDE UL924 RELAY SIMILAR TO LVS MODEL EPC-1-D-F TO OVERRIDE REMOTE PHOTOCELL AND OCCUPANCY SENSOR FOR EXTERIOR MOUNTED LIGHTING FIXTURE 'Z1.' CONNECT TO EMERGENCY AND NORMAL CIRCUIT SERVING THE AREA AHEAD OF ANY LOCAL SWITCHING. REFER TO DETAIL 6/E/2-701 FOR ADDITIONAL INFORMATION.
- 11 PROVIDE TORK 2001 SERIES PHOTOCELL SENSOR AND HUBBELL LIGHTWOL #10-IRWVP-LW2O DISABLE OCCUPANCY SENSOR. INCLUDE BUVPV POWER PACK MOUNTED ON THE BUILDING WALL TO OPERATE TYPE "Z1" EXTERIOR EMERGENCY LIGHTING FIXTURE.
- 12 CIRCUIT EXIT LIGHTS TO THE EMERGENCY LIGHTING CIRCUIT IN THIS AREA, AHEAD OF ANY SWITCHING.

1. CLASSROOMS, MAKER SPACES, CONFERENCE ROOM AND LIBRARY ARE CONTROLLED VIA MANUAL ON DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH CLASSROOMS CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF "ON", "OFF", "100% LIGHTS" AND "20% LIGHTS". OCCUPANCY SENSORS HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. UL 924 EMERGENCY LIGHTING RELAY ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON 100% IN THE EVENT OF EMERGENCY.
2. OFFICES AND SUPPORT SUITS ARE CONTROLLED VIA MANUAL ON DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH OFFICE CONSISTS OF FULL DIMMING CAPABILITY. WALL SWITCHES CONSISTS OF "ON", "RAISE", "LOWER", AND "OFF" BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. UL 924 EMERGENCY LIGHTING RELAY ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF EMERGENCY.
3. ALL RENOVATED LOBBY AREAS SHALL BE CONTROLLED VIA EXISTING LOCAL WALL SWITCHES. OVER LAPPED LONG RANGE OCCUPANCY SENSORS (AUTO ON, AUTO OFF) IN EACH CORRIDOR WILL FUNCTION INDEPENDENTLY AS LOCAL ZONES.
4. EXTERIOR BUILDING MOUNTED LIGHTS (TYPE 2) ARE CONTROLLED VIA BUILT-IN PHOTOCELL AND STEP-DIM MOTION SENSORS. IN EVENT BATTERY BACKUP SHALL OVERRIDE ALL SENSORS (PHOTOCELL AND OCCUPANCY SENSOR) IN THE EVENT OF EMERGENCY AT EGRESS DOORS AS SHOWN.
5. EXTERIOR BUILDING MOUNTED LIGHTS (TYPE 21) ARE CONTROLLED VIA REMOTE PHOTOCELL AND STEP-DIM MOTION SENSORS. PROVIDE UL 924 EMERGENCY LIGHTING RELAY TO BYPASS ALL SENSORS (PHOTOCELL AND OCCUPANCY SENSOR) IN THE EVENT OF EMERGENCY AT EGRESS DOORS AS SHOWN.

1. REFER TO DRAWING E2-001 FOR LEGEND AND LIGHTING CONTROL AND E2-601 FOR LIGHTING FIXTURE SCHEDULE.
2. REFER TO DRAWING E2-600 SERIES FOR PANELBOARD SCHEDULES.
3. REFER TO DRAWING E2-701 FOR LIGHTING CONTROL WIRING DIAGRAMS AND DETAILS.
4. NORMAL SIDE SENSING LINE ON ALL EMERGENCY LIGHTING RELAY SHALL BE CIRCUITED TO THE NORMAL LIGHTING CIRCUIT IN THE ROOM/AREA IT SERVES.
5. FOR ALL AREAS CONTROLLED BY ROOM CONTROLLER "RC", ELECTRICAL CONTRACTOR IS TO CIRCUIT ROOM CONTROLLER, THEN EXTEND LINE WITH CIRCUITRY TO EACH LIGHTING FIXTURES DEPENDING ON CONTROL ZONES. REFER TO ROOM CONTROLLER WIRING DIAGRAM DETAILS ON DRAWING E703.
6. ALL EXIT LIGHTS SHALL BE CIRCUITED TO NORMAL LIGHTING CIRCUIT IN THE AREA, AHEAD OF ANY SWITCHING.
7. SET LIGHTING CONTROL SENSORS TO HIGHEST SENSITIVITY AVAILABLE PRIOR TO INSTALLATION.

SPECIAL NOTE: THIS CONTRACTOR SHALL RECEIVE SIGN-OFF FROM AV CONSULTANT AND ARCHITECT BEFORE THE START OF ANYWORK OF THE EXACTION LOCATION OF ALL DEVICES, RECEPTACLES, JUNCTION BOXES, FLOOR BOXES, ETC SHALL BE MOUNTED WITHIN GREY BOX AND LIBRARY. IF ELECTRICAL CONTRACTOR DOES NOT RECEIVE WRITTEN CONFIRMATION IT WILL BE HIS RESPONSIBILITY TO RELOCATE ALL ITEMS AT NO ADDITIONAL COST TO OWNER.



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SED#: 6618-0001-0001-023

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Suite B-101

Osborn Elementary School

10 Osborn Road, Rye NY 10580

PART FIRST FLOOR
LIGHTING PLAN

PROJECT 1, 1A & 1B

SEAL & SIGNATURE	DATE:	12/18/19
	PROJECT No:	9200
	DRAWING BY:	BGA
	CHK BY:	BGA
	DWG No:	E2-203

BEFORE FABRICATION THIS CONTRACTOR SHALL
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OF ALL OTHER CONTRACTORS

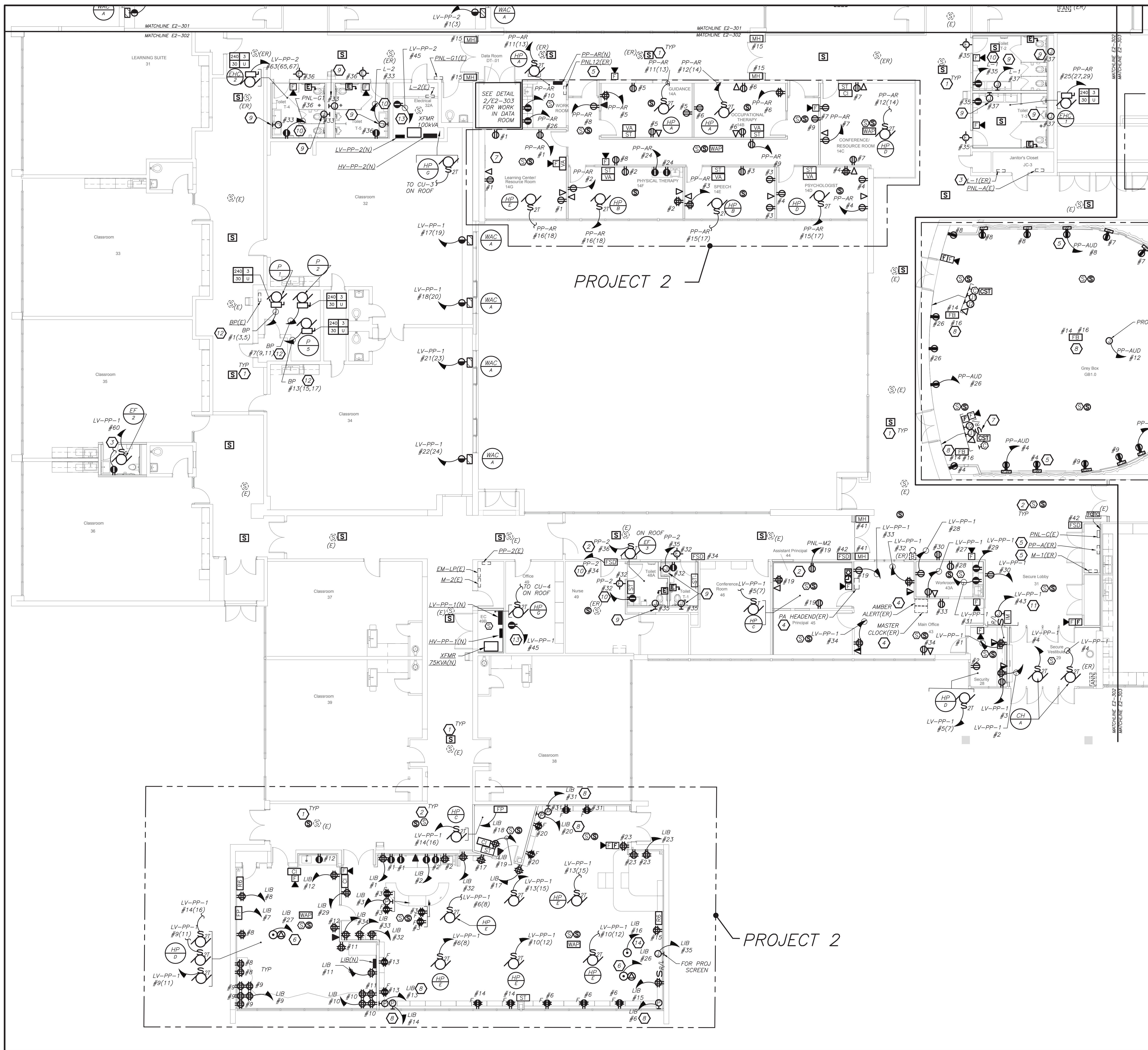
GENERAL NOTES:

1. REFER TO ELECTRICAL RISER DIAGRAMS ON DRAWING E2-501 FOR SCOPE OF WORK.
2. REFER TO PANELBOARD SCHEDULES ON DRAWINGS E2-601 AND E2-602 FOR BRANCH CIRCUITING INFORMATION.
3. REFER TO DRAWINGS E2-700 SERIES FOR DETAILS.
4. EXISTING BUILDING HAS FULL FIRE ALARM COVERAGE CONSISTING OF MANUAL PULL STATIONS, SMOKE DETECTORS, HEAT DETECTORS, HORN/STROBES, STROBES, MAGNETIC DOOR HOLDERS ETC. AREAS OF WORK ONLY SHOWN WITH NECESSARY MODIFICATIONS.

WORK NOTES:

1. PROVIDE NEW SURFACE MOUNTED PUBLIC ADDRESS SYSTEM SPEAKERS THROUGH OUT THE CORRIDOR WITH MIN SPACE OF 30' BETWEEN EACH SPEAKERS. PROVIDE ALL NECESSARY ACCESSORIES IN THE HEADEND LOCATED IN THE MAIN OFFICE. PROVIDE NEW PLENUM RATED P.A. WIRING ABOVE HUNG CEILING, PLENUM RATED WIRING IN EMT IN EXPOSED UNFINISHED AREAS AND PLENUM RATED WIRING IN WIREMOLD IN EXPOSED FINISHED AREA.
2. PROVIDE NEW SMOKE DETECTORS IN THE CORRIDORS AS INDICATED. ALL NEW FIRE ALARM WIRING TO BE CONNECTED TO NEAREST EXISTING LOOPS IN THE AREA.
3. CIRCUIT TO THE EXISTING CIRCUIT IN THE AREA.
4. RELOCATE EXISTING PUBLIC ADDRESS HEADEND, MASTER CLOCK, AND AMBER ALERT HEADEND TO NEW LOCATIONS AS SHOWN. REFER TO RISER DRAWINGS ON E2-501 FOR ADDITIONAL INFORMATION.
5. RELOCATE EXISTING PANELBOARD TO NEW LOCATION AS SHOWN. EXTEND ALL BRANCH WIRING TO NEW LOCATION. PROVIDE ALL NEEDED ACCESSORIES FOR COMPLETE FUNCTIONAL INSTALLATION.
6. CIRCUIT FOR CEILING MOUNTED POWER OUTLET FOR AV RACK. REFER TO AUDIO VISUAL DRAWINGS AVE2 SERIES FOR ADDITIONAL INFORMATION.
7. NOT USED
8. ALL OUTLET LOCATIONS SHALL BE COORDINATED WITH FURNITURE LAYOUT. COORDINATE WITH ARCHITECT BEFORE THE START OF ANY WORK.
9. ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF JUNCTION TO SERVE SINK POWER SUPPLY FOR FAUCET AND AUTOMATIC FLUSH VALVE PRIOR TO THE START OF ANYWORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.
10. PROVIDE 2#12+1#12G IN 3/4" CONDUIT TO INDICATED PANELBOARD. PROVIDE NEW 1P-20 AMP CIRCUIT BREAKER IN AVAILABLE SPACE. NEW CIRCUIT BREAKER SHALL MATCH EXISTING PANEL FRAME SIZE, TYPE AND AIC RATING.
11. PROVIDE POWER FOR FIRE SHUTTERS, AND INTERCONNECT WITH RAISE AND LOWER SWITCH. FIRE SHUTTER SHALL BE INSTALLED WITH FIRE ALARM VIA INTERFACE MODULE AS SHOWN.
12. PROVIDE NEW 30 AMP-3P BREAKER IN EXISTING PNL-BP. MATCH EXISTING. PROVIDE 3#10+1#10G-3/4" FROM PUMPS TO INDICATED PANELBOARD.
13. PROVIDE GF1 OUTLET FOR CONDENSATE PUMP. COORDINATE EXACT MOUNTING HEIGHTS WITH HVAC CONTRACTOR.
14. CIRCUIT FOR CEILING MOUNTED POWER OUTLET FOR PROJECTOR. REFER TO AUDIO VISUAL DRAWINGS AVE2 SERIES FOR ADDITIONAL INFORMATION.

SPECIAL NOTE: THIS CONTRACTOR SHALL RECEIVE SIGN-OFF FROM AV CONSULTANT AND ARCHITECT BEFORE THE START OF ANYWORK OF THE EXACT LOCATION OF ALL DEVICES, RECEPTACLES, JUNCTION BOXES, FLOOR BOXES, ETC SHALL BE MOUNTED WITHIN GREY BOX AND LIBRARY. IF ELECTRICAL CONTRACTOR DOES NOT RECEIVE WRITTEN CONFIRMATION IT WILL BE HIS RESPONSIBILITY TO RELOCATE ALL ITEMS AT NO ADDITIONAL COST TO OWNER.



PARTIAL FIRST FLOOR POWER PLAN
(NEW WORK) (PROJECT 1 & 2)

1
E2-302



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

Revision Schedule

No.	Description	Date
1	SED Submission	09/15/2020
2	SED Submission Addendum#1	01/08/2021
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	07/29/2021

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SED#: 6618-0001-0001-023

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Suite B-101

Osborn Elementary School

10 Osborn Road, Rye NY 10580

PART FIRST FLOOR
POWER PLAN

PROJECT 1 & 2

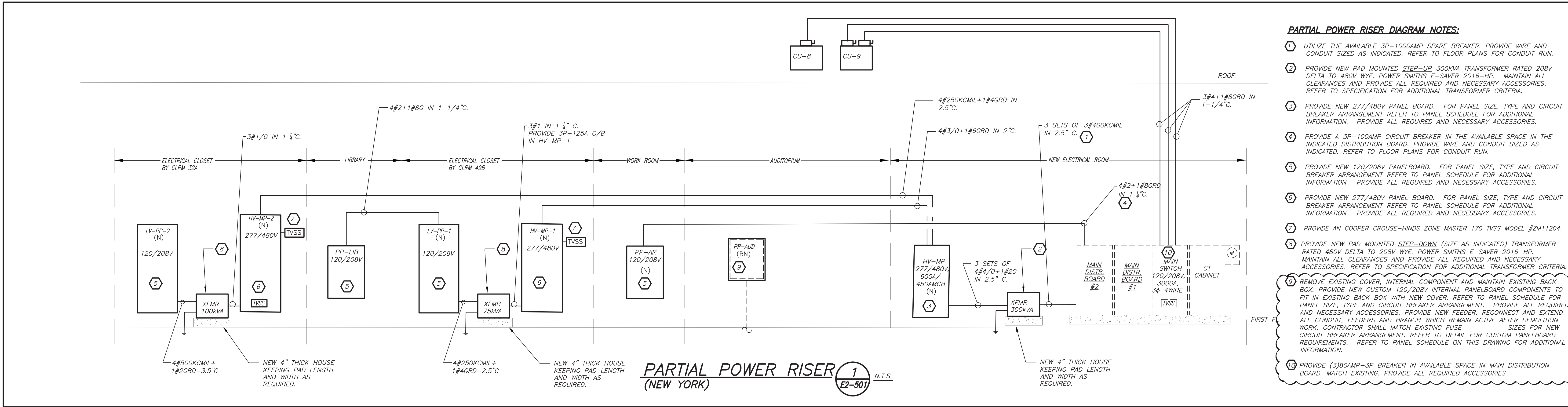
SEAL & SIGNATURE DATE: 12/18/19

PROJECT No: 9200

DRAWING BY: BGA

CHK BY: BGA

DWG No: E2-302

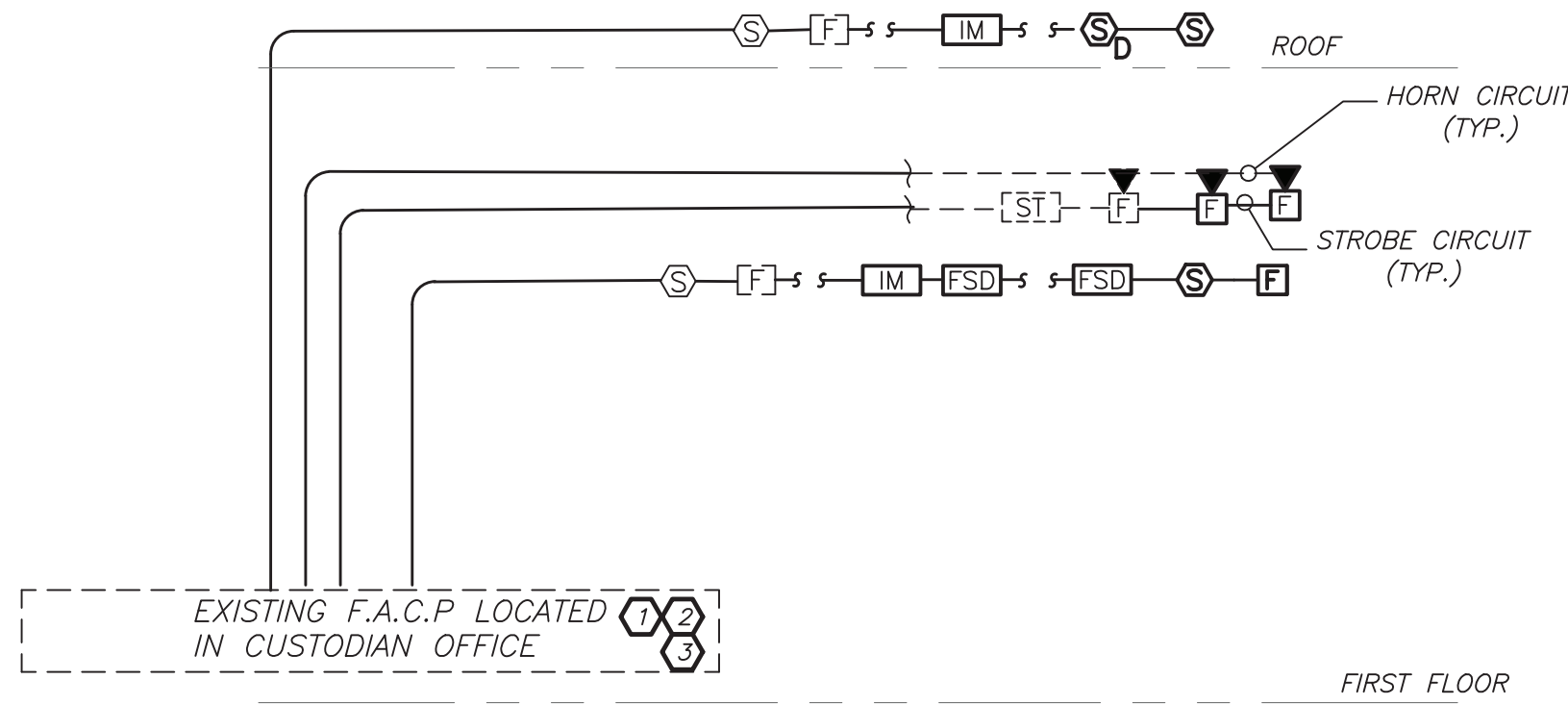


PARTIAL POWER RISER DIAGRAM NOTES:

- UTILIZE THE AVAILABLE 3P-1000AMP SPARE BREAKER. PROVIDE WIRE AND CONDUIT SIZED AS INDICATED. REFER TO FLOOR PLANS FOR CONDUIT RUN.
- PROVIDE NEW PAD MOUNTED STEP-UP 300KVA TRANSFORMER RATED 208V DELTA TO 480V WYE. POWER SMITHS E-SAVER 2016-HP. MAINTAIN ALL CLEARANCES AND PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES. REFER TO SPECIFICATION FOR ADDITIONAL TRANSFORMER CRITERIA.
- PROVIDE NEW 277/480V PANEL BOARD. FOR PANEL SIZE, TYPE AND CIRCUIT BREAKER ARRANGEMENT REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES.
- PROVIDE A 3P-100AMP CIRCUIT BREAKER IN THE AVAILABLE SPACE IN THE INDICATED DISTRIBUTION BOARD. PROVIDE WIRE AND CONDUIT SIZED AS INDICATED. REFER TO FLOOR PLANS FOR CONDUIT RUN.
- PROVIDE NEW 120/208V PANELBOARD. FOR PANEL SIZE, TYPE AND CIRCUIT BREAKER ARRANGEMENT REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES.
- PROVIDE NEW 277/480V PANEL BOARD. FOR PANEL SIZE, TYPE AND CIRCUIT BREAKER ARRANGEMENT REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES.
- PROVIDE AN COOPER CROUSE-HINDS ZONE MASTER 170 TVSS MODEL #ZM11204.
- PROVIDE NEW PAD MOUNTED STEP-DOWN (SIZE AS INDICATED) TRANSFORMER RATED 480V DELTA TO 208V WYE. POWER SMITHS E-SAVER 2016-HP. MAINTAIN ALL CLEARANCES AND PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES. REFER TO SPECIFICATION FOR ADDITIONAL TRANSFORMER CRITERIA.
- REMOVE EXISTING COVER, INTERNAL COMPONENT AND MAINTAIN EXISTING BACK BOX. PROVIDE NEW CUSTOM 120/208V INTERNAL PANELBOARD COMPONENTS TO FIT IN EXISTING BACK BOX WITH NEW COVER. REFER TO PANEL SCHEDULE FOR PANEL SIZE, TYPE AND CIRCUIT BREAKER ARRANGEMENT. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES. PROVIDE NEW FEEDER, RECONNECT AND EXTEND ALL CONDUIT, FEEDERS AND BRANCH WHICH REMAIN ACTIVE AFTER DEMOLITION WORK. CONTRACTOR SHALL MATCH EXISTING FUSE SIZES FOR NEW CIRCUIT BREAKER ARRANGEMENT. REFER TO DETAIL FOR CUSTOM PANELBOARD REQUIREMENTS. REFER TO PANEL SCHEDULE ON THIS DRAWING FOR ADDITIONAL INFORMATION.
- PROVIDE (3)80AMP-3P BREAKER IN AVAILABLE SPACE IN MAIN DISTRIBUTION BOARD. MATCH EXISTING. PROVIDE ALL REQUIRED ACCESSORIES

FIRE ALARM RISER GENERAL NOTES:

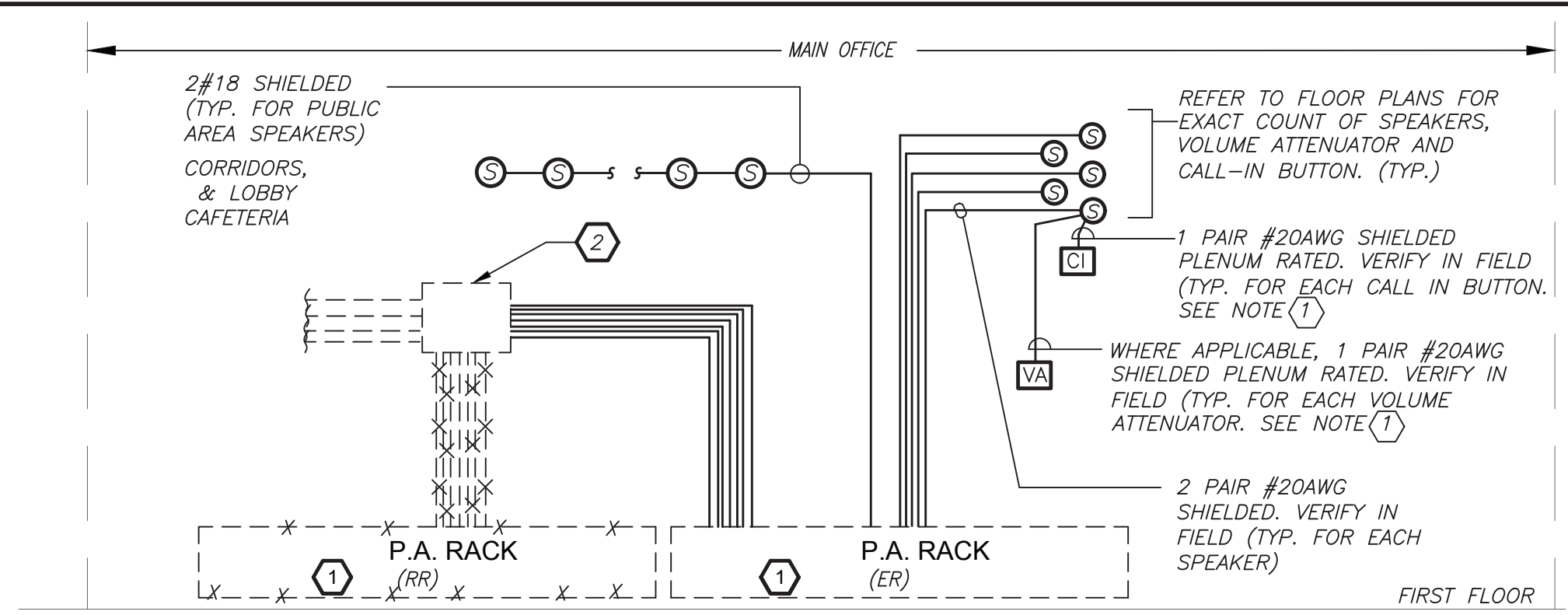
- FIRE ALARM WIRING DIAGRAMS SHOWN ARE FOR GENERAL ARRANGEMENT ONLY. ELECTRICAL CONTRACTOR SHALL VERIFY AND OBTAIN POINT TO POINT WIRING DIAGRAM PRIOR TO INSTALLATION FROM MANUFACTURER.
- PERMITS AND APPROVALS NECESSARY FOR INSTALLATION OF THE WORK SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF THE WORK. ALL PERMIT COSTS AND INSPECTION FEES SHALL BE INCLUDED AS PART OF THIS CONTRACT.
- IN AREAS WHERE DUST AND DIRT WILL BE AIRBORNE DURING DEMOLITION AND CONSTRUCTION THE CONTRACTOR SHALL PROVIDE PLASTIC WRAP OVER SMOKE DETECTORS AND THEN REMOVE ONCE SPACE IS CLEAN.
- UNLESS DIRECTED OTHERWISE BY FIRE ALARM SYSTEM MANUFACTURER FIRE ALARM DEVICE WIRING SHALL BE AS FOLLOWS (FOR BIDDING PURPOSES ONLY):
SPEAKER WIRING - #14 AWG TWISTED
STROBE WIRING - #14 AWG TWISTED
SIGNAL WIRING - #14 AWG TWISTED/SHIELDED
THE WIRING SHALL HAVE THE FOLLOWING CHARACTERISTICS:
A. A MINIMUM TEMPERATURE RATING OF 150 C
B. A MINIMUM AVERAGE INSULATION THICKNESS OF 15 MILS
C. A MINIMUM AVERAGE JACKET THICKNESS OF 25 MILS
D. THE COLOR OF THE CABLE SHALL BE RED
E. THE CABLE SHALL BE A TYPE PLP (PLENUM TYPE) WHEN CONDUIT IS USED.
SEE NOTE 5 FOR ADDITIONAL CLARIFICATION.
F. THE CABLE SHALL BE VISIBLY MARKED EXTERNALLY THAT IT MEETS THE ABOVE REQUIREMENTS AND IS LISTED BY UL.
CONFIRM WIRING TYPE AND QUANTITY WITH FIRE ALARM SYSTEM MANUFACTURER PRIOR TO PURCHASING.
- PROVIDE MC FIRE ALARM CABLE WITH RED STRIPE AS MANUFACTURED BY AFC SERIES 1800 WHEN CABLE IS CONCEALED OR ABOVE HUNG CEILING. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN FINISHED AREAS, CABLE SHALL RUN IN WIREMOLD V-700. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN UNFINISHED AREAS, PROVIDE PLENUM RATED CABLE IN MIN. 3/4" CONDUIT.
- SHUTDOWN OF HVAC SYSTEM EQUIPMENT (NOT LIMITED TO, ROOF TOP EXHAUST FANS, ETC.) OF 1000 CFM OR GREATER, SHALL BE PERFORMED VIA A RELAY INTERFACE SYSTEM. SEND SIGNAL TO BUILDING AUTOMATED TEMPERATURE CONTROL (ATC) SYSTEM INDICATING SHUTDOWN HAS OCCURRED. EQUIPMENT RESTART SHALL BE BY BUILDING ATC SYSTEM UPON FIRE ALARM RESET TO NORMAL MODE. RESTART OF EQUIPMENT SHALL BE SEQUENTIAL.
- AFTER THE SYSTEM IS COMPLETE, TEST ALL COMPONENTS IN ACCORDANCE WITH SEQUENCE OF OPERATION PRIOR TO FIRE DEPARTMENT INSPECTION.
- COORDINATE F.A WORK WITH F.A VENDOR.
- VERIFY EXACT QUANTITIES OF FIRE ALARM DEVICES WITH PLANS.
- ALL DEVICES SHALL BE SUPERVISED AS PER N.E.P.A. 72. PROVIDE END OF LINE RESISTORS AS REQUIRED PER INDIVIDUAL MANUFACTURER. PROVIDE LOAD RELAYS AS REQUIRED FOR PROPER OPERATION OF EQUIPMENT.
- THIS CONTRACTOR IS RESPONSIBLE FOR ALL PROGRAMMING AND MAPPING OF EACH DEVICE AS REQUIRED.



FIRE ALARM RISER WORK NOTES:

- CONNECT NEW FIRE ALARM DEVICES TO NEAREST EXISTING FIRE ALARM DEVICE CIRCUIT. PROVIDE ALL REQUIRED RELAYS, MODULES, WIRING, ETC., AS NEEDED. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.
- PROVIDE ALL RELAYS, POWER SUPPLIES, WIRING, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH BASE BUILDING VENDOR OPEN SYSTEMS FOR PROGRAMMING AND MAPPING OF ALL DEVICES.

PART FIRE ALARM RISER (NEW YORK)



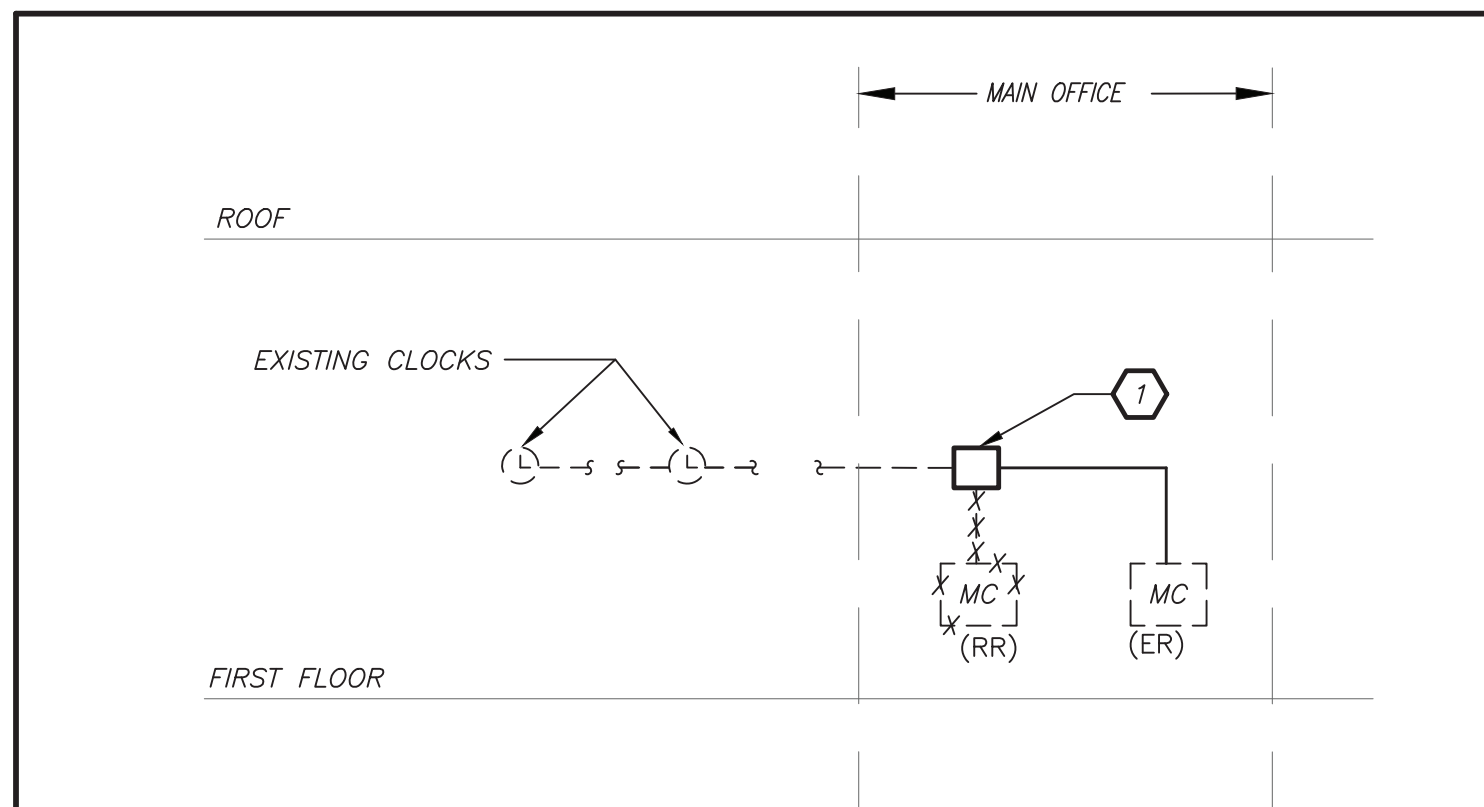
GENERAL NOTES:

- VERIFY EXACT QUANTITY AND LOCATION OF DEVICES ON PLAN DRAWINGS.
- WIRING TYPES ARE SHOWN FOR REFERENCE ONLY. VERIFY EXACT WIRING REQUIREMENTS WITH MANUFACTURER.
- ELECTRICAL CONTRACTOR SHALL PROVIDE PLENUM RATED WIRING AND RUN EXPOSED ABOVE ACCESSIBLE CEILING. IT SHALL BE RUN IN EMT CONDUIT WHERE EXPOSED, EXCEPT IN CORRIDORS AND OFFICES WIRING SHALL BE RUN IN STEEL SURFACE RACEWAY (SIMILAR TO WIREMOLD V-500 AND/OR V-700). WIRING SHALL ALSO BE RUN IN EMT FOR STUB-UPS IN CONCEALED WALLS.
- SPEAKERS SHALL MATCH EXISTING TYPE. VERIFY WATTAGE TAP REQUIREMENTS IN FIELD.
- ALL PROGRAMMING AND FINAL CONNECTIONS TO EXISTING P.A. SYSTEM SHALL BE BY SYSTEM MAINTENANCE CONTRACTOR. ALL COSTS ASSOCIATED WITH THIS SHALL BE BY ELECTRICAL CONTRACTOR.

WORK NOTES:

- EXISTING PA RACK SHALL BE REMOVED AND RELOCATED. PROVIDE NEW SWITCH ZONE CARD, AMPLIFIER, ETC. AS REQUIRED FOR COMPLETE INSTALLATION FOR NEW ADDED DEVICES. EXISTING SYSTEM IS DUKANE AND IS LOCATED IN MAIN OFFICE.
- PROVIDE NEW 24"x24"x6" SPLICE BOX WITH TERMINAL BLOCKS TO EXTEND ALL WIRING TO EXISTING RELOCATED PA RACK WITHIN MAIN OFFICE. SPLICING WIRING TOGETHER WITH TWIST TIES/TAPE IS NOT PERMITTED. PULL BOX SHALL BE INSTALLED ABOVE CEILING. FIRST FLOOR. REFER TO E2-102 AND E2-302 FOR ADDITIONAL INFORMATION.

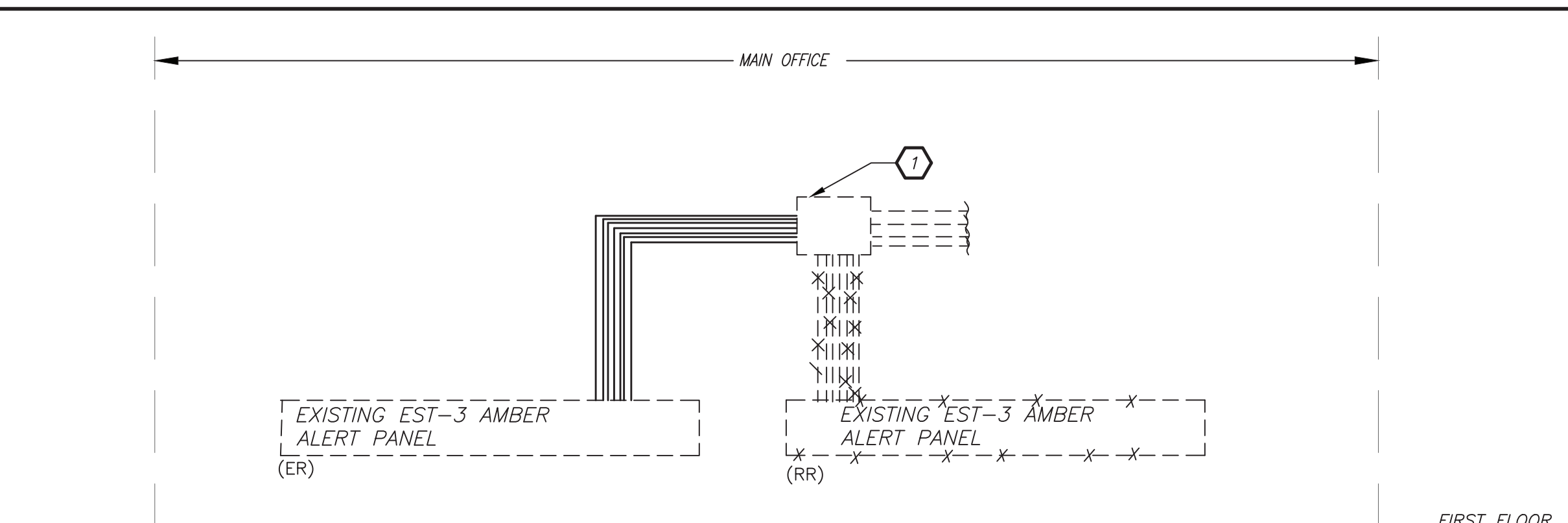
PARTIAL PUBLIC ADDRESS RISER DIAGRAM (NEW YORK)



CLOCK RISER WORK NOTES:

- PROVIDE NEW 8"x18"x4" SPLICE BOX WITH TERMINAL BLOCKS TO EXTEND ALL WIRING TO EXISTING RELOCATED MASTER CLOCK LOCATION. SPLICING WIRING TOGETHER WITH TWIST TIES/TAPE IS NOT PERMITTED. PULL BOX SHALL BE INSTALLED ABOVE CEILING. REFER TO E2-102 AND E2-302 FOR ADDITIONAL INFORMATION.

PART CLOCK RISER DIAGRAM (NEW YORK)



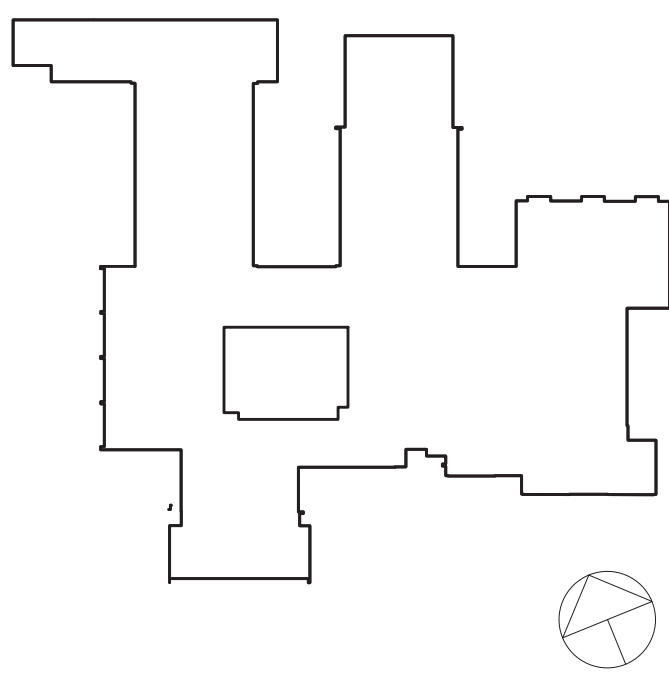
AMBER ALERT RISER WORK NOTES:

- PROVIDE NEW 12"x12"x6" SPLICE BOX WITH TERMINAL BLOCKS TO EXTEND ALL WIRING TO EXISTING RELOCATED AMBER ALERT PANEL LOCATION. SPLICING WIRING TOGETHER WITH TWIST TIES/TAPE IS NOT PERMITTED. PULL BOX SHALL BE INSTALLED ABOVE CEILING. REFER TO E2-102 AND E2-302 FOR ADDITIONAL INFORMATION.

PARTIAL AMBER ALERT RISER DIAGRAM (NEW YORK)

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AV Consultant
CAVANAUGH TOCCI
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Sudbury, MA 01776-3027
978-443-7871

SED#: 6618-0001-0001-023

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Suite B-101

Osborn Elementary School

10 Osborn Road, Rye NY 10580

ELECTRICAL RISER

SEAL & SIGNATURE	DATE: 12/18/19
	PROJECT No: 9200
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: E2-501

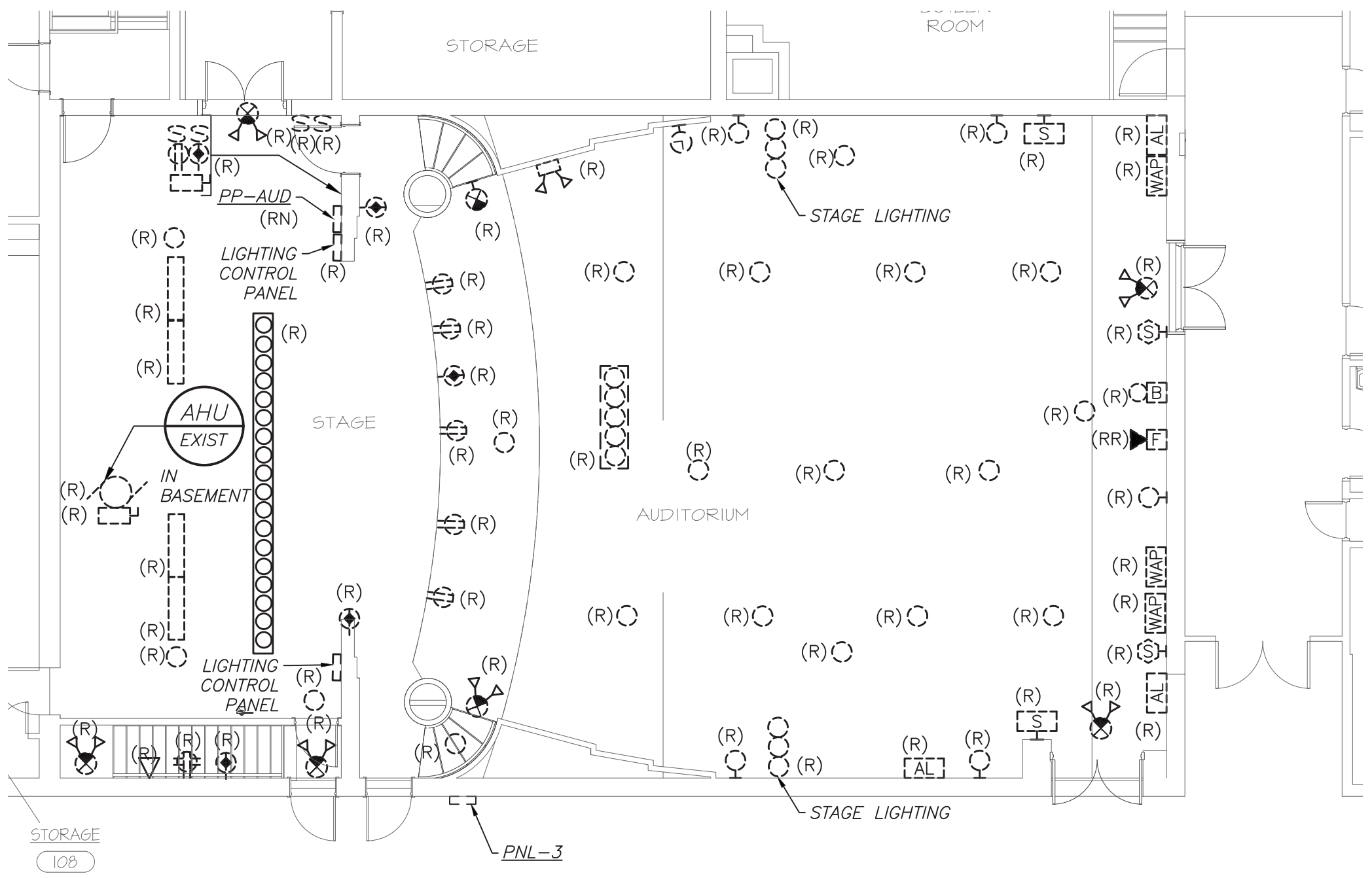
WORK NOTES:

1. EMERGENCY CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. PROVIDE 2#12+1#12G IN 3/4" CONDUIT TO NEAR BY EMERGENCY LIGHTING CIRCUIT.
2. REFER TO LIGHTING CONTROL WIRING DIAGRAM ON DRAWING E-701 DETAIL B/E-701 AND SPECIFICATION FOR MORE INFORMATION.
3. COORDINATE LOCATION AND ELEVATION OF RECEPTACLE WITH AV CONSULTANT. BEFORE THE START OF ANY WORK.
4. JUNCTION BOX TO PROVIDE POWER FOR SPEAKER. COORDINATE EXACT LOCATION WITH AV CONSULTANT BEFORE THE START OF ANY WORK.
5. COORDINATE EXACT LOCATION OF THE PROJECTION SCREEN CONTROL SWITCH WITH THE AV CONSULTANT BEFORE THE START OF ANY WORK.
6. EXACT LOCATION OF FLOOR BOX SHALL COORDINATED WITH AV CONSULTANT BEFORE THE START OF ANY WORK.

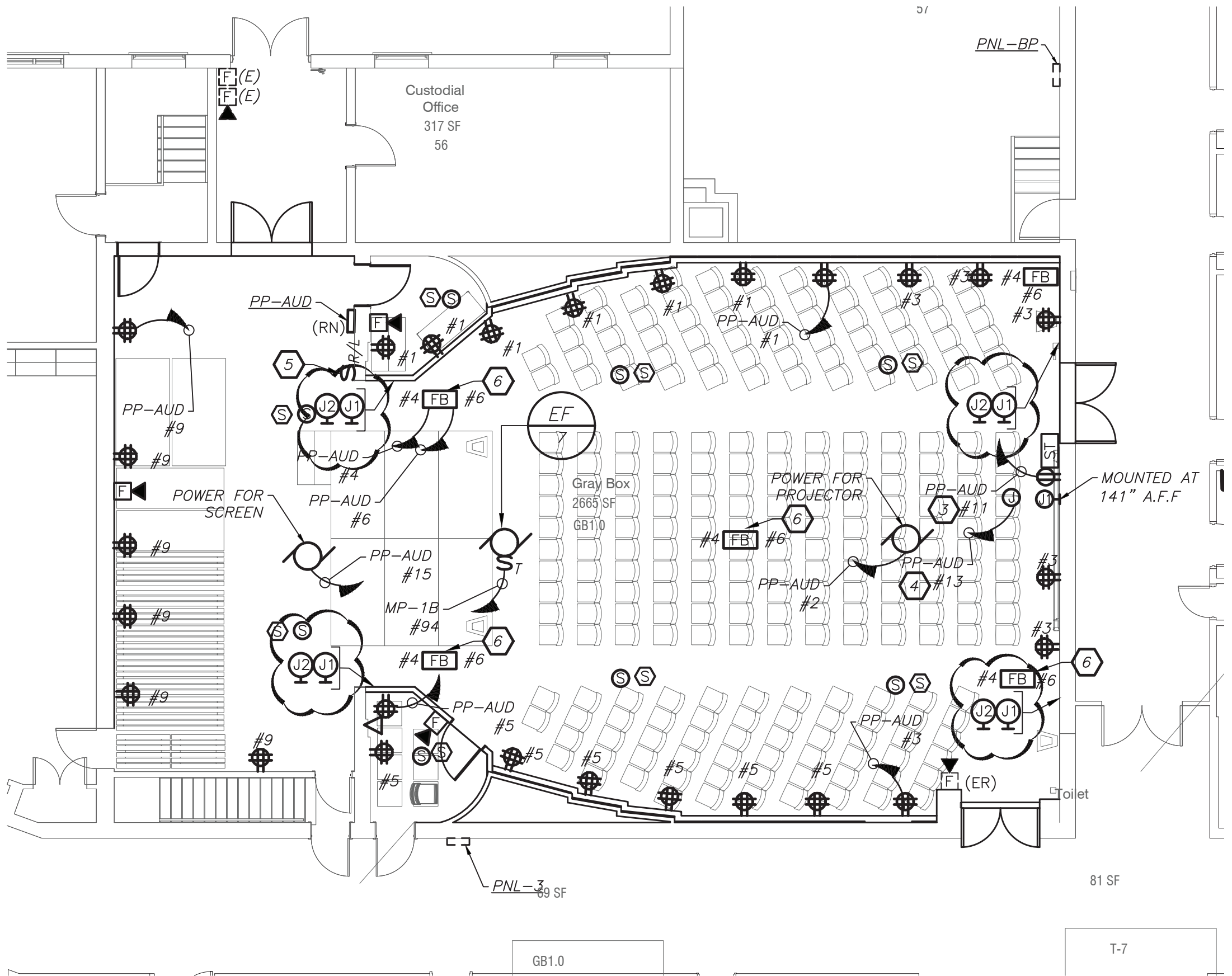
SPECIAL NOTE: THIS CONTRACTOR SHALL RECEIVE SIGN-OFF FROM AV CONSULTANT AND ARCHITECT BEFORE THE START OF ANYWORK OF THE EXACTION LOCATION OF ALL DEVICES, RECEPTACLES, JUNCTION BOXES, FLOOR BOXES, ETC SHALL BE MOUNTED WITHIN GREY BOX. IF ELECTRICAL CONTRACTOR DOES NOT RECEIVE WRITTEN CONFIRMATION IT WILL BE HIS RESPONSIBILITY TO RELOCATE ALL ITEMS AT NO ADDITIONAL COST TO OWNER.

