### GENERAL NOTES

- 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 AS PER 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.

### GENERAL REMOVAL NOTES

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.
- . 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:
  - DISTRIBUTION BOARDS AND PANELBOARDS. LIGHTING FIXTURES AND SWITCHES.
- CIRCUIT BREAKERS AND DISCONNECT SWITCHES. RECEPTACLES, OUTLETS AND DEVICES.

ALL CONDUCTORS AND CONDUIT ASSOCIATED WITH REMOVED ELECTRICAL 4. EQUIPMENT SHALL BE REMOVED COMPLETELY BACK TO ITS SOURCE OF POWER AND DISCONNECTED.

- 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.
- 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.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO TRACE AND . RELOCATE 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
- DISPOSE OF ALL REMOVED EQUIPMENT, WHICH IS NOT INTENDED TO BE 8. REUSED. PRIOR TO DISPOSAL, CONTACT BUILDING MANAGER TO DETERMINE IF ANY REMOVED EQUIPMENT IS DESIRED FOR STOCK.
- EXISTING CIRCUIT BREAKERS IN PANEL(S) ARE TO BE RE-USED. ELECTRICAL D. 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.
- ALL FIRE ALARM DEVICES IN THE AREA OF WORK ARE EXISTING TO BE O. REMOVED UNLESS OTHERWISE NOTED.
- 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 INOPERABLE BALLASTS AND LAMPS, RESISTANCE TESTING OF BRANCH CIRCUITRY AND FEEDERS, ETC.
- EXTEND EXISTING CIRCUITRY TO THOSE DEVICES THAT ARE TO BE 2. RELOCATED. MATCH EXISTING TYPE AND SIZE. RELOCATION OF EXISTING EQUIPMENT SHALL BE PERFORMED ONLY UPON OWNERS ACCEPTANCE OF EXISTING EQUIPMENT.
- EXTEND EXISTING CIRCUITS SERVING EQUIPMENT TO REMAIN FROM PANELS 13. THAT ARE TO BE REMOVED TO NEW PANELS OR EXISTING PANELS THAT ARE

### DISPOSAL OF MERCURY CONTAINING LAMPS

- . ALL FLUORESCENT AND HID LAMPS WITHIN REMOVED LIGHT FIXTURES ARE CONSIDERED MERCURY CONTAINING AND SHALL BE TREATED AS HAZARDOUS
- FLUORESCENT AND HID LAMPS SHALL BE REMOVED FROM DEMOLISHED LIGHT FIXTURES AND DISPOSED OF AS PER NEW YORK STATE DEC REGULATIONS AND
- . 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 D.E.C. AUTHORIZED LANDFILL OR RECYCLE CENTERS.

### **BID PROJECTS**

PROJECT 1: ALL WORK NOT INCLUDED IN PROJECTS 2 & 4 LISTED

ALTERNATE 1A: GREY BOX COMPELETE 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.

#### **ABBREVIATIO** ABBV. | DESCRIPTION A AMP/AMPERE AC AIR CONDITIONING UNIT A.F.F. | ABOVE FINISHED FLOOR AIR HANDLING UNIT AWG | AMERICAN WIRE GAUGE C CONDUIT CIRCUIT BREAKER CH CABINET HEATER CIRCUIT CKTCONDENSING UNIT CONDENSATE PUMP (E) EXISTING TO REMAIN ELECTRICAL CONTRACTO EF EXHAUST FAN EM EMERGENCY (ER) | EXISTING RELOCATED EXIST. EXISTING FA FIRE ALARM F.A.C.P. FIRE ALARM CONTROL I G,GRD | GROUND GFI GROUND FAULT INTERR HOT WATER HEATER kcmil THOUSAND CIRCULAR MIL KVA KILOVOLT AMPERE KW KILOWATT LIGHTING MCB | MAIN CIRCUIT BREAKER MAIN DISTRIBUTION PANE MAIN LUGS ONLY MTD | MOUNTED N NEUTRAL NTS NOT TO SCALE P.A. | PUBLIC ADDRESS PANEL (R) REMOVE EXISTING (RN) REPLACE EXISTING W/NE REMOVED. SALVAGED AN SP SUBMERSED PUMP TV TELEVISION TYP. TYPICAL UNIT HEATER W WATT WP WEATHERPROOF

TONS		LEGEND
	A	2'x4' FLUORESCENT CEILING MOUNTED LIGHT FIXTURE. UPPER CASE LETTER DENOTES LOWER CASE LETTER DENOTES TYPE.
T	EM Put	2'x4' CEILING MOUNTED FLUORESCENT LIGHT FIXTURE FOR EMERGENCY OPERATION. 'EM
R	B	2'x2' FLUORESCENT CEILING MOUNTED FIXTURE. CAPITAL LETTER INDICATES TYPE, LOWE
-	a	LETTER INDICATES SWITCH CONTROL. FIXTURE SCHEDULE DENOTES TYPE.  2'x2' CEILING MOUNTED FLUORESCENT LIGHT FIXTURE FOR EMERGENCY OPERATION WIT
		BATTERY BACK-UP, TEST BUTTON AND L.E.D.
	a	1'x4' FLUORESCENT CEILING MOUNTED FIXTURE. CAPITAL LETTER INDICATES TYPE, LOWER LETTER INDICATES SWITCH CONTROL. FIXTURE SCHEDULE DENOTES TYPE.
		1'x4' CEILING MOUNTED FLUORESCENT LIGHT FIXTURE FOR EMERGENCY OPERATION WITH BATTERY BACK—UP, TEST BUTTON AND L.E.D.
	D	4' FLUORESCENT CEILING MOUNTED COMMERCIAL STRIPLITE. LETTER INDICATES TYPE. F SCHEDULE DENOTES TYPE.
OR	$\bigcirc/\bigcirc^F$	CEILING/WALL MOUNTED INCANDESCENT OR COMPACT FLUORESCENT FIXTURE. LETTER IN. TYPE. FIXTURE SCHEDULE DENOTES TYPE.
	<b>∞</b> / <b>⊗</b>	CEILING/WALL MOUNTED EXIT LIGHT WITH OUTLET BOX, DIRECTIONAL ARROWS SHADED PINDICATES ILLUMINATED FACE. SCHEDULE DENOTES TYPE.
		WALL MOUNTED EMERGENCY LIGHT FIXTURE WITH INTEGRAL BATTERY BACK-UP.
PANEL	$S_a^K$	FLUSH WALL MOUNTED LIGHTING CONTROL SWITCH CONTROLLING ZONE "a". 'K' WHERE INDICATES KEY SWITCH. '3' INDICATES 3—WAY SWITCH; '4' INDICATES 4—WAY SWITCH.
	S	FLUSH WALL MOUNTED 3-WAY LIGHTING CONTROL SWITCH.
RUPTER	s <sup>4</sup>	FLUSH WALL MOUNTED 4—WAY LIGHTING CONTROL SWITCH.
MILLS	VS	FLUSH WALL MOUNTED PIR VACANCY SENSOR LIGHTING CONTROL SWITCH, SIMILAR TO W CS-50. (MANUAL ON, AUTO OFF)
	R	EMERGENCY LIGHTING UL924 RELAY. PROVIDE WATTSTOPPER ELCU—200 MODULE FOR EN LIGHT FUNCTION FOR INTERIOR LIGHTING AND WHEN INDICATED WITH LVS PROVIDE MOD #EPC—D FOR EXTERIOR LIGHTING FIXTURES,
REL	<u></u>	CEILING/WALL MOUNTED JUNCTION BOX.
	(J)	FLUSH FLOOR MOUNTED JUNCTION BOX
	3	HOMERUN TO DESIGNATED PANEL, ARROWHEAD INDICATES SINGLE POLE CIRCUIT. HOMER
	2,(4,6)	CONSIST OF 2#12-3/4"C U.O.N.  HOMERUN TO DESIGNATED PANEL, NUMBERS IN PARENTHESIS INDICATE MULTIPLE CIRCUIT
		3-HOTS AND 1-GROUND U.O.N.  EXISTING TO REMAIN
NEW	<del>*</del> - *	EXISTING TO BE REMOVED
AND RELOCATED		NEW
	Φ	125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE WALL MOUNTED TAMPER RES 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
	<b>₩</b>	#GF5362.  QUAD RECEPTACLE SHOWN FOR COORDINATION PURPOSES ONLY. RECEPTACLE PROVIDED FURNITURE VENDOR. EC TO PROVIDE POWER TO THE ELECTRIFIED JUNCTION BOX AND I
	Φ	CONNECTIONS TO THE RECEPTACLES.  125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE WALL MOUNTED TAMPER RES 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 #10ATCPAA.
	(S)	CEILING MOUNTED LOW VOLTAGE, DUAL TECHNOLOGY SENSOR, SIMILAR TO WATTSTOPPER DT-300, MANUAL ON, AUTO OFF, WORK WITH LOCAL LOW VOLTAGE MOMENTARY CONTACT SWITCH (LVSW-101). INCLUDE REQUIRED POWER PACKS. PROGRAM TO MAXIMUM SEN AND TIME DELAY TO 20 MIN.
	(S) <sup>H</sup>	CEILING MOUNTED LOW VOLTAGE ULTRASONIC SENSOR, SIMILAR TO WATTSTOPPER MODEL WT-2255, WITH LONG CORRIDOR COVERAGE PATTERN, INCLUDE POWER PACKS AS REQUINANUAL ON, AUTO OFF, WORK WITH LOCAL KEY SWITCHES.
	RC3	NETWORK DIGITAL DIMMABLE ROOM CONTROLLER FOR LIGHTING CONTROL. SIMILAR TO WATTSTOPPER MODEL LMRC-213. HOT WIRE TO LOAD, CAT 5 WIRE CONNECTIONS TO CONDECS. RC'#' DENOTES LMRC-21'#' WITH '#' OF ZONES.
		NETWORK DIGITAL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR, SIMILAR T

	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.  2'x2' CEILING MOUNTED FLUORESCENT LIGHT FIXTURE FOR EMERGENCY OPERATION WITH INTEGRAL BATTERY BACK—UP, TEST BUTTON AND L.E.D.	▼	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
	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.  2'x2' CEILING MOUNTED FLUORESCENT LIGHT FIXTURE FOR EMERGENCY OPERATION WITH INTEGRAL	<b>V</b>	FLUSH WALL MOUNTED TELEPHONE OUTLET CONSISTING OF A COVER PLATE WITH
	LETTER INDICATES SWITCH CONTROL. FIXTURE SCHEDULE DENOTES TYPE.  2'x2' CEILING MOUNTED FLUORESCENT LIGHT FIXTURE FOR EMERGENCY OPERATION WITH INTEGRAL	Y	GROMMETED OPENING AND 1" EMPTY CONDUIT WITH DRAG LINE STUBBED UP 6"
			ABOVE CEILING.
<i>a</i>			SURFACE MOUNTED NEW ELECTRICAL PANELBOARD.  SURFACE MOUNTED EXISTING ELECTRICAL PANELBOARD.
D	1'x4' FLUORESCENT CEILING MOUNTED FIXTURE. CAPITAL LETTER INDICATES TYPE, LOWER CASE LETTER INDICATES SWITCH CONTROL. FIXTURE SCHEDULE DENOTES TYPE.	240/3	HEAVY DUTY TYPE DISCONNECT SWITCH WITH FINAL FLEXIBLE EQUIPMENT CONNECTION. 240 INDICATES VOLTAGE, 3 INDICATES NO. OF POLES, 60 INDICATES
	1'x4' CEILING MOUNTED FLUORESCENT LIGHT FIXTURE FOR EMERGENCY OPERATION WITH INTEGRAL BATTERY BACK—UP, TEST BUTTON AND L.E.D.	60 40 WP	AMPERE RATING, NF INDICATES NON—FUSED(OR FUSE SIZE) U.O.N. REFER TO SPECIFICATION AND DRAWINGS FOR ENCLOSURE. 'WP' WHERE USED INDICATES
	4' FLUORESCENT CEILING MOUNTED COMMERCIAL STRIPLITE. LETTER INDICATES TYPE. FIXTURE SCHEDULE DENOTES TYPE.		WEATHERPROOF ENCLOSURE (NEMA 3R).  THERMAL SWITCH, CUTLER-HAMMER MS SERIES MANUAL STARTERS SINGLE-PHASE
	CEILING/WALL MOUNTED INCANDESCENT OR COMPACT FLUORESCENT FIXTURE. LETTER INDICATES TYPE. FIXTURE SCHEDULE DENOTES TYPE.	S <sub>T</sub>	20AMP, 120V U.O.N. WHERE INDICATED WITH 'WP' PROVIDE WATERTIGHT ENCLOSURE TYPE 3.
	CEILING/WALL MOUNTED EXIT LIGHT WITH OUTLET BOX, DIRECTIONAL ARROWS SHADED PORTION INDICATES ILLUMINATED FACE. SCHEDULE DENOTES TYPE.	S <sub>2T</sub>	208 VOLT, SINGLE PHASE 2 POLE, THERMAL OVERLOAD PROTECTED TOGGLE TYPE SWITCH. SIMILAR TO EATON #AH4361 + #AH27940G NEMA 1 ENCLOSURE.
	WALL MOUNTED EMERGENCY LIGHT FIXTURE WITH INTEGRAL BATTERY BACK-UP.	/5/	MOTOR (F.B.O. WIRED BY ELEC.) — NUMBER INDICATES HORSEPOWER. REFER TO PANEL SCHEDULES FOR WIRING AND OVER CURRENT PROTECTION.
	FLUSH WALL MOUNTED LIGHTING CONTROL SWITCH CONTROLLING ZONE "a". 'K' WHERE USED INDICATES KEY SWITCH. '3' INDICATES 3—WAY SWITCH; '4' INDICATES 4—WAY SWITCH.	F	WALL MOUNTED COMBINATION FIRE ALARM HORN/STROBE DEVICE.
	FLUSH WALL MOUNTED 3—WAY LIGHTING CONTROL SWITCH.	F	WALL MOUNTED FIRE ALARM MANUAL PULL STATION
	FLUSH WALL MOUNTED 4-WAY LIGHTING CONTROL SWITCH.  FLUSH WALL MOUNTED PIR VACANCY SENSOR LIGHTING CONTROL SWITCH, SIMILAR TO WATTSTOPPER	<u>S</u>	CEILING MOUNTED IONIZATION TYPE SMOKE DETECTOR
VS	CS-50. (MANUAL ON, AUTO OFF)	<u> </u>	CEILING OR WALL MOUNTED CARBON MONOXIDE DETECTOR SOUNDER BASE
R	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 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
∅/҈Ѱ	CEILING/WALL MOUNTED JUNCTION BOX.	(S) <sub>D</sub>	MECHANICAL EQUIPMENT. ALSO PROVIDE LOAD RELAY AS REQUIRED IF EXISTING DISCONNECT/STARTERS DO NOT HAVE A SET OF DRY CONTACTS TO TIE—IN FOR FAI
0	FLUSH FLOOR MOUNTED JUNCTION BOX	$\bigoplus$	SHUTDOWN.  CEILING MOUNTED HEAT DETECTOR
	HOMERUN TO DESIGNATED PANEL, ARROWHEAD INDICATES SINGLE POLE CIRCUIT. HOMERUN SHALL CONSIST OF 2#12-3/4"C U.O.N.	ST	WALL MOUNTED FIRE ALARM STROBE LIGHT.
	HOMERUN TO DESIGNATED PANEL, NUMBERS IN PARENTHESIS INDICATE MULTIPLE CIRCUIT, I.E. 3—HOTS AND 1—GROUND U.O.N.	FACP	FIRE ALARM CONTROL PANEL.
	EXISTING TO REMAIN	ANN	FIRE ALARM ALPHANUMERIC ANNUNCIATOR PANEL.  INTERFACE MODULE CONSISTING OF CONTROL RELAY AND MONITOR MODULES. IN
*-*	EXISTING TO BE REMOVED	IM	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 FA
	NEW  125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE WALL MOUNTED TAMPER RESISTANCE	LCP	SHUTDOWN.  LEHIGH SOLITAIRE STM MASTER LIGHTING CONTROL PANEL
Ψ	DUPLEX RECEPTACLE SIMILAR TO HUBBELL #5362WTR.	LP	SOLITAIRE DIMMING SYSTEM MODEL #SDE-LCP AUXILIARY LCD LIGHTING CONTROL PANEL
- Т	SAME AS ABOVE EXCEPT DOUBLE DUPLEX RECEPTACLE.	OT A	SOLITAIRE IMPRESS ANALOG OCCUPANCY SENSOR  SOLITAIRE IMPRESS MULTI I/O CONTROLLER
P	30AMP-2P TWIST LOCK OUTLET	WAP	WIRELESS ACCESS POINT. INSTALLED BY OWNER
	20A FLUSH WALL MOUNTED GROUND FAULT INTERRUPTING TYPE DUPLEX RECEPTACLE HUBBELL #GF5362.	GEN	GENERATOR ANNUNICATOR
₩	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.	CR	CARD READER.
	125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE WALL MOUNTED TAMPER RESISTANCE		CLOSED CIRCUIT TELEVISION CAMERA (CCTV). REMOVED STORED BY EC. INSTALLED BY OWNER.  HAND SET RECEIVER FOR CALL—IN FUNCTION.
	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.	VA	VOICE ATENNUATOR  SURFACE MOUNTED MOUNTED P.A SPEAKER MATCH EXISTING.
	LEGRAND MODEL #10ATCPAA.  CEILING MOUNTED LOW VOLTAGE, DUAL TECHNOLOGY SENSOR, SIMILAR TO WATTSTOPPER MODEL#	<u> </u>	CEILING MOUNTED P.A. SPEAKER MATCH EXISTING U.O.N.
03)	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.	OS S	WALL MOUNTED COMBINATION CLOCK AND SPEAKER. 'S' WHERE USED INDICATES SURFACE MOUNTED AND 'F' WHERE USED INDICATES FLUSH MOUNTED.
(OS)	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.	Φ	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.
RC3	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'#' DENOTES LMRC-21'#' WITH '#' OF ZONES.	Φ	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
[05]	NETWORK DIGITAL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR, SIMILAR TO WATTSTOPPER MODEL LMDC-100. WORKS WITH DIGITAL ROOM CONTROLLER. PROGRAM TO MAXIMUM SENSITIVITY AND TIME DELAY TO 20 MIN.		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
	NETWORK DIGITAL CEILING MOUNTED CLOSED LOOP, SINGLE ZONE PHOTO SENSOR. SIMILAR TO WATT STOPPER MODEL LMLS-400. WORKS WITH ROOM CONTROLLER.	FB	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 PROTECTOR SCREEN AND FIRE SHUTTER. CONFIRM LOCATION
WS2	NETWORK DIGITAL FLUSH MOUNTED PRESET WALL STATIONS, SIMILAR TO WATTSTOPPER MODEL LMSW-102, WORKS WITH DIGITAL ROOM CONTROLLER. INCLUDES BUTTON ENGRAVING. WS'#'	S <sub>R/L</sub>	THE START OF ANY WORK.
WD1	DENOTES LMSW-10'#' WITH '#' OF BUTTONS. SUPERSCRIPT '3' DENOTES 3 WAY SWITCH.  NETWORK DIGITAL FLUSH MOUNTED PRESET SINGLE ZONE DIMMABLE WALL STATION, SIMILAR TO WATTSTOPPER MODEL LMSW-104, WORKS WITH DIGITAL ROOM CONTROLLER. INCLUDES BUTTON	FP	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.
	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	R6	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
[WD2]	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.	ΗP	DETAILS. PROVIDE 1-1/4" CONDUIT STUB UP TO CEILING.  JUNCTION BOX FOR ELECTRIFIED FURNITURE. COORDINATE WITH ARCHITECT BEFORE THE START OF ANY WORK.
[WD3]	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.	TV •	CONNECTOR AND CONDUIT PATHWAY FOR TV  CEILING MOUNTED QUAD RECEPTACLE FOR PROJECTOR
17	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.	•	CEILING MOUNTED QUAD RECEPTACLE AND DATA FOR AUDIO VISUAL RACK
	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.	PROJ	EXISTING PROJECTOR  SURFACE MOUNTED WIREMOLD V700 FOR EITHER RECEPTACLE OR COMMUNICATION WIRING. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.
s <sup>M</sup>			SURFACE MOUNTED WIREMOLD SERIES 4000 CONTAINING RECEPTACLE CIRCUITS
s <sup>M</sup>	'a' INDICATES CONTROL ZONE; '3' INDICATES 3-WAY SWITCH; '4' INDICATES 4-WAY SWITCH.  FLUSH WALL MOUNTED LOW VOLTAGE DIMMER SWITCH, SIMILAR TO WATTSTOPPER LMDM WORK	$\Phi \nabla$	AND COMMUNICATION WIRING. REFER TO DRAWINGS FOR ADDITIONAL
s <sup>M</sup>	'a' INDICATES CONTROL ZONE; '3' INDICATES 3-WAY SWITCH; '4' INDICATES 4-WAY SWITCH.	1)	AND COMMUNICATION WIRING. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.  TAG SYMBOL. NUMERAL DENOTES REFERENCE TO A WORK NOTE.
S D S D	'a' INDICATES CONTROL ZONE; '3' INDICATES 3-WAY SWITCH; '4' INDICATES 4-WAY SWITCH.  FLUSH WALL MOUNTED LOW VOLTAGE DIMMER SWITCH, SIMILAR TO WATTSTOPPER LMDM WORK WITH CEILING SENSORS (DT-300) FOR MANUAL ON, AUTO OFF OPERATION. 'a' 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		INFORMATION.  TAG SYMBOL. NUMERAL DENOTES REFERENCE TO A WORK NOTE.  MECHANICAL EQUIPMENT IDENTIFICATION:
s <sup>M</sup> s <sup>D</sup> VFD	'a' INDICATES CONTROL ZONE; '3' INDICATES 3-WAY SWITCH; '4' INDICATES 4-WAY SWITCH.  FLUSH WALL MOUNTED LOW VOLTAGE DIMMER SWITCH, SIMILAR TO WATTSTOPPER LMDM WORK WITH CEILING SENSORS (DT-300) FOR MANUAL ON, AUTO OFF OPERATION. 'a' INDICATES CONTROL ZONE; '3' INDICATES 3-WAY SWITCH; '4' INDICATES 4-WAY SWITCH.  WEATHERPROOF, EXTERIOR GRADE WALL MOUNTED OCCUPANCY SENSORS.	(1) *	TAG SYMBOL. NUMERAL DENOTES REFERENCE TO A WORK NOTE.

)	No.
ONSISTING OF A COVER PLATE WITH 1" ONDUIT WITH DRAG LINE STUBBED UP 6"	1 SE 2 SE Ad
LET CONSISTING OF A COVER PLATE WITH 1° ONDUIT WITH DRAG LINE STUBBED UP 6"	4 BIC
ANELBOARD.  L PANELBOARD.	
WITH FINAL FLEXIBLE EQUIPMENT 3 INDICATES NO. OF POLES, 60 INDICATES USED(OR FUSE SIZE) U.O.N. REFER TO PLOSURE. 'WP' WHERE USED INDICATES	
SERIES MANUAL STARTERS SINGLE—PHASE WITH 'WP' PROVIDE WATERTIGHT ENCLOSURE	<u> </u>
RMAL OVERLOAD PROTECTED TOGGLE TYPE + #AH27940G NEMA 1 ENCLOSURE. MBER INDICATES HORSEPOWER. REFER TO VER CURRENT PROTECTION.	[
PM HORN/STROBE DEVICE.  JLL STATION	
DKE DETECTOR	A
ONOXIDE DETECTOR SOUNDER BASE	Architect
DETECTOR  SMOKE DETECTOR WITH (REMOTE) CONTROL  RELAY MODULE TO BE MOUNTED ADJACENT TO  E LOAD RELAY AS REQUIRED IF EXISTING  SET OF DRY CONTACTS TO TIE—IN FOR FAN	71 F Sou
GHT.	
DR PANEL.	
NTROL RELAY AND MONITOR MODULES. IN LOAD RELAY AS REQUIRED IF EXISTING A SET OF DRY CONTACTS TO TIE—IN FOR FAN	#
NG CONTROL PANEL E-LCP AUXILIARY LCD LIGHTING CONTROL	Transform
/ SENSOR LER	259 Warre
OWNER	+1
CCTV). REMOVED STORED BY EC. INSTALLED CTION.	
AKER MATCH EXISTING.  EXISTING U.O.N.	BARILE GA
ID SPEAKER. 'S' WHERE USED INDICATES ED INDICATES FLUSH MOUNTED.	CONS 39 MARBLE 914.328.6060 GENI
A.F.F UNLESS OTHERWISE NOTED. FURNISHED NTRACTOR. CONDUIT SHALL BE STUBBED UP CONFIRM LOCATION AND MOUNTING HEIGHT RT OF ANY WORK.	<u>C</u> SAV
A.F.F UNLESS OTHERWISE NOTED. FURNISHED ONTRACTOR. CONDUIT SHALL BE STUBBED UP	SA\ Ple
RT OF ANY WORK  OUTLET AND AV INPUTS; FOUR (4) POWER  OP-4-B. BOX SHALL BE FURNISHED AND  CONFIRM LOCATION WITH AV CONSULTANT	( ( 122
EN AND FIRE SHUTTER. CONFIRM LOCATION ILTANT AND OWNER RESPECTIVELY BEFORE	NortI
STACTURER: RP VISUAL SOLUTIONS. MODEL RECEPTACLES IN BOX. PROVIDE (1) HDMI WINGS FOR MORE DETAILS. PROVIDE 1-1/4"	WI 1 Wi
X WITH SCREW COVER. SINGLE GANG BOX REFER TO AV DRAWINGS FOR MORE JB UP TO CEILING.	<u>A</u> 12
TURE. COORDINATE WITH ARCHITECT BEFORE	12
R TV FOR PROJECTOR	C/ 327
AND DATA FOR AUDIO VISUAL RACK	327 Sud
R EITHER RECEPTACLE OR COMMUNICATION TIONAL INFORMATION.	SED#: 66
<u> </u>	

LEGENL





SULTING ENGINEERS E AVE PLEASANTVILLE, NY 10570 NERAL@BGA-ENG.com www.BGA-ENG.com

Date 09/15/2020

01/08/2021

01/19/2021

01/29/2021

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Civil Engineer /ESTON & SAMPSON /inners Circle, Suite 130 Albany, NY 12205 518-463-4400

> Acoustic Consultant DP DESIGN 2 Cold Spring Street Providence, RI 401-861-3218

AV Consultant CAVANAUGH TOCCI 27 F Boston Post Road dbury, MA 01776-3027 978-443-7871

618-0001-0001-023

PROJECT

Rye City Schools 555 Theodore Fremd Ave, Suite B-101

Osborn Elementary School

10 Osborn Road, Rye NY 10580

LEGENDS, ABBREVIATIONS AND NOTES

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

E2-001

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

#### REMOVAL NOTES:

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.

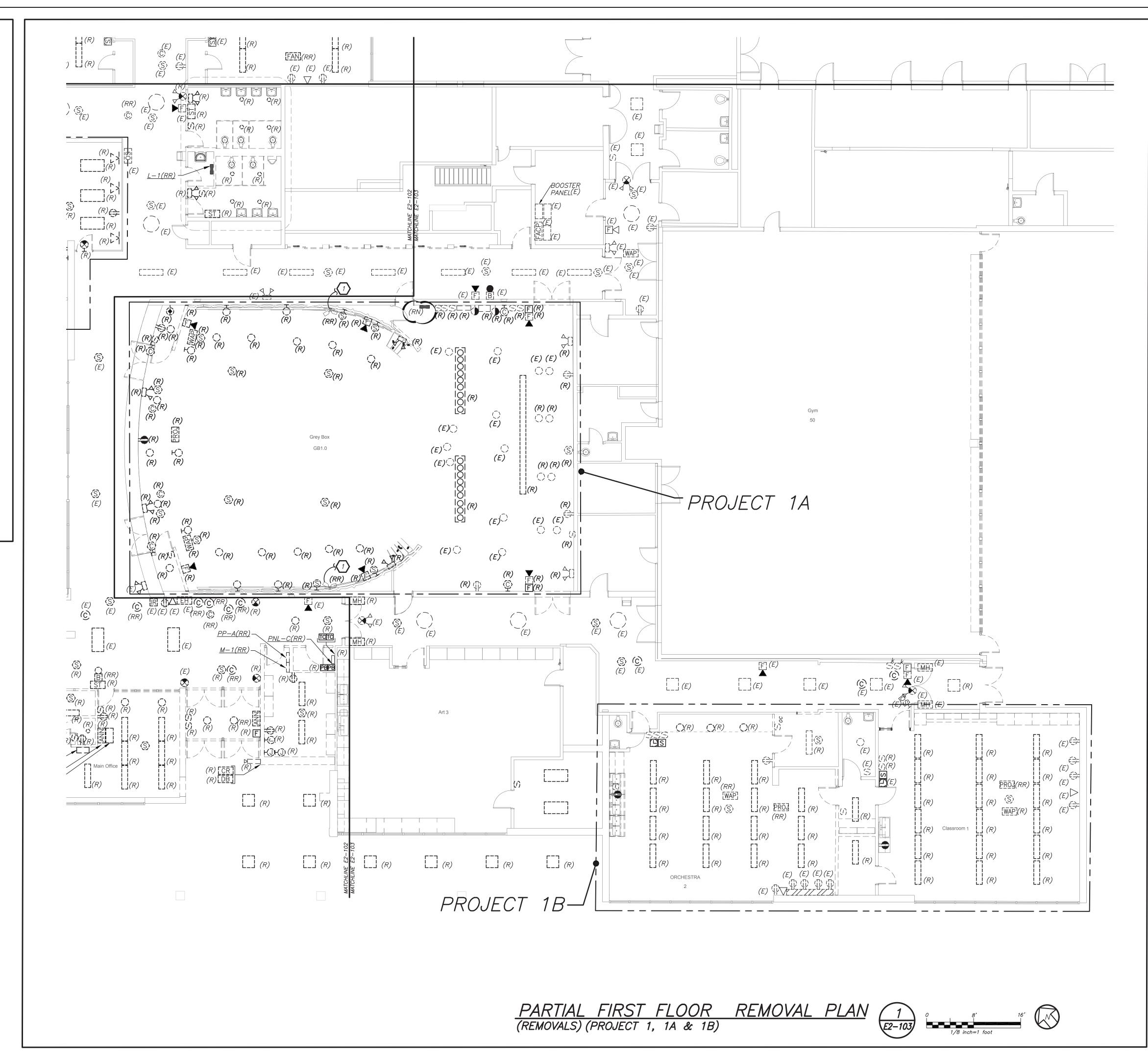
2. REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER. COORDINATE WITH SCHOOL DISTRICT AND CONSTRUCTION MANAGER BEFORE THE START OF ANY WORK.

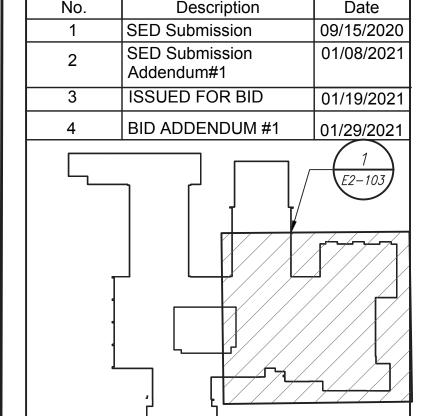
#### WORK NOTES:

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.

#### \*\*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. THE LOW VOLTAGE CABLE TYPE CONSISTS OF DATA, TELEPHONE, PA, FIRE ALARM, SECURITY, CAMERAS, AND MECHANICAL EQUIPMENT CONTROL
- 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 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.
- 3. THE CORRIDOR CEILING SEQUENCE OF THE WORK SHALL BE COORDINATED WITH CONSTRUCTION MANAGER, SCHOOL DISTRICT AND OTHER CONTRACTORS BEFORE THE START OF ANY WORK.





Revision Schedule

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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

PART FIRST FLOOR REMOVAL PLAN

PROJECT 1 1A & 1B

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

DWG No:

E2-103

### WORK NOTES:

- $\bigcirc$  NOT USED.
- CIRCUIT NEW EMERGENCY LIGHTING TO EXISTING EMERGENCY CIRCUIT. EC TO CONFIRM CIRCUIT IN FIELD. PROVIDE 2#12+1#12G IN 3/4"C FROM NEW LIGHTS TO EXISTING LIGHT FIXTURES.
- $\bigcirc$  REFER TO LIGHTING CONTROL WIRING DIAGRAM ON DRAWING E-702 DETAIL 5 AND SPECIFICATION FOR MORE INFORMATION.
- 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"C FROM SOURCE PANELBOARD TO FEED NEW LIGHT
  FIXTURES.
- 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.
- 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.
- 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.
- PROVIDE TORK 2001 SERIES PHOTOCELL SENSOR AND HUBBELL LIGHTOWL #LO-IRWVRP-LWO DISABLE OCCUPANCY SENSOR.
  INCLUDE #UVPP POWER PACK MOUNTED ON THE BUILDING WALL TO OPERATE TYPE "Z1" EXTERIOR EMERGENCY LIGHTING
- (8) CIRCUIT EXIT LIGHTS TO THE EMERGENCY LIGHTING CIRCUIT IN THIS AREA, AHEAD OF ANY SWITCHING.

#### LIGHTING CONTROL AND SEQUENCE OF OPERATION:

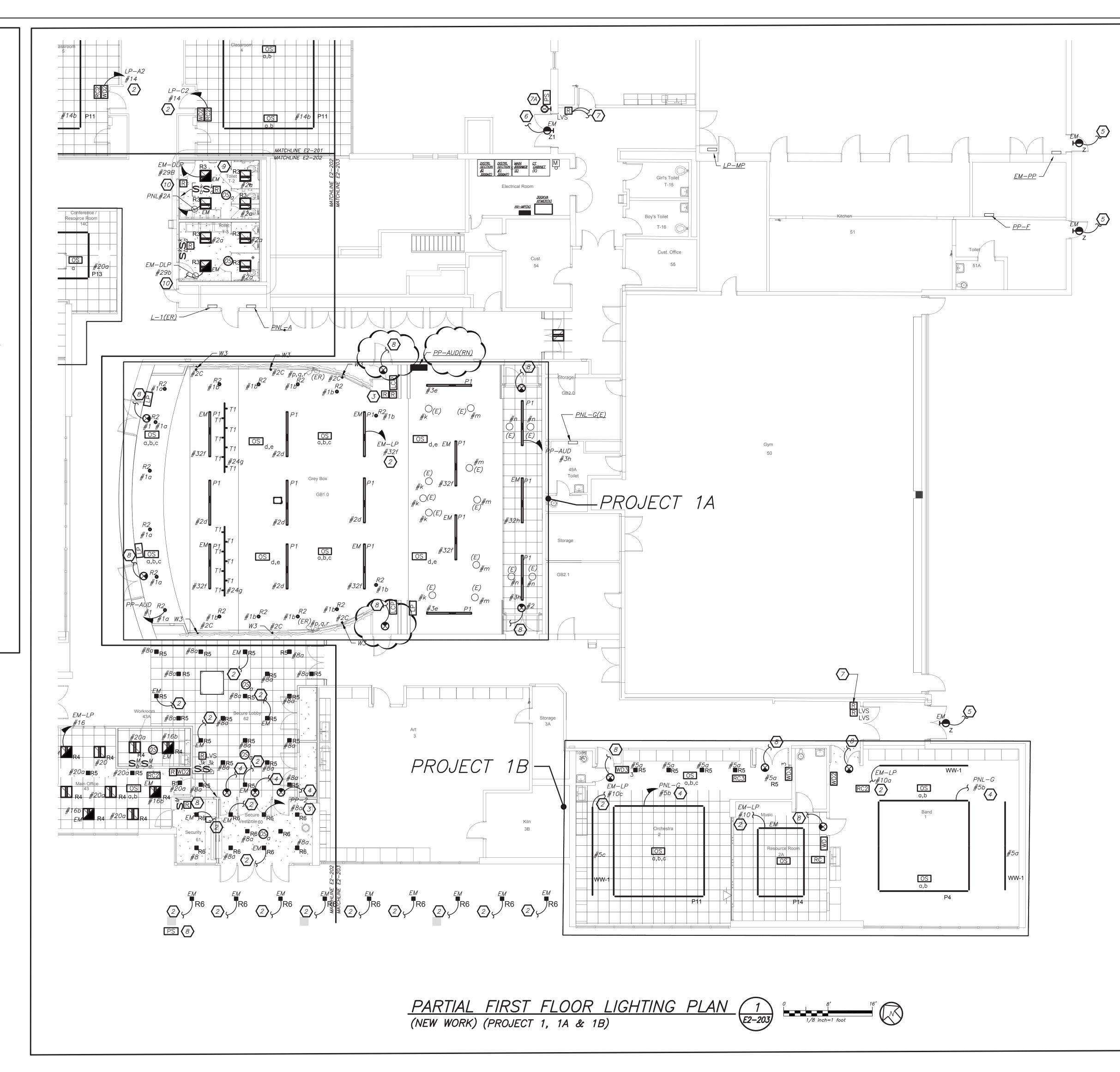
- 1. CLASSROOMS, MAKER SPACES, CONFERENCE ROOM AND LIBRARY ARE CONTROLLED VIA MANUAL ON DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH CLASSROOMS CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C' 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL 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. 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 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.
- 5. EXTERIOR BUILDING MOUNTED LIGHTS (TYPE Z1) ARE CONTROLLED VIA REMOTE PHOTOCELL AND STEP—DIM MOTION SENSORS.

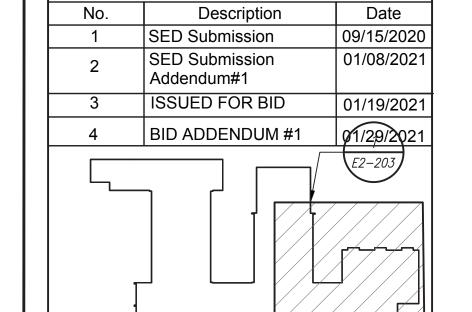
  PROVIDE UL 924 EMERGENCY LIGHTING RELAY TO BYPASS ALL SENSORS (PHOTOCELL AND OCCUPANCY SENSOR) IN THE EVENT OF EMERGENCY AT EGRESS DOORS AS SHOWN.

#### **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 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 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.





Revision Schedule

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SED#: 6618-0001-0001-023

PROJECT

Rye City Schools
555 Theodore Fremd Ave, Suite B-101

Osborn Elementary School

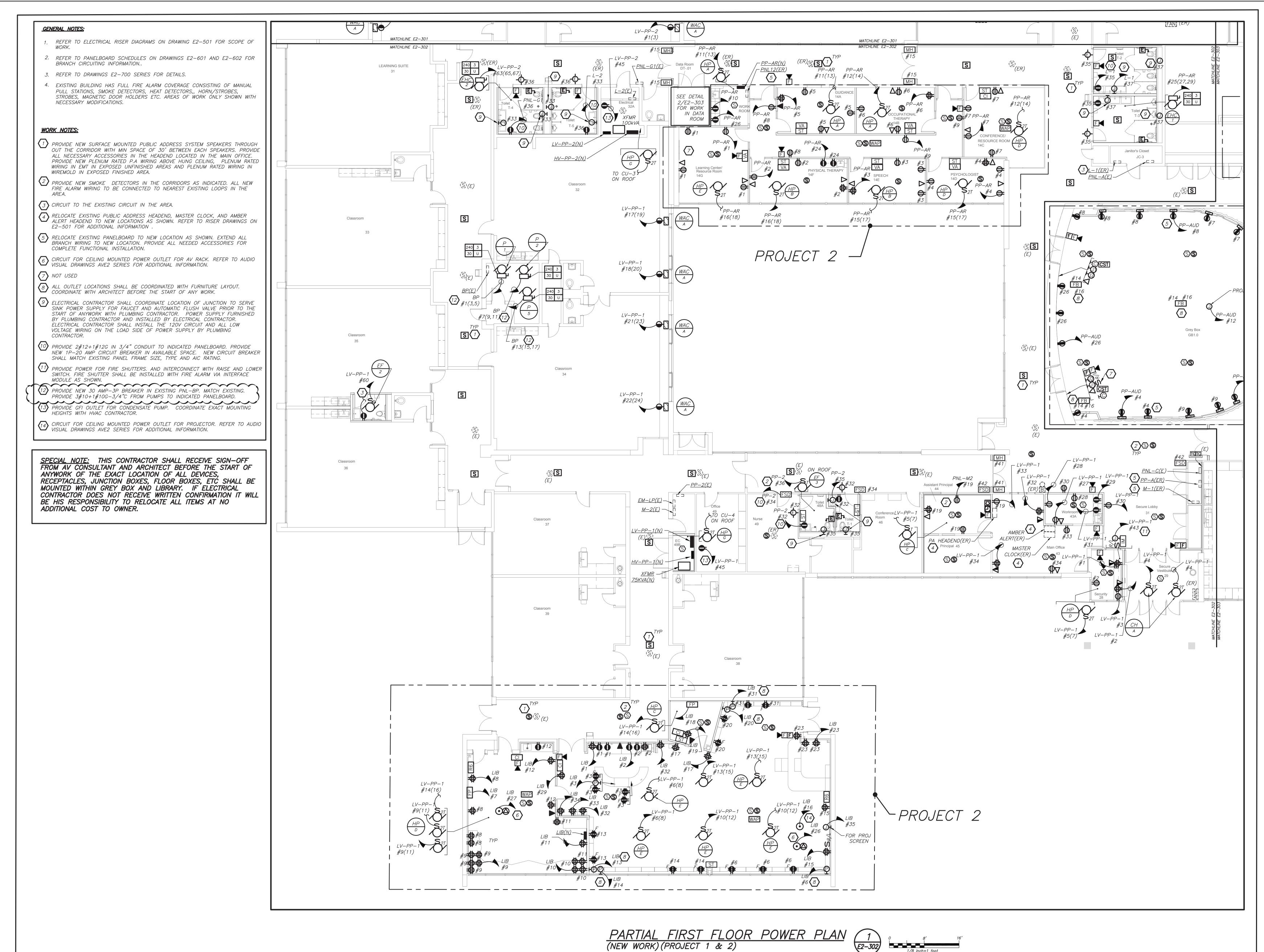
10 Osborn Road, Rye NY 10580

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

OF ALL OTHER CONTRACTORS



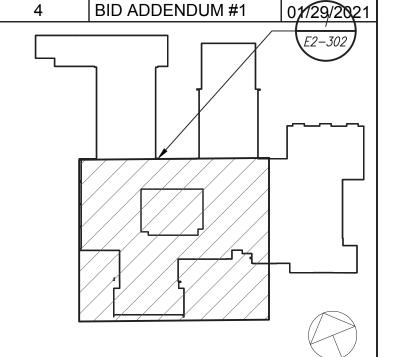
Revision Schedule

No. Description Date

1 SED Submission 09/15/2020

2 SED Submission 01/08/2021
Addendum#1

3 ISSUED FOR BID 01/19/2021



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Acoustic Consultant
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12 Cold Spring Street

Providence, RI 401-861-3218 <u>AV Consultant</u> CAVANAUGH TOCCI

327 F Boston Post Road 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

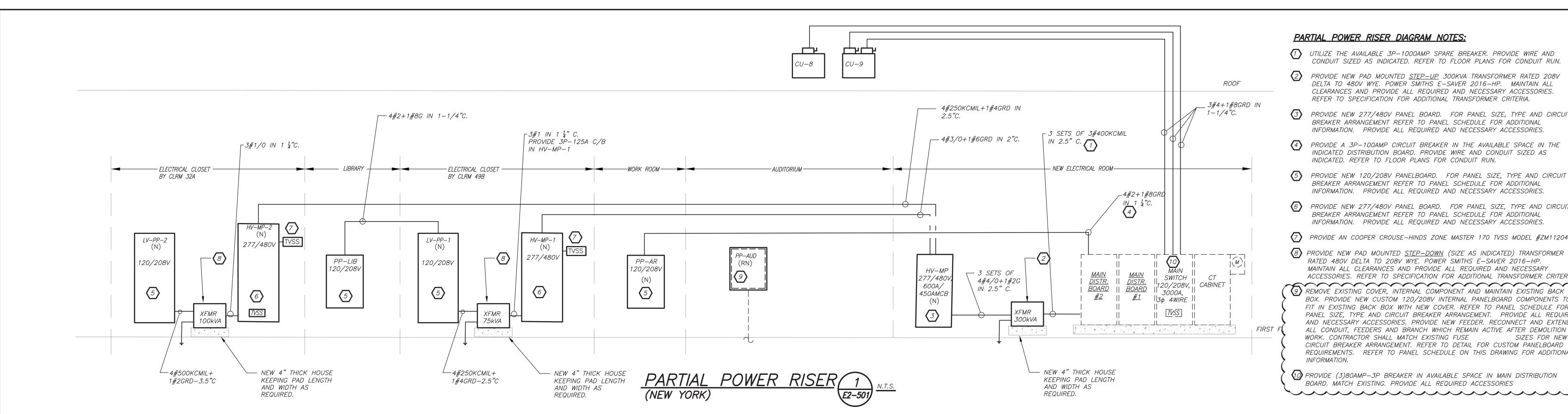
PART FIRST FLOOR POWER PLAN

PROJECT 1 & 2

SEAL & SIGNATURE | DATE:

PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No:

E2-302



#### PARTIAL POWER RISER DIAGRAM NOTES:

- 1) 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 <u>STEP-UP</u> 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.
- 3 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
- 5 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.

INDICATED. REFER TO FLOOR PLANS FOR CONDUIT RUN.

- 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.
- (8) PROVIDE NEW PAD MOUNTED <u>STEP-DOWN</u> (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
- 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 CIRCUIT BREAKER ARRANGEMENT. REFER TO DETAIL FOR CUSTOM PANELBOARD REQUIREMENTS. REFER TO PANEL SCHEDULE ON THIS DRAWING FOR ADDITIONAL
- 10 PROVIDE (3)80AMP-3P BREAKER IN AVAILABLE SPACE IN MAIN DISTRIBUTION BOARD. MATCH EXISTING. PROVIDE ALL REQUIRED ACCESSORIES

P.A. RACK

2. WIRING TYPES ARE SHOWN FOR REFERENCE ONLY. VERIFY EXACT WIRING REQUIREMENTS

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

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

REFER TO FLOOR PLANS FOR

—EXACT COUNT OF SPEAKERS,

VOLUME ATTENUATOR AND

CALL-IN BUTTON. (TYP.)

—1 PAIR #20AWG SHIELDED

WHERE APPLICABLE, 1 PAIR #20AWG

FIELD (TYP. FOR EACH VOLUME ATTENÙATOR. SEE NOTE $\langle 1 \rangle$ 

SHIELDED. VERIFY IN

FIELD (TYP. FOR EACH

SHIELDED PLENUM RATED. VËRIFY IN

SEE NOTE  $\langle 1 \rangle$ 

- 2 PAIR #20AWG

*SPEAKER)* 

PLENUM RATED. VERIFY IN FIELD

(TYP. FOR EACH CALL IN BUTTON.

FIRST FLOOR

# Architects Architecture. Planning. Interiors

Geddis

Revision Schedule

Description

SED Submission

**SED Submission** 

ISSUED FOR BID

BID ADDENDUM #1

Addendum#1

Date 09/15/2020

01/08/2021

01/19/2021

01/29/2021

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10 Osborn Road, Rye NY 10580

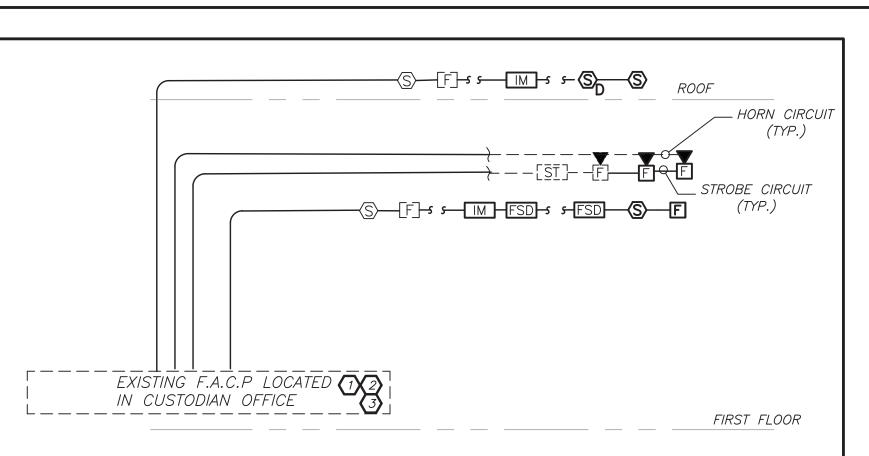
**ELECTRICAL RISER** 

SEAL & SIGNATURE | DATE:

PROJECT No: 9200 DRAWING BY: BGA DWG No: E2-501

#### FIRE ALARM RISER GENERAL NOTES:

- 1. 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.
- 3. 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.
- 4. 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
- A MINIMUM AVERAGE JACKET THICKNESS OF 25 MILS THE COLOR OF THE CABLE SHALL BE RED THE CABLE SHALL BE A TYPE FPLP (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.
- 6. SHUTDOWN OF HVAC SYSTEM EQUIPMENT (NOT LIMITED TO, ROOF TOP, EXHAUST FANS, ETC.) OF 1000 CFM OR GREATER. SHALL BE PERFORMED VIA A RÈLAY 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.
- 7. AFTER THE SYSTEM IS COMPLETE, TEST ALL COMPONENTS IN ACCORDANCE WITH SEQUENCE OF OPERATION PRIOR TO FIRE DEPARTMENT INSPECTION.
- 8. COORDINATE F.A WORK WITH F.A VENDOR.
- 9. VERIFY EXACT QUANTITIES OF FIRE ALARM DEVICES WITH PLANS.
- 10. ALL DEVICES SHALL BE SUPERVISED AS PER N.F.P.A. 72. PROVIDE END OF LINE RESISTORS AS REQUIRED PER INDIVIDUAL MANUFACTURER. PROVIDE LOAD RELAYS AS REQUIRED FOR PROPER OPERATION OF EQUIPMENT.
- 11. THIS CONTRACTOR IS RESPONSIBLE FOR ALL PROGRAMMING AND MAPPING OF EACH DEVICE AS REQUIRED.



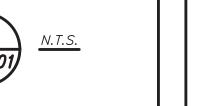
### FIRE ALARM RISER WORK NOTES:

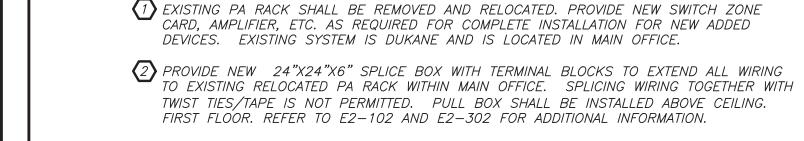
- (1) CONNECT NEW FIRE ALARM DEVICES TO NEAREST EXISTING FIRE ALARM DEVICE CIRCUIT. PROVIDE ALL REQUIRED RELAYS, MODULES, WIRING, ETC., AS NEEDED. REFER TO SPECIFICATION
- FOR ADDITIONAL INFORMATION. PROVIDE ALL RELAYS, POWER SUPPLIES, WIRING, ETC. AS REQUIRED FOR COMPLETE

→ MAIN OFFICE →

(3) ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH BASE BUILDING VENDOR OPEN SYSTEMS FOR PROGRAMMING AND MAPPING OF ALL DEVICES.

PART FIRE ALARM RISER (





2#18 SHIELDED

AREA SPEAKERS)

**GENERAL NOTES:** 

WITH MANUFACTURER.

CONCEALED WALLS.

**WORK NOTES:** 

ELECTRICAL CONTRACTOR.

