GENERAL NOTES

1. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. CONTRACTOR SHALL FURNISH ALL NECESSARY OUTLETS, SUPPORTS, FITTINGS AND ACCESSORIES TO FULFILL APPLICABLE CODES, REGULATIONS, BUILDING STANDARDS AND THE BEST PRACTICES OF THE TRADE FOR FIRST CLASS ELECTRICAL INSTALLATION.
2. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALED DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND ELEVATION OF ALL ELECTRICAL EQUIPMENT SHALL BE COORDINATED IN FIELD WITH RESPECTIVE CONTRACTOR/OWNER.
3. WHERE PANELBOARDS, SWITCHES, CIRCUIT BREAKERS, ETC. ARE EXISTING AND TO BE REUSED THE CONTRACTOR SHALL CLEAN AND REFURBISH THE EQUIPMENT. THIS SHALL INCLUDE TIGHTENING ALL CONNECTIONS, REPLACING DEFECTIVE MECHANISMS AND PROVIDING ALL REQUIRED AND NECESSARY MISCELLANEOUS COMPONENTS SO THAT THE EQUIPMENT SHALL BE IN PERFECT WORKING ORDER.
4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER PRIOR TO SUBMISSION OF BID TO DETERMINE WHAT WORK MUST BE PERFORMED AFTER NORMAL BUSINESS HOURS. UNLESS OTHERWISE DIRECTED ANY NOISY WORK (CHOPPING, CORE DRILLING, HAMMERING, ETC.) AND BUILDING POWER INTERRUPTIONS SHALL BE PERFORMED OUTSIDE OF NORMAL BUSINESS HOURS. CONFIRM NORMAL BUSINESS HOURS WITH BUILDING OWNER. NO ADDITIONAL COST WILL BE CHARGED TO OWNER FOR WORK PERFORMED OUTSIDE NORMAL BUSINESS HOURS.
5. ALL WORK WHERE SHOWN WITH DARK/SOLID LINES ON THE DRAWINGS IS NEW UNLESS OTHERWISE NOTED. WHERE SHOWN WITH DASHED LINES WITH LETTER (E) IS EXISTING TO REMAIN, WITH LETTER (R) IS EXISTING TO BE REMOVED, WITH LETTER (ER) IS EXISTING RELOCATED, WITH LETTER (RN) IS EXISTING TO BE REPLACED WITH NEW AND WITH LETTER (RR) IS EXISTING TO BE REMOVED AND RELOCATED.
6. CIRCUIT NUMBERS TO EXISTING PANELS ARE SHOWN FOR INTENT ONLY. ACTUAL CIRCUIT NUMBERS TO BE USED SHALL BE 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.

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

GENERAL REMOVAL NOTES

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

DISPOSAL OF MERCURY CONTAINING LAMPS

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

BID PROJECTS

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

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.