AUDITORIUM DIMMING SCHEDULE- PROJECT 1B					
LIGHT DIMMER PANEL: LP					
ZONE #	CIRCUIT #	AMP	LUMINAIRE		LOAD (VA)
			LOCATION	TYPE	
1	PP-AUD-4	20	AUD-HOUSE-MAIN	LED	168
2	PP-AUD-4	20	AUD-HOUSE-MAIN	LED-EMERGENCY-RELAY UL924	100
3	PP-AUD-6	20	AUD-HOUSE-MAIN	LED	110
4	PP-AUD-6	20	AUD-HOUSE-MAIN	LED-EMERGENCY-RELAY UL924	400
5	PP-AUD-6	20	AUD-HOUSE-MAIN	LED	360
6	PP-AUD-4	20	AUD-HOUSE-MAIN	LED	364
7	PP-AUD-6	20	AUD-HOUSE-MAIN	LED-EMERGENCY-RELAY UL924	180
8	PP-AUD-10	20	AUD-HOUSE-BALC.	LED	48
9	PP-AUD-10	20	AUD-HOUSE-BALC.	LED	96
10	PP-AUD-10	20	AUD-HOUSE-BALC.	LED	756
11	PP-AUD-10	20	AUD-HOUSE-BALC.	LED-EMERGENCY-RELAY UL924	468
12	PP-AUD-16	20	SPARE	SPARE	
TOTAL					3,050

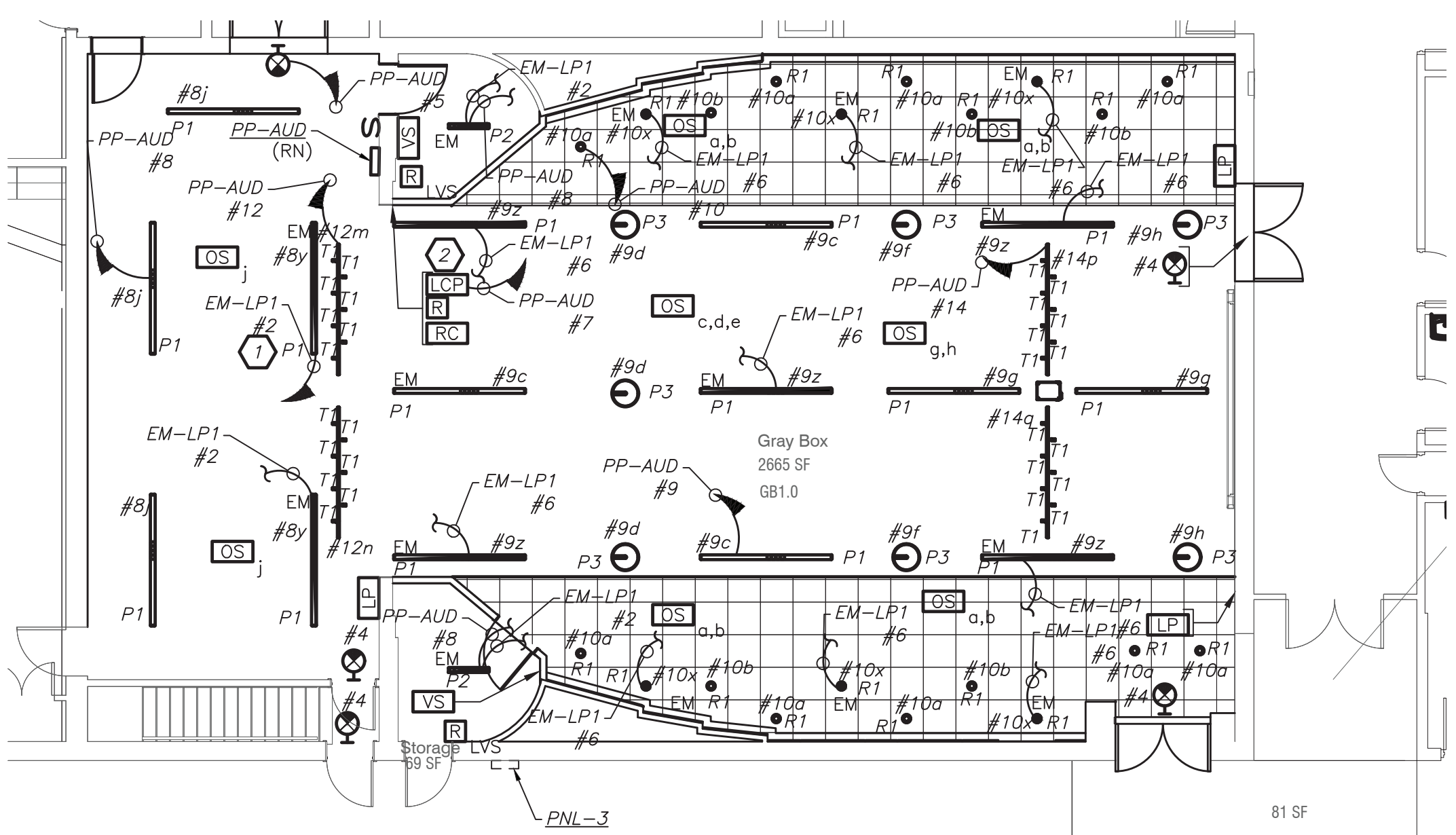
AUDITORIUM DIMMING SCHEDULE **2** **E2-104** NO SCALE



FIRST FLOOR PARTIAL PLAN **1** **E2-104**

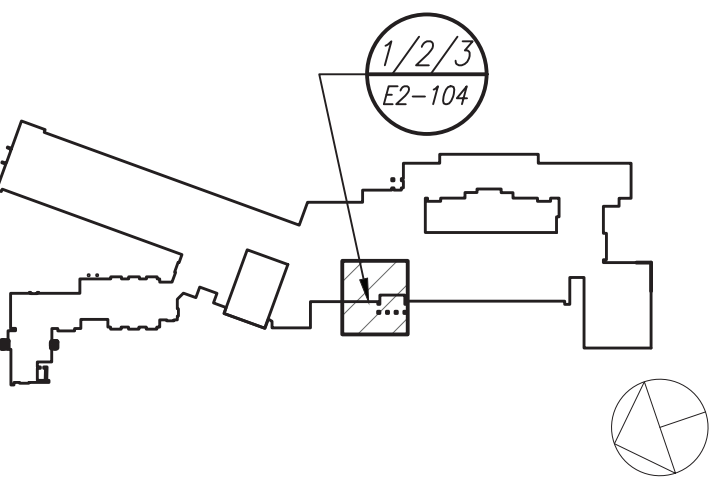


FIRST FLOOR PARTIAL PLAN **2** **E2-104**



FIRST FLOOR PARTIAL PLAN **3** **E2-104**

Revision Schedule		
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1	SED Submission	09/15/2020
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SED#: 6618-0001-0003-025

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Suite B-101

Midland Elementary School

312 Midland Ave, Rye NY 10580

GREY BOX ELECTRICAL

REMOVALS, LIGHTING, POWER

AND FIRE ALARM PLAN

PROJECT 1B

SEAL & SIGNATURE

DATE: 12/18/19

PROJECT No: 9200

DRAWING BY: BGA

CHK BY: BGA

DWG No: E2-104

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

EXTERIOR EMERGENCY LIGHTING CONTROL AND SEQUENCE OF OPERATION:

1. EXTERIOR BUILDING MOUNTED LIGHTS (TYPE Z) ARE CONTROLLED VIA BUILT-IN PHOTOCELL AND STEP-DIM MOTION SENSORS. IN BUILT BATTERY BACKUP SHALL OVERRIDE ALL SENSORS (PHOTOCELL AND OCCUPANCY SENSOR) IN THE EVENT OF EMERGENCY AT EGRESS DOORS AS SHOWN.
2. EXTERIOR BUILDING MOUNTED LIGHTS (TYPE Z1) ARE CONTROLLED VIA REMOTE PHOTOCELL AND STEP-DIM MOTION SENSORS. PROVIDE UL 924 EMERGENCY LIGHTING RELAY TO BYPASS ALL SENSORS (PHOTOCELL AND OCCUPANCY SENSOR) IN THE EVENT OF EMERGENCY AT EGRESS DOORS AS SHOWN.
3. ALL RENOVATED LOBBY AREAS SHALL BE CONTROLLED VIA TWO SEPARATE EXISTING MANUAL WALL MOUNTED KEY SWITCHES AND OCCUPANCY SENSORS. THE OCCUPANCY SENSORS SHALL HAVE AUTO ON-AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS IN THE DESIGNATED ZONE OFF AFTER 20 MINUTES WHEN CORRIDOR IS VACANT. THE OCCUPANCY SENSOR SHALL CONTROL ONLY NORMAL/NON-EMERGENCY LIGHTING. THE LIGHTING FIXTURE DESIGNATED WITH EMERGENCY FEATURE SHALL BE CONTROLLED VIA WALL MOUNTED KEY SWITCH. UL 924 EMERGENCY LIGHTING RELAY (R) ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOSS OF POWER.

WORK NOTES:

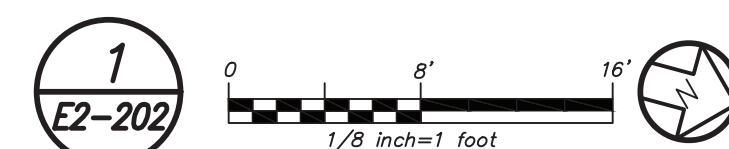
- 1 CIRCUIT NUMBERS ARE FOR CONTRACTOR GUIDANCE ONLY. WIRE LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.
- 2 WIRE CORRIDOR LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK. FIXTURES SHALL BE CONTROLLED VIA LOCAL WALL SWITCHES.
- 3 WIRE EMERGENCY LIGHTING TO EMERGENCY LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.
- 3 NOT USED
- 4 NOT USED
- 5 CIRCUIT EXTERIOR LIGHTING FIXTURE TYPE "Z" TO INTERIOR NORMAL LIGHTING CIRCUIT. FIXTURE SHALL BE CONTROLLED VIA INTEGRAL PHOTOCELL AND OCCUPANCY SENSOR. INCLUDE SELF CONTAINED BATTERY PACKS TO OVERRIDE ALL CONTROLS IN EVENT OF EMERGENCY.
- 6 PROVIDE NEW EXTERIOR EMERGENCY LIGHT FIXTURE "Z1" AND CONNECT TO NEW EMERGENCY AND NORMAL LIGHTING CIRCUIT CONNECTED TO LVS RELAY. SEE NOTE 7. FIXTURE SHALL BE CONTROLLED VIA NEW REMOTE PHOTOCELL AND OCCUPANCY SENSOR. REFER TO DETAIL 8/E2-701 FOR WIRING DIAGRAM. UPON INTERRUPTION OF NORMAL POWER ENTIRE LIGHT CIRCUIT FOR EXTERIOR LIGHT FIXTURE SHALL ILLUMINATE REGARDLESS OF PHOTOCELL OR OCCUPANCY CONTROL POSITION OF OPERATION.
- 7 PROVIDE UL924 RELAY SIMILAR TO LVS MODEL EPC-1-D-F TO OVERRIDE REMOTE PHOTOCELL AND OCCUPANCY SENSOR FOR EXTERIOR MOUNTED LIGHTING FIXTURE "Z1". CONNECT TO EMERGENCY AND NORMAL CIRCUIT SERVING THE AREA AHEAD OF ANY LOCAL SWITCHING. REFER TO DETAIL 8/E2-701 FOR ADDITIONAL INFORMATION.
- 8 PROVIDE TORK 2001 SERIES PHOTOCELL SENSOR AND HUBBELL LIGHTTOWL #LO-IRWWRP-LWO DISABLE OCCUPANCY SENSOR. INCLUDE #VUPP POWER PACK MOUNTED ON THE BUILDING WALL TO OPERATE TYPE "Z1" EXTERIOR EMERGENCY LIGHTING FIXTURE.

GREY BOX DIMMING SCHEDULE--PROJECT 1A					
LIGHT DIMMER PANEL: LP					
ZONE #	CIRCUIT #	AMP	LOCATION	LUMINAIRE TYPE	LOAD (VA)
1	PP-AUD-10	20	GREY BOX--MAIN	LED	140
2	PP-AUD-10	20	GREY BOX--MAIN	LED	58
3	PP-AUD-10	20	GREY BOX--MAIN	LED--EMERGENCY--RELAY UL924	84
4	PP-AUD-9	20	GREY BOX--MAIN	LED--EMERGENCY--RELAY UL924	350
5	PP-AUD-9	20	GREY BOX--MAIN	LED	210
6	PP-AUD-9	20	GREY BOX--MAIN	LED	70
7	PP-AUD-9	20	GREY BOX--MAIN	LED	180
8	PP-AUD-9	20	GREY BOX--MAIN	LED	90
9	PP-AUD-9	20	GREY BOX--MAIN	LED	90
10	PP-AUD-5	20	SPARE	SPARE	0
11	PP-AUD-10	20	GREY BOX--STAGE	LED--EMERGENCY--RELAY UL924	140
12	PP-AUD-16	20	GREY BOX--MAIN	LED	128
12	PP-AUD-16	20	GREY BOX--MAIN	LED	128
12	PP-AUD-16	20	SPARE	SPARE	0
TOTAL					1,668

GREY BOX DIMMING SCHEDULE

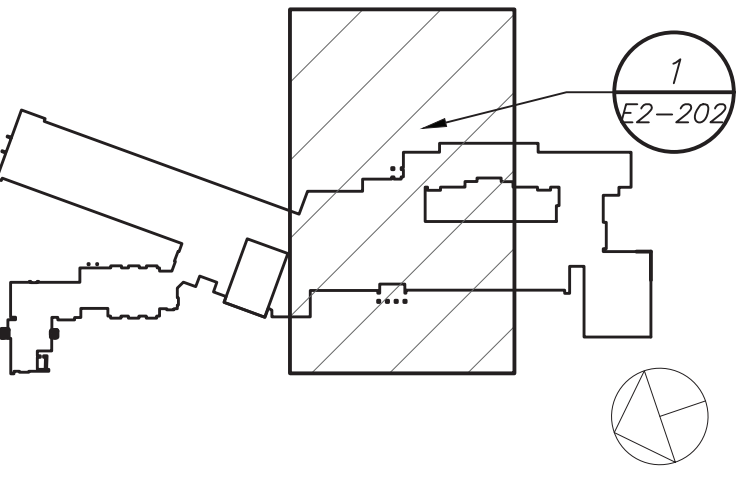


PARTIAL FIRST FLOOR PLAN
(NEW YORK) (PROJECT 1A,2)



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2	SED Submission Addendum#1	01/08/2021
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	01/29/2021



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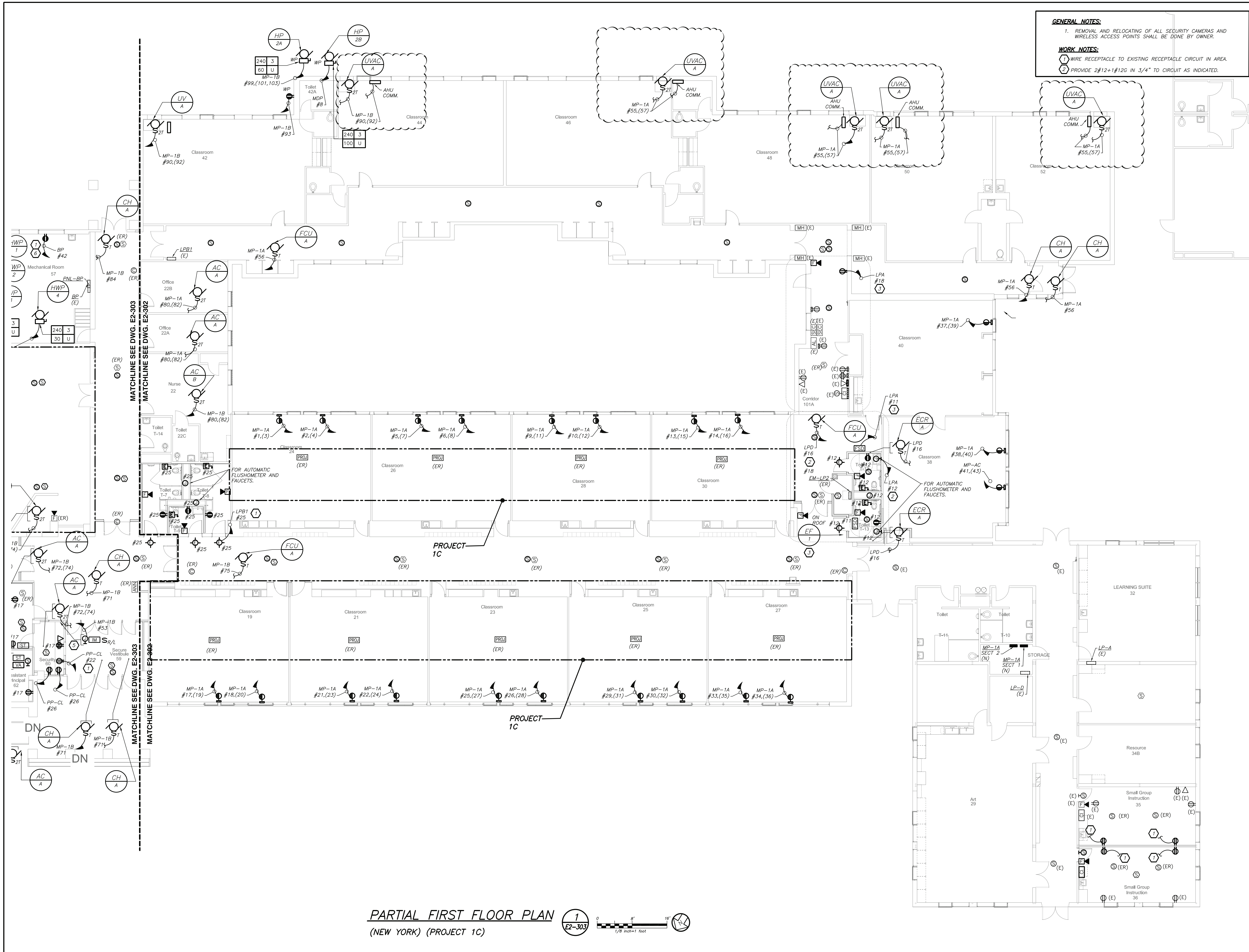
PROJECT
Rye City Schools
555 Theodore Fremd Ave, Suite B-101
Midland Elementary School

312 Midland Ave, Rye NY 10580

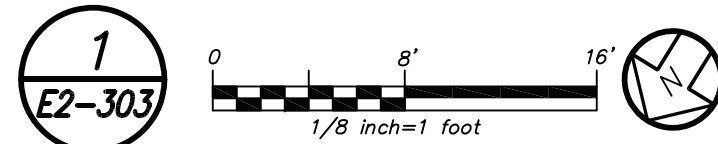
PARTIAL FIRST FLOOR
LIGHTING PLAN

PROJECT 1A,2

SEAL & SIGNATURE DATE: 12/18/19
PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No: E2-202

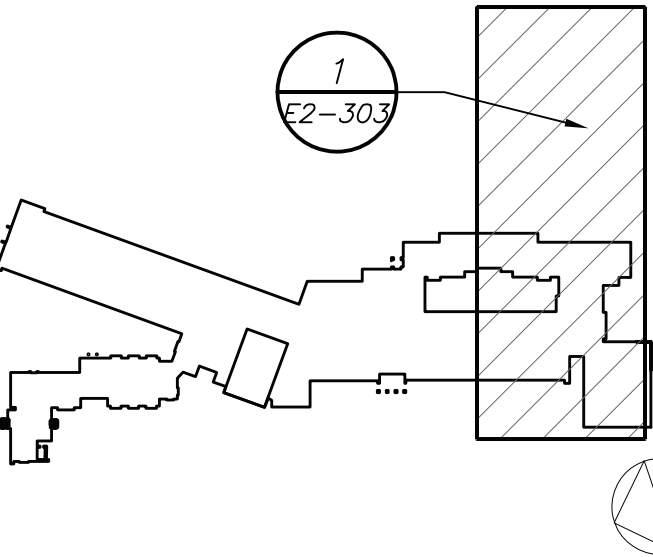


PARTIAL FIRST FLOOR PLAN
(NEW YORK) (PROJECT 1C)



- GENERAL NOTES:**
1. REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER.
- WORK NOTES:**
1. WIRE RECEPTACLE TO EXISTING RECEPTACLE CIRCUIT IN AREA.
 2. PROVIDE 2#12+1#12G IN 3/4" TO CIRCUIT AS INDICATED.

Revision Schedule		
No.	Description	Date
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SED#: 6618-0001-0003-025

PROJECT
Rye City Schools
555 Theodore Fremd Ave, Suite B-101
Midland Elementary School

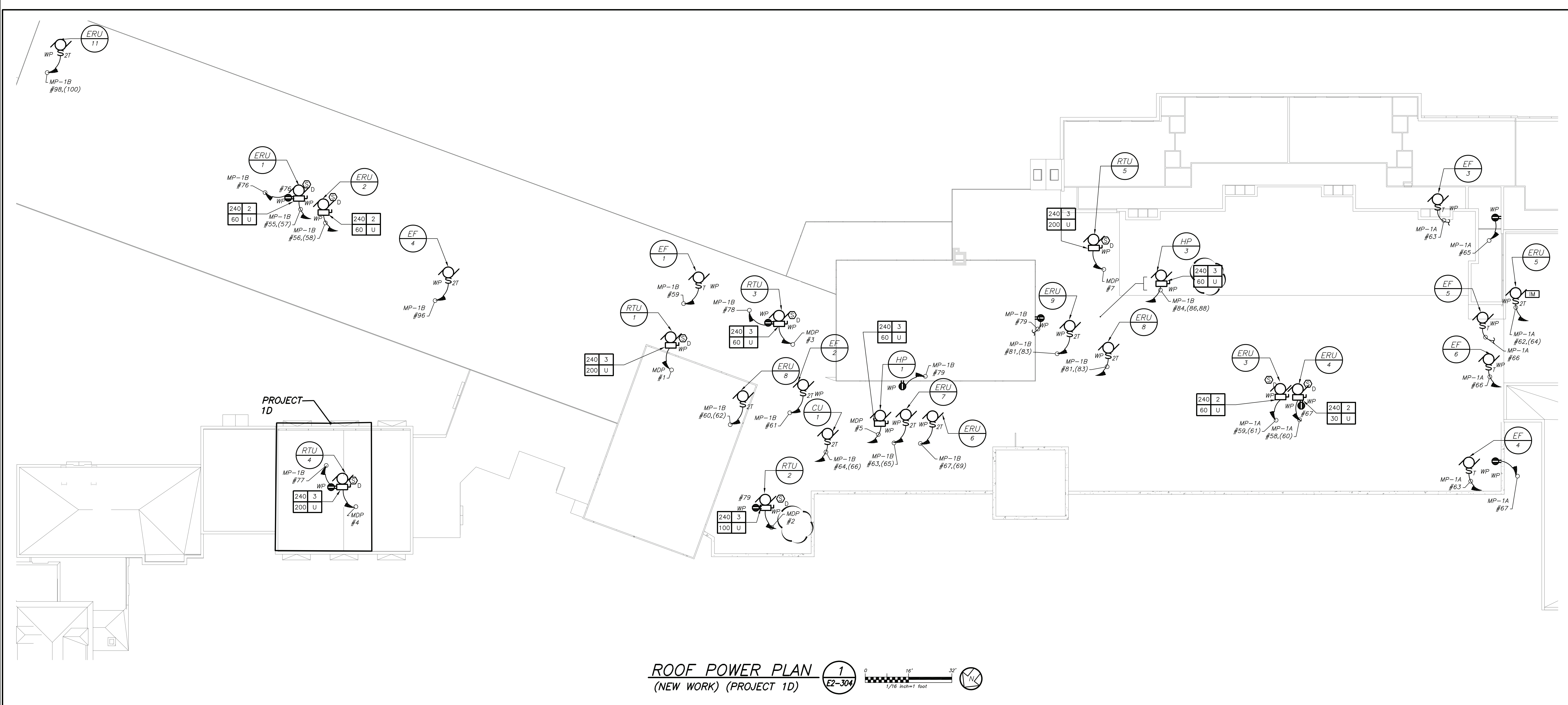
312 Midland Ave, Rye NY 10560

PARTIAL FIRST FLOOR
POWER AND FIRE
ALARM PLAN

PROJECT 1C

SEAL & SIGNATURE DATE: 12/18/19
PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No: E2-303

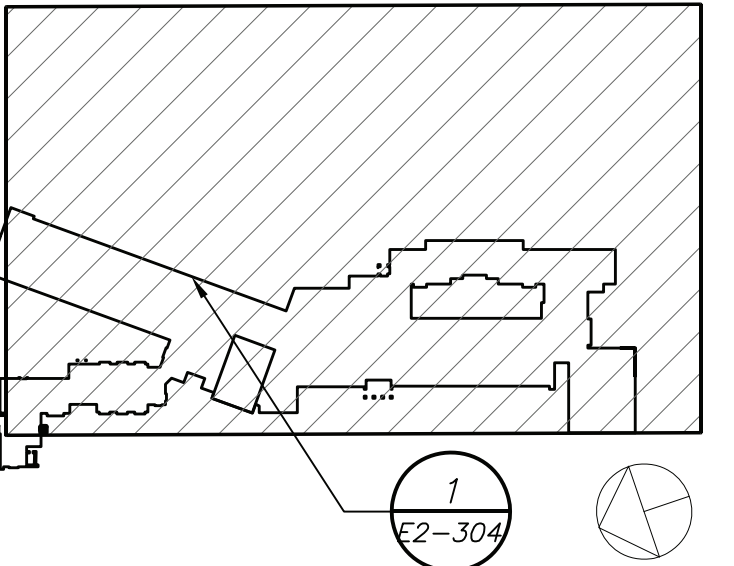
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JOB AND COORDINATE HIS WORK WITH THE WORK
OF ALL OTHER CONTRACTORS



WORK NOTES:
△ PROVIDE 2#12+1#12GIN 3/4" TO CIRCUIT AS INDICATED.

BEFORE FABRICATION THIS CONTRACTOR SHALL
VERIFY ALL MEASUREMENTS AND CONDITIONS ON
JOB AND COORDINATE HIS WORK WITH THE WORK
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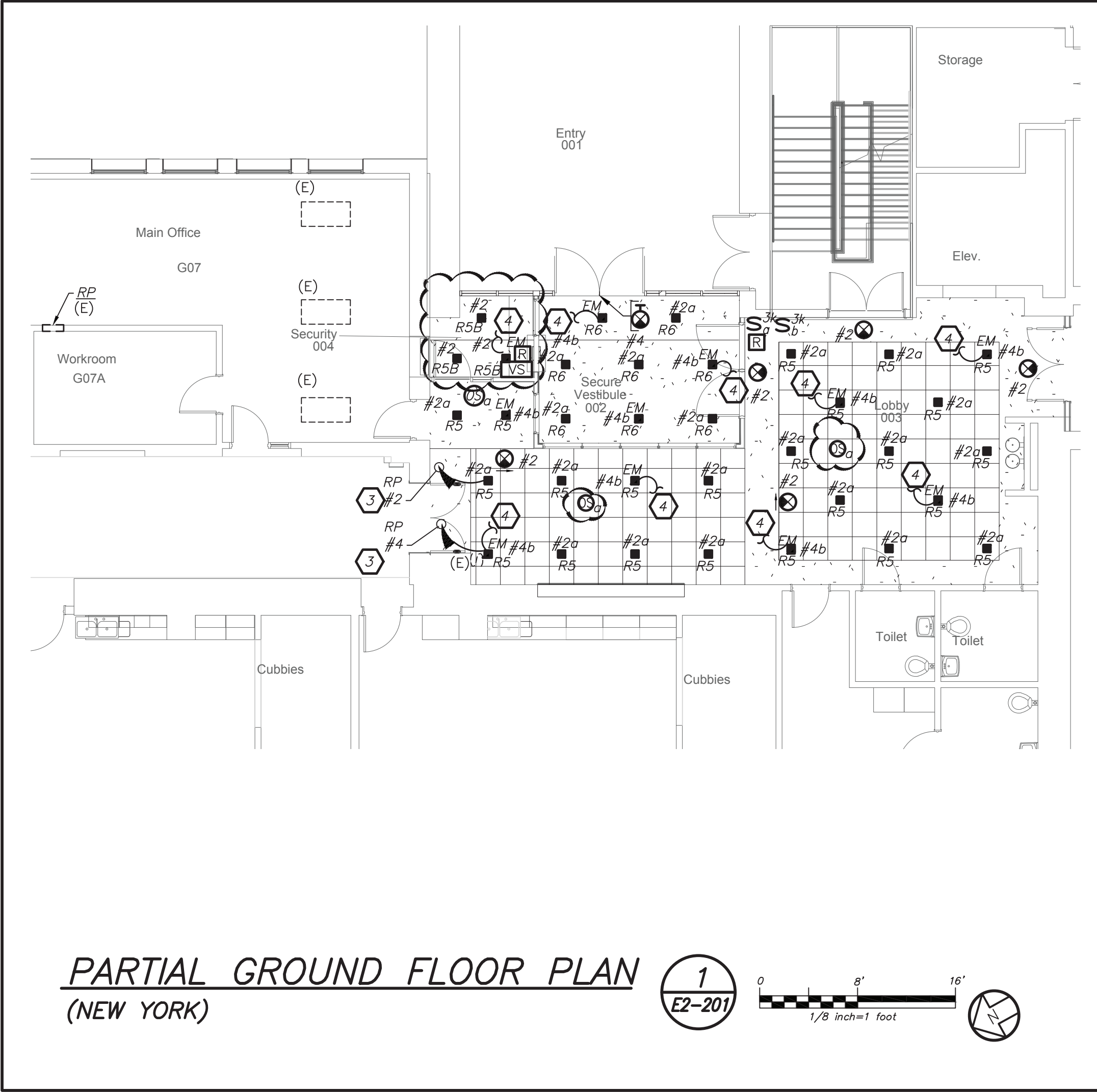
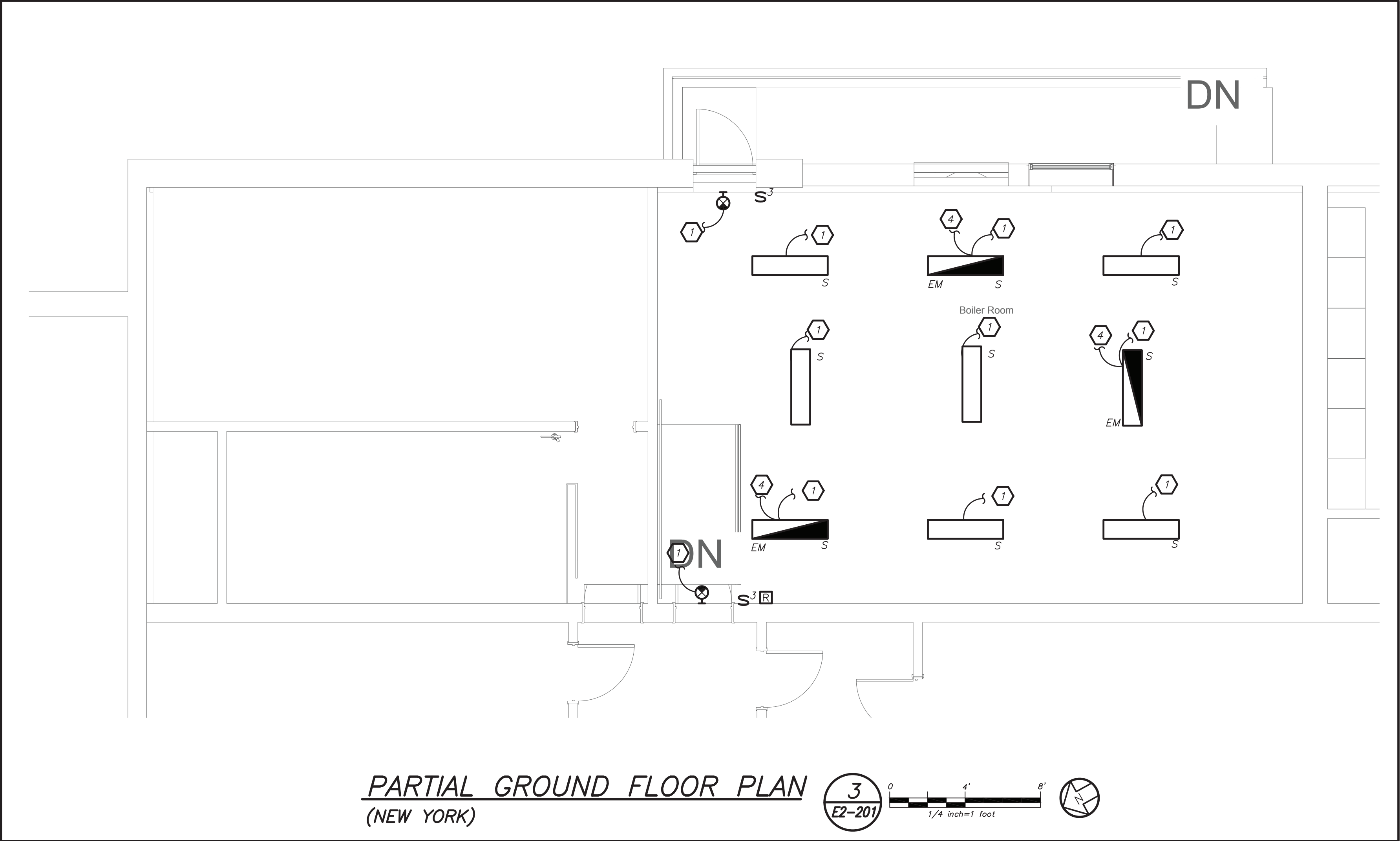
SED#: 6618-0001-0003-025

PROJECT
Rye City Schools
555 Theodore Fremd Ave, Suite B-101
Midland Elementary School
312 Midland Ave, Rye NY 10580

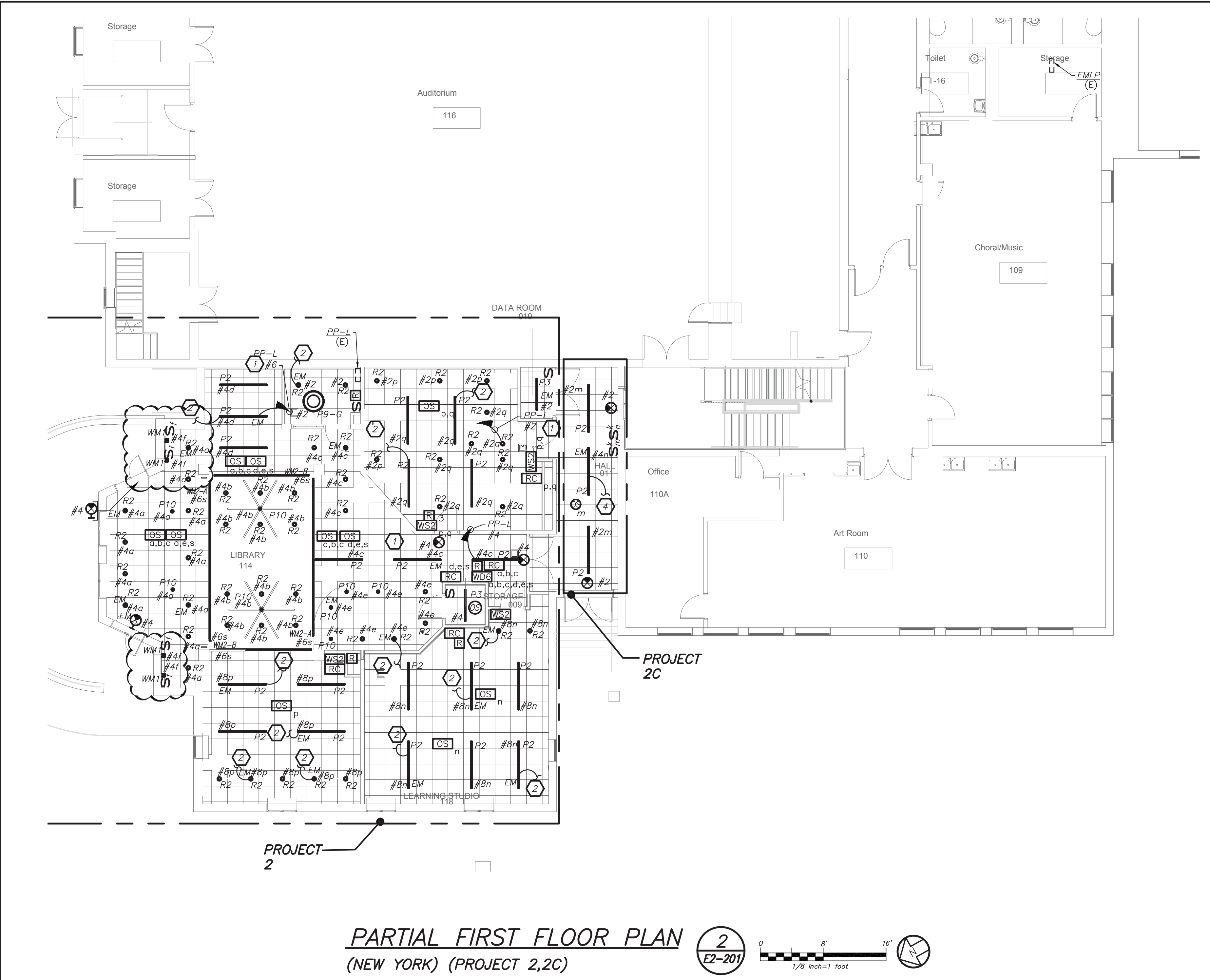
ROOF POWER AND FIRE
ALARM PLAN

PROJECT 1D

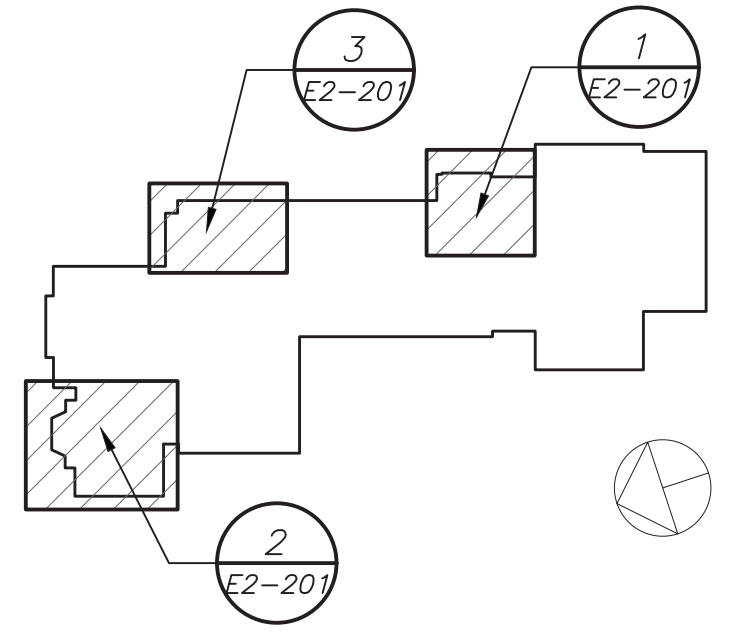
SEAL & SIGNATURE DATE: 12/18/19
PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No: E2-304



- WORK NOTES:**
1. CIRCUIT NUMBERS FOR CONTRACTOR GUIDANCE ONLY. WIRE LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.
 2. CIRCUIT EMERGENCY LIGHTING TO EMERGENCY PANEL EMLP #16. PROVIDE 2#12+1#12G IN 3/4".
 3. CIRCUIT NUMBERS ARE FOR CONTRACTOR GUIDANCE ONLY. CIRCUIT LIGHTING TO CORRIDOR CIRCUIT MADE SPARE BY DEMO WORK. IF NOT OTHERWISE NOTED, LIGHTING SHALL BE CONTROLLED VIA EXISTING CORRIDOR LIGHT SWITCHES AND OCCUPANCY SENSORS.
 4. CIRCUIT EMERGENCY LIGHTING TO EXISTING EMERGENCY CIRCUIT IN THE AREA.
- LIGHTING CONTROL AND SEQUENCE OF OPERATION:**
1. ALL RENOVATED LOBBY AREAS SHALL BE CONTROLLED VIA TWO SEPARATE EXISTING MANUAL WALL MOUNTED KEY SWITCHES AND OCCUPANCY SENSORS. THE OCCUPANCY SENSORS SHALL HAVE AUTO ON-AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS IN THE DESIGNATED ZONE OFF AFTER 20 MINUTES WHEN CORRIDOR IS VACANT. THE OCCUPANCY SENSOR SHALL CONTROL ONLY NORMAL/NON-EMERGENCY LIGHTING. THE LIGHTING FIXTURE DESIGNATED WITH EMERGENCY FEATURE SHALL BE CONTROLLED VIA WALL MOUNTED KEY SWITCH. UL 924 EMERGENCY LIGHTING RELAY (R) ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOSS OF POWER.



Revision Schedule		
No.	Description	Date
1	SED Submission	09/15/2020
2	SED Submission Addendum#1	01/08/2021
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	01/29/2021



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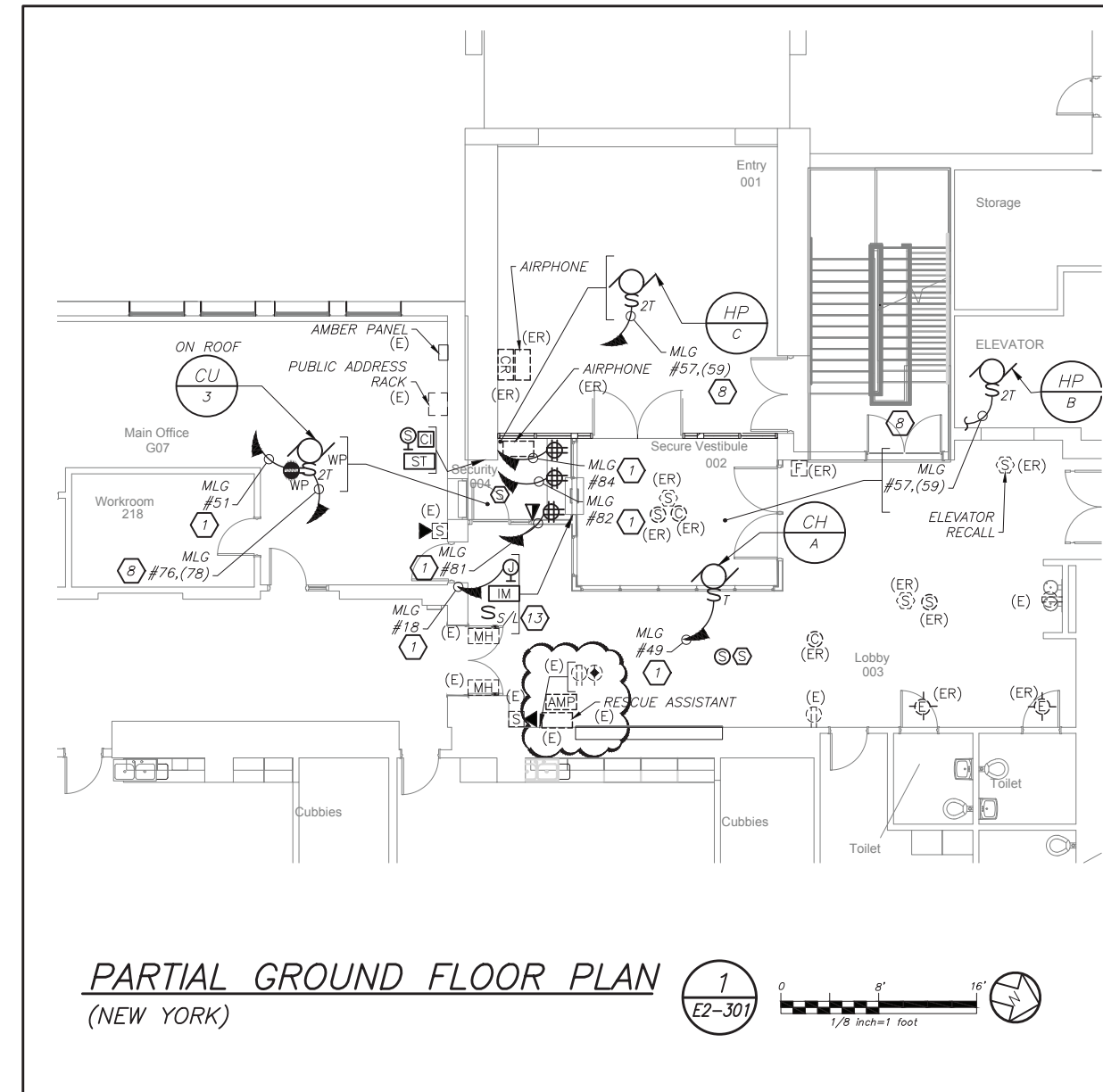
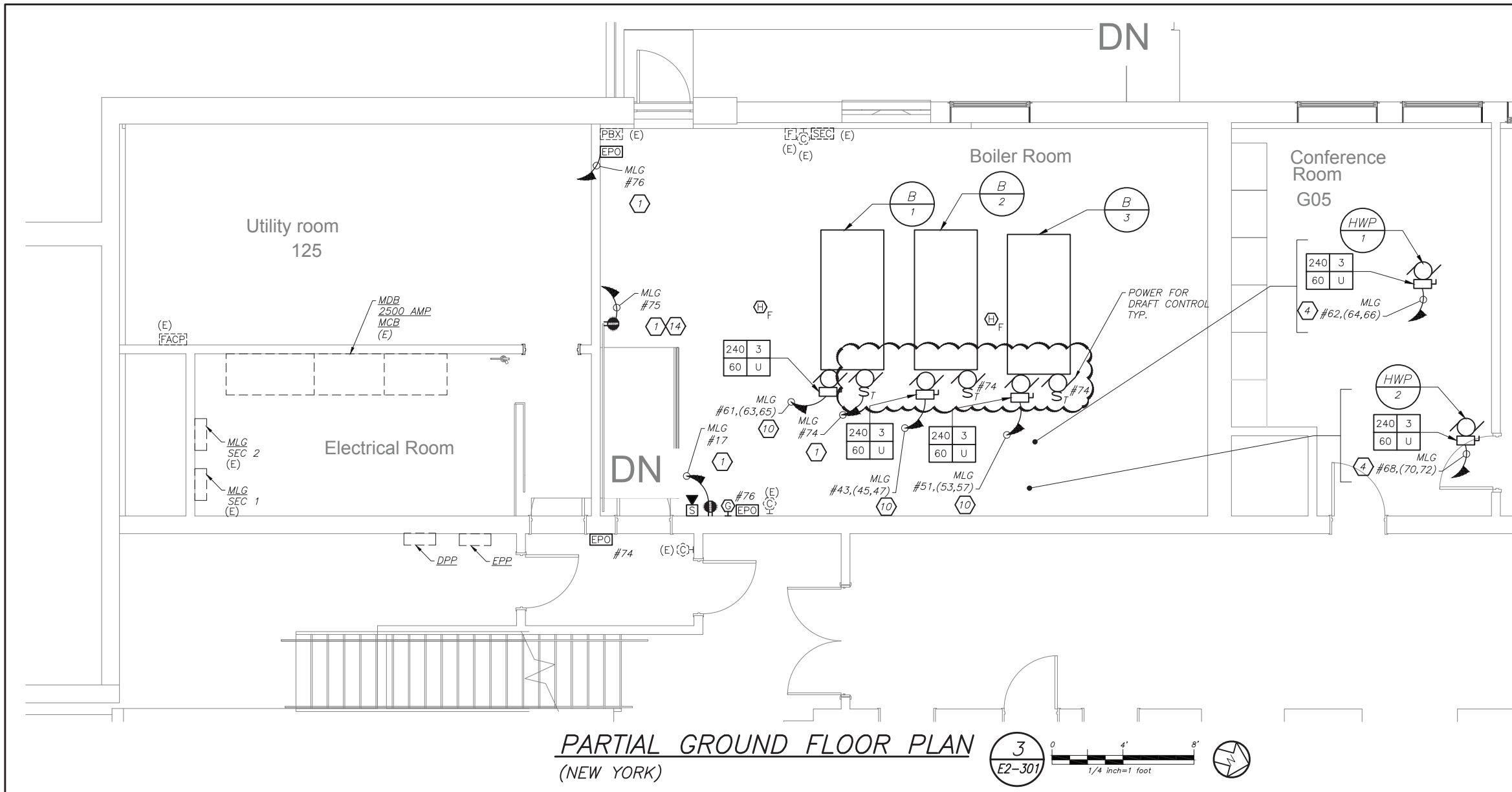
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SED#: 6618-0001-0002-015
PROJECT
Rye City Schools
555 Theodore Fremd Ave, Suite B-101
Milton Elementary School
12 Hewlett St. Rye, NY 10580

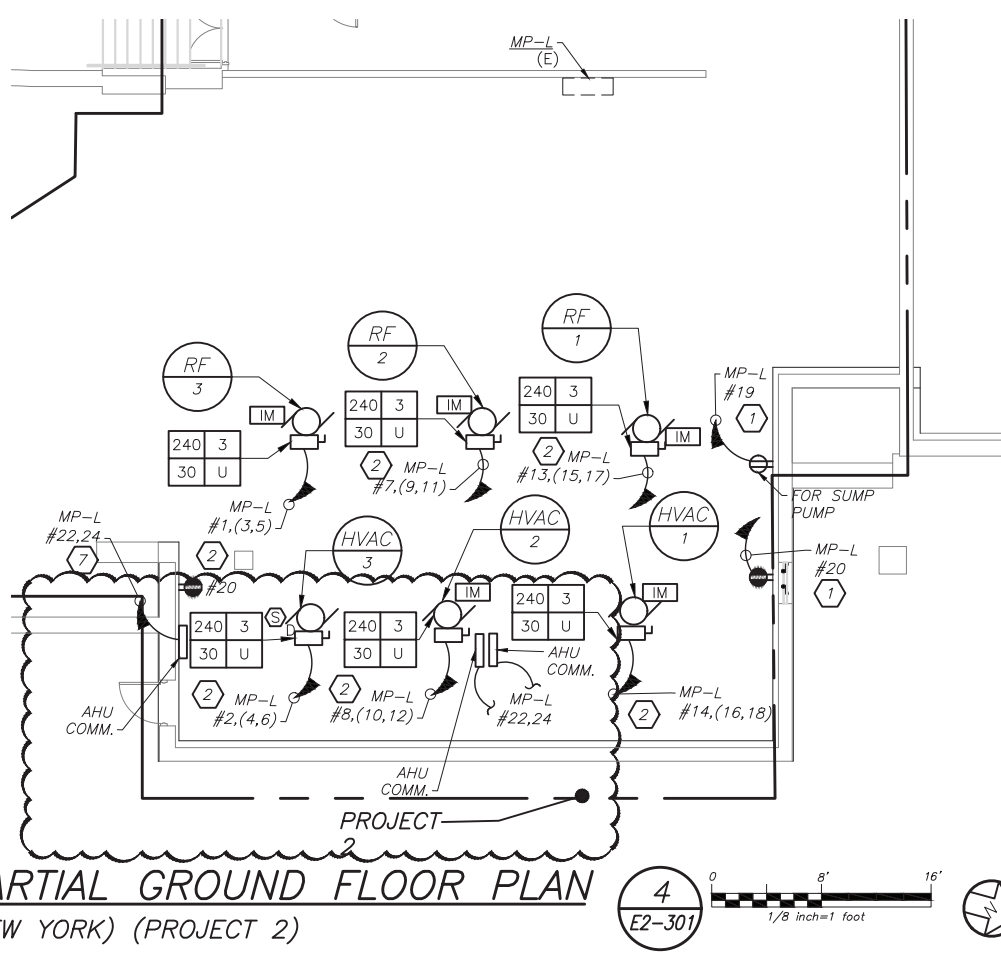
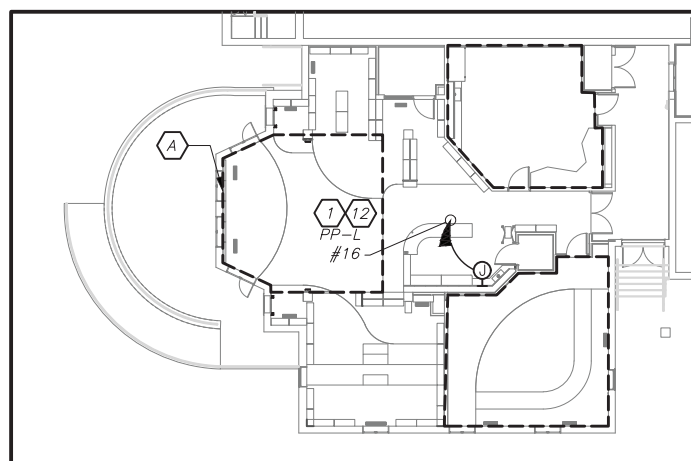
NEW ELECTRICAL LIGHTING PLAN
PROJECT 2,2C
SEAL & SIGNATURE DATE: 02/11/20
PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No: E2-201

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



TELE COIL WORK NOTES:

- Ⓢ ELECTRICAL CONTRACTOR SHALL SCORE THE FLOOR AND FURNISH AND INSTALL TELECOIL LOOP. REFER TO AV2 DRAWINGS FOR MORE DETAILS ON THE TOTAL SCOPE OF WORK INCLUDING 27000 SECTION OF SPECIFICATION.