CORRIDORS,

& LOBBY

CAFETERIA

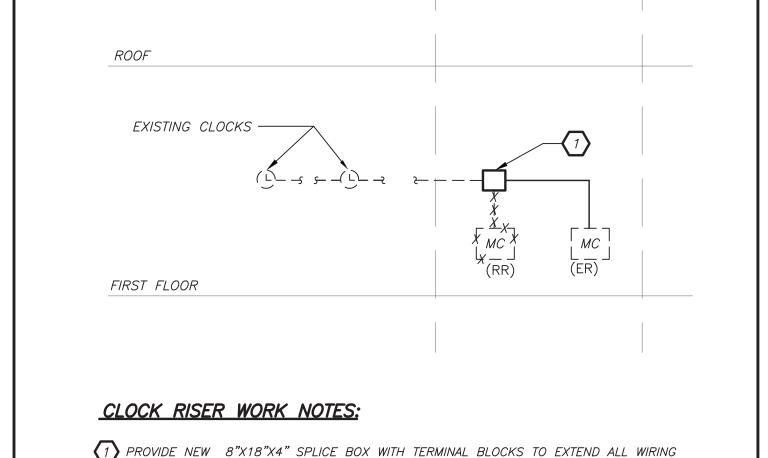
(TYP. FOR PUBLIC

P.A. RACK

1. VERIFY EXACT QUANTITY AND LOCATION OF DEVICES ON PLAN DRAWINGS.

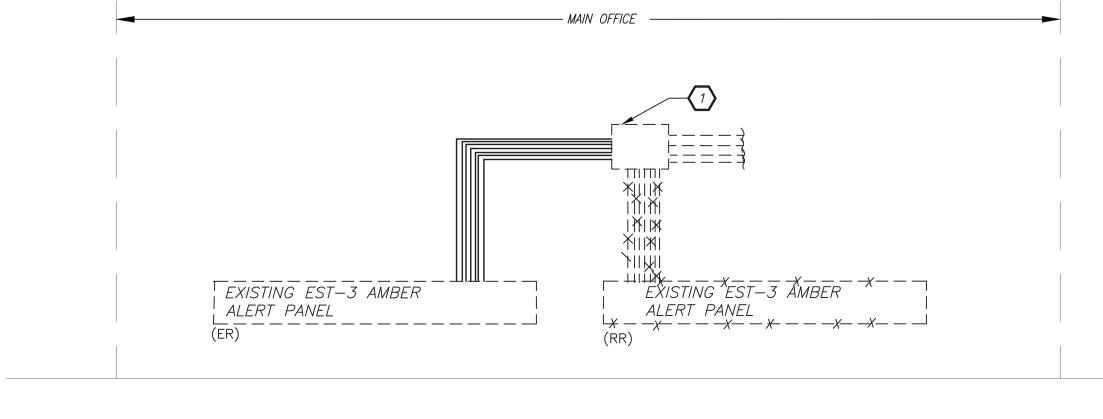
PARTIAL PUBLIC ADDRESS RISER DIAGRAM

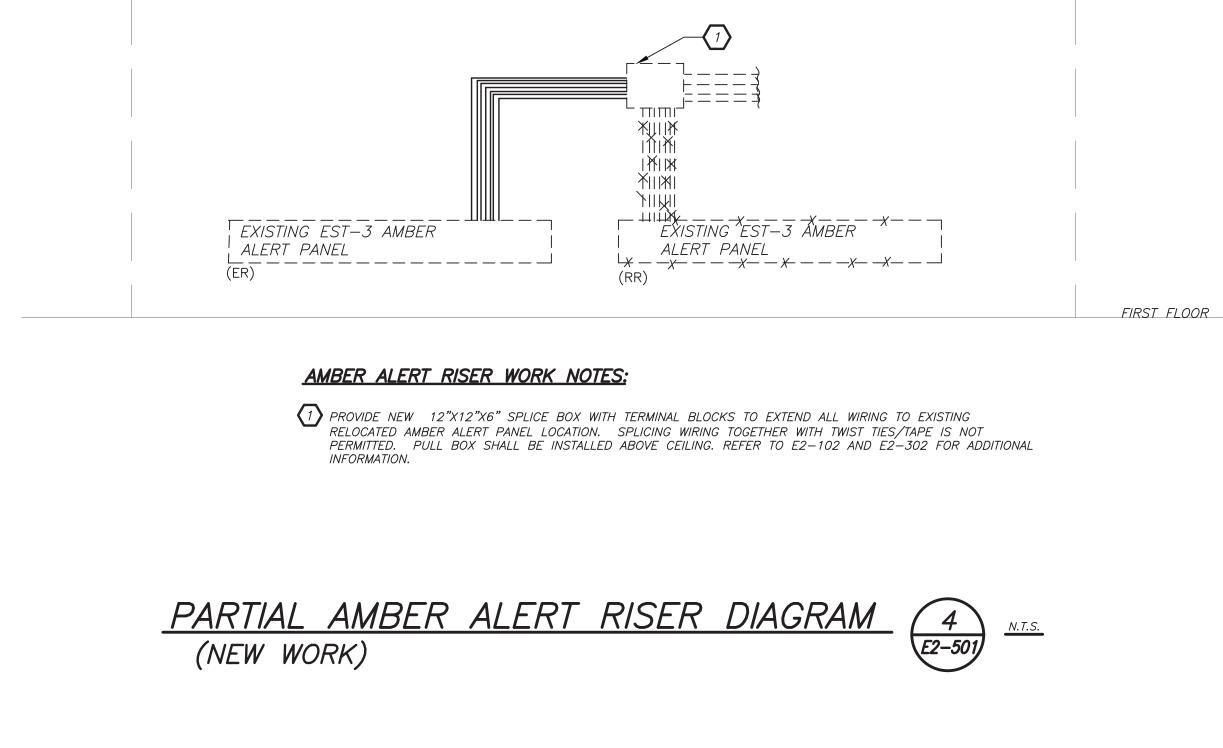
S-S-5-S-5



1) 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 (5)





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

OF ALL OTHER CONTRACTORS

#### WORK NOTES:

- 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 8/E-701 AND SPECIFICATION FOR MORE INFORMATION.
- COORDINATE LOCATION AND ELEVATION OF RECEPTACLE WITH AV CONSULTANT. BEFORE THE START OF ANY WORK.

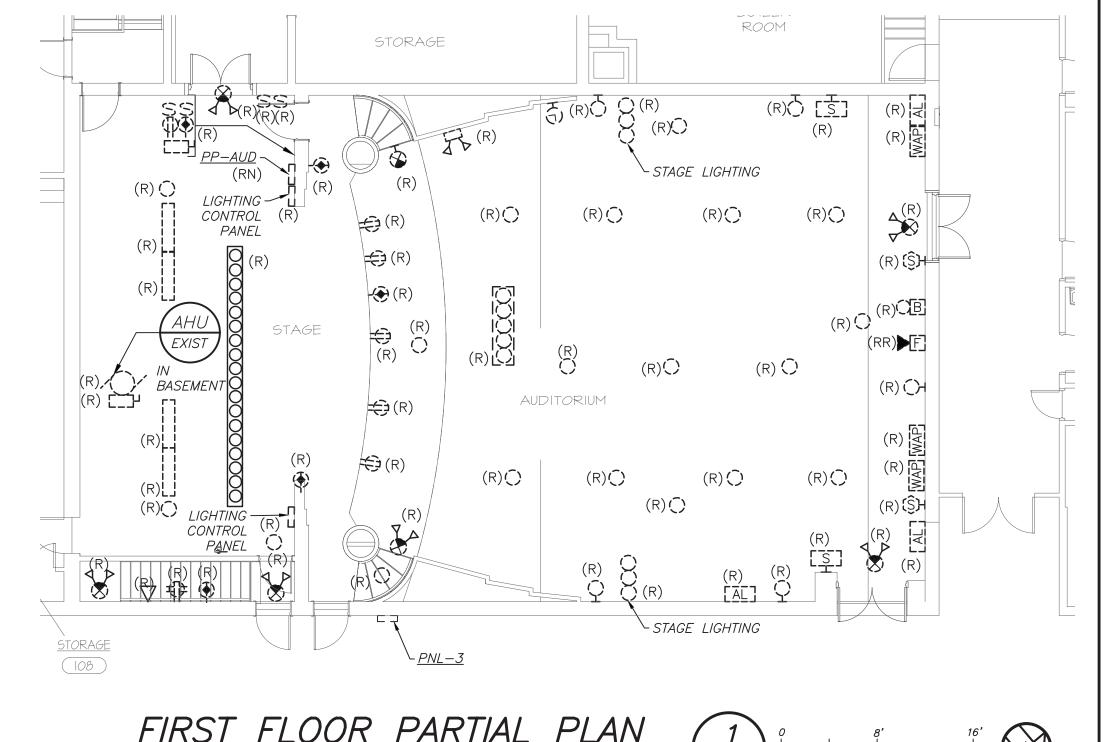
  JUNCTION BOX TO PROVIDE POWER FOR SPEAKER. COORDINATE EXACT LOCATION WITH AV CONSULTANT BEFORE THE START OF ANY WORK.
- CONSULTANT BEFORE THE START OF ANY WORK.

  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.

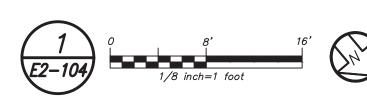
ZONE				LUMINAIRE	
#	CIRCUIT #	AMP	LOCATION	TYPE	(VA)
1	PP-AUD-4	20	AUD-HOUSE-MAIN	LED	168
2	PP-AUD-4	20	AUD-HOUSE-MAIN	LED-EMERGENCY-RELAY UL924	100
3	PP-AUD-6	20	AUD-HOUSE-MAIN	LED	110
4	PP-AUD-6	20	AUD-HOUSE-MAIN	LED-EMERGENCY-RELAY UL924	400
5	PP-AUD-6	20	AUD-HOUSE-MAIN	LED	360
6	PP-AUD-4	20	AUD-HOUSE-MAIN	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





FIRST FLOOR PARTIAL PLAN (REMOVALS) (PROJECT 1B)

Custodial



*PNL−BP ¬* 



Revision Schedule

Description

09/15/2020

01/08/2021

01/19/2021

SED Submission

SED Submission

ISSUED FOR BID

(1/2/3 E2-104

**Geddis** 

Architects

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Addendum#1

4 BID ADDENDUM #1

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SED#: 6618-0001-0003-025

PROJECT

Rye City Schools
555 Theodore Fremd Ave, Suite B-101

Midland Elementary School

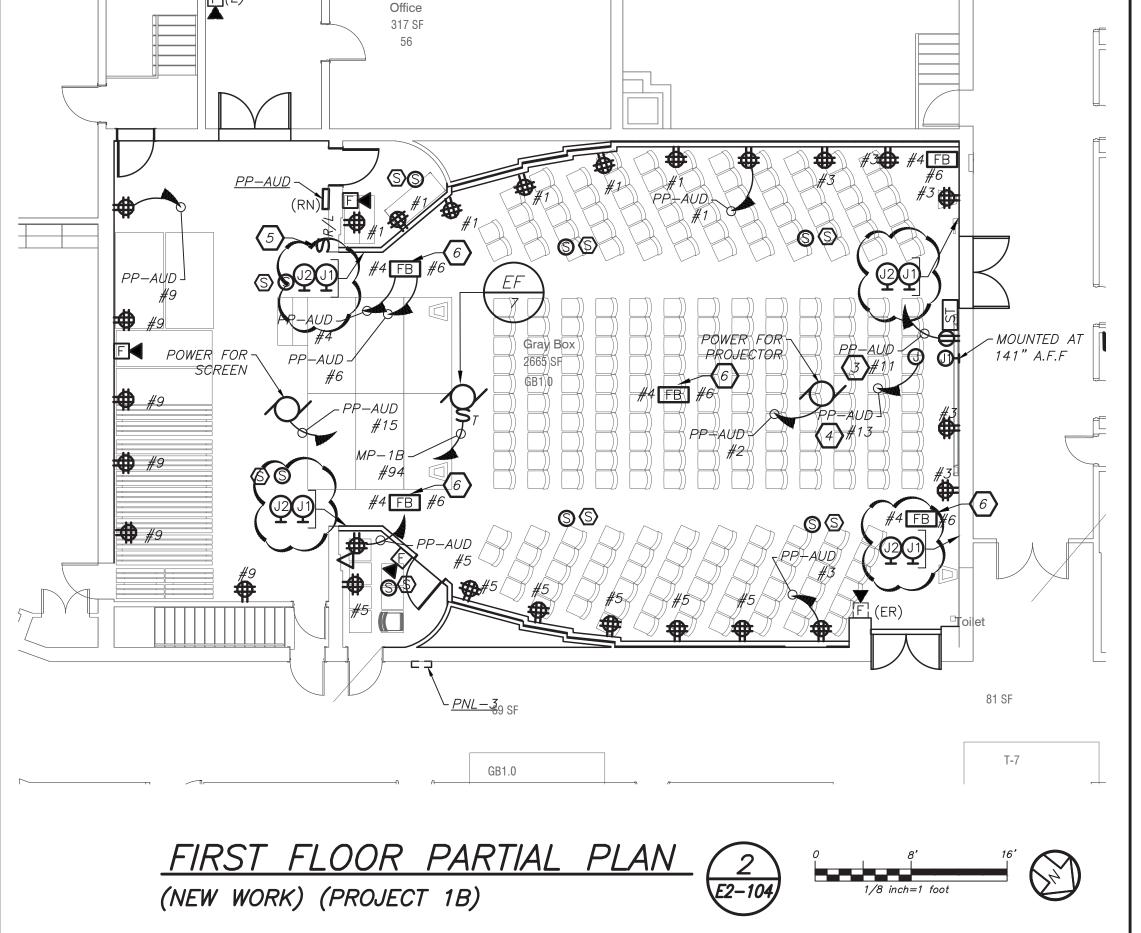
312 Midland Ave, Rye NY 10580

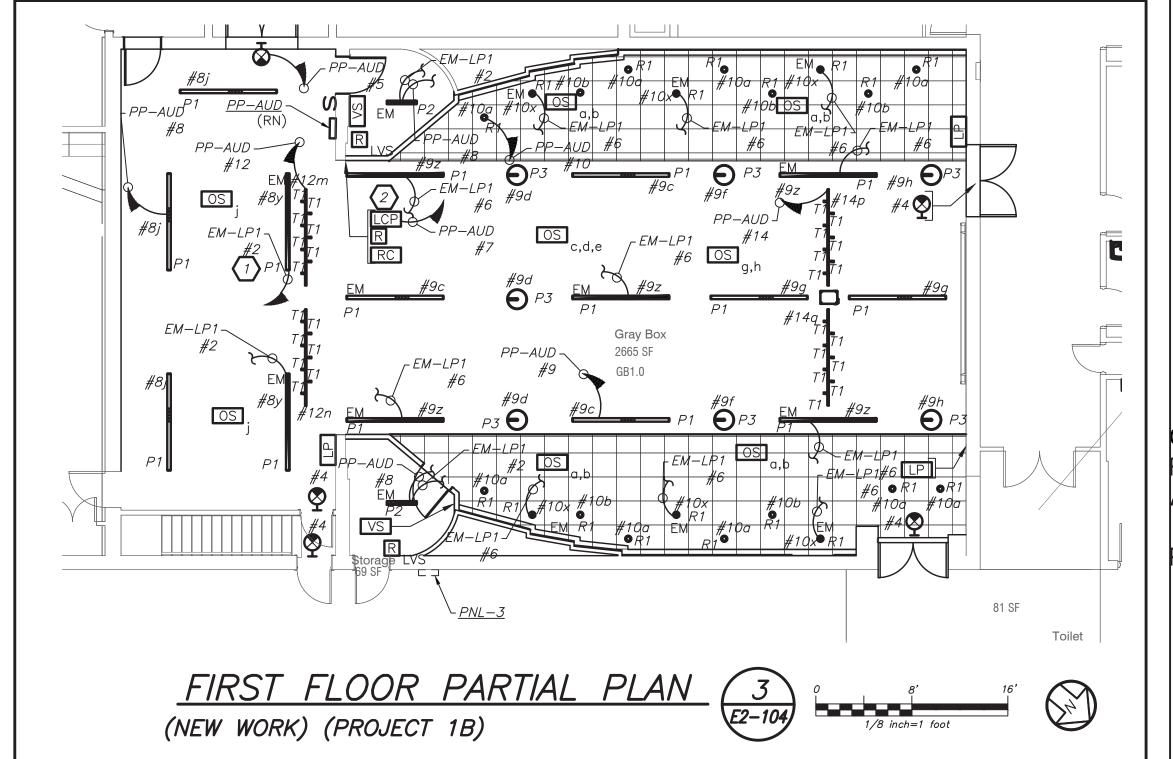
GREY BOX ELECTRICAL REMOVALS, LIGHTING, POWER AND FIRE ALARM PLAN

PROJECT 1B

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

E2-104







- . 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:**

CIRCUIT NUMBERS ARE FOR CONTRACTOR GUIDANCE ONLY.
WIRE LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.

WIRE CORRIDOR LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK. FIXTURES SHALL BE CONTROLLED VIA LOCAL WALL SWITCHES.

2) WIRE EMERGENCY LIGHTING TO EMERGENCY LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK

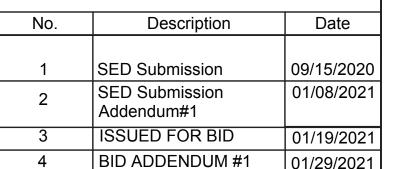
3) NOT USED

A NOT USED

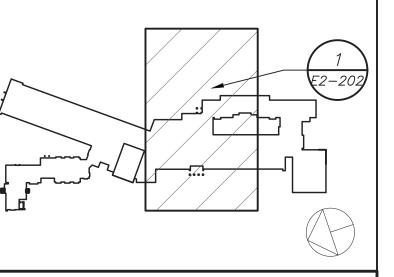
5) CIRCUIT EXTERIOR LIGHTING FIXTURE TYPE "Z" TO INTERIOR NORMAL LIGHTING CIRCUIT. FIXTURE SHALL BE CONTROLLED VIA INTEGRAL PHOTOCELL AND OCCUPANCY SENSOR. INCLUDE SELF CONTAINED BATTERY PACKS TO OVERRIDE ALL CONTROLS IN EVENT OF EMERGENCY.

- 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.
- 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.
- PROVIDE TORK 2001 SERIES PHOTOCELL SENSOR AND HUBBELL LIGHTOWL #LO-IRWVRP-LWO DISABLE OCCUPANCY SENSOR. INCLUDE #UVPP POWER PACK MOUNTED ON THE BUILDING WALL TO OPERATE TYPE "Z1" EXTERIOR EMERGENCY LIGHTING FIXTURE.





Revision Schedule



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| PROJECT |

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PARTIAL FIRST FLOOR

LIGHTING PLAN

PROJECT 1A,2

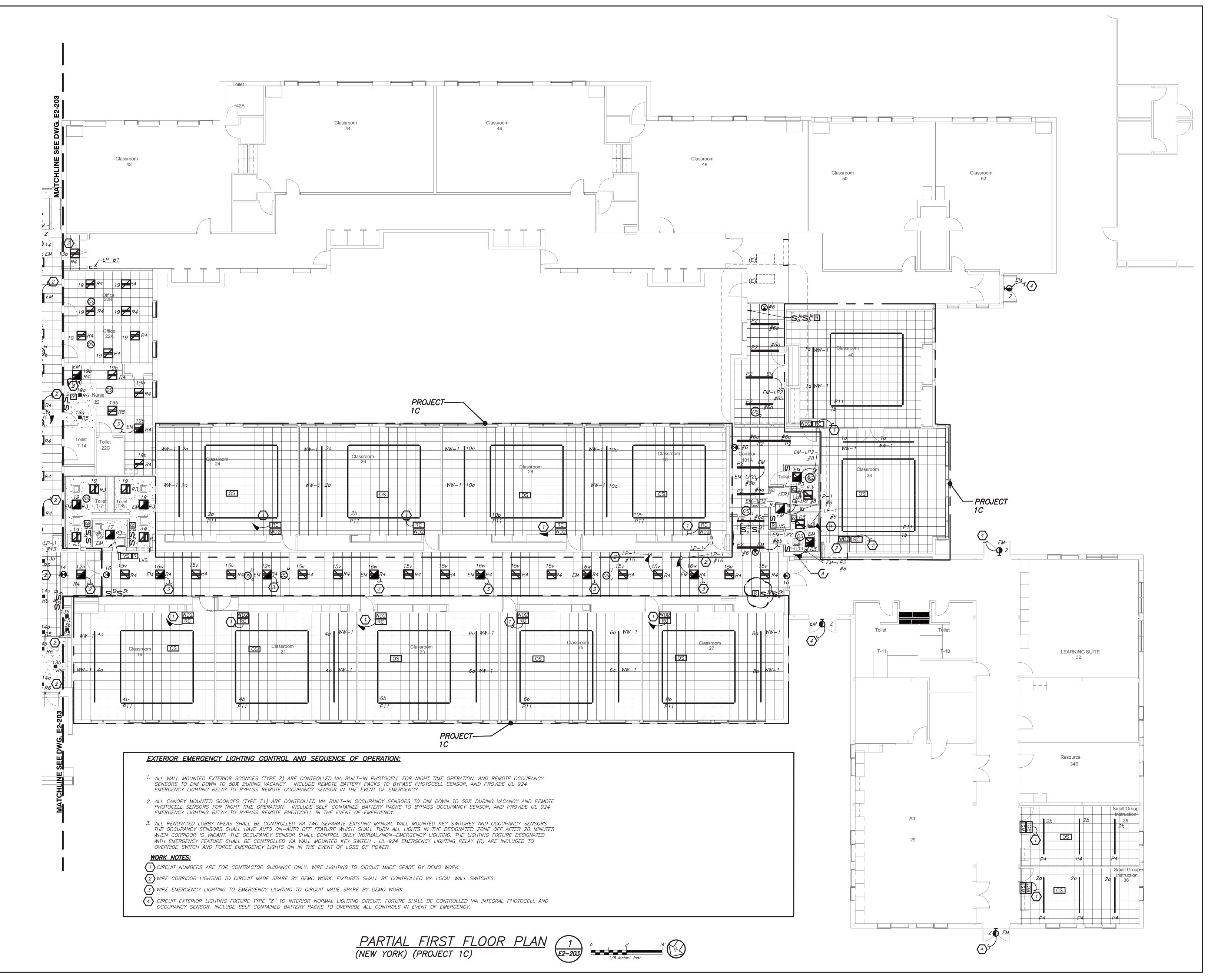
 SEAL & SIGNATURE
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 12/18/19

 PROJECT No:
 9200

 DRAWING BY:
 BGA

 CHK BY:
 BGA

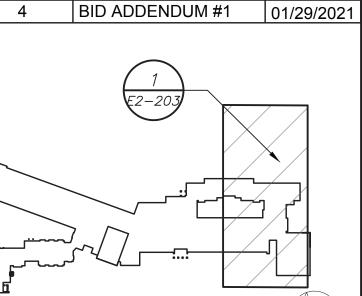
 DWG No:
 E2-202



Revision Schedule

No. Description Date

1 SED Submission 09/15/2020
2 SED Submission 01/08/2021
Addendum#1 01/19/2021



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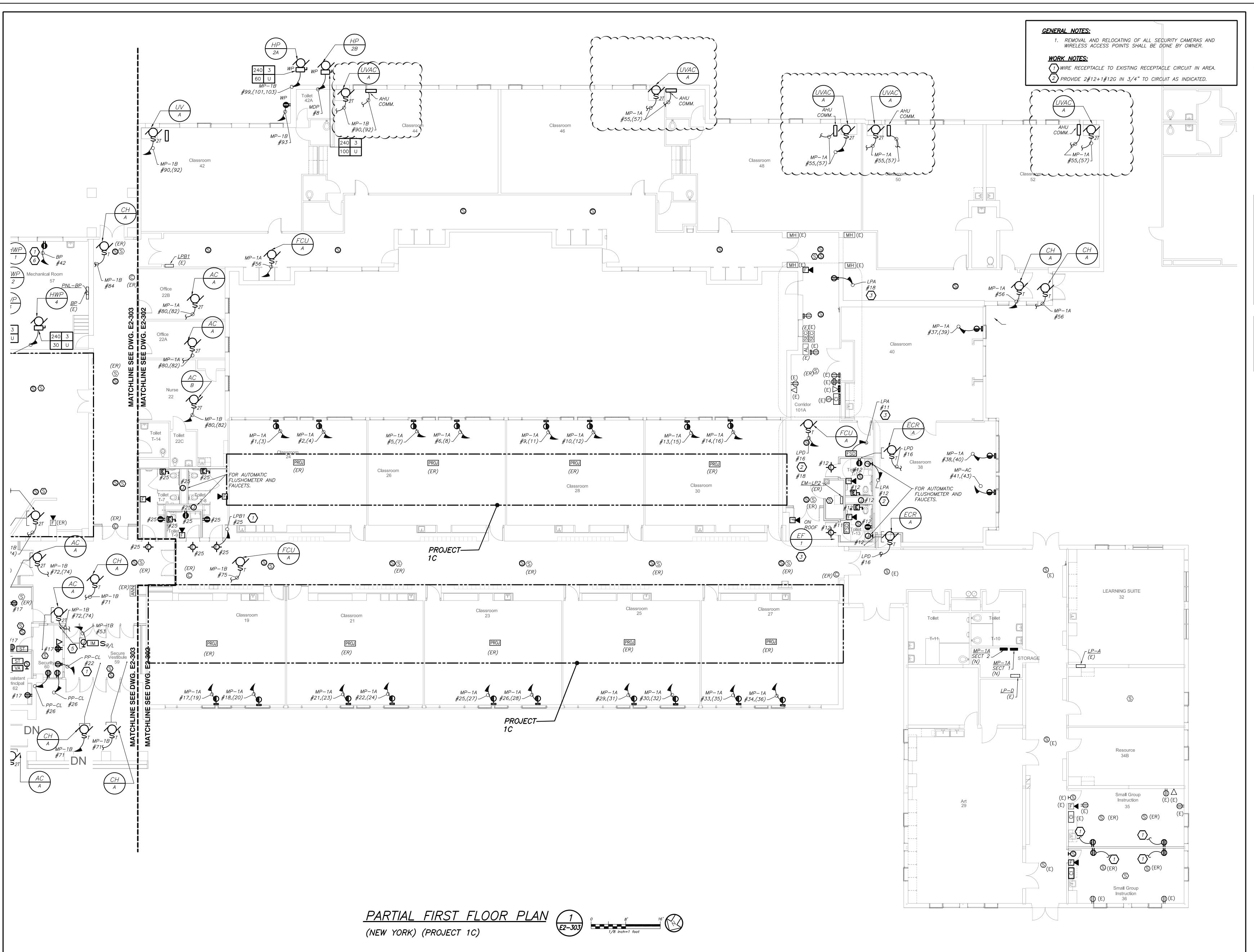
PARTIAL FIRST FLOOR LIGHTING PLAN

PROJECT 1C

 SEAL & SIGNATURE
 DATE:
 12/18/19

 PROJECT No:
 9200

PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No:
E2-203



 Revision Schedule

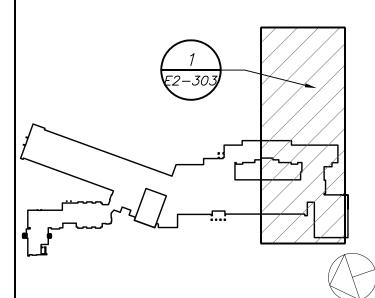
 No.
 Description
 Date

 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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Acoustic Consultant
DP DESIGN
12 Cold Spring Street
Providence, RI
401-861-3218

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

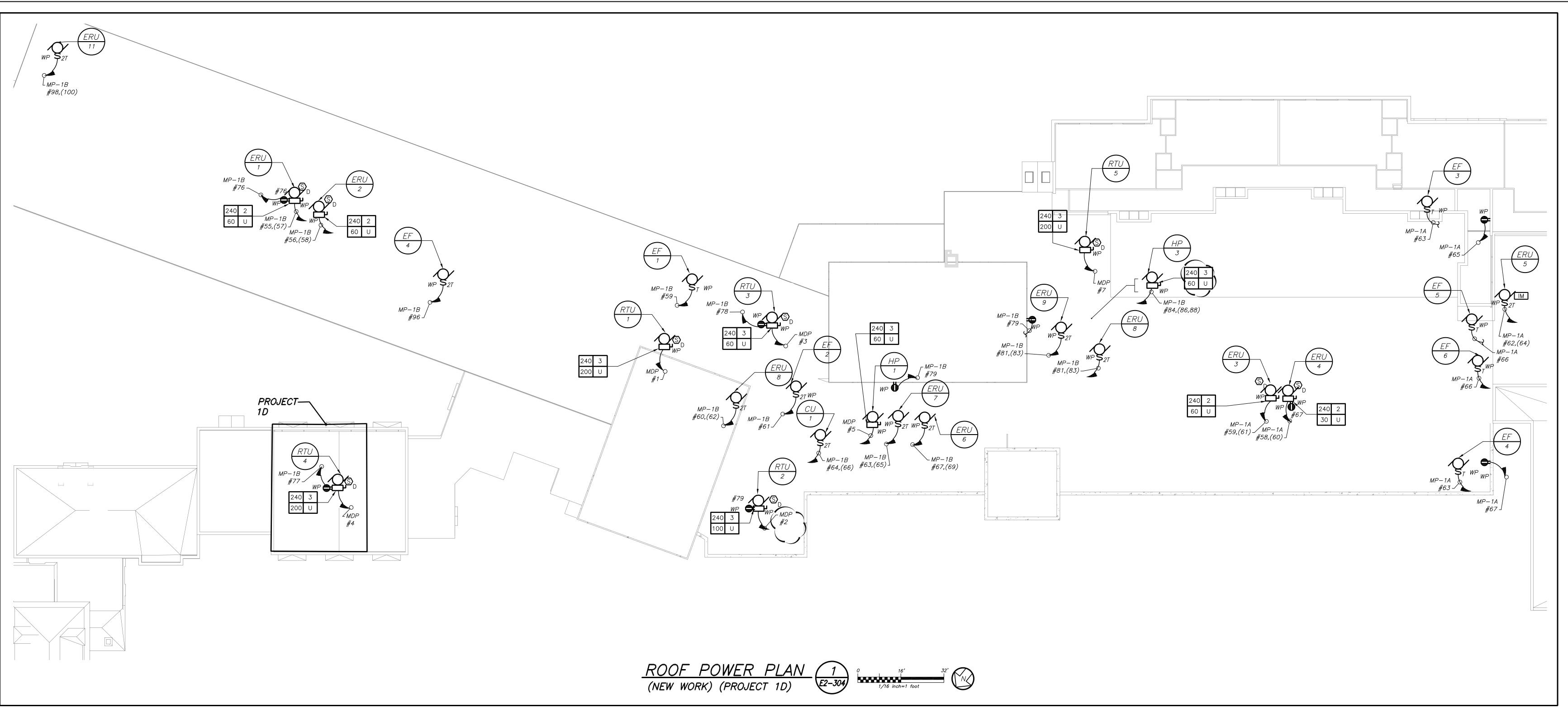
PARTIAL FIRST FLOOR POWER AND FIRE ALARM PLAN

PROJECT 1C

SEAL & SIGNATURE DATE: 12/18/19
PROJECT No: 9200

PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No:
E2-303

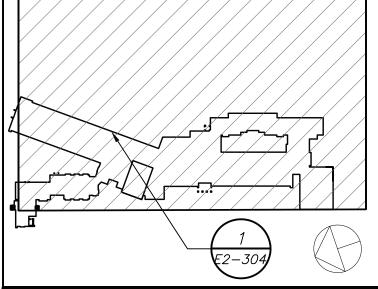
OF ALL OTHER CONTRACTORS



WORK NOTES:

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

Revision Schedule			
No.	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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Structural Engineer
ODEH ENGINEERS
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12 Cold Spring Street
Providence, RI
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### SED#: 6618-0001-0003-025

PROJECT

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312 Midland Ave, Rye NY 10580

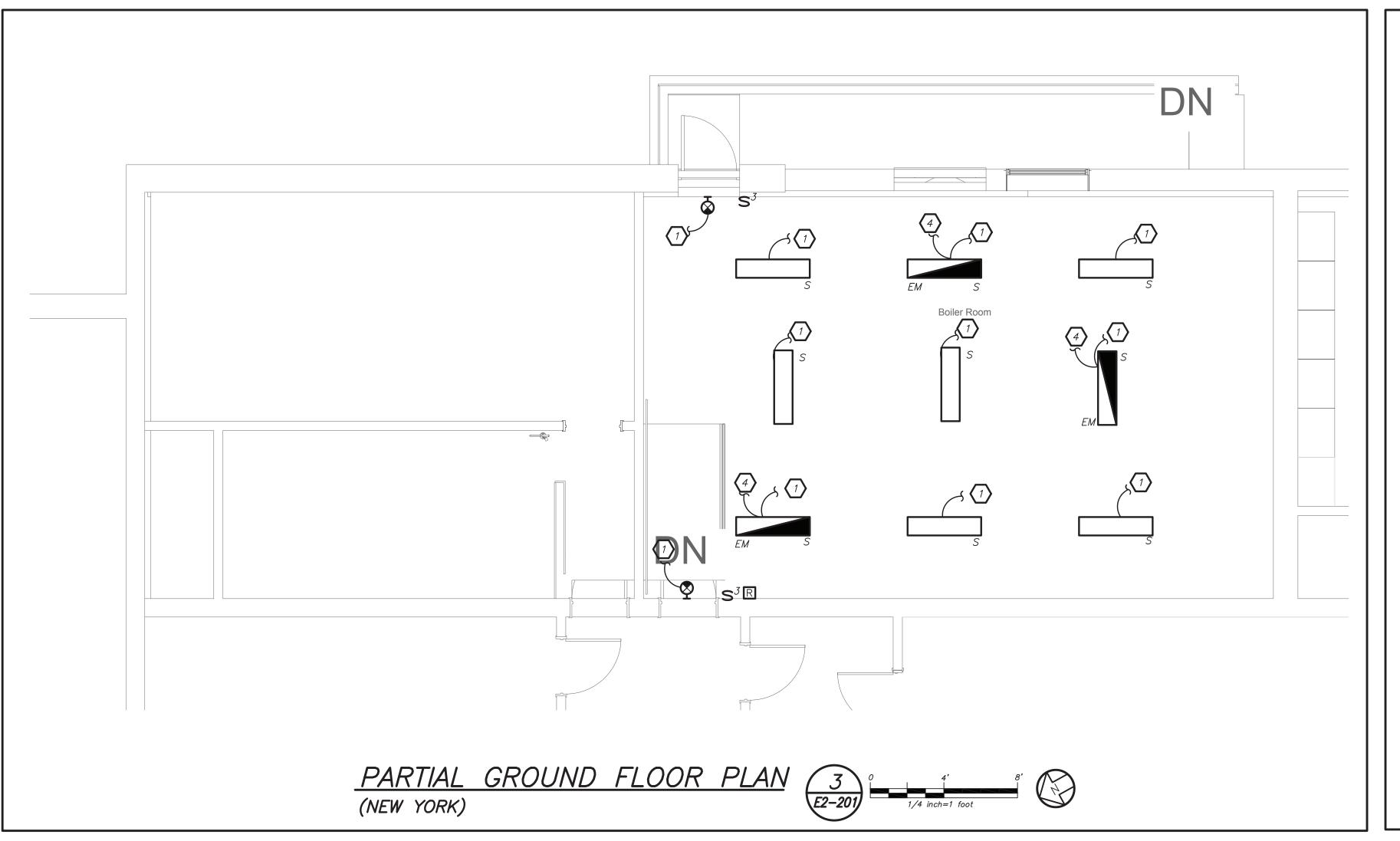
ROOF POWER AND FIRE ALARM PLAN

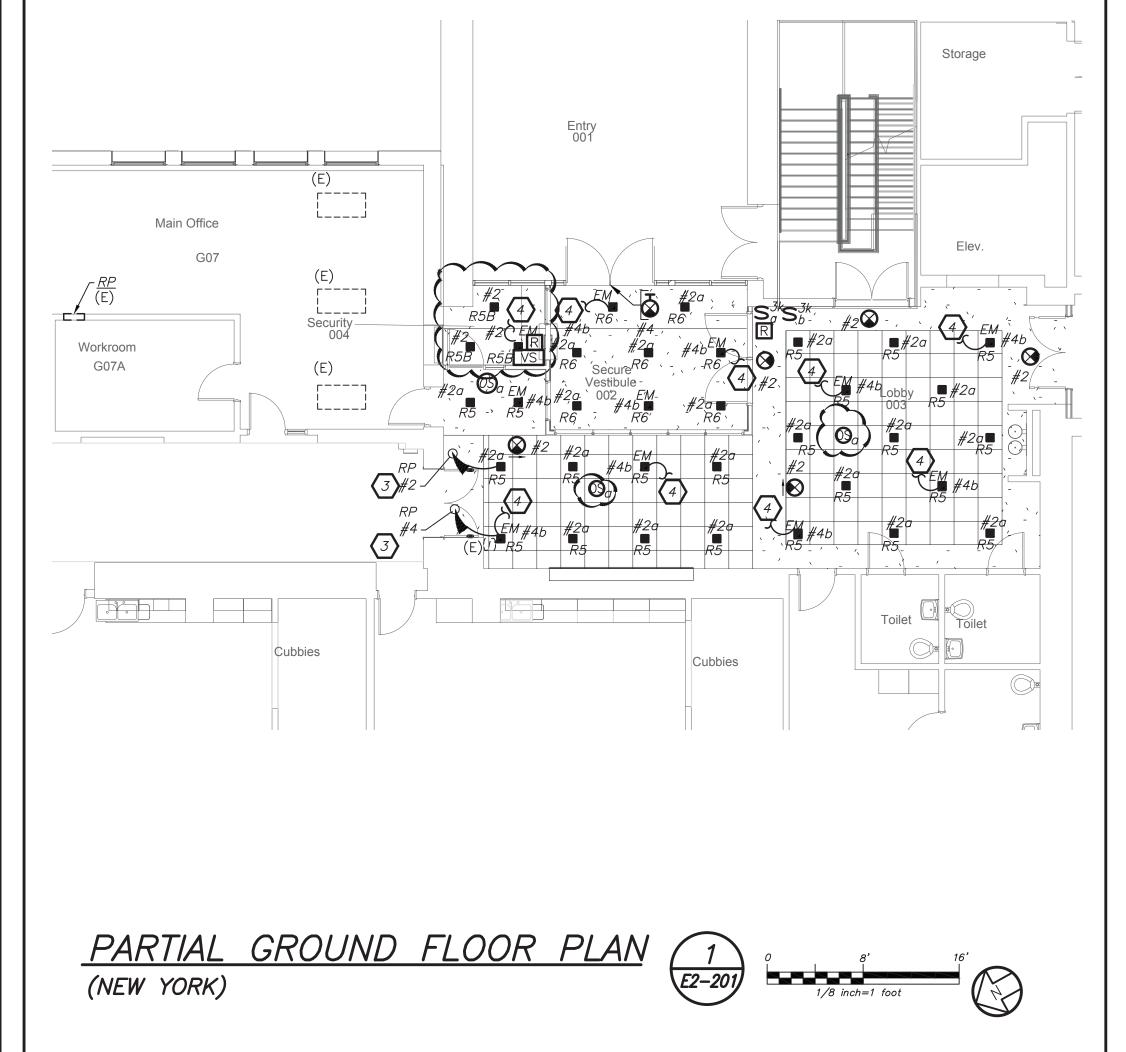
PROJECT 1D

AL & SIGNATURE	DATE:	12/18/19
	PROJECT No	: 9200
	DRAWING BY	/ BGA
	CHK BY:	BGA
	DWG No:	

E2-304

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





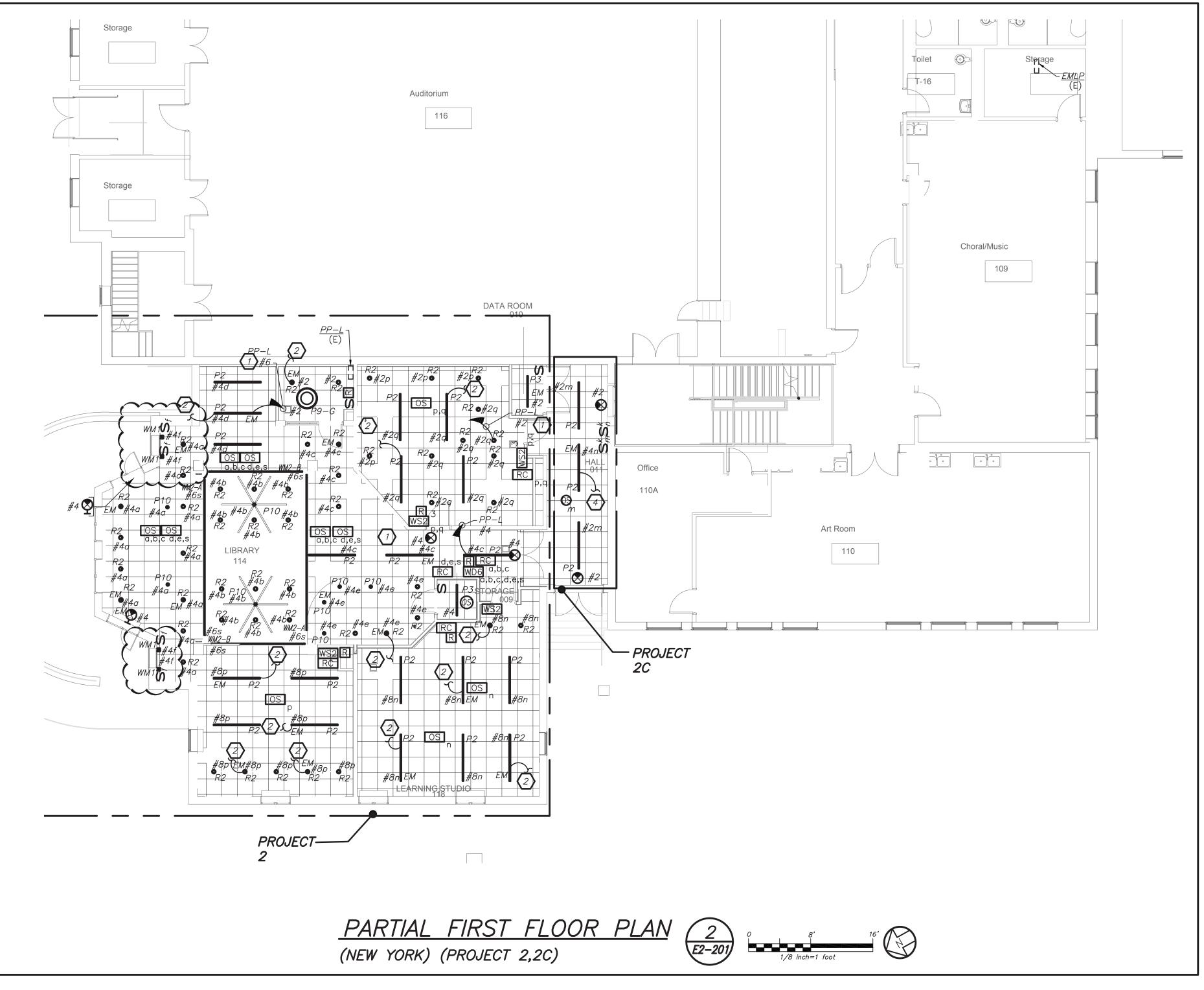


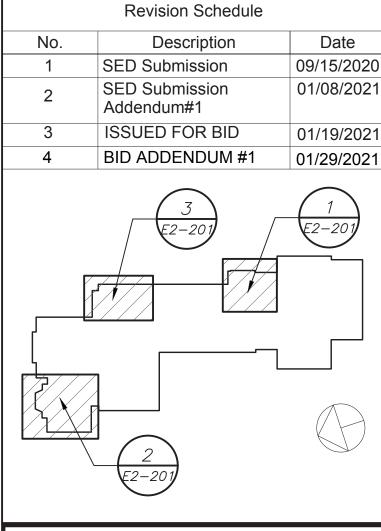
- CIRCUIT NUMBERS FOR CONTRACTOR GUIDANCE ONLY. WIRE LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.
- 2 CIRCUIT EMERGENCY LIGHTING TO EMERGENCY PANEL EMLP #16. PROVIDE 2#12+1#12G IN 3/4".
- CIRCUIT NUMBERS ARE FOR CONTRACTOR GUIDANCE ONLY. CIRCUIT LIGHTING TO CORRIDOR CIRCUIT MADE SPARE BY DEMO WORK. IF NOT OTHERWISE NOTED, LIGHTING SHALL BE CONTROLLED VIA EXISTING CORRIDOR LIGHT SWITCHES AND OCCUPANCY SENSORS.

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.





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Acoustic Consultant DP DESIGN 12 Cold Spring Street Providence, RI 401-861-3218

SED#: 6618-0001-0002-015

PROJECT

Rye City Schools 555 Theodore Fremd Ave, Suite B-101

Milton Elementary School

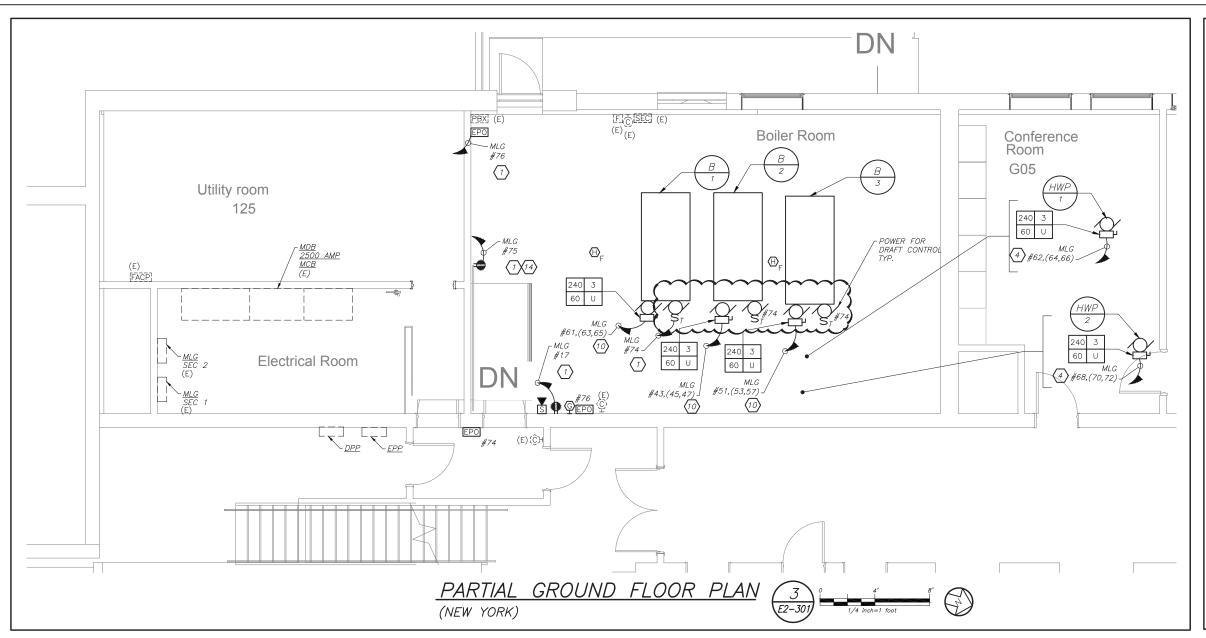
12 Hewlett St, Rye, NY 10580

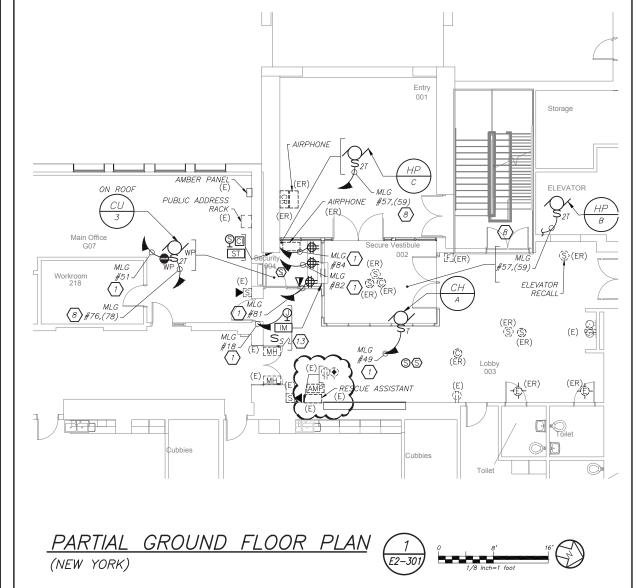
**NEW ELECTRICAL** LIGHTING PLAN

PROJECT 2,2C

SEAL & SIGNATURE | DATE: 02/11/20 PROJECT No: 9200 DRAWING BY: BGA DWG No: E2-201

OF ALL OTHER CONTRACTORS





**4**#23 **4**#23

PARTIAL FIRST FLOOR PLAN
(NEW YORK) (PROJECT 2,2B,2C)

### (203) 256-8700 Fielding International

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Revision Schedule Description

SED Submission SED Submission Addendum#1 ISSUED FOR BID

BID ADDENDUM #1

Date

01/19/2021

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Civil Engineer WESTON & SAMPSON 1 Winners Circle, Suite 130 Albany, NY 12205 518-463-4400

12 Cold Spring Street Providence, RI 401-861-3218

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

PROJECT

Office

2C 🗆

-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

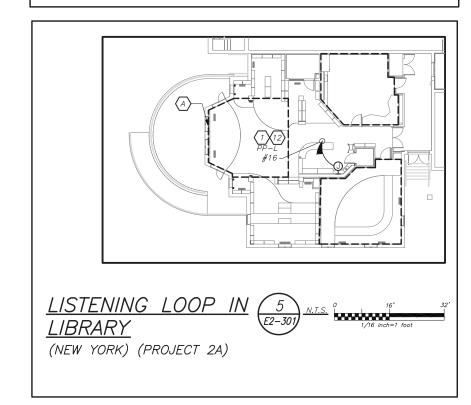
PROJECT 2, 2A, 2B,2C

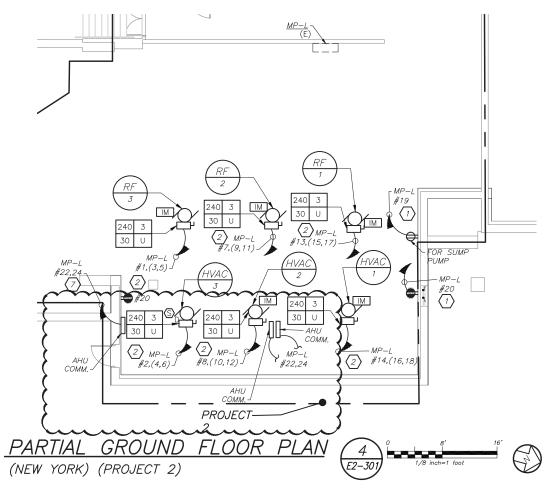
SEAL & SIGNATURE | DATE: 02/11/20

PROJECT No: 9200 DRAWING BY: BGA CHK BY: BGA DWG No: E2-301

#### TELE COIL WORK NOTES:

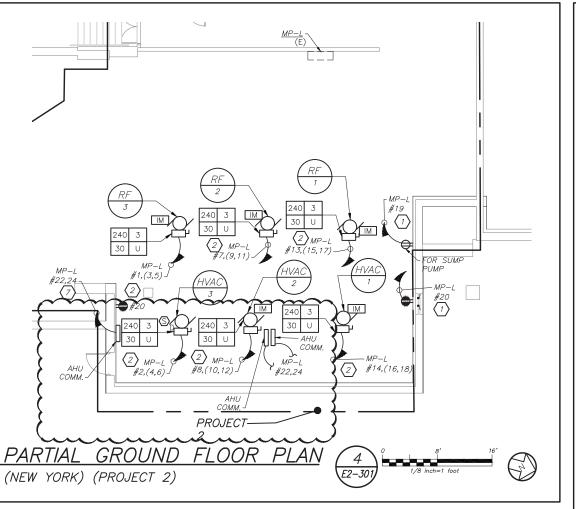
@ ELECTRICAL CONTRACTOR SHALL SCORE THE FLOOR AND FURNISH AND INSTALL TELECOIL LOOP. REFER TO AV2 DRAWINGS FOR MORE DETAILS ON THE TOTAL SCOPE OF WORK INCLUDING 27000 SECTION OF SPECIFICATION.

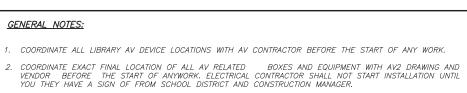




#### GENERAL NOTES:

- PROVIDE 3#12+1#12G IN 3/4"C TO CIRCUIT AS INDICATED. PROVIDE 3P-20 AMP BREAKER. CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. WIRE TO CIRCUIT MADE SPARE BY DEMO WORK.
- PROVIDE 3#8+1#10G IN 3/4"C TO PANEL AS INDICATED. PROVIDE 3P-40 AMP BREAKER. CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. WIRE TO CIRCUIT MADE SPARE BY DEMO WORK.
- 6 PROVIDE 3#6+1#10G IN 1" TO THE MAIN DISTRIBUTION BOARD IN THE MAIN ELECTRICAL ROOM. PROVIDE 3P-60 AMP BREAKER. 7 PROVIDE 2#12+1#12G IN 3/4"C TO PANEL AS INDICATED. PROVIDE 2P-20AMP BREAKER.
- B) PROVIDE 2#12+1#12G IN 3/4"C TO CIRCUIT AS INDICATED. PROVIDE 1P-20 AMP BREAKER. CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. WIRE TO CIRCUIT MADE SPARE BY DEMO WORK.
- 11) 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 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.





PROVIDE 2#12+1#12G IN 3/4"C TO CIRCUIT AS INDICATED. PROVIDE 1P-20 AMP BREAKER. CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. WIRE TO CIRCUIT MADE SPARE BY DEMO WORK.