ABBREVIATIONS

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

LEGEND

A	2'x4' FLUORESCENT CEILING MOUNTED LIGHT FIXTURE. UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCH CONTROL. FIXTURE SCHEDULE DENOTES TYPE.
EM LWK	2'x4' CEILING MOUNTED FLUORESCENT LIGHT FIXTURE FOR EMERGENCY OPERATION. 'EM' INDICATES SWITCHED EMERGENCY FIXTURE, 'EM/NL'-UNSWITCHED EMERGENCY/NIGHT FIXTURE (TYP.).
B a	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.
C a	1'x4' FLUORESCENT CEILING MOUNTED FIXTURE. CAPITAL LETTER INDICATES TYPE, LOWER CASE LETTER INDICATES SWITCH CONTROL. FIXTURE SCHEDULE DENOTES TYPE.
	1'x4' CEILING MOUNTED FLUORESCENT LIGHT FIXTURE FOR EMERGENCY OPERATION WITH INTEGRAL BATTERY BACK-UP, TEST BUTTON AND L.E.D.
D	4' FLUORESCENT CEILING MOUNTED COMMERCIAL STRIPLITE. LETTER INDICATES TYPE. FIXTURE SCHEDULE DENOTES TYPE.
F	CEILING/WALL MOUNTED INCANDESCENT OR COMPACT FLUORESCENT FIXTURE. LETTER INDICATES TYPE. FIXTURE SCHEDULE DENOTES TYPE.
	CEILING/WALL MOUNTED EXIT LIGHT WITH OUTLET BOX. DIRECTIONAL ARROWS SHADED PORTION INDICATES ILLUMINATED FACE. SCHEDULE DENOTES TYPE.
	WALL MOUNTED EMERGENCY LIGHT FIXTURE WITH INTEGRAL BATTERY BACK-UP.
K a	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.
S	FLUSH WALL MOUNTED 3-WAY LIGHTING CONTROL SWITCH.
S 4	FLUSH WALL MOUNTED 4-WAY LIGHTING CONTROL SWITCH.
VS	FLUSH WALL MOUNTED PIR VACANCY SENSOR LIGHTING CONTROL SWITCH, SIMILAR TO WATTSTOPPER CS-50. (MANUAL ON, AUTO OFF)
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.
J	CEILING/WALL MOUNTED JUNCTION BOX.
J	FLUSH FLOOR MOUNTED JUNCTION BOX
3	HOMERUN TO DESIGNATED PANEL, ARROWHEAD INDICATES SINGLE POLE CIRCUIT. HOMERUN SHALL CONSIST OF 2#12-3/4"C U.O.N.
2,(4,6)	HOMERUN TO DESIGNATED PANEL, NUMBERS IN PARENTHESIS INDICATE MULTIPLE CIRCUIT, I.E. 3-HOTS AND 1-GROUND U.O.N.
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	NEW
	125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE WALL MOUNTED TAMPER RESISTANCE DUPLEX RECEPTACLE SIMILAR TO HUBBELL #5362WTR.
	SAME AS ABOVE EXCEPT DOUBLE DUPLEX RECEPTACLE.
	30AMP-2P TWIST LOCK OUTLET
	20A FLUSH WALL MOUNTED GROUND FAULT INTERRUPTING TYPE DUPLEX RECEPTACLE HUBBELL #GF5362.
F	QUAD RECEPTACLE SHOWN FOR COORDINATION PURPOSES ONLY. RECEPTACLE PROVIDED BY FURNITURE VENDOR. EC TO PROVIDE POWER TO THE ELECTRIFIED JUNCTION BOX AND MAKE CONNECTIONS TO THE RECEPTACLES.