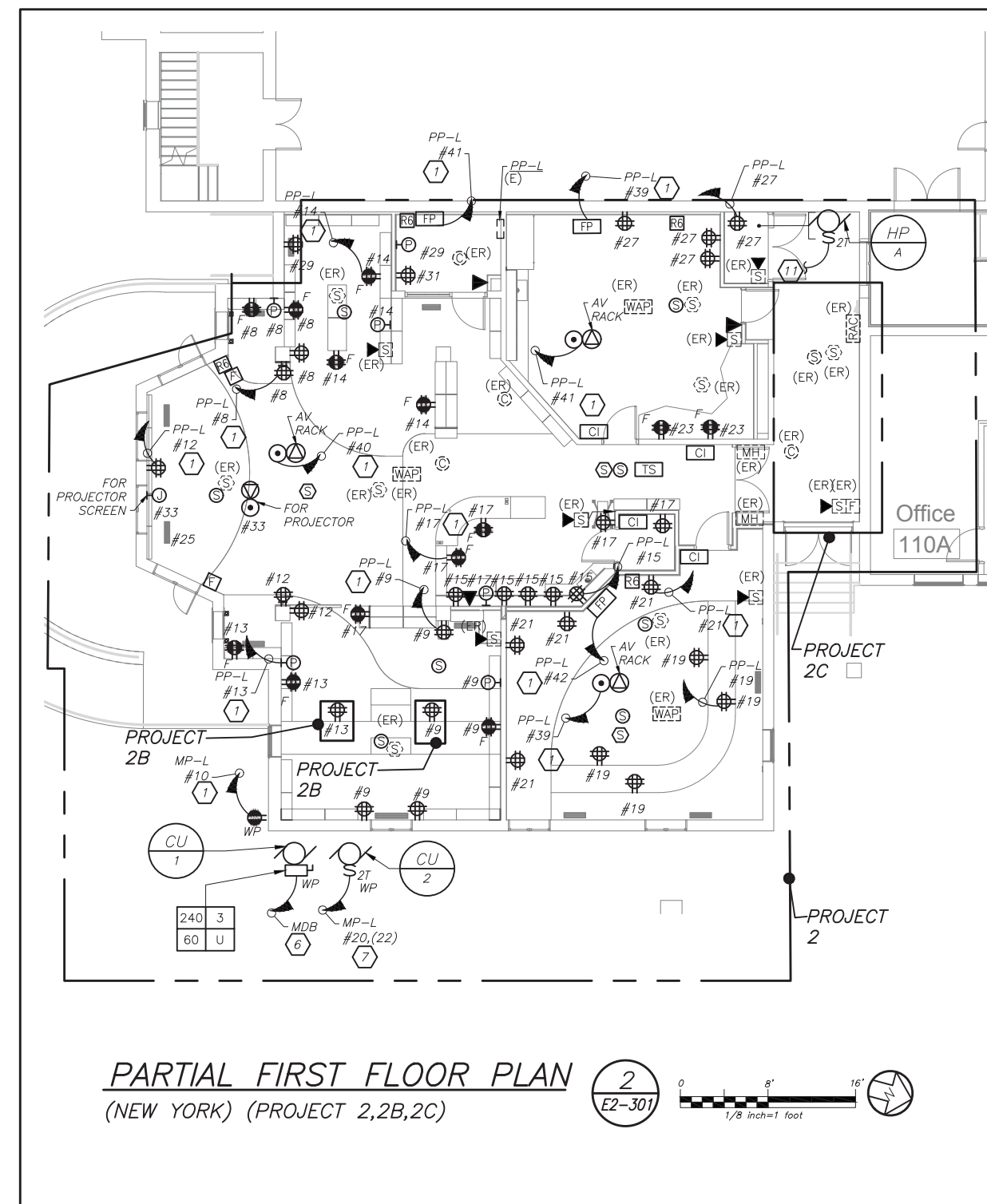


GENERAL NOTES:

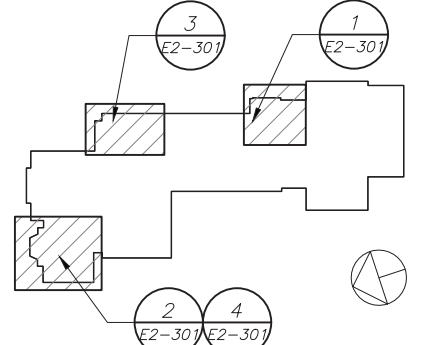
- COORDINATE ALL LIBRARY AV DEVICE LOCATIONS WITH AV CONTRACTOR BEFORE THE START OF ANY WORK.
- COORDINATE EXACT FINAL LOCATION OF ALL AV RELATED BOXES AND EQUIPMENT WITH AV2 DRAWING AND VENDOR BEFORE THE START OF ANYWORK. ELECTRICAL CONTRACTOR SHALL NOT START INSTALLATION UNTIL YOU THEY HAVE A SIGN OF FROM SCHOOL DISTRICT AND CONSTRUCTION MANAGER.

WORK NOTES:

- PROVIDE 2#12+1#12G IN 3/4" TO CIRCUIT AS INDICATED. PROVIDE 1P-20 AMP BREAKER. CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. WIRE TO CIRCUIT MADE SPARE BY DEMO WORK.
- PROVIDE 3#12+1#12G IN 3/4" TO CIRCUIT AS INDICATED. PROVIDE 3P-20 AMP BREAKER. CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. WIRE TO CIRCUIT MADE SPARE BY DEMO WORK.
- NOT USED
- PROVIDE 3#8+1#10G IN 3/4" TO PANEL AS INDICATED. PROVIDE 3P-40 AMP BREAKER. CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. WIRE TO CIRCUIT MADE SPARE BY DEMO WORK.
- NOT USED
- PROVIDE 3#6+1#10G IN 1" TO THE MAIN DISTRIBUTION BOARD IN THE MAIN ELECTRICAL ROOM. PROVIDE 3P-60 AMP BREAKER.
- PROVIDE 2#12+1#12G IN 3/4" TO PANEL AS INDICATED. PROVIDE 2P-20AMP BREAKER.
- PROVIDE 2#12+1#12G IN 3/4" TO CIRCUIT AS INDICATED. PROVIDE 1P-20 AMP BREAKER. CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. WIRE TO CIRCUIT MADE SPARE BY DEMO WORK.
- NOT USED
- PROVIDE 3#8+1#10G IN 3/4" TO CIRCUIT AS INDICATED. PROVIDE 3P-40 AMP BREAKER WITH A SHUNT TRIP. CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. WIRE TO CIRCUIT MADE SPARE BY DEMO WORK.
- PROVIDE POWER FOR INDOOR UNIT FROM CU-2 LOCATED ON GRADE. PROVIDE 2#12+1#12G IN 3/4 CONDUIT FOR CU-2 ON THE ROOM.
- PROVIDE POWER FOR TELE-COIL LOOP POWER SUPPLY.
- PROVIDE POWER FOR FIRE SHUTTERS, AND INTERCONNECT WITH RAISE AND LOWER SWITCH. FIRE SHUTTER SHALL BE INTERFACE WITH FIRE ALARM VIA INTERFACE MODULE AS SHOWN.
- PROVIDE RECEPTACLE OF CHEMICAL FILL. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR BEFORE THE START OF ANY WORK.



Revision Schedule		
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SED#: 6618-0001-0002-015

PROJECT

Rye City Schools
555 Theodore Fremd Ave., Suite B-101
Milton Elementary School

12 Hewlett St., Rye, NY 10580

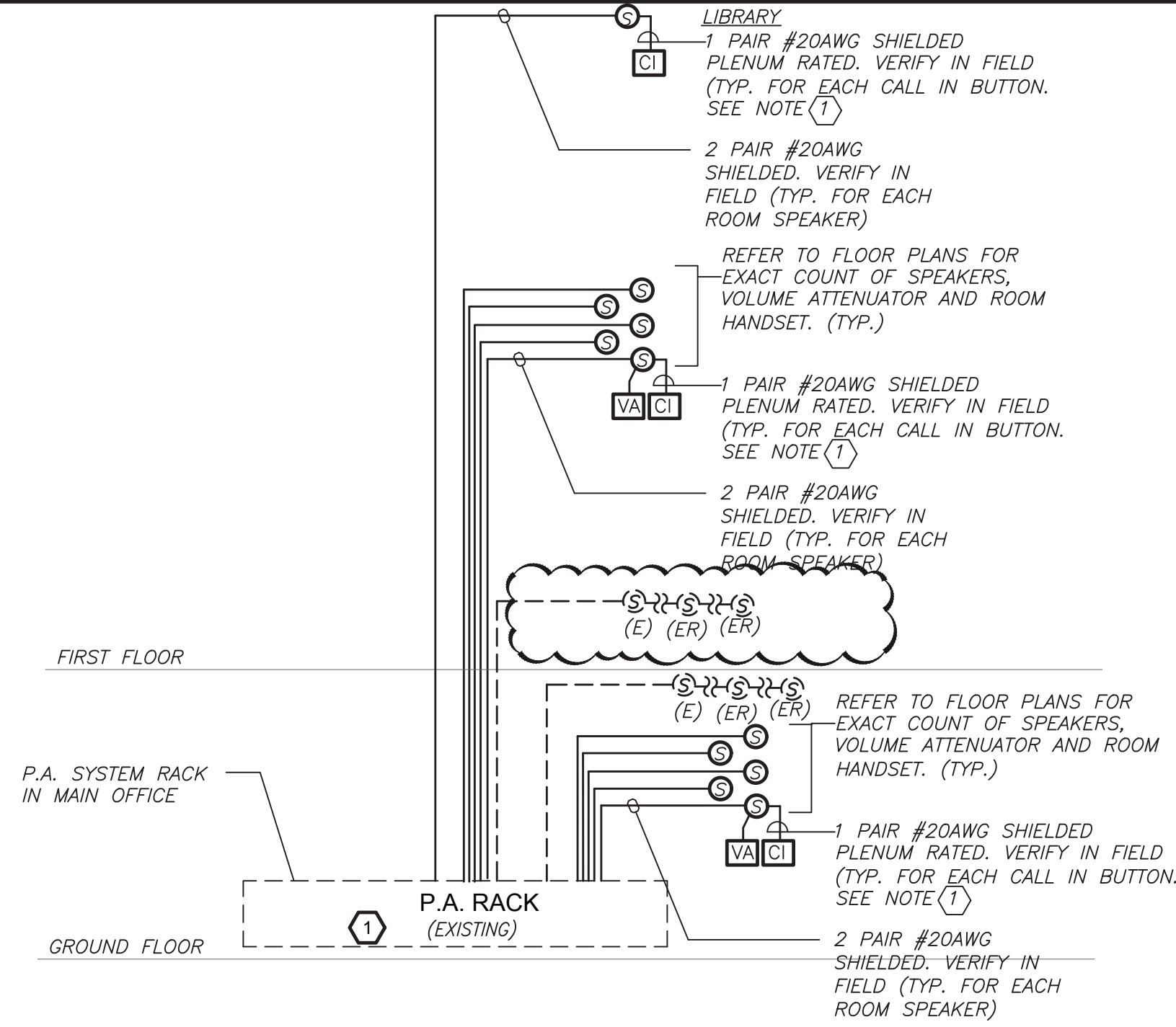
NEW ELECTRICAL POWER AND FIRE ALARM PLAN

PROJECT 2, 2A, 2B, 2C

SEAL & SIGNATURE	DATE
	02/11/20
	PROJECT No.: 9200
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No.: E2-301

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



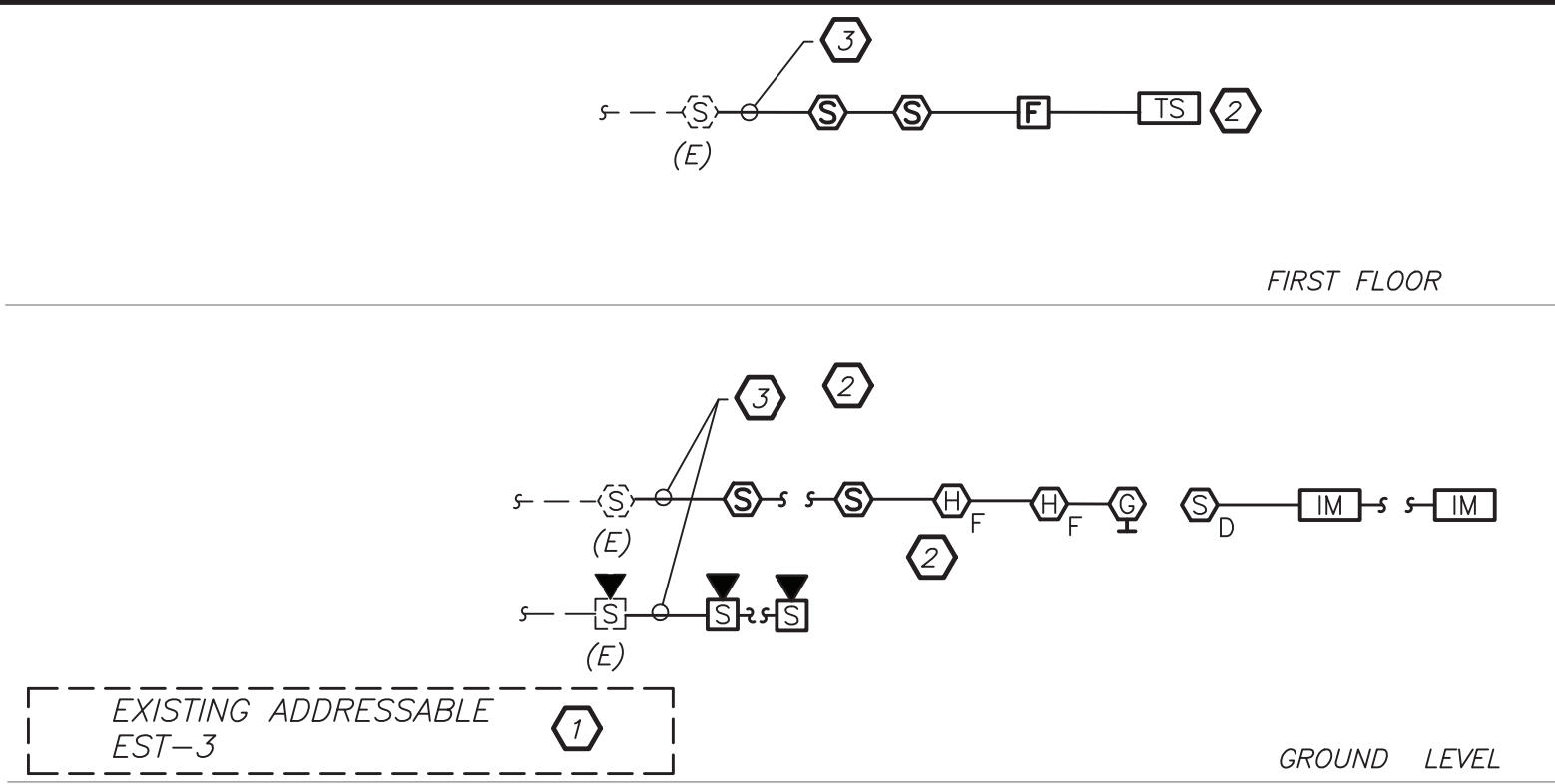
GENERAL NOTES:

1. VERIFY EXACT QUANTITY AND LOCATION OF DEVICES ON PLAN DRAWINGS.
2. WIRING TYPES ARE SHOWN FOR REFERENCE ONLY. VERIFY EXACT WIRING REQUIREMENTS WITH MANUFACTURER.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE PLENUM RATED WIRING AND RUN EXPOSED ABOVE ACCESSIBLE CEILING. IT SHALL BE RUN IN EMT CONDUIT WHERE EXPOSED, EXCEPT IN CORRIDORS AND OFFICES WIRING SHALL BE RUN IN STEEL SURFACE RACEWAY (SIMILAR TO WIREMOLD V-500 AND/OR V-700). WIRING SHALL ALSO BE RUN IN EMT FOR STUB-UPS IN CONCEALED WALLS.
4. SPEAKERS SHALL MATCH EXISTING TYPE. VERIFY WATTAGE TAP REQUIREMENTS IN FIELD.
5. ALL PROGRAMMING AND FINAL CONNECTIONS TO EXISTING P.A. SYSTEM SHALL BE BY SYSTEM MAINTENANCE CONTRACTOR. ALL COSTS ASSOCIATED WITH THIS SHALL BE BY ELECTRICAL CONTRACTOR.

WORK NOTES:

1. PROVIDE NEW SWITCH ZONE CARD, AMPLIFIER, ETC. AS REQUIRED FOR COMPLETE INSTALLATION. EXISTING SYSTEM IS DUKANE AND IS LOCATED IN MAIN OFFICE.

PARTIAL PUBLIC ADDRESS RISER DIAGRAM **2** **E2-501** **N.T.S.**



FIRE ALARM SYSTEM NOTES:

1. FIRE ALARM WIRING DIAGRAMS SHOWN ARE FOR GENERAL ARRANGEMENT ONLY. ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS AND OBTAIN POINT TO POINT WIRING DIAGRAM PRIOR TO INSTALLATION. VERIFY EXACT QUANTITY OF DEVICES WITH PLANS.
2. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED RELAYS, CONTACTS, ZONE BOARDS, ETC. FOR A COMPLETE AND FULLY FUNCTIONAL FIRE ALARM SYSTEM.
3. THE FIRE ALARM INSTALLATION SHALL COMPLY WITH STATE & LOCAL BUILDING CODES, NATIONAL ELECTRICAL CODE, THE AMERICANS WITH DISABILITIES ACT (ADA), AND NFPA 72, 101 AND 90A AND STATE EDUCATION DEPT.
4. PERMITS AND APPROVALS NECESSARY FOR INSTALLATION OF THE WORK SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF THE WORK. ALL PERMIT COSTS AND INSPECTION FEES SHALL BE INCLUDED AS PART OF THIS CONTRACT.
5. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AND PROTECT EXISTING FIRE ALARM SPEAKER SMOKE DETECTORS, AND OTHER FIRE ALARM SAFETY DEVICES IN OPERATION AT ALL TIMES. IF ANY PORTION OF FIRE ALARM SYSTEM IS DISABLED, NOTIFY BUILDING OWNER IMMEDIATELY.
6. UNLESS DIRECTED OTHERWISE BY FIRE ALARM MAINTENANCE VENDOR FIRE ALARM DEVICE WIRING SHALL BE AS FOLLOWS (FOR BIDDING PURPOSES ONLY):

- SPEAKER WIRING - #16 AWG TWISTED
- STROBE WIRING - #14 AWG TWISTED
- SIGNAL WIRING - #14 AWG TWISTED/SHIELDED

THE WIRING SHALL HAVE THE FOLLOWING CHARACTERISTICS:

- A. A MINIMUM TEMPERATURE RATING OF 150 C
- B. A MINIMUM AVERAGE INSULATION THICKNESS OF 15 MILS
- C. A MINIMUM AVERAGE JACKET THICKNESS OF 25 MILS
- D. THE COLOR OF THE CABLE SHALL BE RED
- E. THE CABLE SHALL BE A TYPE FPLP (PLENUM TYPE) WHEN CONDUIT IS USED.
- F. SEE NOTE 5 FOR ADDITIONAL CLARIFICATION.

THE CABLE SHALL BE VISIBLY MARKED EXTERNALLY THAT IT MEETS THE ABOVE REQUIREMENTS AND IS LISTED BY UL.

CONFIRM WIRING TYPE AND QUANTITY WITH FIRE ALARM SYSTEM MANUFACTURER PRIOR TO PURCHASING.

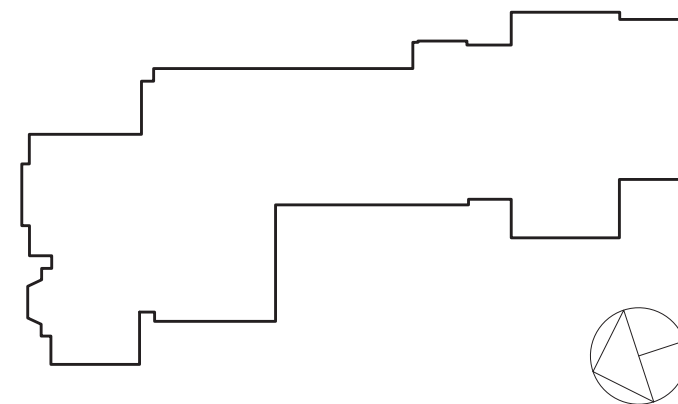
7. PROVIDE MC FIRE ALARM CABLE WITH RED STRIPE AS MANUFACTURED BY AFC SERIES 1800 WHEN CABLE IS CONCEALED OR ABOVE HUNG CEILING. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN FINISHED AREAS, CABLE SHALL RUN IN WIREMOLD V-700. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN UNFINISHED AREAS, PROVIDE PLENUM RATED CABLE IN MIN. 3/4" CONDUIT.
8. STROBES SHALL HAVE A MINIMUM LIGHT OUTPUT OF 75 CANDELA AND A FLASH RATE OF 1-3 HZ.
9. WALL MOUNTED SPEAKER/STROBE UNITS SHALL NOT HAVE ANY OTHER DEVICES OR APPURTENANCES WITHIN 5 FEET OF THE DEVICE. THE ENTIRE LENS OF THE UNIT SHALL NOT BE LESS THAN 80", AND NOT GREATER THAN 96" ABOVE FINISHED FLOOR, WHILE MAINTAINING 6" BELOW THE CEILING. DEVICES SHALL BE FLUSH MOUNTED IN ALL FINISHED AREAS. PROVIDE DOUBLE DEEP DEVICE BOX IN WALL.
10. AFTER THE SYSTEM IS COMPLETE, TEST ALL COMPONENTS IN ACCORDANCE WITH SEQUENCE OF OPERATION PRIOR TO FIRE DEPARTMENT INSPECTION.
11. COORDINATE F.A. WORK WITH F.A. VENDOR.
12. VERIFY EXACT QUANTITIES OF FIRE ALARM DEVICES WITH PLANS.
13. ALL DEVICES SHALL BE SUPERVISED AS PER N.E.P.A. 72. PROVIDE END OF LINE RESISTORS AS REQUIRED PER INDIVIDUAL MANUFACTURER. PROVIDE LOAD RELAYS AS REQUIRED FOR PROPER OPERATION OF EQUIPMENT.
14. THIS CONTRACTOR IS RESPONSIBLE FOR ALL PROGRAMMING AND MAPPING OF EACH DEVICE AS REQUIRED.

FIRE ALARM RISER WORK NOTES:

1. PROVIDE ALL NECESSARY EXPANSION COMPONENTS (LOOP CARDS, ETC.) BOOSTER POWER SUPPLIES, REMOTE BOOSTER POWER SUPPLIES, PROGRAMMING, UPDATE DATA BASE, TESTING, ETC. PANEL IS LOCATED IN THE ELECTRICAL ROOM ON THE LOWER LEVEL.
2. PROVIDE DEVICE ADDRESS WITH A PERMANENT TYPE LABEL FOR ALL INITIATING DEVICES.
3. CONNECT TO EXISTING LOOP

FIRE ALARM RISER DIAGRAM **1** **E2-501** **N.T.S.**

Revision Schedule		
No.	Description	Date
1	SED Submission	09/15/2020
2	SED Submission Addendum#1	01/08/2021
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	01/29/2021



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SED#: 6618-0001-0002-015

PROJECT

Rye City Schools

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Milton Elementary School

12 Hewlett St. Rye, NY 10580

ELECTRICAL RISERS

SEAL & SIGNATURE	DATE:	02/11/20
	PROJECT No:	9200
	DRAWING BY:	BGA
	CHK BY:	BGA
	DWG No:	E2-501

SED #: 66180001-0005-032

LEVEL TAG[illegible]

	DWG NO. T2-001
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KEY	BOTANIC NAME	COMMON NAME	QUANT.	SIZE	REMARKS
TREES					
GB	GINKGO BILOBA 'FASTIGIATA BLAGON' GOLDSPIRE	GOLDSPIRE COLUMNAR GINKGO	2	6' - 7' TALL	B&B, FULL BRANCHING, MATCHED
SHRUBS					
TM	TAXUS X MEDIA DENSIFORMIS	DENSE SPREADING YEW	14	3 GAL.	CONTAINER

- [illegible]

[illegible]

1 SITE PLAN - M
SCALE: BAR SCALE

1 LAYOUT LINE 1 - CENTERLINE OF EXISTING DOORS/STEPS EXTENDED OUTWARD AT 90 DEGREES FROM THE FRONT BUILDING FACADE.

2 BOLLARD PLACEMENT NEAR EXISTING CURBS SHOULD PRECLUDE VEHICULAR ACCESS. SPACE ACCORDINGLY.

PATCH ASPHALT - NEAT,
STRAIGHT, FLUSH JOINTS

REMOVABLE
BOLLARD, TYP


view 'A'

3 SITE PLAN - L
SCALE: BAR SCALE

[illegible]

4 SITE PLAN - C
SCALE: BAR SCALE

2 SITE PLAN - C
SCALE: BAR SCALE

Revision Schedule		
No.	Description	Date
	ISSUED FOR BID	2021/01/19
	MS COURTYARD STEPS / BID ADDENDUM #1	2021/01/28



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978-443-7871

SED #: 6618-0001-0005-032

PROJECT
Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

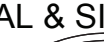
Rye High School & Middle
School

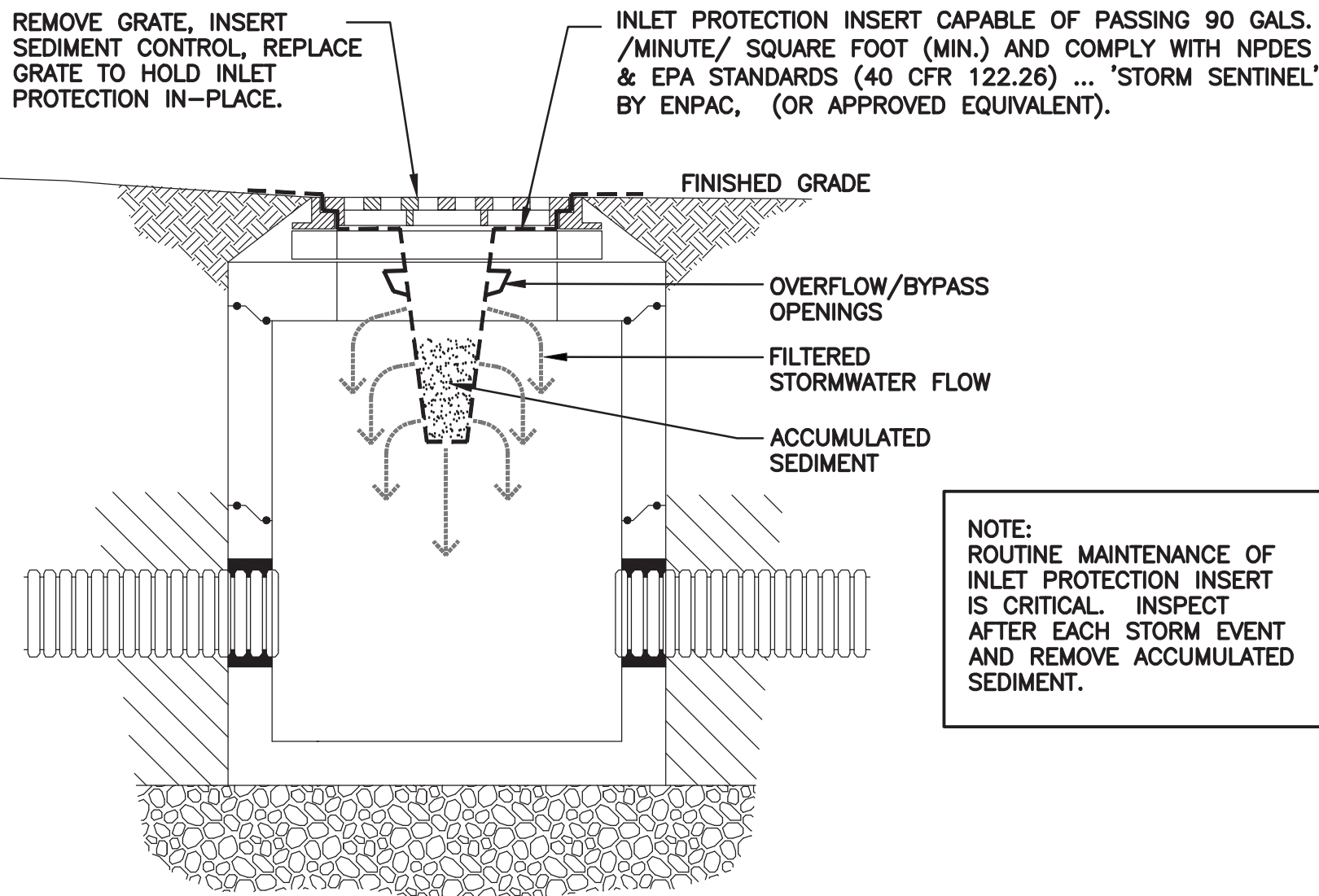
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL ENTRANCE

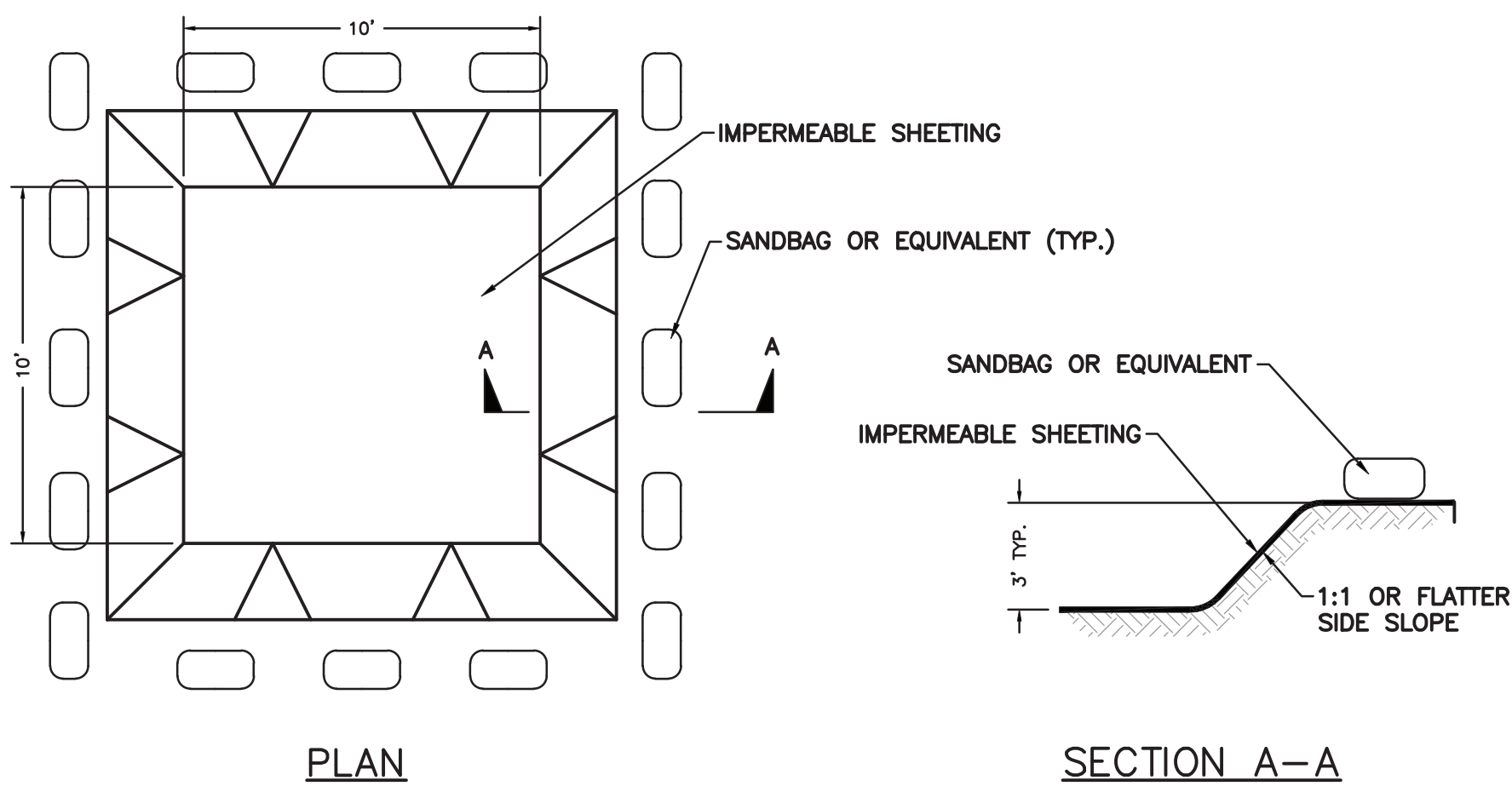
SITEPLAN

PROJECT 1

SEAL & SIGNATURE	DATE: 11/07/19
	PROJECT No: 9200
	DRAWING BY: KSK
	CHK BY: JFB
	DWG No: C2-002



1 **STORM INLET PROTECTION DETAIL**
SCALE: N.T.S.



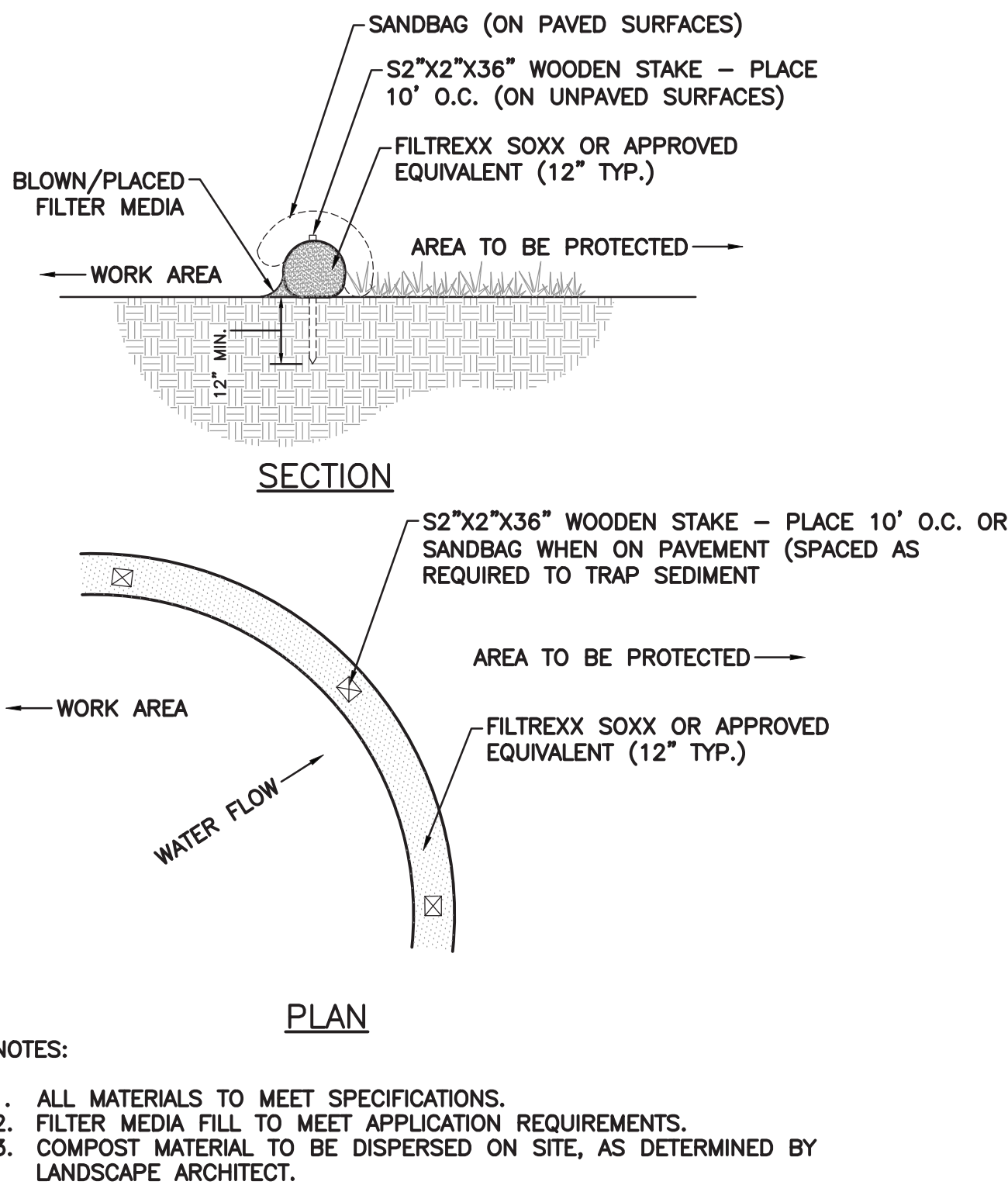
3 **CONCRETE WASH OUT DETAIL**
SCALE: N.T.S.

GENERAL MAINTENANCE PLAN:

- ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK, IN ACCORDANCE WITH THE SWPPP AND NYSDEC SPDES GENERAL PERMIT NO. GP-0-15-002. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
- SEDIMENT WILL BE REMOVED FROM BEHIND STRAW BALE DIKES AND BEHIND SILT FENCES WHEN IT BECOMES 6" DEEP AT THE DIKE/FENCE OR WHEN ACCUMULATIONS HAVE ADVERSELY AFFECTED ITS FUNCTION. STRAW BALE DIKES AND SITE FENCES WILL BE REPAIRED BY REMOVING SILT AND SEDIMENTS AND THEN TAMPING LOOSE SOIL ALONG BASE, REPLACING DAMAGED OR WEAKENED POSTS AND STAKES, OR AS NECESSARY TO MAINTAIN A BARRIER.
- SEDIMENT WILL BE REMOVED AND FILTER DEVICES CLEANED OR REPLACED AT CATCH BASINS WHEN THE SEDIMENT POOL NO LONGER DRAINS FREELY. SEDIMENT ACCUMULATIONS WITHIN DRAINAGE STRUCTURES AND PIPING SHALL BE CLEANED OUT AT THE PROJECT COMPLETION AND AS ORDERED BY ENGINEER WHEN DETERMINED THAT PRE-COMPLETION INSTALLATIONS NO LONGER FUNCTION PROPERLY DUE TO SEDIMENT OR DEBRIS. EVENTUAL SYSTEM CLEANING IS NOT AN EXCUSE TO NOT IMPLEMENT APPROPRIATE CONTROLS UPSTREAM. THE ENGINEER SHALL BE THE FINAL JUDGE REGARDING WHETHER THE PIPING SYSTEM REQUIRES CLEANING. THE CONTRACTOR CAN MINIMIZE THE NECESSITY OF EXTENSIVE SILT AND SEDIMENT ACCUMULATION REMOVALS BY EFFECTIVE IMPLEMENTATION OF THE SWPPP.
- ALL DISTURBED AREAS WILL BE FERTILIZED, SEEDED AND MULCHED ACCORDING TO LANDSCAPE RESTORATION SPECIFICATIONS TO MAINTAIN VIGOROUS, DENSE VEGETATION. REPAIR ANY ERODED SLOPES, REAPPLY TOPSOIL, RESEED AND STABILIZE REPAIR AREA AS REQUIRED FOR PERMANENT OR TEMPORARY MEANS. REPAIR SOIL AREAS DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
- IMMEDIATELY REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION EQUIPMENT, MAINTENANCE OR OTHER ACTIVITY TO ANY EROSION CONTROL MEASURE, OR BEST MANAGEMENT PRACTICE OR DEVICE.
- THE PRIME CONTRACTOR(S) ARE RESPONSIBLE FOR THE PERFORMANCE AND COMPLIANCE OF THEIR SUB-CONTRACTOR'S ACTIVITIES RELATING TO THE SWPPP. THEY SHALL MAKE FREQUENT INSPECTIONS OF THEIR WORK AND COORDINATE APPROPRIATE INSTALLATION AND MAINTENANCE OF EROSION CONTROL AND WATER QUALITY DEVICES.
- EMPLOY POLLUTION PREVENTION MEASURES TO CONTROL LITTER, CONSTRUCTION CHEMICALS, SEDIMENT AND CONSTRUCTION DEBRIS INCLUDING, BUT NOT LIMITED, TO THE FOLLOWING: SALVAGE AND REUSE OF MATERIALS, MINIMIZING PACKAGING WASTE, RECYCLING, PROPER DISPOSAL AT FREQUENT INTERVALS IN ACCORDANCE WITH PREVAILING LAWS, ONSITE INSTRUCTION REGARDING APPROPRIATE SEPARATION/HANDLING/RECYCLING, PERIODIC DEBRIS REMOVAL AT DRAINAGE STRUCTURES (GRATES AND SUMPS)/SEDIMENT TRAPS/FOREBAY AND OTHER BMP'S, PROPER MAINTENANCE OF SEDIMENT/EROSION CONTROL SYSTEMS, ROUTINE AND EVENT RELATED INSPECTIONS OF DRAINAGE AND BMP SYSTEMS PER PERMIT REQUIREMENTS, PROVIDE APPROPRIATE SANITARY FACILITIES FOR ONSITE PERSONNEL, PICK UP TRASH AND DEBRIS FREQUENTLY AND USE WATER MIST, CALCIUM CHLORIDE OR OTHER LEGAL MEANS TO LIMIT THE SPREAD OF DUST AND SOIL PARTICLES.

7 **MAINTENANCE PLAN - EROSION & SEDIMENT CONTROL**
SCALE: N.T.S.

8 **SILT SOCK DETAIL**
SCALE: N.T.S.



PAVING SCHEDULE

KEY	TYPE	SECTION: N.T.S.
a	CONCRETE	
b	LIGHT DUTY ASPHALTIC CONCRETE (SIDEWALK)	
c	HEAVY DUTY ASPHALTIC CONCRETE (ROADWAY)	

2 **PAVING SCHEDULE**
SCALE: N.T.S.

PROTECTION OF TREES:

PROTECT EXISTING TREES WHICH ARE TO REMAIN AND WHICH MAY BE INJURED, BRUISED, DEFACED, OR OTHERWISE DAMAGED BY CONSTRUCTION OPERATIONS, UTILIZING STANDARD TREE PROTECTION CRITERIA INCLUDING:

- INSTALLATION OF SAFETY ORANGE PLASTIC FENCING (MINIMUM 4' IN HEIGHT) AROUND INDIVIDUAL TREES DESIGNATED FOR PROTECTION. FENCING SHALL BE INSTALLED AT THE OUTWARD LIMIT OF THE TREE'S DRIPLINE OR EXTENT OF CANOPY COVER.
- INSTALLATION OF SAFETY ORANGE PLASTIC FENCING (MINIMUM 4' IN HEIGHT) AROUND GROUPS OF TREES DESIGNATED FOR PROTECTION.
- TREE AND/OR SHRUB BRANCHES IN THE WAY OF EQUIPMENT SHALL BE TRIMMED ACCORDING TO PROFESSIONAL HORTICULTURAL STANDARDS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR AND SUB-CONTRACTORS USE EQUIPMENT TO DEMOLISH BRANCHES AS WORK PROCEEDS.

REQUIRED FENCING SHALL BE INSTALLED PRIOR TO THE INITIATION OF LAND DISTURBING ACTIVITIES AND SHALL BE REMOVED AT THE CONCLUSION OF CONSTRUCTION. REMOVE DISPLACED ROCKS FROM UNCLEARED AREAS. BY APPROVED EXCAVATION, REMOVE TREES WITH 30 PERCENT OR MORE OF THEIR ROOT SYSTEMS DESTROYED. REMOVAL OF TREES AND THE PROCEDURE FOR REMOVAL REQUIRES APPROVAL OF THE OWNER OR LANDSCAPE ARCHITECT. TREES DESIGNATED FOR REMOVAL SHALL BE REMOVED IN A MANNER THAT WILL NOT IMPACT ADJACENT TREES.

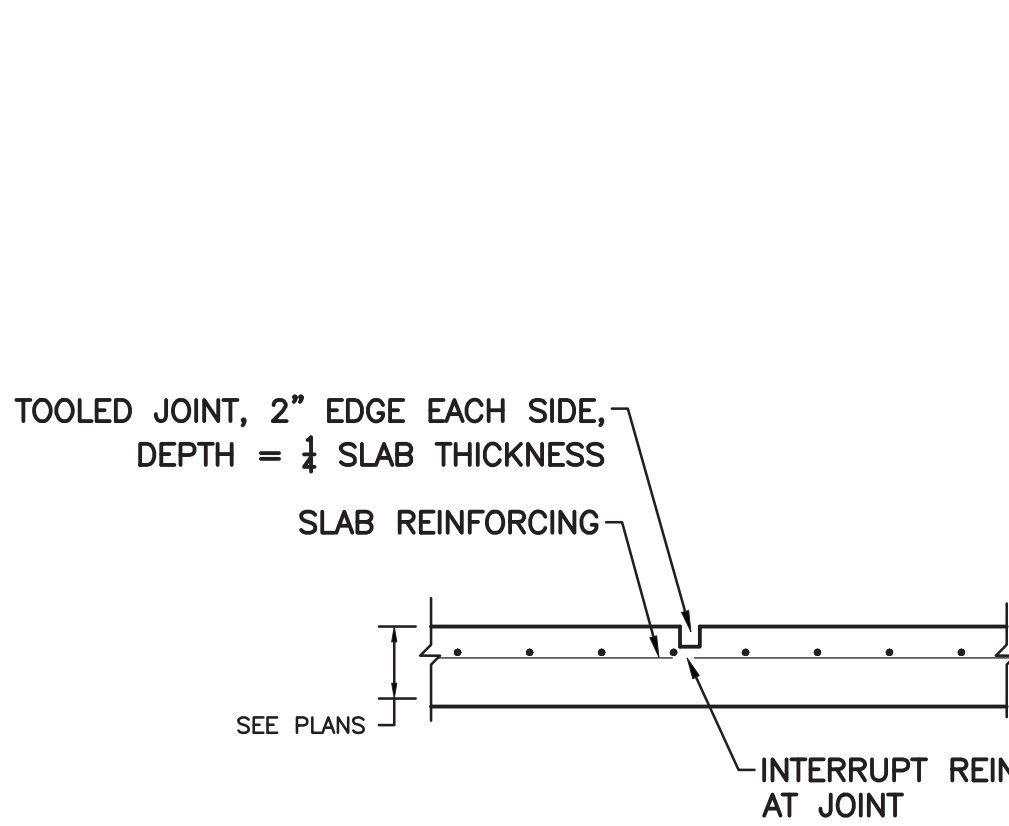
LANDSCAPE REPLACEMENT:

REMOVE TREES AND OTHER LANDSCAPE FEATURES SCARRED OR DAMAGED BY EQUIPMENT OPERATIONS, AND REPLACE WITH EQUIVALENT, UNDAUNTED TREES AND LANDSCAPE FEATURES. OBTAIN OWNER'S OR LANDSCAPE ARCHITECT'S APPROVAL BEFORE REPLACEMENT. REPLACEMENT OF TREES SHALL OCCUR ON A ONE-TO-ONE BASIS, UNLESS OTHERWISE NOTED.