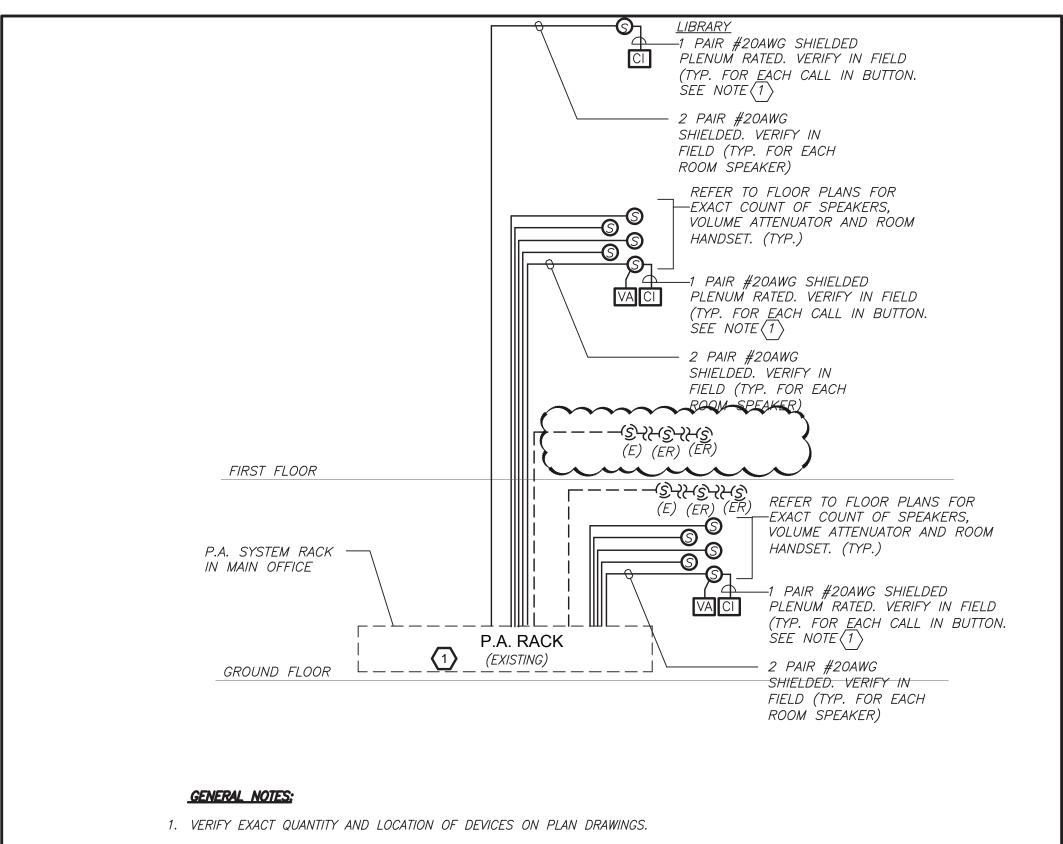
5 NOT USED

NOT USED

9
PROVIDE 3#8+1#10G IN 3/4"C 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.

12) PROVIDE POWER FOR TELE-COIL LOOP POWER SUPPLY.

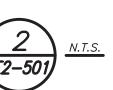
BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

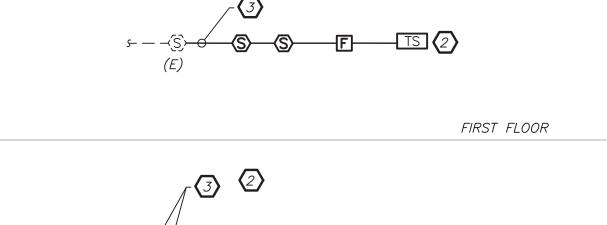


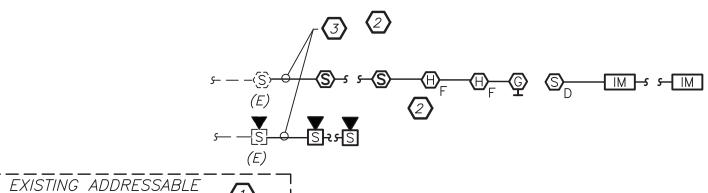
- 2. WIRING TYPES ARE SHOWN FOR REFERENCE ONLY. VERIFY EXACT WIRING REQUIREMENTS WITH MANUFACTURER.
- 3. ELECTRICAL CONTRACTOR SHALL PROVIDE PLENUM RATED WIRING AND RUN EXPOSED ABOVE ACCESSIBLE CEILING. IT SHALL BE RUN IN EMT CONDUIT WHERE EXPOSED, EXCEPT IN CORRIDORS AND OFFICES WIRING SHALL BE RUN 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.

(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) M.T.S.







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

2. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED RELAYS, CONTACTS, ZONE BOARDS, ETC. FOR A COMPLETE AND FULLY FUNCTIONAL

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.

INSPECTION FEES SHALL BE INCLUDED AS PART OF THIS CONTRACT.

DEVICE WIRING SHALL BE AS FOLLOWS (FOR BIDDING PURPOSES ONLY):

ABLED, NOTIFY BUILDING OWNER IMMEDIATELY.

SPEAKER WIRING - #16 AWG TWISTED

A. A MINIMUM TEMPERATURE RATING OF 150 C

REQUIREMENTS AND IS LISTED BY UL.

TO FIRE DEPARTMENT INSPECTION.

11. COORDINATE F.A WORK WITH F.A VENDOR.

FIRE ALARM RISER WORK NOTES:

ELECTRICAL ROOM ON THE LOWER LEVEL.

(3) CONNECT TO EXISTING LOOP

THE COLOR OF THE CABLE SHALL BE RED

SEE NOTE 5 FOR ADDITIONAL CLARIFICATION.

STROBE WIRING — #14 AWG TWISTED SIGNAL WIRING — #14 AWG TWISTED/SHIELDED

THE WIRING SHALL HAVE THE FOLLOWING CHARACTERISTICS:

B. A MINIMUM AVERAGE INSULATION THICKNESS OF 15 MILS A MINIMUM AVERAGE JACKET THICKNESS OF 25 MILS

IN ALL FINISHED AREAS. PROVIDE DOUBLE DEEP DEVICE BOX IN WALL.

12. VERIFY EXACT QUANTITIES OF FIRE ALARM DEVICES WITH PLANS.

4. PERMITS AND APPROVALS NECESSARY FOR INSTALLATION OF THE WORK SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF THE WORK. ALL PERMIT COSTS AND

5. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AND PROTECT EXIST-ING FIRE ALARM SPEAKER SMOKE DETECTORS, AND OTHER FIRE ALARM SAFETY DEVICES IN OPERATION AT ALL TIMES. IF ANY PORTION OF FIRE ALARM SYSTEM IS DIS—

6. UNLESS DIRECTED OTHERWISE BY FIRE ALARM MAINTENANCE VENDOR FIRE ALARM

THE CABLE SHALL BE A TYPE FPLP (PLENUM TYPE) WHEN CONDUIT IS USED.

7. PROVIDE MC FIRE ALARM CABLE WITH RED STRIPE AS MANUFACTURED BY AFC SERIES 1800

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

10. AFTER THE SYSTEM IS COMPLETE, TEST ALL COMPONENTS IN ACCORDANCE WITH SEQUENCE OF OPERATION PRIOR

13. ALL DEVICES SHALL BE SUPERVISED AS PER N.F.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.

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

2 PROVIDE DEVICE ADDRESS WITH A PERMANENT TYPE LABEL FOR ALL INITIATING DEVICES.

FIRE ALARM RISER DIAGRAM

WHEN CABLE IS CONCEALED OR ABOVE HUNG CEILING. WHEN FIRE ALARM CABLE IS RUN

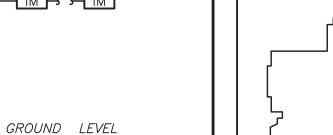
EXPOSED IN FINISHED AREAS, CABLE SHALL RUN IN WIREMOLD V-700. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN UNFINISHED AREAS, PROVIDE PLENUM RATED CABLE IN MIN.

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

F. THE CABLE SHALL BE VISIBLY MARKED EXTERNALLY THAT IT MEETS THE ABOVE

FIRE ALARM SYSTEM NOTES:

OF DEVICES WITH PLANS.



# Geddis Architects

Revision Schedule

Description

SED Submission

SED Submission

ISSUED FOR BID

BID ADDENDUM #1

Addendum#1

Date

09/15/2020

01/08/2021

01/19/2021

01/29/2021

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> **Acoustic Consultant** DP DESIGN 12 Cold Spring Street Providence, RI 401-861-3218

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

**ELECTRICAL RISERS** 

SEAL & SIGNATURE | DATE: PROJECT No: 9200 DRAWING BY: BGA CHK BY: DWG No:

E2-501

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

OF ALL OTHER CONTRACTORS

# Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

# Rye High School & Middle School

1 Parsons Street, Rye, New York 10580

SED #: 66180001-0005-032

E2-305

E2-306

E2-307

E2-308

E2-309

E2-310

E2-311

E2-312

E2-501

E2-502

E2-601

E2-602

E2-701

E2-702

AVE2-001

AVE2-101

AVE2-102

AVE2-111

AVE2-112

AVE2-201

AVE2-202

AUDIOVISUAL KEYS, NOTES AND SCHEDULES

AUDIOVISUAL PLAN - THIRD FLOOR

AUDIOVISUAL RCP - THIRD FLOOR

**ELECTRICAL DETAILS** 

**ELECTRICAL DETAILS** 

AUDIOVISUAL PLAN - iLAB

AUDIOVISUAL RCP - iLAB

HIGH SCHOOL & MIDDLE SCHOOL PART ELECTRICAL RISER

HIGH SCHOOL & MIDDLE SCHOOL FIRE ALARM AND PA RISER

HIGH SCHOOL & MIDDLE SCHOOL ELECTRICAL SCHEDULES

HIGH SCHOOL & MIDDLE SCHOOL ELECTRICAL SCHEDULES

HEARING LOOP SYSTEM LOOP WIRE LAYOUTS AND DIAGRAMS - ILAB

HEARING LOOP SYSTEM LOOP WIRE LAYOUTS AND DIAGRAMS - THIRD FLOOR

INTERIOR ELEVATION TAG

CALL OUT SYMBOL

**SECTION SYMBOL** 

LEVEL TAG

**\A-1.1** *─* 

NAME ELEVATION

#### **UNIFORM SAFETY STANDARDS COMMISIONER'S REGULATIONS 155.5** Statement: "The occupied portion of any school building shall always comply with the minimum requirements necessary to maintain a certificate of occupancy.' 2. Indication that all school areas to be disturbed during renovation or demolition have been or C2-002 will be tested for lead and asbestos. Note, the project folder should contain a letter regarding the presence of asbestos. Statement: "General safety and security standards for construction projects All construction materials shall be stored in a safe and secure manner. Fences around construction supplies or debris shall be maintained. 3. Gates shall always be locked unless a worker is in attendance to prevent unauthorized 4. During exterior renovation work, overhead protection shall be provided for any sidewalks or areas immediately beneath the work site or such areas shall be fenced off and provided with warning signs to prevent entry. Workers shall be required to wear photo-identification badges at all times for identification and security purposes while working at occupied sites.' Statement "Separation of construction areas from occupied spaces. Construction areas which are under the control of a contractor and therefore not occupied by district staff or students shall be separated from occupied areas. Provisions shall be made to prevent the passage of dust and contaminants into occupied parts of the building. Periodic inspection and repairs of the containment barriers must be made to prevent exposure to dust or contaminants. Gypsum board must be used in exit ways or other areas that require fire rated separation. Heavy duty plastic sheeting may be used only for a vapor, fine dust or air infiltration barrier, and shall not be used to separate occupied spaces from construction areas. A specific stairwell and/or elevator should be assigned for construction worker use during work hours. In general, workers may not use corridors, stairs or elevators designated for students or school staff. 2. Large amounts of debris must be removed by using enclosed chutes or a similar sealed system. There shall be no movement of debris through halls of occupied spaces of the building. No material shall be dropped or thrown outside the walls of the building. A2-115 3. All occupied parts of the building affected by renovation activity shall be cleaned at the close of each workday. School buildings occupied during a construction project shall A2-202 A2-203 maintain required health, safety and educational capabilities at all times that classes A2-300 are in session." 4. A plan detailing how exiting required by the applicable building code will be A plan detailing how adequate ventilation will be maintained during construction. 5. Statement: A2-314 "Construction and maintenance operations shall not produce noise in excess of 60 dba in occupied spaces or shall be scheduled for times when the building or affected building spaces

# are not occupied or acoustical abatement measures shall be taken.

6. Statement: "The contractor shall be responsible for the control of chemical fumes, gases, and other

to ensure they do not enter occupied portions of the building or air intakes.'

contaminates produced by welding, gasoline or diesel engines, roofing, paving, painting, etc.

### 7. Statement:

"The contractor shall be responsible to ensure that activities and materials which result in "off-gassing" of volatile organic compounds such as glues, paints, furniture, carpeting, wall covering, drapery, etc. are scheduled, cured or ventilated in accordance with manufacturers recommendations before a space can be occupied."

### 8. Statement:

"Large and small asbestos abatement projects as defined by 12NYCRR56 shall not be performed while the building is occupied". Note, It is our interpretation that the term "building", as referenced in this section, means a wing or major section of a building that can be completely isolated from the rest of the building with sealed non combustible construction. The isolated portion of the building must contain exits that do not pass through the occupied portion and ventilation systems must be physically separated and sealed at the isolation

Exterior work such as roofing, flashing, siding, or soffit work may be performed on occupied buildings provided proper variances are in place as required, and complete isolation of ventilation systems and at windows is provided. Care must be taken to schedule work so that classes are not disrupted by noise or visual distraction.

9. Surfaces that will be disturbed by reconstruction must have a determination made as to the presence of lead. Projects which disturb surfaces that contain lead shall have in the specifications a plan prepared by a certified Lead Risk Assessor or Supervisor which details provisions for occupant protection, worksite preparation, work methods, cleaning and clearance testing which are in general accordance with the HUD Guidelines.

NUMBER

NOMINAL

NOT TO SCALE

**ON CENTER** 

**OVERHEAD** 

PAINTED

QUANTITY

THICK THRESHOLD

TYPICAL

**VERTICAL** 

WOOD

REINFORCED

PLAM

**PREFAB** 

VCT

**NOT IN CONTRACT** 

PLASTIC LAMINATE

PREFABRICATED PRESSURE TREATED

STAINLESS STEEL

TOP AND BOTTOM

WATER CLOSET

**UNLESS NOTED OTHERWISE** 

VINYL COMPOSITION TILE

WELDED WIRE FABRIC

000X

**DOOR TAG** 

WALL TYPE

WINDOW TYPE

DRAWING TITLE

DETAIL NUMBER

1/8" = 1'-0" —— SCALE OF DRAWING

SPECIALITY EQUIPMENT

TYPICAL ARCHITECTURAL ABBREVIATIONS

AIR CONDITIONING

ALUMINUM

CONTINUOUS

**ELEVATION** 

**EACH WAY** 

FQUAL

**EXISTING** 

GALVANIZED

HANDICAPPED

HOLLOW METAI

HORIZONTAL

LAVATORY

MAXIMUM

CONTROL JOINT

**BETWEEN** 

CEILING

ELEV

ETR

**EXIST** 

FIN

FEC

HORIZ

ABOVE FINISH FLOOR

**CERAMIC MOSAIC TILE** 

EXISTING TO REMAIN

FIRE EXTINGUISHER

GENERAL CONTRACTOR

GYPSUM WALLBOARD

**ELECTRIC WATER COOLER** 

FIRE ALARM CONTROL PANEL

FIRE EXTINGUISHER CABINET

INTERNATIONAL SYMBOL OF ACCESSIBILITY

#### **DRAWINGS INDEX** Current Description Date Number Name TITLE SHEET - PHASE 2 A2-605 **EXISTING CONDITIONS AND DEMO** ISSUED FOR BID 01/19/2021 CONSTRUCTION DETAILS ISSUED FOR BID 01/19/2021 CONSTRUCTION DETAILS **─**{C2-005 MIDDLE SCHOOL ENTRANCE SITEPLAN SSUED FOR BID 01/19/2021 CONSTRUCTION IMPLEMENTATION PLAN - SITE PLAN & FIRST FLOOR PLAN CONSTRUCTION IMPLEMENTATION PLAN - SECOND PLAN & PARTIAL THIRD FLOOR PLAN CONSTRUCTION IMPLEMENTATION PLAN - STRUCTURAL PLAN & ARCHITECTURE ROOF PLAN CIP-005 CIP-006 CONSTRUCTION IMPLEMENTATION PLAN - BOILER PIPING & PARTIAL BASEMENT PLAN FIRST FLOOR CODE COMPLIANCE PLAN SSUED FOR BID 01/19/2021 SECOND FLOOR CODE COMPLIANCE PLAN THIRD FLOOR CODE COMPLIANCE PLAN SSUED FOR BID 01/19/2021 HIGH SCHOOL ENTRY and MS ILAB CODE COMPLIANCE PLAN THIRD FLOOR LEARNING COMMUNITY CODE COMPLIANCE PLAN HSMS-ASB-101 FIRST FLOOR ASBESTOS ABATEMENT HSMS-ASB-102 SECOND FLOOR ASBESTOS ABATEMEN ISSUED FOR BID 01/19/2021 HSMS-ASB-103 THIRD FLOOR ASBESTOS ABATEMENT 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FT NOT APPLICABLE 00 A-1.1 00 E2-304

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LIST OF DRAWINGS TO BE PRINTED IN COLOR

Description Date

ISSUED FOR BID 01/19/2021

ISSUED FOR BID 01/19/2021 ISSUED FOR BID 01/19/2021

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AVE2-212 - HEARINGLOOP SYSTEM LOOP WIRE LAYOUTS AND DIAGRAMS - THIRD FLOOR

### **BID PROJECTS**

A2-700 - FINISH SCHEDULE & LEGEND

PROJECT 1: ALL WORK NOT INCLUDED IN PROJECTS 2, 3 & 4 LISTED BELOW

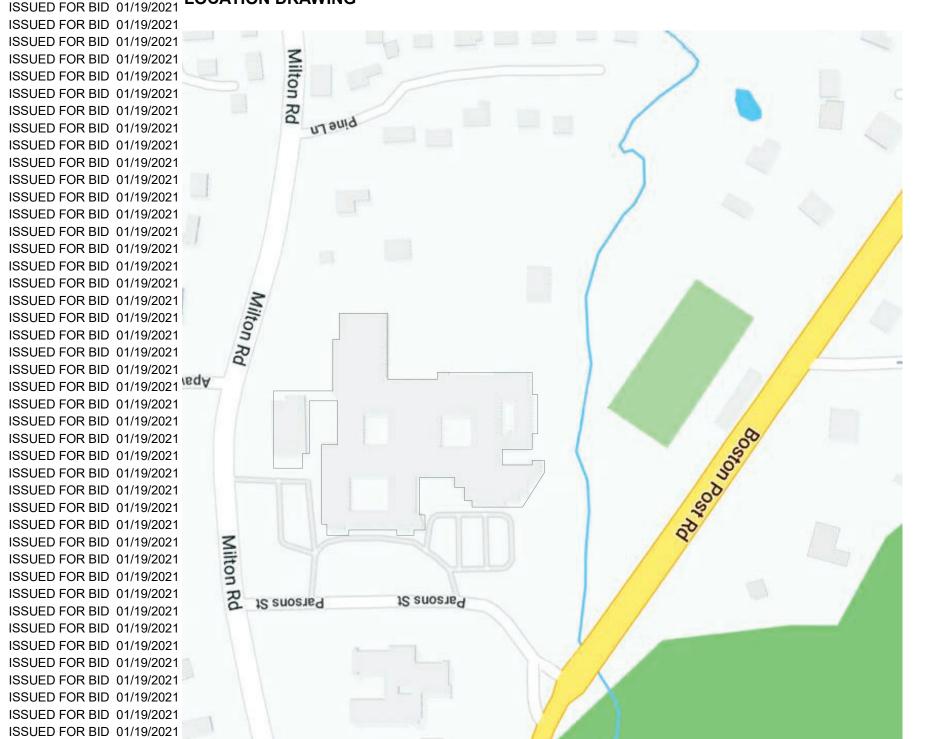
PROJECT 2: MIDDLE SCHOOL I-LAB & UPGRADE TO 2ND FLOOR MECHANICAL ROOM INCLUDING 1ST FLOOR GUIDANCE CEILING WORK

ROOF REPLACEMENT

PROJECT 3: NEW ELEVATOR & 3RD FLOOR LEARNING COMMONS PROJECT 4: MIDDLE SCHOOL MASONRY RESTORATION AND

> ALTERNATE 4A: MIDDLE SCHOOL MASONRY **RESTORATION - TOWER VENEER** REPLACEMENT & NEW WINDOWS

### ISSUED FOR BID 01/19/2021 LOCATION DRAWING



### Geddis **Architects**

Revision Schedule

Description

SED SUBMISSION ISSUED FOR BID

BID ADDENDUM #1

Date

09/15/2020

01/19/2021 01/29/202

Architecture. Planning. Interiors

71 Old Post Road P.O. Box 1020 Southport, CT 06890 (203) 256-8700



Transforming Education by Design

259 Water Street Suite 1L Warren, RI 02885 USA +1 401-289-2789



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> Construction Manager SAVIN ENGINEERS, P.O. 3 Campus Drive Pleasantville, NY 10570

914-769-3200 Structural Engineer ODEH ENGINEERS 1223 Mineral Spring Ave North Providence, RI 02904 401-724-1771

Civil Engineer WESTON & SAMPSON 1 Winners Circle, Suite 130 Albany, NY 12205 518-463-4400

Roof Consultant WATSKY ASSOCIATES INC 20 Madison Ave

Valhalla, NY 10595 914-948-3450 Acoustic Consultant DP DESIGN 12 Cold Spring Stree

> 401-861-3218 CAVANAUGH TOCCI 327 F Boston Post Road Sudbury, MA 01776-3027

> > 978-443-7871

Providence, RI

### SED #: 6618-0001-0005-032

### PROJECT

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

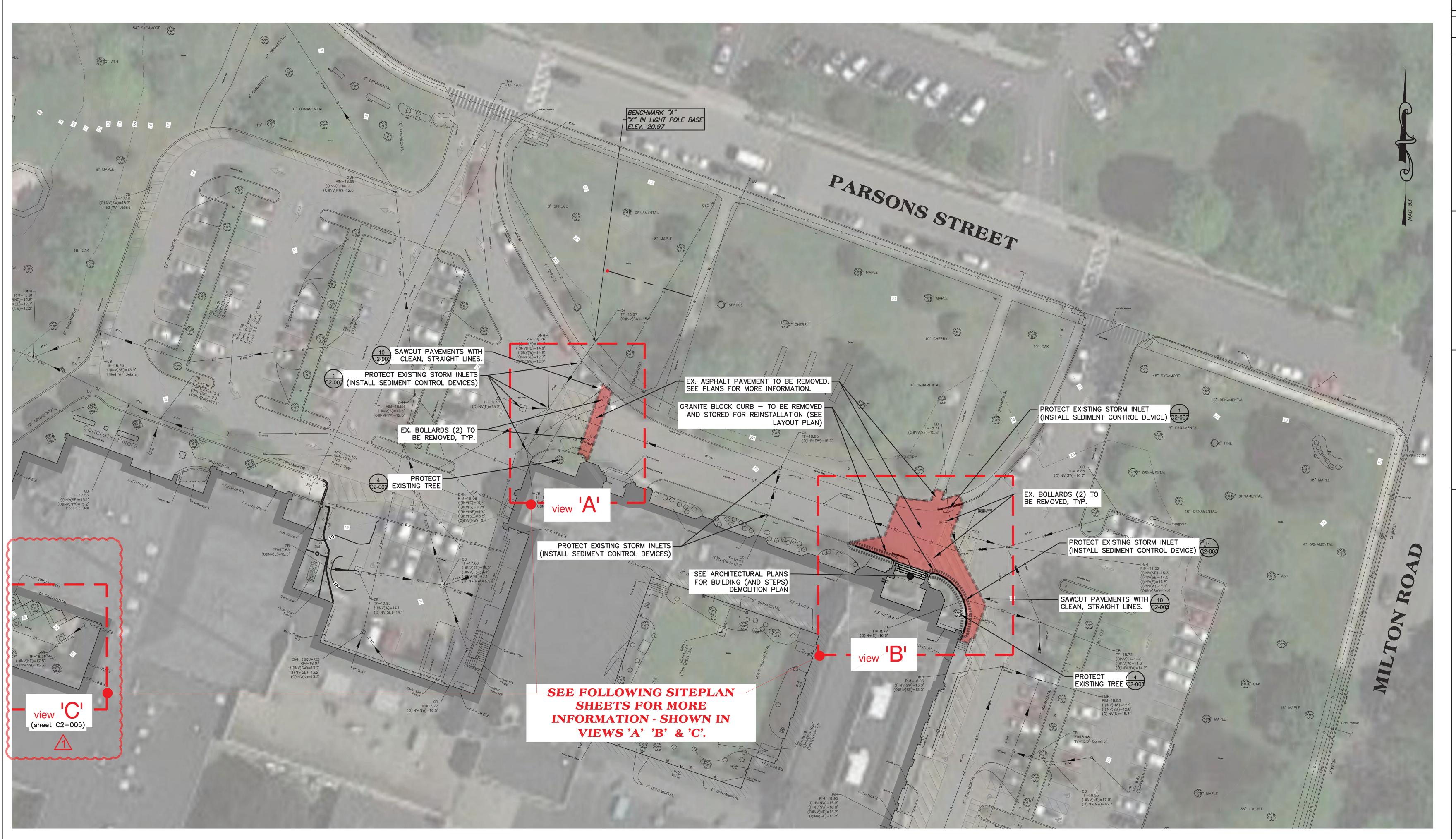
Rye High School & Middle

1 Parsons Street, Rye, New York 10580

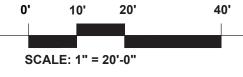
TITLE SHEET - PHASE 2

PROJECTS 1, 2, 3 & 4

SEAL & SIGNATURE | DATE: PROJECT No: 9200 DRAWING BY: Author CHK BY: Checker DWG No: T2-001



1 EXISTING CONDITIONS AND DEMOLITION PLAN
SCALE: BAR SCALE



### NOTES:

- THE CONTRACTOR SHALL CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION AND COORDINATE WITH OTHERS AS REQUIRED, INCLUDING DAILY OPERATIONS OF SCHOOL CAMPUS.
- 2. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE FOR INFORMATION ONLY, AND ALL UTILITIES MAY NOT BE SHOWN. THE CONTRACTOR SHALL CONTACT U.F.P.O. (1-800-962-7962) AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANY HAVING JURISDICTION TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO THE POSSIBLE EXISTENCE OF UNRECORDED UTILITIES. ANY COSTS INCURRED BY THE CONTRACTOR DUE TO FAILURE TO CONTACT THE PROPER AUTHORITIES SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.
- 3. THE CONTRACTOR SHALL VERIFY ALL EXISTING INFORMATION ON SITE. ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS SHALL BE IMMEDIATELY COMMUNICATED TO THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING GRADES IN THE FIELD PRIOR TO THE COMMENCEMENT OF ANY WORK. FIELD VERIFICATIONS SHALL BE PERFORMED THROUGHOUT ALL AREAS OF NEW CONSTRUCTION. THIS FIELD VERIFICATION IS IMPERATIVE TO ENSURE THAT THERE ARE NO DISCREPANCIES BETWEEN THE SITE SURVEY AND WHAT HAS BEEN VERIFIED. IF DISCREPANCIES DO EXIST, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT/OWNER'S REPRESENTATIVE, IMMEDIATELY, AND PRIOR TO ANY CONSTRUCTION, SO NECESSARY ADJUSTMENTS AND/OR MODIFICATIONS CAN BE MADE TO ACCOMMODATE THESE DISCREPANCIES. ANY FAILURE TO VERIFY THE GRADES PRIOR TO CONSTRUCTION SHALL BE AT THE RISK AND COST OF THE CONTRACTOR.
- 4. THE CONTRACTOR SHALL PROVIDE STAKED LAYOUT OF PROPOSED IMPROVEMENTS FOR THE ARCHITECT/OWNER'S REPRESENTATIVE REVIEW AND APPROVAL BEFORE COMMENCING WITH ANY GROUND DISTURBANCE.
- 5. THE CONTRACTOR SHALL VERIFY PROPOSED GRADES PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL PERMITS FOR THE WORK FROM ANY UTILITY COMPANIES OR OTHER GOVERNING BODIES HAVING JURISDICTION OVER THE WORK OUTLINED IN THESE DRAWINGS.
- 7. THE CONTRACTOR SHALL ESTABLISH PERMANENT SECONDARY BENCHMARKS, IF NEEDED, PRIOR TO THE START OF CONSTRUCTION. ALL SECONDARY BENCHMARKS SHALL BE SO LOCATED THAT THEY WILL NOT BE DISTURBED BY CONSTRUCTION.
- 8. THE CONTRACTOR SHALL MAINTAIN ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT TRACKING OR MOVEMENT OF SEDIMENT OR DEBRIS ONTO PUBLIC ROADS.

- 9. THE CONTRACTOR SHALL PROVIDE DUST AND EROSION/SEDIMENT CONTROL AS PER SPECIFICATIONS AND/OR AS APPROVED BY THE ARCHITECT/OWNER'S REPRESENTATIVE.
- 10. THE CONTRACTOR SHALL INSTALL SILT FENCE(S) PRIOR TO ANY SOIL DISTURBANCE. THE CONTRACTOR SHALL INSTALL AND REGULARLY MAINTAIN, AS REQUIRED, ANY AND ALL SILTATION CONTROL MEASURES AND MONITOR THE CONTROL DEVICES AT LEAST ONCE A WEEK TO ENSURE THEIR EFFECTIVENESS.
- 11. ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH AND LENGTH AS APPLICABLE. REMOVE TREE ROOTS TO 24" DEPTH BELOW FINISHED GRADE (MINIMUM). ITEMS NOT SPECIFICALLY IDENTIFIED THAT INTERFERE WITH NEW CONSTRUCTION MUST ALSO BE REMOVED. ALL REFUSE, DEBRIS AND MISCELLANEOUS ITEMS TO BE REMOVED SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
- 12. ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL AREAS DISTURBED AND/OR DAMAGED FROM CONSTRUCTION ACTIVITIES INCLUDING, BUT NOT LIMITED TO, LAWNS, WALKS, PAVEMENTS, ETC.. IT IS EXPECTED THAT THE CONTRACTOR SHALL MAKE PHOTO LOGS OF ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION FOR HIS/HER RECORDS.
- 14. FIND/PROTECT EXISTING UNDERGROUND UTILITIES THAT CROSS THROUGH PROJECT AREA. NOTIFY OWNER AND ENGINEER IMMEDIATELY UPON FINDING ANY DISCREPANCIES WITH SURVEY.
- 15. SAWCUT/DEMOLISH EXISTING PAVEMENTS AS SHOWN. DISPOSE OF MATERIALS OFF-SITE IN ACCORDANCE WITH ALL REGULATIONS.
- 16. DEMOLISH AND REMOVE (OR ABANDON IN-PLACE IF ACCEPTABLE TO ENGINEER) EXISTING UTILITIES (ABOVE AND BELOW GRADE) IN ACCORDANCE WITH ALL REGULATIONS.
- 17. DEMOLISH ALL EXISTING SITE IMPROVEMENTS AS REQUIRED TO ALLOW PROJECT CONSTRUCTION. DISPOSE OF MATERIALS OFF-SITE IN ACCORDANCE WITH ALL REGULATIONS.
- 18. PROVIDE ALL REQUIRED EROSION CONTROL MEASURES / PROTECT ALL STORM INLETS FROM SEDIMENT DEPOSITION DURING CONSTRUCTION, AS SHOWN ON GRADING & EROSION & SEDIMENT CONTROL PLAN.
- 19. CONTRACTOR SHALL COORDINATE WITH OWNER AND CONSTRUCTION MANAGER ON LIMITS OF WORK AND CONTRACTOR ACCESS AND USE AREAS, SUCH AS MATERIAL STORAGE, TEMPORARY PARKING, ETC.
  CONTRACTOR SHALL PROVIDE PROTECTION FOR ALL SITE USERS FROM CONSTRUCTION OPERATIONS / HAZARDS. PROVIDE SAFE AND EMERGENCY ACCESS TO THE PROJECT SITE AT ALL TIMES.

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

### Geddis Architects

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CAVANAUGH TOCCI
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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

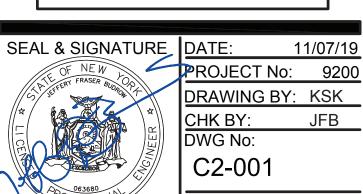
Rye High School & Middle School

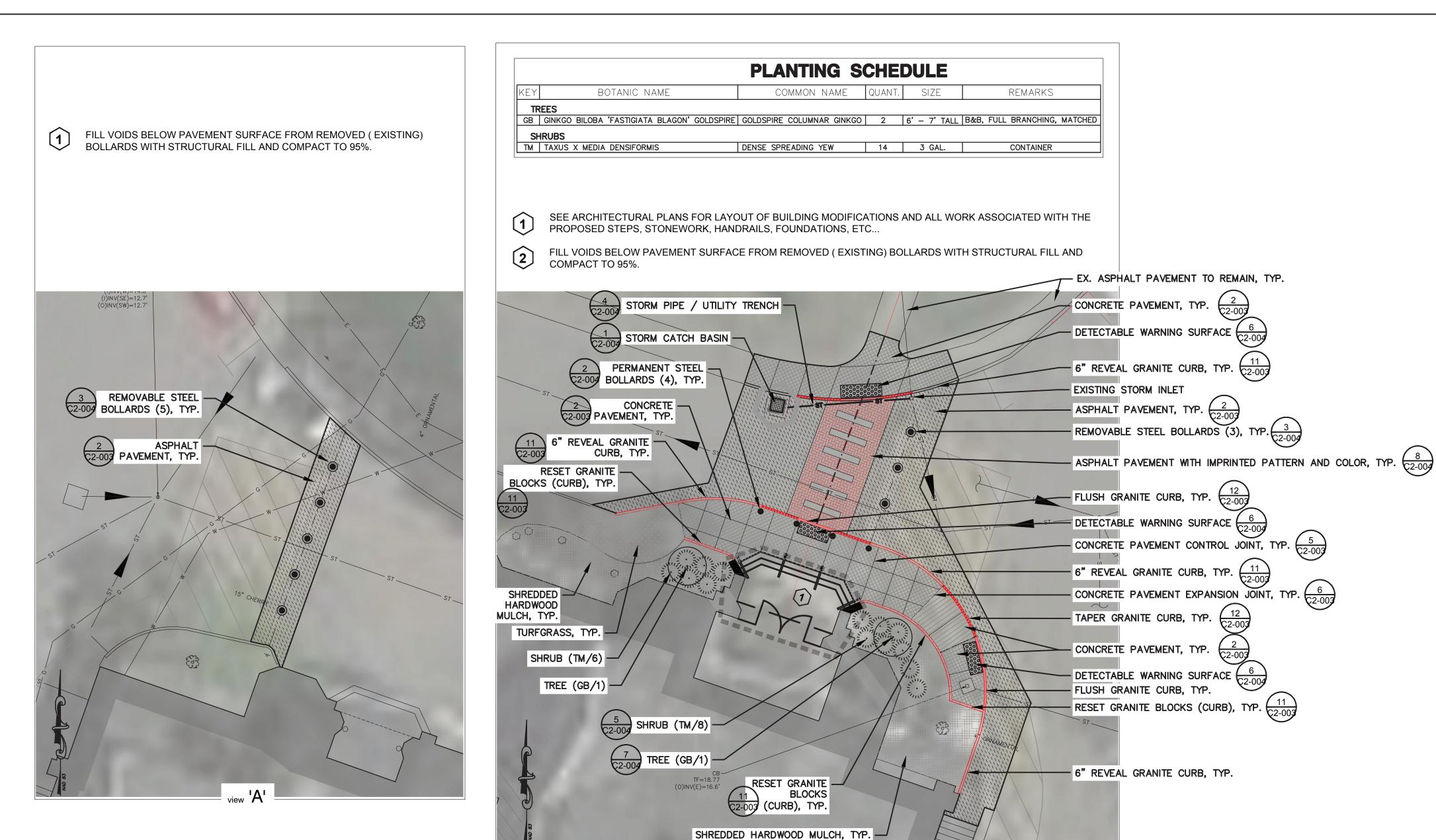
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL ENTRANCE

EXISTING CONDITIONS & DEMOLITION SITEPLAN

PROJECT 1





view 'B'

BUILDING FACADE - TO THE PROPOSED CURB FACE.

PATCH ASPHALT -

—, REMOVABLE

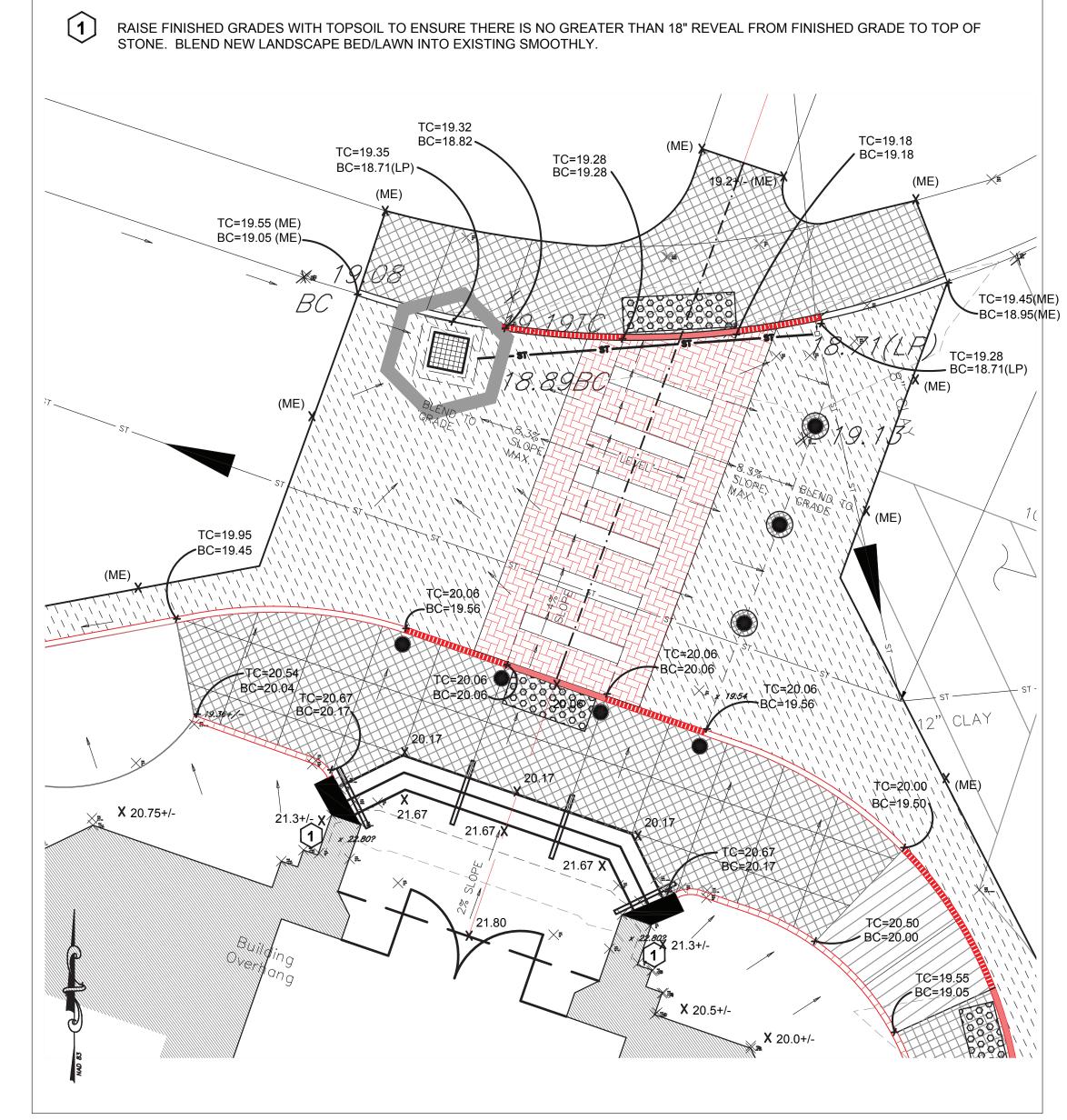
**(1)** 

BOLLARD, TYP

NEAT, STRAIGHT, FLUSH JOINTS

LAYOUT LINE 1 - CENTERLINE OF PROPOSED DOORS EXTENDED OUTWARD AT 90 DEGREES FROM THE FRONT

PERPENDICULAR TO PROPOSED CURBFACE. PROPOSED REMOVABLE BOLLARDS ARE PARALLEL TO THIS



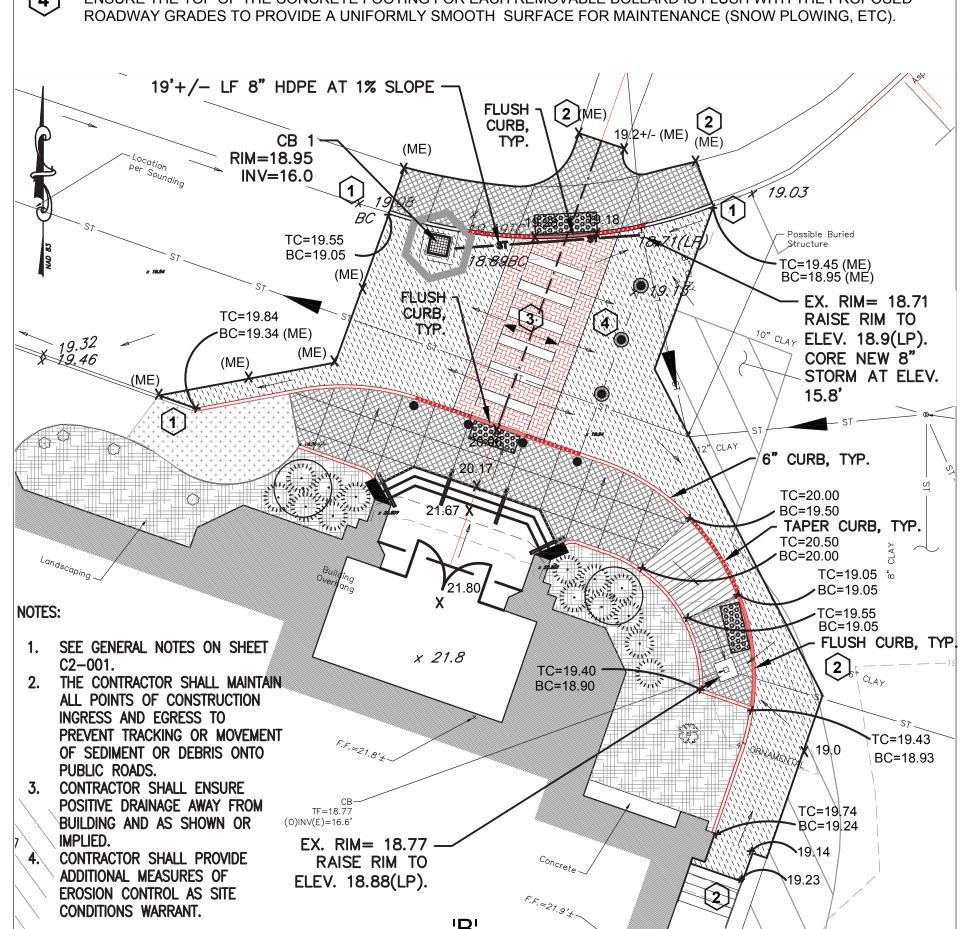
SITE PLAN - GRADING ENLARGEMENT AT HIGH SCHOOL ENTRANCE OF SCALE: BAR SCALE SCALE: 1" = 5'-0"

LAYOUT LINE 2 - CENTERLINE OF EXISTING ASPHALT PATH FROM PARSONS STREET TOWARD BUILDING ENTRANCE. LAYOUT LINE 3 - CENTERLINE OF CROSSWALK (CONNECTS CENTERLINE 1 AND 2 LISTED ABOVE) AND IS NOT SEE ARCHITECTURAL PLANS FOR LAYOUT OF BUILDING MODIFICATIONS AND ALL WORK ASSOCIATED WITH THE PROPOSED STEPS, STONEWORK, HANDRAILS, ETC... 10" PVC — PATCH ASPHALT – NEAT, STRAIGHT, FLUSH JOINTS — ALIGN CURB WITH

TRANSITION FROM PROPOSED GRANITE CURB TO EXISTING CONDITION IN LINE AND GRADE, IN A SMOOTH SMOOTH TRANSITION TO MEET EXISTING GRADE (ME). NO ABRUPT CHANGES - GRADUAL, SMOOTH TRANSITIONS, AS REQUIRED (MEETING ADA REQUIREMENTS WHEN ALONG AN 'ACCESSIBLE ROUTE'. THE CROSSWALK AREA IS PROPOSED TO BE RAISED ABOVE EXISTING GRADE (UP TO 6"+/-) AND MATCH THE

WALKWAY ON EITHER END, FLUSH WITH PROPOSED GRADES - PROVIDING AN ADA COMPLIANT ACCESIBLE ROUTE FOR PEDESTRIANS. ALONG ITS CENTERLINE, IT SLOPES AWAY FROM THE SCHOOL BUILDING AT A UNIFORM SLOPE AND IS 'LEVEL' IN CROSS-SLOPE FOR A MINIMUM OF 6' WIDTH (CENTERED ON CENTERLINE). AT THE EDGE OF THIS LEVEL PATH, THE GRADES TRANSITION DOWN TO THE PROPOSED ROAD SURFACE AT 1:12, MAX., UNTIL THEY MATCH THE EXISTING GRADES OF THE UNDISTURBED ROADWAY. (APPROXIMATE LIMITS SHOWN)

ENSURE THE TOP OF THE CONCRETE FOOTING FOR EACH REMOVABLE BOLLARD IS FLUSH WITH THE PROPOSED



SITE PLAN - GRADING & EROSION CONTROL & UTILITY PLAN SCALE: BAR SCALE

**Revision Schedule** Date Description 2021/01/19 ISSUED FOR BID MS COURTYARD STEPS / 2021/01/28 BID ADDENDUM #1

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SED #: 6618-0001-0005-032

PROJECT

SCALE: 1" = 10'-0"

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: PROJECT No: 9200 DRAWING BY: KSK CHK BY: DWG No: C2-002



SITE PLAN - MATERIALS AND PLANTING
SCALE: BAR SCALE

VEHICULAR ACCESS. SPACE ACCORDINGLY.

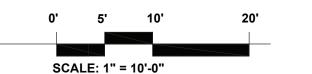
PATCH ASPHALT - NEAT, -

STRAIGHT, FLUSH JOINTS

LAYOUT LINE 1 - CENTERLINE OF EXISTING DOORS/STEPS EXTENDED

OUTWARD AT 90 DEGREES FROM THE FRONT BUILDING FACADE.

BOLLARD PLACEMENT NEAR EXISTING CURBS SHOULD PRECLUDE



BUILDING FACE

SCALE: 1" = 10'-0"

ENSURE THE TOP OF THE CONCRETE FOOTING FOR EACH REMOVABLE

BOLLARD IS FLUSH WITH THE PROPOSED ROADWAY GRADES TO PROVIDE A UNIFORMLY SMOOTH SURFACE FOR MAINTENANCE (SNOW PLOWING, ETC).

ENSURE BOLLARD GRADE IS NOT IN A LOW POINT, PROVIDE SLOPE AWAY

ENSURE SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED

PAVEMENT GRADES - "MATCH EXISTING" (ME). NO ABRUPT CHANGES -

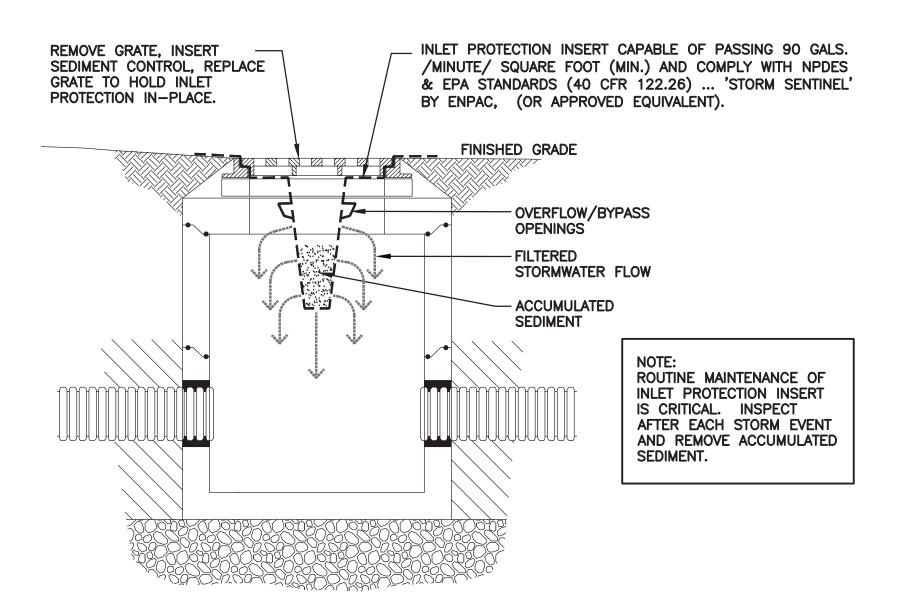
TOWARD STORM INLETS OR DRAINAGE PATTERNS.

GRADUAL, SMOOTH TRANSITIONS, AS REQUIRED.

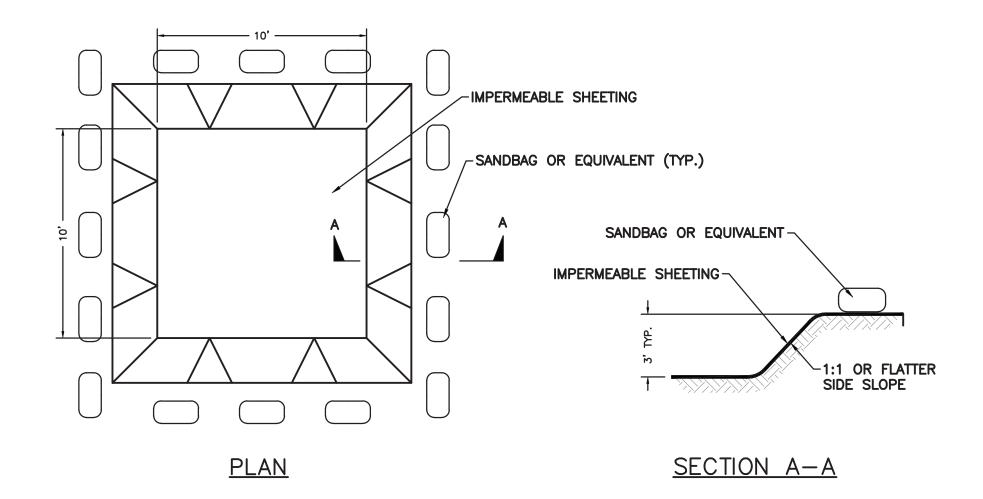
DMH RIM=18.76 (I)INV(S)=15.0' (I)INV(NE)=14.9'

(I)INV(W)=14.8' (I)INV(SE)=12.7' (O)INV(SW)=12.7'

CB TF=18.78 (I)INV(SE)=16.9' (Roof Drain) (O)INV(N)=15.3'



STORM INLET PROTECTION DETAIL SCALE: N.T.S



## SCALE: N.T.S

**CONCRETE WASH OUT DETAIL** 

### **GENERAL MAINTENANCE PLAN:**

- 1. 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.
- 2. 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 IT'S 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.
- 3. 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.
- 4. 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.
- 6. 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.
- 7. 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.

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

**PAVING SCHEDULE** KEY **TYPE** SECTION: N.T.S. STIFF BROOM FINISH ~ W2.9XW2.9 6X6 W.W.M. MIN. 2" COVER CONCRETE CONCRETE NYSDOT 304 TYPE 2 SUBBASE GEOTEXTILE MIRAFI 500X OR EQUIVALENT COMPACTED SUBGRADE NYSDOT ITEM 402.127303 TOPCOURSE TACK COAT LIGHT DUTY ∽NYSDOT ITEM 402.257903 DENSE BINDER **ASPHALTIC** NYSDOT ITEM 304.12 SUBBASE CONCRETE (SIDEWALK) -GEOTEXTILE MIRAFI 500X OR EQUIVALENT COMPACTED SUBGRADE MIN. CBR=10 NYSDOT ITEM 402.127303 TOPCOURSE TACK COAT HEAVY DUTY NYSDOT ITEM 402.257903 DENSE BINDER **ASPHALTIC** CONCRETE NYSDOT ITEM 304.12 SUBBASE (ROADWAY) -GEOTEXTILE MIRAFI 500X OR EQUIVALENT COMPACTED SUBGRADE MIN. CBR=10

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. 6. 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 TEMPERS. 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.

-CONCRETE PAVEMENT

CAULK JOINT

- 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 ASTMD 698.
- 10. 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. 11. NYSDOT SPECIFICATION 610.10000015 LANDSCAPE DEVELOPMENT SHALL BE USED FOR CONSTRUCTION WITHIN STATE HIGHWAY BOUNDARY AND WITHIN 20' OF DRIVEWAY OPENINGS.