	125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE WALL MOUNTED TAMPER RESISTANCE COMBINATION DUPLEX RECEPTACLE AND USB OUTLET.
	FLOOR MOUNTED LEGRAND EVOLUTION 8" SERIES POKE THRU DEVICE FLOOR MOUNTED COMBINATION POWER/DATA. FOUR 125V-1P-2W-20A QUAD RECEPTACLE AND THEN (1) DATA PORTS. PROVIDE BRUSHED ALUMINUM FINISH. LEGRAND MODEL #10ATCPAA.
OS	CEILING MOUNTED LOW VOLTAGE, DUAL TECHNOLOGY SENSOR, SIMILAR TO WATTSTOPPER MODEL# DT-300, MANUAL ON, AUTO OFF, WORK WITH LOCAL LOW VOLTAGE MOMENTARY CONTACT WALL SWITCH (LVSW-101). INCLUDE REQUIRED POWER PACKS. PROGRAM TO MAXIMUM SENSITIVITY AND TIME DELAY TO 20 MIN.
OS H	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.
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.
OS	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.
PC	NETWORK DIGITAL CEILING MOUNTED CLOSED LOOP, SINGLE ZONE PHOTO SENSOR. SIMILAR TO WATT STOPPER MODEL LMLS-400. WORKS WITH ROOM CONTROLLER.
3 WS2	NETWORK DIGITAL FLUSH MOUNTED PRESET WALL STATIONS, SIMILAR TO WATTSTOPPER MODEL LMSW-102, WORKS WITH DIGITAL ROOM CONTROLLER. INCLUDES BUTTON ENGRAVING. WS'#' DENOTES LMSW-10'#' WITH '#' OF BUTTONS. SUPERSCRIPT '3' DENOTES 3 WAY SWITCH.
WD1	NETWORK DIGITAL FLUSH MOUNTED PRESET SINGLE ZONE DIMMABLE WALL STATION, SIMILAR TO WATTSTOPPER MODEL LMSW-104, WORKS WITH DIGITAL ROOM CONTROLLER. INCLUDES BUTTON ENGRAVING AND PROGRAMMING PER ZONES: ON, RAISE, LOWER, OFF. SUPERSCRIPT '3' DENOTES 3 WAY SWITCH.
WD2	NETWORK DIGITAL FLUSH MOUNTED PRESET TWO ZONE DIMMABLE WALL STATION, SIMILAR TO WATTSTOPPER MODEL LMSW-104, WORKS WITH DIGITAL ROOM CONTROLLER. INCLUDES BUTTON ENGRAVING AND PROGRAMMING PER ZONES: A, B, RAISE, LOWER. SUPERSCRIPT '3' DENOTES 3 WAY SWITCH.
3 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.
S V	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.
S M	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. 'a' INDICATES CONTROL ZONE; '3' INDICATES 3-WAY SWITCH; '4' INDICATES 4-WAY SWITCH.
S D	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.
OC	WEATHERPROOF, EXTERIOR GRADE WALL MOUNTED OCCUPANCY SENSORS.
VFD	VARIABLE FREQUENCY DRIVE. FURNISHED BY MECHANICAL CONTRACTOR, WIRED AND INSTALLED BY ELECTRICAL CONTRACTOR. THE CONDUIT AND WIRING FROM VFD TO MECHANICAL UNIT INTER CONNECTION SHALL MATCH THE SAME SIZE AND CONDUIT AND WIRE FROM VFD TO DESIGNATED PANELBOARD. REFER TO PANEL SCHEDULE OR NOTES FOR CONDUIT WIRE AND SIZE
EPO	EMERGENCY POWER OFF KEY SWITCH/PUSH BUTTON