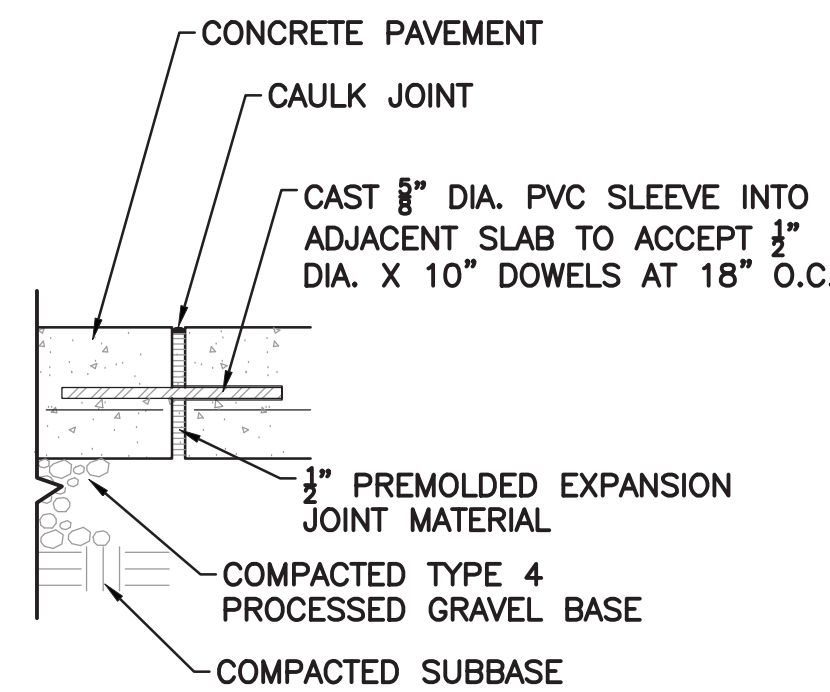
4 **PROTECTION OF TREES PLAN**
SCALE: N.T.S.

NOTES:

- EXCAVATE TO INDICATED ELEVATIONS AND DIMENSIONS WITHIN A TOLERANCE OF PLUS OR MINUS 1 INCH. EXTEND EXCAVATIONS A SUFFICIENT DISTANCE FROM STRUCTURES FOR PLACING AND REMOVING CONCRETE FORM WORK, FOR INSTALLING SERVICES AND OTHER CONSTRUCTION, AND FOR INSPECTIONS.
- EXCAVATE TRENCHES TO INDICATED GRADIENTS, LINES, DEPTHS, AND ELEVATIONS TO ALLOW INSTALLATION OF PIPE TO THE DEPTHS INDICATED.
- PROOF ROLL SUBGRADE WITH A 10-TON VIBRATORY ROLLER TO IDENTIFY SOFT POCKETS AND AREAS OF EXCESS YIELDING. SOFT POCKETS SHOULD BE EXCAVATED AND BACKFILLED WITH CONTROLLED FILL MATERIAL. DO NOT PROOF ROLL WET OR SATURATED SUBGRADES. CONTRACTOR SHALL RECONSTRUCT SUBGRADES DAMAGED BY FREEZING TEMPERATURES, FROST, RAIN, ACCUMULATED WATER, OR CONSTRUCTION ACTIVITIES, AS DIRECTED BY THE LANDSCAPE ARCHITECT AT NO COST TO THE OWNER.
- THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR ESTABLISHING THE GRADES INDICATED WITHIN THE TOLERANCE INDICATED FOR THE ESTABLISHMENT OF SUBGRADE.
- UNIFORMLY MOISTEN OR AERATE SUBGRADE AND EACH SUBSEQUENT FILL OR BACKFILL LAYER BEFORE COMPACTION TO WITHIN 2 PERCENT OF OPTIMUM MOISTURE CONTENT. DO NOT PLACE BACKFILL OR FILL MATERIAL ON SURFACES THAT ARE MUDDY, FROZEN, OR CONTAIN FROST OR ICE. REMOVE AND REPLACE, OR SCARIFY AND AIR-DRY, OTHERWISE SATISFACTORY SOIL MATERIAL THAT EXCEEDS OPTIMUM MOISTURE CONTENT BY 2 PERCENT AND IS TOO WET TO COMPACT TO SPECIFIED DRY UNIT WEIGHT.
- PLACE BACKFILL AND FILL MATERIALS IN LAYERS NOT MORE THAN 12 INCHES IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN 4 INCHES IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND-OPERATED TEMPERERS. PLACE BACKFILL AND FILL MATERIALS EVENLY ON ALL SIDES OF STRUCTURES TO REQUIRED ELEVATIONS, AND UNIFORMLY ALONG THE FULL LENGTH OF EACH STRUCTURE.
- COMPACT SOIL TO NOT LESS THAN THE FOLLOWING PERCENTAGES OF MAXIMUM DRY UNIT WEIGHT ACCORDING TO ASTM D-1557. UNDER STRUCTURES, BUILDING SLABS, STEPS, AND PAVEMENTS, SCARIFY AND RECOMPACT TOP 12 INCHES OF EXISTING SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL AT 95 PERCENT. UNDER WALKWAYS, SCARIFY AND RECOMPACT TOP 6 INCHES BELOW SUBGRADE AND COMPACT EACH LAYER OF BACKFILL OR FILL MATERIAL AT 95 PERCENT. UNDER LAWN OR UNPAVED AREAS, SCARIFY AND RECOMPACT TOP 6 INCHES BELOW SUBGRADE AND COMPACT EACH LATER OF BACKFILL OR FILL MATERIAL AT A MINIMUM OF 85 PERCENT AND MAXIMUM OF 90 PERCENT.
- GENERAL GRADING: UNIFORMLY GRADE AREAS TO A SMOOTH SURFACE, FREE FROM IRREGULAR SURFACE CHANGES. COMPLY WITH COMPACTION REQUIREMENTS AND GRADE TO CROSS SECTIONS, LINES AND ELEVATIONS INDICATED. PROVIDE A SMOOTH TRANSITION BETWEEN ADJACENT EXISTING GRADES AND NEW GRADES. CUT OUT SOFT SPOTS, FILL LOW SPOTS, AND TRIM HIGH SPOTS TO COMPLY WITH REQUIRED SURFACE TOLERANCES.
- DRAINAGE: PLACE A LAYER OF DRAINAGE FABRIC AROUND PERIMETER OF DRAINAGE TRENCH AS INDICATED. PLACE A 6-INCH COURSE OF FILTER MATERIAL ON DRAINAGE FABRIC TO SUPPORT DRAINAGE PIPE. ENCASE DRAINAGE PIPE IN A MINIMUM OF 12 INCHES OF FILTER MATERIAL AND WRAP IN DRAINAGE FABRIC, OVERLAPPING SIDES AND ENDS AT LEAST 6 INCHES. (PERIMETER DRAIN SHALL BE AS INDICATED ON PLANS.) COMPACT EACH COURSE OF FILTER MATERIAL TO 95 PERCENT OF MAXIMUM DRY UNIT WEIGHT ACCORDING TO ASTM D 698.
- DRAINAGE BACKFILL: PLACE AND COMPACT FILTER MATERIAL OVER SUBSURFACE DRAIN, TO WIDTH INDICATED, TO WITHIN 12 INCHES OF FINAL SUBGRADE. OVERLAY DRAINAGE BACKFILL WITH ONE LAYER OF DRAINAGE FABRIC, OVERLAPPING SIDES AND ENDS AT LEAST 6 INCHES. COMPACT EACH COURSE OF FILTER MATERIAL TO 95 PERCENT OF MAXIMUM DRY DENSITY ACCORDING TO ASTM 698. PLACE AND COMPACT IMPERVIOUS FILL MATERIAL OVER DRAINAGE BACKFILL TO FINAL SUBGRADE.
- NYSOT SPECIFICATION 610.1000015 LANDSCAPE DEVELOPMENT SHALL BE USED FOR CONSTRUCTION WITHIN STATE HIGHWAY BOUNDARY AND WITHIN 20' OF DRIVEWAY OPENINGS.

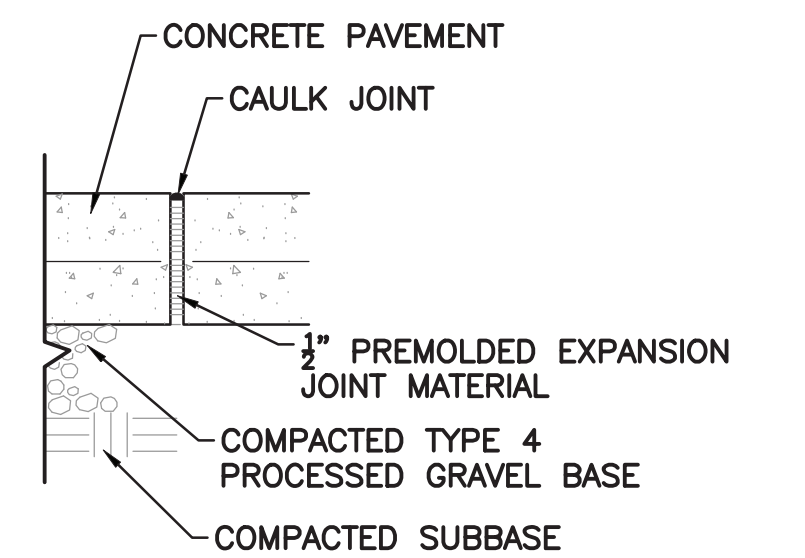


5 **CONCRETE CONTROL JOINTS**
SCALE: N.T.S.

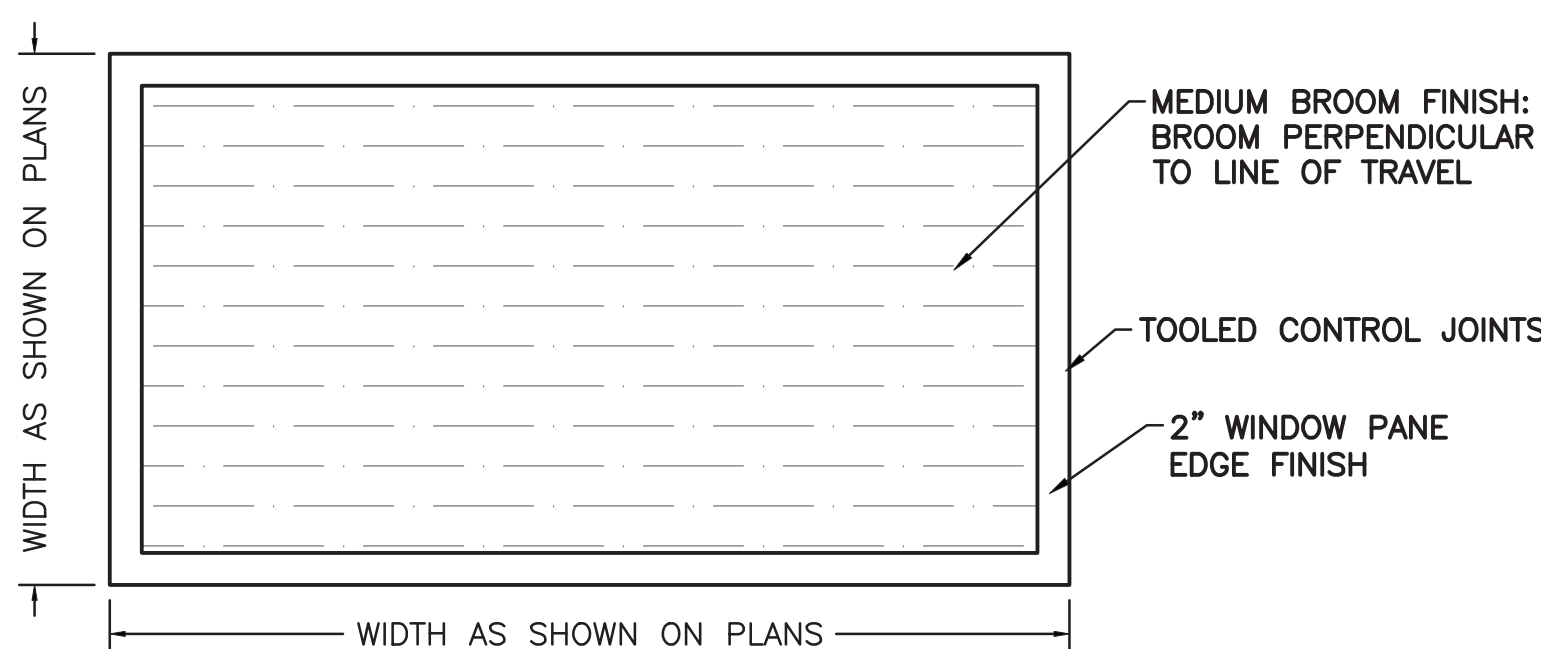


TYPICAL EXPANSION JOINT IN WALKS AND SLABS (ONLY WHERE IDENTIFIED ON PLANS)

6 **CONCRETE EXPANSION JOINTS**
SCALE: N.T.S.



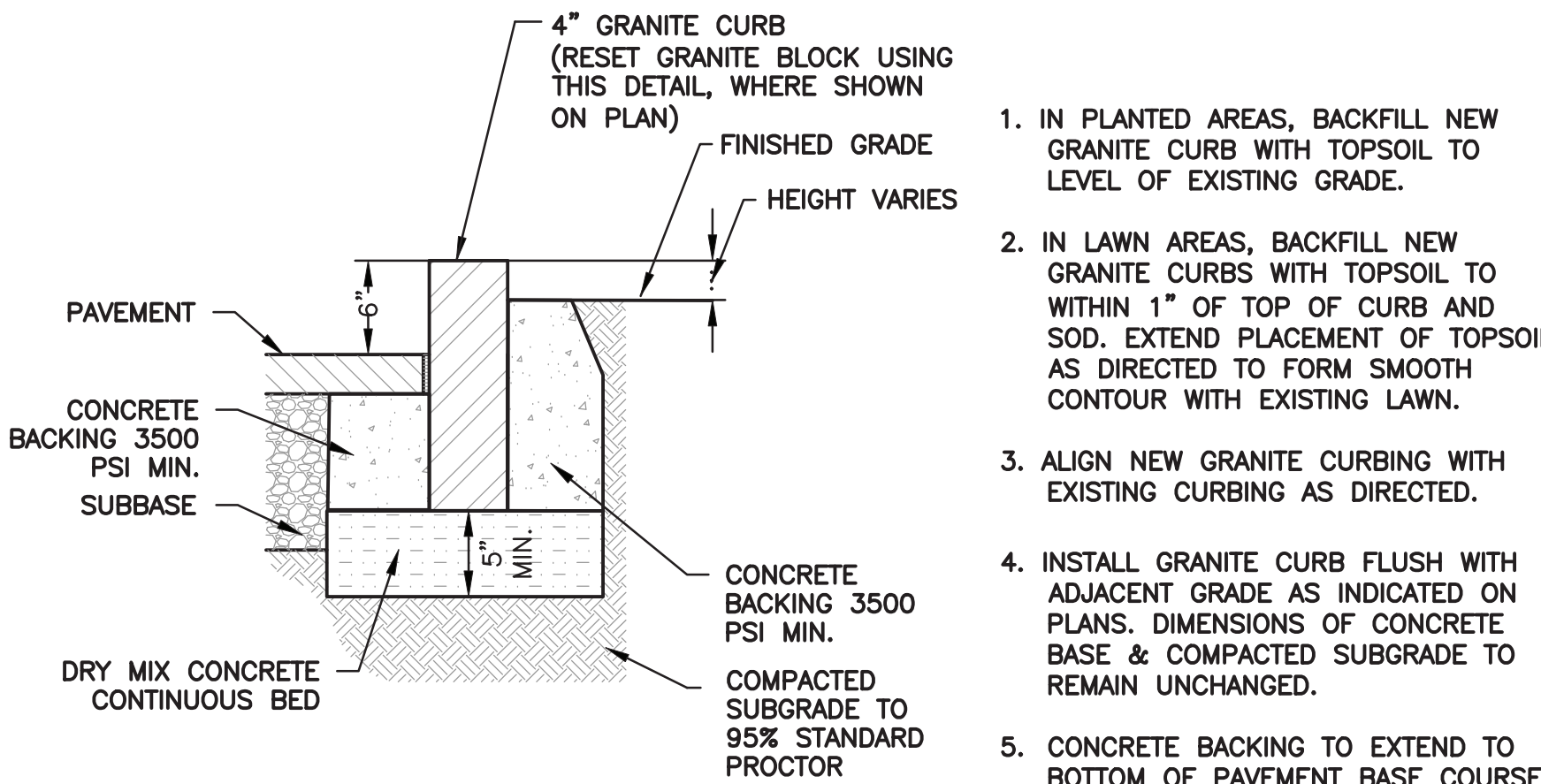
TYPICAL EXPANSION JOINT IN WALKS AND SLABS



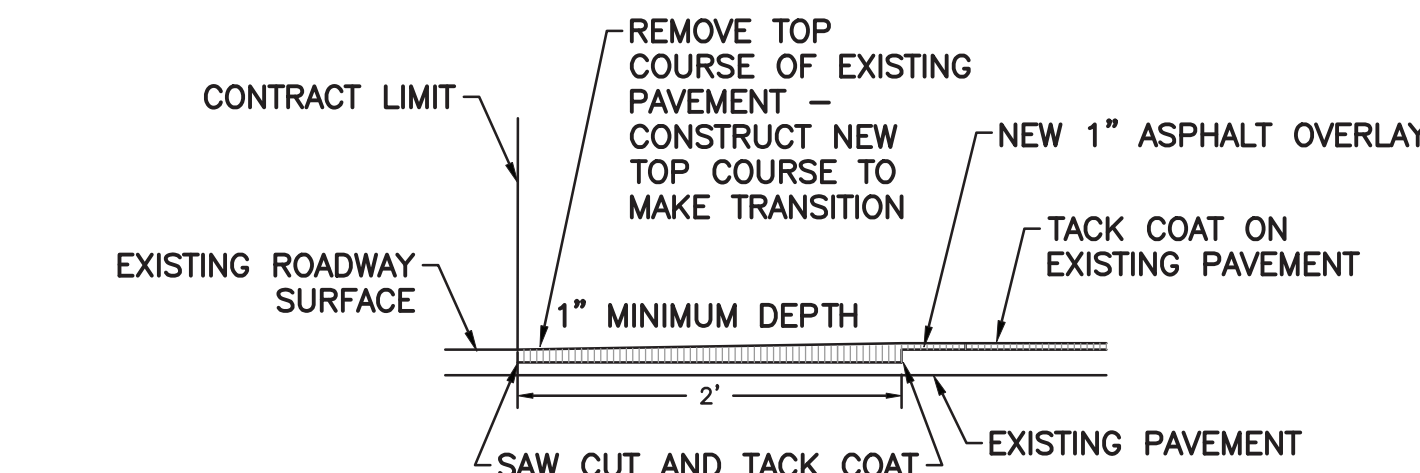
NOTES:

- SEE PLANS FOR LOCATION AND TYPE OF SCORE JOINTS.
- BROOM PERPENDICULAR TO LINE OF TRAVEL.
- 2" WINDOW PANE EDGE FINISH.
- DOUBLE COAT OF PENETRA-SIL 244" SEALER TO BE APPLIED TO ALL NEW CONCRETE SURFACES.

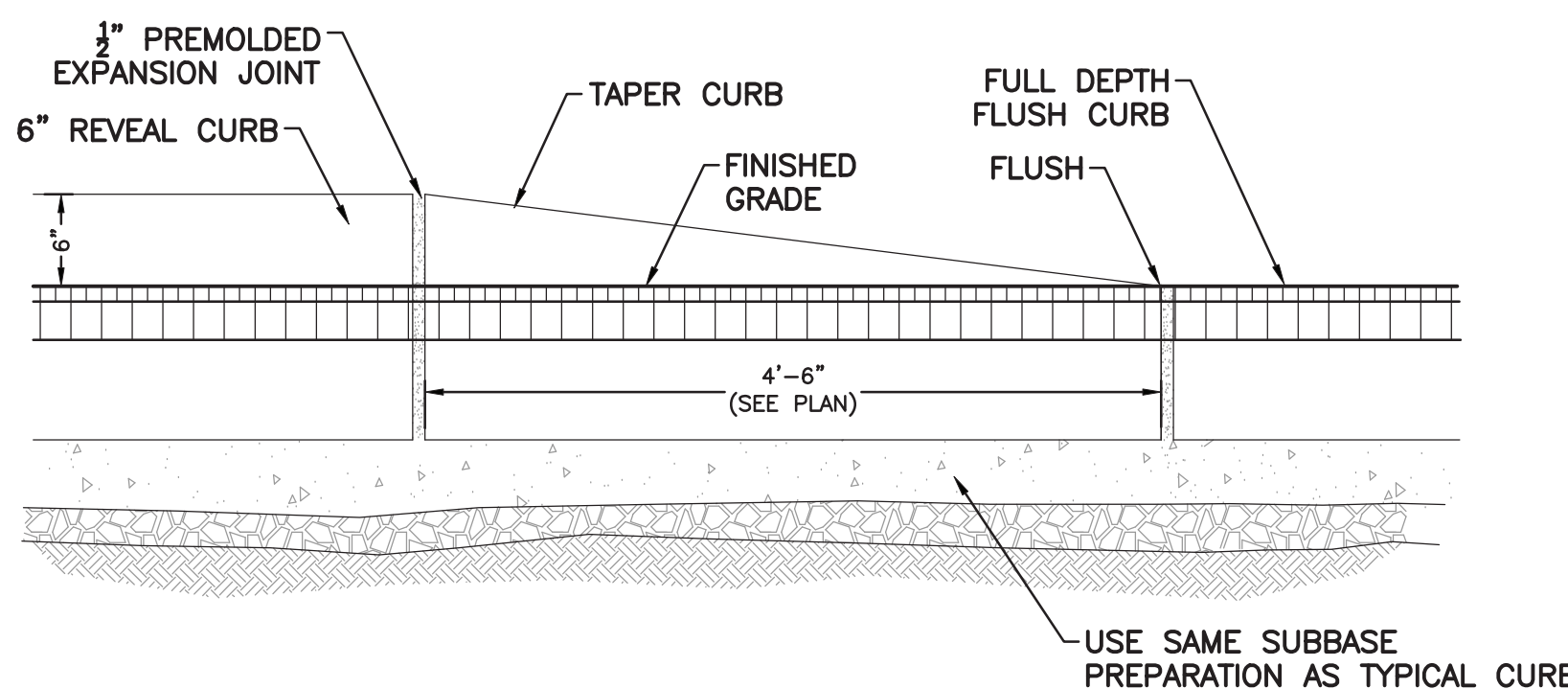
9 **CONCRETE FINISH DETAIL**
SCALE: N.T.S.



11 **GRANITE CURB DETAIL (AND RESET GRANITE BLOCK IN LANDSCAPE)**
SCALE: N.T.S.



10 **ASPHALT KEYWAY DETAIL**
SCALE: N.T.S.



12 **TAPERED CURB DETAIL**
SCALE: N.T.S.

Revision Schedule		
No.	Description	Date
	ISSUED FOR BID	2021/01/19
1	MS COURTYARD STEPS / BID ADDENDUM #1	2021/01/28

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978-443-7871

SED #: 6618-0001-0005-032

PROJECT

Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle
School

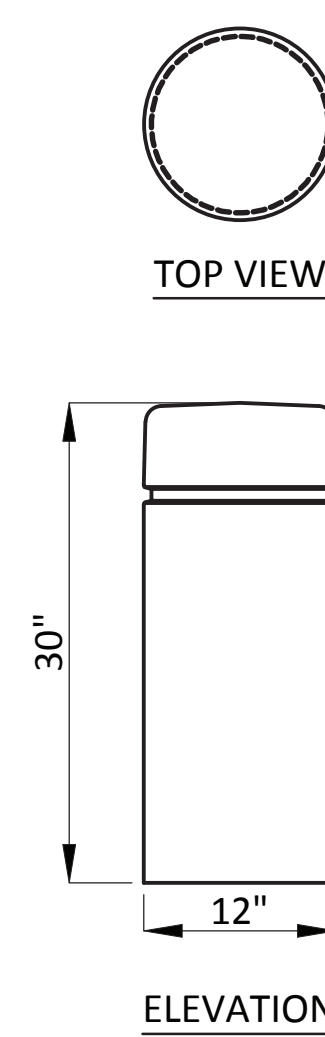
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL ENTRANCE

SITE CONSTRUCTION
DETAILS

PROJECT 1

SEAL & SIGNATURE: [Signature]
DATE: 11/07/19
PROJECT No: 9200
DRAWING BY: KSK
CHK BY: JFB
DWG No: C2-003



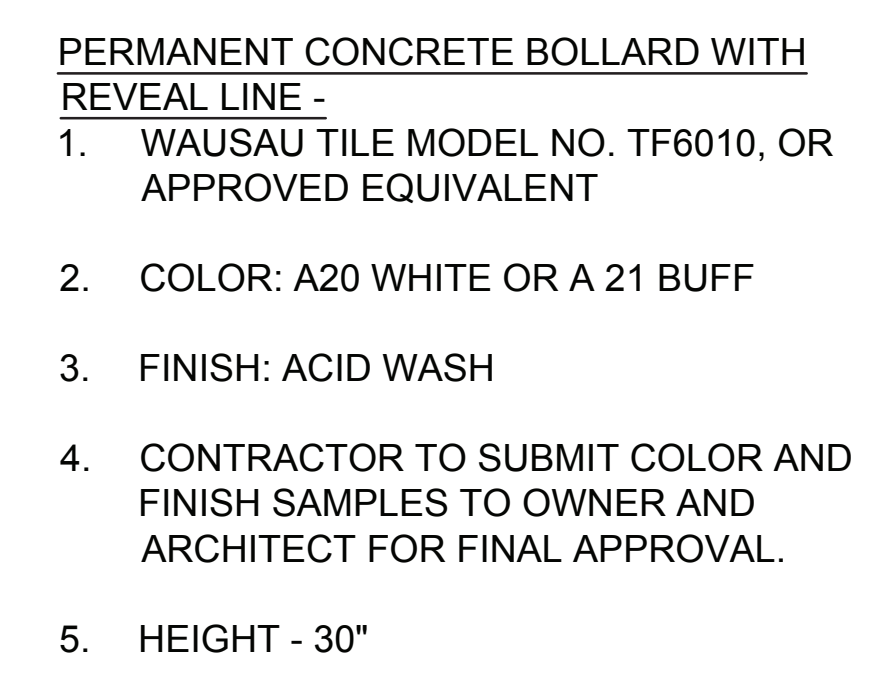
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3



4



5



6



7

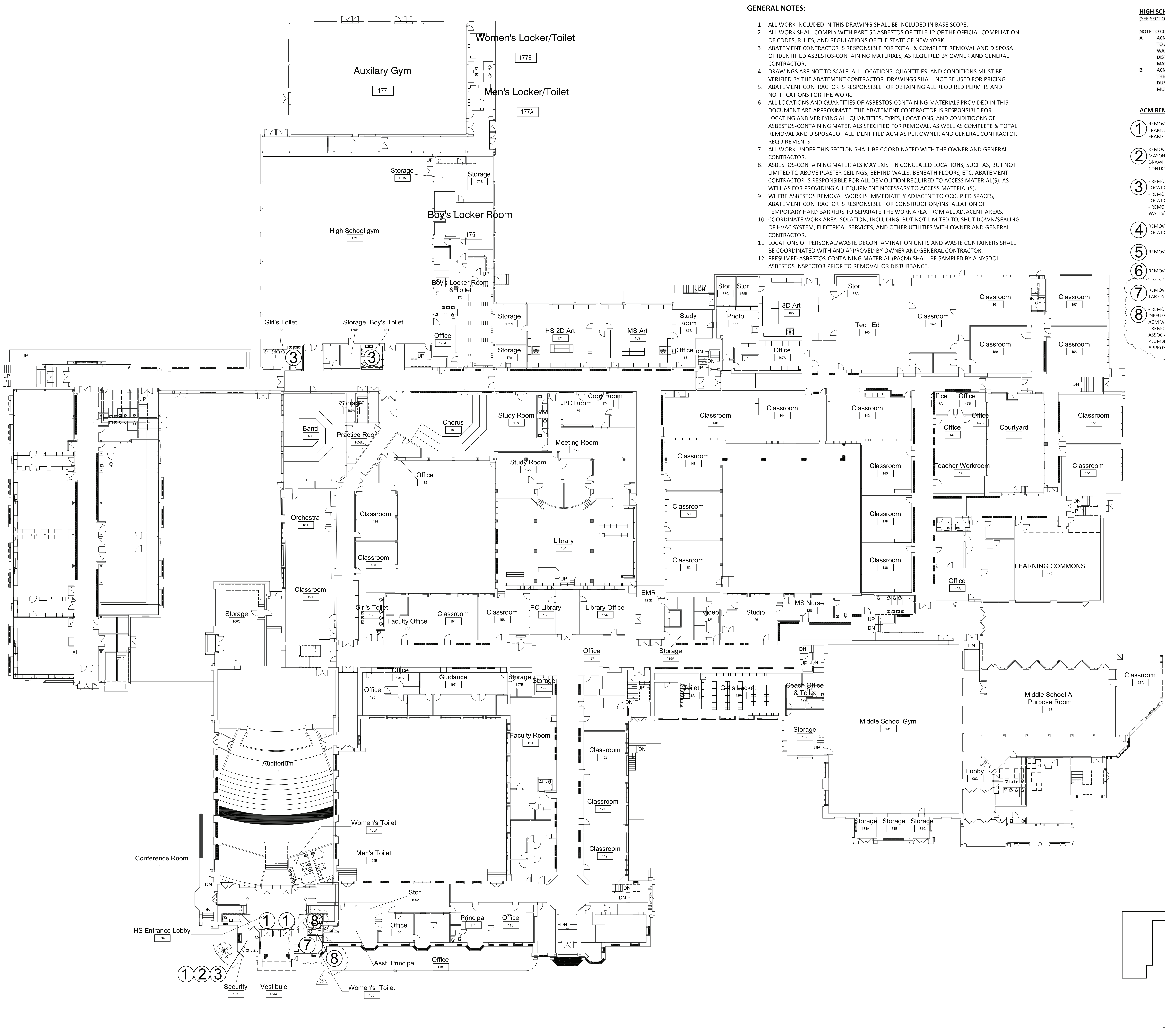


8

978-443-7871

SED #: 6618-0001-0005-032

1



1 First Floor - Asbestos Abatement Plan
SCALE: 1" = 20'-0"

GENERAL NOTES:

1. ALL WORK INCLUDED IN THIS DRAWING SHALL BE INCLUDED IN BASE SCOPE.
2. ALL WORK SHALL COMPLY WITH PART 56 ASBESTOS OF TITLE 12 OF THE OFFICIAL COMPILIATION OF CODES, RULES, AND REGULATIONS OF THE STATE OF NEW YORK.
3. ABATEMENT CONTRACTOR IS RESPONSIBLE FOR TOTAL & COMPLETE REMOVAL AND DISPOSAL OF IDENTIFIED ASBESTOS-CONTAINING MATERIALS, AS REQUIRED BY OWNER AND GENERAL CONTRACTOR.
4. DRAWINGS ARE NOT TO SCALE. ALL LOCATIONS, QUANTITIES, AND CONDITIONS MUST BE VERIFIED BY THE ABATEMENT CONTRACTOR. DRAWINGS SHALL NOT BE USED FOR PRICING.
5. ABATEMENT CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND NOTIFICATIONS FOR THE WORK.
6. ALL LOCATIONS AND QUANTITIES OF ASBESTOS-CONTAINING MATERIALS PROVIDED IN THIS DOCUMENT ARE APPROXIMATE. THE ABATEMENT CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING ALL QUANTITIES, TYPES, LOCATIONS, AND CONDITIONS OF ASBESTOS-CONTAINING MATERIALS SPECIFIED FOR REMOVAL, AS WELL AS COMPLETE & TOTAL REMOVAL AND DISPOSAL OF ALL IDENTIFIED ACM AS PER OWNER AND GENERAL CONTRACTOR REQUIREMENTS.
7. ALL WORK UNDER THIS SECTION SHALL BE COORDINATED WITH THE OWNER AND GENERAL CONTRACTOR.
8. ASBESTOS-CONTAINING MATERIALS MAY EXIST IN CONCEALED LOCATIONS, SUCH AS, BUT NOT LIMITED TO ABOVE PLASTER CEILINGS, BEHIND WALLS, BENEATH FLOORS, ETC. ABATEMENT CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO ACCESS MATERIAL(S), AS WELL AS FOR PROVIDING ALL EQUIPMENT NECESSARY TO ACCESS MATERIAL(S).
9. WHERE ASBESTOS REMOVAL WORK IS IMMEDIATELY ADJACENT TO OCCUPIED SPACES, ABATEMENT CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION/INSTALLATION OF TEMPORARY HARD BARRIERS TO SEPARATE THE WORK AREA FROM ALL ADJACENT AREAS.
10. COORDINATE WORK AREA ISOLATION, INCLUDING, BUT NOT LIMITED TO, SHUT DOWN/SEALING OF HVAC SYSTEM, ELECTRICAL SERVICES, AND OTHER UTILITIES WITH OWNER AND GENERAL CONTRACTOR.
11. LOCATIONS OF PERSONAL/WASTE DECONTAMINATION UNITS AND WASTE CONTAINERS SHALL BE COORDINATED WITH AND APPROVED BY OWNER AND GENERAL CONTRACTOR.
12. PRESUMED ASBESTOS-CONTAINING MATERIAL (PACM) SHALL BE SAMPLED BY A NYSDOL ASBESTOS INSPECTOR PRIOR TO REMOVAL OR DISTURBANCE.

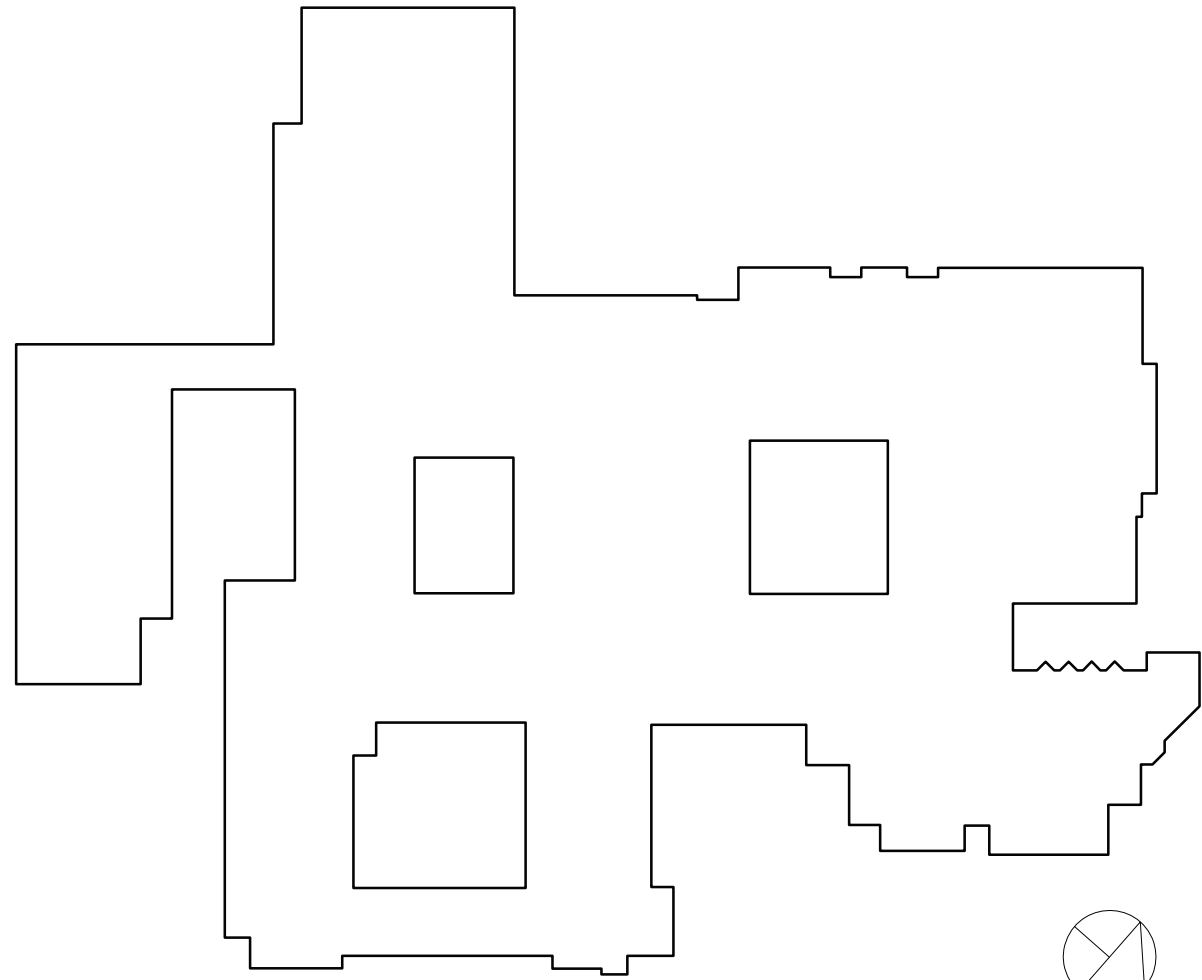
HIGH SCHOOL/MIDDLE SCHOOL ACM NOTES:
(SEE SECTION 020800 FOR DETAILS & QUANTITIES)

NOTE TO CONTRACTORS:

- A. ACM PIPE INSULATION/FITTINGS EXISTS IN CONCEALED LOCATIONS, SUCH AS BUT NOT LIMITED TO ABOVE PLASTER/SHEETROCK CEILINGS, BEHIND PLASTER/SHEETROCK WALLS, WITHIN WET WALLS, CHASES, SOFFITS, AND PLENUMS. SHOULD THESE MATERIALS BE UNCOVERED AND DISTURBED DURING DEMOLITION, ALL WORK IN THE AREA MUST STOP AND THE UNCOVERED MATERIAL(S) MUST BE ABATED BEFORE WORK RESUMES IN THE SPACE(S).
- B. ACM WATERPROOFING TAR EXISTS ON PERIMETER MASONRY WITHIN THE ORIGINAL BUILD OF THE SCHOOL ON ALL FLOORS. SHOULD THIS MATERIAL BE UNCOVERED AND DISTURBED DURING DEMOLITION, ALL WORK IN THE AREA MUST STOP AND THE UNCOVERED MATERIAL(S) MUST BE ABATED BEFORE WORK RESUMES IN THE SPACE(S).

ACM REMOVAL LEGEND:

- 1 REMOVE & DISPOSE OF DOOR FRAMES AND 1" OF ACM PLASTER SURROUNDING REMOVED FRAMES. PATCH OR REINSTALL MASONRY IN REMOVAL LOCATIONS TO FACILITATE NEW DOOR FRAME INSTALLATION (3 DOORS, APPROX 25 SF PLASTER REMOVAL PER LOCATION).
- 2 REMOVE & DISPOSE OF PLASTER WALL, WITH METAL LATHE, AND ALL WATERPROOFING TAR ON MASONRY WALL BEHIND THE PLASTER/LATHE IN ACCORDANCE WITH DEMOLITION DETAILS ON DRAWING A2-511. COORDINATE REMOVAL LOCATION(S) WITH OWNER AND GENERAL CONTRACTOR (APPROX. 50 SF).
- 3 - REMOVE & DISPOSE OF RADIATOR/HEATER AND ASSOCIATED INSULATION (APPROX. 12 SF PER LOCATION)
- REMOVE & DISPOSE OF MIRROR(S) AND ASSOCIATED MASTIC/GLUE/ADHESIVE (APPROX. 12 SF PER LOCATION)
- REMOVE & DISPOSE OF ALL PIPE INSULATION/FITTINGS CONCEALED WITHIN PLASTER/CMU WALLS/CEILING/SOFFITS/CHASES/ETC. (APPROX. 40 LF PER LOCATION)
- 4 REMOVE & DISPOSE OF ACM FLOORING TO THE SUBSTRATE. REFER TO SECTION 020800 FOR LOCATIONS, QUANTITIES, AND LAYERING SYSTEMS.
- 5 REMOVE AND DISPOSE OF ACM FLASHING TAR (PERIMETER AND EQUIPMENT)
- 6 REMOVE AND DISPOSE OF ACM WINDOW CAULK.
- 7 REMOVE AND DISPOSE OF RADIATORS, ASSOCIATED INSULATION BACKING, AND WATERPROOFING TAR ON MASONRY BEHIND REMOVED RADIATORS. (3 UNITS, APPROX. 12 SF EACH)
- 8 - REMOVE AND DISPOSE OF DIFFUSERS AND 1" OF ACM PLASTER SURROUNDING REMOVED DIFFUSER. PATCH AS NECESSARY TO ENSURE REPLACEMENT OR ADDITIONAL PATCHWORK IS NON ACM WORK. (2 LOCATIONS, APPROX 4 SF EACH)
- REMOVE AND DISPOSE OF PLASTER AND SHEETROCK WALLS TO EXPOSE ALL PLUMBING ASSOCIATED WITH TOILET REMOVALS PATCH AS NECESSARY TO ENSURE ALL SUBSEQUENT PLUMBING, PATCHWORK, AND TOILET REINSTALLATION IS NON-ACM WORK. (2 LOCATIONS, APPROX. 12 SF EACH)



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN
1" = 100'

Revision Schedule		
No.	Description	Date
1	ISSUED FOR SED SUBMISSION	09/15/2020
2	BID ISSUE	01/19/2021
3	ADDENDUM 1	01/29/2021

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SED #: 66180001-0005-032

PROJECT

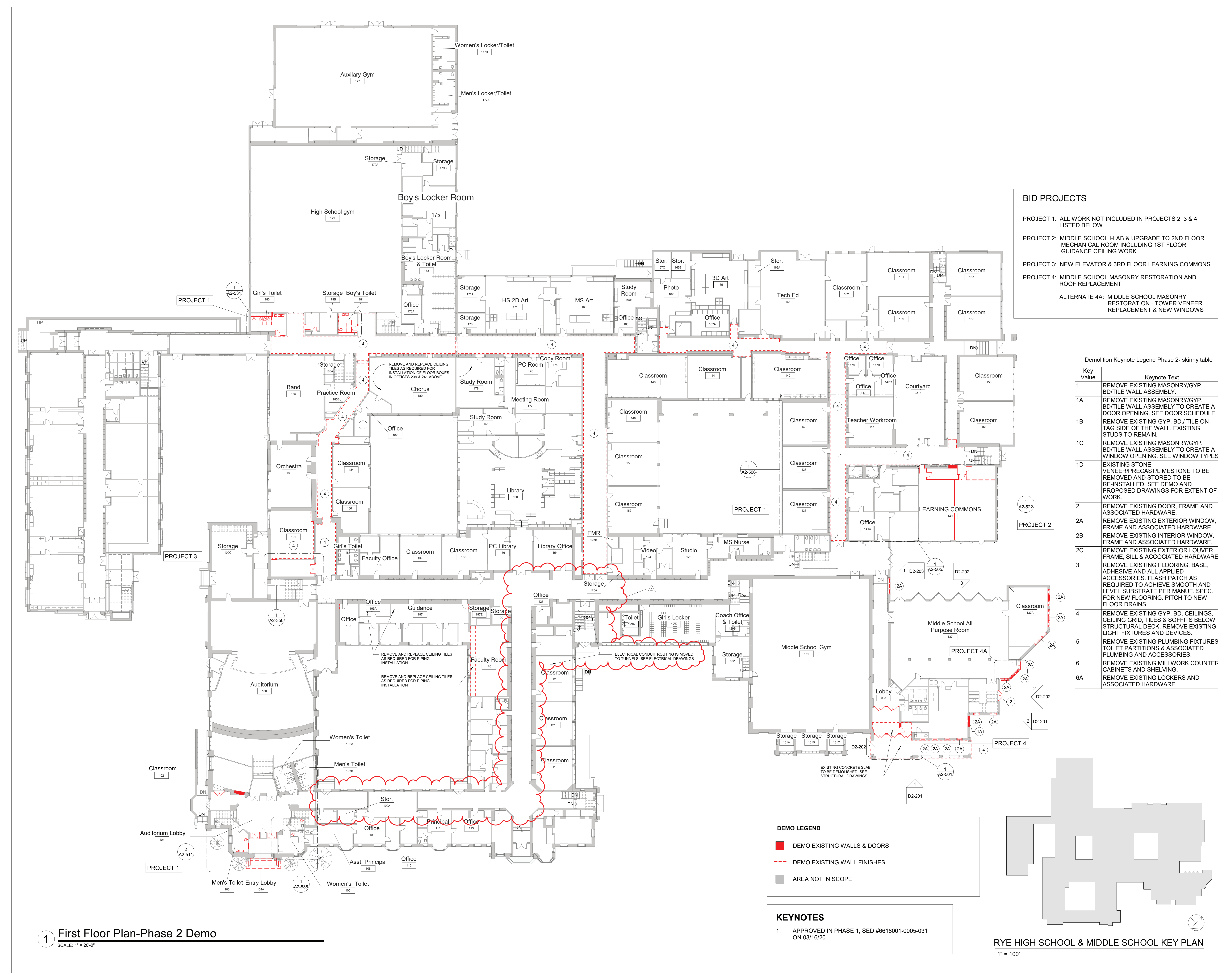
Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle School
1 Parsons Street, Rye, New York 10580

FIRST FLOOR ASBESTOS ABATEMENT

SEAL & SIGNATURE

DATE: 01/19/2021
PROJECT No: 9200
DRAWING BY: JP
CHK BY: AP
DWG No: HSMS-ASB-101



1 First Floor Plan-Phase 2 Demo

SCALE: 1" = 20'-0"

- DEMO LEGEND**
- DEMO EXISTING WALLS & DOORS
 - DEMO EXISTING WALL FINISHES
 - AREA NOT IN SCOPE

- KEYNOTES**
- APPROVED IN PHASE 1, SED #6618001-0005-031 ON 03/16/20

RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN

1" = 100'

BID PROJECTS

- PROJECT 1: ALL WORK NOT INCLUDED IN PROJECTS 2, 3 & 4 LISTED BELOW
- PROJECT 2: MIDDLE SCHOOL I-LAB & UPGRADE TO 2ND FLOOR MECHANICAL ROOM INCLUDING 1ST FLOOR GUIDANCE CEILING WORK
- PROJECT 3: NEW ELEVATOR & 3RD FLOOR LEARNING COMMONS
- PROJECT 4: MIDDLE SCHOOL MASONRY RESTORATION AND ROOF REPLACEMENT
- ALTERNATE 4A: MIDDLE SCHOOL MASONRY RESTORATION - TOWER VENEER REPLACEMENT & NEW WINDOWS

Demolition Keynote Legend Phase 2- skinny table	
Key Value	Keynote Text
1	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY.
1A	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY TO CREATE A DOOR OPENING. SEE DOOR SCHEDULE.
1B	REMOVE EXISTING GYP. BD/ TILE ON TAG SIDE OF THE WALL. EXISTING STUDS TO REMAIN.
1C	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY TO CREATE A WINDOW OPENING. SEE WINDOW TYPES.
1D	EXISTING STONE VENEER/PRECAST/LIMESTONE TO BE REMOVED AND STORED TO BE RE-INSTALLED. SEE DEMO AND PROPOSED DRAWINGS FOR EXTENT OF WORK
2	REMOVE EXISTING DOOR, FRAME AND ASSOCIATED HARDWARE.
2A	REMOVE EXISTING EXTERIOR WINDOW, FRAME AND ASSOCIATED HARDWARE.
2B	REMOVE EXISTING INTERIOR WINDOW, FRAME AND ASSOCIATED HARDWARE.
2C	REMOVE EXISTING EXTERIOR LOUVER, FRAME, SILL & ACCOCIATED HARDWARE.
3	REMOVE EXISTING FLOORING, BASE, ADHESIVE AND ALL APPLIED ACCESSORIES. FLASH PATCH AS REQUIRED TO ACHIEVE SMOOTH AND LEVEL SUBSTRATE PER MANUF. SPEC. FOR NEW FLOORING. PITCH TO NEW FLOOR DRAINS.
4	REMOVE EXISTING GYP. BD, CEILINGS, CEILING GRID, TILES & SOFFITS BELOW STRUCTURAL DECK. REMOVE EXISTING LIGHT FIXTURES AND DEVICES.
5	REMOVE EXISTING PLUMBING FIXTURES, TOILET PARTITIONS & ASSOCIATED PLUMBING AND ACCESSORIES.
6	REMOVE EXISTING MILLWORK COUNTER, CABINETS AND SHELIVING.
6A	REMOVE EXISTING LOCKERS AND ASSOCIATED HARDWARE.