**PAVING SCHEDULE** 

### **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:

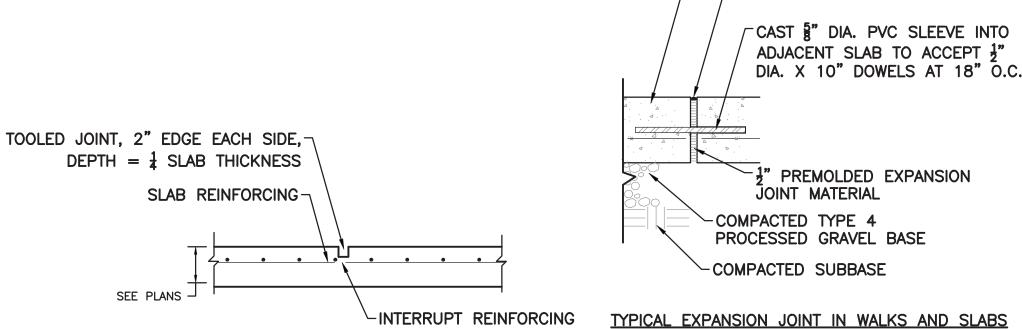
- 1. INSTALLATION OF SAFETY ORANGE PLASTIC FENCING (MINIMUM4' IN HEIGHT) AROUND INDIVIDUAL TREES DESIGNATED FOR PROTECTION. FENCING SHALL BE INSTALLED AT THE OUTWARD LIMIT OF THE TREE'S DRIPLINE OR EXTENT OF CANOPY COVER.
- 2. INSTALLATION OF SAFETY ORANGE PLASTIC FENCING (MINIMUM 4' IN HEIGHT) AROUND GROUPS OF TREES DESIGNATED FOR PROTECTION.
- 3. 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, UNDAMAGED 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.

PROTECTION OF TREES PLAN



-MEDIUM BROOM FINISH:

BROOM PERPENDICULAR

TO LINE OF TRAVEL

-TOOLED CONTROL JOINTS

-2" WINDOW PANE

EDGE FINISH

1. IN PLANTED AREAS, BACKFILL NEW

LEVEL OF EXISTING GRADE.

2. IN LAWN AREAS, BACKFILL NEW

GRANITE CURB WITH TOPSOIL TO

GRANITE CURBS WITH TOPSOIL TO

WITHIN 1" OF TOP OF CURB AND

AS DIRECTED TO FORM SMOOTH

CONTOUR WITH EXISTING LAWN.

3. ALIGN NEW GRANITE CURBING WITH

EXISTING CURBING AS DIRECTED.

4. INSTALL GRANITE CURB FLUSH WITH

ADJACENT GRADE AS INDICATED ON

SOD. EXTEND PLACEMENT OF TOPSOIL

PREMOLDED EXPANSION JOINT MATERIAL -COMPACTED TYPE 4 PROCESSED GRAVEL BASE -COMPACTED SUBBASE TYPICAL EXPANSION JOINT IN WALKS AND SLABS AT JOINT (ONLY WHERE IDENTIFIED ON PLANS)

CONCRETE PAVEMENT -CAULK JOINT PREMOLDED EXPANSION JOINT MATERIAL -COMPACTED TYPE 4 PROCESSED GRAVEL BASE -COMPACTED SUBBASE

TYPICAL EXPANSION JOINT IN WALKS AND SLABS

**CONCRETE CONTROL JOINTS** 

**CONCRETE EXPANSION JOINTS** 

### SANDBAG (ON PAVED SURFACES) -S2"X2"X36" WOODEN STAKE — PLACE 10' O.C. (ON UNPAVED SURFACES) -FILTREXX SOXX OR APPROVED EQUIVALENT (12" TYP.) WIDTH AS SHOWN ON PLANS -AREA TO BE PROTECTED --1. SEE PLANS FOR LOCATION AND TYPE OF SCORE JOINTS.

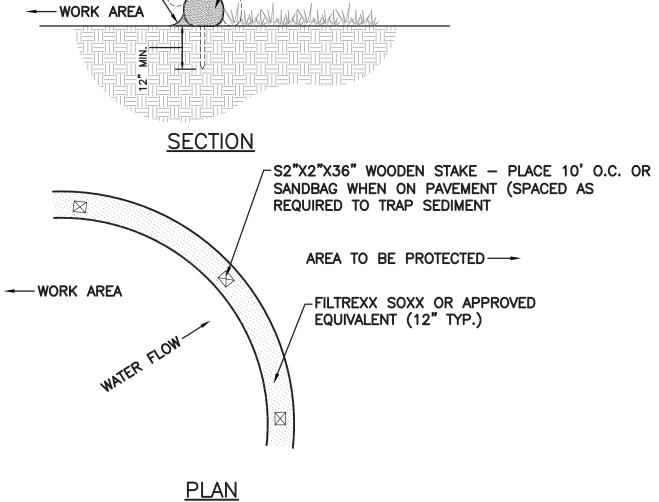
**PAVEMENT** 

CONCRETE

PSI MIN.

SUBBASE

BACKING 3500



BLOWN/PLACED-

FILTER MEDIA

NOTES:

SILT SOCK DETAIL

SCALE: N.T.S.

1. ALL MATERIALS TO MEET SPECIFICATIONS. 2. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS. 3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY LANDSCAPE ARCHITECT.

PLANS. DIMENSIONS OF CONCRETE PSI MIN. BASE & COMPACTED SUBGRADE TO DRY MIX CONCRETE COMPACTED REMAIN UNCHANGED. CONTINUOUS BED SUBGRADE TO 95% STANDARD PROCTOR GRANITE CURB DETAIL (AND RESET GRANITE BLOCK IN LANDSCAPE) SCALE: N.T.S.

2. BROOM PERPENDICULAR TO LINE OF TRAVEL.

4. DOUBLE COAT OF PENTRA-SIL 244" SEALER TO BE

ON PLAN)

4" GRANITE CURB

(RESET GRANITE BLOCK USING

FINISHED GRADE

CONCRETE

BACKING 3500

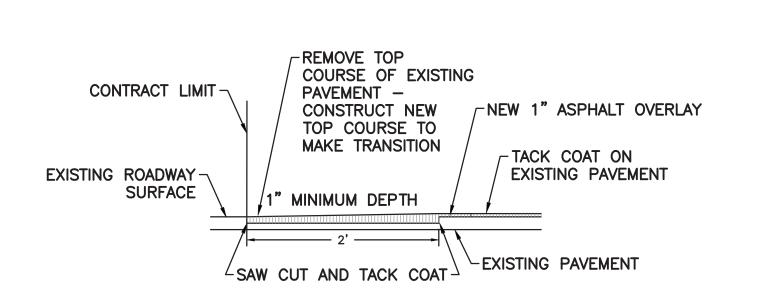
- HEIGHT VARIES

THIS DETAIL, WHERE SHOWN

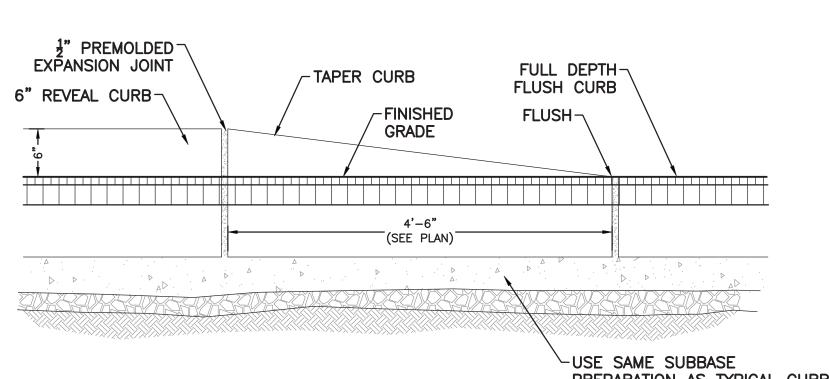
APPLIED TO ALL NEW CONCRETE SURFACES.

3. 2" WINDOW PANE EDGE FINISH.

**CONCRETE FINISH DETAIL** 







Geddis

Revision Schedule

Description

MS COURTYARD STEPS / 2021/01/28

ISSUED FOR BID

BID ADDENDUM #1

Date

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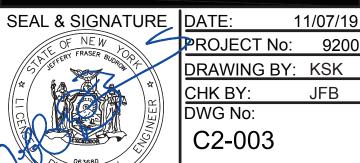
Rye High School & Middle School

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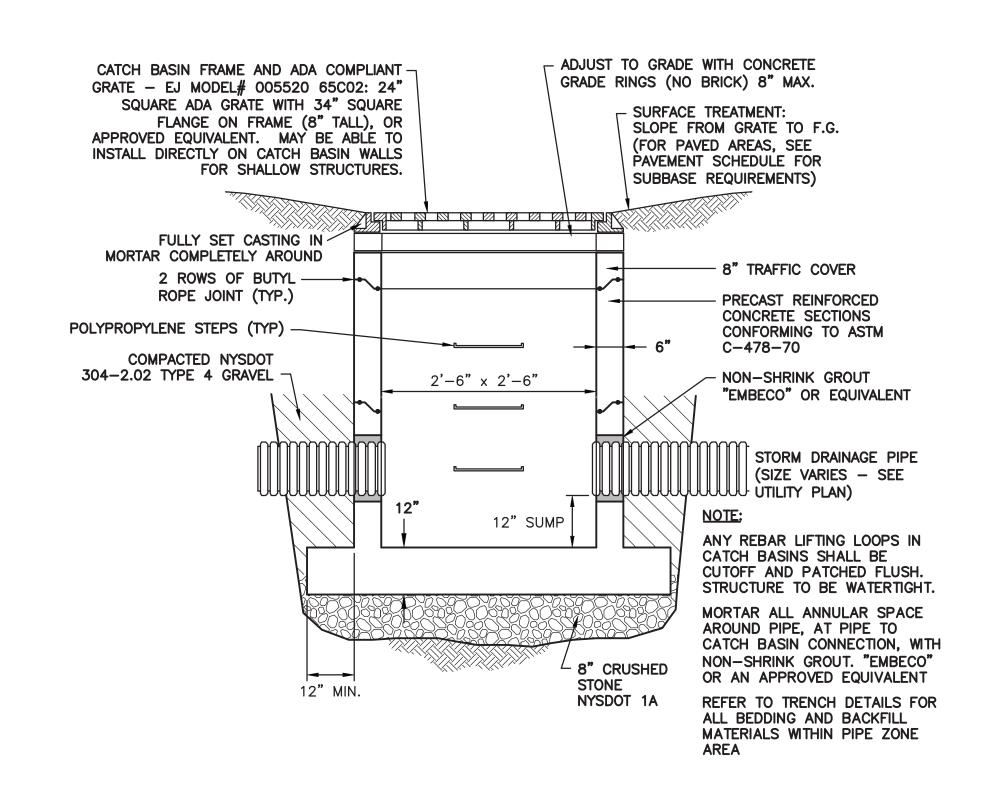
HIGH SCHOOL ENTRANCE

SITE CONSTRUCTION

DETAILS PROJECT



PREPARATION AS TYPICAL CURB 5. CONCRETE BACKING TO EXTEND TO BOTTOM OF PAVEMENT BASE COURSE. **TAPERED CURB DETAIL** SCALE: N.T.S.



DECORATIVE ALUMINUM

DECORATIVE ALUMINUM

BOTTOM CASTING

MAGLIN<sup>®</sup>

TOP CASTING

- ENSURE TOP OF FOOTING IS NEATLY FINISHED AND

ASPHALT PAVEMENT - SEE PAVEMENT SCHEDULE

THREADED ANCHOR CAST INTO CONCRETE FOOTING

MAGLIN MODEL NO. MTB 100-B3 OR APPROVED

REINFORCED CONCRETE - 4000 PSI MINIMUM

HOOP REINFORCEMENT #2 BARS @ 8" E.W., 2" CLEAR

SHALL BE FLUSH WITH PROPOSED GRADES

LEVEL - TO RECEIVE BOLLARD WITHOUT GAPS. TOP

5" HS STEEL TUBE

SURROUNDING IT.

(CENTERED)

EQUIVALENT.

HEIGHT - 35"

COLOR - GLOSS BLACK

**REMOVABLE STEEL BOLLARD -**

(0.25" WALL

THICKNESS)

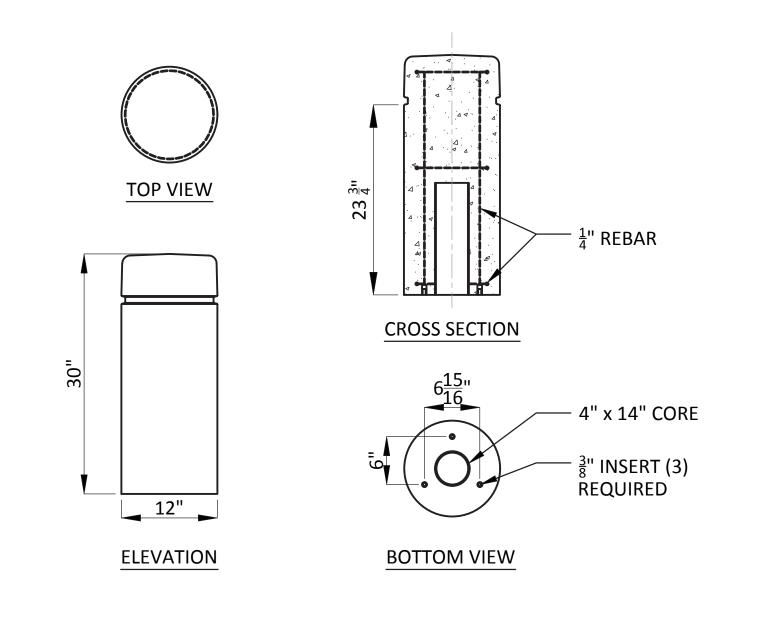
**CATCH BASIN - SQUARE** 

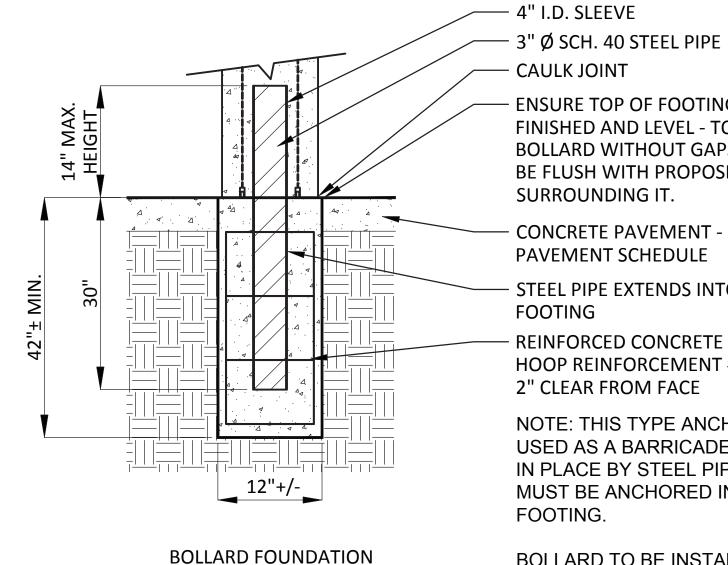
18"+/-

**BOLLARD - REMOVABLE** 

3 BOLLARD SCALE: N.T.S.

SCALE: N.T.S.





— CAULK JOINT - ENSURE TOP OF FOOTING IS NEATLY FINISHED AND LEVEL - TO RECEIVE BOLLARD WITHOUT GAPS. TOP SHALL BE FLUSH WITH PROPOSED GRADES SURROUNDING IT. CONCRETE PAVEMENT - SEE PAVEMENT SCHEDULE

STEEL PIPE EXTENDS INTO CONCRETE REINFORCED CONCRETE - 4000 PSI MINIMUM HOOP REINFORCEMENT #2 BARS @ 8" E.W.,

NOTE: THIS TYPE ANCHORING IS ALSO USED AS A BARRICADE. BOLLARD HELD IN PLACE BY STEEL PIPE. STEEL PIPE MUST BE ANCHORED IN CONCRETE FOOTING.

MHN// VIS

MIN. 2X ROOT BALL DIA.

BOLLARD TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

### PERMANENT CONCRETE BOLLARD WITH

- REVEAL LINE -1. WAUSAU TILE MODEL NO. TF6010, OR APPROVED EQUIVALENT
- 2. COLOR: A20 WHITE OR A 21 BUFF
- 3. FINISH: ACID WASH
- 4. CONTRACTOR TO SUBMIT COLOR AND FINISH SAMPLES TO OWNER AND ARCHITECT FOR FINAL APPROVAL.
- 5. HEIGHT 30"

PRUNE ALL DEAD OR BROKEN
BRANCHES ACCORDING TO ACCEPTED

SET CROWN OR ROOT BALL 6"

MAXIMUM ABOVE SURROUNDING

LOOSEN SUBSOIL AT BASE WITH PITCH FORK

TO DEPTH OF 8".

- BACKFILL SOIL TO BE PLANTING MIX. MIXTURE

TO BE DONE OUTSIDE

PLANTING PIT.

HORTICULTURAL PRACTICE.

✓ 3" MINIMUM STONE

FINISHED GRADE.

FOLD BACK BURLAP

FROM TOP OF BALL.

### Geddis Architects

Revision Schedule

Description

MS COURTYARD STEPS / 2021/01/28

ISSUED FOR BID

BID ADDENDUM #1

Date

2021/01/19

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> > 914-769-3200

Structural Engineer ODEH ENGINEERS 1223 Mineral Spring Ave North Providence, RI 02904 401-724-1771

<u>Civil Engineer</u> WESTON & SAMPSON 1 Winners Circle, Suite 130 Albany, NY 12205

MEP Engineer
BARILE GALLAGHER & ASSOCIATES **CONSULTING ENGINEERS** 39 Marble Avenue, 2nd Floor Pleasantville, NY 10570 914-328-6060

518-463-4400

Acoustic Consultant DP DESIGN 12 Cold Spring Street Providence, RI 401-861-3218

**AV Consultant** CAVANAUGH TOCCI 327 F Boston Post Road Sudbury, MA 01776-3027

978-443-7871

SED #: 6618-0001-0005-032

PROJECT

FINISHED POST PRINT DEPTH ≈ 3.".

TRAFFICPATTERNS XD, MANUFACTURED

BY ENNIS FLINT, INC.; OR APPROVED

THERMOPLASTIC PANEL: ≥ 150 MILS

ASPHALT PAVEMENT; MIN. 2" FOR 2
C2-003

SUBGRADE; IN-SITU FIRM TO HARD SOIL, REMOVE SOFT AREAS AND REPLACE WITH

WELL-GRADED AND COMPACTED GRAVEL

PATTERN TO BE DETERMINED BY

COLOR: TO BE DETERMINED BY

OWNER AND ARCHITECT

OWNER AND ARCHITECT.

THICKNESS

SUBBASE  $\frac{2}{C2-003}$ 

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

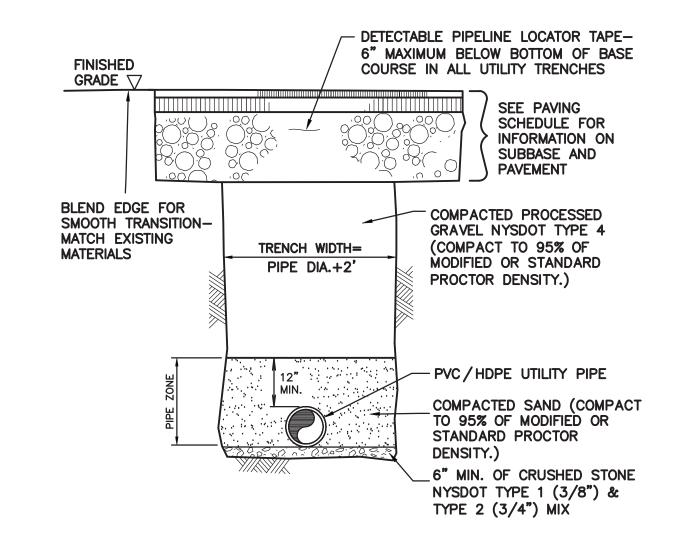
SITE CONSTRUCTION **DETAILS** 

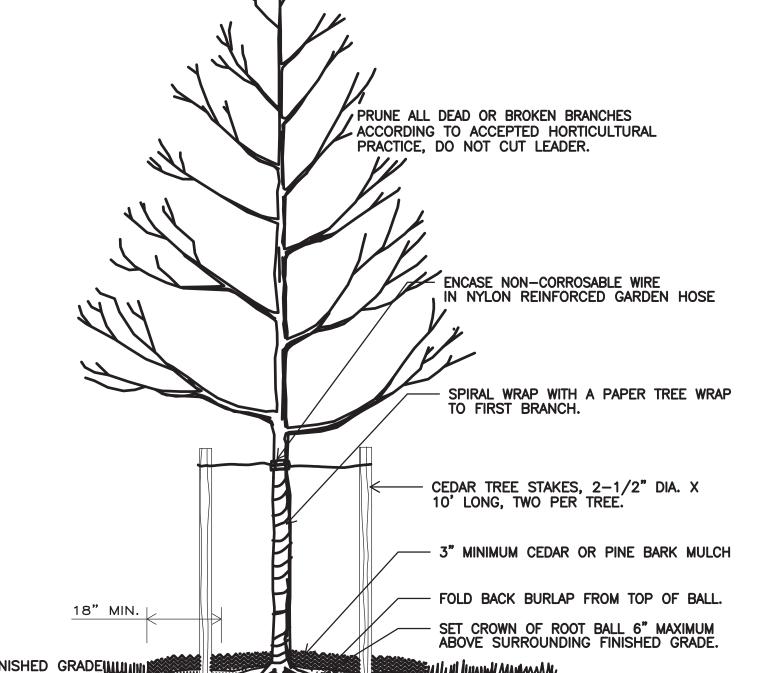
PROJECT '

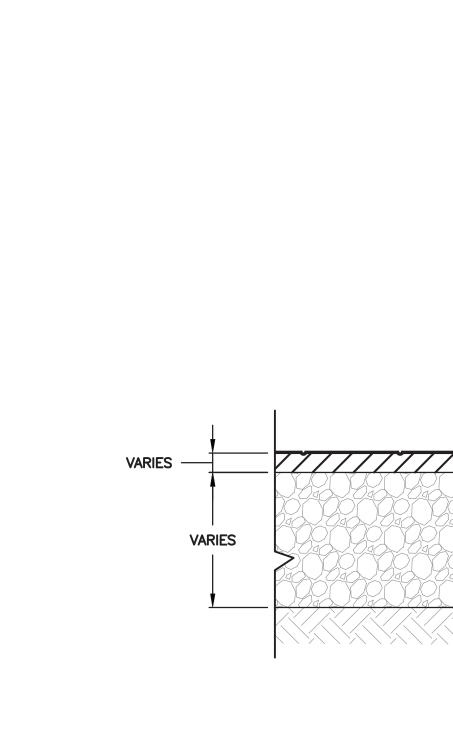
SEAL & SIGNATURE DATE: PROJECT No: 9200 DRAWING BY: KSK CHK BY: DWG No: C2-004

**BOLLARD - PERMANENT** SCALE: N.T.S.

UTILITY TRENCH DETAIL SCALE: N.T.S.







- BACKFILL SOIL TO BE PLANTING MIX.
MIXTURE TO BE DONE OUTSIDE PLANTING PIT.

LOOSEN SUBSOIL AT BASE

WITH PITCH FORK

TO DEPTH OF 8".

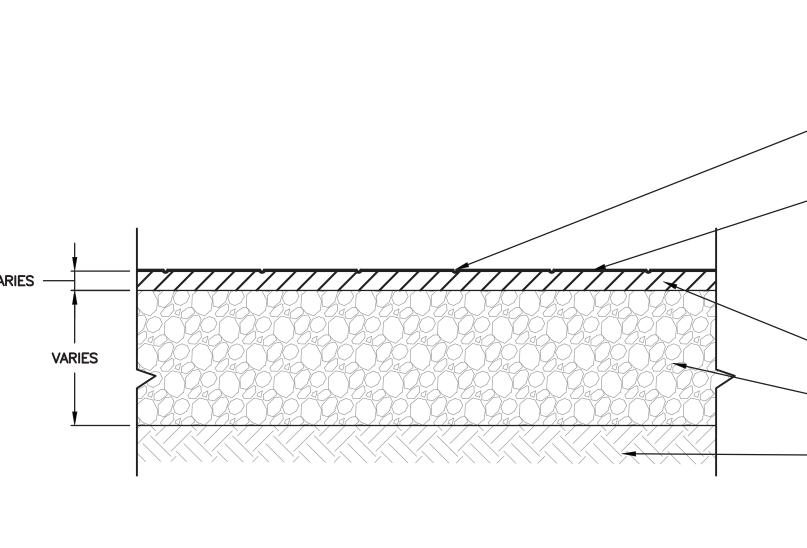
FINISHED GRADE

EXISTING —

SHRUB PLANTING DETAIL

SUBGRADE

SCALE: N.T.S.



TREE PLANTING DETAIL SCALE: N.T.S.

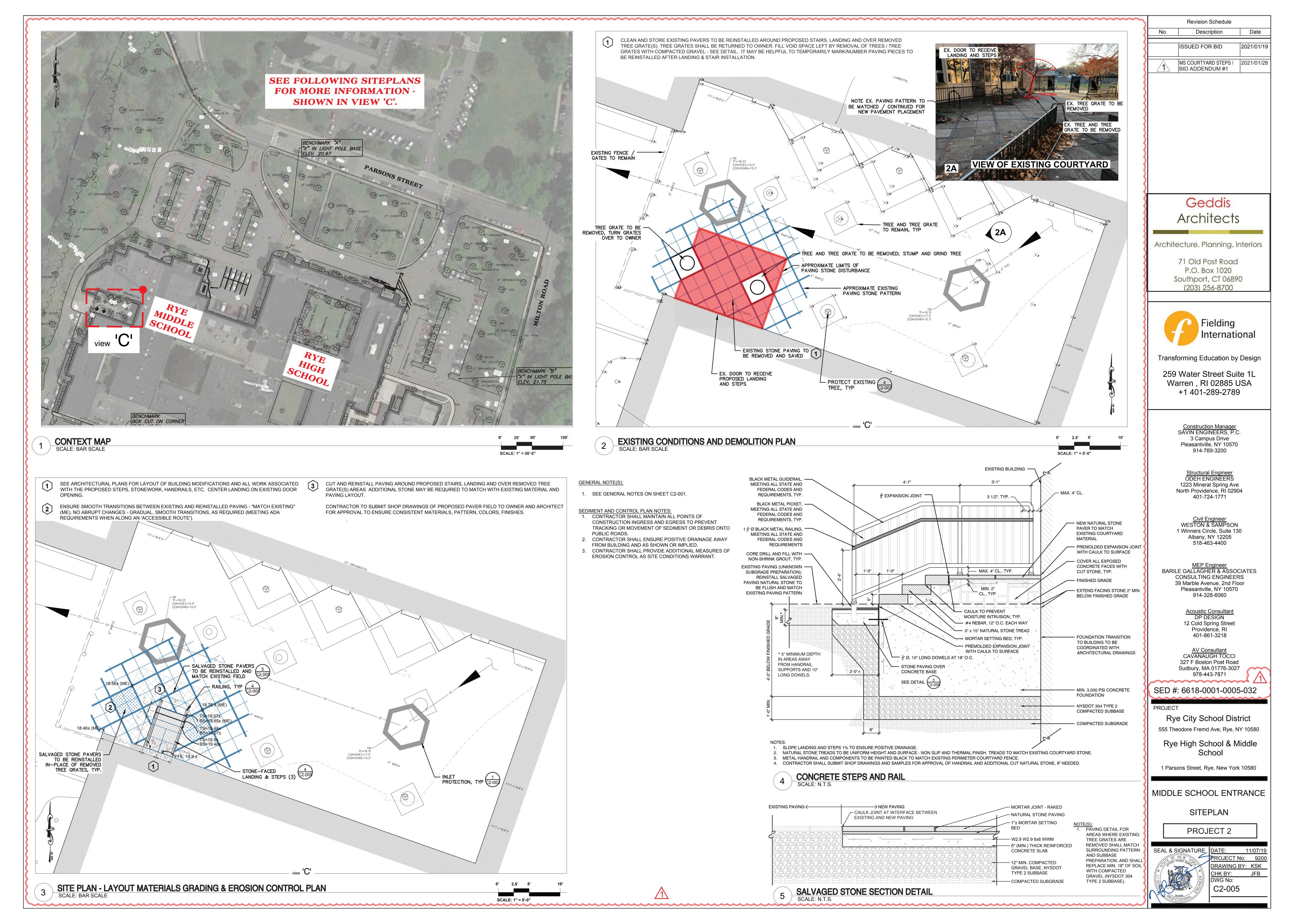
MIN. 6' OR 2X ROOT BALL DIA.

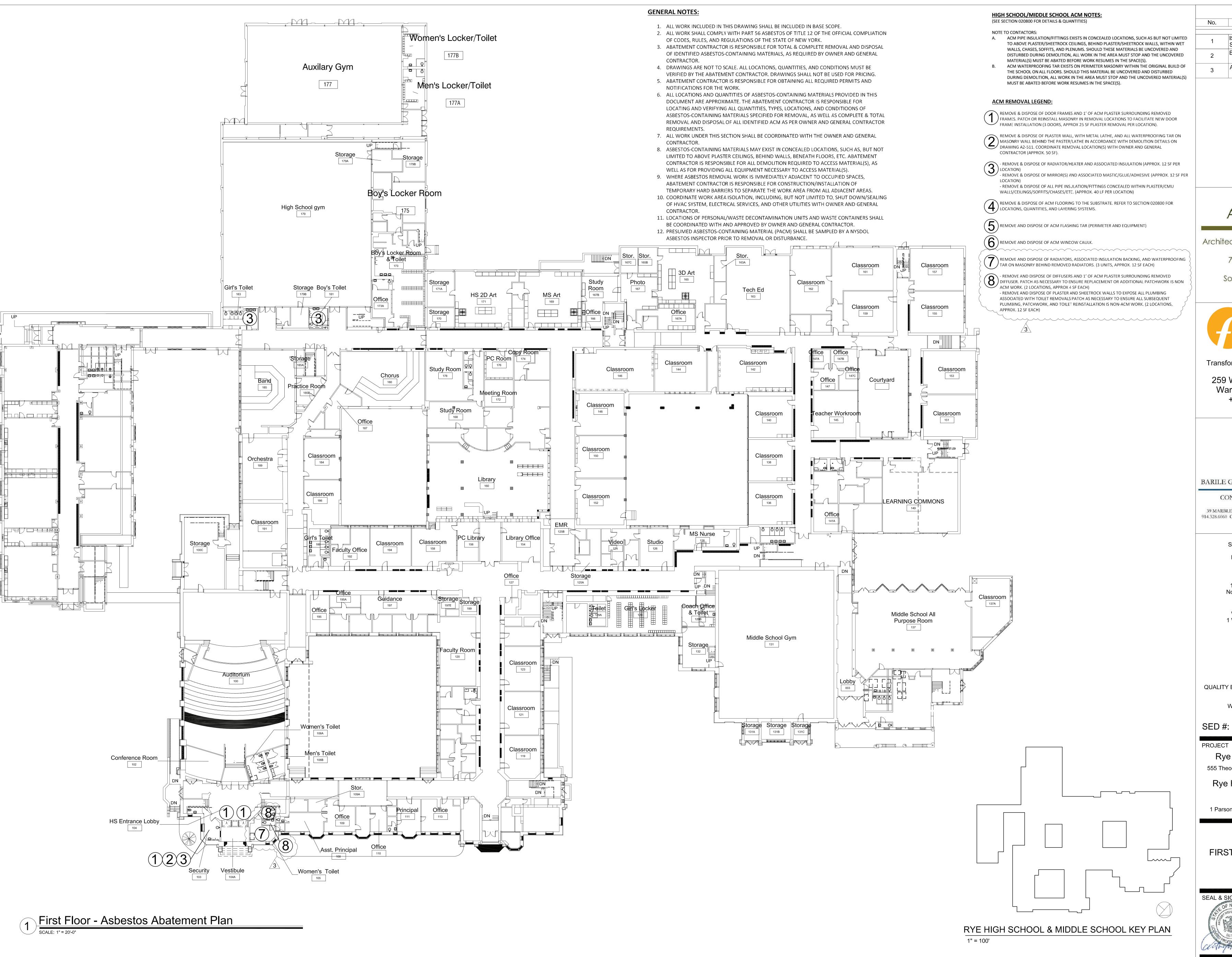
EXISTING -SUBGRADE

TRUNCATED DOME DIMENSIONS MIN. (IN) MAX. (IN) 2.40" 1.50" 50%-65% OF D DIM. 0.90" 1.40" NOTE: DETECTABLE WARNING SURFACE SHALL CONFORM **→**D**→** TO CURRENT ADAAG STANDARDS. SECTION E-E

**DETECTABLE WARNING SURFACE DETAIL** 6 SCALE: N.T.S.

STAMPED ASPHALT DETAIL





Description ISSUED FOR SED 09/15/2020 SUBMISSION 01/19/2021 BID ISSUE ADDENDUM 1 01/29/2021

Revision Schedule

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914-769-3200 Structural Engineer
ODEH ENGINEERS 1223 Mineral Spring Ave North Providence, RI 02904 401-724-1771

Civil Engineer WESTON & SAMPSON 1 Winners Circle, Suite 130 Albany, NY 12205 518-463-4400

Acoustic Consultant DP DESIGN 12 Cold Spring Street Providence, RI 401-861-3218

**Environmental Consultant** QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC. 1376 Route 9 Wappingers Falls, NY 12590

845-298-6251

### SED #: 66180001-0005-032

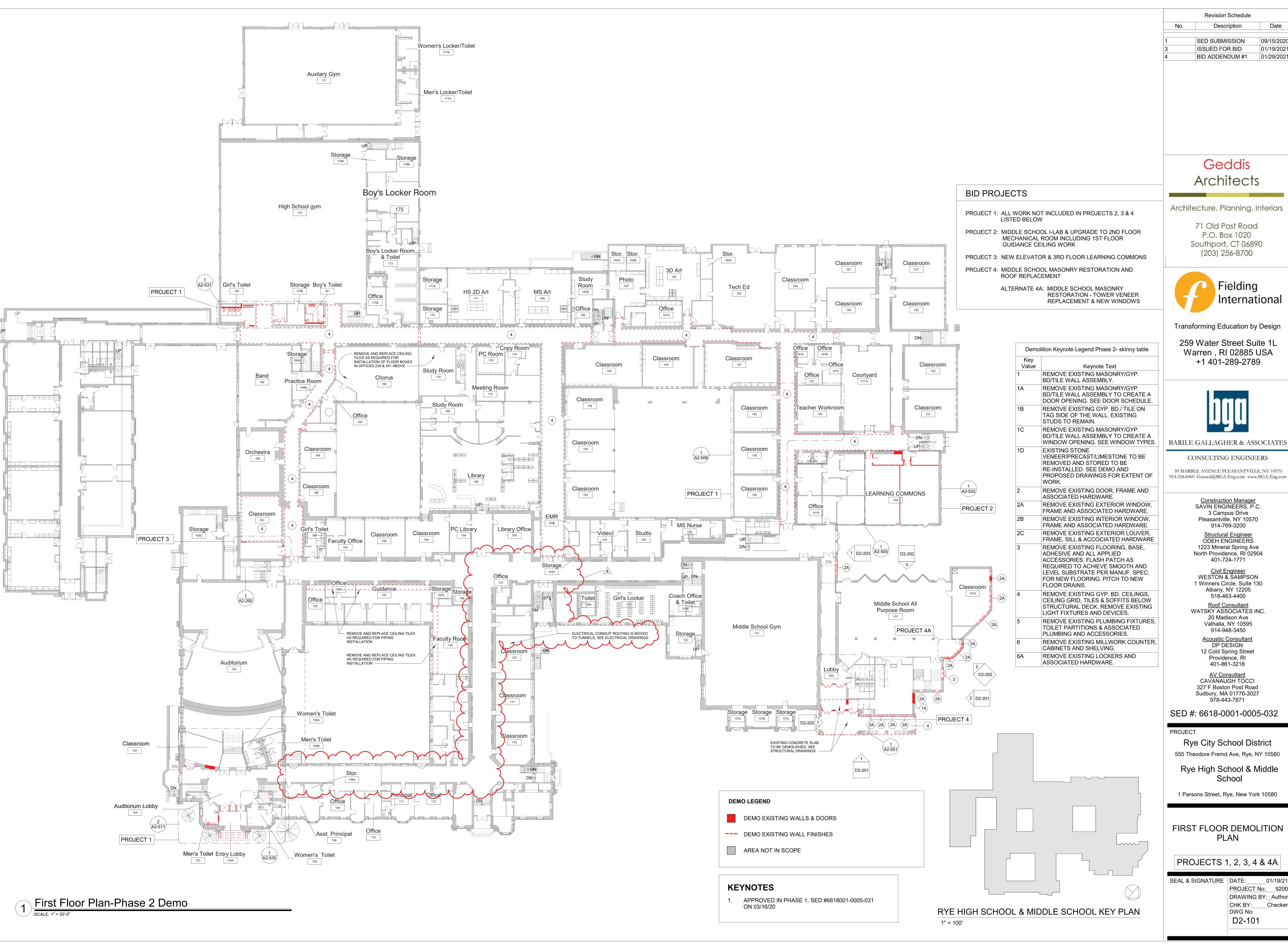
Rye City School District 555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle School

1 Parsons Street, Rye, New York 10580

FIRST FLOOR ASBESTOS **ABATMENT** 





### Geddis Architects

Description

Date

09/15/2020

01/19/2021

01/29/2021

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Providence, RI 401-861-3218 AV Consultant **CAVANAUGH TOCCI** 327 F Boston Post Road

SED #: 6618-0001-0005-032

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

Rye High School & Middle School

1 Parsons Street, Rye, New York 10580

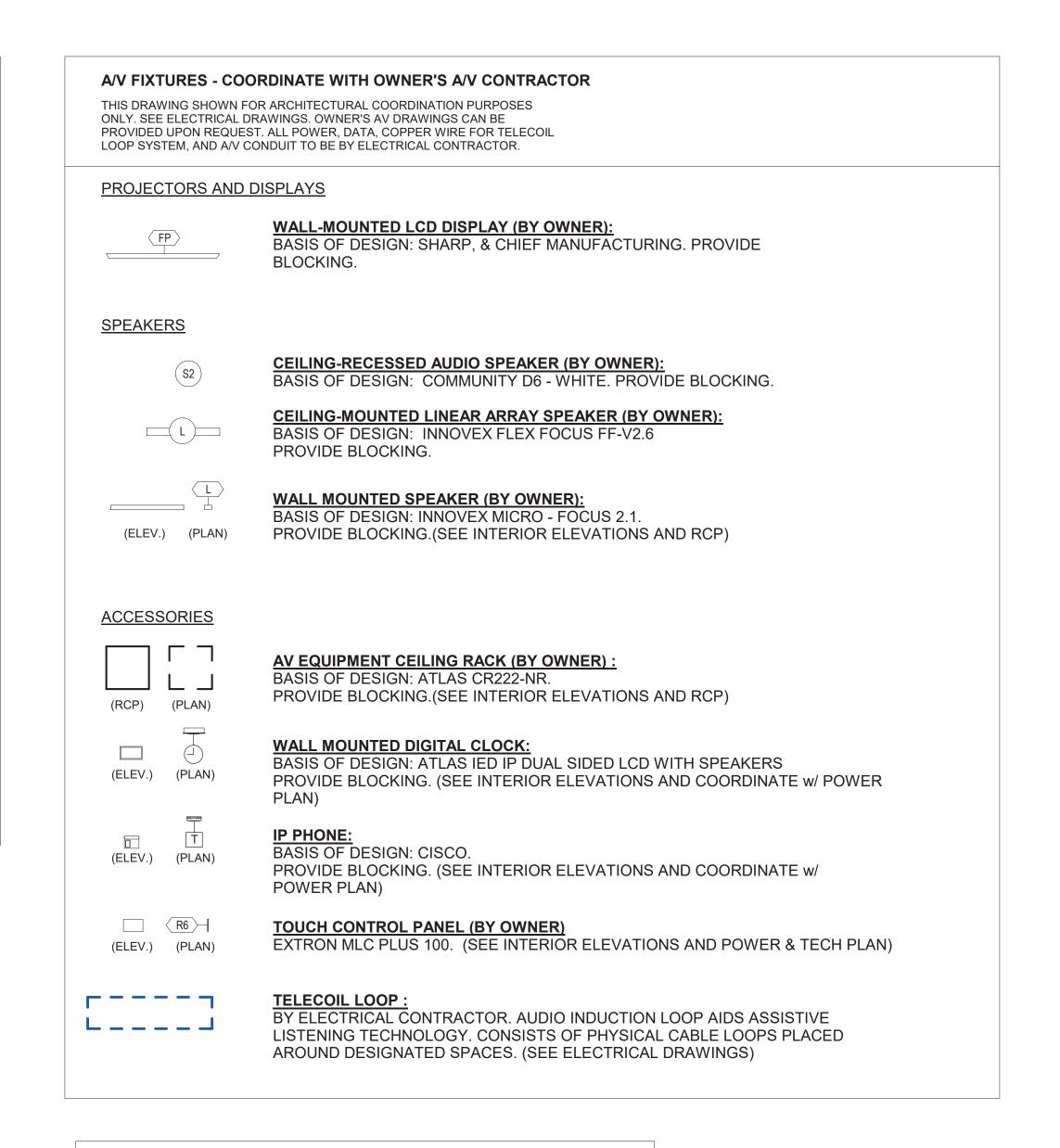
FIRST FLOOR DEMOLITION PLAN

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

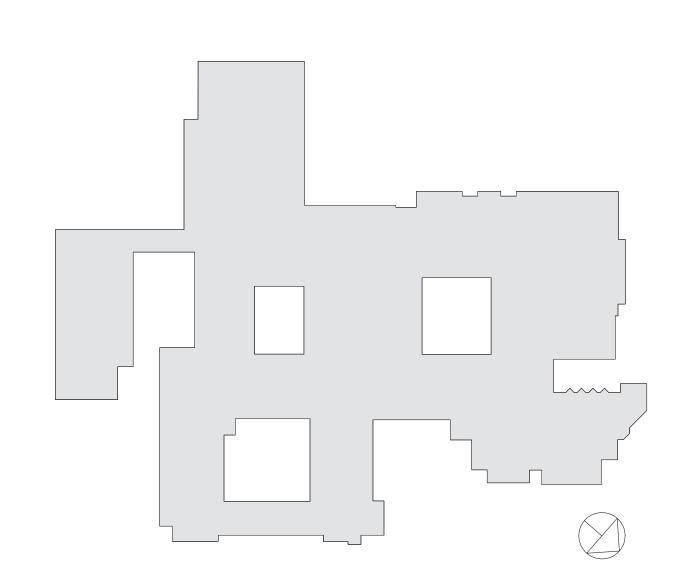
HITFCTUF	RAL LIGHTING	$\mathbf{\hat{G}}$	
III LOTOI	V (E EIGITTII)	RECESSED 2'X2' LIGHT:	
	R1	BASIS OF DESIGN: LITHONIA LIGHTING EPANL LED FLAT PAN EPANL 2X2 4000LM 80CRI 35K MIN1 ZT MVOLT WITH DGA22 D	
		RECESSED 2'X2' LIGHT:	
	R2	BASIS OF DESIGN: MARK ARCHITECTURAL LIGHTING WHSPF WHSPR 2X2 4800LM 35K 90CRI MIN1 MVOLT	R LED TOFFER
		RECESSED 6" SQUARE LIGHT: BASIS OF DESIGN: PATHWAY LIGHTING CALIBER PLUS 6" LEI	D SQUARE SERIES
<u>(                                    </u>	R4	6SQLBV-10-35K-EX-W50-DA-6SQLBVSCL	
	R4B	RECESSED 6" SQUARE LIGHT: BASIS OF DESIGN: PATHWAY LIGHTING CALIBER PLUS 6" LEI 6SQLBV-20-35K-EX-W50-DA-6SQLBVSCL	D SQUARE SERIES
	R5	RECESSED 6" SQUARE IMPACT RESISTANT LIGHT:  BASIS OF DESIGN: PATHWAY LIGHTING CALIBER PLUS 6" LEI 6SQLBV-10-35K-E-X-L-DA-6SQLBVL8SCLPF WITH IMPACT RES	
0	R8	RECESSED DIRECTIONAL LIGHT:  BASIS OF DESIGN: LUMENWERX - VOILA 4" ROUND DOWNLIG VO4RR-OF-ADJ-UNV-14W-D1-VO4-SW-60-2-80-35-LS-VO4RR-S	
	R9	CEILING GRID RECESSED LINEAR LIGHT: BASIS OF DESIGN: T-BAR FLEX 15/16" BLOCK CLEAR DIFFUSI TBFL MW 22 24 D A W	NG LENS
	R10	RECESSED STAIR LIGHTING: BASIS OF DESIGN: KELVIX - SIGNWAVE 1 (INDOOR/OUTDOOF SW1-see plan-35K-as needed; SEE DETAILS FOR HS ENTRY ST	
	P1	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	ALTERNATE: MARK ARCHITECTURAL LIGHTING SLOT 1 S4LID LCB 6FT MSL8 80CRI 35K 800LMF I80CRI I35K I800LM BW MIN1 SCT LVRRA SLV F1 36A RDCY SLVCY WCRD
	P2	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	ALTERNATE: MARK ARCHITECTURAL LIGHTING SLOT 1 S4LID LCB 4FT MSL8 80CRI 35K 800LMF I80CRI I35K I800LM BW MIN1 SCT LVRRA SLV F1 36A RDCY SLVCY WCRD
	P3	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	ALTERNATE: MARK ARCHITECTURAL LIGHTING SLOT 1 S1LI LLP 12FT MSL12 I90CRI I35K I1200LMF BW MIN1 MVOLT WHT WEC ZT F1/36A RDCY WHTCY WCRD
	P4	CONTINUOUS INDIRECT/DIRECT LINEAR PENDANT WITH ACE BASIS OF DESIGN: MARK ARCHITECTURAL LIGHTING SLOT 1 S1LIDP-OPP-see plan-90CRI-35K-200LMF-I90CRI-I35K-I400LMF- WHTCY-WCRD	LED - DIRECT/INDIRECT PENDANT PATTERNS
	P5-W	ACCENT PENDANT WHITE: BROWNLEE LIGHTING - INNIE LED. 2680-20-tbd-45W-tbd-SSM-NT-35K	
	P5-B	ACCENT PENDANT BLUE: BROWNLEE LIGHTING - INNIE LED. 2680-20-tbd-45W-tbd-SSM-NT-35K	
	P5-G	ACCENT PENDANT GREEN: BROWNLEE LIGHTING - INNIE LED. 2680-20-tbd-45W-tbd-SSM-NT-35K	
©	P6	GLASS CYLINDER PENDANT: ACUITY BRANDS - HEALTHCARE LIGHTING - POPS SINGLE PEHPP1-9ST-MVOLT-CYL-LRG-35K-ZT-MIN5-INT-BA	ENDANT 4
. )	WM1	WALL MOUNTED INDIRECT LED COVE LIGHT: (LENGTHS PER BASIS OF DESIGN: MARK ARCHITECTURAL LIGHTING SLOT 1 S1WI-LLP-8FT-MSL8-I90CRI-I35K-I400LMF-MIN1-MVOLT-BLKT-Z	LED - INDIRÉCT WALL
	WM2	LED SURFACE LIGHTING: BASIS OF DESIGN: LLI ARCHITECTURAL LIGHTING ANGLED E LLI-ANG-S-F-4.4W35K-24V-see plans and details for dimensions	
	WM3	EXTERIOR OVER DOOR EMERGENCY LIGHT:  BASIS OF DESIGN: LUMINAIRE LED - BLADE BLD - VANDAL RE BLD-48IN-MIN1800LM-35KDP-BRZ	ESISTENT MULLION-MOUNT LED
	WM4	WALL MOUNTED UP-DOWN SCONCE: BASIS OF DESIGN: BROWNLEE LIGHTING - BOW 1572 - BL - B12 - MG - 35K	
_	、ノーレノ	WALL MOUNTED DIRECT INDIRECT COVE LIGHT:	

CEILING FINISHES LEGEND	
CEILING MATERIAL	
CLG-1	2X2 ACOUSTIC CEILING TILE ARMSTRONG OPTIMA 2x2 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM - WHITE
CLG-2	PAINTED GYP BOARD
CLG-3	2X2 METAL CEILING TILE ARMSTRONG METALWORKS TEGULAR 2x2 CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM WHITE WITH MICRO PERFORATIONS AND BLACK ACOUSTIC BACKER
CLG-4	USG SHEETROCK BRAND EXTERIOR GYPSUM CEILING BOARD
	K-13 ACOUSTICAL SPRAY 2" THICK ON ALL STRUCTURE & UNDERSIDE OF FLOOR/ROOF DECK
	EXTRUDED ALUMINUM TRIM ARMSTRONG 8" AXIOM TRIM
ACOUSTIC CEILING FIXTURES	
C-1	RECTANGULAR ACOUSTIC CLOUD: BASIS OF DESIGN: ARMSTRONG SOUNDSCAPE SHAPES SMALL RECTANGLE 48" x 72" x 2" COLOR: PURE WHITE
C-2	SQUARE ACOUSTIC CLOUD: BASIS OF DESIGN: ARMSTRONG SOUNDSCAPE SHAPES SQUARE 48" x 48" x 2" COLOR: PURE WHITE

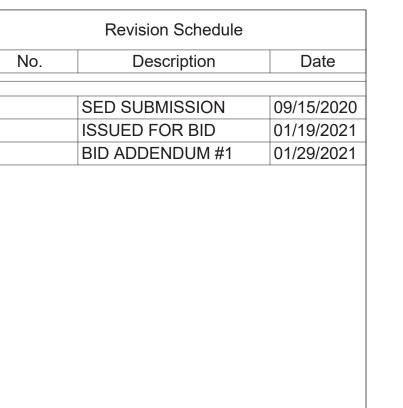


#### **GENERAL NOTE:**

CEILING CONTRACTOR TO OWN CEILING CUT OUTS FOR A/V CEILING RECESSED SPEAKERS. COORDINATE WITH OWNER'S AV 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'



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North Providence, RI 02904 401-724-1771 <u>Civil Engineer</u> WESTON & SAMPSON 1 Winners Circle, Suite 130 Albany, NY 12205

518-463-4400 Roof Consultant WATSKY ASSOCIATES INC.