LEGEND

	FLUSH WALL MOUNTED DATA OUTLET CONSISTING OF A COVER PLATE WITH 1" GROMMETED OPENING AND 1" EMPTY CONDUIT WITH DRAG LINE STUBBED UP 6" ABOVE FINISHED CEILING.
	FLUSH WALL MOUNTED TELEPHONE OUTLET CONSISTING OF A COVER PLATE WITH 1" GROMMETED OPENING AND 1" EMPTY CONDUIT WITH DRAG LINE STUBBED UP 6" ABOVE CEILING.
	SURFACE MOUNTED NEW ELECTRICAL PANELBOARD.
	SURFACE MOUNTED EXISTING ELECTRICAL PANELBOARD.
240/3 60 40 WP	HEAVY DUTY TYPE DISCONNECT SWITCH WITH FINAL FLEXIBLE EQUIPMENT CONNECTION. 240 INDICATES VOLTAGE, 3 INDICATES NO. OF POLES, 60 INDICATES AMPERE RATING, NF INDICATES NON-FUSED(OR FUSE SIZE) U.O.N. REFER TO SPECIFICATION AND DRAWINGS FOR ENCLOSURE. 'WP' WHERE USED INDICATES WEATHERPROOF ENCLOSURE (NEMA 3R).
S T	THERMAL SWITCH, CUTLER-HAMMER MS SERIES MANUAL STARTERS SINGLE-PHASE 20AMP, 120V U.O.N. WHERE INDICATED WITH 'WP' PROVIDE WATERTIGHT ENCLOSURE TYPE 3.
S 2T	208 VOLT, SINGLE PHASE 2 POLE, THERMAL OVERLOAD PROTECTED TOGGLE TYPE SWITCH. SIMILAR TO EATON #AH4361 + #AH2794OG NEMA 1 ENCLOSURE.
(S)	MOTOR (F.B.O. WIRED BY ELEC.) -- NUMBER INDICATES HORSEPOWER. REFER TO PANEL SCHEDULES FOR WIRING AND OVER CURRENT PROTECTION.
F	WALL MOUNTED COMBINATION FIRE ALARM HORN/STROBE DEVICE.
F	WALL MOUNTED FIRE ALARM MANUAL PULL STATION
S	CEILING MOUNTED IONIZATION TYPE SMOKE DETECTOR
C CO	CEILING OR WALL MOUNTED CARBON MONOXIDE DETECTOR SOUNDER BASE
G	CEILING OR WALL MOUNTED GAS LEAK DETECTOR
S D	DUCT MOUNTED PHOTOELECTRIC TYPE SMOKE DETECTOR WITH (REMOTE) CONTROL RELAY MODULE FOR FAN SHUT DOWN. RELAY MODULE TO BE MOUNTED ADJACENT TO MECHANICAL EQUIPMENT. ALSO PROVIDE LOAD RELAY AS REQUIRED IF EXISTING DISCONNECT/STARTERS DO NOT HAVE A SET OF DRY CONTACTS TO TIE-IN FOR FAN SHUTDOWN.
H	CEILING MOUNTED HEAT DETECTOR
ST	WALL MOUNTED FIRE ALARM STROBE LIGHT.
FACP	FIRE ALARM CONTROL PANEL.
ANN	FIRE ALARM ALPHANUMERIC ANNUNCIATOR PANEL.
IM	INTERFACE MODULE CONSISTING OF CONTROL RELAY AND MONITOR MODULES. IN NEMA 1 ENCLOSURE. ALSO PROVIDE LOAD RELAY AS REQUIRED IF EXISTING DISCONNECT/STARTERS DO NOT HAVE A SET OF DRY CONTACTS TO TIE-IN FOR FAN SHUTDOWN.
LCP	LEHIGH SOLITAIRE STM MASTER LIGHTING CONTROL PANEL
LP	SOLITAIRE DIMMING SYSTEM MODEL #SDE-LCP AUXILIARY LCD LIGHTING CONTROL PANEL
OT A	SOLITAIRE IMPRESS ANALOG OCCUPANCY SENSOR
RC A	SOLITAIRE IMPRESS MULTI I/O CONTROLLER
WAP	WIRELESS ACCESS POINT. INSTALLED BY OWNER
GEN	GENERATOR ANNUNICATOR
CR	CARD READER.
C	CLOSED CIRCUIT TELEVISION CAMERA (CCTV). REMOVED STORED BY EC. INSTALLED BY OWNER.
CI	HAND SET RECEIVER FOR CALL-IN FUNCTION.
VA	VOICE ATENNUATOR
S	SURFACE MOUNTED MOUNTED P.A SPEAKER MATCH EXISTING.
S	CEILING MOUNTED P.A. SPEAKER MATCH EXISTING U.O.N.
S F	WALL MOUNTED COMBINATION CLOCK AND SPEAKER. 'S' WHERE USED INDICATES SURFACE MOUNTED AND 'F' WHERE USED INDICATES FLUSH MOUNTED.
	ONE (1) GANG BOX MOUNTED AT 18" A.F.F UNLESS OTHERWISE NOTED. FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. CONDUIT SHALL BE STUBBED UP 6" BELOW THE TOP OF THE BAR JOIST. CONFIRM LOCATION AND MOUNTING HEIGHT WITH AV CONSULTANT BEFORE THE START OF ANY WORK.
	TWO (2) GANG BOX MOUNTED AT 48" A.F.F UNLESS OTHERWISE NOTED. FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. CONDUIT SHALL BE STUBBED UP 6" BELOW THE TOP OF THE BAR JOIST. CONFIRM LOCATION AND MOUNTING HEIGHT WITH AV CONSULTANT BEFORE THE START OF ANY WORK
FB	FLOOR BOX TYPE: INTEGRATED FLOOR OUTLET AND AV INPUTS; FOUR (4) POWER OUTLETS. BASIS OF DESIGN: FSR FL500P-4-B. BOX SHALL BE FURNISHED AND PROVIDED BY ELECTRICAL CONTRACTOR. CONFIRM LOCATION WITH AV CONSULTANT BEFORE THE START OF ANY WORK.
S R/L	SWITCH TO CONTROL PROTECTOR SCREEN AND FIRE SH

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:

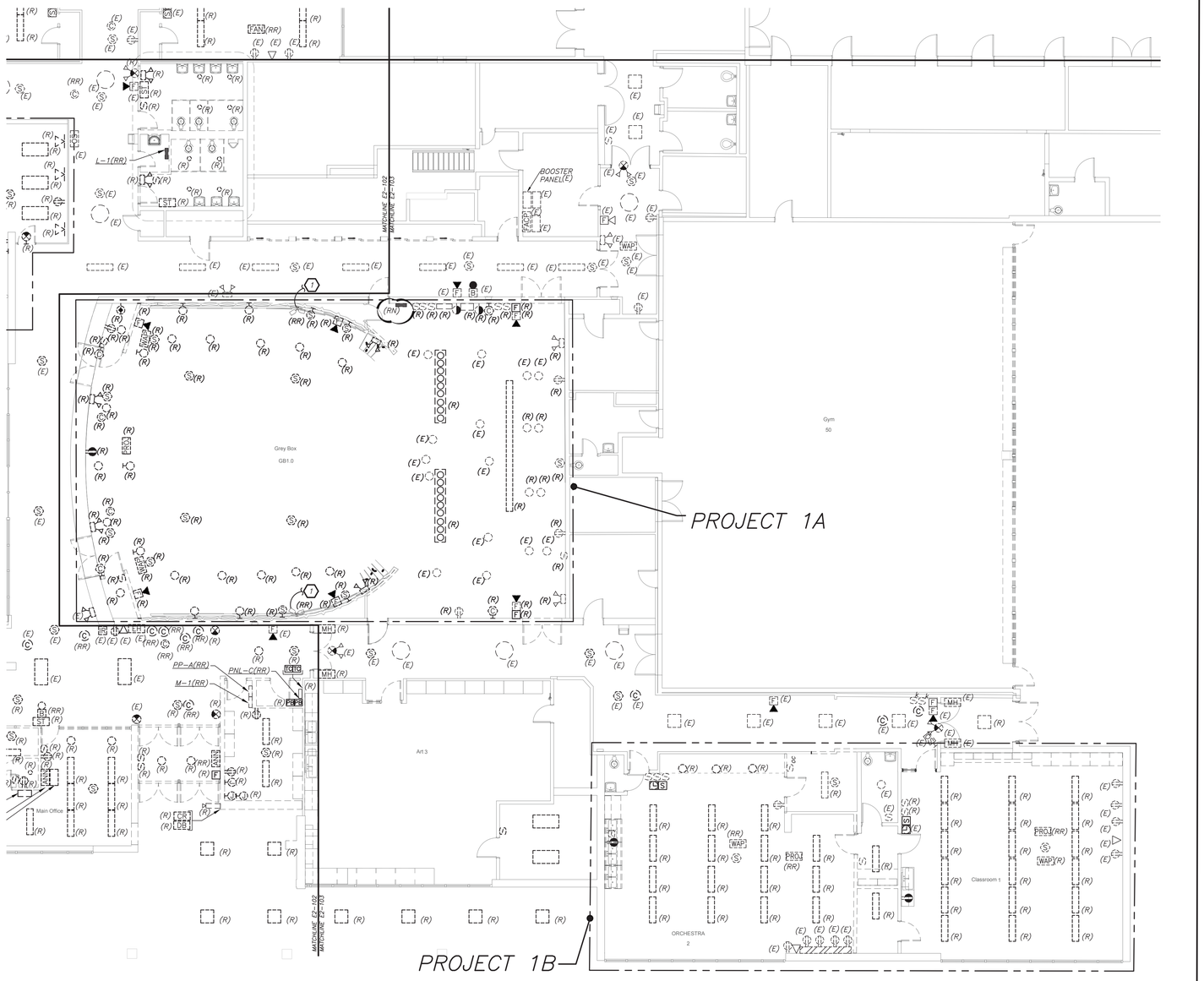
(1) ELECTRICAL CONTRACTOR SHALL REMOVE EXISTING LIGHT FIXTURES, PROTECT WITH BUBBLE WRAP, STORE, CLEAN DURING DEMOLITION WORK. ALL WIRING TO BE COILED UP AND SECURED. ONCE THE RENOVATION WORK IS COMPLETE RE-INSTALL AND RECONNECT ALL LIGHTING TO EXISTING WIRING. NEW CONTROLS TO BE PROVIDED FOR THESE LIGHTS.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

****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 WIRING.

2. ALL CEILING MOUNTED FIRE ALARM DEVICES (SMOKE DETECTORS, CARBON DETECTORS, ETC.) ANY SECURITY DEVICES (MOTION SENSORS, ETC. EXCLUDING CAMERAS) SHALL BE RE-SUPPORTED AND MAINTAINED DURING THE DURATION OF 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.