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09/15/2020
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	01/29/2021

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SED #: 6618-0001-0005-032

PROJECT

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
FIRST FLOOR DEMOLITION PLAN

PROJECTS 1, 2, 3, 4 & 4A


SEAL & SIGNATURE DATE: 01/19/21
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: D2-101

CEILING FIXTURE LEGEND


ARCHITECTURAL LIGHTING




R1




R2




R4




R4B




R5




R8




R9




R10




P1




P2




P3




P4




P5-W




P5-B




P5-G



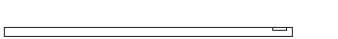
P6




WM1



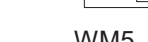
WM2



WM3



WM4



WM5

RECESSED 2'X2' LIGHT:
BASIS OF DESIGN: LITHONIA LIGHTING EPANL LED FLAT PANEL.
EPANL 2X2 4000LM 80CRI 35K MIN1 ZT MVOLT WITH DGA22 DRYWALL ADAPTER

RECESSED 2'X2' LIGHT:
BASIS OF DESIGN: MARK ARCHITECTURAL LIGHTING WHSPR LED TOFFER
WHSPR 2X2 4800LM 35K 90CRI MIN1 MVOLT

RECESSED 6" SQUARE LIGHT:
BASIS OF DESIGN: PATHWAY LIGHTING CALIBER PLUS 6" LED SQUARE SERIES
6SQLBV-10-35K-EX-W50-DA-6SQLBVSCL

RECESSED 6" SQUARE LIGHT:
BASIS OF DESIGN: PATHWAY LIGHTING CALIBER PLUS 6" LED SQUARE SERIES
6SQLBV-20-35K-EX-W50-DA-6SQLBVSCL

RECESSED 6" SQUARE IMPACT RESISTANT LIGHT:
BASIS OF DESIGN: PATHWAY LIGHTING CALIBER PLUS 6" LED SQUARE SERIES
6SQLBV-10-35K-E-X-L-DA-6SQLBVL8SCLPF WITH IMPACT RESISTANT LENS

RECESSED DIRECTIONAL LIGHT:
BASIS OF DESIGN: LUMENWERX - VOILA 4" ROUND DOWNLIGHT.
VO4RR-OF-ADJ-UNV-14W-D1-VO4-SW-60-2-80-35-LS-VO4RR-SDL-SR-TMW-TRM-TMW

CEILING GRID RECESSED LINEAR LIGHT:
BASIS OF DESIGN: T-BAR FLEX 15/16" BLOCK CLEAR DIFFUSING LENS
TBFL MW 22 24 D A W

RECESSED STAIR LIGHTING:
BASIS OF DESIGN: KELVIX - SIGNWAVE 1 (INDOOR/OUTDOOR) SW-1 FLEXIBLE LIGHTING SYSTEM
SW1-see plan-35K-as needed; SEE DETAILS FOR HS ENTRY STAIRS

8' DIRECT/INDIRECT LINEAR PENDANT WITH LOUVERS:
BASIS OF DESIGN: AXIS STENCIL D/I PENDANT
AXIS STLDI-SLI-500-DML-600-8-80-35-W-UNV

6' DIRECT/INDIRECT LINEAR PENDANT WITH LOUVERS:
BASIS OF DESIGN: AXIS STENCIL D/I PENDANT
AXIS STLDI-SLI-500-DML-600-6-80-35-W-UNV

4' DIRECT/INDIRECT LINEAR PENDANT WITH LOUVERS:
BASIS OF DESIGN: AXIS STENCIL D/I PENDANT
AXIS STLDI-SLI-500-DML-600-4-80-35-W-UNV

CONTINUOUS INDIRECT/DIRECT LINEAR PENDANT WITH ACRYLIC DIFFUSER:
BASIS OF DESIGN: MARK ARCHITECTURAL LIGHTING SLOT 1 LED - DIRECT/INDIRECT PENDANT PATTERNS
S1LIDP-OPP-see plan-90CRI-35K-200LMF-190CRI-135K-1400LMF-BW-MIN1-- QCGFW--WHT-- - - -36A-RDCY-
WHTCY-WCRD

ACCENT PENDANT WHITE:
BROWNLEE LIGHTING - INNIE LED.
2680-20-1bd-45W-1bd-SSM-NT-35K

ACCENT PENDANT BLUE:
BROWNLEE LIGHTING - INNIE LED.
2680-20-1bd-45W-1bd-SSM-NT-35K

ACCENT PENDANT GREEN:
BROWNLEE LIGHTING - INNIE LED.
2680-20-1bd-45W-1bd-SSM-NT-35K

GLASS CYLINDER PENDANT:
ACUITY BRANDS - HEALTHCARE LIGHTING - POPS SINGLE PENDANT
HPP1-95T-MVOLT-CYL-LRG-35K-ZT-MIN5-INT-BA

WALL MOUNTED INDIRECT LED COVE LIGHT: (LENGTHS PER PLAN - V.I.F.)
BASIS OF DESIGN: MARK ARCHITECTURAL LIGHTING SLOT 1 LED - INDIRECT WALL
S1WJ-LLP-8FT-MSL8-190CRI-135K-1400LMF-MIN1-MVOLT-BLKT-ZT-DCF

LED SURFACE LIGHTING:
BASIS OF DESIGN: LLI ARCHITECTURAL LIGHTING ANGLED EXTRUSION + LED TAPELIGHT
LLI-ANG-S-F-4.4W- -35K-24V-see plans and details for dimensions

EXTERIOR OVER DOOR EMERGENCY LIGHT:
BASIS OF DESIGN: LUMINAIRE LED - BLADE BLD - VANDAL RESISTENT MULLION-MOUNT LED
BLD-48IN-MIN1- - -800LM-35K- -DP-BRZ

WALL MOUNTED UP-DOWN SCONCE:
BASIS OF DESIGN: BROWNLEE LIGHTING - BOW
1572 - BL - B12 - MG - 35K

WALL MOUNTED DIRECT INDIRECT COVE LIGHT:
BASIS OF DESIGN: KELVIX LED TAPE LIGHTING WITH EXTRUDED ALUMINUM MOUNTING
SEE DETAIL ON SHEET A2-513


ALTERNATE: MARK ARCHITECTURAL LIGHTING SLOT 1
S4LID LCB 6FT MSL8 80CRI 35K 800LMF 180CRI 135K 1800LMF
BW MIN1 SCT LVRRA SLV F1 36A RDCY SLVCY WCRD

ALTERNATE: MARK ARCHITECTURAL LIGHTING SLOT 1
S4LID LCB 4FT MSL8 80CRI 35K 800LMF 180CRI 135K 1800LMF
BW MIN1 SCT LVRRA SLV F1 36A RDCY SLVCY WCRD


ALTERNATE: MARK ARCHITECTURAL LIGHTING SLOT 1
S1LJ LLP 12FT MSL12 180CRI 135K 11200LMF BW MIN1
MVOLT WHT WEC ZT F1/36A RDCY WHTCY WCRD

CEILING FINISHES LEGEND


CEILING MATERIAL




CLG-1




CLG-2




CLG-3



CLG-4



K-13 ACOUSTICAL SPRAY
2" THICK ON ALL STRUCTURE & UNDERSIDE OF FLOOR/ROOF DECK



EXTRUDED ALUMINUM TRIM
ARMSTRONG 8" AXIOM TRIM

2X2 ACOUSTIC CEILING TILE

ARMSTRONG OPTIMA 2x2 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - WHITE

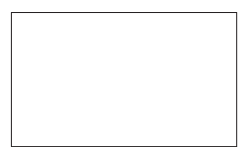
PAINTED GYP BOARD

2X2 METAL CEILING TILE

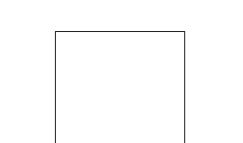
ARMSTRONG METALWORKS TEGULAR 2x2 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM
WHITE WITH MICRO PERFORATIONS AND BLACK ACOUSTIC BACKER

USG SHEETROCK BRAND EXTERIOR GYPSUM CEILING BOARD

ACOUSTIC CEILING FIXTURES



C-1



C-2

RECTANGULAR ACOUSTIC CLOUD:

BASIS OF DESIGN: ARMSTRONG SOUNDSCAPE SHAPES
SMALL RECTANGLE 48" x 72" x 2"
COLOR: PURE WHITE


SQUARE ACOUSTIC CLOUD:

BASIS OF DESIGN: ARMSTRONG SOUNDSCAPE SHAPES
SQUARE 48" x 48" x 2"
COLOR: PURE WHITE

A/V FIXTURES - COORDINATE WITH OWNER'S A/V CONTRACTOR

THIS DRAWING SHOWN FOR ARCHITECTURAL COORDINATION PURPOSES
ONLY. SEE ELECTRICAL DRAWINGS. OWNER'S A/V DRAWINGS CAN BE
PROVIDED UPON REQUEST. ALL POWER, DATA, COPPER WIRE FOR TELECOIL
LOOP SYSTEM, AND A/V CONDUIT TO BE BY ELECTRICAL CONTRACTOR.


PROJECTORS AND DISPLAYS



FP

WALL-MOUNTED LCD DISPLAY (BY OWNER):
BASIS OF DESIGN: SHARP, & CHIEF MANUFACTURING. PROVIDE
BLOCKING.

SPEAKERS



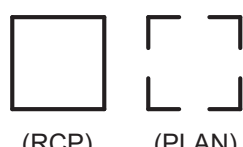
S2

CEILING-RECESSED AUDIO SPEAKER (BY OWNER):
BASIS OF DESIGN: COMMUNITY D6 - WHITE. PROVIDE BLOCKING.

CEILING-MOUNTED LINEAR ARRAY SPEAKER (BY OWNER):
BASIS OF DESIGN: INNOVEX FLEX FOCUS FF-V2.6
PROVIDE BLOCKING.

WALL MOUNTED SPEAKER (BY OWNER):
BASIS OF DESIGN: INNOVEX MICRO - FOCUS 2.1.
PROVIDE BLOCKING.(SEE INTERIOR ELEVATIONS AND RCP)

ACCESSORIES



RCPV

AV EQUIPMENT CEILING RACK (BY OWNER):
BASIS OF DESIGN: ATLAS CR222-NR.
PROVIDE BLOCKING.(SEE INTERIOR ELEVATIONS AND RCP)

WALL MOUNTED DIGITAL CLOCK:
BASIS OF DESIGN: ATLAS IED IP DUAL SIDED LCD WITH SPEAKERS
PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/ POWER
PLAN)

IP PHONE:
BASIS OF DESIGN: CISCO.
PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/
POWER PLAN)

TOUCH CONTROL PANEL (BY OWNER)
EXTRON MLC PLUS 100. (SEE INTERIOR ELEVATIONS AND POWER & TECH PLAN)

TELECOIL LOOP :
BY ELECTRICAL CONTRACTOR. AUDIO INDUCTION LOOP AIDS ASSISTIVE
LISTENING TECHNOLOGY. CONSISTS OF PHYSICAL CABLE LOOPS PLACED
AROUND DESIGNATED SPACES. (SEE ELECTRICAL DRAWINGS)

GENERAL NOTE:
CEILING CONTRACTOR TO OWN CEILING CUT OUTS FOR A/V CEILING
RECESSED SPEAKERS. COORDINATE WITH OWNER'S A/V CONTRACTOR
AND DO NOT CUT HOLES UNTIL THE SPEAKERS ARE ON SITE AND
COORDINATION DRAWING AND DOCUMENTS ARE APPROVED.

RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN
1" = 100'

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09/15/2020
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	01/29/2021

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SED #: 6618-0001-0005-032

PROJECT

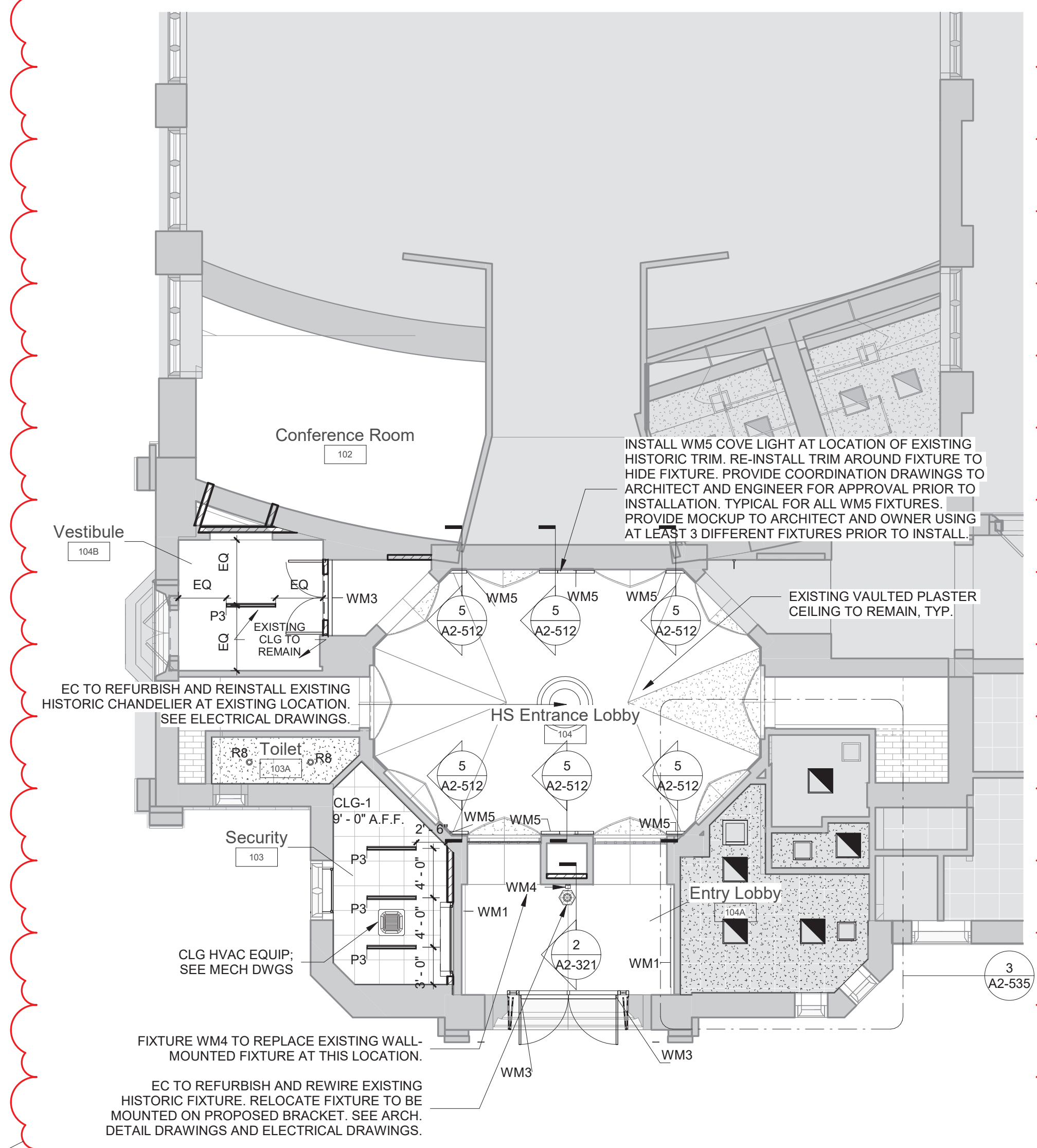
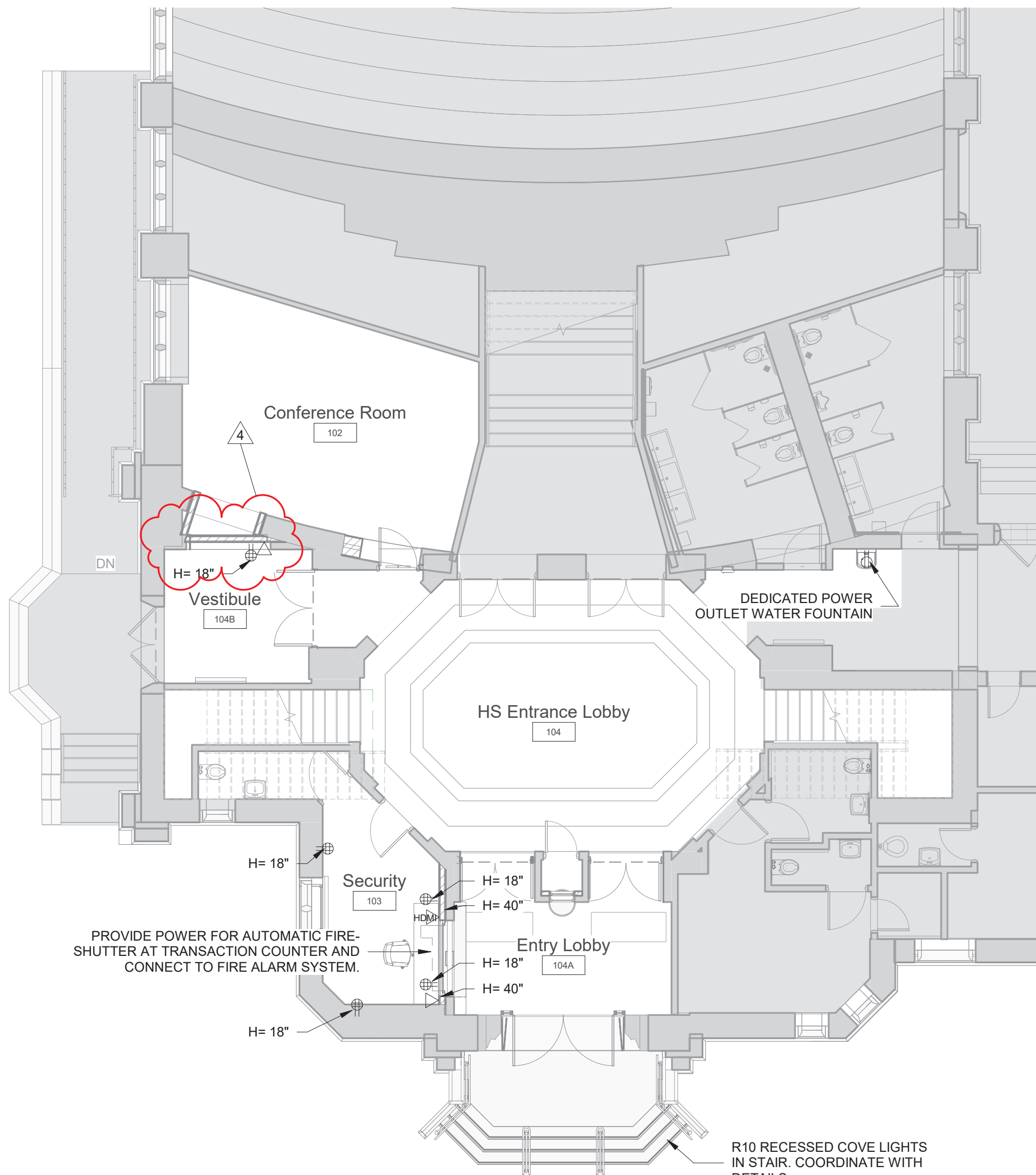
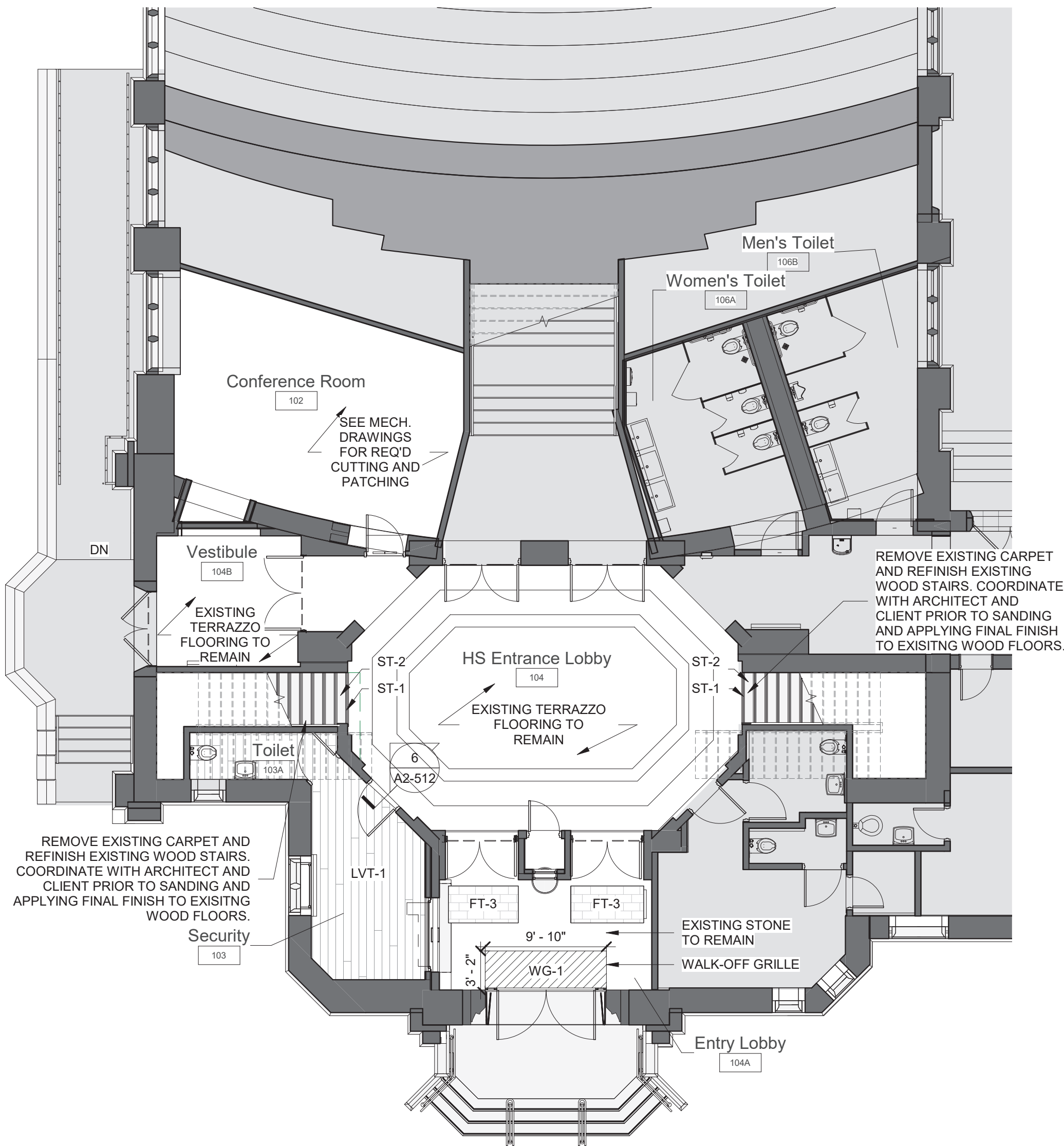
Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle
School
1 Parsons Street, Rye, New York 10580

CEILING FIXTURE AND
MATERIAL LEGENDS

PROJECTS 1, 2, & 3

SEAL & SIGNATURE | DATE: 01/19/21
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A2-400



1 High School Entrance Flooring Plan

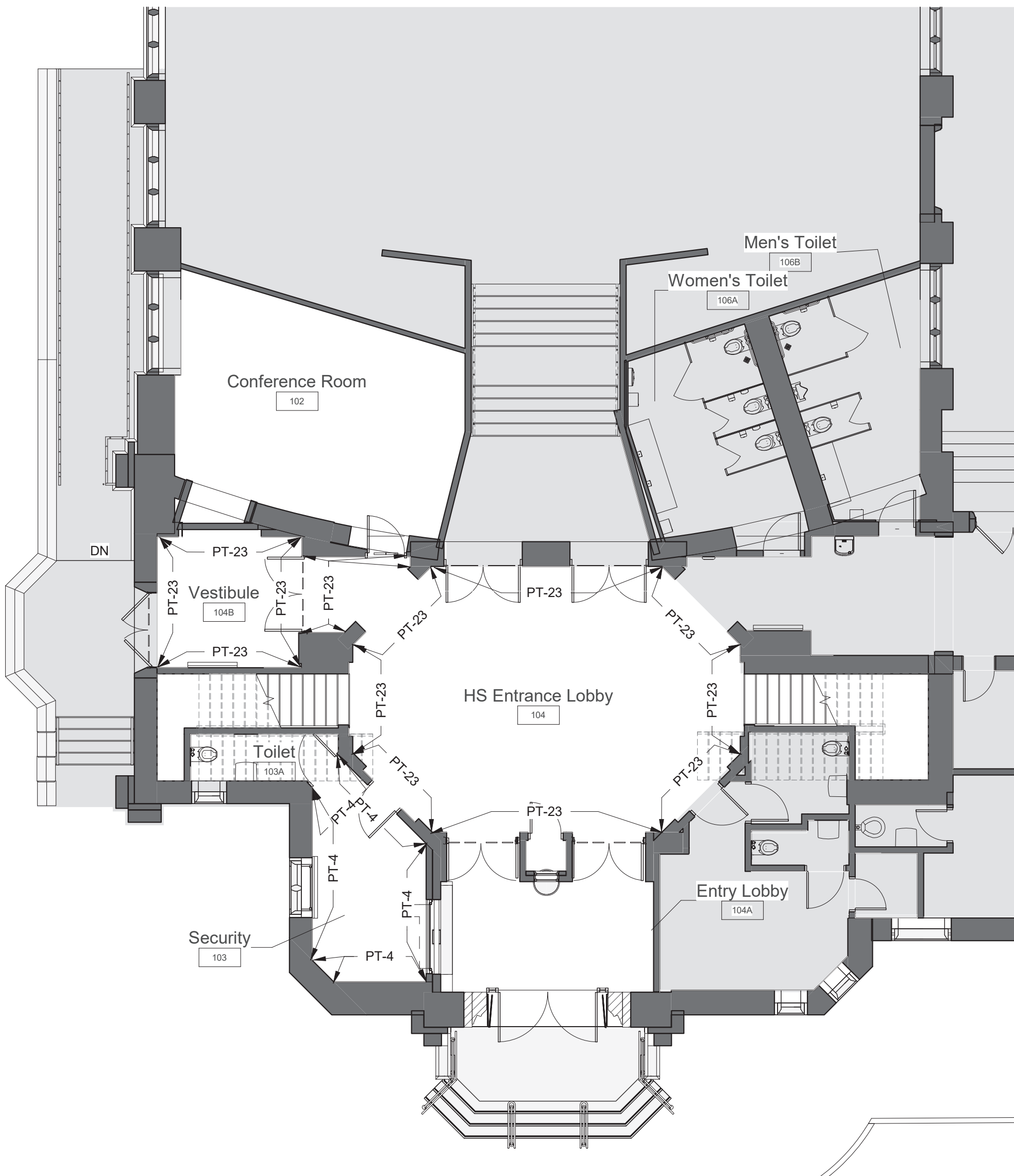
SCALE: 1/8" = 1'-0"

GENERAL NOTE:

1. ALL AREAS WITH NEW FLOORING TO RECEIVE SELF-LEVELING UNDERLAYMENT SO THAT SUBSTRATE IS SMOOTH AND LEVEL PER FLOORING MFG'S INSTRUCTIONS.

GENERAL NOTE:

SEE INTERIOR ELEVATIONS FOR CUT LINES OF WALL FINISHES



4 High School Entry Wall Paint Plan

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

2 High School Entrance Power and Technology Plan

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

A/V FIXTURES - COORDINATE WITH OWNER'S A/V CONTRACTOR

THIS DRAWING SHOWN FOR ARCHITECTURAL COORDINATION PURPOSES ONLY. SEE ELECTRICAL DRAWINGS. OWNER'S A/V DRAWINGS CAN BE PROVIDED UPON REQUEST. ALL POWER, DATA, COPPER WIRE FOR TELECOIL LOOP SYSTEM, AND A/V CONDUIT TO BE BY ELECTRICAL CONTRACTOR.

PROJECTORS AND DISPLAYS

WALL-MOUNTED LCD DISPLAY (BY OWNER):
BASIS OF DESIGN: SHARP, & CHIEF MANUFACTURING. PROVIDE BLOCKING.

SPEAKERS

CEILING-RECESSED AUDIO SPEAKER (BY OWNER):
BASIS OF DESIGN: COMMUNITY D6 - WHITE. PROVIDE BLOCKING.

CEILING-MOUNTED LINEAR ARRAY SPEAKER (BY OWNER):
BASIS OF DESIGN: INNOVEX FLEX FOCUS FF-V2.6
PROVIDE BLOCKING.

WALL MOUNTED SPEAKER (BY OWNER):
BASIS OF DESIGN: INNOVEX MICRO - FOCUS 2.1.
PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND RCP)

ACCESSORIES

AV EQUIPMENT CEILING RACK (BY OWNER):
BASIS OF DESIGN: ATLAS CR222-NR.
PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND RCP)

WALL MOUNTED DIGITAL CLOCK:
BASIS OF DESIGN: ATLAS IED IP DUAL SIDED LCD WITH SPEAKERS
PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/ POWER PLAN)

IP PHONE:
BASIS OF DESIGN: CISCO.
PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/ POWER PLAN)

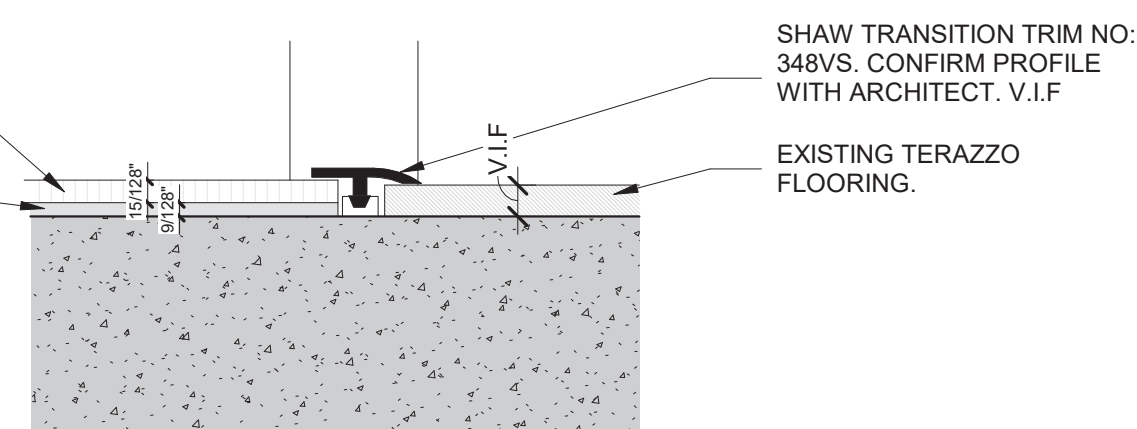
TOUCH CONTROL PANEL (BY OWNER)
EXTRON MLC PLUS 100. (SEE INTERIOR ELEVATIONS AND POWER & TECH PLAN)

TELECOIL LOOP:
BY ELECTRICAL CONTRACTOR. AUDIO INDUCTION LOOP AIDS ASSISTIVE LISTENING TECHNOLOGY. CONSISTS OF PHYSICAL CABLE LOOPS PLACED AROUND DESIGNATED SPACES. (SEE ELECTRICAL DRAWINGS)

SECURITY OFFICE

SHAW SOLITUDE. SEE FINISH SCHEDULE
SHAW GROUNDWORKS UNDERLAYMENT

EXISTING



6 HS ENTRY - FLOOR TRANSITION DETAIL

SCALE: 12" = 1'-0"

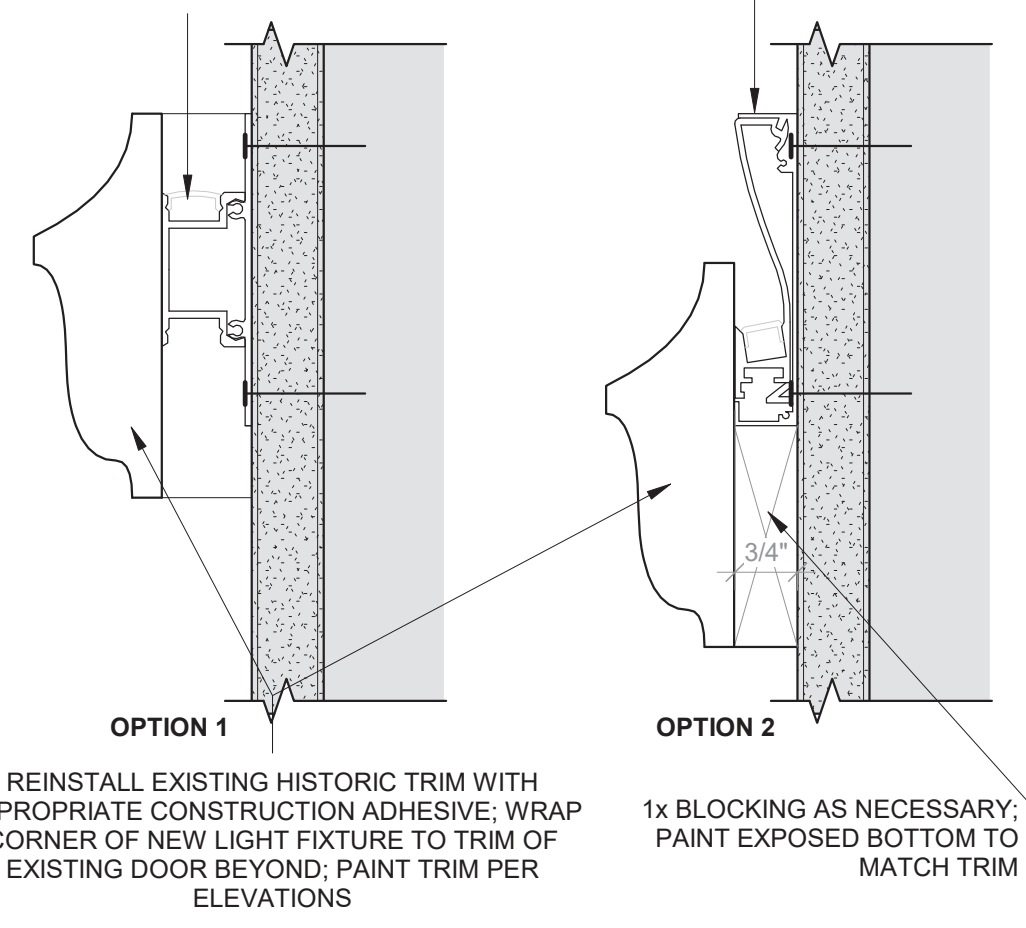
POWER OUTLETS & DEVICES LEGEND:

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- USB AND POWER OUTLET
- DOUBLE POWER OUTLET
- QUAD POWER OUTLET
- INTEGRATED FLOOR OUTLET AND A/V INPUT; 4 INTEGRATED POWER OUTLETS
BASIS OF DESIGN: FSR FL-500P-4-B
- HARDWIRED POWER LOCATION: **NOTE ELECTRICAL CONTRACTOR TO SCHEDULE COORDINATION MEETING WITH ARCHITECT TO VERIFY HARDWIRE LOCATION FOR POWER INTEGRATED CASEWORK/FURNITURE**
- LIGHTING CONTROL PANEL
- LIGHTING SWITCH
- ETHERNET DATA OUTLET
- HDMI DATA OUTLET
- WALL MOUNTED DIGITAL CLOCK:
- IP PHONE:

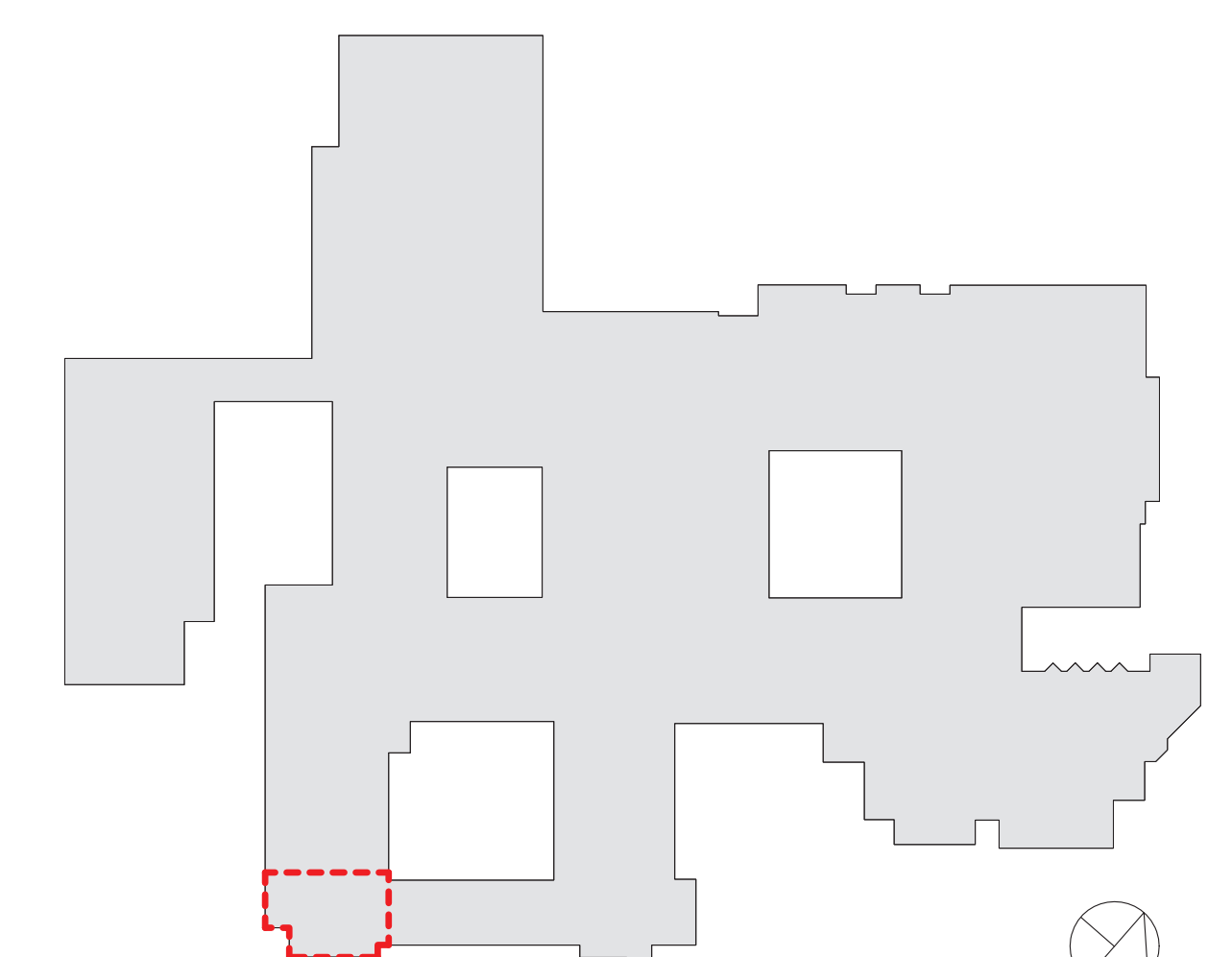
LED TAPE LIGHTING IN EXTRUDED ALUMINUM MOUNTING CHANNEL.
BASIS OF DESIGN: KELVIX CH-241-M CHANNEL

LED TAPE LIGHTING IN EXTRUDED ALUMINUM MOUNTING CHANNEL.
BASIS OF DESIGN: KELVIX CH-076 CHANNEL



5 HIGH SCHOOL ENTRY LOBBY - COVE LIGHT AT TRIM

SCALE: 6" = 1'-0"



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN

1" = 100'

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09/15/2020
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	01/29/2021

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AV Consultant
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327 F Boston Post Road
Sudbury, MA 01778-3027
978-443-7871

SED #: 6618-0001-0005-032

PROJECT

Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

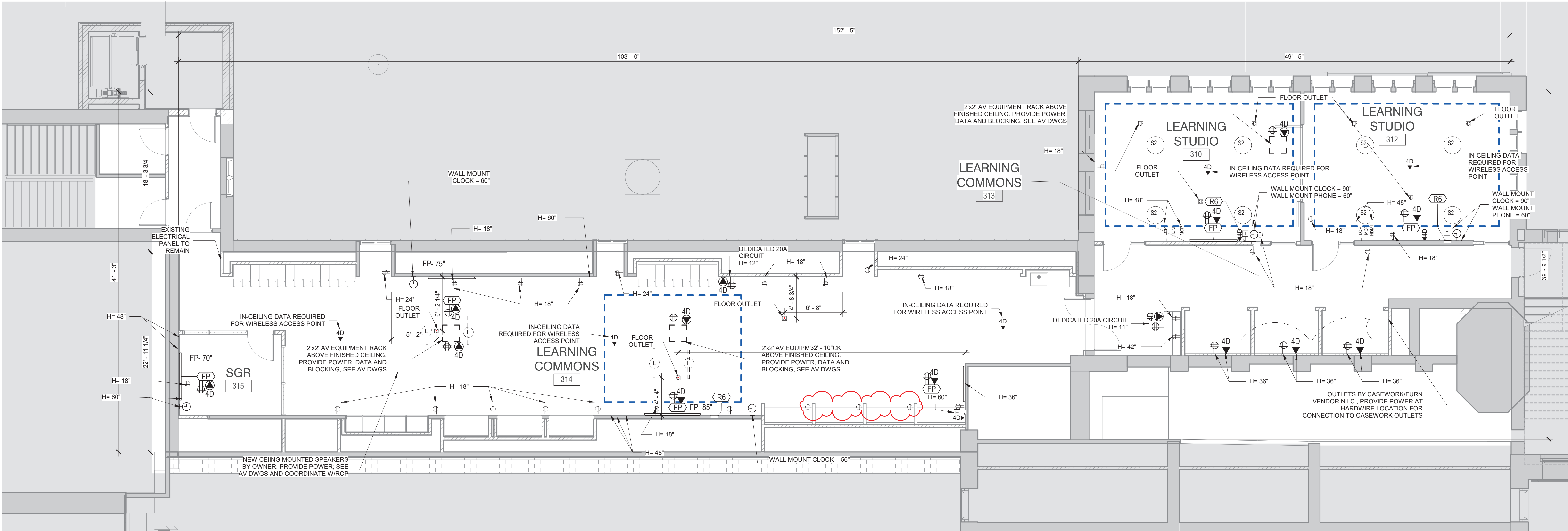
Rye High School & Middle School

1 Parsons Street, Rye, New York 10580

HIGH SCHOOL ENTRANCE PLANS

PROJECT 1

SEAL & SIGNATURE DATE: 06/12/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A2-512



1 Third Floor Power and Technology Plan
SCALE: 3/16" = 1'-0"

POWER OUTLETS & DEVICES LEGEND:

THIS DRAWING SHOWN FOR ARCHITECTURAL COORDINATION PURPOSES ONLY. COORDINATE WITH ELECTRICAL AND MECHANICAL DRAWINGS. OWNER'S AV DRAWINGS CAN BE PROVIDED UPON REQUEST. ALL POWER, DATA, COPPER WIRE FOR TELECOIL LOOP SYSTEM, AND AV CONDUIT TO BE BY ELECTRICAL CONTRACTOR.

- USB AND POWER OUTLET
- DOUBLE POWER OUTLET
- QUAD POWER OUTLET
- INTEGRATED FLOOR OUTLET AND AV INPUT; 4 INTEGRATED POWER OUTLETS
BASIS OF DESIGN: FSR FL-500P-4-B
- HARDWIRED POWER LOCATION: *NOTE ELECTRICAL CONTRACTOR TO SCHEDULE COORDINATION MEETING WITH ARCHITECT TO VERIFY HARDWIRE LOCATION FOR POWER INTEGRATED CASEWORK/FURNITURE
- LIGHTING CONTROL PANEL
- LIGHTING SWITCH
- ETHERNET DATA OUTLET
- HDMI DATA OUTLET
- WALL MOUNTED DIGITAL CLOCK:
- IP PHONE:

A/V FIXTURES - COORDINATE WITH OWNER'S A/V CONTRACTOR

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PROJECTORS AND DISPLAYS

WALL-MOUNTED LCD DISPLAY (BY OWNER):
BASIS OF DESIGN: SHARP, & CHIEF MANUFACTURING. PROVIDE BLOCKING.

SPEAKERS

CEILING-RECESSED AUDIO SPEAKER (BY OWNER):
BASIS OF DESIGN: COMMUNITY D6 - WHITE. PROVIDE BLOCKING.

CEILING-MOUNTED LINEAR ARRAY SPEAKER (BY OWNER):
BASIS OF DESIGN: INNOVEX FLEX FOCUS FF-V2.6
PROVIDE BLOCKING.