20 Madison Ave Valhalla, NY 10595 914-948-3450 Acoustic Consultant

DP DESIGN 12 Cold Spring Street Providence, RI 401-861-3218

AV Consultant CAVANAUGH TOCCI 327 F Boston Post Road 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

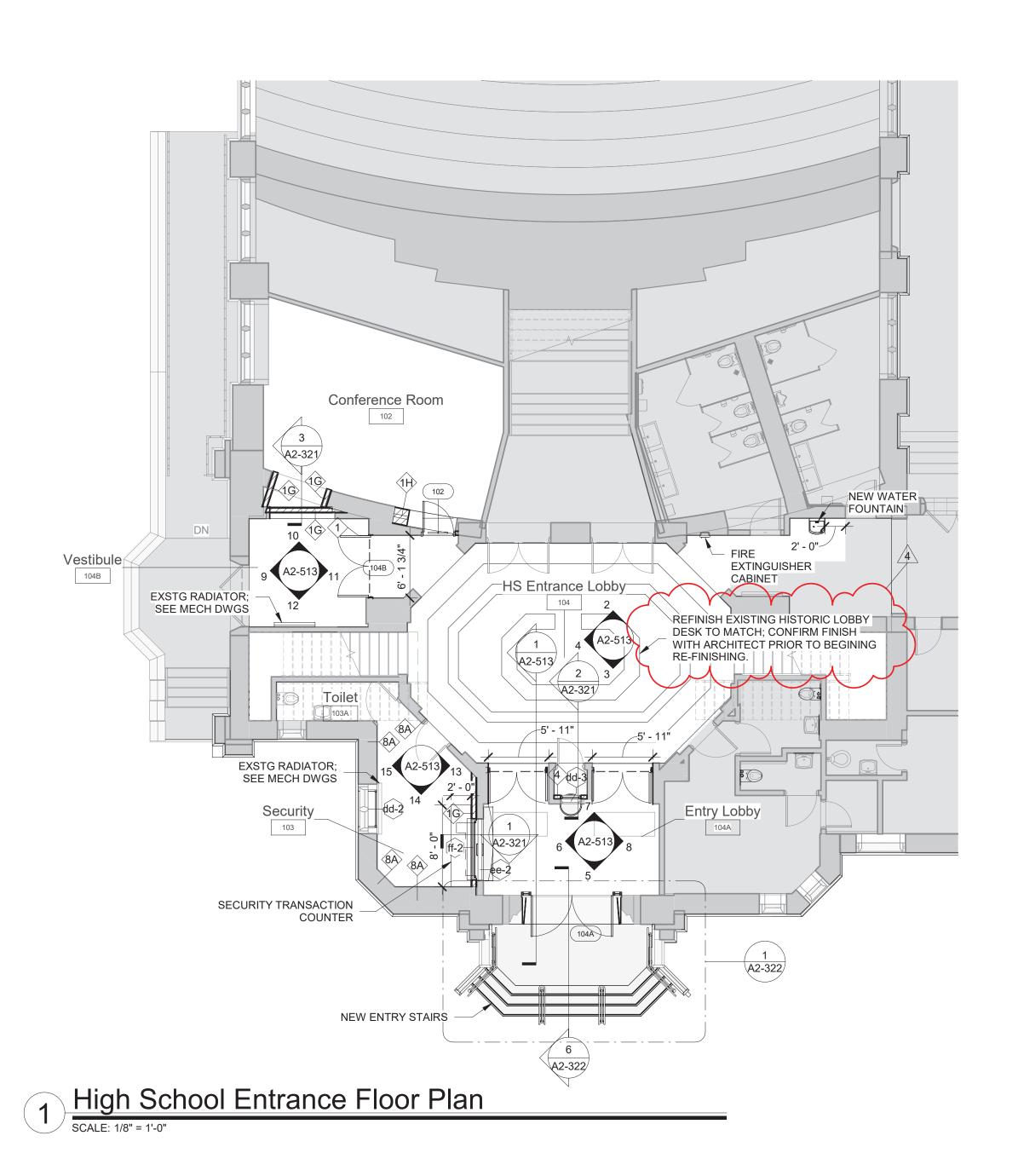
1 Parsons Street, Rye, New York 10580

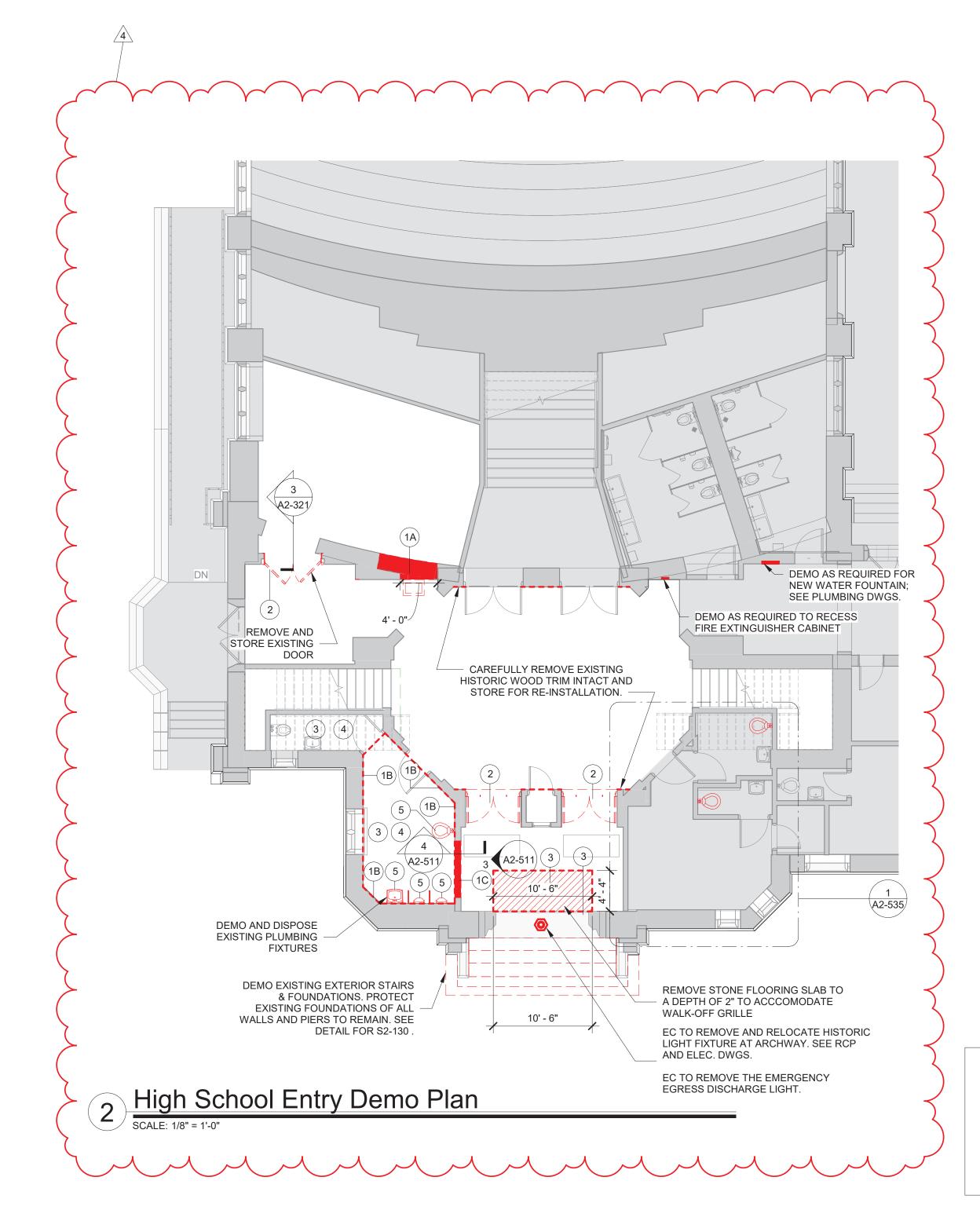
CEILING FIXTURE AND MATERIAL LEGENDS

PROJECTS 1, 2, & 3

SEAL & SIGNATURE DATE: 01/19/21 PROJECT No: 9200 DWG No:

DRAWING BY: \_Author CHK BY: Checker A2-400





	Demolition Keynote Legend Phase 2			
Key Value	Alue 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 DOOF 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 SHELVING.			
6A	REMOVE EXISTING LOCKERS AND ASSOCIATED HARDWARE.			

**GENERAL NOTE:** 

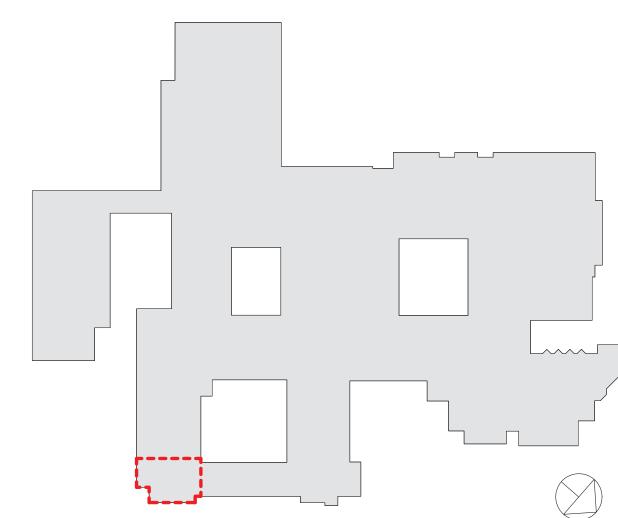
DIMENSIONS ARE SHOWN CENTERLINE TO CENTERLINE FOR NEW WALLS AND FACE OF EXISTING FINISH FOR EXTERIOR WALLS OR EXISTING WALLS TO REMAIN (UNLESS NOTED OTHERWISE)

### **DEMO LEGEND**

DEMO EXISTING WALLS & DOORS

--- DEMO EXISTING WALL FINISHES

AREA NOT IN SCOPE



1" = 100'

Revision Schedule					
No. Description					
SED SUBMISSION	09/15/2020				
SED SUBMISSION: Addendum #1	01/11/2021				
ISSUED FOR BID	01/19/2021				
BID ADDENDUM #1	01/29/2021				
	Description  SED SUBMISSION  SED SUBMISSION: Addendum #1  ISSUED FOR BID				

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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

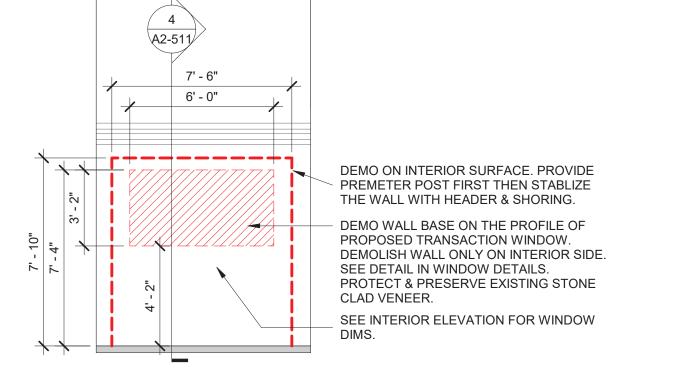
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL ENTRANCE **PLANS** 

PROJECT 1

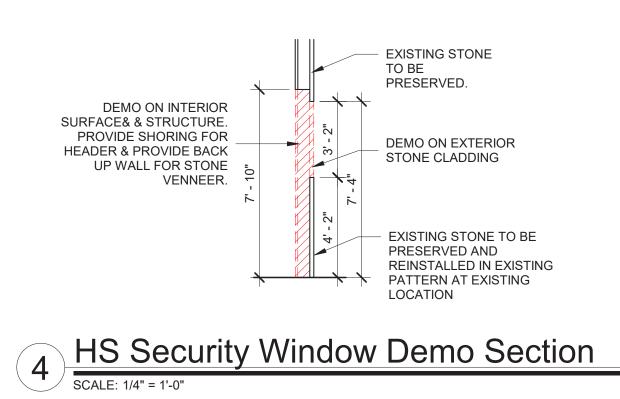
SEAL & SIGNATURE DATE: PROJECT No: 9200 DRAWING BY:\_Author CHK BY: Checker DWG No: A2-511

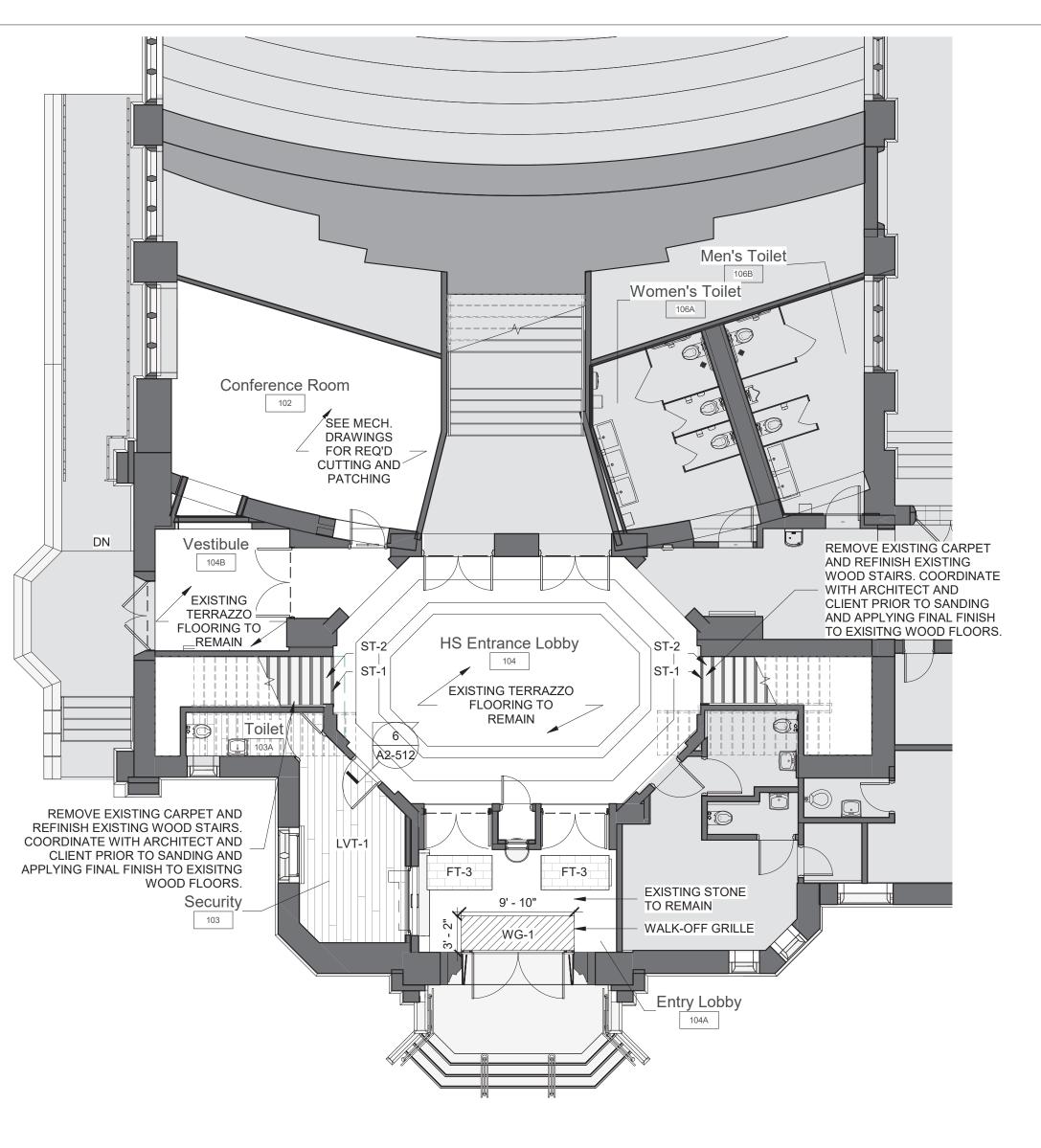
RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN



3 HS Security Window Demo Elevation

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

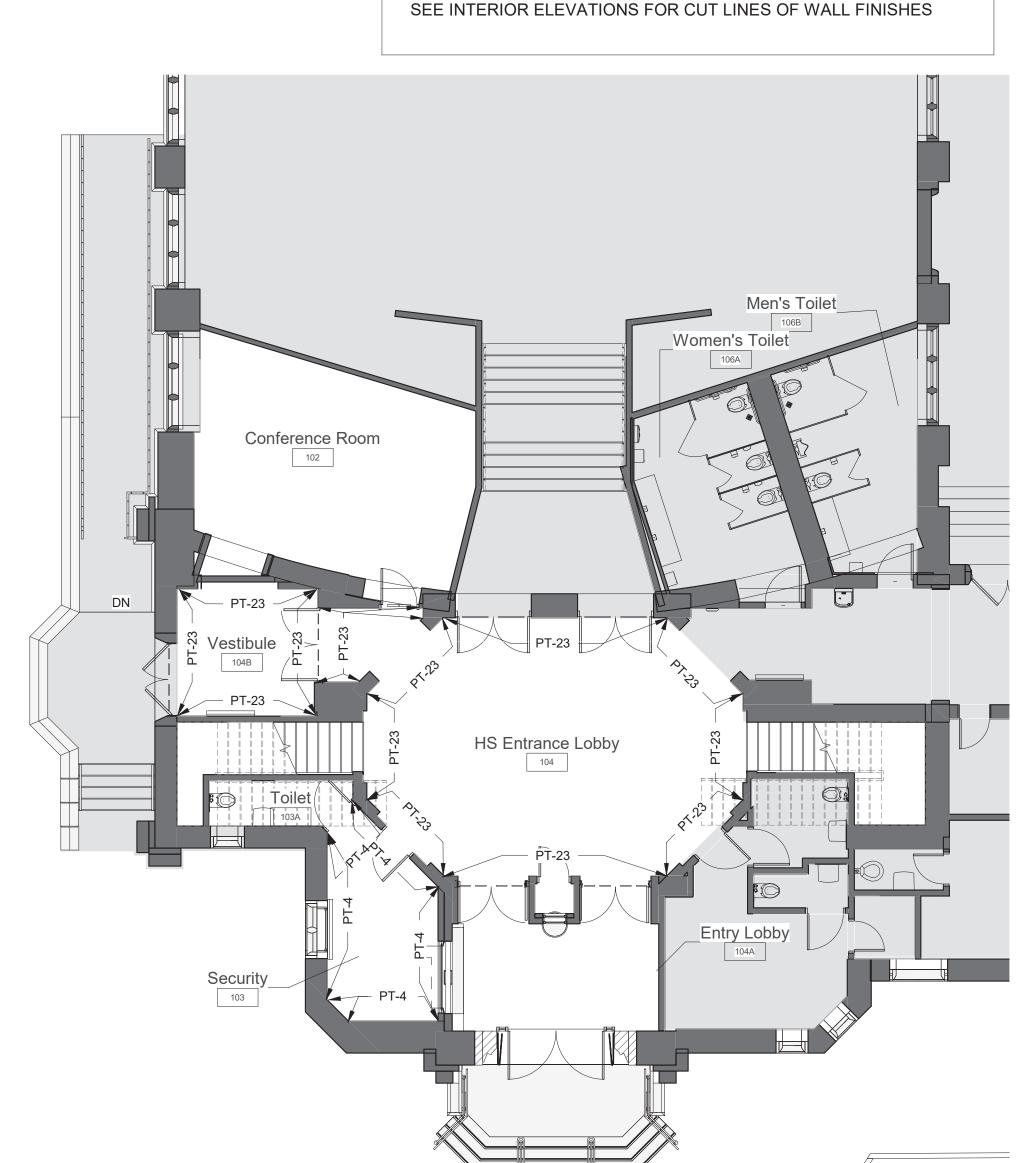




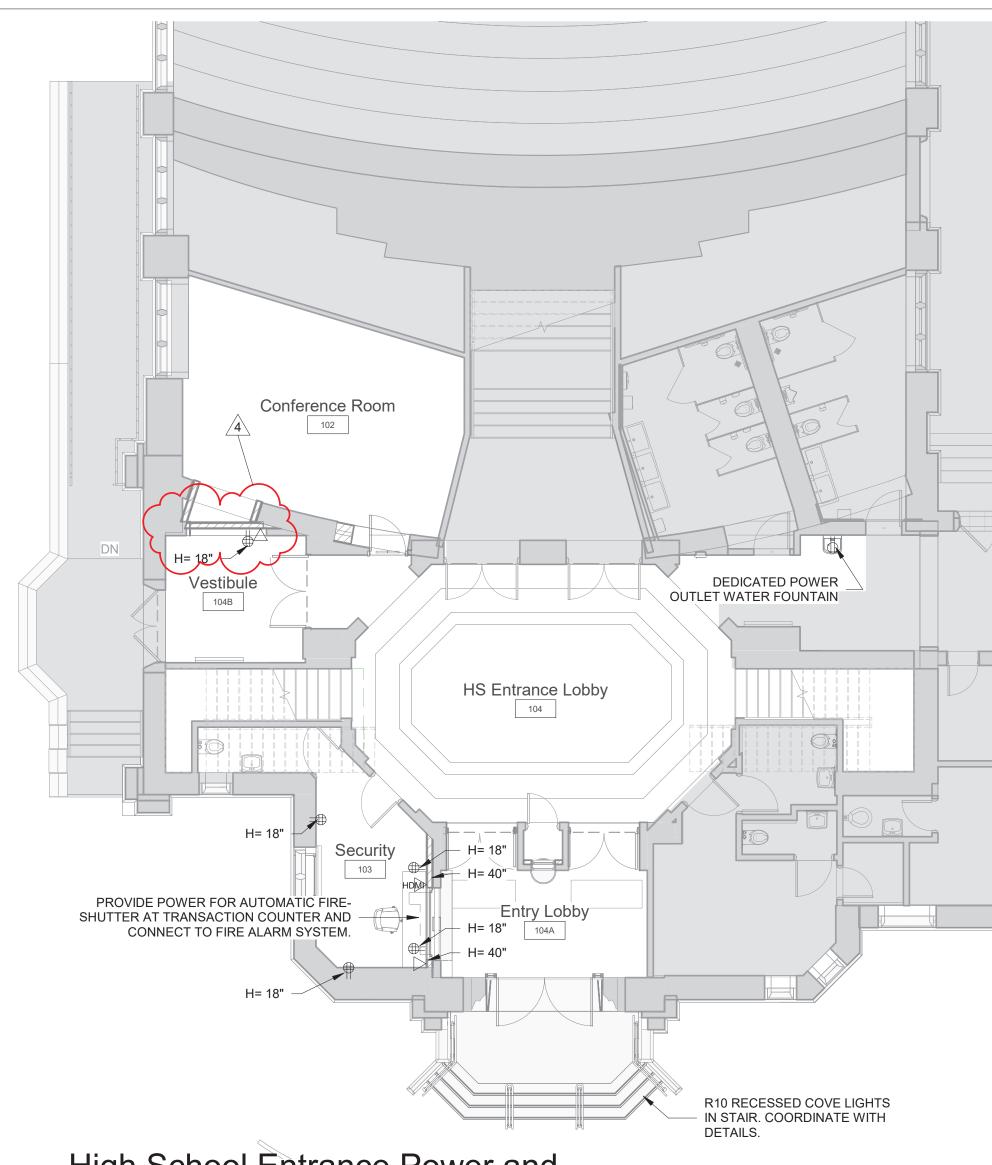
# 1 High School Entrance Flooring Plan

**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:** 



4 High School Entry Wall Paint Plan



# High School Entrance Power and

2 Technology Plan

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

THIS DRAWING SHOWN FOR ARCHITECTURAL COORDINATION PURPOSES ONLY. SEE ELECTRICAL DRAWINGS. OWNER'S AV 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

<u>SPEAKERS</u>

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) (ELEV.) (PLAN)

**ACCESSORIES** 

AV EQUIPMENT CEILING RACK (BY OWNER) :

BASIS OF DESIGN: ATLAS CR222-NR. PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND RCP)

(ELEV.) (PLAN)

(RCP) (PLAN)

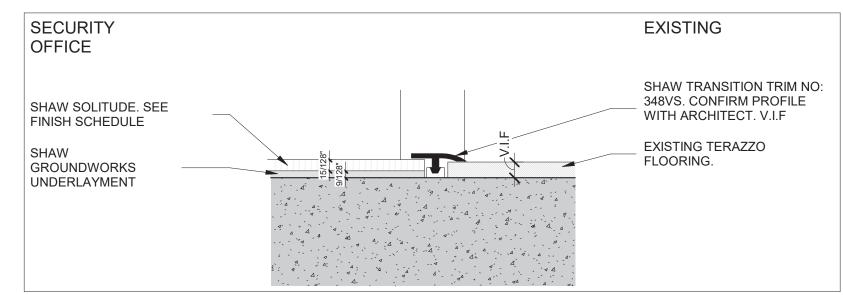
WALL MOUNTED DIGITAL CLOCK: BASIS OF DESIGN: ATLAS IED IP DUAL SIDED LCD WITH SPEAKERS PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/ POWER PLAN)

(ELEV.) (PLAN)

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

\_\_\_\_ \( R6 \) TOUCH CONTROL PANEL (BY OWNER)
EXTRON MLC PLUS 100. (SEE INTERIOR ELEVATIONS AND POWER & TECH PLAN) (ELEV.) (PLAN)

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



### HS ENTRY - FLOOR TRANSITION DETAIL





ELEVATIONS

Conference Room HISTORIC TRIM. RE-INSTALL TRIM AROUND FIXTURE TO HIDE FIXTURE. PROVIDE COORDINATION DRAWINGS TO ARCHITECT AND ENGINEER FOR APPROVAL PRIOR TO INSTALLATION. TYPICAL FOR ALL WM5 FIXTURES. PROVIDE MOCKUP TO ARCHITECT AND OWNER USING AT LEAST 3 DIFFERENT FIXTURES PRIOR TO INSTALL. Vestibule EXISTING VAULTED PLASTER CEILING TO REMAIN, TYP. EC TO REFURBISH AND REINSTALL EXISTING HISTORIC CHANDELIER AT EXISTING LOCATION. HS Entrance Lobby SEE ELECTRICAL DRAWINGS CLG HVAC EQUIP; A2-321/ SEE MECH DWGS FIXTURE WM4 TO REPLACE EXISTING WALL-MOUNTED FIXTURE AT THIS LOCATION. EC TO REFURBISH AND REWIRE EXISTING HISTORIC FIXTURE. RELOCATE FIXTURE TO BE MOUNTED ON PROPOSED BRACKET. SEE ARCH. DETAIL DRAWINGS AND ELECTRICAL DRAWINGS.

3 High School Entry RCP

AREA NOT IN SCOPE

#### POWER OUTLETS & DEVICES LEGEND: THIS DRAWING SHOWN FOR ARCHITECTURAL COORDINATION PURPOSES

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**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

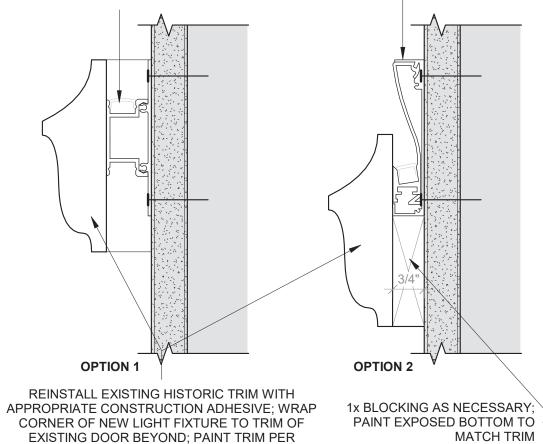
LIGHTING CONTROL PANEL LIGHTING SWITCH

ETHERNET DATA OUTLET HDMI DATA OUTLET

(ELEV.) (PLAN)

WALL MOUNTED DIGITAL CLOCK: (ELEV.) (PLAN) IP PHONE:

LED TAPE LIGHTING IN EXTRUDED ALUMINUM MOUNTING CHANNEL; ALUMINUM MOUNTING CHANNEL; BASIS OF DESIGN: KELVIX CH-241-M BASIS OF DESIGN: KELVIX CH-076 CHANNEL



HIGH SCHOOL ENTRY LOBBY - COVE

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

Date Description SED SUBMISSION 09/15/2020 ISSUED FOR BID 01/19/2021 BID ADDENDUM #1 01/29/2021

Revision Schedule

### Geddis **Architects**

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Structural Engineer
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401-724-1771 <u>Civil Engineer</u> WESTON & SAMPSON 1 Winners Circle, Suite 130

Albany, NY 12205 518-463-4400 Roof Consultant

WATSKY ASSOCIATES INC 20 Madison Ave Valhalla, NY 10595 914-948-3450

**Acoustic Consultant** DP DESIGN 12 Cold Spring Street Providence, RI 401-861-3218

AV Consultant **CAVANAUGH TOCCI** 327 F Boston Post Road 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

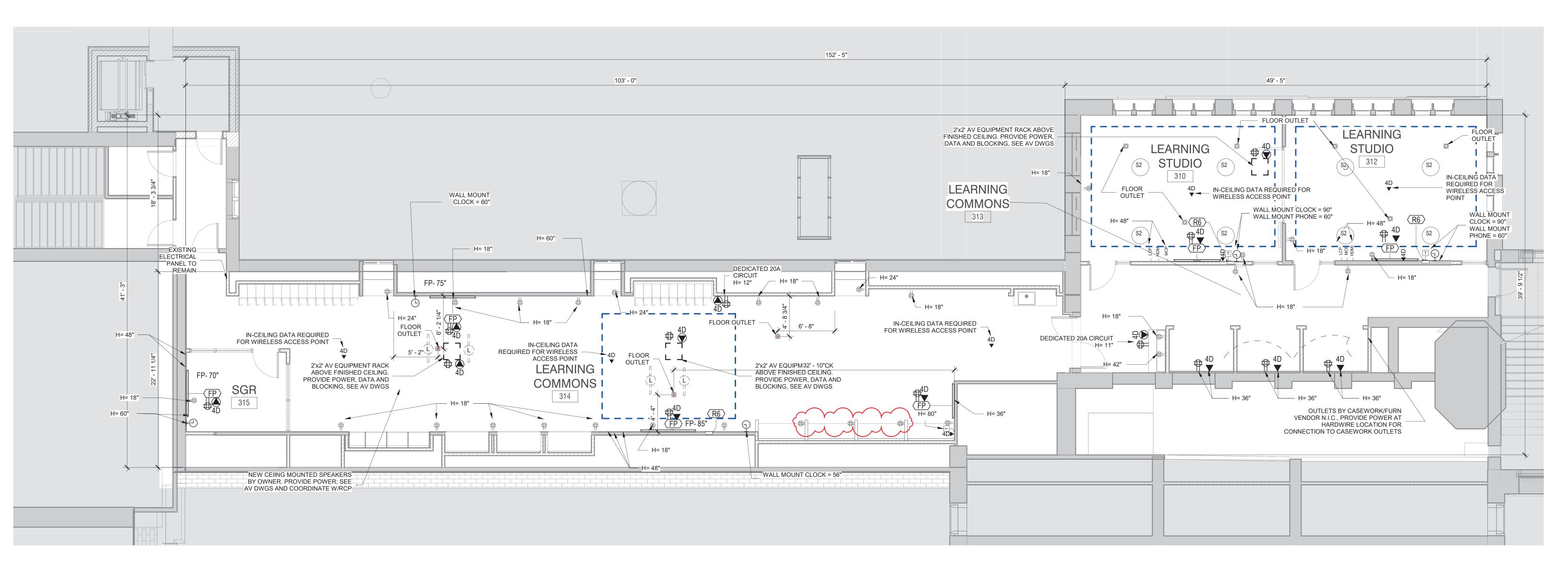
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL ENTRANCE **PLANS** 

PROJECT 1

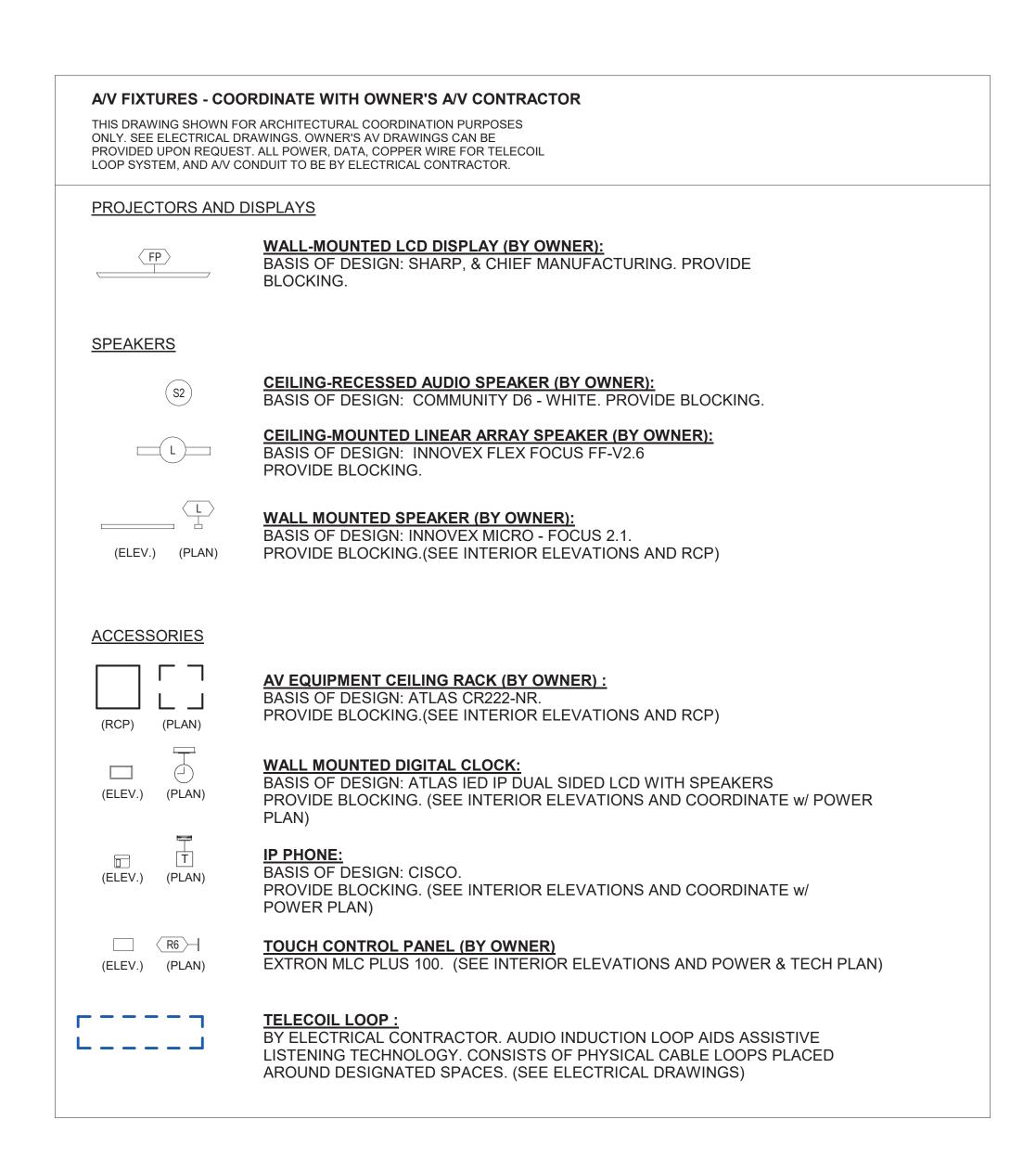
SEAL & SIGNATURE DATE:

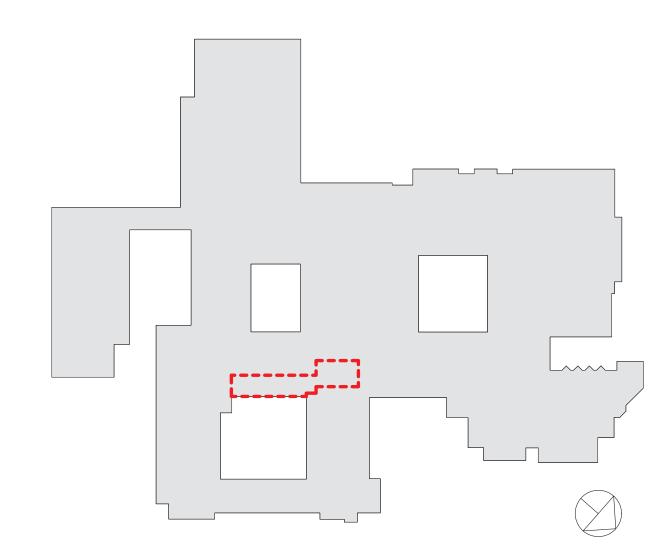
PROJECT No: 9200 DRAWING BY: Author CHK BY: Checker DWG No: A2-512



## Third Floor Power and Technology Plan

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 A/V 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: (ELEV.) (PLAN) (ELEV.) (PLAN)





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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<u>Structural Engineer</u>

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<u>Civil Engineer</u>
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Roof Consultant
WATSKY ASSOCIATES INC.

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Acoustic Consultant
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Providence, RI
401-861-3218

AV Consultant CAVANAUGH TOCCI 327 F Boston Post Road Sudbury, MA 01776-3027 978-443-7871

SED #: 6618-0001-0005-032

PROJECT

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

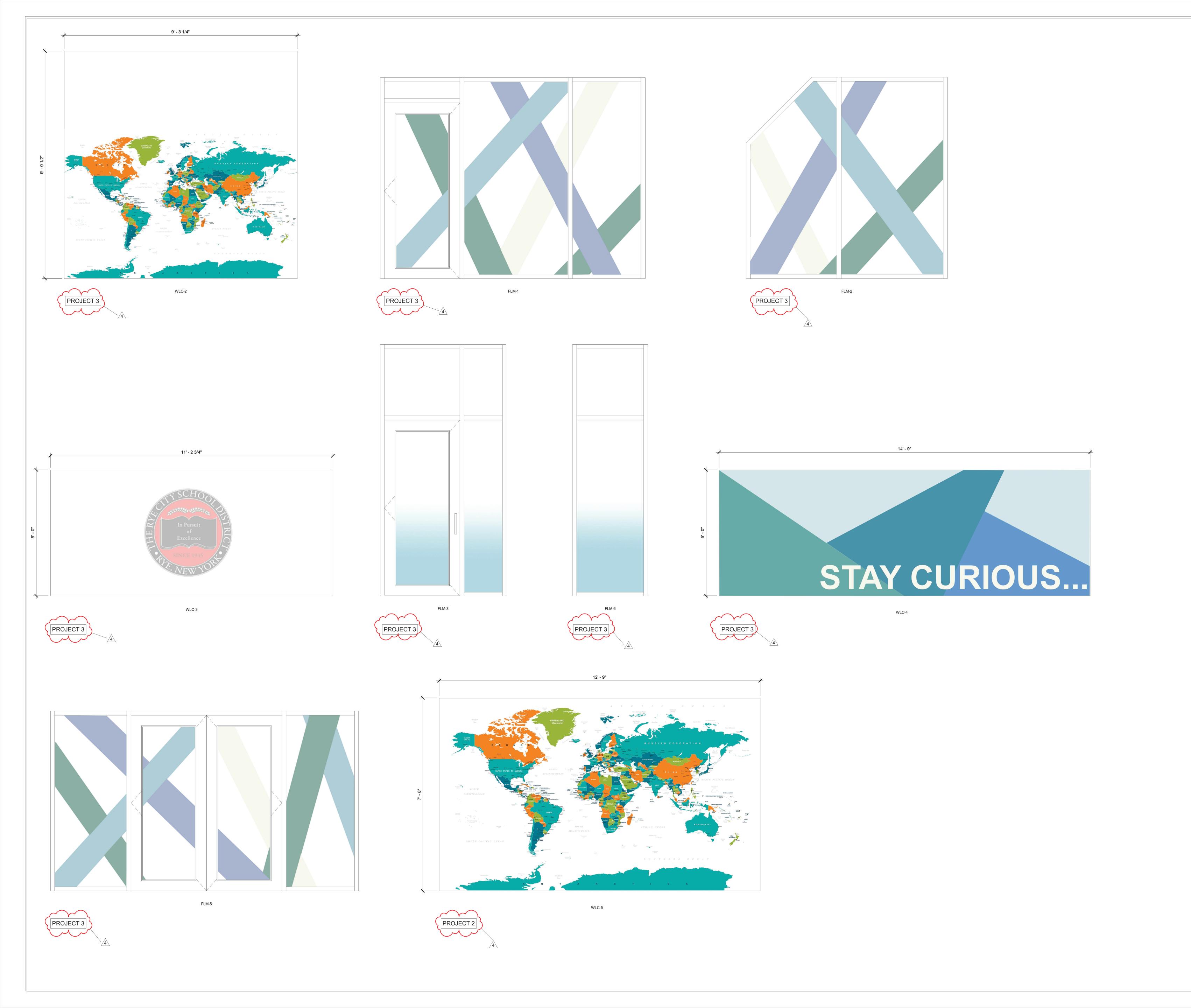
Rye High School & Middle School

1 Parsons Street, Rye, New York 10580

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



ISSUED FOR BID 01/19/2021

BID ADDENDUM #1

01/29/2021

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### SED #: 6618-0001-0005-032

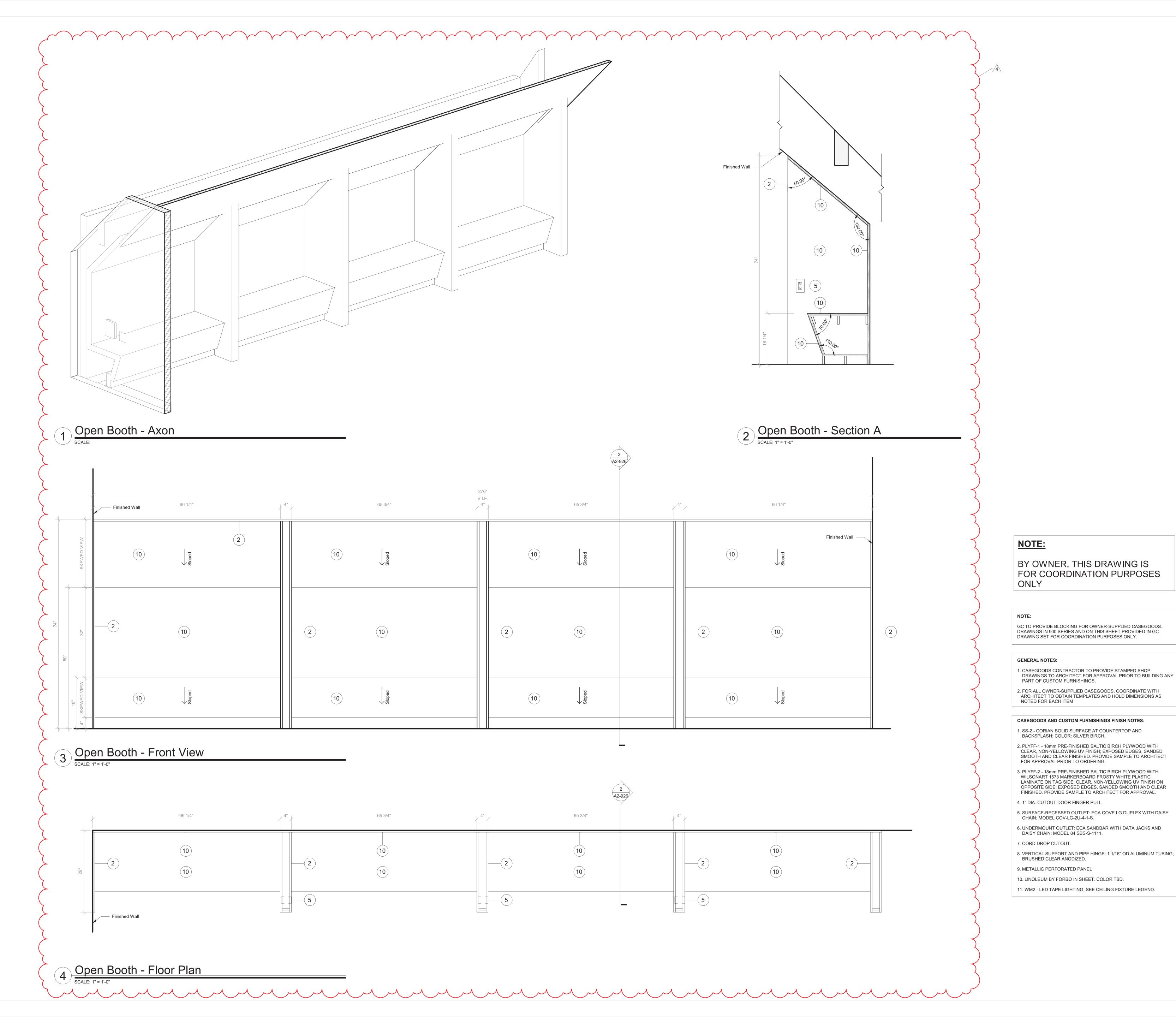
Rye City School District 555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle School

1 Parsons Street, Rye, New York 10580

WALL GRAPHICS AND **GLAZING TYPES** 

SEAL & SIGNATURE | DATE: CHK BY:\_\_\_ DWG No: Checker



 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

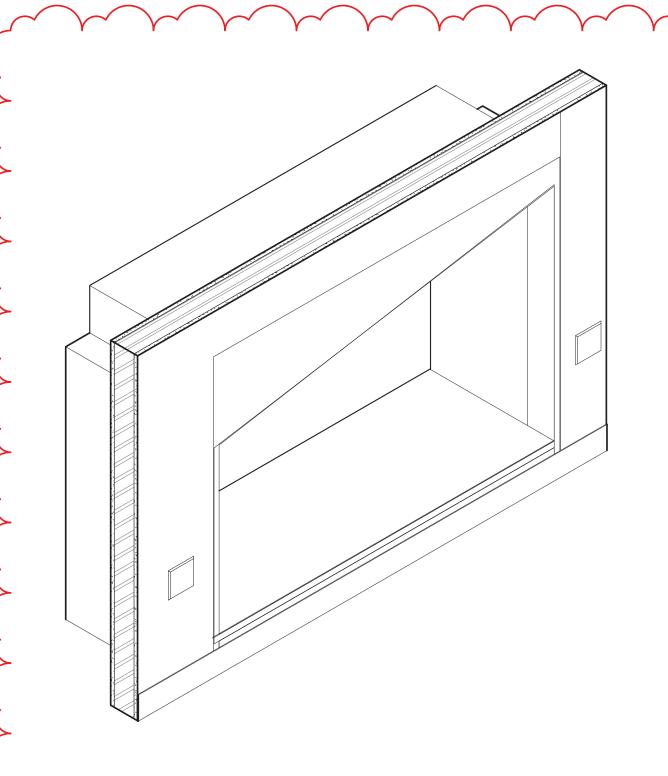
School

1 Parsons Street, Rye, New York 10580

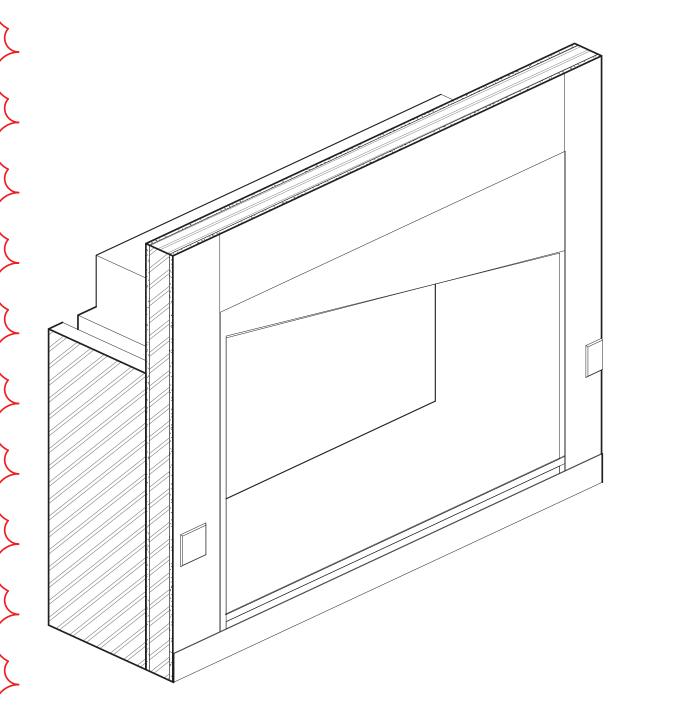
FURNITURE DETAIL - THIRD FLOOR - OPEN BOOTH SEATING

PROJECT 3

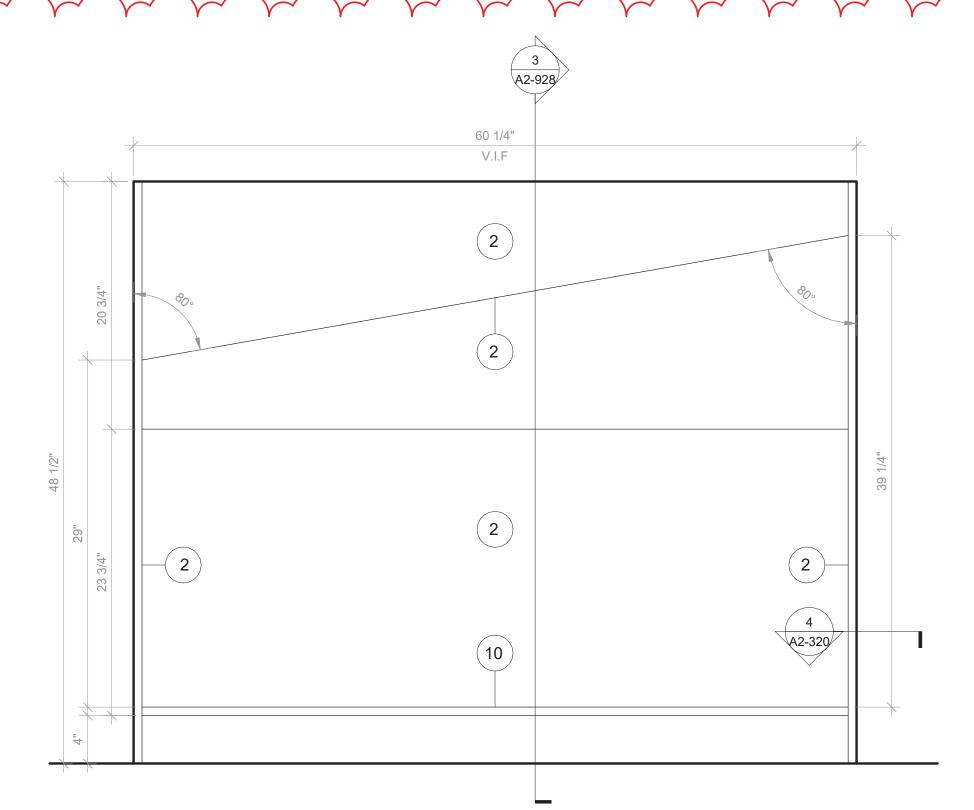
SEAL & SIGNATURE DATE: 05/06/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No:
A2-926



2 Cave Space Type A - Axon scale:

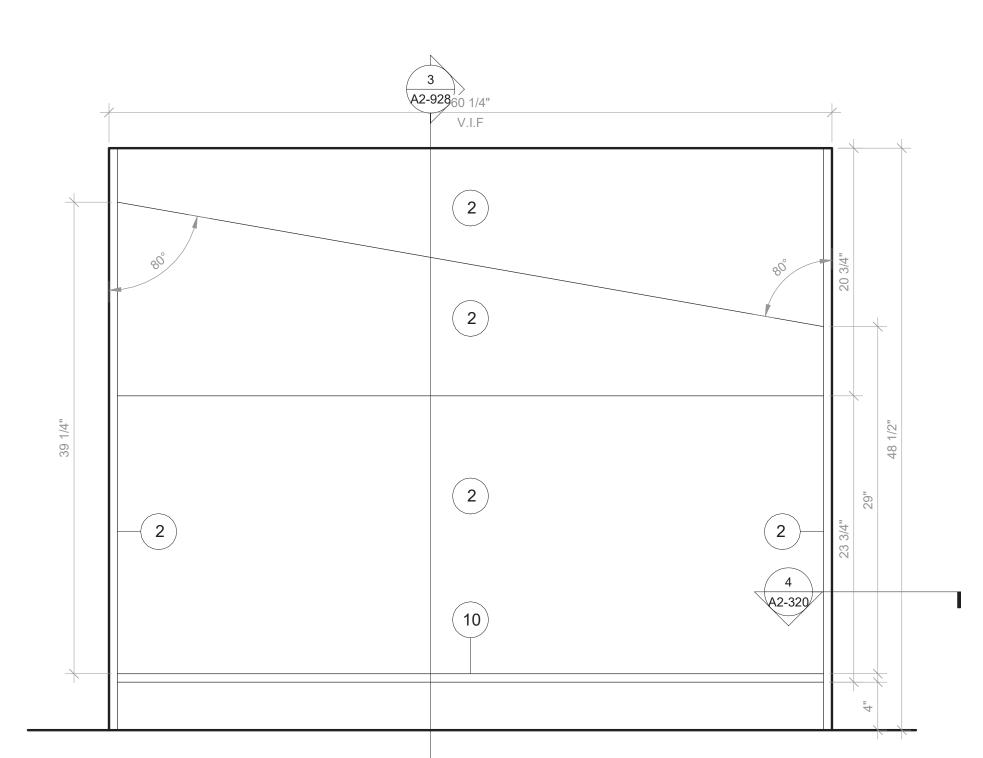


6 Cave Space Type B - Axon



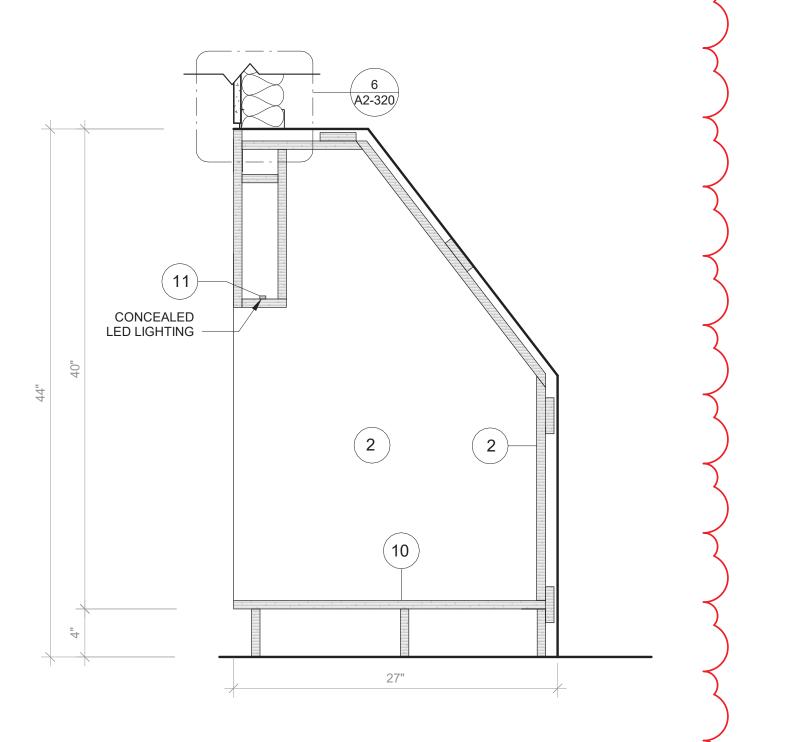
1 Cave Space Type A - Front View

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



7 Cave Space Type B - Front View

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



3 Cave Space - Typ. Section

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

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: 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:

1. SS-2 - CORIAN SOLID SURFACE AT COUNTERTOP AND BACKSPLASH; COLOR: SILVER BIRCH.

2. 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.

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" DIA. CUTOUT DOOR FINGER PULL.

5. SURFACE-RECESSED OUTLET: ECA COVE LG DUPLEX WITH DAISY CHAIN; MODEL COV-LG-2U-4-1-S.

6. UNDERMOUNT OUTLET: ECA SANDBAR WITH DATA JACKS AND DAISY CHAIN; MODEL 84 SBS-S-1111.

7. CORD DROP CUTOUT.

8. VERTICAL SUPPORT AND PIPE HINGE: 1 1/16" OD ALUMINUM TUBING; BRUSHED CLEAR ANODIZED.

9. METALLIC PERFORATED PANEL

10. LINOLEUM BY FORBO IN SHEET. COLOR TBD.

11. WM2 - LED TAPE LIGHTING, SEE CEILING FIXTURE LEGEND.

### NOTE:

BY OWNER. THIS DRAWING IS FOR COORDINATION PURPOSES ONLY

Revision Schedule	
Description	Date
SED SUBMISSION	09/15/2020
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- CAVE SPACE

PROJECT 3

SEAL & SIGNATURE

PROJECT No: 9200

DRAWING BY: Author

CHK BY: Checker

DWG No:

A2-928

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GENER.	RAL DATA	TA			SU	IPPLY I	FAN DATA		RETU	JRN-E	XHAUST F	AN		HEAT	TRA	NSFER			COOLI	'NG COIL	DATA	24		_	EATING C	COIL DAT	TA	34	/	PRE & ,	AFTER-FI	ILTER DATA	ELEC	TRICAL L	DATA	ERU [	)IMENSIC	DN & WTS.		GENERAL
K SERVICE	E LOCAT	ATION A	OUTSIDE IR CFM MIN/MAX	MODEL No.	CFM	EXT. S.P. IN WG	TYPE	MOTOR HP	CFM MIN/MAX	EXT. S.P. IN WG	TYPE	MOTOR HP	SIZE	SUN LA DB 'F	MMER AT WB 'F	WINTEI LAT DB °F   WE	R МОТО В °F	OR H.P.	CONDENSING UNIT	TOTAL/SEN MBH	No. OF ROWS	FACE VEL. F.P.M.	ENT. AIR TEMP. D.B./W.B.	MARK	TOT. CAP. MBH	MIN. COIL FACE AREA	ENT. AIR TEMP. °F	LVG. AIR TEMP. *F	G.P.M.	NO.	SIZE	TYPE	MCA MC	OCP EL SE	ECTRIC RVICE	<b>L</b> И	/ H	WTS-#		REMARKS
HS GYM	ROC	00F 3.	300/6600	<b>O</b> ERP-E-07	6600	2.0	PLENUM	10	3300/6600	2.0	PLENUM	7.5	03	80.1	67.2	53.4 4	3.0 0	0.25	SEE CU	-	-	-	-	SEE HC	360	-	40	90	40	-	- :	2" MERV 10 4" MERV 13	<i>32</i> 3	5 46	0/3/60	216 93	3 86	5500	,	REFER TO
HS GYM	ROC	00F 33	300/6600	<b>O</b> ERP-E-07	6600	2.0	PLENUM	10	3300/6600	2.0	PLENUM	7.5	03	80.1	67.2	53.4 4	3.0 0	0.25	SEE CU 2	-	_	_	-	SEE HC 2	360	-	40	90	40	-	-	2" MERV 10 4" MERV 13	<i>32</i> 3	5 46	0/3/60	216 93	3 86	5500		REFER TO
CONF. RM TOILET RM	M. CEIL M.	TILING	600	<b>Ø</b> U–ERV600	600	2.0	CENTRIFUGAL	_	600	2.0	CENTRIFUGAL	_	_	79.5	66.9	53.4 4.	2.5		SEE CU 3	_	_	_	_	SEE HC 3	_	_	_	_	_	2 5'	"X40"X2" .	2" MERV 13	10.6	5 20	8/1/60	56 34	34 12	129	/	REFER TO
HS NURSE/OFF	FICE CEILI	ILING	400	<b>(2)</b> U–ERV600	400	2.0	CENTRIFUGAL	_	325	2.0	CENTRIFUGAL	_	-	78.9	66.1	57.4 4	5.3	-	SEE CU 4A	_	_	-	_	SEE HC 4	_	_	_	_	-	2 5'	"X40"X2"		10.6	5 20	8/1/60	56 34	34 12	129		REFER TO
HS OFFICES	ROO	OOF	200	<b>(A</b> ) U–ERV600	200	2.0	CENTRIFUGAL	-	200	2.0	CENTRIFUGAL	_	_	77.6	65.1	61.8 4	8.1	-		-	_	-	-	SEE HC 5	1	-	_	_	-	2 5'	"X40"X2"	V	10.6	5 20	8/1/60	56 34	34 12	129		REFER TO
MS CLASSROOM	DMS ROC	00F 3.	300/6000	<b>O</b> ERP-E-07	6600	2.0	PLENUM	10	3300/6600	2.0	PLENUM	7.5	03	80.3	67.4	53.3 4.	2.7 0	0.25	SEE CU 6	-	_	_	-	SEE HC 6	360	_	40	90	40	-		2" MERV 10 4" MERV 13	32 3	5 46	0/3/60	216 93	3 86	5500	/	REFER TO
MS SECURITY	Y CEILI	ILING	50	<b>(1)</b> H150–TRG	50	0.75	CENTRIFUGAL	_	50	0.75	CENTRIFUGAL	-	_	77.6	65.1	61.8 4	8.1	-		_	_	-	-	SEE HC 7	ı	_	-	_	-	2	-	2" MERV 13	1.5	5 12	0/1/60	24 22	22 12	50	,	REFER TO
) HS CLASSROOM	DMS CEILI	ILING	1500	<b>Ø</b> U–ERV1800	1500	2,0	CENTRIFUGAL	-	1500	2.0	CENTRIFUGAL	_	-	79.6	66.5	55.3 4	3.9	-	SEE CU 8	-	_	-	-	SEE HC 8	ı	-	-	_	-	6 5'	"X40"X2"		19.2 2	5 20	8/3/60	56 34	36	387	/	REFER TO
HS TOILET RN	MS ROC	00F	400	<b>Ø</b> U–ERV600	400	2.0	CENTRIFUGAL	_	400	2.0	CENTRIFUGAL	_	_	78.9	66.1	57.4 4	5.3	-		_	_	-	_		_	_	-	_	_	2 5'	"X40"X2"	_	10.6	5 20	8/1/60	56 34	4 12	129		REFER TO
HS SECURITY	Y CEILI	ILING	50	<b>@</b> PE7.15ERV	50	0.75	CENTRIFUGAL		50	0.75	CENTRIFUGAL		_	77.6	65.1	61.8 4	8.1	- ]		_	_	_	-		_	_	-	_	-	2 5'	"X40"X2"	2" MERV 13	1.5	5 12	0/1/60	24 22	22 12	50		REFER TO
MS GYM	ME	1ER	11,000	ERV-E-09	11000	2.0	PLENUM	-	11000	2.0	PLENUM	_	_	_	-	-	-	-	SEE CU 5	_	_	_	-		_	_	-	-	_	-	_			- 20	8/3/60	-   -		_	/	REFER TO

AS MANUFACTURED BY "ANNEXAIR." AS MANUFACTURED BY "ENERGY WALL."

AS MANUFACTURED BY "GREENTEK." (2) BASED ON A.R.I. CERTIFIED COIL SELECTIONS. BASED ON HOT WATER SUPPLY TEMPERATURE OF 160°F AND RETURN TEMPERATURE OF 140°F.

4 DESIGN AIR CONDITIONS: SUMMER OA (95°F/75°F) RA (75°F/63°F) WINTER OA (6°F) RA (70°F/53°F) 5 INSTALL IN ACCORDANCE WITH MANUFACTURER'S PROVIDE UNIT WITH ENAMELED FINISH, INTEGRAL DX COIL SECTION, EXHAUST/DEFROST CONTROLS WITH INSULATED MOTORIZED OAI/EXHAUST DAMPERS, INTAKE LOUVER/EXHAUST HOOD. DAMPER POWER TERMINALS, LOW TEMPERATURE LIMIT CONTROLS, 100% ECONOMIZER CONTROLS, DIRTY FILTER CONTACT, DAMPER END SWITCHES, DISCONNECT SWITCHES, VFD'S, MERV 8 INITIAL AND MERV 13 FINAL FILTERS, DUCT MOUNTED HOT WATER COILS. LOCATE UNITS ON VIBRATION TYPE ROOF CURB SUPPORTS WITH ALL MOUNTING HARDWARE.

PROVIDE UNIT WITH ENAMELED FINISH, INTEGRAL DX COIL, RE-CIRCULATION DEFROST CONTROLS, DUCT MOUNTED MOTORIZED OAI/EXHAUST DAMPERS, LOW TEMPERATURE LIMIT CONTROLS, DIRTY FILTER CONTACT, FIELD MOUNTÉD DISCONNECT SWITCH, VARIABLE SPEED CONTROL, MERV 13 FILTERS AND DUCT MOUNTED HOT WATER COILS. SUSPEND UNIT FROM STRUCTURE ABOVE. PROVIDE ALL NECESSARY MOUNTING HARDWARE, SUPPORTS AND SPRING VIBRATION ISOLATORS.

8 PROVIDE UNIT WITH ENAMELED FINISH, DEFROST CONTROLS, DUCT MOUNTED MOTORIZED OAI/EXHAUST DAMPERS, MERV 10 FILTER BOX, DIRTY FILTER CONTACT, FIELD MOUNTED DISCONNECT SWITCH, VARIABLE SPEED CONTROL AND PSC MOTORS. SUSPEND UNIT FROM STRUCTURE ABOVE. PROVIDE ALL NECESSARY MOUNTING HARDWARE, SUPPORTS AND SPRING VIBRATION ISOLATORS.

PROVIDE FLOOR, WALL OR CEILING MOUNTED CONDENSATE PUMP, LITTLE GIANT MODEL VCL-24ULS, 1/18HP, 120V/1PH/60HZ, 148 WATTS, WITH AUTOMATIC HEAT PUMP SHUT DOWN ON OVERFLOW OR

										SCHE	DULE C	OF PAC	CKAGED	ROOF	TOP R1	U UN	1T														
	(	GENERAL DATA			FAN D				GAS HE	ATING DATA	3		COOLII	NG DATA	34	COI	NDENSER DATA		СОМР	RESSOF	P DATA	F	ILTER D	DATA	PHYSIC	CAL DATA	El	ECTRI	ICAL DA	ATA	
RK	SERVICE	MODEL NUMBER	OAI CFM MAX./MIN.	CFM	EXT. S.P. IN H <sub>2</sub> O	FAN I RPM	MOTOR HP	INPUT MBH	OUTPUT MBH	ENT. AIR TEMP DB *F	P. LVG. AIR TEMP. DB °F	TOTAL CAP. MBH	SENSIBLE CAP. MBH	ENT. AIR TEMP. DB/WB °F	LVG. AIR TEMP. DB/WB 'F	REFRIG.	ENT. AIR TEMP. DB	HP	QTY.	R.L.A. (EACH)	L.R.A. (EACH)	QTY.	SIZE (IN.)	TYPE	WEIGHT (LBS.)	LxWxH (IN.)	FLA	MCA	MOP	SERVICE	REMARKS
	CAFETERIA	ZWT15S30L2TCE44PA3	6000 2200	6000	1.6	1149 (	(1)5.0	300	240	60	97	188	136	80/67	58/57	R410A	95	(4)1/3	_	_	_	2 4	20X24X4 24X24X4	MERV 8 MERV 13	2,999	181X92X53	_	87	100	230/3/60	REFER TO <b>25</b> 6
	CAFETERIA	ZWT15S30L2TCE44PA3	6000 2200	6000	1.6	1149 (	(1)5.0	300	240	60	97	188	136	80/67	58/57	R410A	95	(4)1/3	_	_	_	2 4	20X24X4 24X24X4	MERV 8 MERV 13	2,999	181X92X53	_	87	100	230/3/60	REFER TO <b>25</b> 6
																		·										-			

N 1 AS MANUFACTURED BY "TEMPMASTER".

0 (2) INSTALL IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.

E 3 DESIGN AIR CONDITIONS: SUMMER: OA (94°F/75°F) RA (77°F/65°F); WINTER: OA (5°F/3°F) RA (70°F/55°F).

BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R-410A, EER 12.2,

PROVIDE ROOFTOP UNIT WITH FOUR STAGE COOLING, ENAMELED FINISH (COLOR TO BE DETERMINED BY ARCHITECT), MOTORIZED CONTROL DAMPERS, DAMPER END SWITCHES, 100% ENTHALPY ECONOMIZER CONTROLS, FROST PROTECTION, HOT GAS BY—PASS, DIRTY FILTER CONTACTS, BLOWER SHEAVE AND BELT FOR HIGH STATIC USE, DISCONNECT SWITCH, VFD'S, POWERED CONVENIENCE OUTLET, PHASE MONITOR, LOW AMBIENT CONTROLS, 4" THICK MERV 13 PLEATED FILTERS, STAINLESS STEEL GAS FIRED HEATING SECTION, STAINLESS STEEL DRAIN PAN, HINGED ACCESS PANELS, GAS PIPING KIT WITH VALVES AND FITTINGS FOR BOTTOM CONNECTION AND BACNET COMPARABLE AUTOMATED CONTROLS. PROVIDE FIELD INSTALLED FULL ECONOMIZER/POWER EXHAUST, INTAKE AND EXHAUST HOODS AND DUAL ENTHALPY HUMIDITY SENSORS.

PUMP FAILURE.

6 POWERED EXHAUST TO BE FIELD SUPPLIED BY MECHANICAL CONTRACTOR AND WIRED BY ELECTRICAL CONTRACTOR.

		5	CHED	ULE OF	EXHAL	IST FA	4 <i>NS</i>			
MARK	BUILDING	SERVICE	LOCATION	TYPE	MODEL No. 🕜	CFM	TOT. S.P. IN H <sub>2</sub> O	HP AMPS	ELECTRIC SERVICE	REMARKS
EF \( EF \\ EF \\ 2 \\ 3 \)	HIGH SCHOOL MIDDLE SCHOOL	ELECTRIC ROOM —	CEILING	CENTRIFUGAL	SP-A510	300	0.25	- 1.40	120/1/60	REFER TO 23
EF 4	HIGH SCHOOL	ELEVATOR SHAFT	WALL	CENTRIFUGAL	CUE-080-VG	300	0.25	1/10 -	120/1/60	REFER TO 24
EF 5	HIGH SCHOOL	TOILET RM —	ROOF	CENTRIFUGAL	G-095-DGEX-QD	250	0.25	1/8 -	120/1/60	REFER TO 24

N (1) AS MANUFACTURED BY "GREENHECK".

MOUNTING HARDWARE.

T 2 INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

PROVIDE FACTORY MOUNTED SPEED CONTROLLER AND DISCONNECT, ALUMINUM GRILLE, BACKDRAFT DAMPER, VIBRATION ISOLATORS AND

PROVIDE FAN WITH VARIABLE SPEED DRIVE ON MOTOR, UL705 RATED, NEMA 3R DISCONNECT SWITCH, GALVANIZED SIDE WALL MOUNTING SUPPORTS, ALUMINUM WALL GRILLE.

		SCHEDULE	OF DIF	RECT EX	(PANS	SION	CC	DILS
		GENERAL DATA		CAPAC	HTY			
MARK	BUILDING	SERVICE	COOLING TOTAL (MBH)	COOLING SENS. (MBH)	CFM		SUCT. TMP.*F	REMARKS
CC CC 1A 1B	HIGH SCHOOL	CU AH 1 10 EXIST AUXILIARY GYM	192	150	4500	78°F 65°F	45	REFER TO 1234
CC         CC           2A         2B	HIGH SCHOOL	CU AH2 12 EXIST AUXILIARY GYM	192	150	4500	78°F 65°F	45	REFER TO 1234
CC 7	MIDDLE SCHOOL	CU ERUS MS GYM	233	199	8000	78°F 65°F	45	REFER TO 1234

**N**  $\bigcirc$  AS MANUFACTURED BY "NATIONWIDE COIL.".

 $\stackrel{\circ}{2}$  REFRIGERANT R-410A.

(3) INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS. S (4) BASED ON A.R.I. CERTIFIED COIL SELECTIONS

				(CU) 15	MIDDLE SCHOOL	$\frac{HP}{B}$ SECURITY OFF
				N (	1) AS MANUFACTI	IRED BY "LG ELECTRONI
				$1 \wedge 3$	$\boldsymbol{\prec}$	I. CERTIFIED COIL SELE
					NSTALL ACCOR	DING TO MANUFACTURER
				(	DC INVERTER C SYSTEM LOAD.	OMPRESSOR SPEED CON
		_		-		

		GENERAL [	DATA	CAPACITY		PHYSICA	L DATA		ELECTR	CAL SUP	PLY			
MARK	BUILDING	SERVICE	MODEL ① No.	COOL/HEAT (MBH)	UNIT WEIGHT (POUNDS)	L	W	Н	SERVICE	MCA	MOCP	EER/SEER	,	REMARKS 1
CU	HIGH SCHOOL	ERU) GYM	ARUM241DTES	233/243	800	49"	<i>30"</i>	67"	460/3/60	41.4	50	12.4/25.9	REFER T	· 23497
CU <sub>2</sub>	HIGH SCHOOL	ERU GYM	ARUM241DTES	233/243	800	49"	<i>30"</i>	67"	460/3/60	41.4	50	12.4/25.9	REFER	03437
$\frac{CU}{3}$	HIGH SCHOOL	ERÙ CONF.RM.	ARUN038GSS4	38/42	250	38"	16"	55''	208/1/60	25	40	10.7/17.0	REFER T	· <b>23436</b> 7
CU 4	HIGH SCHOOL	HP * NURSE/OFFICE	ARUN038GSS4	38/42	250	38"	16"	55''	208/1/60	25	40	10.7/17.0	REFER	23436
CU 4A	HIGH SCHOOL	NURSE/OFFICE	ARUN024GSS4	24/27	250	<i>38"</i>	16"	33"	208/1/60	19.6	30	10.7/17.0	REFER T	· <b>23436</b> 7
(CU) 5	MIDDLE SCHOOL	ERU3 GYM	ARUM241DTES	233/243	800	49"	<i>30"</i>	67''	460/3/60	41.4	50	12.4/25.9	REFER	© 23 <b>43</b> 7
CU	MIDDLE SCHOOL	ERU CLASSROOMS	ARUM241DTES	233/243	800	49"	<i>30"</i>	67''	460/3/60	41.4	50	12.4/25.9	REFER T	23437
CU 7	MIDDLE SCHOOL	HP G OFFICES	ARUN048GSS4	48/54	300	38"	16"	55''	208/1/60	30	50	10.7/17.0	REFER T	· <b>2343</b> 6
	HIGH SCHOOL	ERU 8 CLASSROOMS	ARUM096DTES	96/108	600	49"	<i>30"</i>	67''	460/3/60	16.4	25	12.4/25.9	REFER 1	034567
$CU_{g}$	HIGH SCHOOL	(HP) CLASSROOMS	ARUM096DTES	96/108	600	49"	<i>30"</i>	67''	460/3/60	16.4	25	12.4/25.9	REFER	<b>234367</b>
CU 10	HIGH SCHOOL	AHT AUXILIARY GYM	ARUM192DTES	192/216	800	49"	<i>30"</i>	67"	460/3/60	<i>35.7</i>	50	12.4/25.9	REFER T	· <b>23436</b> 7
CU	HIGH SCHOOL	HP SECURITY OFFICE	ARUN024GSS4	24/27	250	<i>38"</i>	16"	33"	208/1/60	19.6	30	10.7/17.0	REFER T	23436
<u>CU</u> 12	HIGH SCHOOL	AHZ EXIST AUXILIARY GYM	ARUM192DTES	192/216	800	49"	<i>30"</i>	67''	460/3/60	35.7	50	12.4/25.9	REFER T	<b>234367</b>
<u>CU</u> 13	MIDDLE SCHOOL	(HP) CLASSROOMS	ARUM168DTES	168/189	700	49"	<i>30"</i>	67"	460/3/60	28.5	<i>35</i>	12.4/25.9	REFER T	· <b>2343</b> 6
<u>CU</u>	HIGH SCHOOL	CLASSROOMS	ARUM072DTES	72/81	500	37"	<i>30"</i>	67''	460/3/60	12.8	20	12.4/25.9	REFER T	<b>23436</b>
<u>CU</u> 15	MIDDLE SCHOOL	HP SECURITY OFFICE	ARUN024GSS4	24/27	250	38"	16"	33''	208/1/60	19.6	30	10.7/17.0	REFER T	03436

SCHEDULE OF OUTDOOR VRF CONDENSING UNITS

DNICS. ". ECTIONS;

RER'S INSTRUCTIONS. ONTROL BASED ON

5 UNIT SHALL BE CONTROLLED VIA MANUFACTURER'S DDC NETWORK CONTROLLER TO INDOOR HARDWIRED CONTROLLER. PROVIDE DISCONNECT SWITCH FOR EACH MODULE, ROOF CURB EQUIPMENT SUPPORT RAILS, OIL TRAPS, FRAME CONNECTOR WHERE REQUIRED, AIR GUIDE, LOW AMBIENT BAFFLE KIT, BASE PAN HEATER,

PIPING AND ASSOCIATED APPURTENANCES. UNIT SHALL BE INSTALLED

0.3 208/1/6

1.8 208/1/60

7 PROVIDE ELECTRONIC EXPANSION VALVE KIT AND AHU/ERU COMMUNICATION CONTROL KIT (ONE FOR EACH DX COIL PROVIDED). ALL UNITS MUST HAVE BACNET COMMUNICATIONS TIED INTO BMS SYSTÉM CONTROLS. COMMUNICATION CONTROL KIT REQUIRES 208/1/60 POWER

2345

	S	CHEDUL	E OF	REGIS	TERS	AND	DIFFUS	SERS
MARK	TYPE	SERVICE	MODEL No. <b>1</b>	DIRECTION DISCHARGE	DAMPER TYPE	FINISH	TYPE	REMARKS
A	CEILING DIFFUSER	SUPPLY	620	DOUBLE DEFLECTION	OPPOSED BLADE	PER ARCH.	SURFACE	REFER TO 234
B	CEILING REGISTER	EXHAUST	735FF	_	OPPOSED BLADE	PER ARCH.	SURFACE	REFER TO 235
<u>(C)</u>	SIDEWALL REGISTER	SUPPLY	620	DOUBLE DEFLECTION	OPPOSED BLADE	PER ARCH.	LAY—IN	REFER TO 234
D	SIDEWALL REGISTER	EXHAUST	735FF	-	OPPOSED BLADE	PER ARCH.	SURFACE	REFER TO 235
E	CEILING GRILLE	TRANSFER	735FF	-	OPPOSED BLADE	PER ARCH.	SURFACE	REFER TO 235
(X)	EXISTING RE	GISTER/GRILLE						
······································								

N (1) AS MANUFACTURED BY "PRICE". INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE MOUNTING FRAME COMPATIBLE W/ MOUNTING SURFACE. COORDINATE ALL BORDER TYPES, COLORS, FINISHES AND DIMENSIONS WITH ARCHITECT.

4				PER 500 fpi		PANGE	5	RETUI (NOT			'E PER 675 fp	CFM F om)	RANGE	
50 TO 99	100 TO 299	300 TO 499	500 TO 799	800 TO 1199	1200 TO 1499	1500 TO 1999	50 TO 149	150 TO 249	250 TO 399	400 TO 599	600 TO 799	800 TO 1099	1100 TO 1199	1200 TO 2399
6x6	9x9	12x12	15x15	18x18	21X21	24X24	6x6	8X8	10X10	12X12	14X14	16X16	18X18	24X24

#### INDOOR UNIT INFORMATION SUPPLY FAN DATA TOTAL CAPACITY DIMENSION/WEIGHT GENERAL DATA CFM UNIT ELECTRIC COOLING/HEATING W IN.) H (IN.) LBS 234 0.2 208/1/60 SEE PLANS ARNU093TRD4 9.6/10.9 SEE PLANS *ARNU123TQD4* 0.2 208/1/6 12.3/13.6 0.2 208/1/6 19.1/21.5 ARNU183TQD4 (HP) SEE PLANS ARNU093TUD4 0.2 208/1/6 9.6/10.9 SEE PLANS 0.2 208/1/6 12.3/13.6 *ARNU123TUD4*

19.1/21.5

48.0/54.0

SCHEDULE OF INDOOR VRF HEAT PUMP UNITS

 $N \cap AS$  MANUFACTURED BY "LG ELECTRONICS". 1 INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

*ARNU183TTD4* 

ARNU483NKA4

SEE PLANS

PROVIDE MOUNTING HARDWARE, DISCONNECT SWITCH AND HARDWIRED REMOTE WALL MOUNTED PREMIUM CONTROLLER/THERMOSTAT, DRY CONTACTS FOR BACNet BMS CONTROLS, ULTRA LONG LIFE PLASMA FILTER KIT, VIBRATION ISOLATORS, SPACER FOR CEILING HEIGHT ADJUSTMENT, DECORATIVE CEILING COVER, INLET GRILLE KIT, DRAFT AIR FLOW CONTROLS, INTEGRAL E 3 BASED ON A.R.I. CERTIFIED COIL SELECTIONS; CONDENSAIL PUMP (FUK CASSELLE UNITS).

S REFRIGERANT R-410A, EER 12.4/SEER 25.9/HSPF10.3. PROVIDE FLOOR MOUNTED CONDENSATE PUMP LITTLE GIANT MODEL VCL-24ULS, 1/18HP, 120V/1PH/60HZ, 148 WATTS, WITH AUTOMATIC AHU SHUT DOWN ON OVERFLOW OR PUMP FAILURE.

Revision Schedule

Description

SED Submission

SED Submission Addendum#1

ISSUED FOR BID

BID ADDENDUM #1

Date

09/15/2020 01/08/2021

01/19/2021

01/29/2021

## Geddis Architects

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**Acoustic Consultant** DP DESIGN 12 Cold Spring Street 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

SCHEDULE

HIGH SCHOOL & MIDDLE SCHOOL

SEAL & SIGNATURE | DATE: PROJECT No: 9200 DRAWING BY: BGA

CHK BY: BGA DWG No: H2-301

									SCH	EDULE	OF EX	ISTING	AIR H	ANDLING	G UNIT	Τ										
		GENERAL DATA			FAN L	DATA			HEATING	DATA 3		COOLI	NG DATA	34	CONDE	ENSING UNIT	F	ILTER D	DATA	PHYSIC	CAL DATA	E	LECTRI	ICAL E	ATA	
MARK	SERVICE	MODEL NUMBER	OAI CFM MAX./MIN.	CFM	EXT. S.F IN H <sub>2</sub> O	P. FAN RPM	MOTOR HP	TOTAL CAP. MBH	ENT. AIR TEMP. DB °F	.LVG. AIR TEMP. DB °F	TOTAL CAP. MBH	SENSIBLE CAP. MBH	ENT. AIR TEMP. DB/WB *F	. LVG. AIR TEMP. DB/WB °F	MARK	SERVICE	QTY.	SIZE (IN.)	TYPE	WEIGHT (LBS.)	LxWxH (IN.)	FLA	MCA	МОР	SERVICE	REMARKS
AHU1 EXIST	AUXILIARY GYI	<i>_</i>	4500 1800	4500	1.0	_	_	205	40	110	170	120	78/65	55/54	<u>CU</u> 10	AUXILIARY GYM	_	-	MERV 13	-	_	_		<u> </u>	208/3/60	REFER TO  ②⑤
AHUZ EXIST	AUXILIARY GYI	<i>_</i>	4500 1800	4500	1.0	_	_	205	40	110	170	120	78/65	55/54	<u>CU</u> 12	AUXILIARY GYM	-	_	MERV 13	-	_	_		_	208/3/60	<b>2</b> 6

N 1 AS MANUFACTURED BY "CARRIER".

REFURBISH EXISTING UNITS TO INCLUDE STEAM CLEANING OF EXISTING UNIT COILS, REPLACEMENT OF ALL FILTERS WITH MERV 13 FILTERS, AIR BALANCING OF EXISTING FANS AND AIR OUTLETS, PROVIDE NEW DUCT MOUNTED DX COILS IN EACH OF THE FOUR DISTRIBUTION MAINS, INSTALL VRF TYPE CONDENSING UNITS ON ROOF WITH

CONNECTING REFRIGERANT PIPING AND CONTROLS FOR ASSOCIATED DX COILS.

LEARNING STUDIO 310 | CLASSROOM (AGES 9+)

LEARNING STUDIO 312 | CLASSROOM (AGES 9+

LEARNING COMMONS | CLASSROOM (AGES 9+)

CLASSROOM (AGES 9+)

LOBBIES

SGR 315

**ELEVATOR LOBBY 300** 

402

2240

105

80

150

0 (2) REFURBISH IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.

**F** (3) DESIGN AIR CONDITIONS: SUMMER: OA (94°F/75°F) RA (77°F/65°F); WINTER: OA (5°F/3°F) RA (70°F/55°F).

S A BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R-410A, SEER 12.0,

			SC	CHED	ULE	OF U	NIT H	<i>IEATER</i>		
MARK	MODEL No. 🕦	BTU/HR	CAPACIT EWT °F		GPM	MOTOR WATTS	ELECTRIC SERVICE		DATA WEIGHT (LBS)	REMARKS
UH A	HS-18	11725	160	140	1.0	9	120/1/60			REFER TO (1)(2)(3)(4)

N (1) AS MANUFACTURED BY "STERLING".

O INSTALL PER MANUFACTURER'S RECOMMENDATIONS

E CAPACITIES BASED ON HIGH SPEED FAN SETTING AND HW 160°F/140°F

5 (4) QUANTITIES AS IDENTIFIED ON HVAC DRAWINGS.

		SC	HED	)UL	Ε	OF	CA	BINE	T HE	EATER	S	
MARK	TYPE UNIT	MODEL N≗	CAP. BTU/HR	ACITY L CFM		<b>2</b> PD.FT.	MOTOR HP	MOTOR RPM	ELECTRIC SERVICE	PHYSICAL (IN)	DATA WEIGHT (LBS)	REMARKS
CH A	RECESSED CLG. MTD.	RC1200-03	21,900	265	3.0	0.77	1/15	1100	120/1/60	43Wx25Lx10H	125	REFER 10 234
CH B	RECESSED WALL MTD.	RW1120-03	21,900	265	3.0	0.77	1/15	1100	120/1/60	43Wx25Lx10H	125	REFER 10 234

N 0 AS MANUFACTURED BY "STERLING".
2 INSTALL PER MANUFACTURER'S RECOMMENDATIONS

CAPACITIES BASED ON LOW SPEED FAN SETTING AND HW 160°F/140°F

4 PROVIDE THROWAWAY FILTERS, DISCONNECT SWITCH, TWO ROW COIL, REMOTE THERMOSTAT/FAN CONTROLS, ELECTRONICALLY COMMUTATED MOTOR (ECM), OPTIONAL COLOR/FINISH SELECTED BY ARCHITECT, INTEGRAL SPEED CONTROL SWITCH FIELD MOUNTED, RECESSED TRIM

	SCH	HEDU	JLE C	DF (	CON	IVE	CTOR	PS
MARK	MODEL No. 🛈	MBH	GPM	D P	PHYSICA L	L DA H	TA WEIGHT	REMARKS
CONV	SF-A	3.5	1.0	4"	<i>36"</i>	26"	50	REFER TO
CONV	SF-A	8.0	2.0	6"	48"	32"	<i>75</i>	23
CONV	SF-A	11.0	2.0	6"	64"	32"	100	23

N (1) AS MANUFACTURED BY "STERLING". (2) INSTALL PER MANUFACTURER'S RECOMMENDATIONS

(3) CAPACITIES BASED ON 150° A.W.T.

SC	HEDULE	OF EX	PANSION	V TANK
MARK	MODEL N≗ <b>⊙</b>	TANK VOLUME GALS.	ACCEPTANCE VOLUME GALS.	REMARKS
ET 1	B-400	106	106	REFER TO 23

(1) AS MANUFACTURED BY "BELL & GOSSETT".

T (2) INSTALL PER MANUFACTURER'S RECOMMENDATIONS. 3 VERTICAL MOUNTING 125PSI ASME TANK, DIMENSIONS 24"x65"H / 1200LBS.

			SC	HED	ULE	OF	DU	CT N	10UN	ITED I	HEATI	NG	CO	ILS		
	GENERAL	DATA			SIZE				Al	R SIDE				WATER	SIDE	
MARK	BUILDING	SERVICE	WIDTH (IN.)	HEIGHT INCHES	FACE AREA (FT²)	ROWS	FINS PER INCH	CFM	MBH	PRESS DROP ("WC)	VELOCITY FPM	E.A.T. *F	L.A.T. *F	FLOW RATE (GPM)	PRESS DROP Δ HEAD (FT)	REMARKS
$\frac{HC}{1}$	HIGH SCHOOL	ERU 1	ı	_	_	2 MINIMUM	12 MAXIMUM	6600	435	0.2" MAX	600 MAX.	10	70	STEAM	5 FT. MAX	REFER TO 123
$\frac{HC}{2}$	HIGH SCHOOL	ERU 2	-	_	-			6600	435					STEAM		
$\frac{HC}{3}$	HIGH SCHOOL	ERU 3	ı	-	-			600	36					STEAM		
HC 4	HIGH SCHOOL	ERU 4	ı	-	_			400	27					3.0		
(HC) 5	HIGH SCHOOL	ERU 5	-	-	-			200	14					2.0		
$\frac{HC}{6}$	HIGH SCHOOL	ERU 6	ı	_	-			6000	396					40.0		
(HC) 7	MIDDLE SCHOOL	ERU3 EXIST	ı	-	_			8000	528					53.0		
HC 8	HIGH SCHOOL	ERU 8	-	-	-			1500	99					10.0		
(HC)	HIGH SCHOOL	ERU 9	-	_	_			400	27					3.0		
(HC)	MIDDLE SCHOOL	ERU 11	_	_	-		•	400	27	•	V	•	•	3.0		

PROVIDE INSPECTION AND CLEANING DUCT ACCESS DOOR ON UPSTEAM SIDE OF COIL.

THE HOT WATER COIL IS SIZED TO HANDLE OUTDOOR AIR QUANTITIES AT 100 PERCENT OF OCCUPANCY WITHOUT HAVING TO RESORT TO CLOSING OUTDOOR AIR INTAKE DAMPERS ON A "DESIGN HEATING DAY" TO PREVENT FREEZE-UP.

			SC	CHEL	DULE	OF	B	OILERS		
В	OILER DATA	4	BURI	VER DAT	TA .	ELECTR	ICAL	PHYSICAL	DATA	
MARK	LOCATION	MODEL Nº ①	INPUT (MBH)	OUTPUT (MBH)	FUEL	SERVICE	MCA	(IN)	WEIGHT (LBS)	REMARKS
B B B B 5 6	BOILER ROOM	ENDURA 1000	1000	902	GAS	120/1/60	20	28Wx51Lx68H	2000	REFER TO 23456

 ${\sf N}$  (1) as manufactured by "fulton".

2 BURNER INTEGRAL TO BOILER. [ 3] INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

BOILER INSTALLATION SHALL CONFORM TO ALL REQUIREMENTS OF INSURANCE UNDERWRITER, NFPA AND ALL AUTHORITIES HAVING JURISDICTION. BOILERS SHALL BE FULLY FIELD COMMISSIONED BY AUTHORIZED TECHNICIAN FOR THE TYPE OF GAS FIRED (LPG OR NG). IF THE TYPE OF GAS IS CHANGED AFTER STARTUP 6 HOT WATER BASED ON 140°F E.W.T., 160°F L.W.T. THE BOILERS SHALL BE FULLY RE-COMMISSIONED BY AUTHORIZED TECHNICIAN.

5 PROVIDE MANUFACTURER RECOMMENDED COMBUSTIO EXHAUST VENT PIPING, VENT PIPE CONDENSATE DRA LIMIT CONTROL, DUAL LOW WATER CUT OFFS, OUTDO TEMPERATURE SENSOR KIT, MULTIPLE BOILER CONDI NEUTRALIZER PACKAGE. VENT PIPING PER THIS MAN AL-29-4C OR 316L, BACNET CONTROLS, DISCONNE LAG CONTROLS, MOTORIZED ISOLATION VALVES, BOILE START/STOP SIGNAL, VENTLESS GAS TRAIN, MODSYN

				SC	HEL	DULE	OF	EXIS	STING	STE	AM BO	DILERS	5	
		BOILER DATA	4				BURN	IER DATA				INDUCED DRA	AFT FAN DATA	
MARK	SERVICE	MODEL Nº ①	NUMBER OF SECTIONS	MODEL Nº ②	OUTPUT (BHP)	OUTPUT (MBH/HR)	BOILER EFFICIENCY	FIRING RATE OIL (GPH)	FIRING RATE GAS (MBH)	BURNER MOTOR HE	OIL PUMP MOTOR HP	MODEL Nº ③	MOTOR HP	REMARKS
BOILER #1	ORIG.BLDG. & ADDITION	6500 -S-21	21	C7-G0-30	325	8463	83.7%	92	_	7 1/2 (208/3/6	3/4 )) (208/3/60)	24C30D-3	3 (208/3/60)	
BOILER #2														
BOILER #3	V	•	<b>T</b>	<b>V</b>	V	<b>\</b>	V	•	<b>V</b>	<b>V</b>	<b>\</b>	V		

SCHEDULE OF PUMPS REMARKS REFER TO 23 30/21 | 460/3/60 MECHANICAL 1800 25Wx56Lx30H REFER TO 23 MECHANICAL 900 1Wx52Lx24h REFER TO 23 1Wx52Lx24F 900 REFER TO 23 SERIES E-80 **MECHANICAL** 2Wx25Lx29H 300 4x4x9.5B REFER TO 4

 $\bigcap_{C}$   $\bigcap_{C}$  AS MANUFACTURED BY "BELL & GOSSETT".  $m{ au}$  (2) INSTALL PUMPS PER MANUFACTURER'S RECOMMENDATIONS. EXISTING PUMPS SHALL BE INSPECTED, REFURBISHED TO EXISTING DESIGN CONDITIONS. REPAIR PUMPS AS REQUIRED IF FOUND NOT OPERATING PROPERLY. PROVIDE INITIAL WATER BALANCING REPORT

PRIOR\_TO HEAT EXCHANGER DEMOLITION FOR BASELINE OF EX

		•	_	•											·	•
				•	SCH	EDU	LE	OF	UNIT	VE	NTIL	AT	OR.	S		
	MODEL		MIN.	COOLING			ING DA	TA 2	FILTER		FLEC	110705			PHYSICAL DATA	
MARK	No.	CFM	O.A. CFM	TOTAL CAPACITY MBH	SENSIBLE CAPACITY MBH	CAPACITY MBH	GPM	ROWS		MOTOR H.P.	SERV.		MCA	MOP	DIMENSION / WEIGHT	REMARKS
UV A	FRESHMAN ① HNA1000BC	1000	550	-	_	76	5	2	THROWAWAY (2)12"x20"x2"	0.5 EA	208/1/60	4.7	9.5	15	40"Lx35"Wx115"H/600LBS	REFER TO
UV B	FRESHMAN ① HNA1800BC	1750	550	ı	_	76	5	2	THROWAWAY (2)12"x20"x2"	0.5 EA	208/1/60	4.7	14.4	20	47"Lx35"Wx115"H/600LBS	34
UV C	MAUV1500	1500	1055	_	_	84	9	3	THROWAWAY	0.5	115/1/60	4.7	5.9	15	100"Lx22"Wx30"H/750LBS	<b>33</b>
			·		·	·	·	·			·					

O 6 AS MANUFACTURED BY "MAGIC AIRE CORP". T (2) BASED ON 160° F E.W.T., 140° F L.W.T.

ACOUSTICALLY LINED SUPPLY PLENUM WITH MULTIPLE REGISTERS, FIELD ERECTED GRILLE WITH SCREEN, INSULATED OUTSIDE AIR DAMPER, FACE TOP EXTENSION SECTIONS TO CEILING, MODULATING ECONOMIZER (100% OA) AND BYPASS DAMPER, 2" MERV 8 FILTERS. E 3 INSTALL PER MANUFACTURER'S RECOMMENDATIONS CONTROLS, POWERED EXHAUST, FIELD ERECTED REAR PLENUM SECTIONS, FULL

SIZE LOUVER, BACNET CONTROLLER, ISOLATION VALVES, STRAINERS, PT PORTS, BRAIDED HOSE-KIT, 2" THICK MERV 13 FILTERS, SIDE PIPE COVERS, FULL HEIGHT SIDE PANELS FROM UNIT TO WALL AND TOP/BOTTOM TRIM/COVE BASE PIECES. (ALL EXTENSIONS, PANELS, PIPE ENCLOSURÉS AND TRIM/COVE BASE PIECES SHALL MATCH UNIT COLOR AND FINISH).

N AIR INTAKE AND AIN, HIGH/LOW OOR AIR ENSATE UFACTURER SCT SWITCH, LEAD ER PUMP IC CONTROL PANEL.	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	FACTURED BY "H. FACTURED BY "PO	OWERFLAME".		<b>V</b>						
			SCHEDUL	LE OF MINIMU	JM VENTILATIO	N ROOM FLOV	V RATES				
		A	В	С	D	E	F	G	Н	ı	
ROOM NAME/NUMBER	OCCUPANCY CATEGORY	ROOM AREA (SQ.FT.)	PEOPLE DENSITY (#P/1000 SQ.FT.)		AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE (CFM/SQ.FT.)	, EVHALIST AID ELOW DATE	NUMBER OF PEOPLE (A×B)÷1000=#P	OUTDOOR AIR FLOW RATE WITHOUT ZONE EFFECTIVENESS FACTOR (F×C)+(A×D)=CFM	ZONE AIR	MINIMUM ROOM VENTILATION AIR FLOW RATE G÷H=CFM	MINIMUM EXHAUST AIR FLOW RATE A×E=CFM
H203											
CLASSROOM 191	CLASSROOM (AGES 9+)	743	35	10	0.12	0	27	359	0.8	449	0
CONFERENCE ROOM 102	CONFERENCE/MEETING	377	50	5	0.06	o	19	118	0.8	147	0
OFFICE 112	OFFICE SPACE	99	5	5	0.06	0	1	11	0.8	14	0
OFFICE 116	OFFICE SPACE	105	5	5	0.06	0	1	11	0.8	14	0
NURSE 118	OFFICE SPACE	115	5	5	0.06	0	1	12	0.8	15	0
TOILET 118A	TOILETS - PUBLIC	53	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
ROOM 143I	BREAK ROOMS	50	50	5	0.12	0	3	21	0.8	26	0
H204											
MUDDLE SCHOOL GVM	CVM SPORTS ARENA	I		1		I				1	

H203											
CLASSROOM 191	CLASSROOM (AGES 9+)	743	35	10	0.12	О	27	359	0.8	449	О
CONFERENCE ROOM 102	CONFERENCE/MEETING	377	50	5	0.06	0	19	118	0.8	147	0
OFFICE 112	OFFICE SPACE	99	5	5	0.06	0	1	11	0.8	14	0
OFFICE 116	OFFICE SPACE	105	5	5	0.06	0	1	11	0.8	14	0
NURSE 118	OFFICE SPACE	115	5	5	0.06	0	1	12	0.8	15	0
TOILET 118A	TOILETS - PUBLIC	53	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
ROOM 1431	BREAK ROOMS	50	50	5	0.12	0	3	21	0.8	26	0
H204											
MIDDLE SCHOOL GYM 131	GYM, SPORTS ARENA (PLAY AREA)	6287	7	20	0.18	0.5	45	2032	0.8	2540	3144
H205											
LEARNING COMMONS 143	MEDIA CENTER	1996	25	10	0.12	o	50	740	0.8	924	0
OFFICE 141A	OFFICE SPACE	253	5	5	0.06	0	2	25	0.8	31	0
CLASSROOM 136	CLASSROOM (AGES 9+)	677	35	10	0.12	0	24	321	0.8	402	0
GLASSROOM 138	CLASSROOM (AGES 9+)	677	35	10	0.12	0	24	321	0.8	402	0
CLASSROOM 140	CLASSROOM (AGES 9+)	677	35	10	0.12	0	24	321	0.8	402	0
TEACHER WORKROOM 145	CLASSROOM (AGES 9+)	756	35	10	0.12	o	27	361	0.8	451	0
H206											
HICH SCHOOL GYM 179	GYM, SPORTS ARENA (PLAY AREA)	8987	7	20	0.18	0.5	63	2878	0.8	3597	4494
AUXILARY GYM 177	GYM, SPORTS ARENA (PLAY AREA)	5507	7	20	0.18	0.5	39	1771	0.8	2214	2754
H207											
CAFETERIA	CAFETERIA/FAST-FOOD DINING	4488	100	7.5	0.18	o	449	4175	0.8	5219	0
H209											
CLASSROOM 221	CLASSROOM (AGES 9+)	691	35	10	0.12	0	25	333	0.8	416	О
CLASSROOM 223	CLASSROOM (AGES 9+)	691	35	10	0.12	0	25	333	0.8	416	0
CLASSROOM 225	CLASSROOM (AGES 9+)	691	35	10	0.12	0	25	333	0.8	416	О
CLASSROOM 224	CLASSROOM (AGES 9+)	920	35	10	0.12	0	33	440	0.8	551	О
CLASSROOM 226	CLASSROOM (AGES 9+)	716	35	10	0.12	0	26	346	0.8	432	О
CLASSROOM 218	CLASSROOM (AGES 9+)	1040	35	10	0.12	0	37	495	0.8	619	0
CLASSROOM 220	CLASSROOM (AGES 9+)	1030	35	10	0.12	0	37	494	0.8	617	0
CLASSROOM 222	CLASSROOM (AGES 9+)	908	35	10	0.12	0	32	429	0.8	536	0
H210											
OFFICE 239	OFFICE SPACE	870	5	5	0.06	0	5	77	0.8	97	0
OFFICE 240	OFFICE SPACE	870	5	5	0.06	0	5	77	0.8	97	О
11044		l									1

0.12

0.12

0.12

0.06

1059

79

12

0.8

0.8

0.8

1324

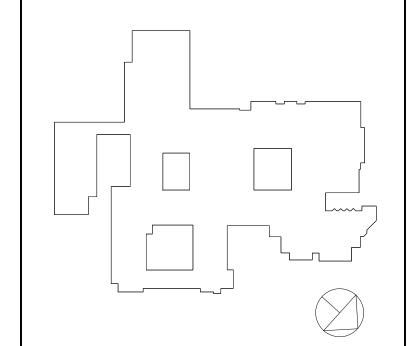
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Revision Schedule Description SED Submission

BID ADDENDUM #1

Date 09/15/2020 01/08/2021 SED Submission Addendum#1 ISSUED FOR BID 01/19/2021



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> Construction Manager SAVIN ENGINEERS, P.C. 3 Campus Drive Pleasantville, NY 10570

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Acoustic Consultant DP DESIGN 12 Cold Spring Street 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

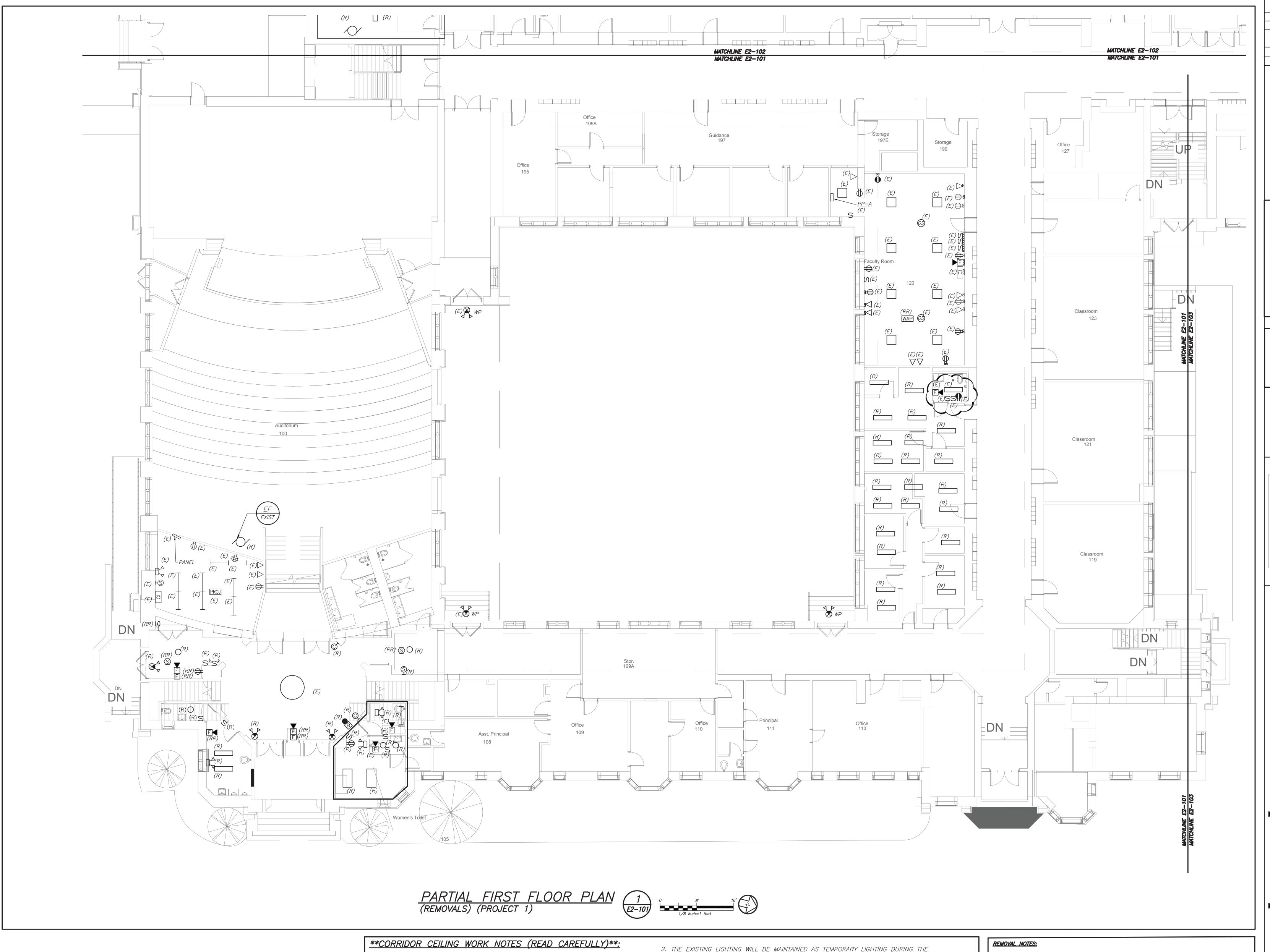
HIGH SCHOOL & MIDDLE SCHOOL SCHEDULE

SEAL & SIGNATURE | DATE:

PROJECT No: 9200 DRAWING BY: BGA CHK BY: BGA DWG No: H2-302

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

DBE: TAB: Layout1 - Y:\RYE CITY SD\Rye CSD - 2019 Bond - Phase 2 (1937.00)\Drawings\HVAC\a193700H-302-MHS.dwg - DATE: Jan 28, 2021 - 2:31pm



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

BOTH SIDES OF THE CORRIDOR. THE CENTER OF THE CORRIDOR HAS

CEILING REMOVAL. THIS CONTRACTOR SHOULD ANTICIPATE THAT THERE WILL BE

APPROXIMATELY 2-20 CABLES ALONG THE WALL AGAINST THE CLASSROOMS ON

VOLTAGE CABLES. INCLUDE THE REWIRING OF APPROXIMATELY 36 - 200'-0"

ALARM, SECURITY, CAMERAS, AND MECHANICAL EQUIPMENT CONTROL WIRING.

LENGTH LOW VOLTAGE CABLES TO ALLOW CLEARANCE FOR HVAC DUCTWORK AND

PIPING. THE LOW VOLTAGE CABLE TYPE CONSISTS OF DATA, TELEPHONE, PA, FIRE

APPROXIMATELY 30 TO 50 LOW VOLTAGE CABLES AND 5 TO 10 MC ARMORED LINE

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 START 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.

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.