WALL MOUNTED SPEAKER (BY OWNER):
BASIS OF DESIGN: INNOVEX MICRO - FOCUS 2.1.
PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND RCP)

ACCESSORIES

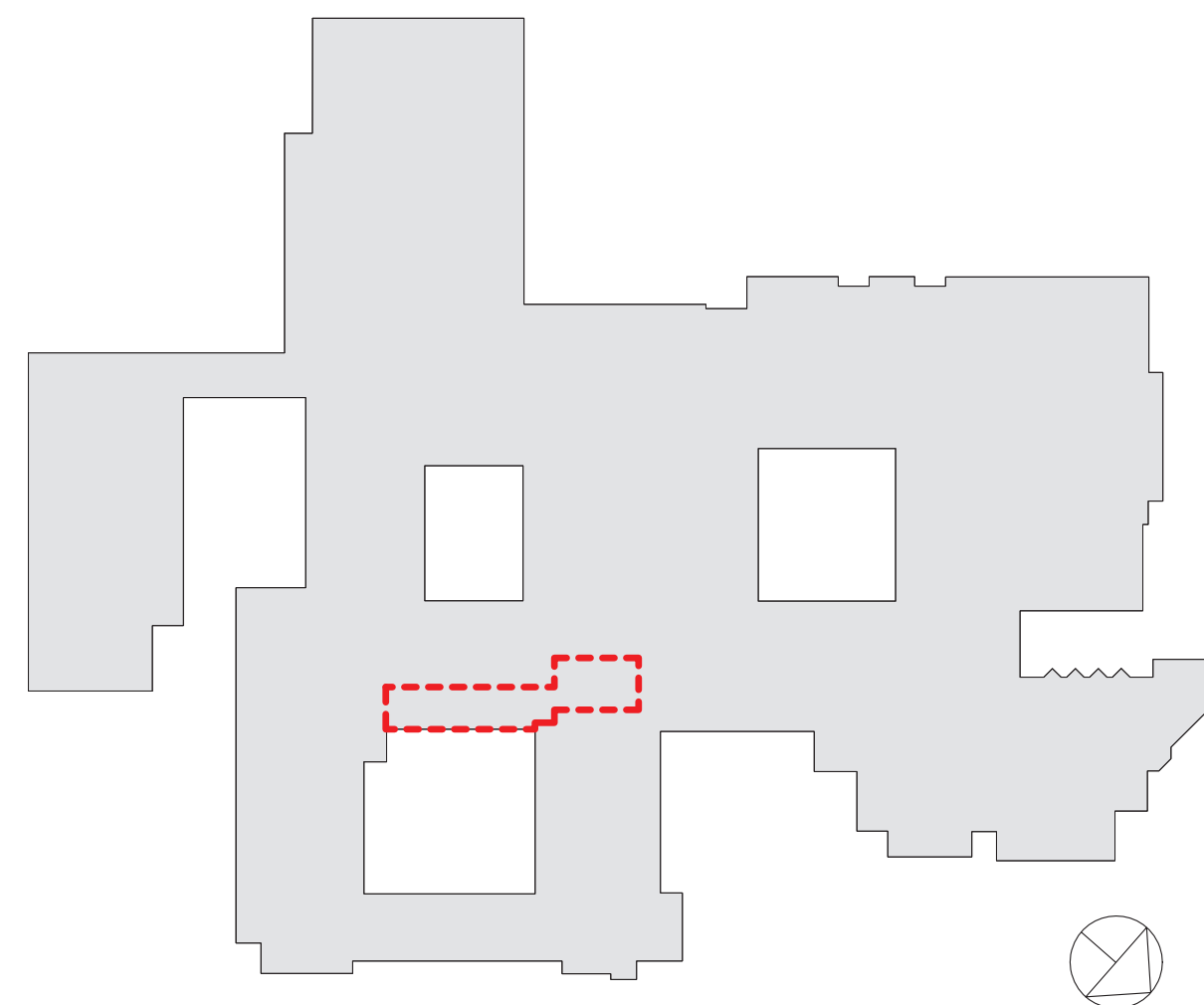
AV EQUIPMENT CEILING RACK (BY OWNER):
BASIS OF DESIGN: ATLAS CR222-NR.
PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND RCP)

WALL MOUNTED DIGITAL CLOCK:
BASIS OF DESIGN: ATLAS IED IP DUAL SIDED LCD WITH SPEAKERS
PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/ POWER PLAN)

IP PHONE:
BASIS OF DESIGN: CISCO.
PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/ POWER PLAN)

TOUCH CONTROL PANEL (BY OWNER)
EXTRON MLC PLUS 100. (SEE INTERIOR ELEVATIONS AND POWER & TECH PLAN)

TELECOIL LOOP:
BY ELECTRICAL CONTRACTOR. AUDIO INDUCTION LOOP AIDS ASSISTIVE LISTENING TECHNOLOGY. CONSISTS OF PHYSICAL CABLE LOOPS PLACED AROUND DESIGNATED SPACES. (SEE ELECTRICAL DRAWINGS)



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN
1" = 100'

Revision Schedule		
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PROJECT

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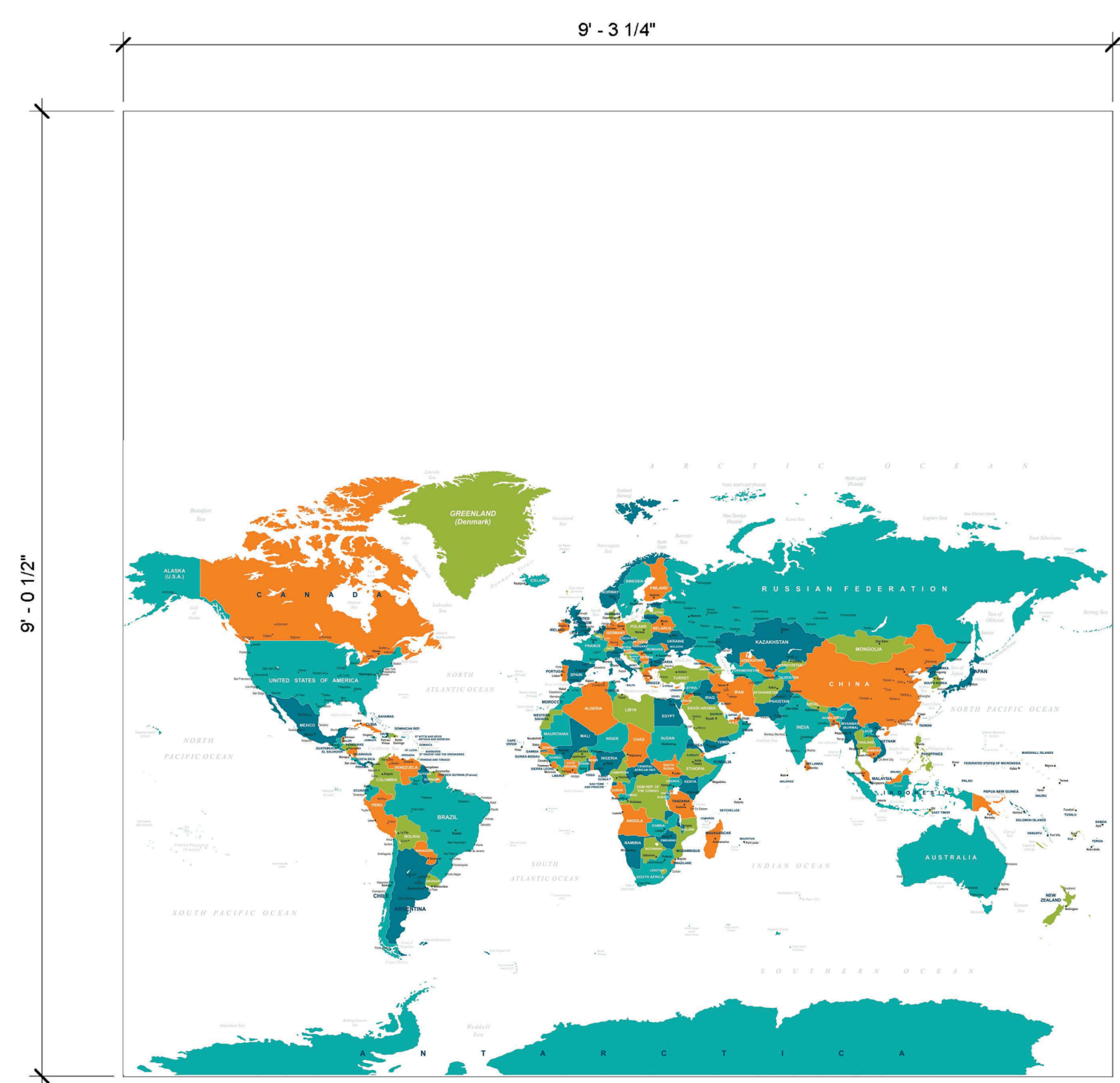
Rye High School & Middle
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THIRD FLOOR LEARNING
COMMUNITY POWER AND
TECHNOLOGY PLAN

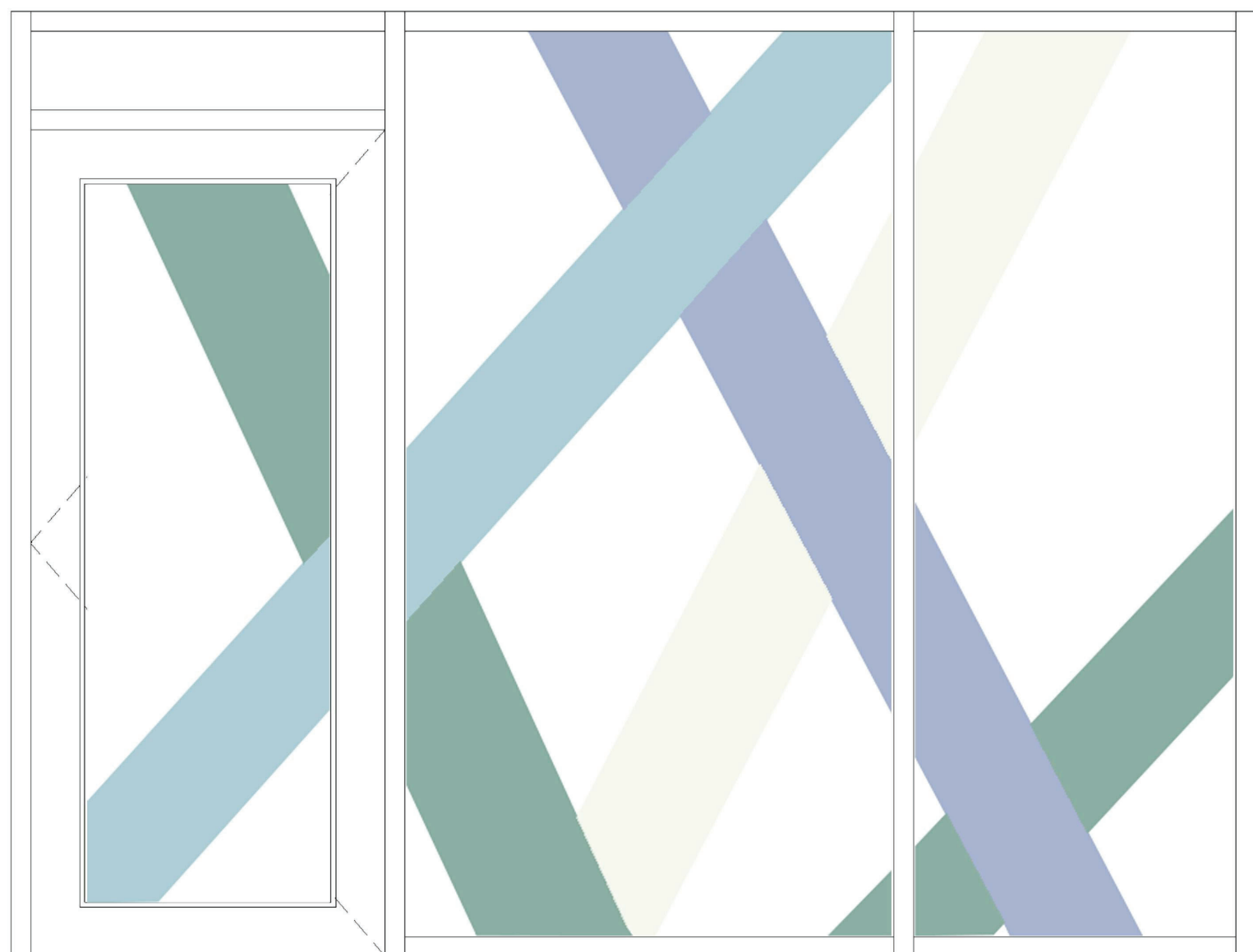
PROJECT 3

SEAL & SIGNATURE | DATE: 09/02/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A2-517



WLC-2

PROJECT 3



FLM-1

PROJECT 3



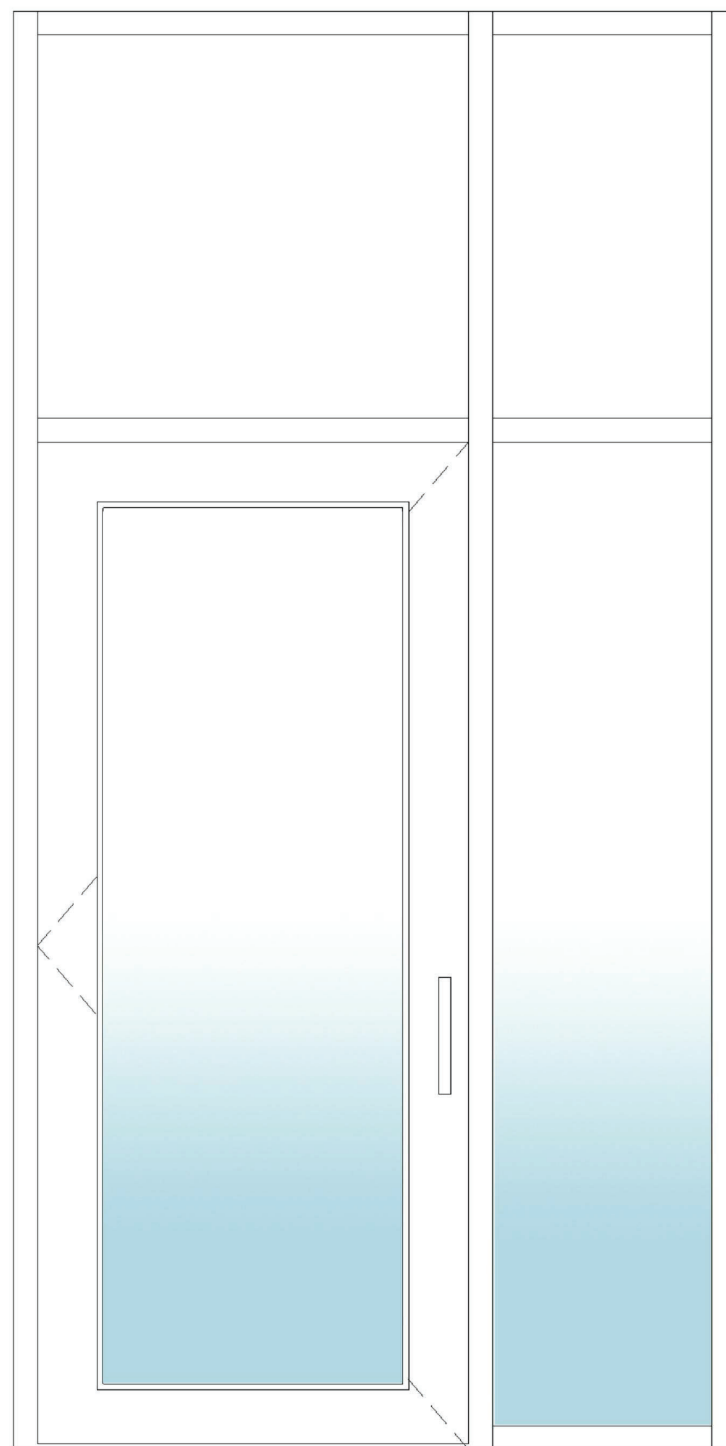
FLM-2

PROJECT 3



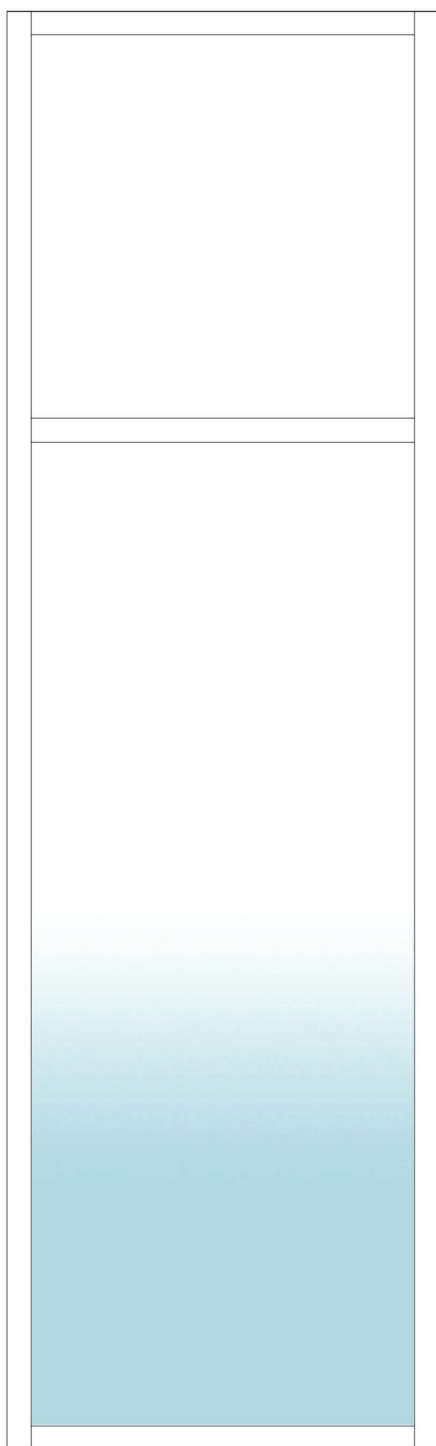
WLC-3

PROJECT 3



FLM-3

PROJECT 3



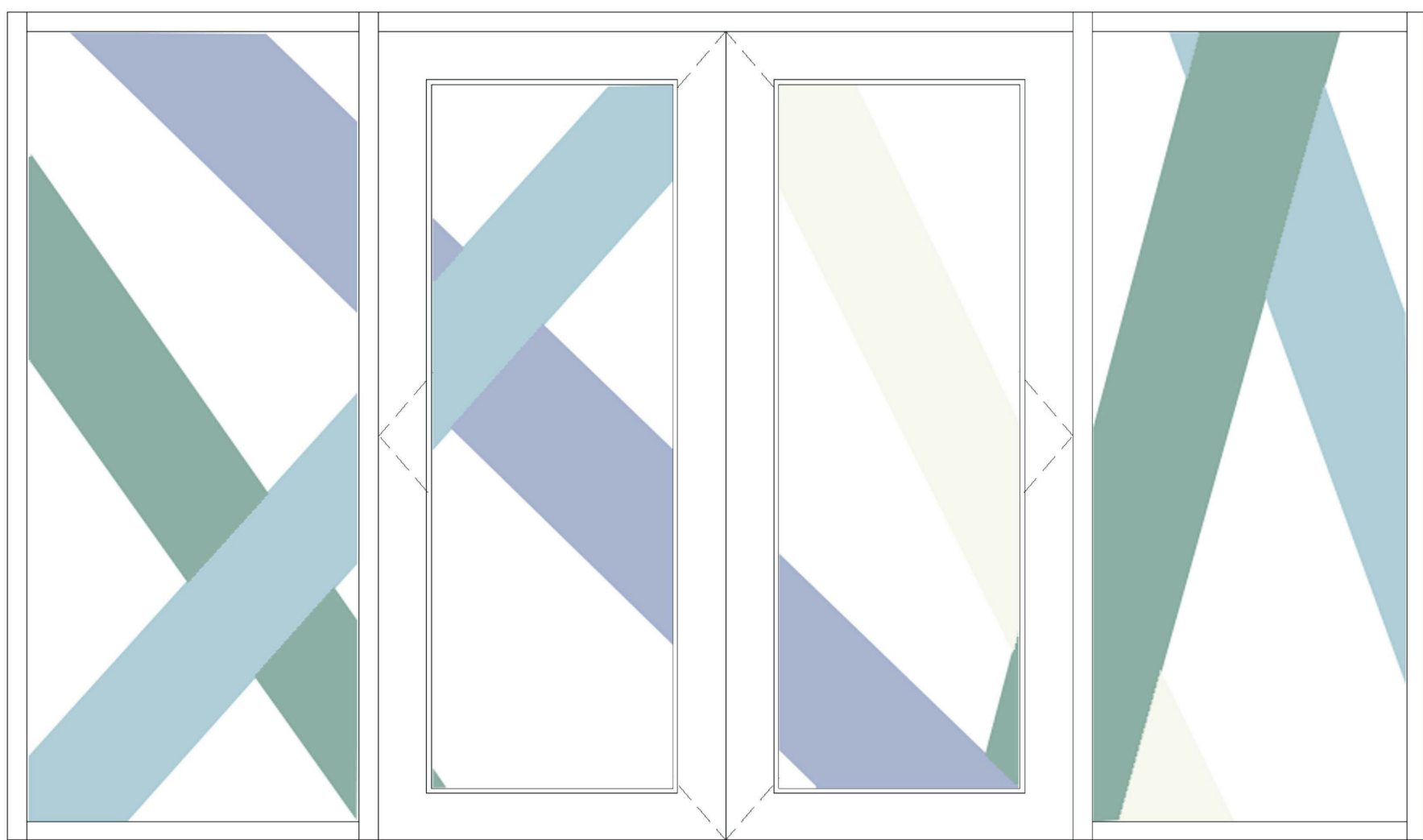
FLM-6

PROJECT 3



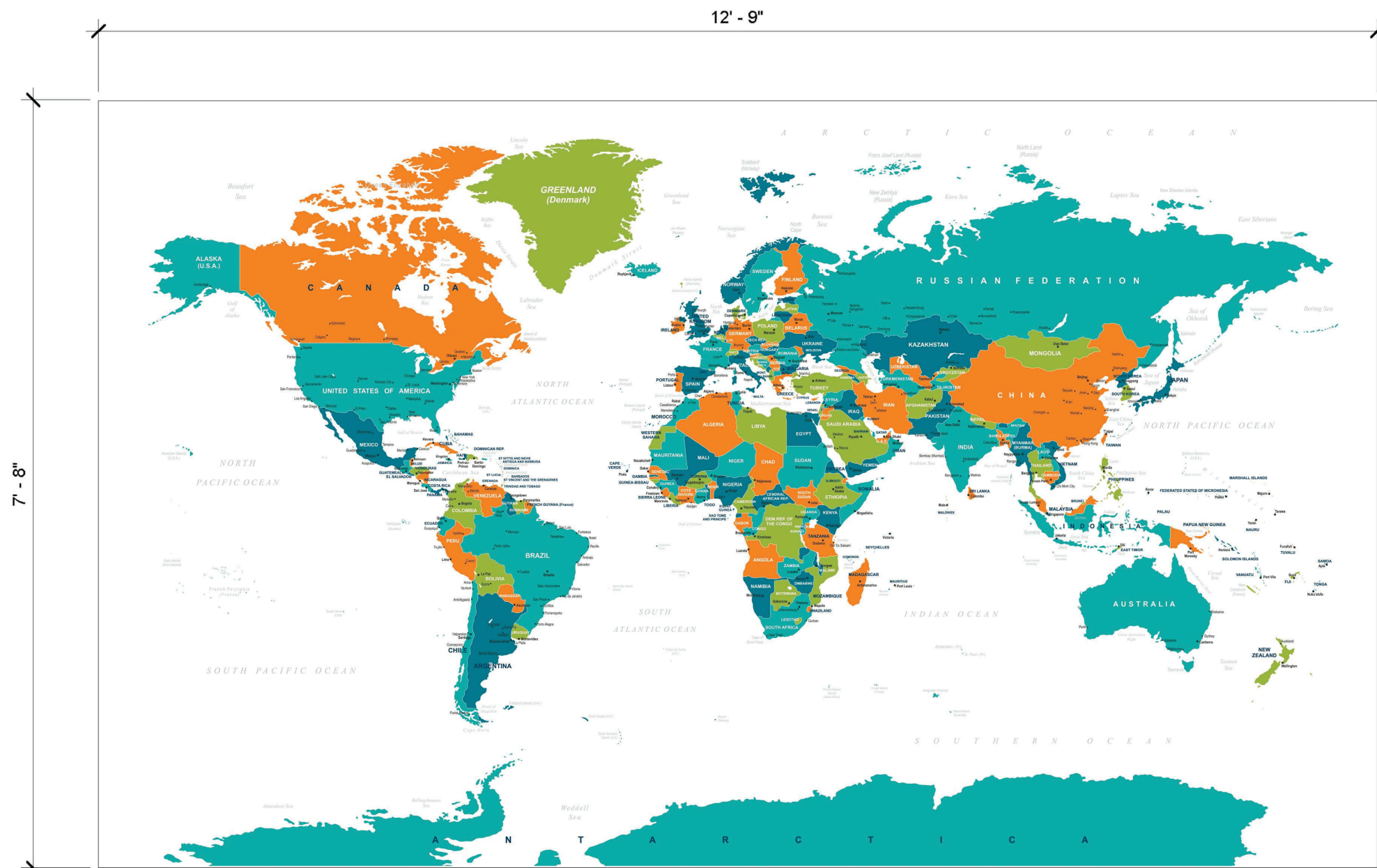
WLC-4

PROJECT 3



FLM-5

PROJECT 3



WLC-5

PROJECT 2

Revision Schedule		
No.	Description	Date
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	01/29/2021

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AV Consultant
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Sudbury, MA 01776-3027
978-443-7871

SED #: 6618-0001-0005-032

PROJECT

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

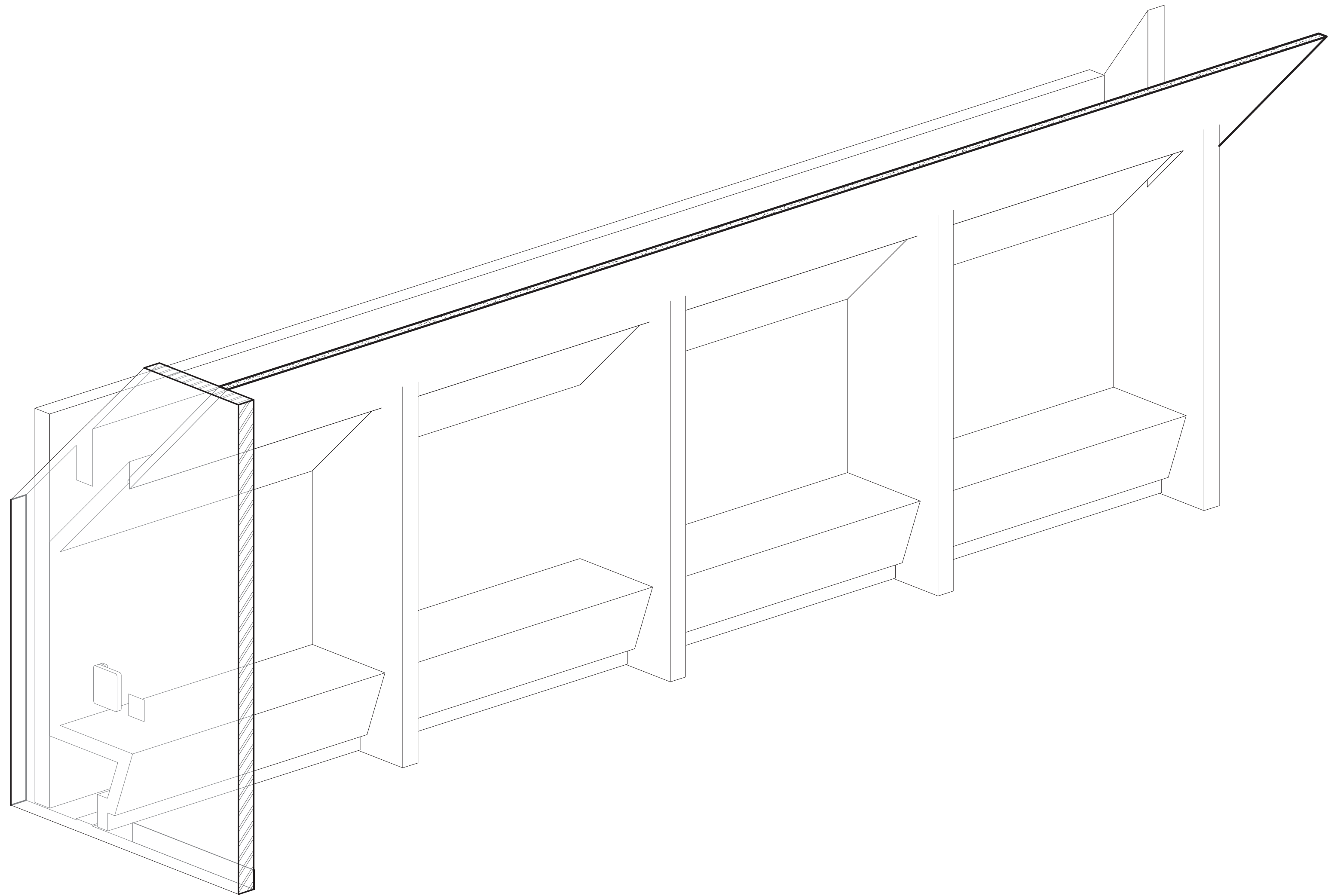
Rye High School & Middle
School

1 Parsons Street, Rye, New York 10580

WALL GRAPHICS AND
GLAZING TYPES

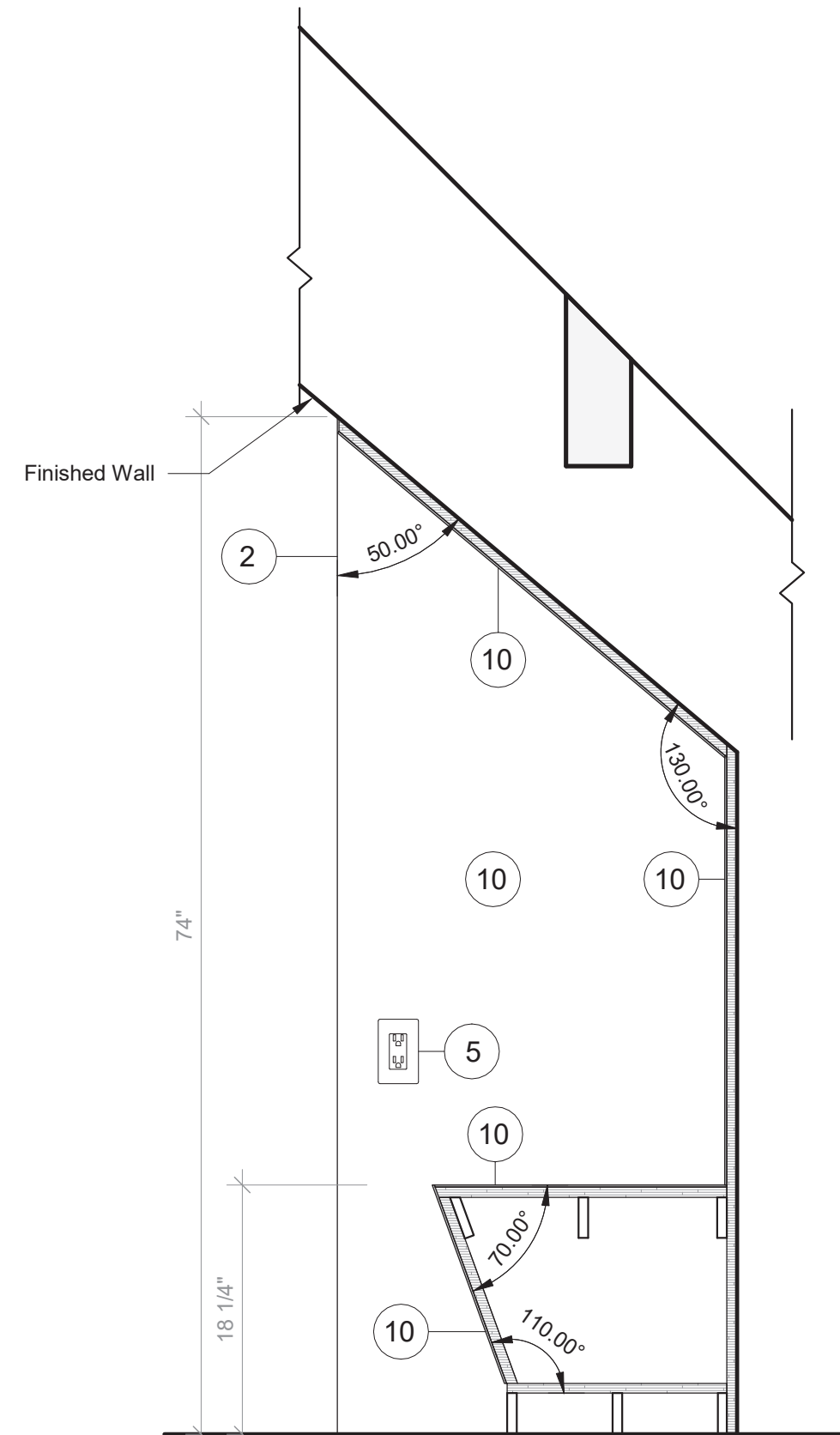
PROJECT 2 & 3

SEAL & SIGNATURE	DATE: 12/14/20
	PROJECT No: 9200
	DRAWING BY: Author
	CHK BY: Checker
	DWG No: A2-730



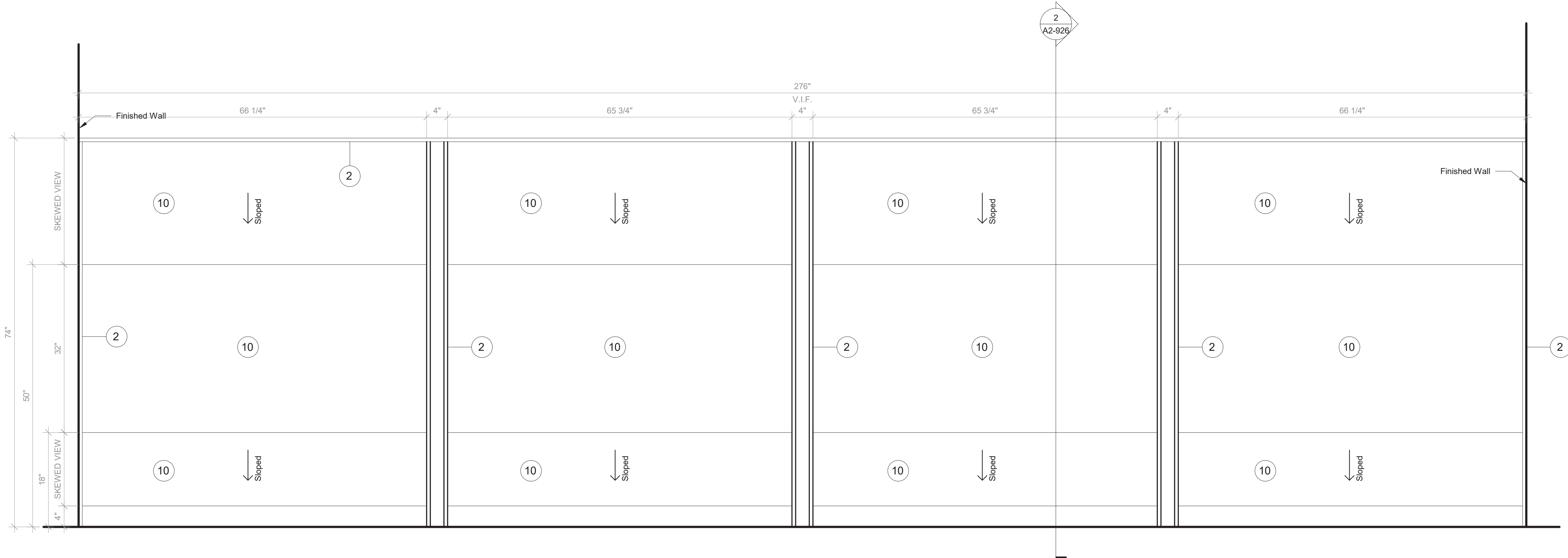
1 Open Booth - Axon

SCALE:



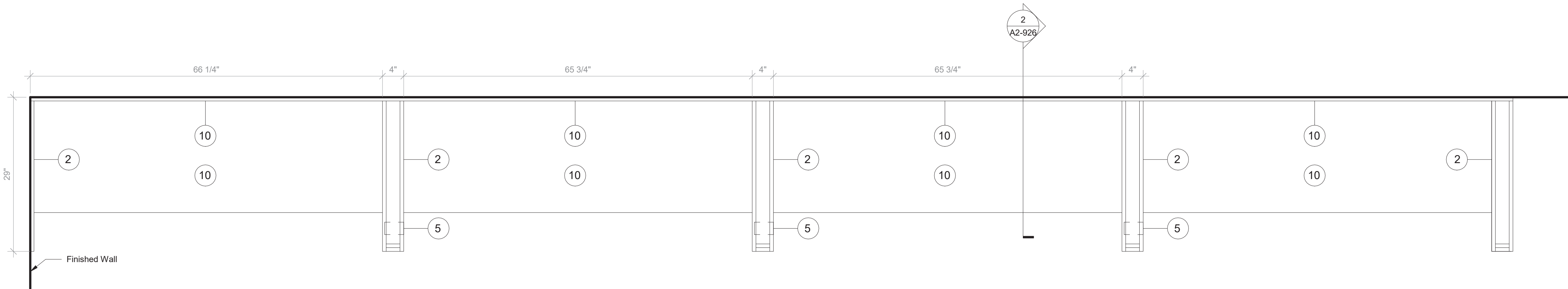
2 Open Booth - Section A

SCALE: 1" = 1'-0"



3 Open Booth - Front View

SCALE: 1" = 1'-0"



4 Open Booth - Floor Plan

SCALE: 1" = 1'-0"

NOTE:

BY OWNER. THIS DRAWING IS FOR COORDINATION PURPOSES ONLY

NOTE:

GC TO PROVIDE BLOCKING FOR OWNER-SUPPLIED CASEGOODS. DRAWINGS IN 900 SERIES AND ON THIS SHEET PROVIDED IN GC DRAWING SET FOR COORDINATION PURPOSES ONLY.

GENERAL NOTES:

- CASEGOODS CONTRACTOR TO PROVIDE STAMPED SHOP DRAWINGS TO ARCHITECT FOR APPROVAL PRIOR TO BUILDING ANY PART OF CUSTOM FURNISHINGS.
- FOR ALL OWNER-SUPPLIED CASEGOODS, COORDINATE WITH ARCHITECT TO OBTAIN TEMPLATES AND HOLD DIMENSIONS AS NOTED FOR EACH ITEM

CASEGOODS AND CUSTOM FURNISHINGS FINISH NOTES:

- SS-2 - CORIAN SOLID SURFACE AT COUNTERTOP AND BACKSPLASH; COLOR: SILVER BIRCH.
- PLYFF-1 - 18mm PRE-FINISHED BALTIC BIRCH PLYWOOD WITH CLEAR, NON-YELLOWING UV FINISH. EXPOSED EDGES, SANDED SMOOTH AND CLEAR FINISHED. PROVIDE SAMPLE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
- PLYFF-2 - 18mm PRE-FINISHED BALTIC BIRCH PLYWOOD WITH WILSONART 1573 MARKERBOARD FROSTY WHITE PLASTIC LAMINATE ON TAG SIDE; CLEAR, NON-YELLOWING UV FINISH ON OPPOSITE SIDE; EXPOSED EDGES, SANDED SMOOTH AND CLEAR FINISHED. PROVIDE SAMPLE TO ARCHITECT FOR APPROVAL.
- 1" DIA. CUTOUT DOOR FINGER PULL.
- SURFACE-RECESSED OUTLET: ECA COVE LG DUPLEX WITH DAISY CHAIN; MODEL COV-LG-2U-4-1-S.
- UNDERMOUNT OUTLET: ECA SANDBAR WITH DATA JACKS AND DAISY CHAIN; MODEL 84 SBS-S-1111.
- CORD DROP CUTOUT.
- VERTICAL SUPPORT AND PIPE HINGE: 1 1/16" OD ALUMINUM TUBING; BRUSHED CLEAR ANODIZED.
- METALLIC PERFORATED PANEL
- LINOLEUM BY FORBO IN SHEET. COLOR TBD.
- WM2 - LED TAPE LIGHTING, SEE CEILING FIXTURE LEGEND.

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09/15/2020
3	ISSUED FOR BID	01/19/2021
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SED #: 6618-0001-0005-032

PROJECT

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

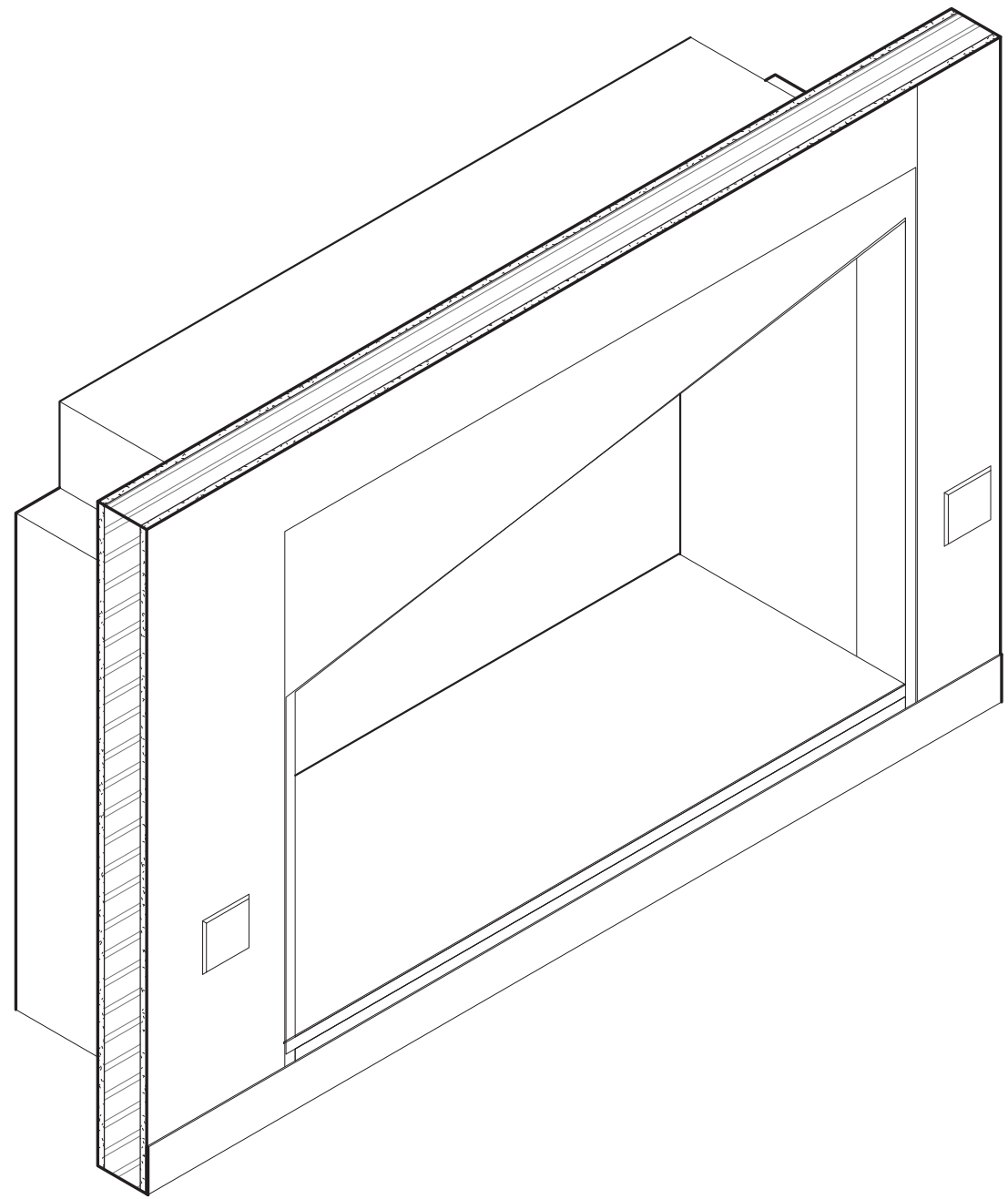
Rye High School & Middle
School

1 Parsons Street, Rye, New York 10580

FURNITURE DETAIL - THIRD
FLOOR - OPEN BOOTH
SEATING

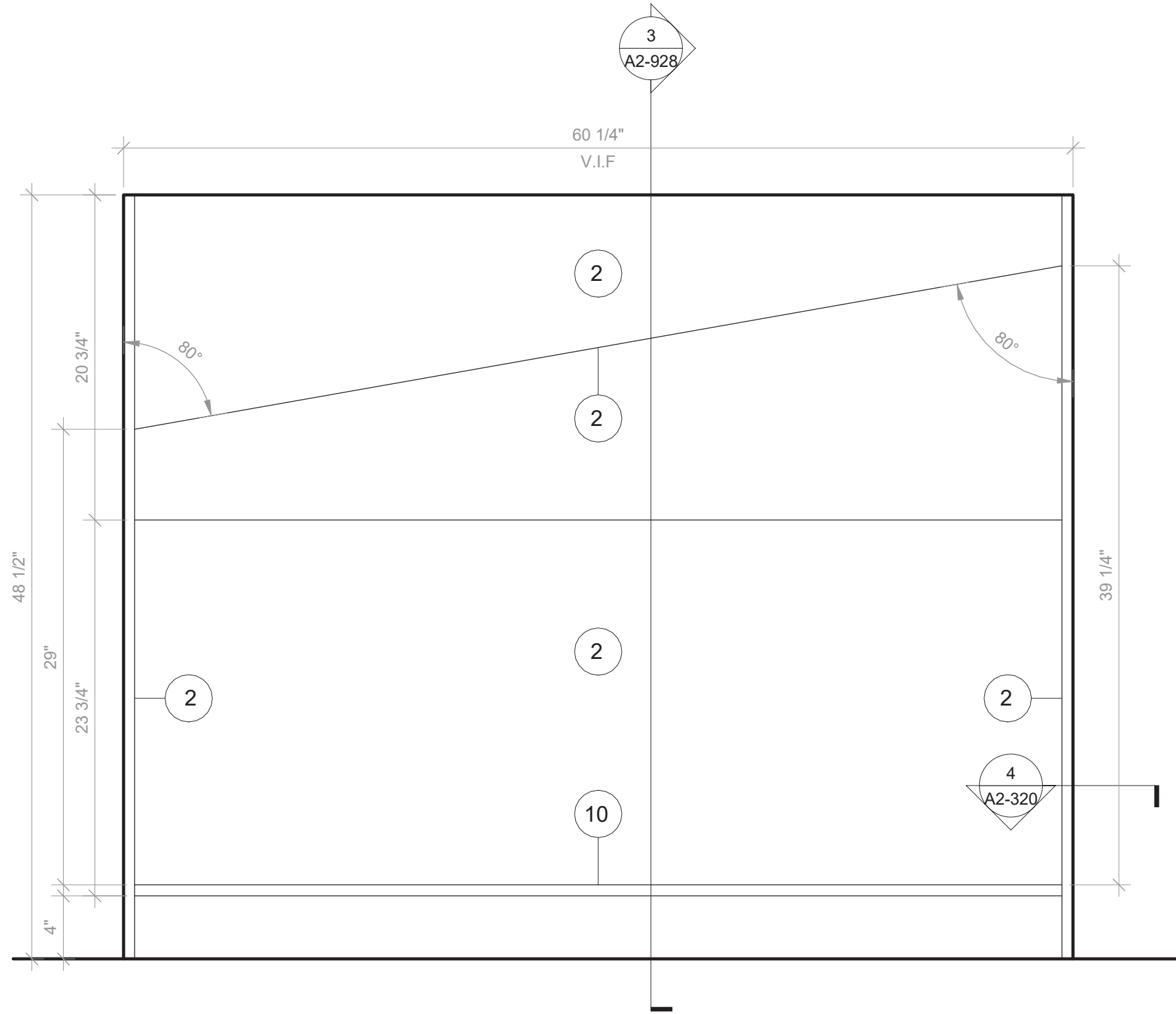
PROJECT 3

SEAL & SIGNATURE | DATE: 05/06/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A2-926



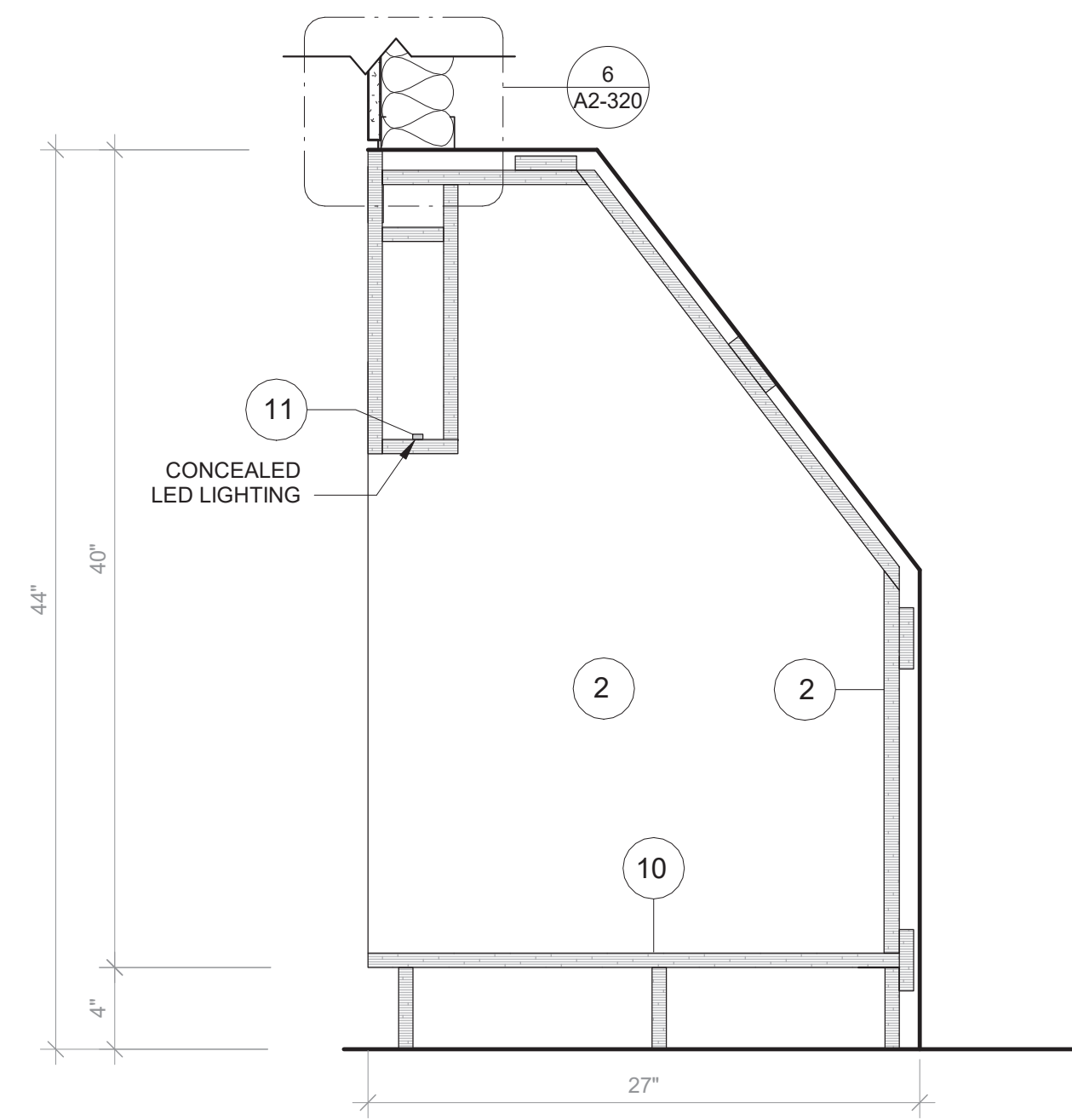
2 Cave Space Type A - Axon

SCALE:



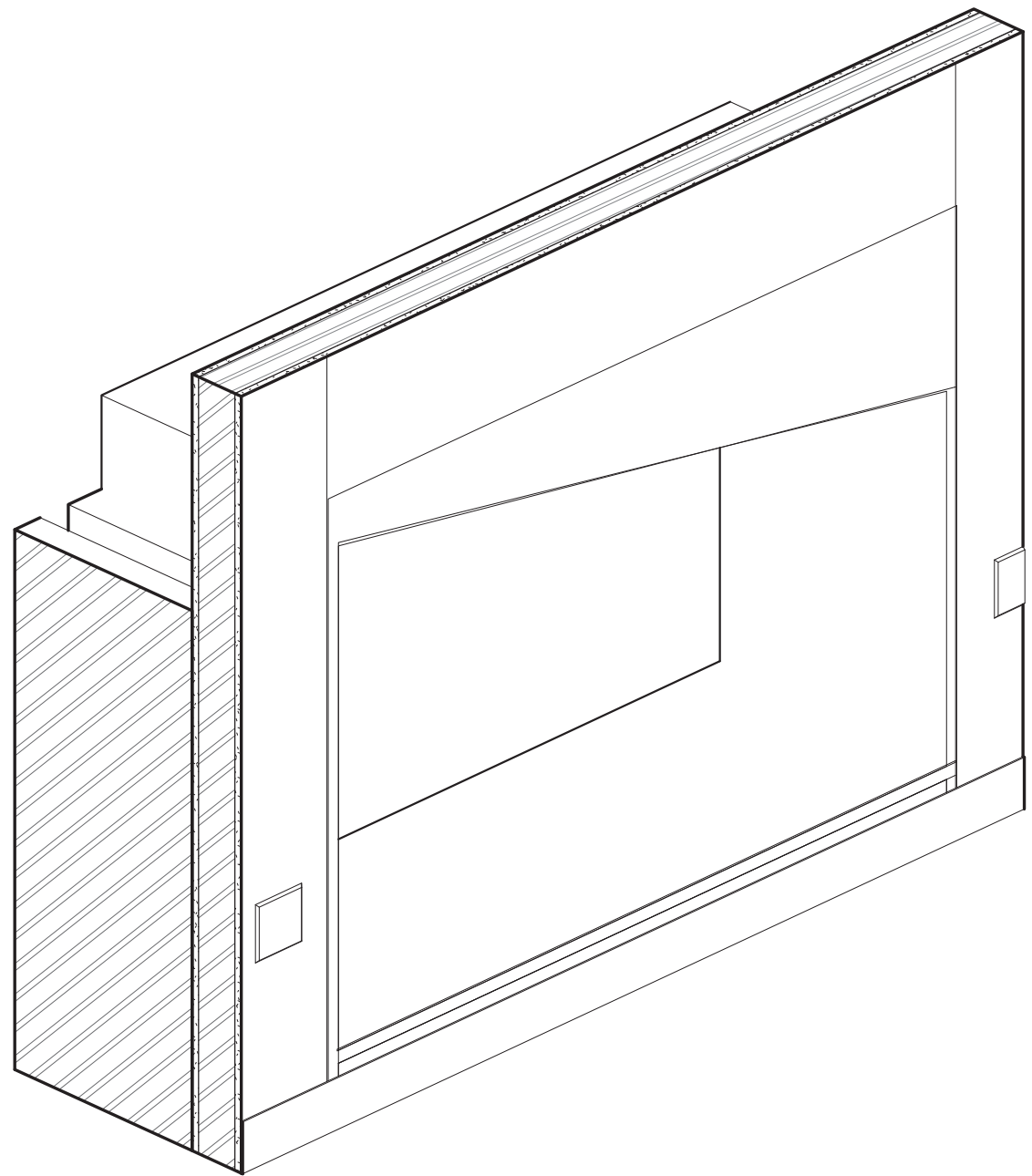
1 Cave Space Type A - Front View

SCALE: 1 1/2\"/>



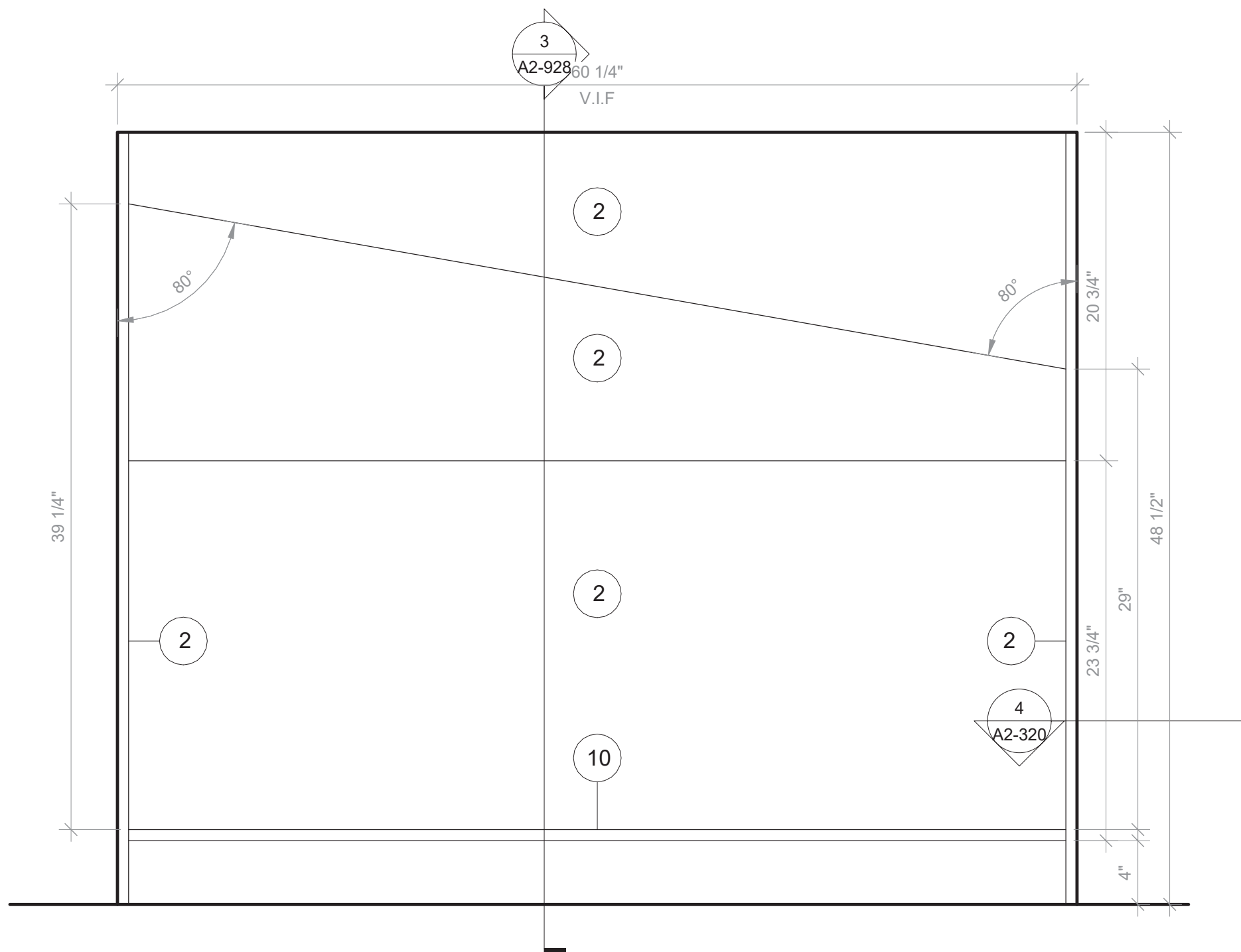
3 Cave Space - Typ. Section

SCALE: 1 1/2\"/>



6 Cave Space Type B - Axon

SCALE:



7 Cave Space Type B - Front View

SCALE: 1 1/2\"/>

NOTE:
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GENERAL NOTES:
1. CASEGOODS CONTRACTOR TO PROVIDE STAMPED SHOP DRAWINGS TO ARCHITECT FOR APPROVAL PRIOR TO BUILDING ANY PART OF CUSTOM FURNISHINGS.
2. FOR ALL OWNER-SUPPLIED CASEGOODS, COORDINATE WITH ARCHITECT TO OBTAIN TEMPLATES AND HOLD DIMENSIONS AS NOTED FOR EACH ITEM

CASEGOODS AND CUSTOM FURNISHINGS FINISH NOTES:
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3. PLYFF-2 - 18mm PRE-FINISHED BALTIC BIRCH PLYWOOD WITH WILSONART 1573 MARKERBOARD FROSTY WHITE PLASTIC LAMINATE ON TAG SIDE; CLEAR, NON-YELLOWING UV FINISH ON OPPOSITE SIDE; EXPOSED EDGES, SANDED SMOOTH AND CLEAR FINISHED. PROVIDE SAMPLE TO ARCHITECT FOR APPROVAL.
4. 1\"/>

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SED #: 6618-0001-0005-032

PROJECT
Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580
Rye High School & Middle School
1 Parsons Street, Rye, New York 10580

FURNITURE DETAIL- CAVE SPACE
PROJECT 3
SEAL & SIGNATURE | DATE: 05/06/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A2-928

No.	Description	Date
1	SED Submission	09/15/2020
2	SED Submission Addendum#1	01/08/2021
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	01/29/2021

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SED #: 6618-0001-0005-031

PROJECT

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

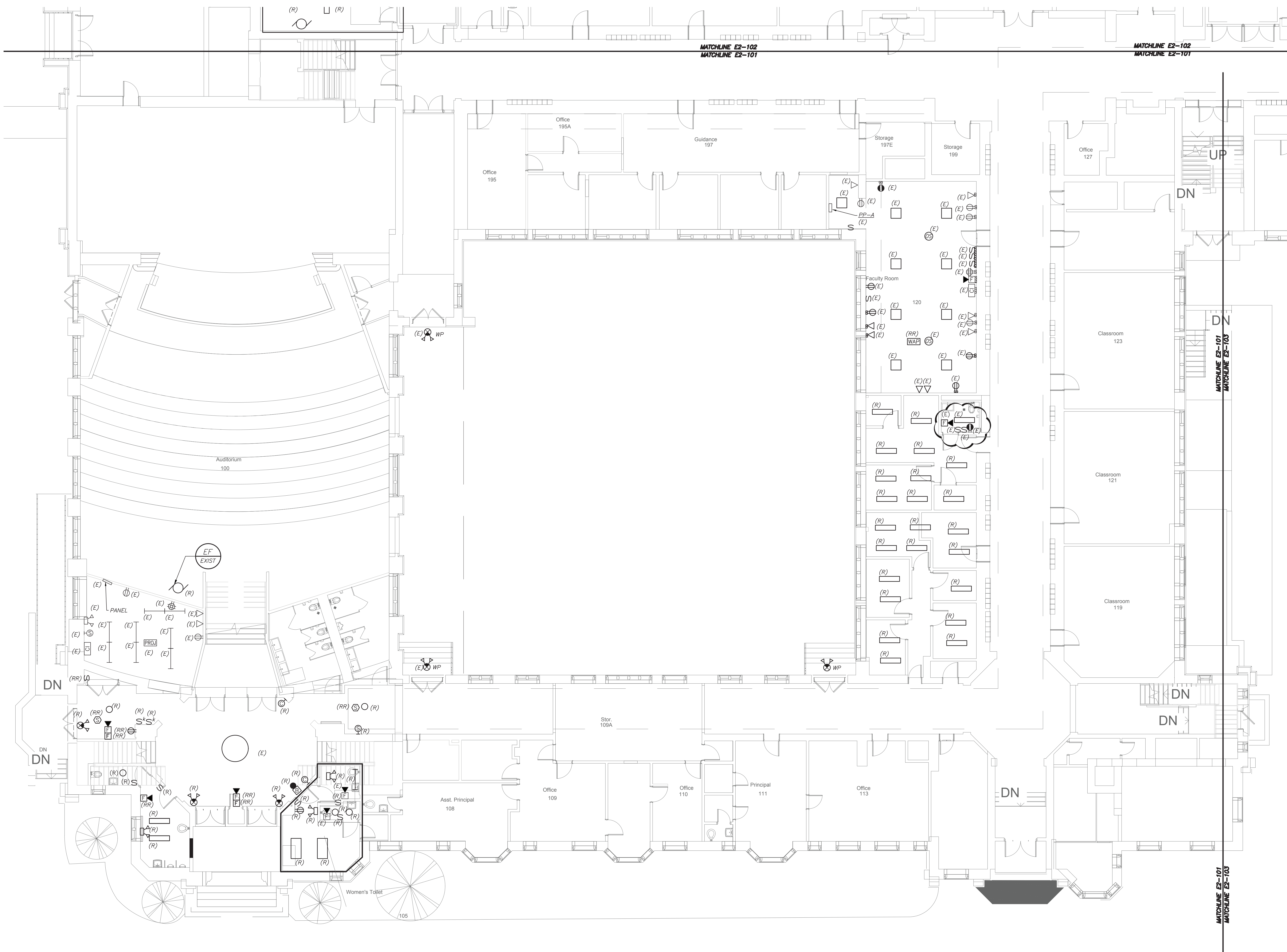
Rye High School & Middle School

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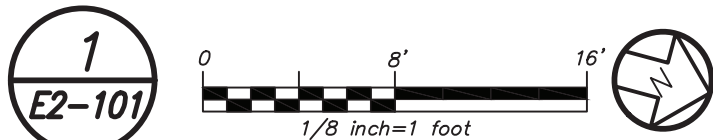
HIGH SCHOOL & MIDDLE SCHOOL SCHEDULE

SEAL & SIGNATURE	DATE: _____ 11/07/11
	PROJECT No: 920
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: H2-302

DBE: TAB: Layout1 - Y:\RYE CITY SD\Rye CSD - 2019 Bond - Phase 2 (1937.00)\Drawings\HVAC\193700H-302-MHS.dwg - DATE: Jan 28, 2021 - 2:31pm



PARTIAL FIRST FLOOR PLAN
(REMOVALS) (PROJECT 1)



****CORRIDOR CEILING WORK NOTES (READ CAREFULLY)**:**

1. CORRIDOR CEILING SHALL BE REMOVED BY OTHER CONTRACTORS. THIS ELECTRICAL CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE TO RE-SUPPORT ALL LOW VOLTAGE WIRING AND MC LINE VOLTAGE CABLE LYING ON THE CEILING TILE, GRID AND NOT PROPERLY SUPPORTED WITH J-HOOKS BEFORE THE START OF THE CEILING REMOVAL. THIS CONTRACTOR SHOULD ANTICIPATE THAT THERE WILL BE APPROXIMATELY 2-20 CABLES ALONG THE WALL AGAINST THE CLASSROOMS ON BOTH SIDES OF THE CORRIDOR. THE CENTER OF THE CORRIDOR HAS APPROXIMATELY 30 TO 50 LOW VOLTAGE CABLES AND 5 TO 10 MC ARMORED LINE VOLTAGE CABLES. INCLUDE THE REWIRING OF APPROXIMATELY 36 - 200'-0" LENGTH LOW VOLTAGE CABLES TO ALLOW CLEARANCE FOR HVAC DUCTWORK AND PIPING. THE LOW VOLTAGE CABLE TYPE CONSISTS OF DATA, TELEPHONE, PA, FIRE ALARM, SECURITY, CAMERAS, AND MECHANICAL EQUIPMENT CONTROL WIRING.
2. THE EXISTING LIGHTING WILL BE MAINTAINED AS TEMPORARY LIGHTING DURING THE DURATION OF ABOVE CEILING WORK. ONCE NEW LIGHTING FIXTURES ARE INSTALLED ALL EXISTING LIGHTING SHALL BE REMOVED IN ITS ENTIRETY INCLUDING BRANCH CIRCUITRY BACK TO SOURCE.
3. ALL CEILING MOUNTED SPEAKERS, FIRE ALARM DEVICES (SMOKE DETECTORS, CARBON DETECTORS, ETC.) ANY SECURITY DEVICES (MOTION SENSORS, ETC. EXCLUDING CAMERAS) SHALL BE RE-SUPPORTED AND MAINTAINED DURING THE DURATION OF ABOVE CEILING WORK. ONCE NEW CEILING INSTALLATION WORK STARTS THIS CONTRACTOR SHALL REINSTALL AND REMOUNT ALL DEVICES IN NEW CEILING TILES IN A NEAT AND CLEAN MANNER. ALL CEILING MOUNTED CAMERAS AND WAP'S WILL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT TO REMOVE AND REINSTALL.
4. THE CORRIDOR CEILING SEQUENCE OF THE WORK SHALL BE COORDINATED WITH CONSTRUCTION MANAGER, SCHOOL DISTRICT AND OTHER CONTRACTORS BEFORE THE START OF ANY WORK.

REMOVAL NOTES:

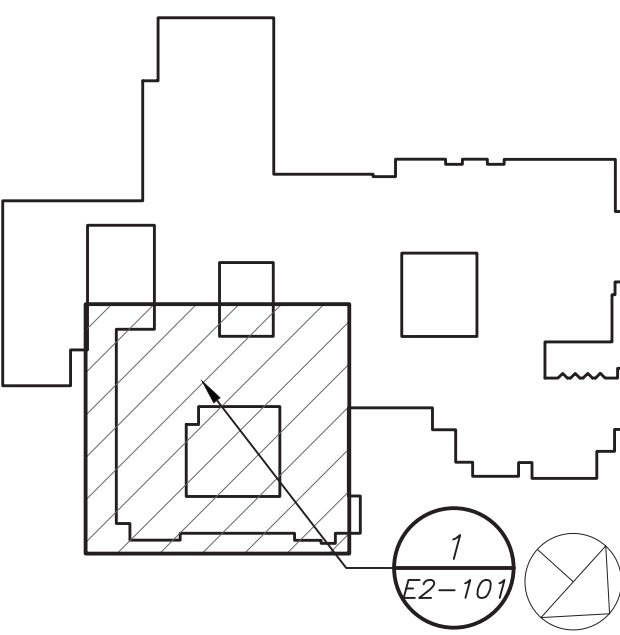
1. REMOVE AND REINSTALL SMOKE DETECTORS IN ANY CLASSROOM, OFFICES ETC. WHERE CEILING IS BEING REPLACED. MAINTAIN THE EXISTING FIRE ALARM LOOP CONTINUITY FOR ALL EXISTING DEVICES REMAINING.
2. REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS IN CLASSROOM, OFFICES, ETC. SHALL BE DONE BY SCHOOL DISTRICT. COORDINATE WITH CONSTRUCTION MANAGER AND SCHOOL DISTRICT BEFORE THE START OF ANY WORK.
3. REFER TO CORRIDOR CEILING WORK NOTES FOR ADDITIONAL SCOPE.

WORK NOTES:

1. PROJECTORS SHALL BE REMOVED, BUBBLED WRAP FOR PROTECTION, STORED AND REINSTALLED BY ELECTRICAL CONTRACTOR.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

Revision Schedule		
No.	Description	Date
1	SED Submission	09/15/2020
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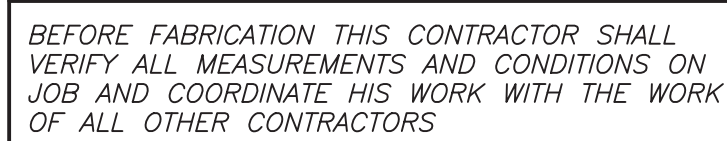
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SED #: 6618-0001-0005-031

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HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR REMOVAL PLAN

PROJECT 1	
SEAL & SIGNATURE	DATE: 11/07/19
	PROJECT No: 9200
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: E2-101



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SEAL & SIGNATURE	DATE:	11/07/19
	PROJECT No:	9200
	DRAWING BY:	BGA
	CHK BY:	BGA
	DWG No:	E2-201

1. ALL RENOVATED LOBBY AREAS SHALL BE CONTROLLED VIA TWO SEPARATE EXISTING MANUAL WALL MOUNTED KEY SWITCHES AND OCCUPANCY SENSORS. THE OCCUPANCY SENSORS SHALL HAVE AUTO ON-AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS IN THE DESIGNATED ZONE OFF AFTER 20 MINUTES WHEN CORRIDOR IS VACANT. THE OCCUPANCY SENSOR SHALL CONTROL ONLY NORMAL/NON-EMERGENCY LIGHTING. THE LIGHTING FIXTURE DESIGNATED WITH EMERGENCY FEATURE SHALL BE CONTROLLED VIA WALL MOUNTED KEY SWITCH . UL 924 EMERGENCY LIGHTING LABEL (R) ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOSS OF POWER.

1. CIRCUIT NUMBERS FOR CONTRACTOR GUIDANCE ONLY. WIRE LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.
2. WIRE NEW CORRIDOR LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.
3. WIRE EMERGENCY LIGHTING TO EMERGENCY LIGHTING CIRCUIT IN AREA.
4. ELECTRICAL CONTRACTOR TO REFURBISH AND REWIRE EXISTING HISTORIC FIXTURE. RELOCATE FIXTURE TO BE MOUNTED ON PROPOSED BRACKET.
5. WIRE LIGHTING FIXTURE TO EMERGENCY LIGHTING CIRCUIT IN AREA REFER TO E2-207

PHASE 1 NOTES:

A APPROVED IN PHASE 1, SED #6618001-0003-024 ON 3/16/20

WORK NOTES:

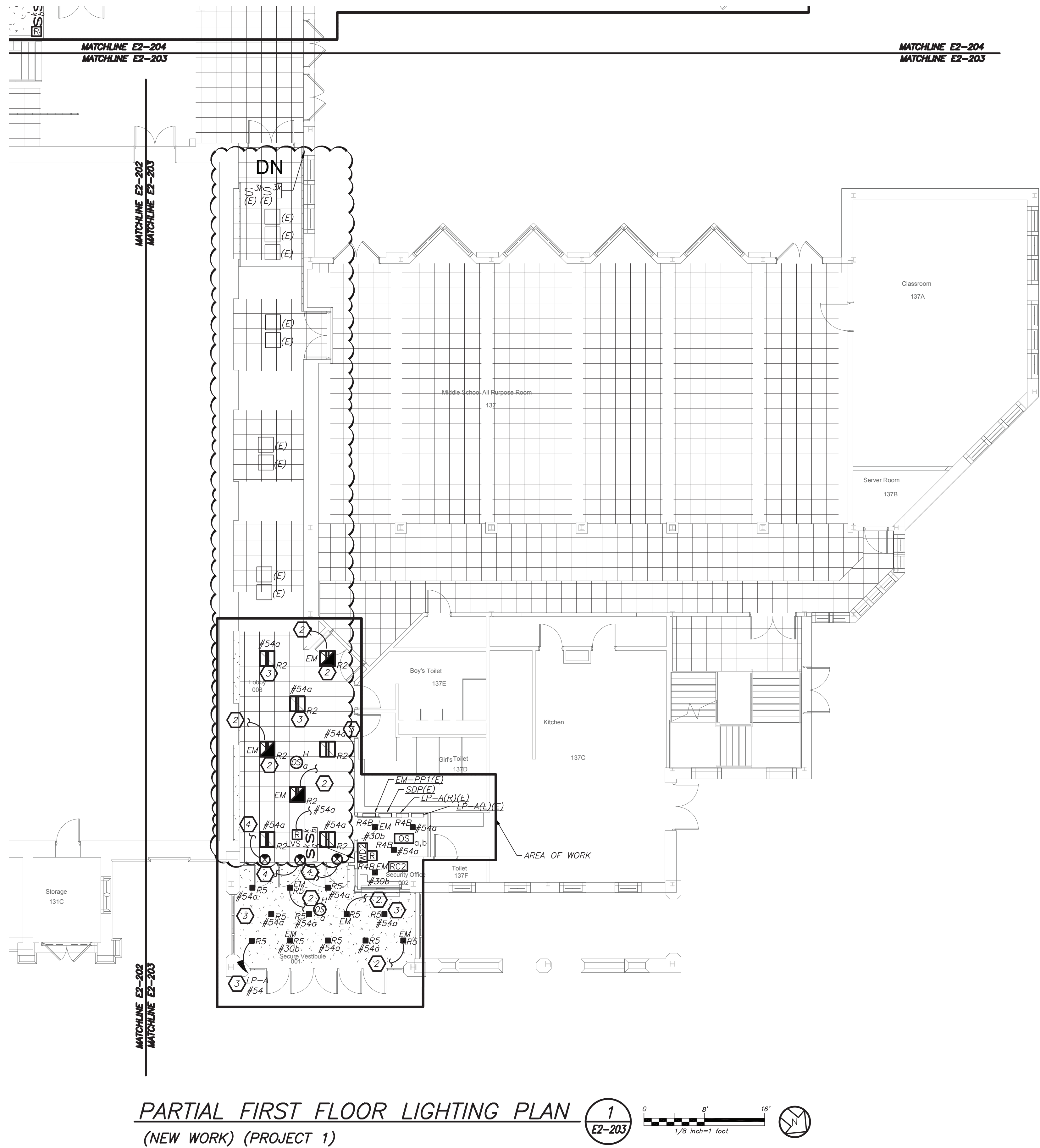
- 1 NOT USED
- 2 CIRCUIT NEW EMERGENCY LIGHTING TO EXISTING EMERGENCY CIRCUIT SERVING CORRIDOR. EC TO CONFIRM CIRCUIT IN FIELD. PROVIDE 2#12+1#12G IN 3/4" FROM NEW LIGHTS TO EXISTING LIGHT FIXTURES.
- 3 CIRCUIT NEW NORMAL LIGHTING ON EXISTING LIGHTING CIRCUIT IN THIS AREA. CIRCUIT NUMBER ARE FOR REFERENCE ONLY. EC TO CONFIRM CIRCUIT # IN FIELD. PROVIDE 2#12+1#12G IN 3/4" FROM SOURCE PANELBOARD TO FEED NEW LIGHT FIXTURES. PROVIDE NEW KEY SWITCH AS SHOWN.
- 4 CIRCUIT EXIT LIGHTS TO THE EM LIGHTING CIRCUIT IN THIS AREA, AHEAD OF ANY SWITCHING.

LIGHTING CONTROL AND SEQUENCE OF OPERATION:

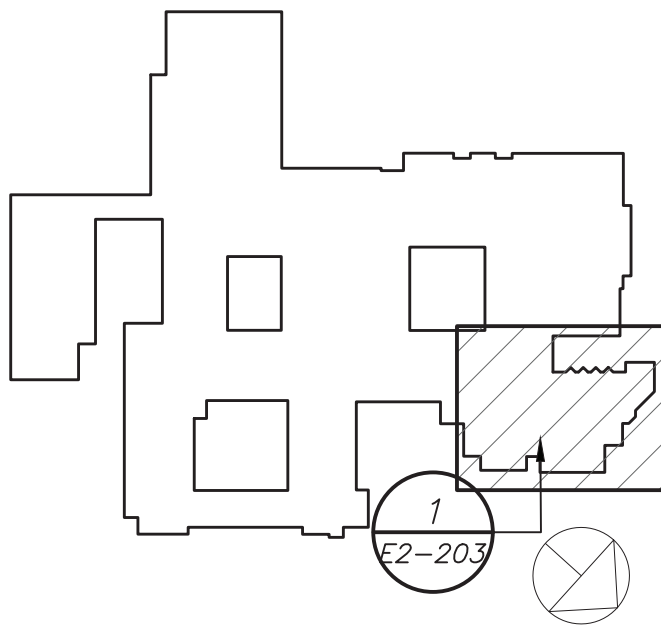
1. NEW LEARNING COMMONS ILAB ARE CONTROLLED VIA MANUAL ON DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. IT CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C' 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. UL 924 EMERGENCY LIGHTING RELAY ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON 100% IN THE EVENT OF EMERGENCY.
2. SMALL GROUP ROOMS ARE CONTROLLED VIA DIMMER SWITCH WITH FULL DIMMING CAPABILITY. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. EMERGENCY LIGHTING RELAY ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON 100% IN THE EVENT OF EMERGENCY.
3. OFFICES AND SEMINAR ROOMS ARE CONTROLLED VIA MANUAL ON DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH OFFICE CONSISTS OF FULL DIMMING CAPABILITY. WALL SWITCHES CONSISTS OF 'ON', 'RAISE', 'LOWER', AND 'OFF' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. UL 924 EMERGENCY LIGHTING RELAY ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF EMERGENCY.
4. ALL RENOVATED LOBBY AREAS SHALL BE CONTROLLED VIA EXISTING LOCAL WALL SWITCHES. OVER LAPPED LONG RANGE OCCUPANCY SENSORS (AUTO ON, AUTO OFF) IN EACH CORRIDOR WILL FUNCTION INDEPENDENTLY AS LOCAL ZONES.
5. ALL RENOVATED LOBBY AREAS SHALL BE CONTROLLED VIA TWO SEPARATE EXISTING MANUAL WALL MOUNTED KEY SWITCHES AND OCCUPANCY SENSORS. THE OCCUPANCY SENSORS SHALL HAVE AUTO ON-AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS IN THE DESIGNATED ZONE OFF AFTER 20 MINUTES WHEN CORRIDOR IS VACANT. THE OCCUPANCY SENSOR SHALL CONTROL ONLY NORMAL/NON-EMERGENCY LIGHTING. THE LIGHTING FIXTURE DESIGNATED WITH EMERGENCY FEATURE SHALL BE CONTROLLED VIA WALL MOUNTED KEY SWITCH. UL 924 EMERGENCY LIGHTING RELAY (R) ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOSS OF POWER.

GENERAL NOTES:

1. REFER TO DRAWING E2-001 FOR LEGEND AND LIGHTING CONTROL AND E2-601 FOR LIGHTING FIXTURE SCHEDULE.
2. REFER TO DRAWING E2-600 SERIES FOR PANELBOARD SCHEDULES.
3. REFER TO DRAWING E2-701 AND E2-702 FOR LIGHTING CONTROL WIRING DIAGRAMS AND DETAILS.
4. NORMAL SIDE SENSING LINE ON ALL EMERGENCY LIGHTING RELAY SHALL BE CIRCUITED TO THE NORMAL LIGHTING CIRCUIT IN THE ROOM/AREA IT SERVES.
5. FOR ALL AREAS CONTROLLED BY ROOM CONTROLLER "RC", ELECTRICAL CONTRACTOR IS TO CIRCUIT ROOM CONTROLLER, THEN EXTEND LINE VOLTAGE CIRCUITRY TO EACH OF THE LIGHT FIXTURES DEPENDING ON CONTROL ZONES. REFER TO ROOM CONTROLLER WIRING DIAGRAM DETAILS ON DRAWING E2-702.
6. ALL EXIT LIGHTS SHALL BE CIRCUITED TO NORMAL LIGHTING CIRCUIT IN THE AREA, AHEAD OF ANY SWITCHING.
7. SET LIGHTING CONTROL SENSORS TO HIGHEST SENSITIVITY AVAILABLE PRIOR TO INSTALLATION.



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SED #: 6618-0001-0005-031

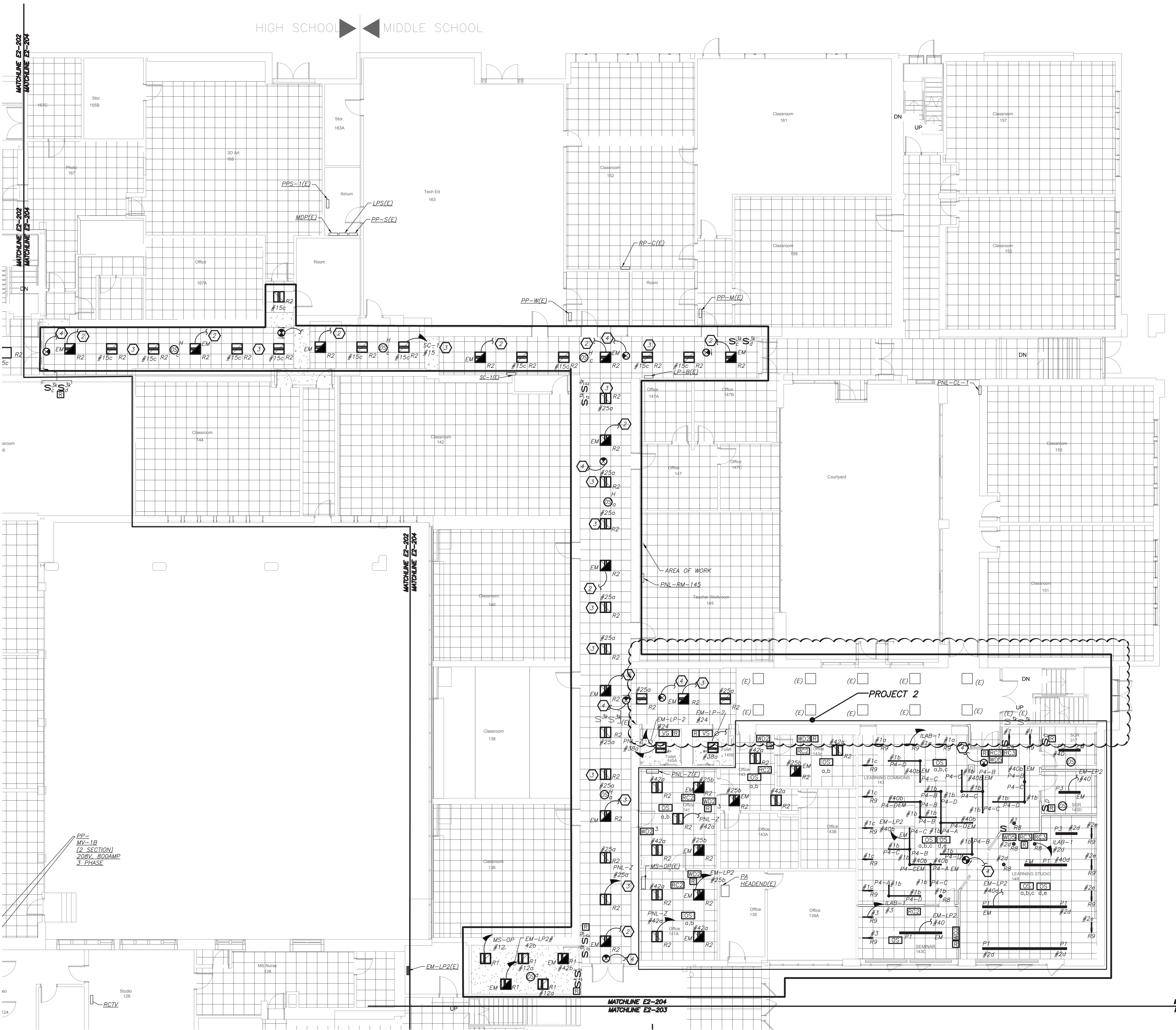
PROJECT
Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580
Rye High School & Middle School
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR LIGHTING PLAN

PROJECT 1

SEAL & SIGNATURE	DATE: 11/07/19 PROJECT No: 9200 DRAWING BY: BGA CHK BY: BGA DWG No: E2-203
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BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



PARTIAL FIRST FLOOR LIGHTING PLAN
(NEW WORK) (PROJECT 1 & 2)

WORK NOTES:

- APPROVED IN PHASE 1, SED #6618001-0005-031 ON 03/16/20.
- CIRCUIT NEW EMERGENCY LIGHTING TO EMERGENCY PANELBOARD CIRCUIT MADE SPARE BY DEMO WORK. EC TO CONFIRM CIRCUIT IN FIELD. PROVIDE 2#12+1#12G IN 3/4" FROM SOURCE PANELBOARD TO FEED NEW LIGHT FIXTURES.
- CIRCUIT NEW NORMAL LIGHTING ON EXISTING LIGHTING CIRCUIT IN THIS AREA. CIRCUIT NUMBER ARE FOR REFERENCE ONLY. EC TO CONFIRM CIRCUIT # IN FIELD. PROVIDE 2#12+1#12G IN 3/4" FROM SOURCE PANELBOARD TO FEED NEW LIGHT FIXTURES.
- CIRCUIT EXIT LIGHTS TO THE EM LIGHTING CIRCUIT IN THIS AREA, AHEAD OF ANY SWITCHING.

LIGHTING CONTROL AND SEQUENCE OF OPERATION:

- NEW LEARNING COMMONS (LAB) ARE CONTROLLED VIA MANUAL ON DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. IT CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C' 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. EMERGENCY LIGHTING RELAY ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON 100% IN THE EVENT OF EMERGENCY.
- SMALL GROUP ROOMS ARE CONTROLLED VIA DIMMER SWITCH WITH FULL DIMMING CAPABILITY. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. EMERGENCY LIGHTING RELAY ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON 100% IN THE EVENT OF EMERGENCY.
- OFFICES AND SEMINAR ROOMS ARE CONTROLLED VIA MANUAL ON DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH OFFICE CONSISTS OF FULL DIMMING CAPABILITY. WALL SWITCHES CONSISTS OF 'ON', 'RAISE', 'LOWER', AND 'OFF' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. EMERGENCY LIGHTING RELAY ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON 100% IN THE EVENT OF EMERGENCY.
- ALL RENOVATED LOBBY AREAS SHALL BE CONTROLLED VIA EXISTING LOCAL WALL SWITCHES, OVER LAPPED LONG RANGE OCCUPANCY SENSORS (AUTO ON, AUTO OFF) IN EACH CORRIDOR WILL FUNCTION INDEPENDENTLY AS LOCAL ZONES.

GENERAL NOTES:

- REFER TO DRAWING E2-001 FOR LEGEND AND LIGHTING CONTROL AND E2-601 FOR LIGHTING FIXTURE SCHEDULE.
- REFER TO DRAWING E2-600 SERIES FOR PANELBOARD SCHEDULES.
- REFER TO DRAWING E2-701 AND E2-702 FOR LIGHTING CONTROL WIRING DIAGRAMS AND DETAILS.
- NORMAL SIDE SENSING LINE ON ALL EMERGENCY LIGHTING RELAY SHALL BE CIRCUITED TO THE NORMAL LIGHTING CIRCUIT IN THE ROOM/AREA IT SERVES.
- FOR ALL AREAS CONTROLLED BY ROOM CONTROLLER "RC", ELECTRICAL CONTRACTOR IS TO CIRCUIT ROOM CONTROLLER, THEN EXTEND LINE VOLTAGE CIRCUITRY TO EACH OF THE LIGHT FIXTURES DEPENDING ON CONTROL ZONES. REFER TO ROOM CONTROLLER WIRING DIAGRAM DETAILS ON DRAWING E2-702.
- ALL EXIT LIGHTS SHALL BE CIRCUITED TO NORMAL LIGHTING CIRCUIT IN THE AREA, AHEAD OF ANY SWITCHING.
- SET LIGHTING CONTROL SENSORS TO HIGHEST SENSITIVITY AVAILABLE PRIOR TO INSTALLATION.

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SED #: 6618-0001-0005-031

PROJECT

Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

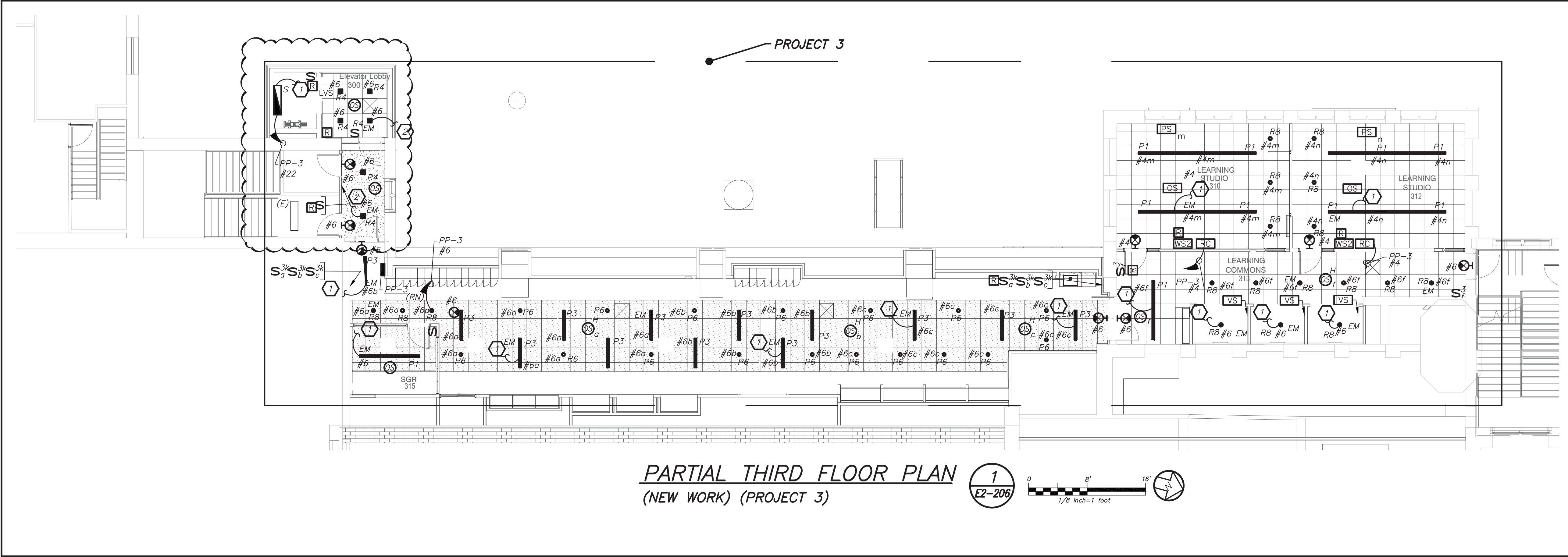
Rye High School & Middle School
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR LIGHTING PLAN

PROJECT 1 & 2

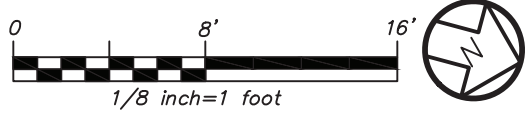
SEAL & SIGNATURE	DATE:	11/07/19
	PROJECT No:	9200
	DRAWING BY:	BGA
	CHK BY:	BGA
	DWG No:	E2-204

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



PARTIAL THIRD FLOOR PLAN
(NEW WORK) (PROJECT 3)

1
E2-206



LIGHTING CONTROL AND SEQUENCE OF OPERATION:

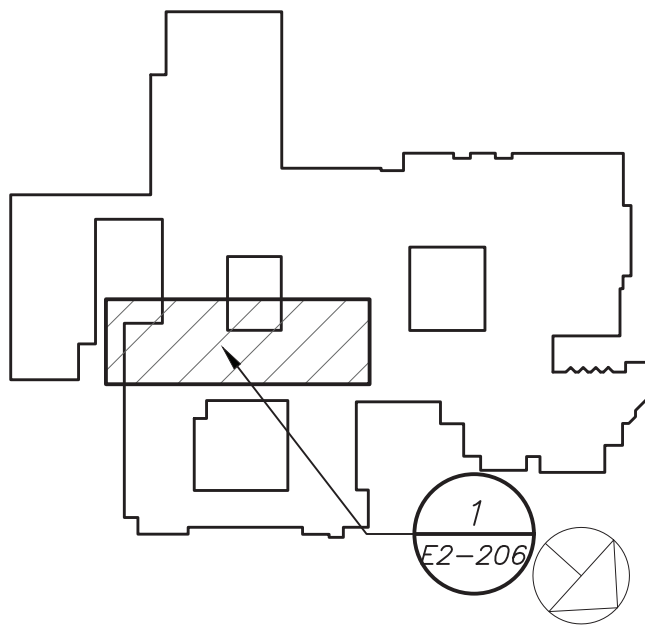
1. ALL RENOVATED LOBBY AREAS SHALL BE CONTROLLED VIA TWO SEPARATE EXISTING MANUAL WALL MOUNTED KEY SWITCHES AND OCCUPANCY SENSORS. THE OCCUPANCY SENSORS SHALL HAVE AUTO ON-AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS IN THE DESIGNATED ZONE OFF AFTER 20 MINUTES WHEN CORRIDOR IS VACANT. THE OCCUPANCY SENSOR SHALL CONTROL ONLY NORMAL/NON-EMERGENCY LIGHTING. THE LIGHTING FIXTURE DESIGNATED WITH EMERGENCY FEATURE SHALL BE CONTROLLED VIA WALL MOUNTED KEY SWITCH, UL 924 EMERGENCY LIGHTING RELAY (R) ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOSS OF POWER.

WORK NOTES:

1. CIRCUIT FIXTURE TO EMERGENCY LIGHTING CIRCUIT IN THE AREA.
2. CIRCUIT FIXTURE TO STAIRWAY EMERGENCY LIGHTING CIRCUIT AND CONTROLS.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

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SED #: 6618-0001-0005-031

PROJECT

Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle
School

1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE
SCHOOL PART THIRD
FLOOR LIGHTING PLAN

PROJECT 3

SEAL & SIGNATURE	DATE:	11/07/19
	PROJECT No:	9200
	DRAWING BY:	BGA
	CHK BY:	BGA
	DWG No:	E2-206

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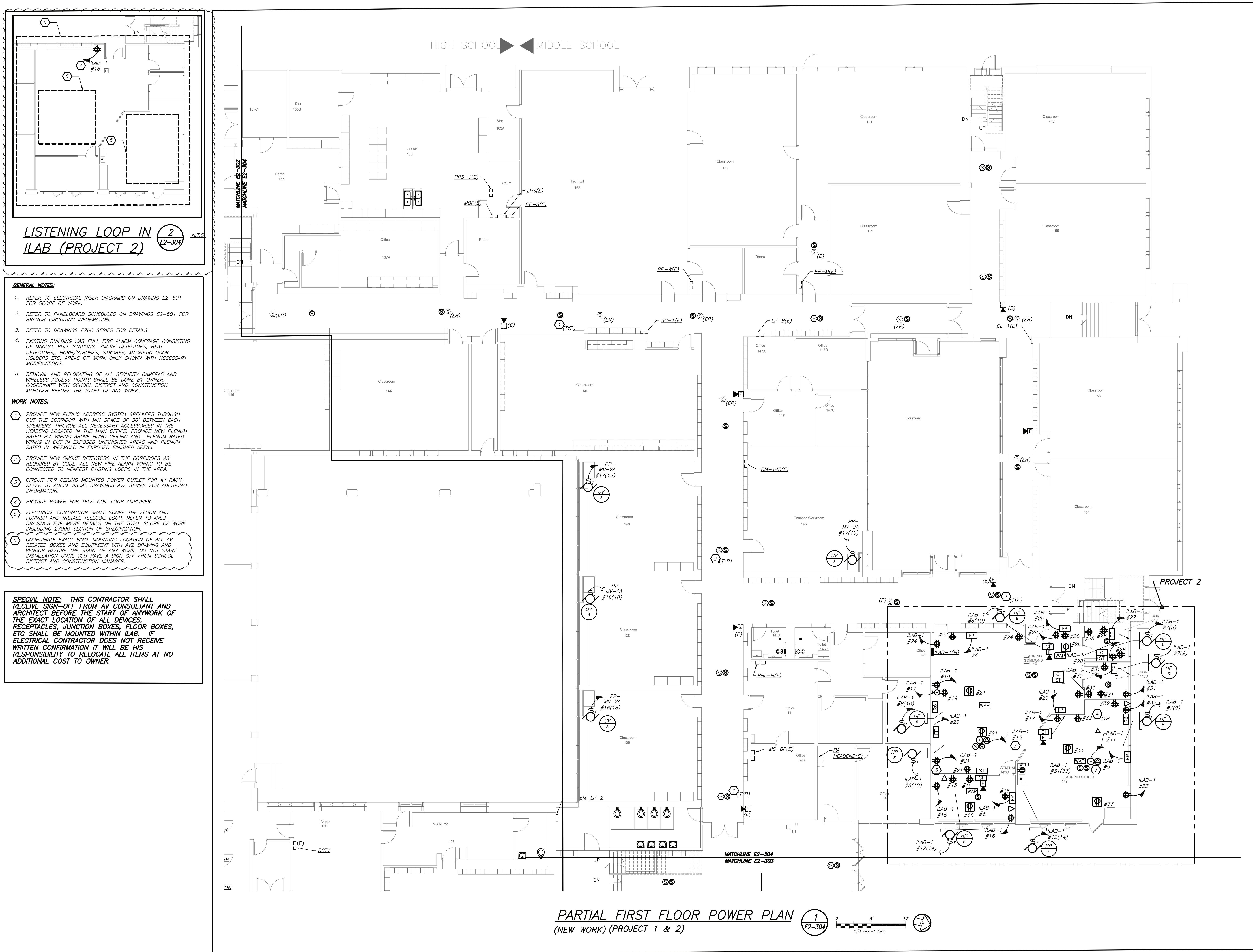
SEAL & SIGNATURE	DATE:	11/07/19
	PROJECT No:	9200
	DRAWING BY:	BGA
	CHK BY:	BGA
	DWG No:	E2-302



- 1 PROVIDE NEW P.A SYSTEM SPEAKERS THROUGH OUT THE CORRIDOR WITH MIN SPACE OF 30' BETWEEN EACH SPEAKERS. PROVIDE ALL NECESSARY ACCESSORIES IN THE HEADEND LOCATED IN THE MAIN OFFICE. PROVIDE NEW PLENUM RATED P.A WIRING ABOVE HUNG CEILING, PLENUM AND PLENUM RATED WIRING IN EMT IN EXPOSED UNFINISHED AREAS.
- 2 PROVIDE NEW SMOKE DETECTORS IN THE CORRIDORS AS REQUIRED BY CODE. ALL NEW FIRE ALARM WIRING TO BE CONNECTED TO NEAREST EXISTING LOOPS IN THE AREA
- 3 ELECTRICAL CONTRACTOR SHALL COORDINATE ALL DEVICE LOCATIONS PERTAINING TO THE ELEVATOR WITH ELEVATOR VENDOR/TECH BEFORE THE START OF ANY WORK.

1. REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



LISTENING LOOP IN ILAB (PROJECT 2)

GENERAL NOTES:

- REFER TO ELECTRICAL RISER DIAGRAMS ON DRAWING E2-501 FOR SCOPE OF WORK.
- REFER TO PANELBOARD SCHEDULES ON DRAWINGS E2-601 FOR BRANCH CIRCUITING INFORMATION.
- REFER TO DRAWINGS E700 SERIES FOR DETAILS.
- EXISTING BUILDING HAS FULL FIRE ALARM COVERAGE CONSISTING OF MANUAL PULL STATIONS, SMOKE DETECTORS, HEAT DETECTORS, HORN/STROBES, STROBES, MAGNETIC DOOR HOLDERS ETC. AREAS OF WORK ONLY SHOWN WITH NECESSARY MODIFICATIONS.
- REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER. COORDINATE WITH SCHOOL DISTRICT AND CONSTRUCTION MANAGER BEFORE THE START OF ANY WORK.

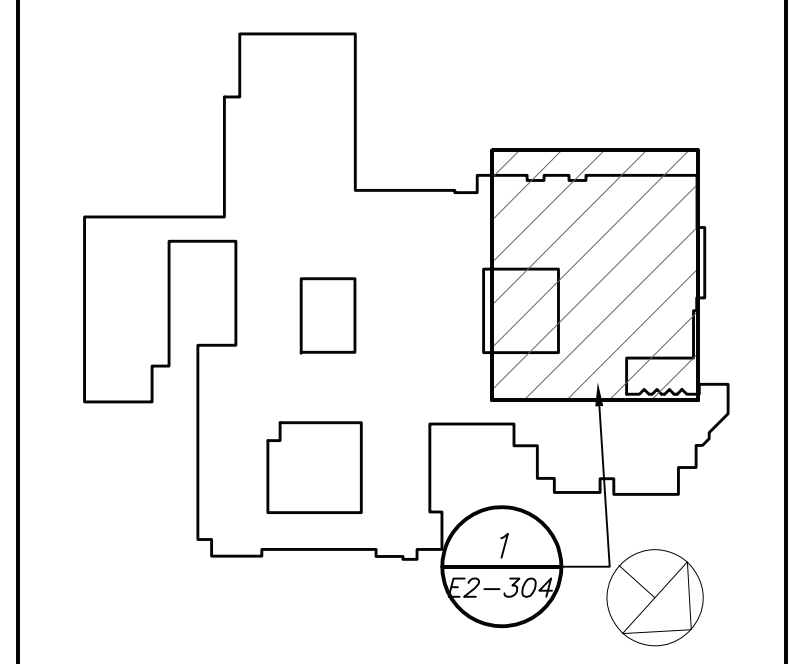
WORK NOTES:

- PROVIDE NEW PUBLIC ADDRESS SYSTEM SPEAKERS THROUGH OUT THE CORRIDOR WITH MIN SPACE OF 50' BETWEEN EACH SPEAKERS. PROVIDE ALL NECESSARY ACCESSORIES IN THE HEADEND LOCATED IN THE MAIN OFFICE. PROVIDE NEW PLENUM RATED P.A WIRING ABOVE HUNG CEILING AND PLENUM RATED WIRING IN EMT IN EXPOSED UNFINISHED AREAS AND PLENUM RATED IN WIREMOLD IN EXPOSED FINISHED AREAS.
- PROVIDE NEW SMOKE DETECTORS IN THE CORRIDORS AS REQUIRED BY CODE. ALL NEW FIRE ALARM WIRING TO BE CONNECTED TO NEAREST EXISTING LOOPS IN THE AREA.
- CIRCUIT FOR CEILING MOUNTED POWER OUTLET FOR AV RACK. REFER TO AUDIO VISUAL DRAWINGS AVE SERIES FOR ADDITIONAL INFORMATION.
- PROVIDE POWER FOR TELE-COIL LOOP AMPLIFIER.
- ELECTRICAL CONTRACTOR SHALL SCORE THE FLOOR AND FURNISH AND INSTALL TELECOIL LOOP. REFER TO AVE2 DRAWINGS FOR MORE DETAILS ON THE TOTAL SCOPE OF WORK INCLUDING 27000 SECTION OF SPECIFICATION.
- COORDINATE EXACT FINAL MOUNTING LOCATION OF ALL AV RELATED BOXES AND EQUIPMENT WITH AVE2 DRAWING AND VENDOR BEFORE THE START OF ANY WORK. DO NOT START INSTALLATION UNTIL YOU HAVE A SIGN OFF FROM SCHOOL DISTRICT AND CONSTRUCTION MANAGER.