ISSUED FOR BID 01/19/2021 4 BID ADDENDUM #1

**Revision Schedule** 

Description

SED Submission

SED Submission Addendum#1

Date

09/15/2020

01/08/2021

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> Acoustic Consultant DP DESIGN 12 Cold Spring Street Providence, RI 401-861-3218

SED #: 6618-0001-0005-031

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

Rye High School & Middle School

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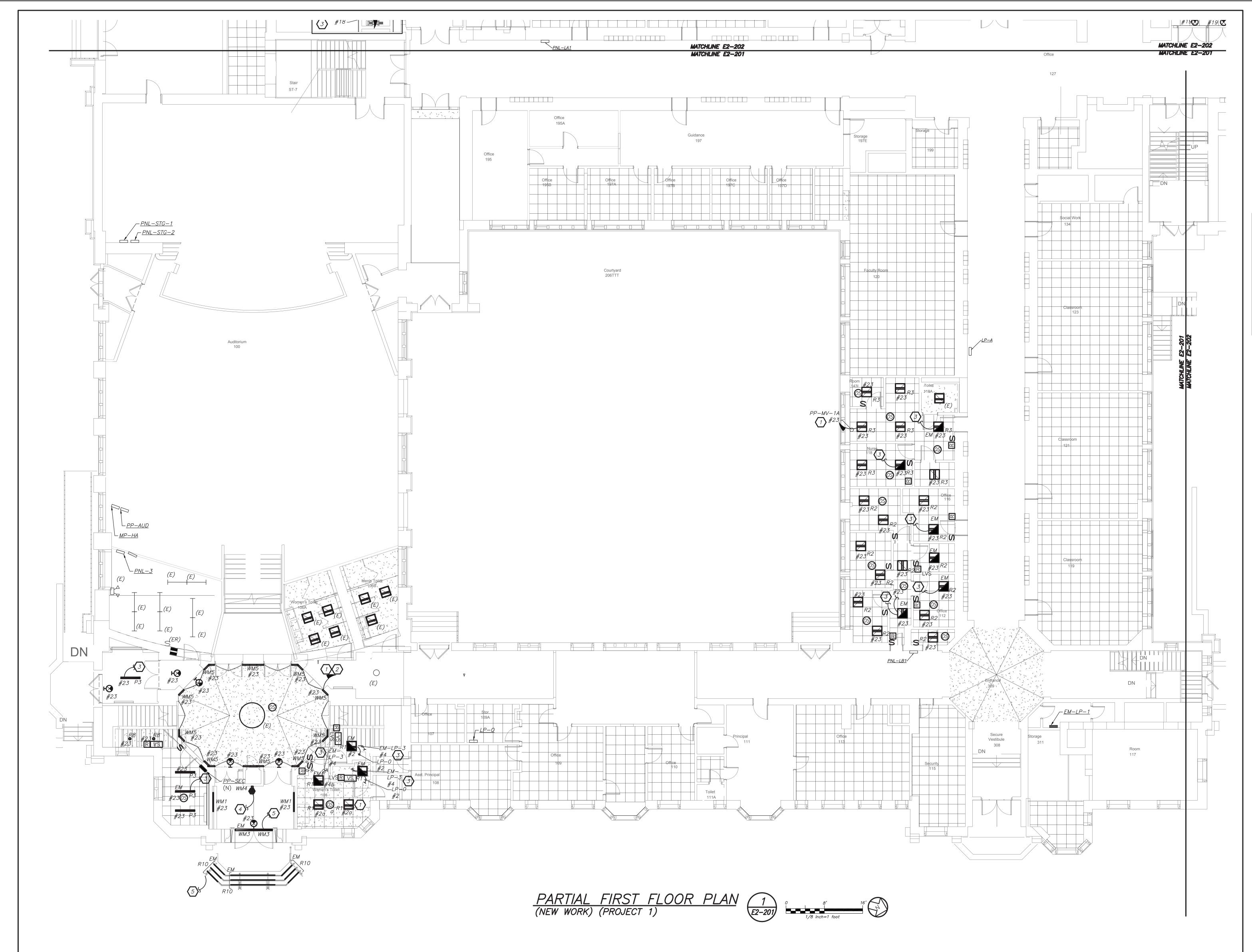
HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR REMOVAL PLAN

PROJECT 1

SEAL & SIGNATURE DATE: 11/07/19

PROJECT No: 9200 DRAWING BY: BGA CHK BY: BGA DWG No: E2-101

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



### 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 NUMBERS FOR CONTRACTOR GUIDANCE ONLY. WIRE LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.

MADE SPARE BY DEMO WORK.

(2) WIRE NEW CORRIDOR LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.

WIRE EMERGENCY LIGHTING TO EMERGENCY LIGHTING CIRCUIT IN AREA.

ELECTRICAL CONTRACTOR TO REFURBISH AND REWIRE EXISTING HISTORIC FIXTURE. RELOCATE FIXTURE TO BE MOUNTED ON PROPOSED BRACKET.

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

 Revision Schedule

 No.
 Description
 Date

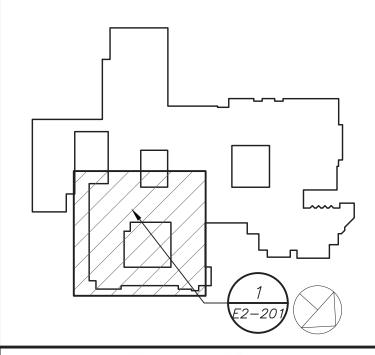
 1
 SED Submission
 09/15/2020

 2
 SED Submission
 01/08/2021

 Addendum#1
 01/19/2021

 3
 ISSUED FOR BID
 01/19/2021

 4
 BID ADDENDUM #1
 01/29/2021



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SED #: 6618-0001-0005-031

### PROJEC

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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: **E2-201** 

#### **WORK NOTES:**

1 NOT USED

CIRCUIT NEW EMERGENCY LIGHTING TO EXISTING EMERGENCY CIRCUIT SERVING CORRIDOR. EC TO CONFIRM CIRCUIT IN FIELD. PROVIDE 2#12+1#12G IN 3/4"C FROM NEW LIGHTS TO EXISTING 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"C FROM SOURCE PANELBOARD TO FEED NEW LIGHT FIXTURES. PROVIDE NEW KEY SWITCH AS SHOWN.

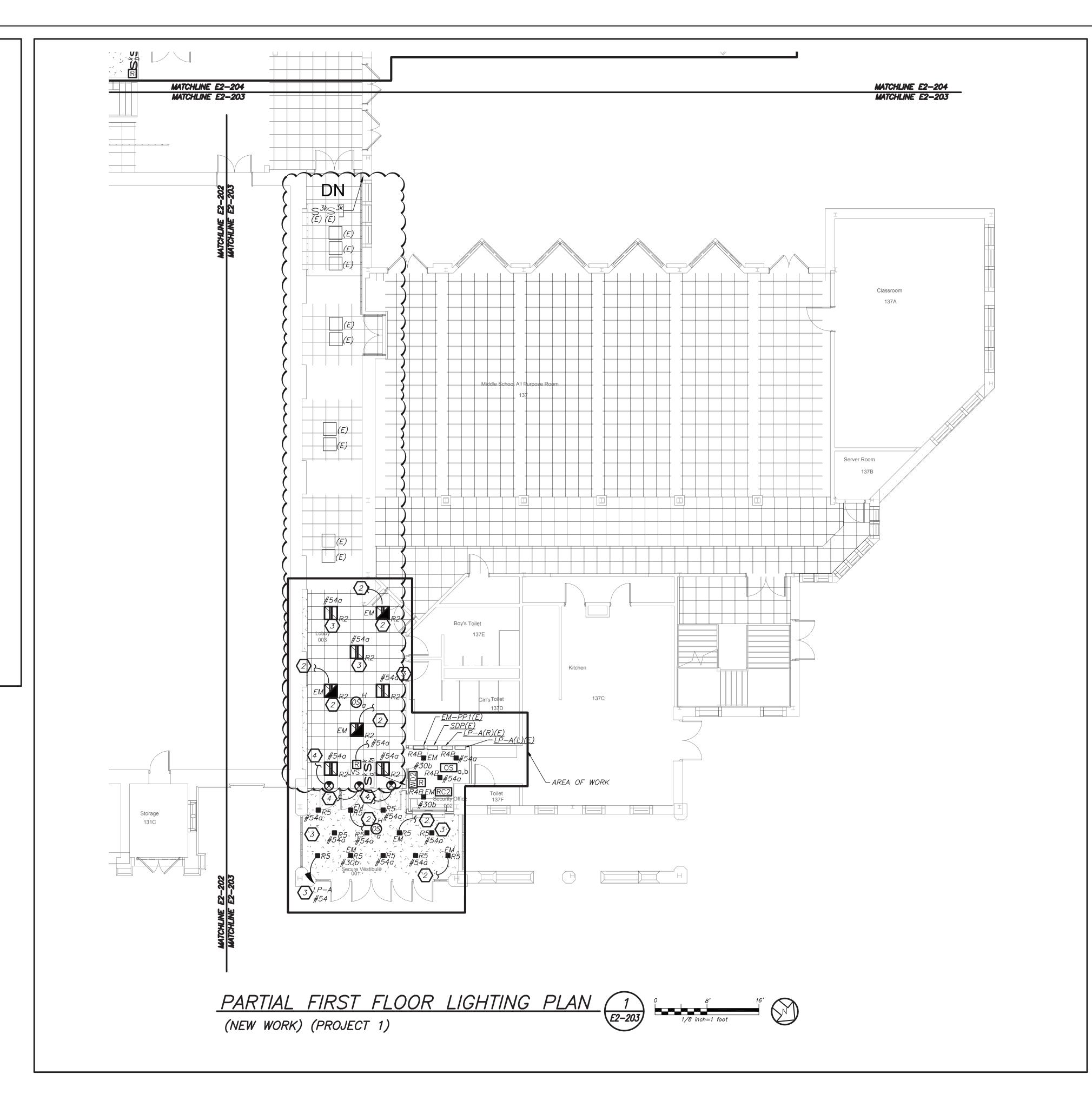
4 CIRCUIT EXIT LIGHTS TO THE EM LIGHTING CIRCUIT IN THIS AREA, AHEAD OF ANY SWITCHING.

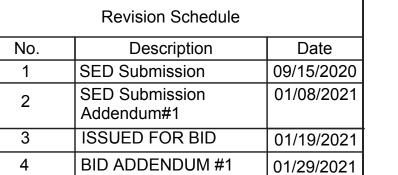
#### LIGHTING CONTROL AND SEQUENCE OF OPERATION:

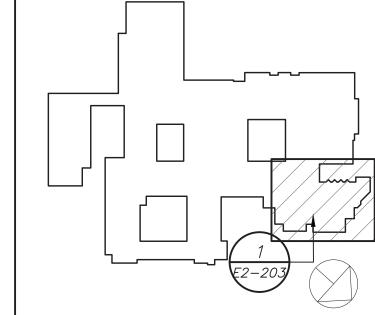
- 1. NEW LEARNING COMMONS ILAB ARE CONTROLLED VIA MANUAL ON DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. IT CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C' 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL 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 SCHEDULF.
- 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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Albany, NY 12205
518-463-4400

Acoustic Consultant
DP DESIGN
12 Cold Spring Street
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

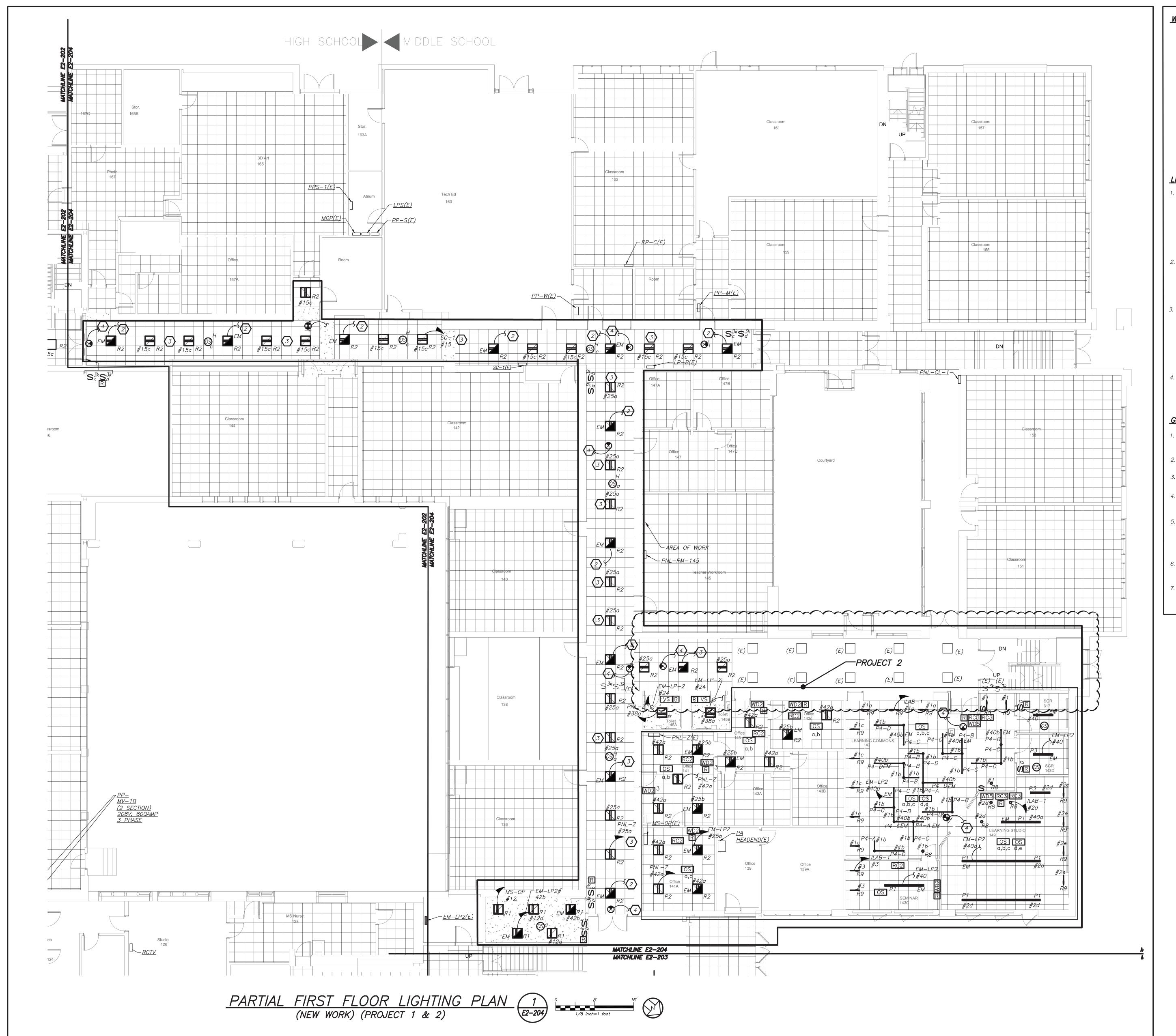
HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR LIGHTING PLAN

PROJECT 1

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

E2-203

OF ALL OTHER CONTRACTORS



#### **WORK NOTES:**

- 2) 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"C FROM SOURCE PANELBOARD TO FEED NEW LIGHT
- (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"C FROM SOURCE PANELBOARD TO FEED NEW LIGHT FIXTURES.
- CIRCUIT EXIT LIGHTS TO THE EM LIGHTING CIRCUIT IN THIS AREA, AHEAD OF ANY SWITCHING.

- 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.
- 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. UL 924 EMERGENCY LIGHTING RELAY ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF EMERGENCY.

- 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
- . NORMAL SIDE SENSING LINE ON ALL EMERGENCY LIGHTING RELAY SHALL BE CIRCUITED TO THE NORMAL LIGHTING CIRCUIT IN THE ROOM/AREA IT SERVES.
- 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
- ALL EXIT LIGHTS SHALL BE CIRCUITED TO NORMAL
- AVAILABLE PRIOR TO INSTALLATION.

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

### LIGHTING CONTROL AND SEQUENCE OF OPERATION:

- NEW LEARNING COMMONS ILAB ARE CONTROLLED VIA MANUAL
- 2. SMALL GROUP ROOMS ARE CONTROLLED VIA DIMMER SWITCH
- 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 ÁS LOCAL ZONES.

#### **GENERAL NOTES:**

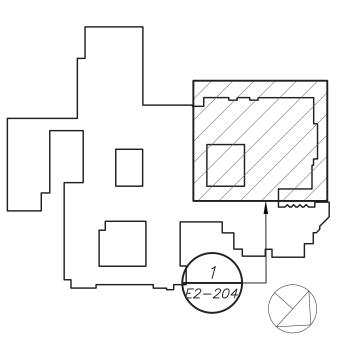
- REFER TO DRAWING E2-701 AND E2-702 FOR LIGHTING CONTROL WIRING DIAGRAMS AND DETAILS.
- DETAILS ON DRAWING E2-702.
- LIGHTING CIRCUIT IN THE AREA, AHEAD OF ANY
- SET LIGHTING CONTROL SENSORS TO HIGHEST SENSITIVITY

Revision Schedule Description

Date SED Submission 09/15/2020 01/08/2021 SED Submission Addendum#1 ISSUED FOR BID 01/19/2021

01/29/2021

4 BID ADDENDUM #1



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Acoustic Consultant DP DESIGN 12 Cold Spring Street 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 PART FIRST FLOOR LIGHTING PLAN

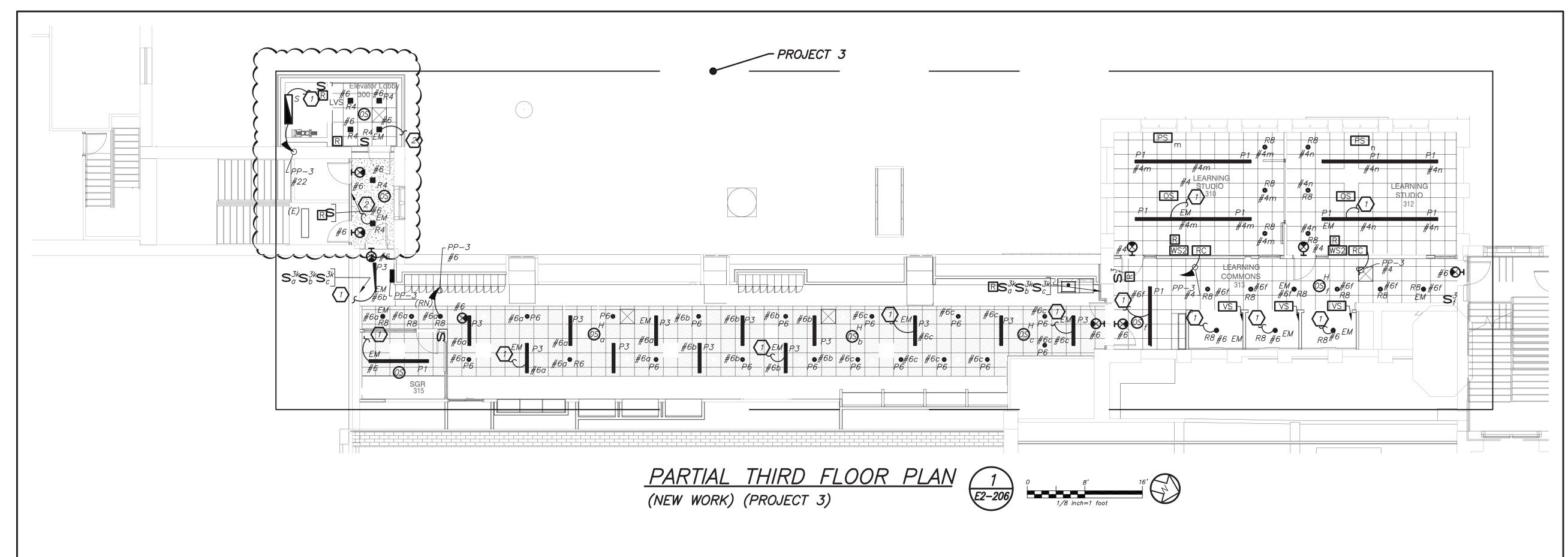
### PROJECT 1 & 2

SEAL & SIGNATURE DATE: DRAWING 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



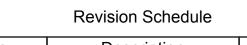
#### LIGHTING CONTROL AND SEQUENCE OF OPERATION:

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:**

CIRCUIT FIXTURE TO EMERGENCY LIGHTING CIRCUIT IN THE AREA.

CIRCUIT FIXTURE TO STAIRWAY EMERGENCY LIGHTING CIRCUIT AND CONTROLS.



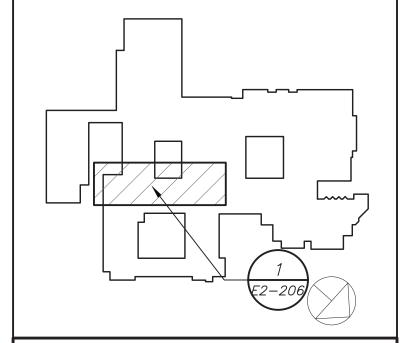
 No.
 Description
 Date

 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

1 Parsons Street, Rye, New York 10580

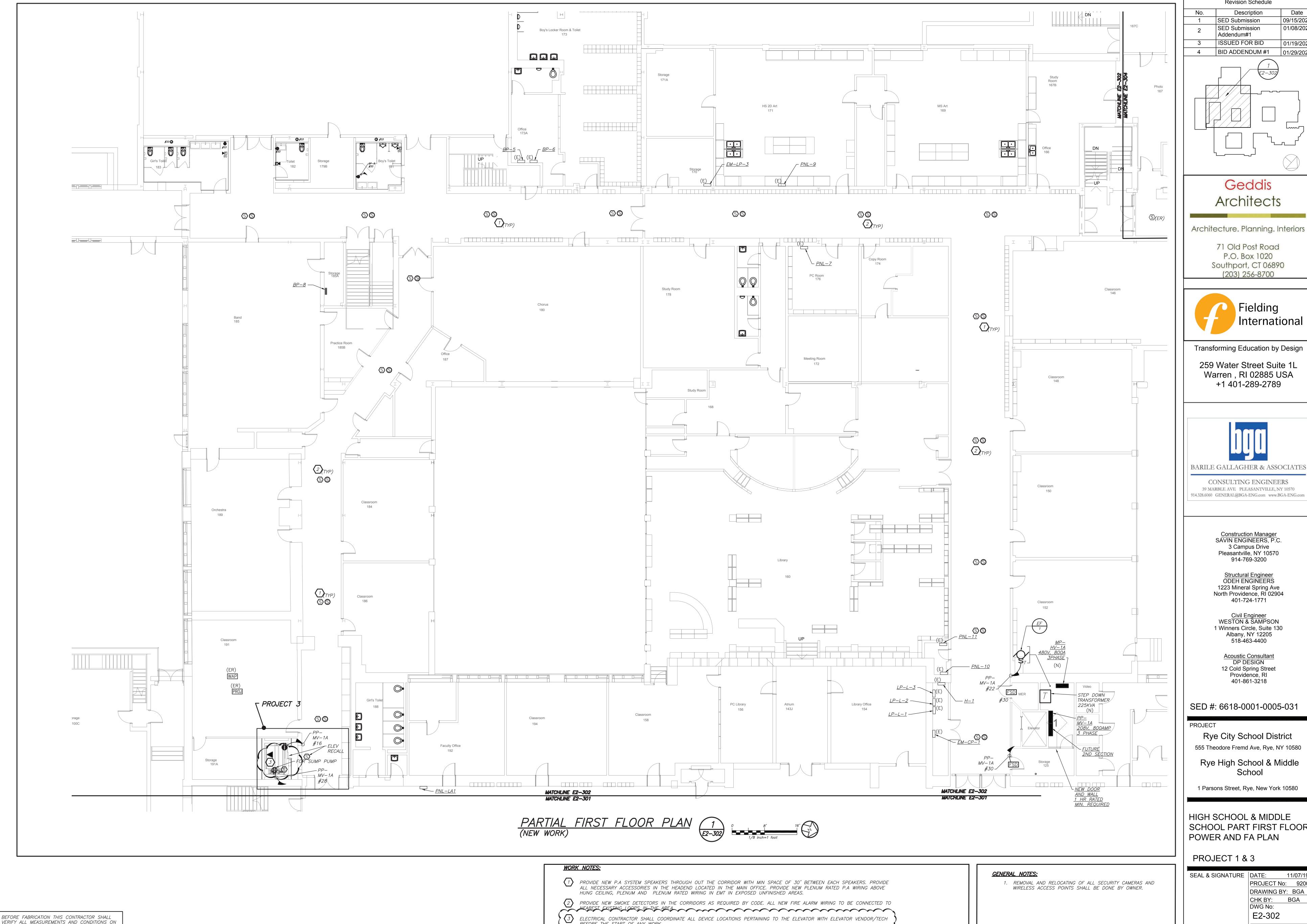
HIGH SCHOOL & MIDDLE SCHOOL PART THIRD FLOOR LIGHTING PLAN

PROJECT 3

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

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

OF ALL OTHER CONTRACTORS



BEFORE THE START OF ANY WORK.

VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK

OF ALL OTHER CONTRACTORS

Revision Schedule

Description

Date

09/15/2020

01/08/2021

01/19/2021

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SED #: 6618-0001-0005-031

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

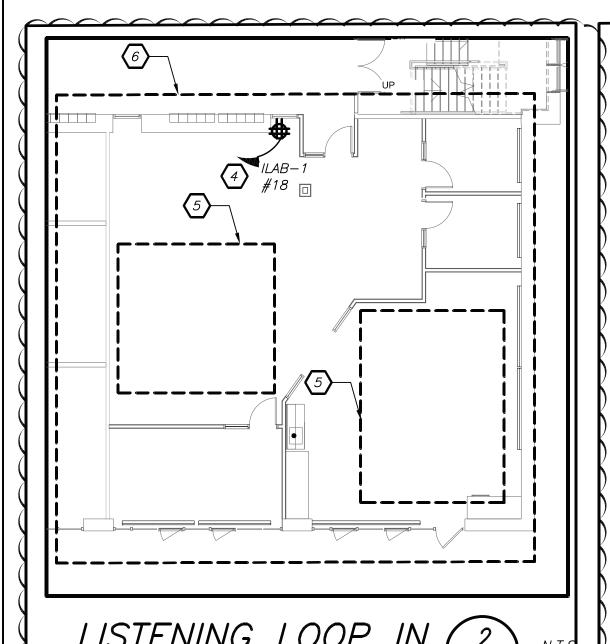
Rye High School & Middle School

1 Parsons Street, Rye, New York 10580

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

PROJECT 1 & 3

SEAL & SIGNATURE DATE: PROJECT No: 9200 DRAWING BY: BGA DWG No: E2-302



# LISTENING LOOP IN ILAB (PROJECT 2)

#### 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 FOR BRANCH CIRCUITING INFORMATION.
- 3. 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.
- 5. 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 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 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
- PROVIDE POWER FOR TELE—COIL LOOP AMPLIFIER.

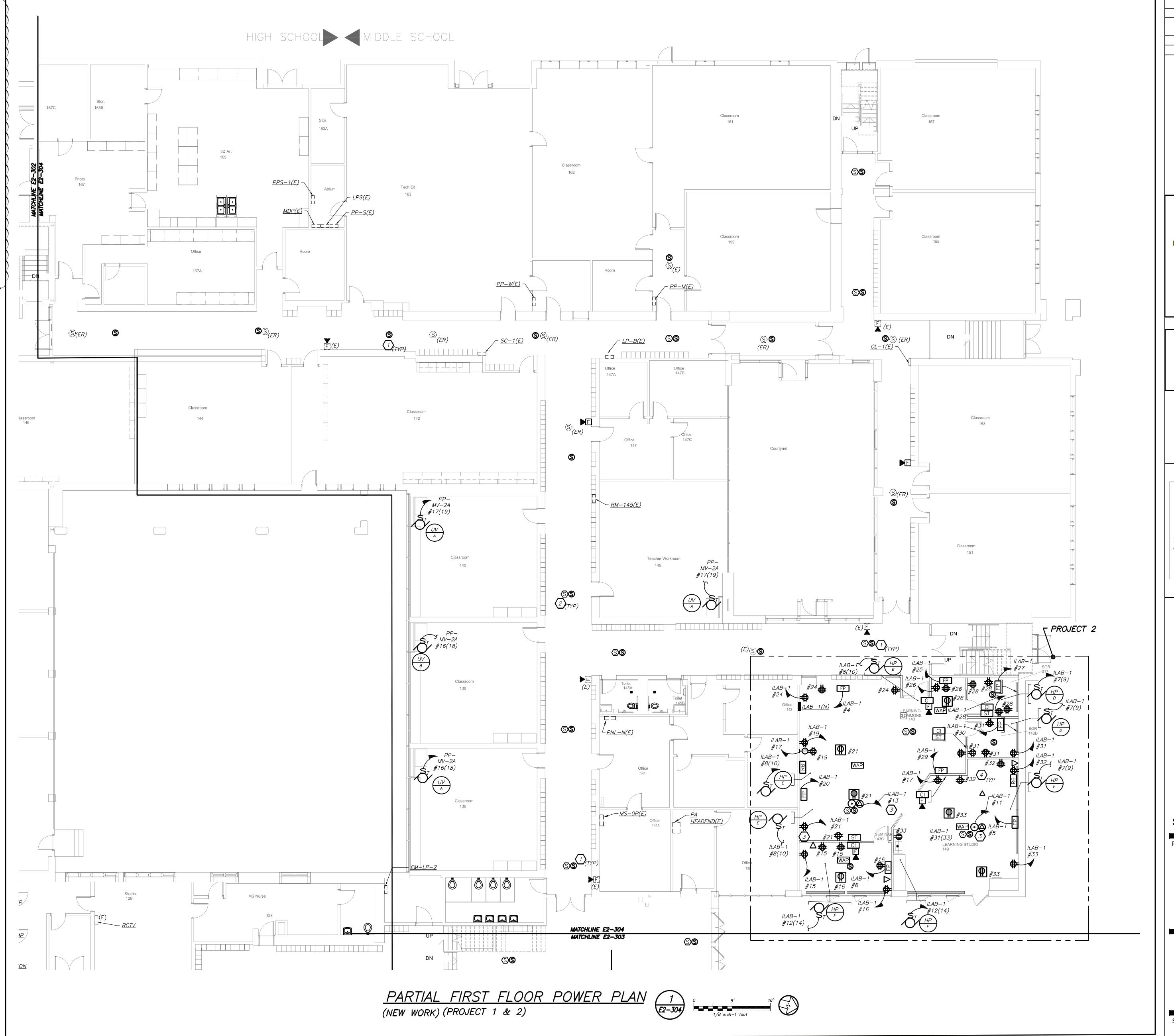
  5 ELECTRICAL CONTRACTOR SHALL SCORE THE FLOOR AND

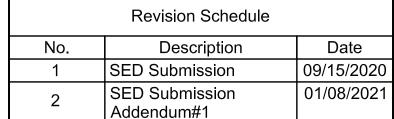
DISTRICT AND CONSTRUCTION MANAGER.

FURNISH AND INSTALL TELECOIL LOOP. REFER TO AVE2
DRAWINGS FOR MORE DETAILS ON THE TOTAL SCOPE OF WORK
INCLUDING 27000 SECTION OF SPECIFICATION.

6 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

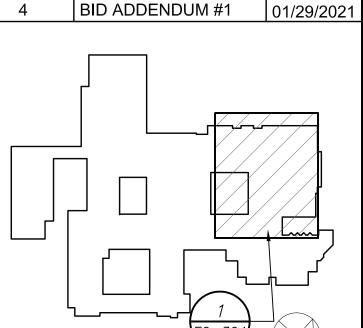
SPECIAL NOTE: THIS CONTRACTOR SHALL RECEIVE SIGN—OFF FROM AV CONSULTANT AND ARCHITECT BEFORE THE START OF ANYWORK OF THE EXACT LOCATION OF ALL DEVICES, RECEPTACLES, JUNCTION BOXES, FLOOR BOXES, ETC SHALL BE MOUNTED WITHIN ILAB. IF ELECTRICAL CONTRACTOR DOES NOT RECEIVE WRITTEN CONFIRMATION IT WILL BE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





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01/19/2021



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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

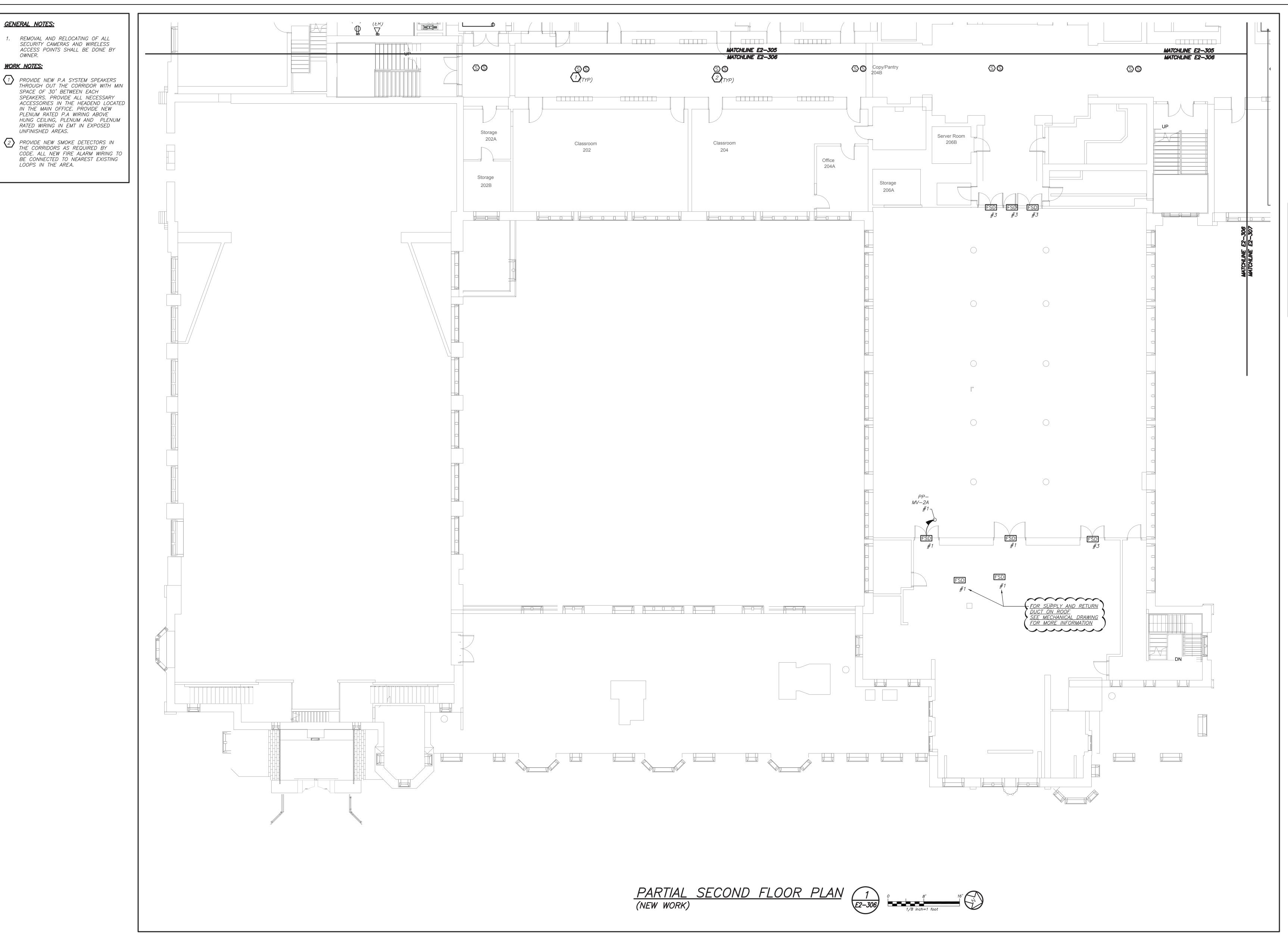
HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR POWER AND FA PLAN

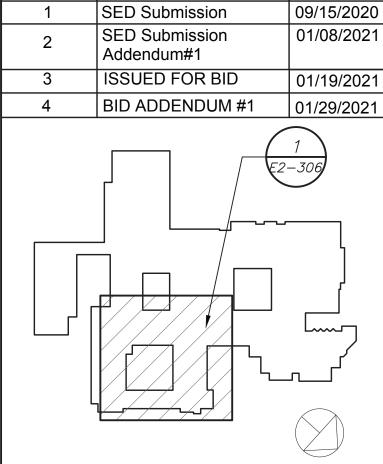
PROJECT 1 & 2

SEAL & SIGNATURE DATE: 11/07/19

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

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

Description

Date

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SED #: 6618-0001-0005-031

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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 DWG No: E2-306

**GENERAL NOTES:** 

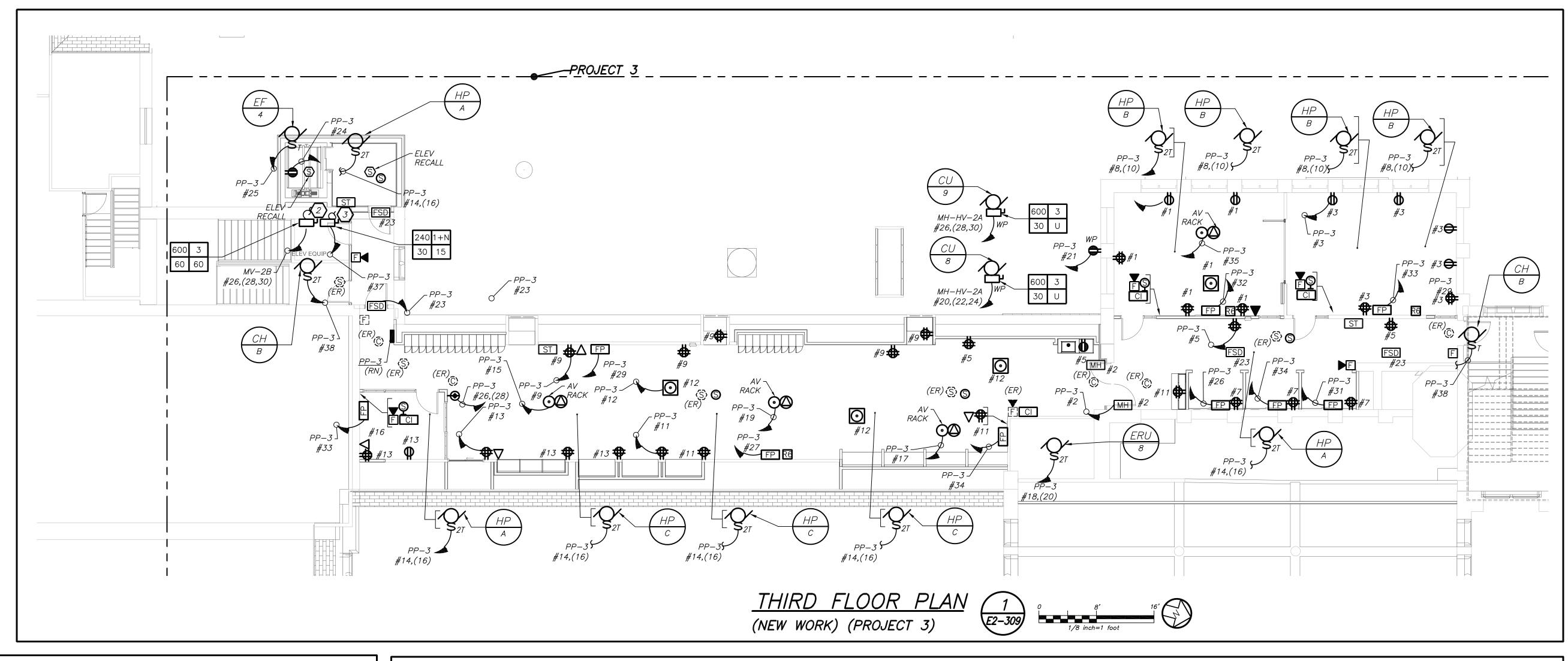
**WORK NOTES:** 

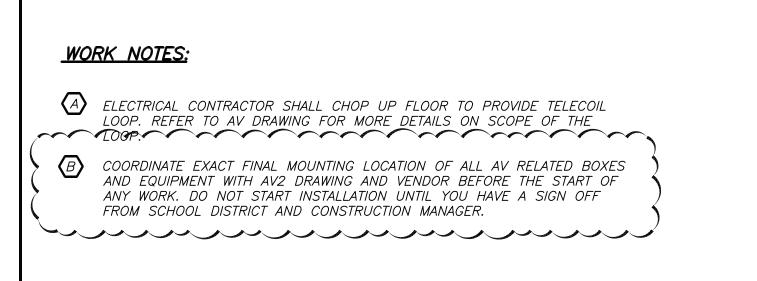
1. REMOVAL AND RELOCATING OF ALL

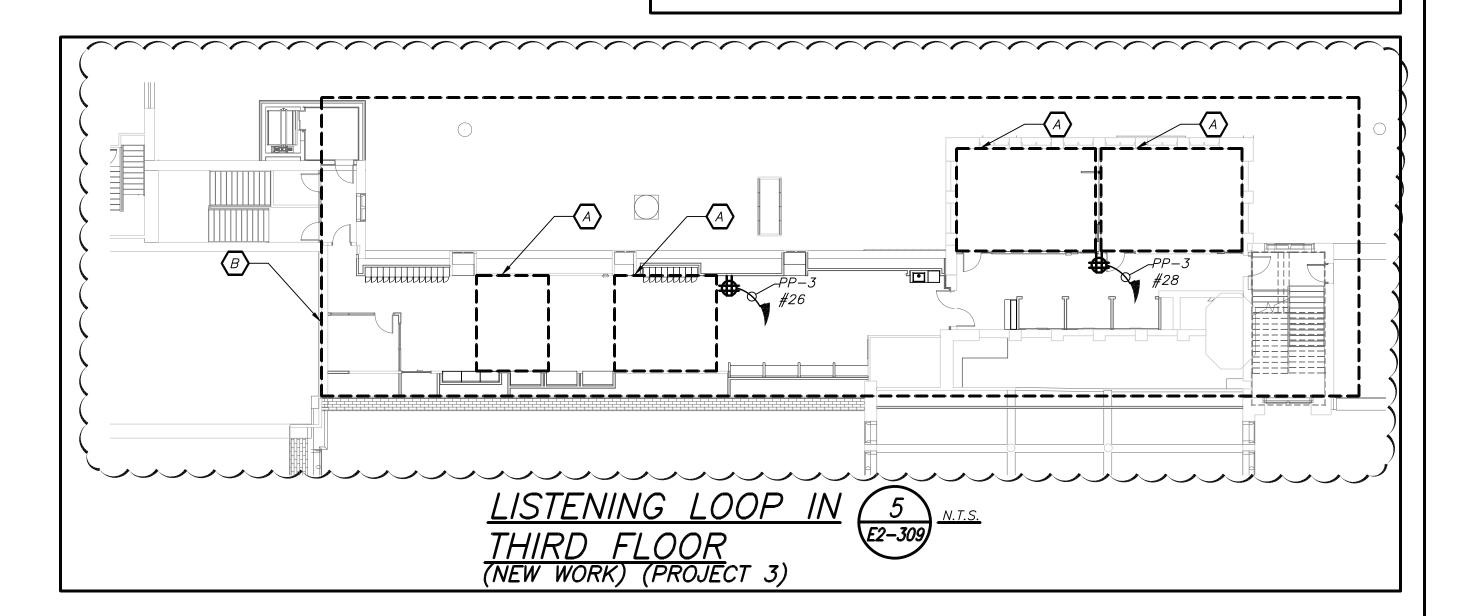
SPACE OF 30' BETWEEN EACH

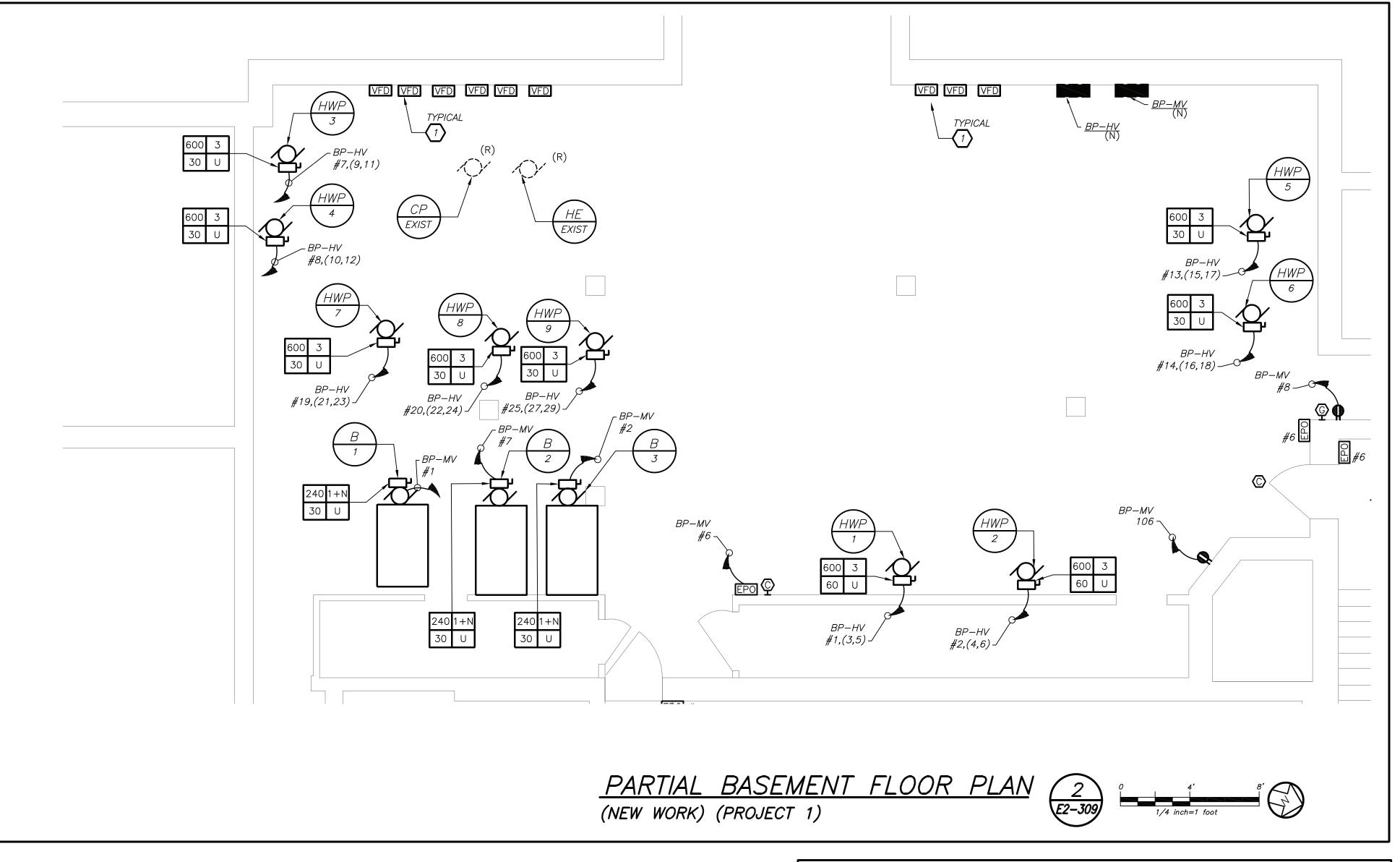
PLENUM RATED P.A WIRING ABOVE

SECURITY CAMERAS AND WIRELESS









### GENERAL NOTES:

REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER.
 COORDINATE EXACT FINAL LOCATION OF ALL AV RELATED BOXES AND EQUIPMENT WITH AV2 DRAWING AND VENDOR

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
- 3 PROVIDE 2#18 WITH DRY CONTACTS FROM PANEL PP-3 TO DISCONNECT.
- PROVIDE RECEPTACLE FOR CHEMICAL FEED. COORDINATE EXACT LOCATION OF RECEPTACLE WITH MECHANICAL CONTRACTOR BEFORE THE START OF ANY WORK.