SPECIAL NOTE: THIS CONTRACTOR SHALL RECEIVE SIGN-OFF FROM AV CONSULTANT AND ARCHITECT BEFORE THE START OF ANYWORK OF THE EXACT LOCATION OF ALL DEVICES, RECEPTACLES, JUNCTION BOXES, FLOOR BOXES, ETC SHALL BE MOUNTED WITHIN ILAB. IF ELECTRICAL CONTRACTOR DOES NOT RECEIVE WRITTEN CONFIRMATION IT WILL BE HIS RESPONSIBILITY TO RELOCATE ALL ITEMS AT NO ADDITIONAL COST TO OWNER.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

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SED #: 6618-0001-0005-031

PROJECT
Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle School
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR POWER AND FA PLAN

PROJECT 1 & 2

SEAL & SIGNATURE **DATE:** 11/07/19
PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No: E2-304

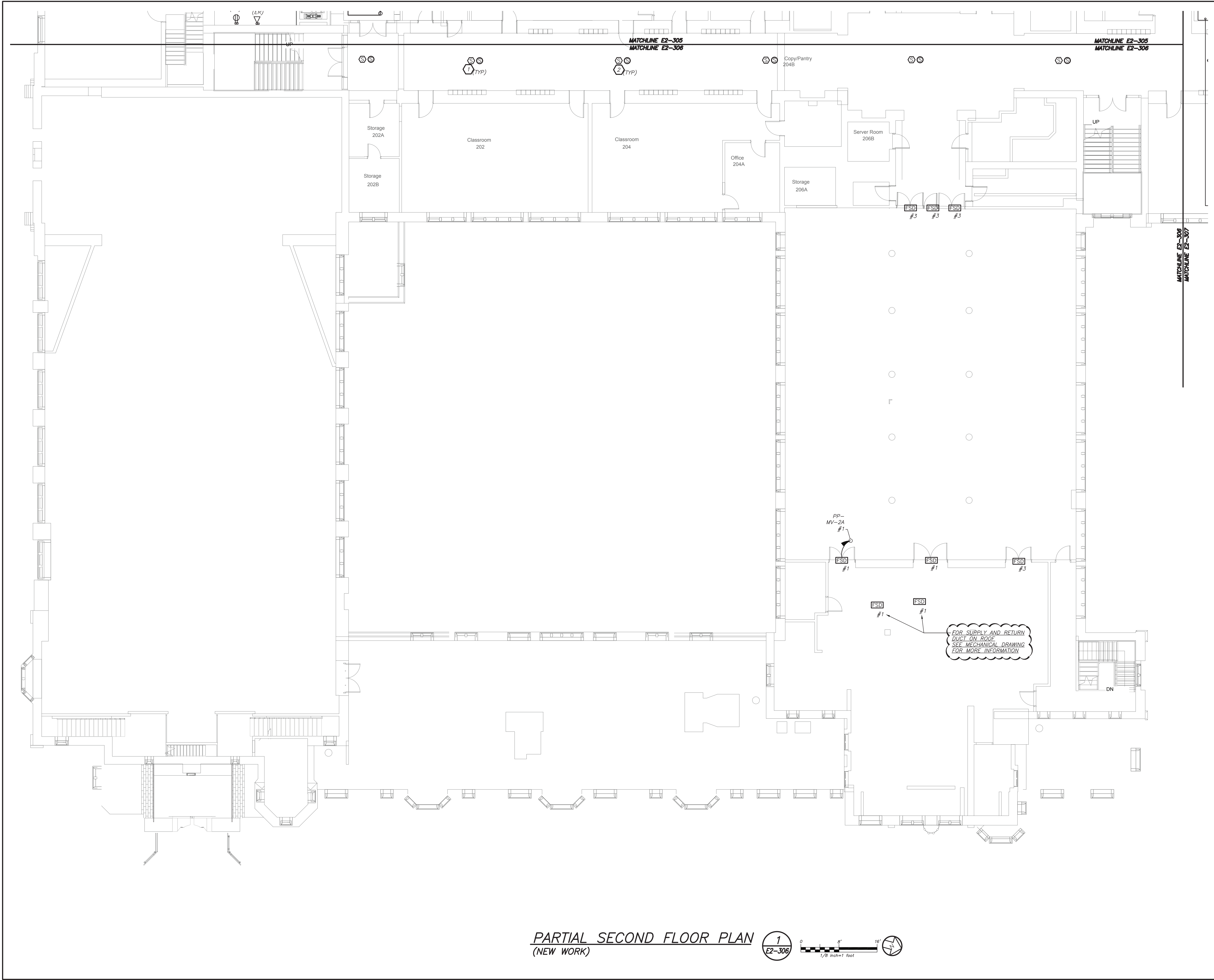
GENERAL NOTES:

1. REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER.

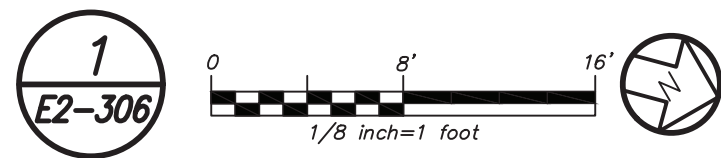
WORK NOTES:

1. PROVIDE NEW P.A SYSTEM SPEAKERS THROUGH OUT THE CORRIDOR WITH MIN SPACE OF 30' BETWEEN EACH SPEAKERS. PROVIDE ALL NECESSARY ACCESSORIES IN THE HEADEND LOCATED IN THE MAIN OFFICE. PROVIDE NEW PLENUM RATED P.A WIRING ABOVE HUNG CEILING, PLENUM AND PLENUM RATED WIRING IN EMT IN EXPOSED UNFINISHED AREAS.

2. PROVIDE NEW SMOKE DETECTORS IN THE CORRIDORS AS REQUIRED BY CODE. ALL NEW FIRE ALARM WIRING TO BE CONNECTED TO NEAREST EXISTING LOOPS IN THE AREA.

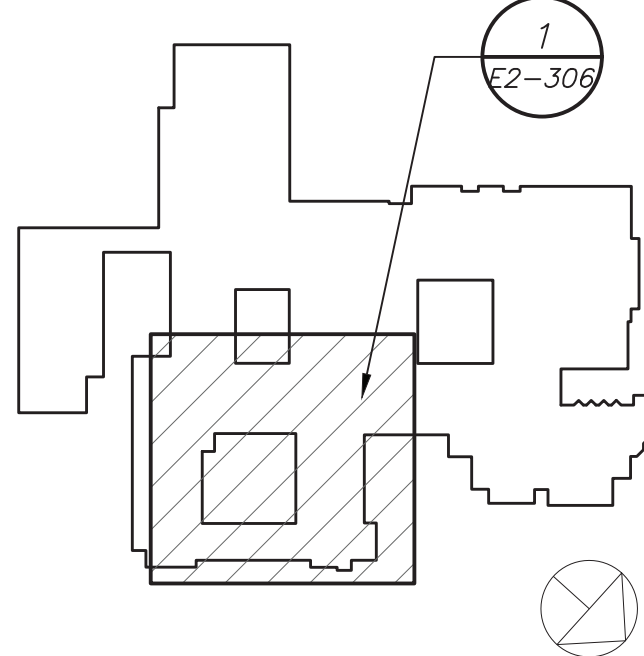


PARTIAL SECOND FLOOR PLAN
(NEW WORK)



Revision Schedule

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SED #: 6618-0001-0005-031

PROJECT

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle

School

1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE
SCHOOL PART SECOND
FLOOR POWER AND FA PLAN

PROJECT 1

SEAL & SIGNATURE DATE: 11/07/19

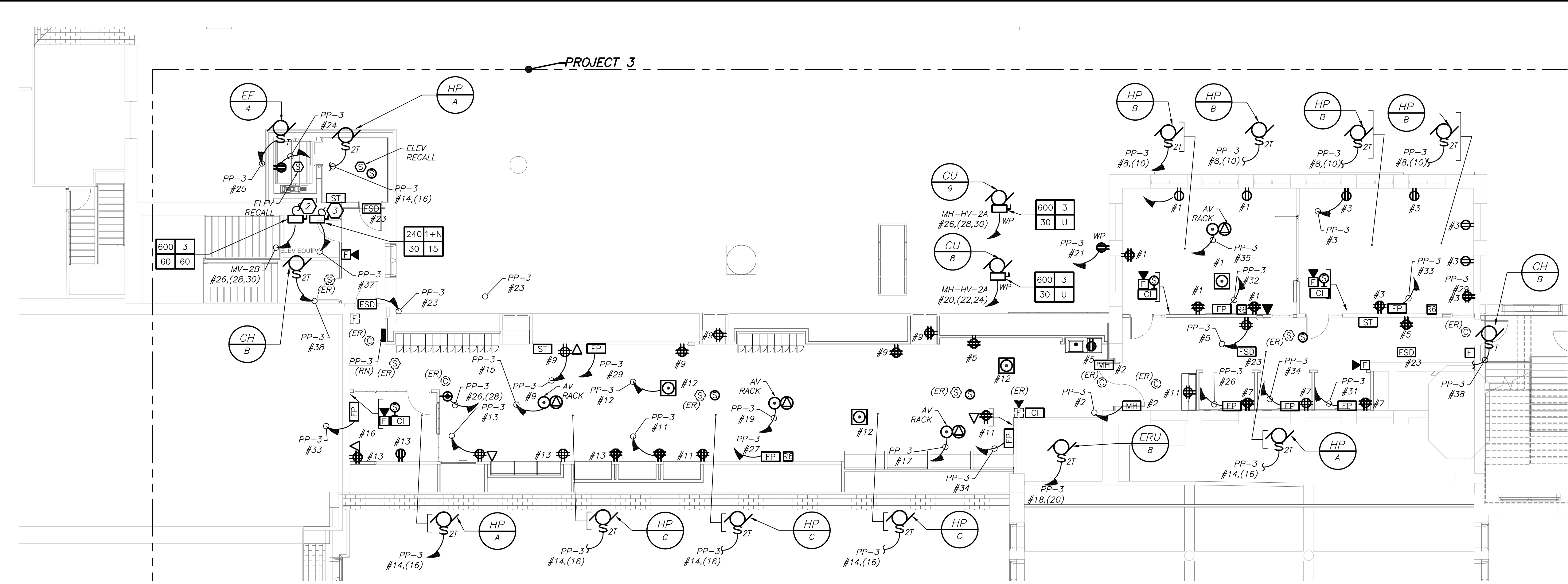
PROJECT No: 9200

DRAWING BY: BGA

CHK BY: BGA

DWG No: E2-306

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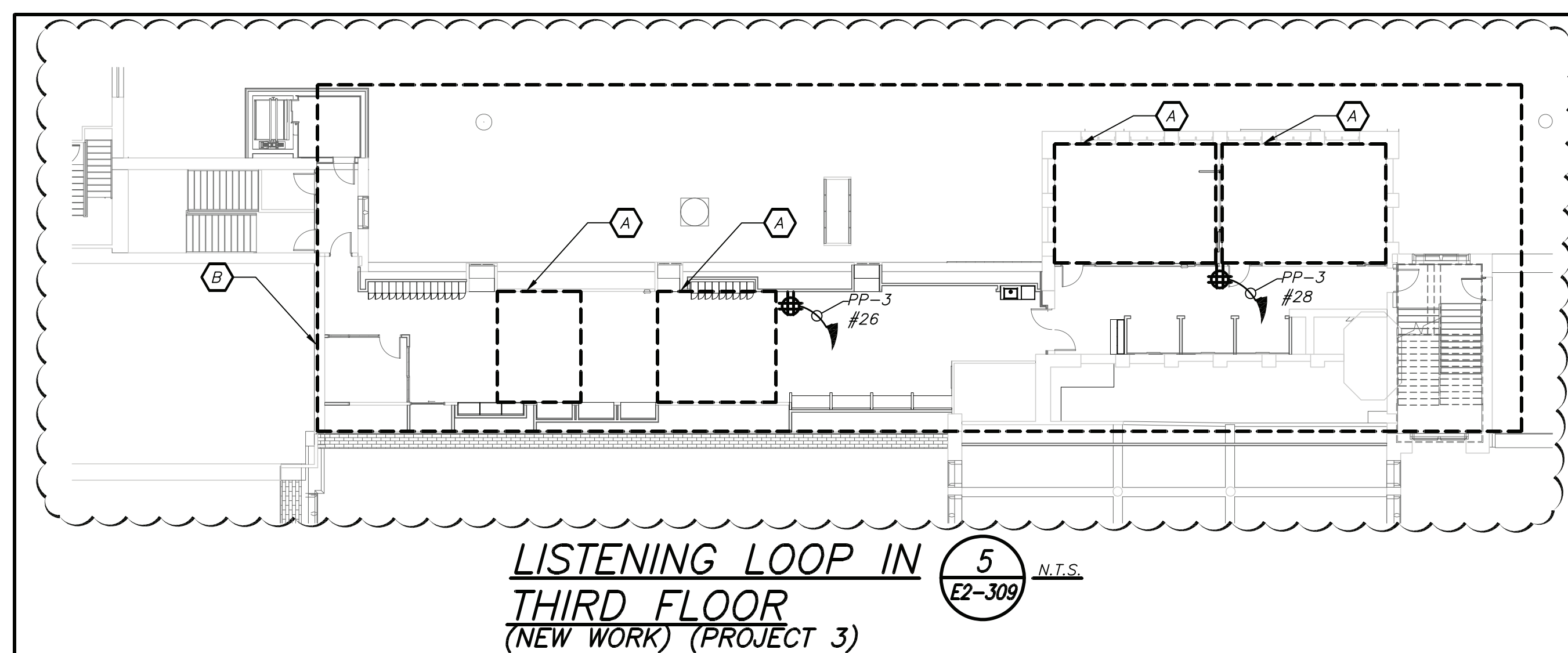


THIRD FLOOR PLAN
(NEW WORK) (PROJECT 3)

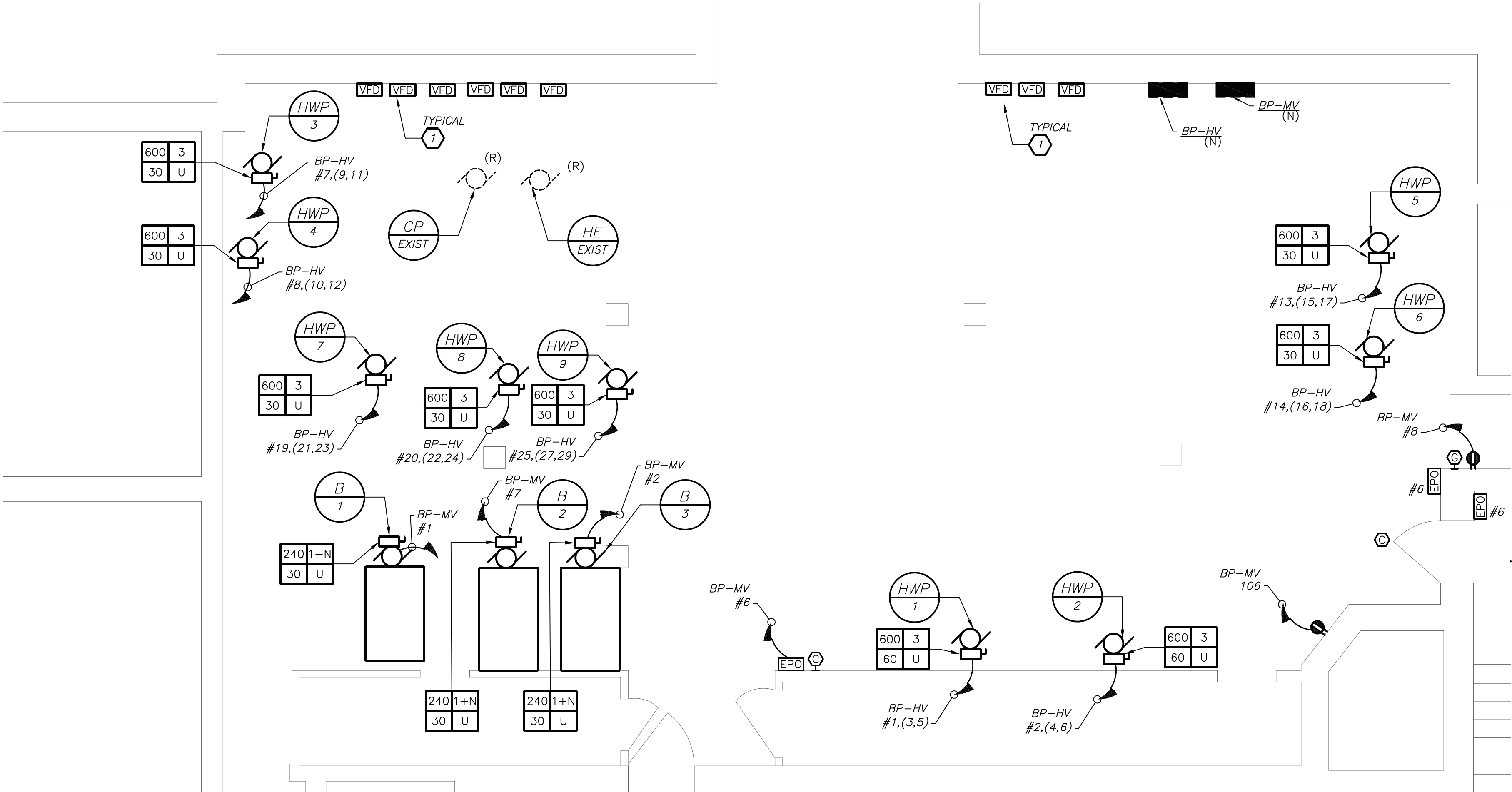
WORK NOTES:

A ELECTRICAL CONTRACTOR SHALL CHOP UP FLOOR TO PROVIDE TELECOIL LOOP. REFER TO AV DRAWING FOR MORE DETAILS ON SCOPE OF THE LOOP.

B COORDINATE EXACT FINAL MOUNTING LOCATION OF ALL AV RELATED BOXES AND EQUIPMENT WITH AV2 DRAWING AND VENDOR BEFORE THE START OF ANY WORK. DO NOT START INSTALLATION UNTIL YOU HAVE A SIGN OFF FROM SCHOOL DISTRICT AND CONSTRUCTION MANAGER.



LISTENING LOOP IN
THIRD FLOOR
(NEW WORK) (PROJECT 3)



PARTIAL BASEMENT FLOOR PLAN
(NEW WORK) (PROJECT 1)

GENERAL NOTES:

1. REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER.

2. COORDINATE EXACT FINAL LOCATION OF ALL AV RELATED BOXES AND EQUIPMENT WITH AV2 DRAWING AND VENDOR BEFORE THE START OF ANYWORK. ELECTRICAL CONTRACTOR SHALL NOT START INSTALLATION UNTIL YOU THEY HAVE A SIGN OF FROM SCHOOL DISTRICT AND CONSTRUCTION MANAGER.

WORK NOTES:

1 ELECTRICAL CONTRACTOR SHALL CONNECT VFD TO EACH HOT WATER PUMP.

2 PROVIDE 2#18 WITH DRY CONTACTS FROM PANEL MH-HV-2B TO DISCONNECT.

3 PROVIDE 2#18 WITH DRY CONTACTS FROM PANEL PP-3 TO DISCONNECT.

4 PROVIDE RECEPTACLE FOR CHEMICAL FEED, COORDINATE EXACT LOCATION OF RECEPTACLE WITH MECHANICAL CONTRACTOR BEFORE THE START OF ANY WORK.

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SED #: 6618-0001-0005-031

PROJECT

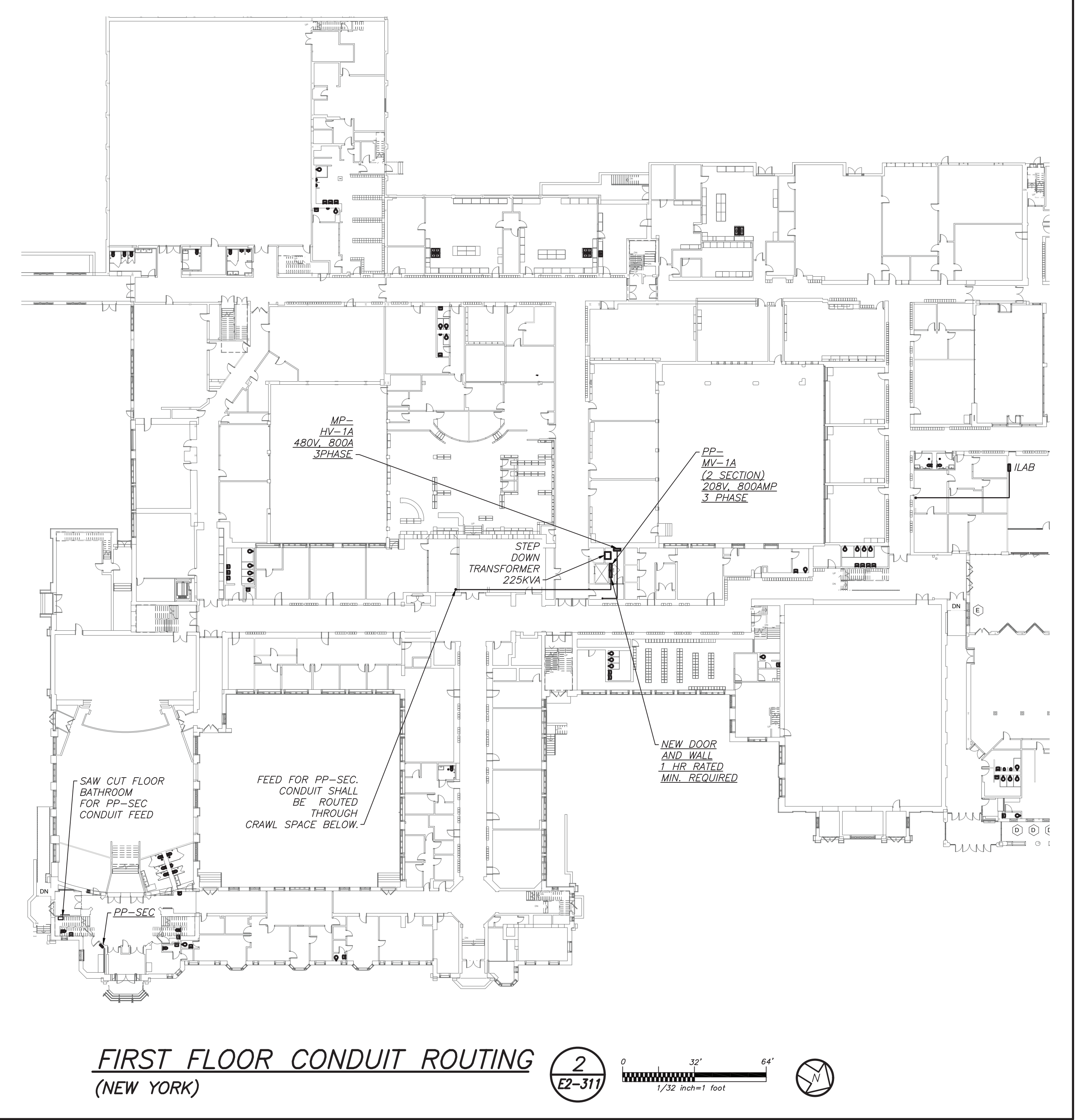
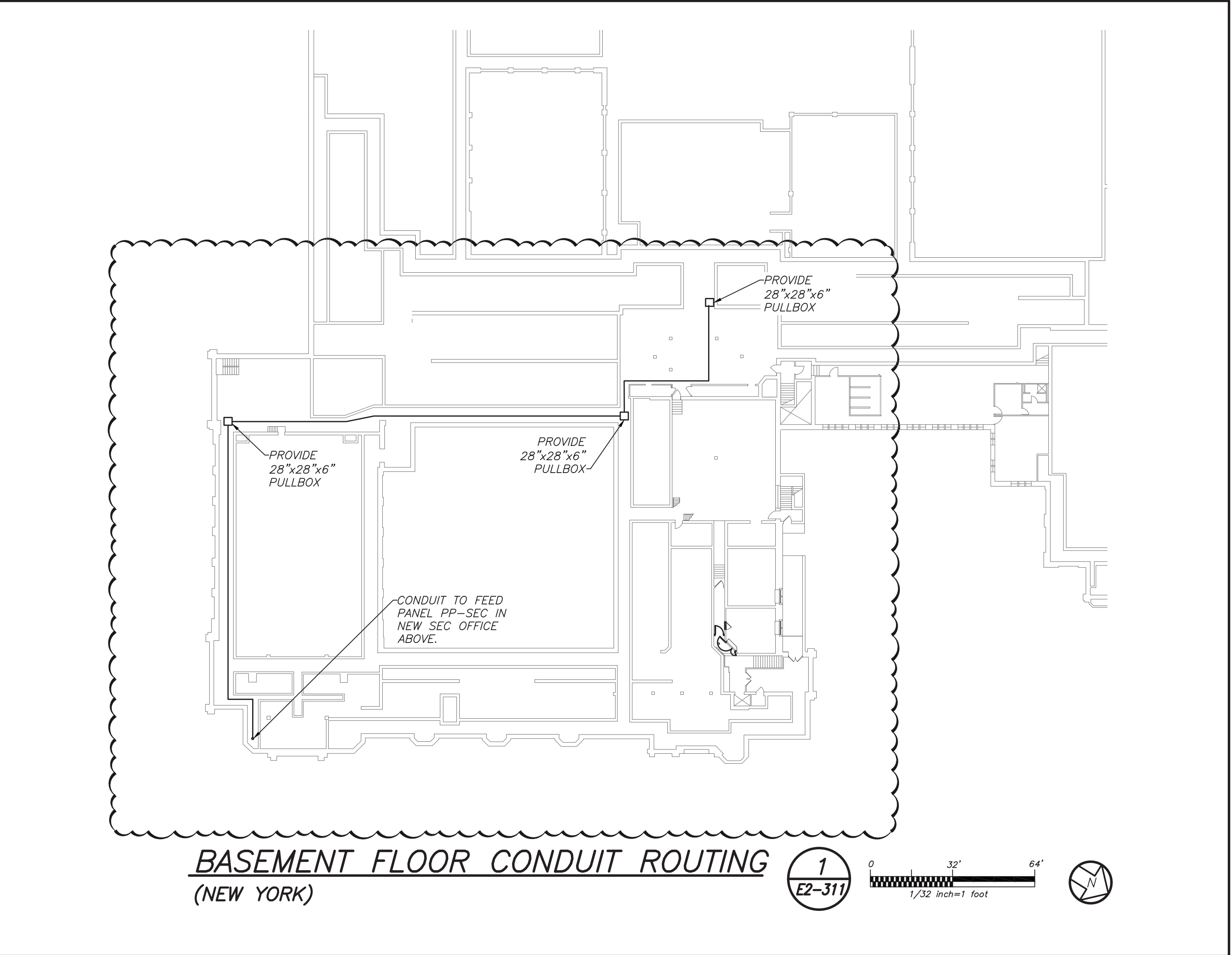
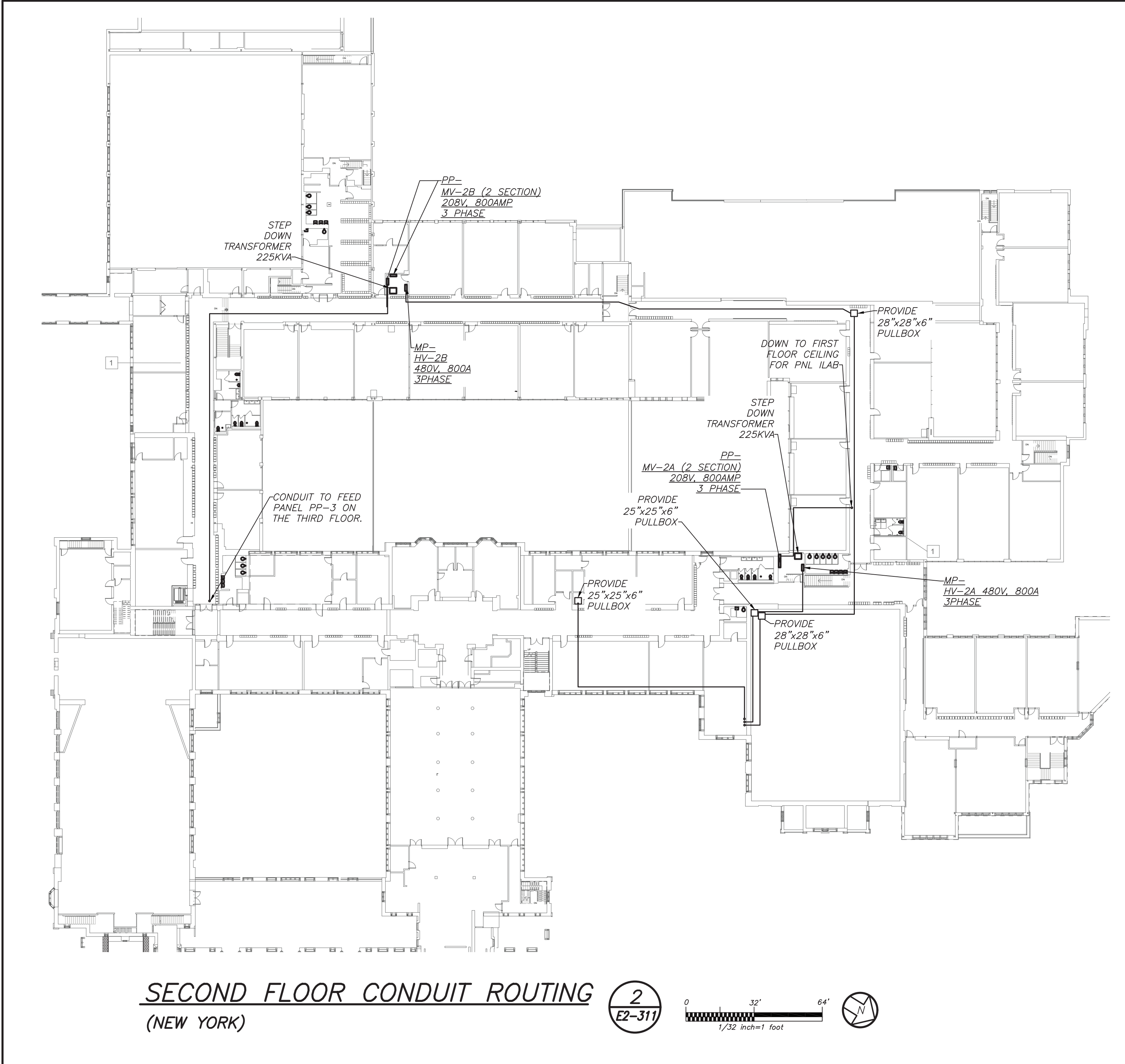
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HIGH SCHOOL & MIDDLE SCHOOL PART THIRD FLOOR AND BASEMENT POWER AND FA PLAN

PROJECT 1 & 3

SEAL & SIGNATURE	DATE:
	11/07/19
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	DRAWING BY: BGA
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	DWG No: E2-309



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Providence, RI
401-861-3218

SED #: 6618-0001-0005-031

PROJECT

Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

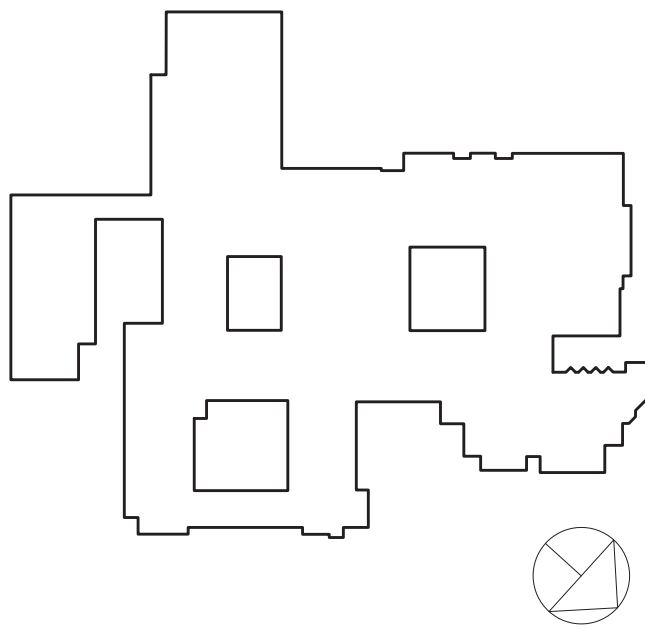
Rye High School & Middle School
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL ELECTRICAL CONDUIT ROUTING

SEAL & SIGNATURE	DATE:
	11/07/19
	PROJECT No: 9200
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: E2-311

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

Revision Schedule		
No.	Description	Date
1	SED Submission	09/15/2020
2	SED Submission Addendum#1	01/08/2021
3	ISSUED FOR BID	01/19/2021
4	BID ADDENDUM #1	01/29/2021



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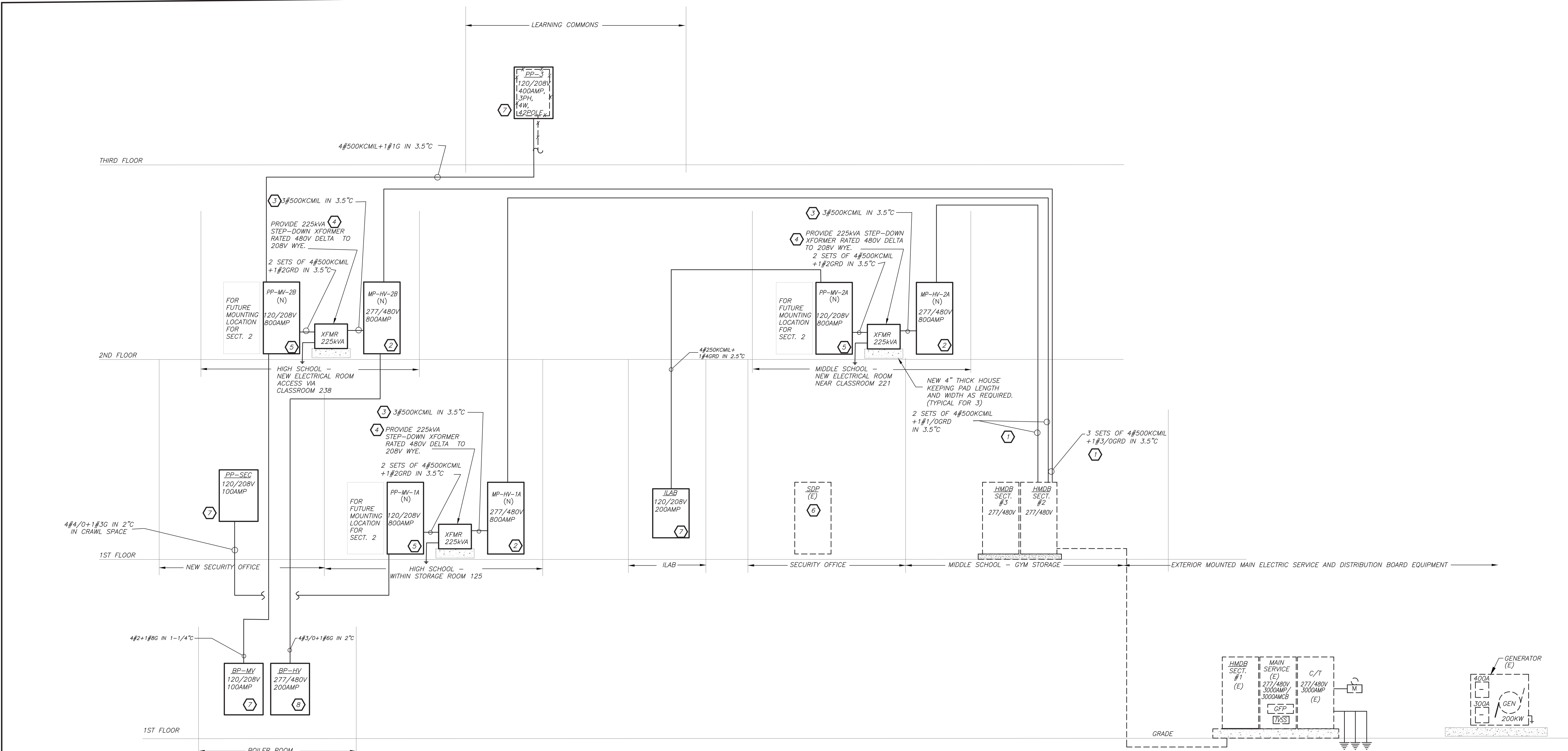
Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle School

1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL PART ELECTRICAL RISER

SEAL & SIGNATURE	DATE:	11/07/19
	PROJECT No:	9200
	DRAWING BY:	BGA
	CHK BY:	BGA
	DWG No:	E2-501



HSMS PART POWER RISER DIAGRAM 1 N.T.S. E2-501

WORK NOTES:

- UTILIZE THE AVAILABLE 3P-800AMP SPARE BREAKER AND PROVIDE CONDUIT AND WIRE SIZED AS INDICATED. REFER TO FLOOR PLANS FOR CONDUIT RUN.
- PROVIDE NEW 277/480V DISTRIBUTION BOARD. FOR PANEL SIZE, TYPE AND CIRCUIT BREAKER ARRANGEMENT REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES.
- REFER TO PANEL SCHEDULE FOR BREAKER SIZE AND PROVIDE CONDUIT AND FEEDER AS INDICATED TO SERVE NEW STEP-DOWN TRANSFORMER.
- PROVIDE NEW PAD MOUNTED STEP-DOWN 225kVA TRANSFORMER RATED 480V DELTA TO 208V WYE. POWER SMITHS E-SAVER 2016-HP. MAINTAIN ALL CLEARANCES AND PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES. REFER TO SPECIFICATION FOR ADDITIONAL TRANSFORMER CRITERIA.
- PROVIDE NEW 120/208V PANELBOARD AND ALLOW FOR MOUNTING AREA FOR FUTURE SECTION 2. FOR PANEL SIZE, TYPE AND CIRCUIT BREAKER ARRANGEMENT REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES.
- PROVIDE NEW 3P-200AMP BREAKER IN AVAILABLE SPACE. PROVIDE CONDUIT AND WIRE SIZED AS INDICATED. REFER TO FLOOR PLANS FOR CONDUIT RUN.
- PROVIDE NEW 120/208V PANELBOARD. FOR PANEL SIZE, TYPE AND CIRCUIT BREAKER ARRANGEMENT REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

(NEW)										ELECTRICAL PANEL SCHEDULE										(HIGH SCHOOL)					
PNL: BP-HV				MOUNTING: SURFACE				X	MAIN LUGS ONLY				MAIN C BKR-				GROUND BUS: X								
480Y/277, 3 PHASE, 4 WIRE				(NEMA 1)				FLUSH				DOUBLE LUGS				200A/3P				ISOLATED GROUND BUS:					
22 .000MIN A.I.C. SYM								IN MCC				FEED THRU LUG				MAIN BUS -				TVSS:					
NEUTRAL: 100%												SHUNT TRIP MAIN				200 A				NUMBER OF POLES: 42					
CKT		TRIP		LOAD		WIRE		CND.		KVA / PHASE		KVA / PHASE		CND.		WIRE		LOAD		TRIP		CKT			
No.		(AMP)						(IN.)		A B C		A B C		(IN.)						(AMP)		No.			
1	3			HWP-1		-		-		10.8						-		-				3	2		
3						3#8+1#10G		3/4		10.8						3/4		3#8+1#10G				4			
5	50					-		-		10.8						-		-				50	6		
7	3					-		-		7.21						-		-				7	8		
9				HWP-3		3#10+1#10G		3/4		7.21						3/4		3#10+1#10G				9	10		
11	30					-		-		7.21						-		-				11	12		
13	3					-		-		7.21						-		-				13	14		
15				HWP-5		3#10+1#10G		3/4		7.21						3/4		3#10+1#10G				15	16		
17	30					-		-		7.21						-		-				17	18		
19	3					-		-		0.69						0.69		-				19	20		
21				HWP-7		3#12+1#12G		3/4		0.69						0.69		3/4		3#12+1#12G		21	22		
23	20					-		-		0.69						0.69		-		-		23	24		
25	3					-		-		0.69						-		-		-		25	26		
27				HWP-9		3#12+1#12G		3/4		0.69						-		-		-		27	28		
29	20					-		-		0.69						-		-		-		29	30		
31	20	SPARE				-		-		-						-		-		-		31	32		
33	20	SPARE				-		-		-						-		-		-		33	34		
35	20	SPARE				-		-		-						-		-		-		35	36		
37	20	SPARE				-		-		-						-		-		-		37	38		
39	20	SPARE				-		-		-						-		-		-		39	40		
41	20	SPARE				-		-		-						-		-		-		41	42		
SUBTOTALS												26.6		26.6		0.7		0.7		0.7		SUBTOTALS			
TOTAL LOADS								27.3 KVA				PHASE A				LIGHTING:				0.00 KVA					
								27.3 KVA				PHASE B				RECEPTACLE:				0.00 KVA					
								27.3 KVA				PHASE C				KITCHEN:				0.00 KVA					
TOTAL CONN. LOAD								82 KVA				99 A				MOTOR:				81.90 KVA					
TOTAL DEMAND LOAD								82 KVA				99 A				POWER:				0.00 KVA					
																TOTAL:				81.90 KVA					

(NEW)		ELECTRICAL PANEL SCHEDULE										(HIGH SCHOOL)	
PNL: PP-3		MOUNTING: SURFACE		X	MAIN LUGS ONLY		MAIN C BKR-		GROUND BUS:		X		
208Y/120, 3 PHASE, 4 WIRE		(NEMA 1)		FLUSH	DOUBLE LUGS		400A/3P		ISOLATED GROUND BUS:				
42 .000MIN A.I.C. SYM				IN MCC	FEED THRU LUG		MAIN BUS -		TVSS:				
NEUTRAL: 100%					SHUNT TRIP MAIN		400 A		NUMBER OF POLES:		42		
CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA / PHASE A B C		KVA / PHASE A B C	CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.	
1	20	ROOM RECEPT	2#12+1#12G	3/4	1.62		0.50	3/4	2#12+1#12G	MAG HOLDERS	20	2	
3	20	ROOM RECEPT	2#12+1#12G	3/4	1.62		0.97	3/4	2#12+1#12G	LEARNING SUITE	20	4	
5	20	COORDIOR RECEPT	2#12+1#12G	3/4	1.62		1.00	3/4	2#12+1#12G	CORRIDOR	20	6	
7	20	COORDIOR RECEPT	2#12+1#12G	3/4	1.44		0.21	3/4	2#12+1#12G	HP-A, B	2	8	
9	20	COORDIOR RECEPT	2#12+1#12G	3/4	1.20		0.21	-	-		20	10	
11	20	COORDIOR RECEPT	2#12+1#12G	3/4	1.08		1.00	3/4	2#12+1#12G	CORRIDOR RECEPT	20	12	
13	20	COORDIOR RECEPT	2#12+1#12G	3/4	1.20		0.21	3/4	2#12+1#12G	HP-A,C	2	14	
15	20	AV RACK	2#12+1#12G	3/4	1.00		0.21	-	-		20	16	
17	20	AV RACK	2#12+1#12G	3/4	1.00		1.90	3/4	2#12+1#12G	ERU-8	2	18	
19	20	AV RACK	2#12+1#12G	3/4	1.00		1.90	-	-		25	20	
21	20	OUTDOOR RECEPT	2#12+1#12G	3/4	1.00		0.80	3/4	2#12+1#12G	ELEV SHAFT LGT	20	22	
23	20	FSD	2#12+1#12G	3/4	0.50		1.00	0.18	3/4	2#12+1#12G	ELEV SHAFT POWER	20	24
25	20	EF-4	2#12+1#12G	3/4	0.50		1.00	3/4	2#12+1#12G	TELECOIL	2	26	
27	20	FLAT PANEL	2#12+1#12G	3/4	1.00		1.00	-	-		20	28	
29	20	FLAT PANEL	2#12+1#12G	3/4	1.00		1.00	3/4	2#12+1#12G	FLAT PANEL	20	30	
31	20	FLAT PANEL	2#12+1#12G	3/4	1.00		1.00	3/4	2#12+1#12G	FLAT PANEL	20	32	
33	20	FLAT PANEL	2#12+1#12G	3/4	1.00		1.00	3/4	2#12+1#12G	FLAT PANEL	20	34	
35	20	AV RACK	2#12+1#12G	3/4	1.00		1.00	3/4	2#12+1#12G	FLAT PANEL	20	36	
37	20	Elev CAB LIGHTING	2#12+1#12G	3/4	0.50		0.50	3/4	2#12+1#12G	CH-A	20	38	
39	20	SPARE	-	-			-	-	-	SPARE	20	40	
41	20	SPARE	-	-			-	-	-	SPARE	20	42	
SUBTOTALS					7.26	6.82	6.26	5.32	4.19	6.08	SUBTOTALS		
TOTAL LOADS					12.6 KVA	PHASE A		LIGHTING:		2.77 KVA			
					11.0 KVA	PHASE B		RECEPTACLE:		11.08 KVA			
					12.3 KVA	PHASE C		KITCHEN:		0.00 KVA			
TOTAL CONN. LOAD					35.9 KVA	### A		MOTOR:		5.14 KVA			
TOTAL DEMAND LOAD					35.3 KVA	98.0 A		POWER:		16.88 KVA			
								TOTAL:		35.87 KVA			

(NEW)		ELECTRICAL PANEL SCHEDULE										(HIGH SCHOOL.)	
PNL: BP-MV		MOUNTING: SURFACE		X	MAIN LUGS ONLY			MAIN C BKR-		GROUND BUS:		X	
208Y/120, 3 PHASE, 4 WIRE		(NEMA 1)		FLUSH	DOUBLE LUGS			100A/3P		ISOLATED GROUND BUS:			
22 .000MIN A.I.C. SYM				IN MCC	FEED THRU LUG			MAIN BUS -		TVSS:			
NEUTRAL: 100%					SHUNT TRIP MAIN			100 A		NUMBER OF POLES:		24	
CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA /PHASE A B C			CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.	
1	30	BOILER 1	2#10+1#10G	3/4	2.40				3/4	2#10+1#10G	BOILER 3	30	2
3		SHUNT TRIP									SHUNT TRIP		4
5	20	SPARE	-	-				0.40	3/4	2#12+1#12G	EPO	20	6
7	20	BOILER 2	2#10+1#10G	3/4	2.40			0.40	3/4	2#12+1#12G	GAS DETECTOR	20	8
9		SHUNT TRIP						1.00	3/4	2#12+1#12G	CHEMICAL FEED	20	10
11	20	SPARE	-	-					-	-	SPARE	20	12
13	20	SPARE	-	-					-	-	SPARE	20	14
15	20	SPARE	-	-					-	-	SPARE	20	16
17	20	SPARE	-	-					-	-	SPARE	20	18
19	20	SPARE	-	-					-	-	SPARE	20	20
21	20	SPARE	-	-					-	-	SPARE	20	22
23	20	SPARE	-	-					-	-	SPARE	20	24
SUBTOTALS					4.80	0.00	0.00	2.80	1.00	0.40	SUBTOTALS		
TOTAL LOADS					7.6 KVA	PHASE A		LIGHTING:		0.00 KVA			
					1.0 KVA	PHASE B		RECEPTACLE:		1.40 KVA			
					0.4 KVA	PHASE C		KITCHEN:		0.00 KVA			
TOTAL CONN. LOAD					9.0 KVA	25.0 A	A	MOTOR:		4.80 KVA			
TOTAL DEMAND LOAD					9.0 KVA	25.0 A	A	POWER:		2.80 KVA			
								TOTAL:		9.00 KVA			

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(NEW)		ELECTRICAL PANEL SCHEDULE										(HIGH SCHOOL)					
PNL: MP-HV-2A		MOUNTING: SURFACE (NEMA 1)		FLUSH IN MCC		KVA / PHASE		MAIN LUGS ONLY DOUBLE LUGS FEED THRU LUG SHUNT TRIP MAIN		MAIN C BKR- 800A/3P MAIN BUS - 800 A		GROUND BUS: X ISOLATED GROUND BUS: TVSS: NUMBER OF POLES: 42					
CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	A	B	C	KVA / PHASE CND. (IN.)	A	B	C	WIRE	LOAD	TRIP (AMP)	CKT No.		
1	3	CU-8	3#12+1#12G	3/4	4.5			16.6			-	3#4+1#8G	RTU-1	3	2		
3						4.5			16.6					80	6		
5	25							4.5			16.6						
7	3	CU-9	3#10+1#10G	3/4	4.5			16.6			-	3#4+1#8G	RTU-2	3	8		
9							4.5			16.6					10		
11	25							4.5			16.6					80	12
13	3	CU-6	3#8+1#10G	3/4		11.4		7.90			-	3#8+1#10G	CU-13	3	14		
15								11.4			7.90					35	16
17	50								11.4					7.90			35
19	3	ERU-6	3#8+1#10G	3/4		8.80		11.4			-	3#8+1#10G	CU-5	3	20		
21								8.80			11.4					50	22
23	25								8.80					11.4			
25	20	SPARE	-	-							-	SPARE		20	26		
27	20	SPARE	-	-							-	SPARE		20	28		
29	20	SPARE	-	-							-	SPARE		20	30		
31	20	SPARE	-	-							-	SPARE		20	32		
33	20	SPARE	-	-							-	SPARE		20	34		
35	20	SPARE	-	-							-	SPARE		20	36		
37	20	SPARE	-	-							-	SPARE		20	38		
39	20	SPARE	-	-							-	SPARE		20	40		
41	20	SPARE	-	-							-	SPARE		20	42		
SUBTOTALS					29.2	29.2	29.2	52.5	52.5	52.5		SUBTOTALS					
TOTAL LOADS					81.7	KVA	PHASE A					LIGHTING:		0.00	KVA		
					81.7	KVA	PHASE B					RECEPTACLE:		0.00	KVA		
					81.7	KVA	PHASE C					KITCHEN:		0.00	KVA		
TOTAL CONN. LOAD					245	KVA	295	A				MOTOR:		245.10	KVA		
TOTAL DEMAND LOAD					245	KVA	295	A				POWER:		0.00	KVA		
												TOTAL:		245.10	KVA		

(NEW)		ELECTRICAL PANEL SCHEDULE												(HIGH SCHOOL)		
PNL: MH-HV-2B		MOUNTING: SURFACE		X		MAIN LUGS ONLY		MAIN C BKR-		GROUND BUS:		X				
480Y/277, 3 PHASE, 4 WIRE		(NEMA 1)		FLUSH		DOUBLE LUGS		800A/3P		ISOLATED GROUND BUS:						
65 .000MIN A.I.C. SYM				IN MCC		FEED THRU LUG		MAIN BUS		TVSS:						
NEUTRAL: 100%						SHUNT TRIP MAIN		800 A		NUMBER OF POLES:		42				
CKT	TRIP	LOAD	WIRE	CND.	KVA / PHASE			KVA / PHASE			CND.	WIRE	LOAD	TRIP	CKT	
No.	(AMP)				(IN.)	A	B	C	A	B	C	(IN.)		(AMP)	No.	
1	3	CU-1	-	-	10.6				10.6	-	-		CU-10	3	2	
3			3#8+1#10G	3/4		10.6			10.6	3/4	3#8+1#10G			5	6	
5	50								10.6						4	6
7	3	CU-2	-	-	10.6				9.90	-	-		CU-12	3	8	
9			3#8+1#10G	3/4		10.6			9.90	3/4	3#8+1#10G			10	8	
11	50								9.90					10	12	8
13	3	ERU-1	-	-	8.9				3.60	-	-		CU-14	3	14	
15			3#8+1#10G	3/4		8.9			3.60	3/4	3#12+1#12G			16	18	
17	35								3.60					20	18	8
19	3	ERU-2	-	-	8.9				12.0	-	-		BP-HV	3	20	
21			3#8+1#10G	3/4		8.9			12.0	3/4	4#3-0+1#6G			22	20	8
23	35								12.0					200	24	8
25	20	SPARE	-	-	-				8.50	-	-		ELEVATOR	3	26	
27	20	SPARE	-	-	-				8.50	1	3#6+1#10G			3	28	
29	20	SPARE	-	-	-					8.50	-			60	30	
31	20	SPARE	-	-	-					-	-	SPARE		20	32	
33	20	SPARE	-	-	-					-	-	SPARE		20	34	
35	20	SPARE	-	-	-					-	-	SPARE		20	36	
37	20	SPARE	-	-	-					-	-		TRANSFORMER FOR PP-MV-2B	3	38	
39	20	SPARE	-	-	-					SEE RISER				40	40	
41	20	SPARE	-	-	-									350	42	