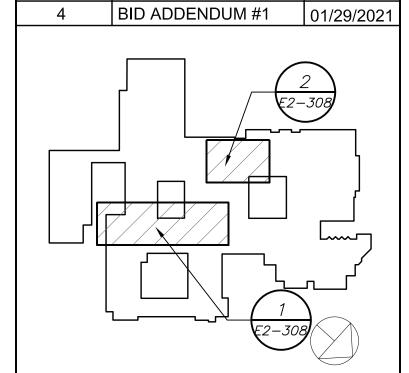
Revision Schedule

No. Description Date

1 SED Submission 09/15/2020

2 SED Submission 01/08/2021
Addendum#1

3 ISSUED FOR BID 01/19/2021



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SED #: 6618-0001-0005-031

PROJECT

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

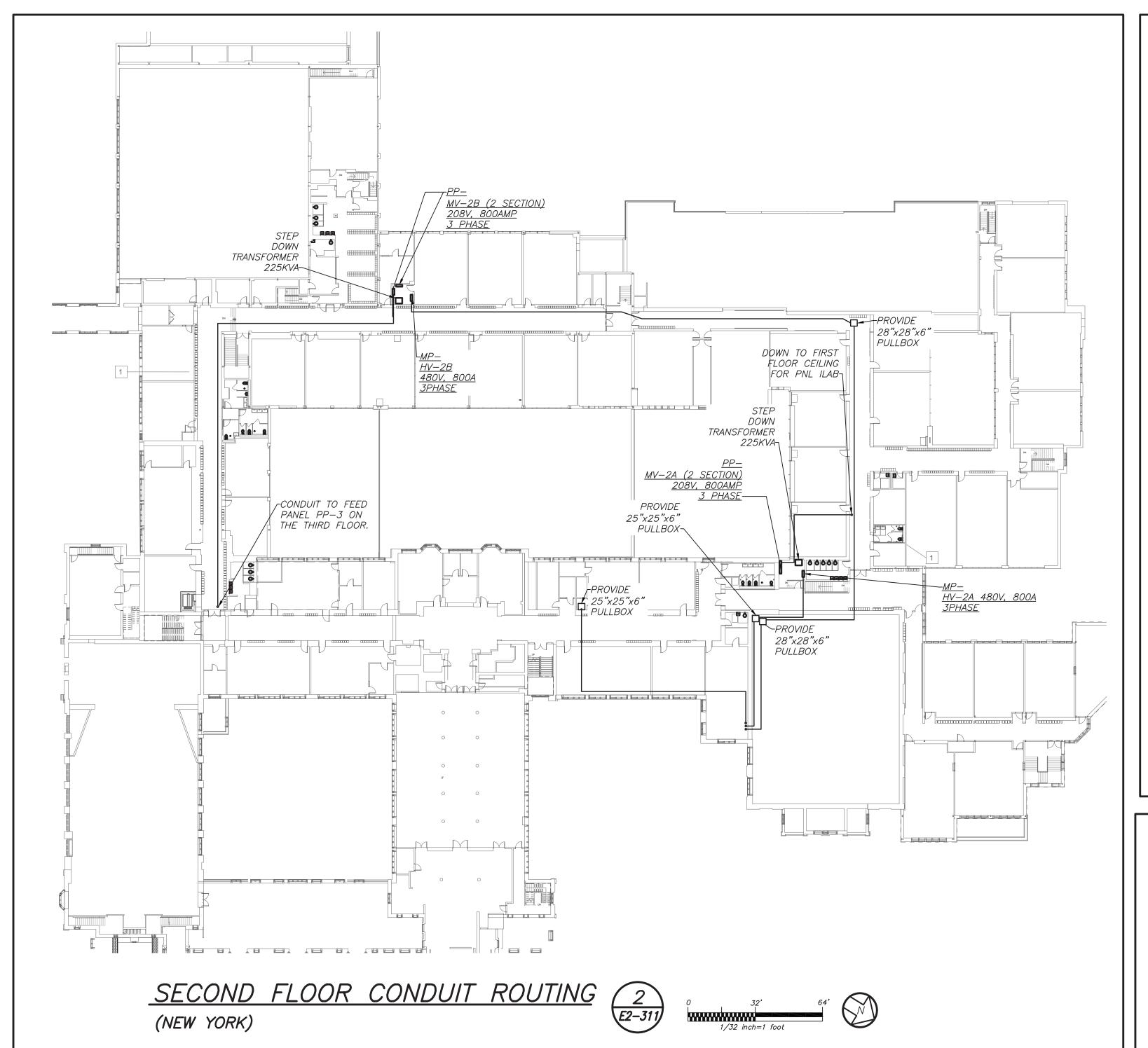
Rye High School & Middle School

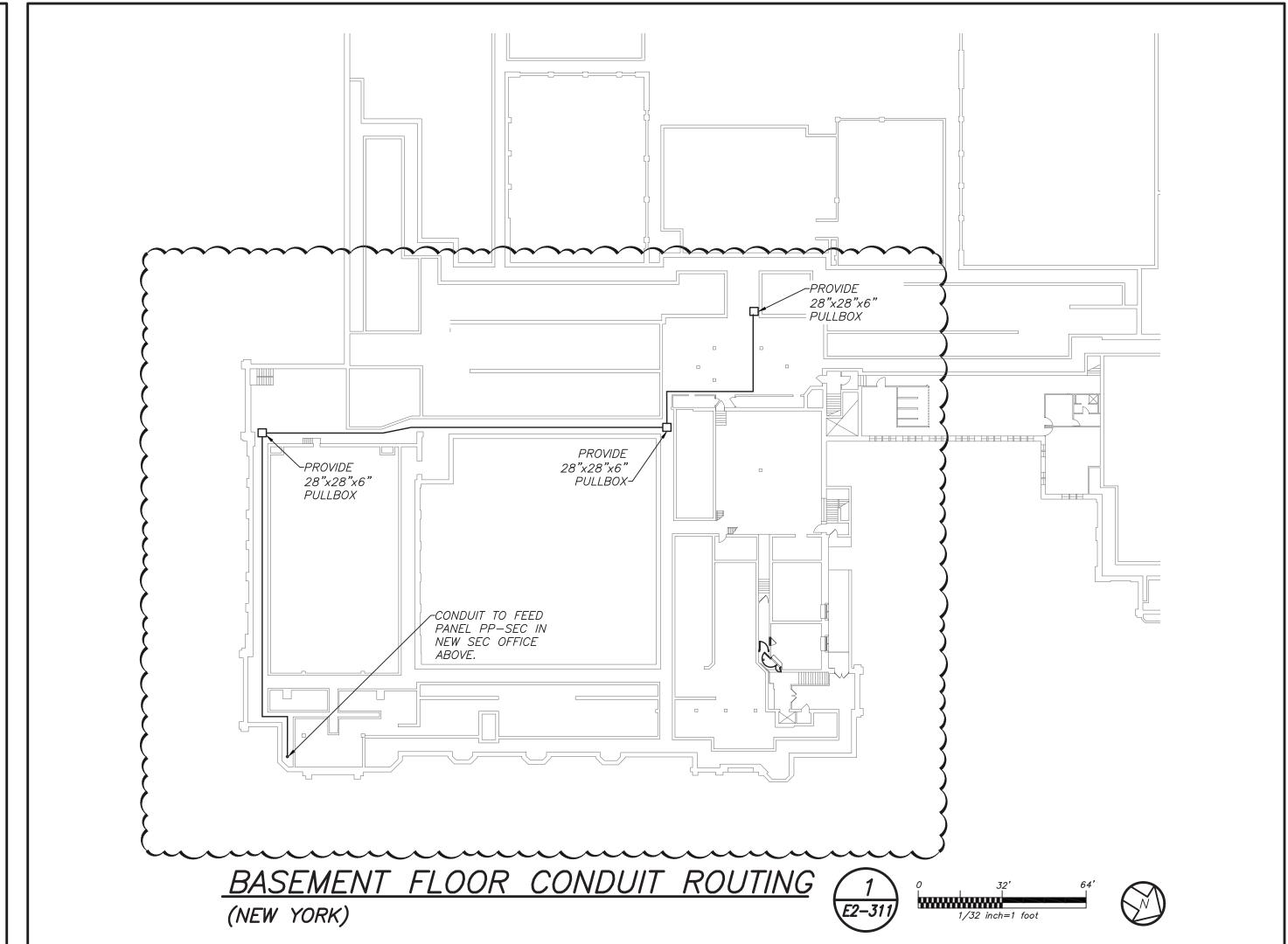
1 Parsons Street, Rye, New York 10580

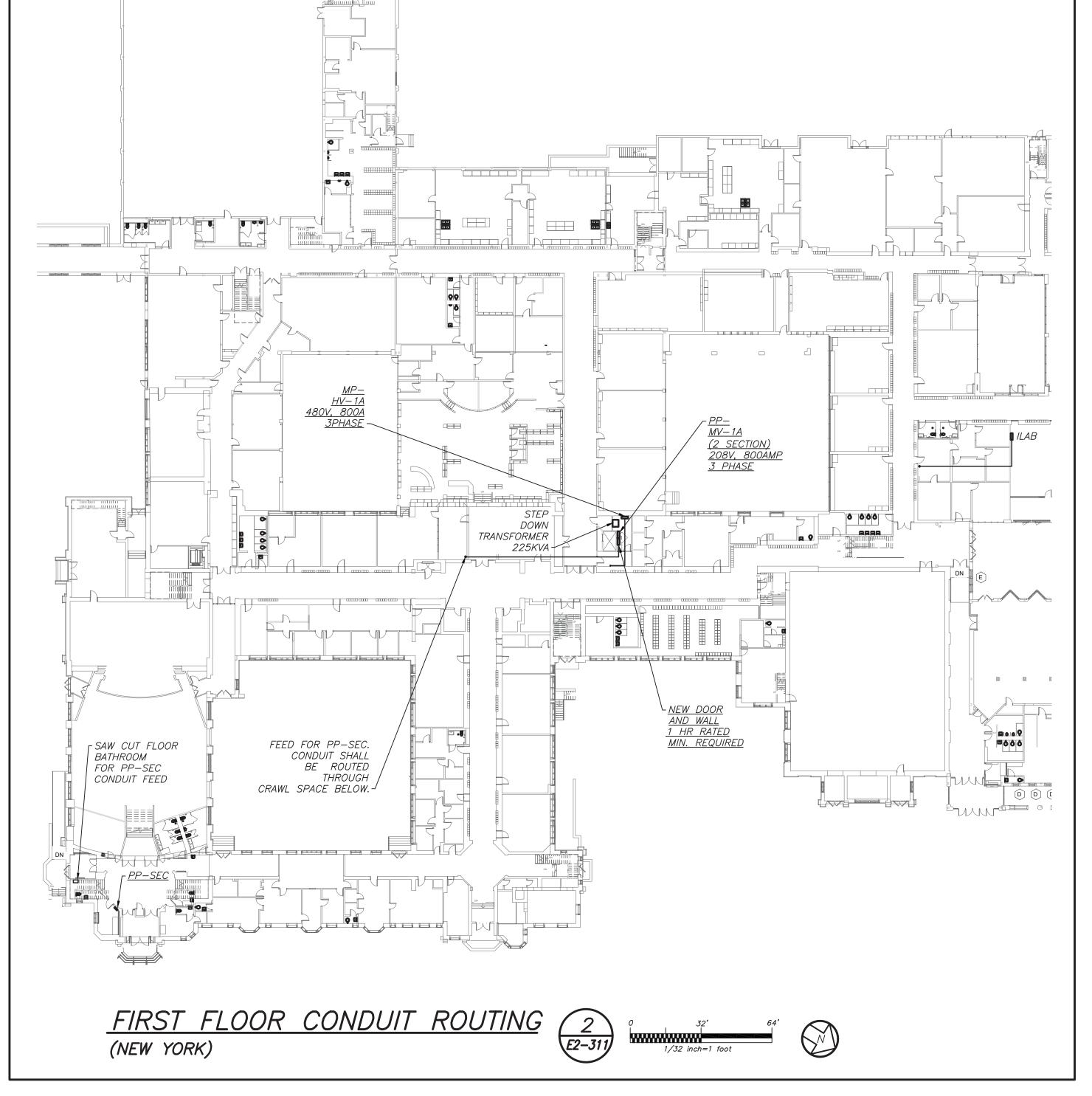
HIGH SCHOOL & MIDDLE SCHOOL PART THIRD FLOOR AND BASEMENT POWER AND FA PLAN

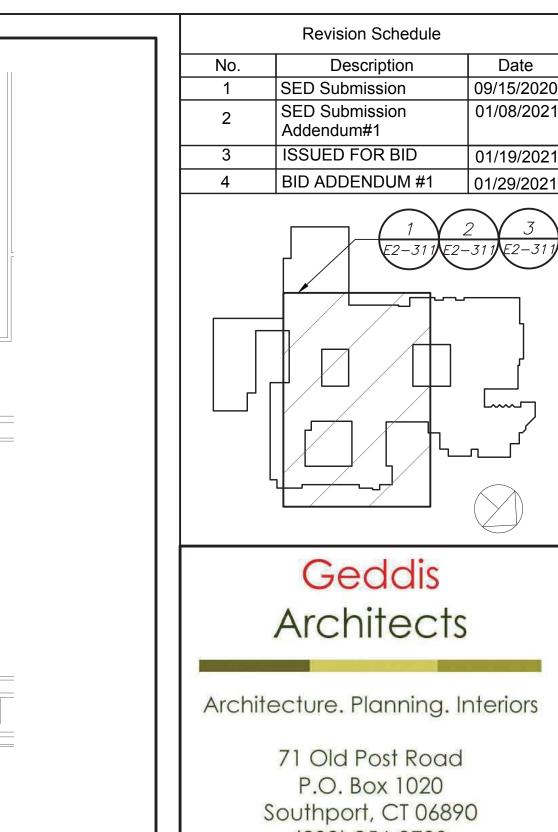
PROJECT 1 & 3

SEAL & SIGNATURE | DATE: 11/07/19 | PROJECT No: 9200 | DRAWING BY: BGA | CHK BY: BGA | DWG No: | E2-309 |









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SED #: 6618-0001-0005-031

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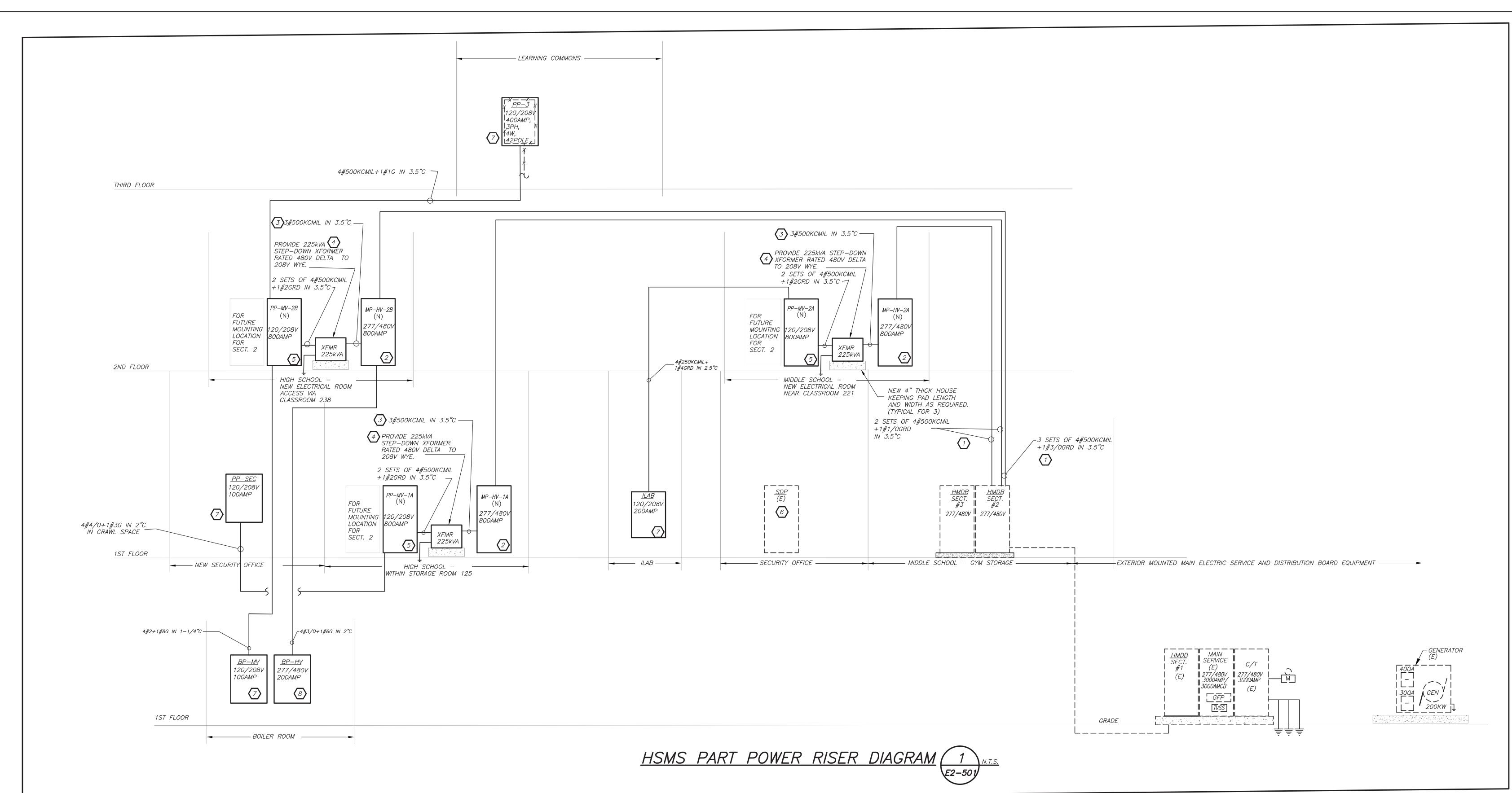
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HIGH SCHOOL & MIDDLE SCHOOL ELECTRICAL CONDUIT ROUTING

SEAL & SIGNATURE DATE: 11/07/19

PROJECT No: 9200 DRAWING BY: BGA DWG No: E2-311



### **WORK NOTES:**

REQUIRED AND NECESSARY ACCESSORIES.

- UTILIZE THE AVAILABLE 3P-800AMP SPARE BREAKER AND PROVIDE CONDUIT AND WIRE SIZED AS INDICATED. REFER TO FLOOR PLANS FOR CONDUIT RUN.
- 2 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.

  4 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.

  5 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
- 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.

Revision Schedule

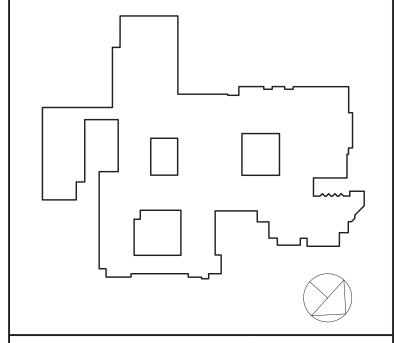
 No.
 Description
 Date

 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



# Geddis

### **Architects**

Architecture. Planning. Interiors

71 Old Post Road P.O. Box 1020 Southport, CT 06890 (203) 256-8700



Transforming Education by Design

259 Water Street Suite 1L Warren , RI 02885 USA +1 401-289-2789



CONSULTING ENGINEERS
39 MARBLE AVE PLEASANTVILLE, NY 10570
914.328.6060 GENERAL@BGA-ENG.com www.BGA-ENG.com

Construction Manager SAVIN ENGINEERS, P.C. 3 Campus Drive Pleasantville, NY 10570 914-769-3200

Structural Engineer
ODEH ENGINEERS
1223 Mineral Spring Ave
North Providence, RI 02904
401-724-1771

Civil Engineer
WESTON & SAMPSON
1 Winners Circle, Suite 130
Albany, NY 12205
518-463-4400

Acoustic Consultant
DP DESIGN
12 Cold Spring Street
Providence, RI
401-861-3218

SED #: 6618-0001-0005-031

PROJECT

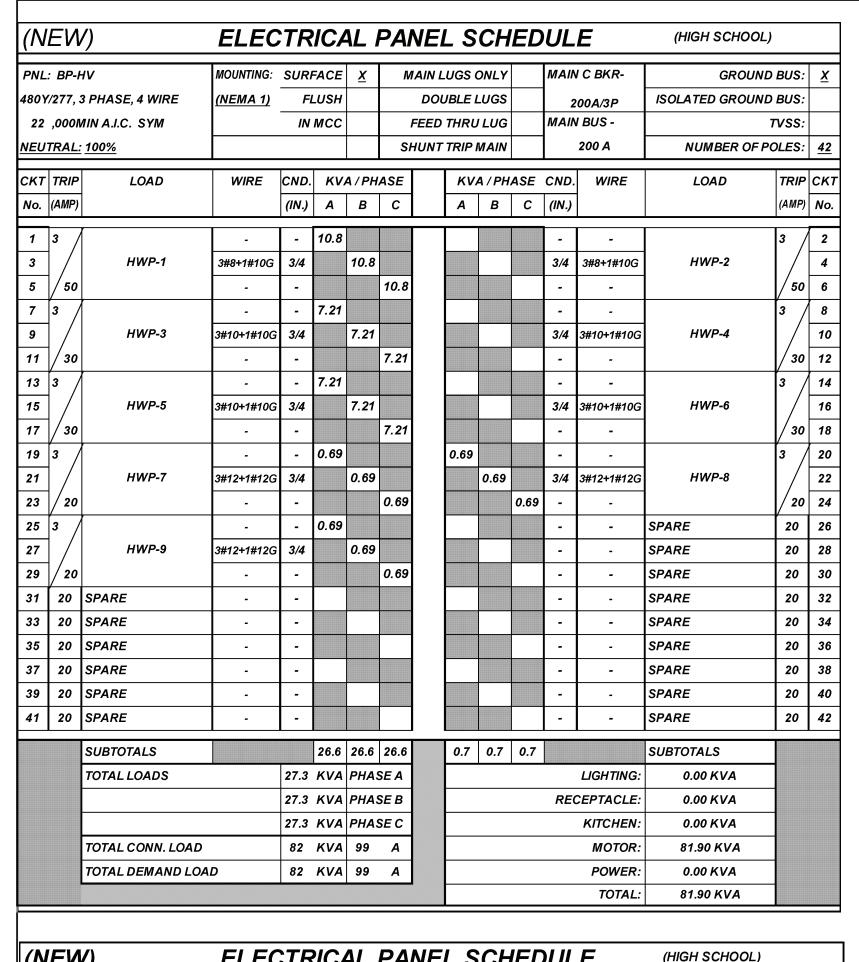
Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle School

1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL PART ELECTRICAL RISER

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



<u>(N</u>	EW	<u>()                                    </u>	ELEC	TR	IC/	AL I	<u>PA</u>	NE	<u>L S</u>	<u>CH</u>	ED	<u>UL</u>	<u>E</u>	(HIGH SCHOOL)		
PNL	: PP-3	3	MOUNTING:	SURI	FACE	<u>x</u>	٨	IAIN L	.UGS (	ONLY		MAIN	I C BKR-	GROUND	BUS:	<u>x</u>
208 Y	//120, 3	3 PHASE, 4 WIRE	(NEMA 1)	FI	LUSH			DO	JBLE I	LUGS		4	00A/3P	ISOLATED GROUND	BUS:	
42	,0001	MIN A.I.C. SYM		IN	мсс			FEED	THRU	LUG		MAIN	I BUS -	7	vss:	
NEU	TRAL:	100%					S	HUNT	TRIP	MAIN			400 A	NUMBER OF PO	DLES:	42
СКТ	TRIP	LOAD	WIRE	CND.	KV	A / PH	ASE		KV	4 / PH	ASE	CND.	WIRE	LOAD	TRIP	CF
No.	(AMP)			(IN.)	A	В	С		Α	В	С	(IN.)			(AMP)	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	LEARING 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	UD A B	2 /	8
9	20	COORDIOR RECEPT	2#12+1#12G	3/4		1.20				0.21		-	-	HP-A, B	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	1.
13	20	COORDIOR RECEPT	2#12+1#12G	3/4	1.20				0.21			3/4	2#12+1#12G	<b>ИВ А С</b>	2 /	1
15	20	AV RACK	2#12+1#12G	3/4		1.00				0.21		-	-	HP-A,C	20	1
17	20	AV RACK	2#12+1#12G	3/4			1.00				1.90	3/4	2#12+1#12G	ERU-8	2 /	1
19	20	AV RACK	2#12+1#12G	3/4	1.00				1.90			-	-	EKU-0	25	2
21	20	OUTDOOR RECEPT	2#12+1#12G	3/4		1.00				0.80		3/4	2#12+1#12G	ELEV SHAFT LGT	20	2.
23	20	FSD	2#12+1#12G	3/4			0.50				0.18	3/4	2#12+1#12G	ELEV SHAFT POWER	20	2
25	20	EF-4	2#12+1#12G	3/4	0.50				1.00			3/4	2#12+1#12G	TELECOIL	2 /	2
27	20	FLAT PANEL	2#12+1#12G	3/4		1.00				1.00		-	-	TELECOIL	20	2
29	20	FLAT PANEL	2#12+1#12G	3/4			1.00				1.00	3/4	2#12+1#12G	FLAT PANEL	20	3
31	20	FLAT PANEL	2#12+1#12G	3/4	1.00				1.00			3/4	2#12+1#12G	FLAT PANEL	20	3,
33	20	FLAT PANEL	2#12+1#12G	3/4		1.00				1.00		3/4	2#12+1#12G	FLAT PANEL	20	3,
35	20	AV RACK	2#12+1#12G	3/4			1.00				1.00	3/4	2#12+1#12G	FLAT PANEL	20	3
37	20	Elev CAB LIGHTING	2#12+1#12G	3/4	0.50				0.50			3/4	2#12+1#12G	CH-A	20	3
39	20	SPARE	-	-								-	-	SPARE	20	4
41	20	SPARE	-	-								-	-	SPARE	20	4
		SUBTOTALS			7.26	6.82	6.20		5.32	4.19	6.08			SUBTOTALS		
		TOTAL LOADS		12.6	KVA	PHA	S <i>E A</i>			•			LIGHTING:	2.77 KVA		
				11.0	KVA	PHA	SE B					RE	CEPTACLE:	11.08 KVA		
				12.3	KVA	PHA	SE C						KITCHEN:	0.00 KVA		
		TOTAL CONN. LOAD		35.9	KVA	###	Α						MOTOR:	5.14 KVA		
		TOTAL DEMAND LOA	D	35.3	KVA	98.0	Α						POWER:	16.88 KVA		

<u>(N</u>	EΝ	<b>/</b> )	ELEC	TR	RICA	AL A	PAI	NE	<u>LS</u>	<u>CH</u>	ED	UL	E	(HIGH SCHOOL	)	
PNL	: BP-	MV	MOUNTING:	SURI	FACE	<u>X</u>	I N	IAIN L	UGS (	ONLY		MAIN	I C BKR-	GROUNI	BUS:	<u> </u>
08 Y	//120,	3 PHASE, 4 WIRE	(NEMA 1)	FI	LUSH			DO	JBLE I	UGS		1	00A/3P	ISOLATED GROUNI	BUS:	
22	,0001	MIN A.I.C. SYM		IN	мсс			FEED	THRU	LUG		MAIN	I BUS -		TVSS:	
IEU	TRAL	<u>: 100%</u>					SI	HUNT	TRIP I	MAIN			100 A	NUMBER OF P	OLES:	1
KT	TRIP	LOAD	WIRE	CND.	KV	A/PH	ASE		KV	A/PH	ASE	CND.	WIRE	LOAD	TRIP	С
Vo.	(AMP)			(IN.)	Α	В	С		Α	В	С	(IN.)			(AMP)	۸
1	30	BOILER 1	2#10+1#10G	3/4	2.40				2.40			3/4	2#10+1#10G	BOILER 3	30	Γ
3		SHUNT TRIP												SHUNT TRIP		
5	20	SPARE	-	-							0.40	3/4	2#12+1#12G	EPO	20	
7	20	BOILER 2	2#10+1#10G	3/4	2.40				0.40			3/4	2#12+1#12G	GAS DETECTOR	20	t
9		SHUNT TRIP								1.00		3/4	2#12+1#12G	CHEMICAL FEED	20	T
11	20	SPARE	-	-								-	-	SPARE	20	1
13	20	SPARE	-	•								-	-	SPARE	20	1
15	20	SPARE	-	•								•	-	SPARE	20	·
17	20	SPARE	-	•								-	-	SPARE	20	Ŀ
19	20	SPARE	-	-								-	-	SPARE	20	Ŀ
21	20	SPARE	-	-								-	-	SPARE	20	Ŀ
23	20	SPARE	-	-								-	-	SPARE	20	L
		SUBTOTALS			4.80	0.00	0.00		2.80	1.00	0.40			SUBTOTALS		
		TOTAL LOADS		7.6	KVA	PHA	SE A						LIGHTING:	0.00 KVA		
				1.0	KVA	PHA	SE B					RE	CEPTACLE:	1.40 KVA		
				0.4	KVA	PHA:	SE C						KITCHEN:	0.00 KVA		
		TOTAL CONN. LOAD	)	9.0	KVA	25.0	A						MOTOR:	4.80 KVA		
		TOTAL DEMAND LO	AD	9.0	KVA	25.0	Α						POWER:	2.80 KVA		
													TOTAL:	9.00 KVA		

TOTAL: 35.87 KVA

(NEW)	)	ELEC	TR	ICA	AL I	PA	NE	<u>LS</u>	<u>CH</u>	ED	UL	<u>E</u>	(HIGH SCHOOL	) ——	
PNL: MP-HV-2A MOUNTING:				FACE	<u>x</u>	X MAIN L		.UGS ONLY		MAIN	I C BKR-	GROUNI	BUS:	<u>x</u>	
480Y/277, 3 PHASE, 4 WIRE (NEMA 1)			FI	LUSH		DOUBLE LUGS		ugs		8	00A/3P	ISOLATED GROUNI	BUS:		
65 ,000M	IN A.I.C. SYM		IN	мсс			FEED	THRU	LUG		MAIN	I BUS -		TVSS:	
IEUTRAL: 1	100%					Si	HUNT	TRIP	MAIN			800 A	NUMBER OF P	OLES:	42
KT TRIP	LOAD	WIRE	CND.	KV	A / PH	ASE		KV	4 / PH	ASE	CND.	WIRE	LOAD	TRIP	СК
Vo. (AMP)			(IN.)	Α	В	С		Α	В	С	(IN.)			(AMP)	No
1 3		T		4.5				16.6			_			3 /	2
3 /	CU-8	3#12+1#12G	3/4		4.5				16.6		3/4	3#4+1#8G	RTU-1		4
5 /25						4.5				16.6	-			80	6
7 3				4.5				16.6			-			3 /	8
9 /	<i>CU-</i> 9	3#10+1#10G	3/4		4.5				16.6		3/4	3#4+1#8G	RTU-2		10
11 / 25						4.5				16.6	-			80	12
13 3				11.4				7.90			-			3 /	14
15	CU-6	3#8+1#10G	3/4		11.4				7.90		3/4	3#8+1#10G	CU-13		16
17 / 50						11.4				7.90	-			35	18
19 3				8.80				11.4			-			3	20
21	ERU-6	3#8+1#10G	3/4		8.80				11.4		3/4	3#8+1#10G	CU-5		22
23 / 35						8.80	1			11.4	-		00405	50	24
	SPARE	-	-								-	-	SPARE	20	26
-+	SPARE SPARE	<del>  -</del>	- 								-	-	SPARE SPARE	20	30
	SPARE SPARE	<del>                                     </del>									•   _	_	SPARE	20	32
	SPARE	<del>                                     </del>									<b>.</b>	_	SPARE	20	34
-+	SPARE		_								_	_	SPARE	20	36
	SPARE	+ .	-											3 /	38
	SPARE	-	-								_	SEE RISER	TRANSFORMER FOR PP-MV-2A	?	40
41 20 5	SPARE	-	-								-		PP-IVIV-ZA	350	42
	SUBTOTALS			29.2	29.2	29.2		52.5	52.5	52.5			SUBTOTALS		
7	TOTAL LOADS		81.7	KVA	PHA	SE A				I		LIGHTING:	0.00 KVA		
			81.7	KVA	PHA	SE B					REC	CEPTACLE:	0.00 KVA		
			81.7	KVA	PHA:	SE C						KITCHEN:	0.00 KVA		
7	TOTAL CONN. LOAD	)	245	KVA	295	Α						MOTOR:	245.10 KVA		
7	TOTAL DEMAND LO	)AD	245	KVA	295	A						POWER:	0.00 KVA		

										TOTAL:	245.10 KVA			< Load & Total no	ot equal >								TOTAL:	4.96 KVA		
			,																							
(NEV	V)	ELEC	CTR	ICA	\L F	PANE	L S	CHE	DUL	E	(HIGH SCHOOL)		(NEV	V)	ELEC	CTRI	CA	L P	ANE	L SCI	HED	DUL	E			
PNL: MI	I-HV-2B	MOUNTING:	SURI	FACE	<u>X</u>	MAIN	LUGS	ONLY	MAIN	I C BKR-	GROUND	BUS: X	PNL: MP	-HV-1A	MOUNTING:	SURF	ACE	х	MAIN	LUGS ONL	Υ	MAIN	I C BKR-	GROUND	BUS:	Х
480Y/277	, 3 PHASE, 4 WIRE	(NEMA 1)	FL	LUSH		DO	UBLE I	LUGS	8	800A/3P	ISOLATED GROUND	BUS:	480Y/277,	3 PHASE, 4 WIRE	(NEMA 1)		USH		DO	UBLE LUG	s	8	00A/3P	ISOLATED GROUND	BUS:	_
65 ,000	OMIN A.I.C. SYM		IN	мсс		FEED	THRU	LUG	MAIN	I BUS -	7	rvss:	65 ,000	MIN A.I.C. SYM			исс	1	FEED	THRU LU	G	+	I BUS -	7	VSS:	
NEUTRA	<u>L: 100%</u>					SHUNT	TRIP	MAIN		800 A	NUMBER OF PO	OLES: <u>42</u>	NEUTRAL	<u>: 100%</u>					SHUNT	TRIP MAI	N		800 A	NUMBER OF PO	DLES:	<u>42</u>
CKT TRI	LOAD	WIRE	CND.	KVA	A/PHA	ISE	KV.	A / PHASI	CND.	WIRE	LOAD	TRIP CKT	CKT TRIF	LOAD	WIRE	CND.	KVA	/ PHAS	SE	KVA / P	HASE	CND.	WIRE	LOAD	TRIP	СКТ
No. (AMI	7)		(IN.)	Α	В	С	Α	ВС	(IN.)			(AMP) No.	No. (AMP	4		(IN.)			С	A B						No.
1 3	1	T -	Τ.	10.6			10.6		_	_		3 / 2		1		1 1									]	,
3 /	CU-1	3#8+1#10G	3/4		10.6			10.6	3/4	3#8+1#10G	CU-10	4	1 3	/	-		12.0	10.0		3.50		-	-	04.0	3 /	2
5 / 5	,	_	-			10.6		10.	6 -	<u>-</u>	1	50 6	3 / 500	BP-HV	4#3/0+1#6G		7	2.0	20	3.5			3#10+1#10G	CU-8	/	4
7 3	/	-	-	10.6			9.90		_	-		3 / 8	5 /200	/	-	-	24.0	7.2	2.0	3.50	3.50	<u>'</u>	-		25	_
9 /	CU-2	3#8+1#10G	3/4		10.6			9.90	3/4	3#8+1#10G	CU-12	10	$\left  \begin{array}{c} 7 \\ 9 \end{array} \right ^3 / \left  \begin{array}{c} 3 \\ 3 \end{array} \right $	RTU-1	3#3/0+1#6G			24.0		3.50		3/4	- 3#10+1#10G	CU-9	3 /	10
11 / 5	,	-	-			10.6		9.9	0 -	-		50 12	11 /200		3#3/0+1#60	_			4.0	3.0	3.50		3#10+1#100	CO-3	/25	12
13 3		† <i>-</i>	-	8.9			3.60		-	-		3 / 14	13 3	<u> </u>	<del>                                     </del>		24.0	2.	*.0		3.00			SPARE	20	14
15 /	ERU-1	3#8+1#10G	3/4		8.9			3.60	3/4	3#12+1#12G	CU-14	16	15 /	RTU-2	3#3/0+1#6G	-		24.0					-	SPARE	20	16
17 / 3	5	-	-			8.9		3.6	0 -	-	1	20 18	17 /200		3#3/01/#00	_	-		4.0					SPARE	20	18
19 3	/	-	-	8.9			12.0		-	-		3 / 20	19 20	SPARE	_	-     <u>-</u>		-					<u> </u>	SPARE	20	20
21 /	ERU-2	3#8+1#10G	3/4		8.9			12.0	3/4	4#3/0+1#6G	BP-HV	22	21 20	SPARE		_						_		SPARE	20	22
23 / 3	5	-	-			8.9		12.	0 -	-	]	200 24	23 20	SPARE	<u> </u>	_								SPARE	20	
25 20	SPARE	-	-				8.50		-	-		3 / 26	25 20	SPARE	<u> </u>	<u> </u>							_	SPARE	20	26
27 20	SPARE	-	-					8.50	1	3#6+1#10G	ELEVATOR	28	27 20	SPARE		1 <u>-</u>						-		SPARE		28
29 20	SPARE	-	-					8.5	0 -	-		60 30	29 20	SPARE	<u>-</u>	_							_	SPARE		30
31 20	SPARE	-	-						-	-	SPARE	20 32	31 20	SPARE	<u>-</u>	-						_	_	SPARE		32
33 20	SPARE	-	-						-	-	SPARE	20 34	33 20	SPARE	_	_						-	-	SPARE		34
35 20	SPARE	-	-						_	-	SPARE	20 36	35 20	SPARE	-	-						-	-	SPARE	20	
37 20	SPARE	-	-						-		TRANSFORMER FOR	38	37 20	SPARE	-	1 -						-			2 /	38
	SPARE	-	-						-	SEE RISER	PP-MV-2B	40	39 20	SPARE	-	-						-	SEE RISER	TRANSFORMER FOR PP-MV-A	/	40
41 20	SPARE	<u> </u>	-									<b>/</b> 350 42	41 20	SPARE	-	1 -						<b>-</b>		PF-IVI V-A	I /	42
	SUBTOTALS			39.0	39.0	39.0	44.6	44.6 44.	6		SUBTOTALS			SUBTOTALS			60.0	60.0	0.0	7.00 7.0	0 7.00			SUBTOTALS		
	TOTAL LOADS		83.6	KVA	PHAS	EA				LIGHTING:	0.00 KVA			TOTAL LOADS		67.0	KVA F	PHASE	Α				LIGHTING:	0.00 KVA		
			83.6	KVA	PHAS	EΒ			REC	CEPTACLE:	0.00 KVA					67.0	KVA F	PHASE	В			RE	CEPTACLE:	0.00 KVA		
			83.6	KVA	PHAS	EC				KITCHEN:	0.00 KVA					67.0	KVA F	PHASE	С				KITCHEN:	0.00 KVA		
	TOTAL CONN. LOAD		251	KVA	302	A				MOTOR:	214.83 KVA			TOTAL CONN. LOAD		201	KVA	242	A				MOTOR:	165.00 KVA		
	TOTAL DEMAND LOA	ND .	251	KVA	302	Α				POWER:	36.00 KVA			TOTAL DEMAND LO	AD	201	KVA	242	A				POWER:	36.00 KVA		
										TOTAL:	250.83 KVA												TOTAL:	201.00 KVA		

(NEW)

PNL: PP-SEC

<u>NEUTRAL: 100%</u>

No. (AMP)

208Y/120, 3 PHASE, 4 WIRE

22 ,000MIN A.I.C. SYM

3 20 SEC RECEPT

5 | 20 | SEC RECEPT

20 SEC RECEPT

15 20 SPARE

23 20 SPARE 25 20 SPARE

27 20 SPARE

29 20 SPARE 31 20 SPARE

37 20 SPARE

39 20 SPARE

41 20 SPARE

SUBTOTALS

TOTAL LOADS

TOTAL CONN. LOAD

TOTAL DEMAND LOAD

17 20 SPARE 19 20 SPARE 21 20 SPARE

ELECTRICAL PANEL SCHEDULE

WIRE | CND. | KVA/PHASE |

1.04

0.50 | 1.04 | 1.04 |

1.6 KVA PHASE A

1.6 KVA PHASE B

2.2 KVA PHASE C

5.5 KVA 14.0 A

5.0 KVA 14.0 A

MAIN LUGS ONLY

DOUBLE LUGS

KVA/PHASE CND. WIRE

0.18 3/4 2#12+1#12G ERU-10

1.00 3/4 2#12+1#12G FIRE DOOR

3/4 2#12+1#12G EF-5

3/4 2#12+1#12G

A B C (IN.)

1.10 0.60 1.18

FEED THRU LUG

SHUNT TRIP MAIN

GROUND BUS: X

NUMBER OF POLES: 42

ISOLATED GROUND BUS:

3/4 2#12+1#12G DRINKING FOUNTAIN 20 4

SPARE

SPARE

LIGHTING:

KITCHEN:

MOTOR:

POWER:

RECEPTACLE:

SUBTOTALS

0.00 KVA

0.00 KVA

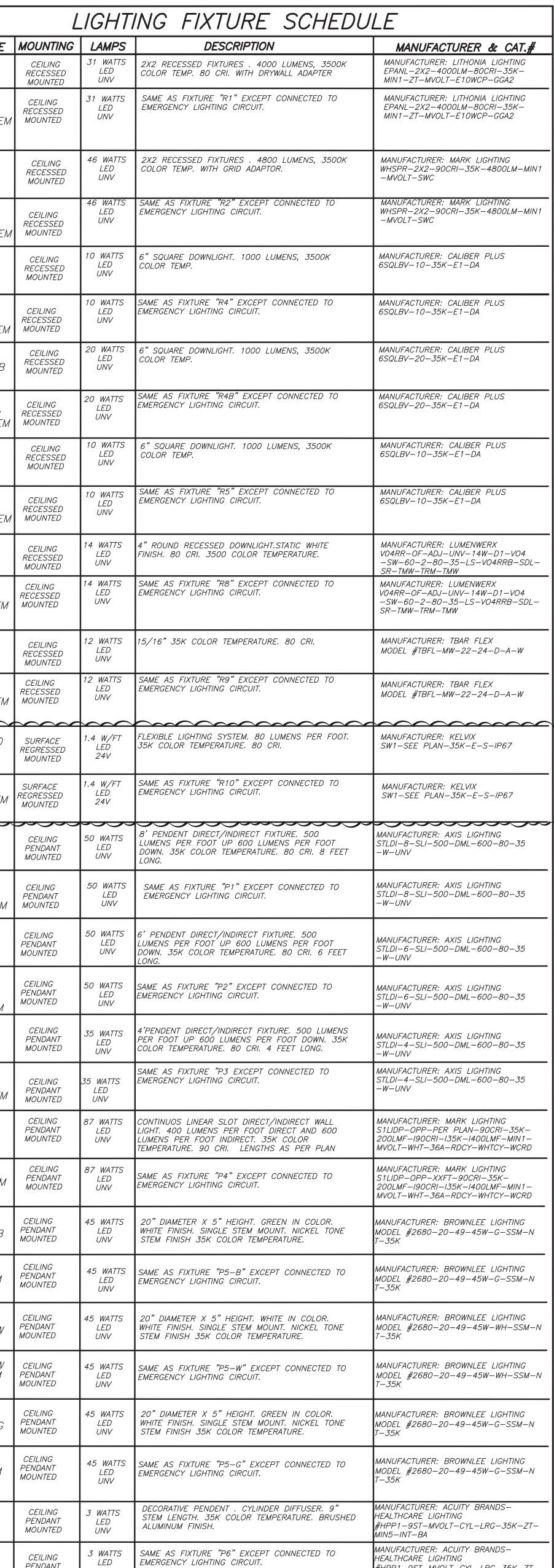
0.00 KVA

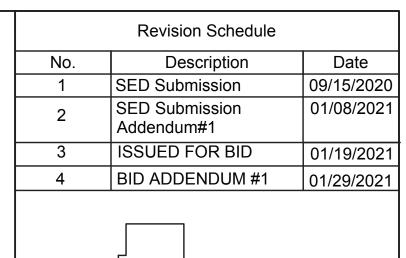
3.96 KVA

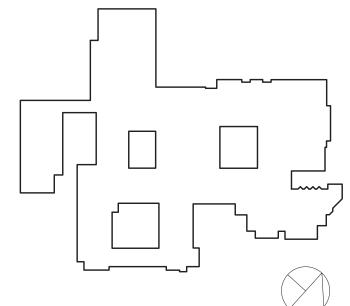
1.00 KVA

WM2	SURFACE MOUNTED	4.4 W/FT LED 24V	LINEAR ANGLED EXTRUSION LED. 35K COLOR TEMPERATURE.	MANUFACTURER: LLI LIGHTING MODEL #LLI—ANG—S—F—4.4—35K—24V—
WM2 EM	SURFACE MOUNTED	4.4 W/FT LED 24V	SAME AS FIXTURE "WM2" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: LLI LIGHTING MODEL #LLI-ANG-S-F-4.4-35K-24V-
WM3	WALL MOUNTED	51 WATTS LED 120	WALL MOUNTED LLED TYPE LIGHTING. NARROW OPTIC REFLECTOR. 5000 LUMENS, 80 CRI,4000K COLOR TEMPERATURE. MATTE SILVER FINISH	MANUFACTURER: LUMINIS MODEL #SQ602-L2L25-R15-120-MST -2535
WM3 EM	WALL MOUNTED	51 WATTS LED 120	SAME AS FIXTURE "WM3" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: LUMINIS MODEL #SQ602-L2L25-R15-120-MST -2535
WM4	WALL MOUNTED	16 WATTS LED 120	WALL MOUNT LED SCONCE. FROSTED FINISH. 80 CRI. 35K COLOR TEMPERATURE.	MANUFACTURER: EUREKA LIGHTING MODEL #3418-LED-35-80-120-DV-BLKI -FRO
WM4 EM	WALL MOUNTED	16 WATTS LED 120	SAME AS FIXTURE "WM4" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: EUREKA LIGHTING MODEL #3418—LED—35—80—120—DV—BLKI —FRO
WM5	SURFACE MOUNTED	87 WATTS LED UNV	LED COVE TAPE LIGHT REMOTE DRIVER. DIMMABLE FIXTURE.	MANUFACTURER: KELVIX LED TAPE MODEL #SE-30K-300-24V
WM5 EM	SURFACE MOUNTED	87 WATTS LED UNV	SAME AS FIXTURE "WM5" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: KELVIX LED TAPE MODEL #SE-30K-300-24V
S EM	SURFACE MOUNTED	40 WATTS LED UNV	4' STIP LIGHTING, 4000 LUMENS, 400K COLOR TEMPERATURE. 0—10V DIMMING. CONNECTED TO EMERGENCY CIRCUIT.	MANUFACTURER: COLUMBIA LIGHTING MODEL #CSLA-4040
$\mathbf{\Phi}_{Z}$	WALL MOUNTED	70W LED UNV	WALL MOUNTED QUARTERSHPHERE ARCHITECTURAL WALLPACK EXTERIOR LIGHT FIXTURE WITH BUTTON PHOTO CONTROL, PROGRAMMABLE OCCUPANCY SENSOR AND EM BATTERY BACK UP. 4000K COLOR TEMPERATURE. MOUNTED AS DIRECTED BY OWNER.	MANUFACTURER: HUBBELL QSP2-32L-40-4K7-3-U-BLT -PC-SCP-EM
EM	WALL MOUNTED	70W LED UNV	WALL MOUNTED QUARTERSHPHERE ARCHITECTURAL WALLPACK EXTERIOR LIGHT FIXTURE 4000K COLOR TEMPERATURE. MOUNTED AS DIRECTED BY OWNER.	<i>MANUFACTURER: HUBBELL QSP2-32L-40-4K7-3-U-BLT</i>
<b>ॐ</b> /№	SURFACE WALL/CEILING MOUNTED	1-5W 120V	L.E.D. TYPE EXIT LIGHT, STEEL HOUSING, NUMBER OF FACES AND DIRECTIONAL ARROWS AS INDICATED ON PLANS. SELF POWERED MODEL WITH 90 MINUTE EMERGENCY BATTERY PACK.	MANUFACTURER: ENCORE LIGHITNG CAT.#LSE-8-R-PER DWG

	L	IGHT	ING FIXTURE SCHEDU	ILE
<b>TYPE</b> <i>R1</i>	MOUNTING  CEILING RECESSED	LAMPS  31 WATTS LED	DESCRIPTION  2X2 RECESSED FIXTURES . 4000 LUMENS, 3500K COLOR TEMP. 80 CRI. WITH DRYWALL ADAPTER	MANUFACTURER & CAT.#  MANUFACTURER: LITHONIA LIGHTING EPANL-2X2-4000LM-80CRI-35K-
R1 EM	MOUNTED  CEILING RECESSED MOUNTED	UNV 31 WATTS LED UNV	SAME AS FIXTURE "R1" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MIN1-ZT-MVOLT-E10WCP-GGA2  MANUFACTURER: LITHONIA LIGHTING EPANL-2X2-4000LM-80CRI-35K- MIN1-ZT-MVOLT-E10WCP-GGA2
R2	CEILING RECESSED MOUNTED	46 WATTS LED UNV	2X2 RECESSED FIXTURES . 4800 LUMENS, 3500K COLOR TEMP. WITH GRID ADAPTOR.	MANUFACTURER: MARK LIGHTING WHSPR-2X2-90CRI-35K-4800LM-MINI -MVOLT-SWC
R2 EM	CEILING RECESSED MOUNTED	46 WATTS LED UNV	SAME AS FIXTURE "R2" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: MARK LIGHTING WHSPR-2X2-90CRI-35K-4800LM-MINI -MVOLT-SWC
R4	CEILING RECESSED MOUNTED	10 WATTS LED UNV	6" SQUARE DOWNLIGHT. 1000 LUMENS, 3500K COLOR TEMP.	MANUFACTURER: CALIBER PLUS 6SQLBV-10-35K-E1-DA
R4 EM	CEILING RECESSED MOUNTED	10 WATTS LED UNV	SAME AS FIXTURE "R4" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: CALIBER PLUS 6SQLBV-10-35K-E1-DA
R4B	CEILING RECESSED MOUNTED	20 WATTS LED UNV	6" SQUARE DOWNLIGHT. 1000 LUMENS, 3500K COLOR TEMP.	MANUFACTURER: CALIBER PLUS 6SQLBV-20-35K-E1-DA
R4B EM	CEILING RECESSED MOUNTED	20 WATTS LED UNV	SAME AS FIXTURE "R4B" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: CALIBER PLUS 6SQLBV-20-35K-E1-DA
R5	CEILING RECESSED MOUNTED	10 WATTS LED UNV	6" SQUARE DOWNLIGHT. 1000 LUMENS, 3500K COLOR TEMP.	MANUFACTURER: CALIBER PLUS 6SQLBV-10-35K-E1-DA
R5 EM	CEILING RECESSED MOUNTED	10 WATTS LED UNV	SAME AS FIXTURE "R5" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: CALIBER PLUS 6SQLBV-10-35K-E1-DA
R8	CEILING RECESSED MOUNTED	14 WATTS LED UNV	4" ROUND RECESSED DOWNLIGHT.STATIC WHITE FINISH. 80 CRI. 3500 COLOR TEMPERATURE.	MANUFACTURER: LUMENWERX V04RR-OF-ADJ-UNV-14W-D1-V04 -SW-60-2-80-35-LS-V04RRB-SDL- SR-TMW-TRM-TMW
R8 EM	CEILING RECESSED MOUNTED	14 WATTS LED UNV	SAME AS FIXTURE "R8" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: LUMENWERX V04RR-OF-ADJ-UNV-14W-D1-V04 -SW-60-2-80-35-LS-V04RRB-SDL- SR-TMW-TRM-TMW
R9	CEILING RECESSED MOUNTED	12 WATTS LED UNV	15/16" 35K COLOR TEMPERATURE. 80 CRI.	MANUFACTURER: TBAR FLEX MODEL #TBFL-MW-22-24-D-A-W
R9 <sub>EM</sub>	CEILING RECESSED MOUNTED	12 WATTS LED UNV	SAME AS FIXTURE "R9" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: TBAR FLEX MODEL #TBFL-MW-22-24-D-A-W
R10	SURFACE REGRESSED MOUNTED	1.4 W/FT LED 24V	FLEXIBLE LIGHTING SYSTEM. 80 LUMENS PER FOOT. 35K COLOR TEMPERATURE. 80 CRI.	MANUFACTURER: KELVIX SW1-SEE PLAN-35K-E-S-IP67
R10 EM	SURFACE REGRESSED MOUNTED	1.4 W/FT LED 24V	SAME AS FIXTURE "R10" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: KELVIX SW1-SEE PLAN-35K-E-S-IP67
P1	CEILING PENDANT MOUNTED	50 WATTS LED UNV	8' PENDENT DIRECT/INDIRECT FIXTURE. 500 LUMENS PER FOOT UP 600 LUMENS PER FOOT DOWN. 35K COLOR TEMPERATURE. 80 CRI. 8 FEET LONG.	MANUFACTURER: AXIS LIGHTING STLDI-8-SLI-500-DML-600-80-35 -W-UNV
P1 EM	CEILING PENDANT MOUNTED	50 WATTS LED UNV	SAME AS FIXTURE "P1" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: AXIS LIGHTING STLDI-8-SLI-500-DML-600-80-35 -W-UNV
P2	CEILING PENDANT MOUNTED	50 WATTS LED UNV	6' PENDENT DIRECT/INDIRECT FIXTURE. 500 LUMENS PER FOOT UP 600 LUMENS PER FOOT DOWN. 35K COLOR TEMPERATURE. 80 CRI. 6 FEET LONG.	MANUFACTURER: AXIS LIGHTING STLDI-6-SLI-500-DML-600-80-35 -W-UNV
P2 EM	CEILING PENDANT MOUNTED	50 WATTS LED UNV	SAME AS FIXTURE "P2" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: AXIS LIGHTING STLDI-6-SLI-500-DML-600-80-35 -W-UNV
P3	CEILING PENDANT MOUNTED	35 WATTS LED UNV	4'PENDENT DIRECT/INDIRECT FIXTURE. 500 LUMENS PER FOOT UP 600 LUMENS PER FOOT DOWN. 35K COLOR TEMPERATURE. 80 CRI. 4 FEET LONG.	MANUFACTURER: AXIS LIGHTING STLDI-4-SLI-500-DML-600-80-35 -W-UNV
P3 EM	CEILING PENDANT MOUNTED	35 WATTS LED UNV	SAME AS FIXTURE "P3 EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: AXIS LIGHTING STLDI-4-SLI-500-DML-600-80-35 -W-UNV
P4	CEILING PENDANT MOUNTED	87 WATTS LED UNV	CONTINUOS LINEAR SLOT DIRECT/INDIRECT WALL LIGHT. 400 LUMENS PER FOOT DIRECT AND 600 LUMENS PER FOOT INDIRECT. 35K COLOR TEMPERATURE. 90 CRI. LENGTHS AS PER PLAN	MANUFACTURER: MARK LIGHTING S1LIDP-OPP-PER PLAN-90CRI-35K- 200LMF-I90CRI-I35K-I400LMF-MIN1- MVOLT-WHT-36A-RDCY-WHTCY-WCRD
P4 EM	CEILING PENDANT MOUNTED	87 WATTS LED UNV	SAME AS FIXTURE "P4" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: MARK LIGHTING \$1LIDP-OPP-XXFT-90CRI-35K- 200LMF-I90CRI-I35K-I400LMF-MIN1- MVOLT-WHT-36A-RDCY-WHTCY-WCRD
P5-B	CEILING PENDANT MOUNTED	45 WATTS LED UNV	20" DIAMETER X 5" HEIGHT. GREEN IN COLOR. WHITE FINISH. SINGLE STEM MOUNT. NICKEL TONE STEM FINISH 35K COLOR TEMPERATURE.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-G-SSM-N T-35K
P5-B EM	CEILING PENDANT MOUNTED	45 WATTS LED UNV	SAME AS FIXTURE "P5-B" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-G-SSM-N T-35K
P5-W	CEILING PENDANT MOUNTED	45 WATTS LED UNV	20" DIAMETER X 5" HEIGHT. WHITE IN COLOR. WHITE FINISH. SINGLE STEM MOUNT. NICKEL TONE STEM FINISH 35K COLOR TEMPERATURE.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-WH-SSM- T-35K
P5-W EM	CEILING PENDANT MOUNTED	45 WATTS LED UNV	SAME AS FIXTURE "P5-W" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-WH-SSM- T-35K
P5-G	CEILING PENDANT MOUNTED	45 WATTS LED UNV	20" DIAMETER X 5" HEIGHT. GREEN IN COLOR. WHITE FINISH. SINGLE STEM MOUNT. NICKEL TONE STEM FINISH 35K COLOR TEMPERATURE.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-G-SSM-N T-35K
?5–G EM	CEILING PENDANT MOUNTED	45 WATTS LED UNV	SAME AS FIXTURE "P5-G" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: BROWNLEE LIGHTING MODEL #2680-20-49-45W-G-SSM-N T-35K
P6	CEILING PENDANT MOUNTED  CEILING PENDANT	3 WATTS LED UNV  3 WATTS LED	DECORATIVE PENDENT . CYLINDER DIFFUSER. 9" STEM LENGTH. 35K COLOR TEMPERATURE. BRUSHED ALUMINUM FINISH.  SAME AS FIXTURE "P6" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: ACUITY BRANDS— HEALTHCARE LIGHTING #HPP1—9ST—MVOLT—CYL—LRG—35K—ZT— MIN5—INT—BA  MANUFACTURER: ACUITY BRANDS— HEALTHCARE LIGHTING #HPP1—9ST—MVOLT—CYL—LRG—35K—ZT—
EM WM1	SURFACE WALL MOUNTED	UNV  20 WATTS LED	8' LINEAR SLOT INDIRECT WALL LIGHT. 400 LUMENS PER FOOT. 35K COLOR TEMPERATURE. 90 CRI.	#HPP1-9S1-MVOL1-CYL-LRG-35K-21- MIN5-INT-BA  MANUFACTURER: MARK LIGHTING MODEL #S1LWI-LLP-8FT-MSL8-I90CRI- I35K-I400LMF-MIN1-MVOLT-WHT-ZT-D
WM1 EM	SURFACE WALL MOUNTED	UNV  20 WATTS  LED  UNV	SAME AS FIXTURE "WM1" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	MANUFACTURER: MARK LIGHTING MODEL #S1WI-LLP-8FT-MSL8-I90CRI- I35K-I400LMF-MIN1-MVOLT-WHT-ZT-D







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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 ELECTRICAL SCHEDULES

SEAL & SIGNATURE DATE: 11/07/19 PROJECT No: 9200 DRAWING BY: BGA BGA CHK BY: DWG No: E2-601

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