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

1 / E2-103 — 0, 8', 16' — 1/8 inch=1 foot

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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

AV Consultant
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 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:

1. NOT USED.
2. 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.
3. REFER TO LIGHTING CONTROL WIRING DIAGRAM ON DRAWING E-702 DETAIL 5 AND SPECIFICATION FOR MORE INFORMATION.
4. 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.
5. CIRCUIT EXTERIOR LIGHTING FIXTURE TYPE "Z" TO INTERIOR NORMAL LIGHTING CIRCUIT. FIXTURE SHALL BE CONTROLLED VIA INTEGRAL PHOTOCELL AND OCCUPANCY SENSOR. INCLUDE SELF CONTAINED BATTERY PACKS TO OVERRIDE ALL CONTROLS IN EVENT OF EMERGENCY.
6. PROVIDE NEW EXTERIOR EMERGENCY LIGHT FIXTURE 'Z1' AND CONNECT TO NEW EMERGENCY AND NORMAL LIGHTING CIRCUIT CONNECTED TO LVS RELAY SEE NOTE 7. FIXTURE SHALL BE CONTROLLED VIA NEW REMOTE PHOTOCELL AND OCCUPANCY SENSOR. REFER TO DETAIL 8/E2-701 FOR WIRING DIAGRAM. UPON INTERRUPTION OF NORMAL POWER ENTIRE LIGHT CIRCUIT FOR EXTERIOR LIGHT FIXTURE SHALL ILLUMINATE REGARDLESS OF PHOTOCELL OR OCCUPANCY CONTROL POSITION OF OPERATION.
7. PROVIDE UL924 RELAY SIMILAR TO LVS MODEL EPC-1-D-F TO OVERRIDE REMOTE PHOTOCELL AND OCCUPANCY SENSOR FOR EXTERIOR MOUNTED LIGHTING FIXTURE 'Z1.' CONNECT TO EMERGENCY AND NORMAL CIRCUIT SERVING THE AREA AHEAD OF ANY LOCAL SWITCHING. REFER TO DETAIL 8/E2-701 FOR ADDITIONAL INFORMATION.
7A. 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.
8. CIRCUIT EXIT LIGHTS TO THE EMERGENCY LIGHTING CIRCUIT IN THIS AREA, AHEAD OF ANY SWITCHING.

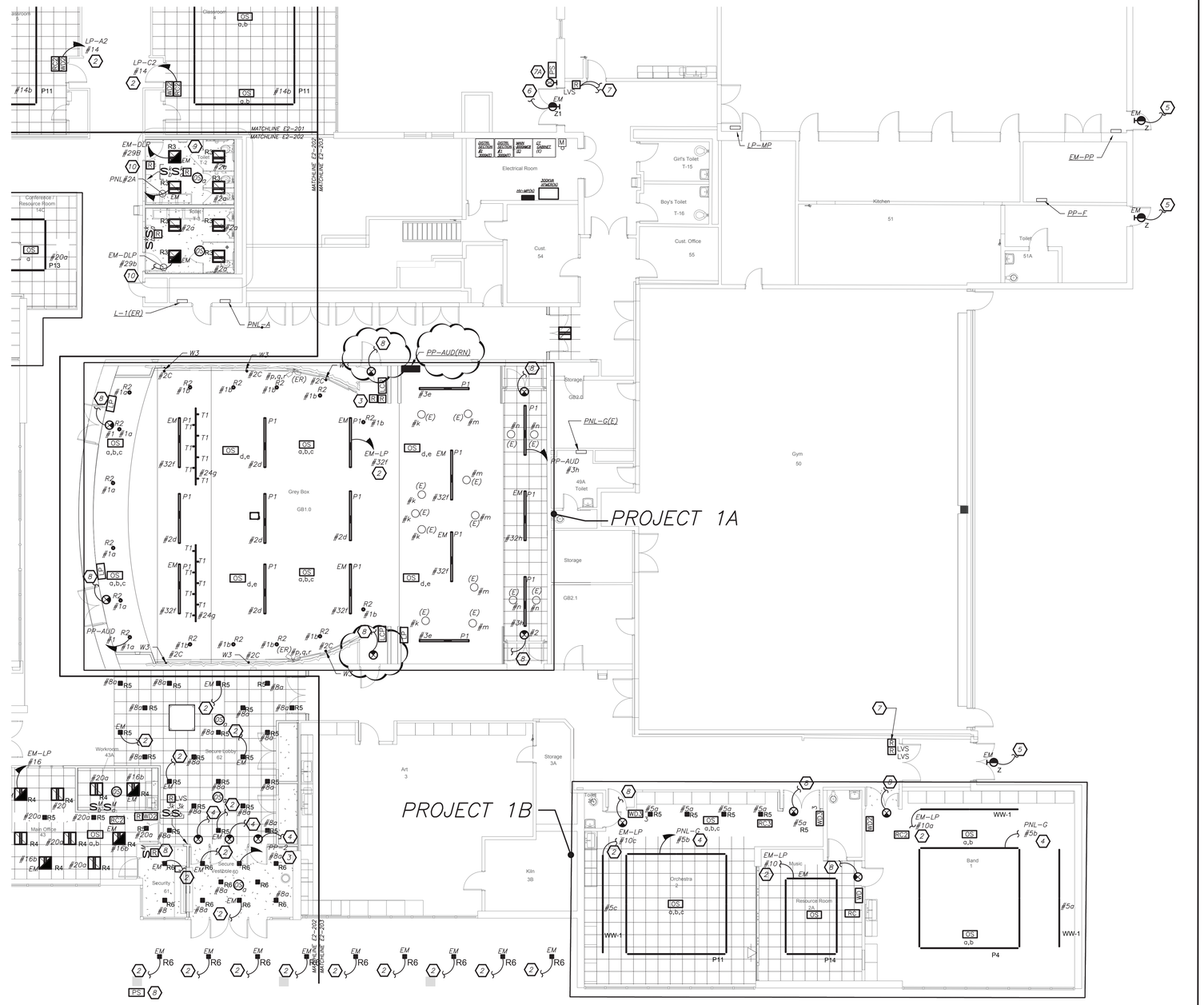
LIGHTING CONTROL AND SEQUENCE OF OPERATION:

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.



PARTIAL FIRST FLOOR LIGHTING PLAN (NEW WORK) (PROJECT 1, 1A & 1B)

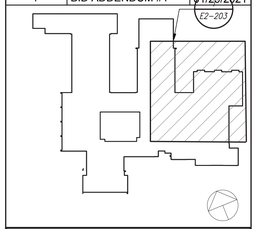
1 / E2-203

0 8' 16'
1/8 inch=1 foot

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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

AV Consultant
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 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

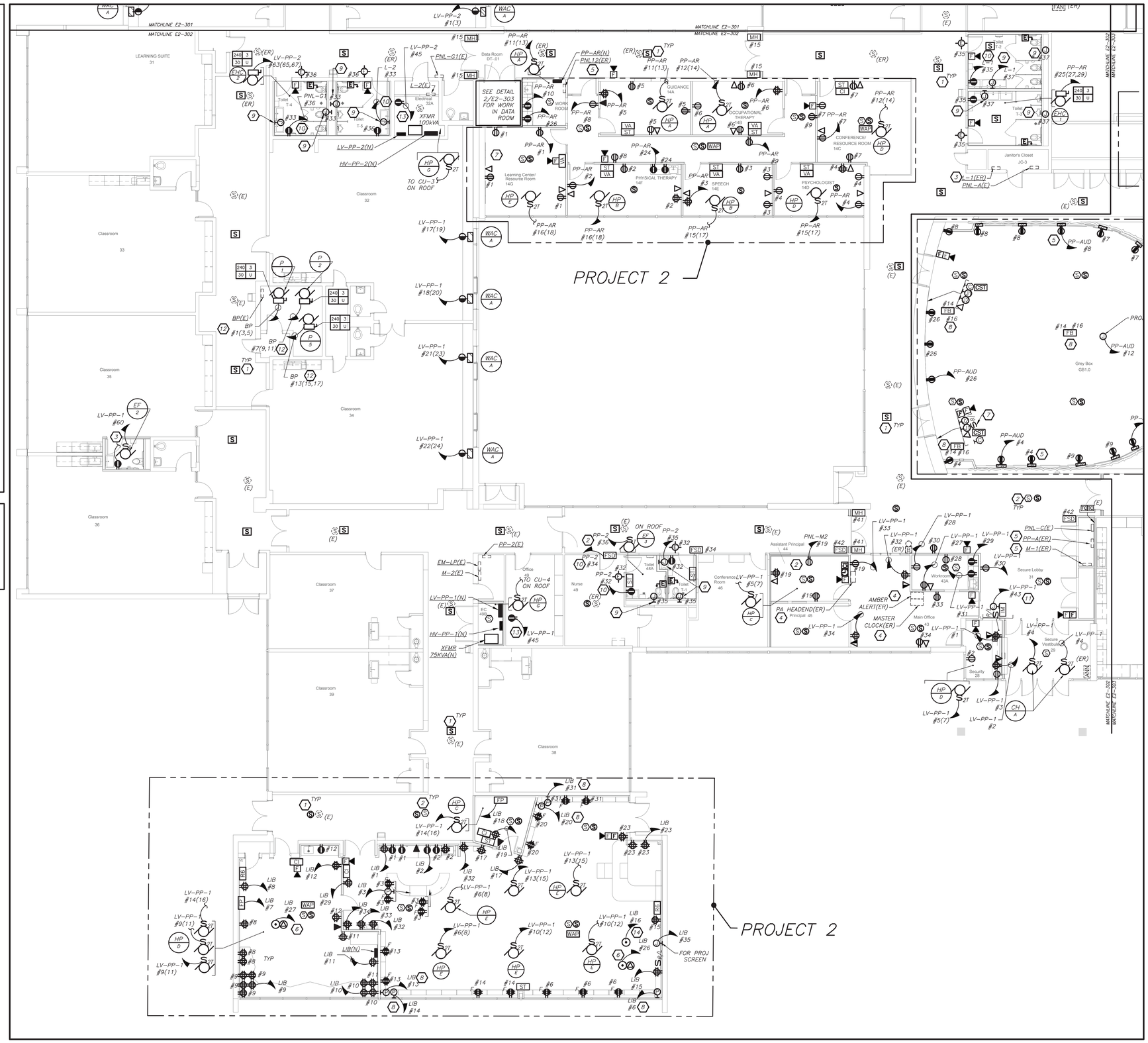
GENERAL NOTES:

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

WORK NOTES:

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

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



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

1 / E2-302

0 8' 16'
1/8 inch=1 foot

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

Revision Schedule

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

Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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

AV Consultant
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

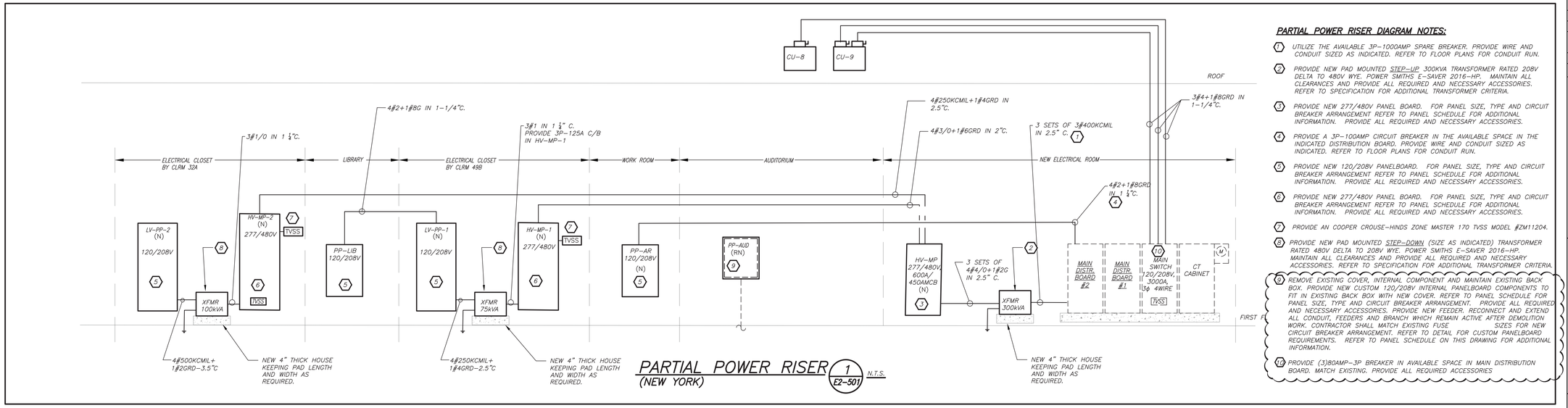
Osborn Elementary School

10 Osborn Road, Rye NY 10580

PART FIRST FLOOR POWER PLAN

PROJECT 1 & 2

SEAL & SIGNATURE	DATE: 12/18/19
	PROJECT No: 9200
	DRAWING BY: BGA
	CHK BY: BGA
	DWG No: E2-302



PARTIAL POWER RISER (NEW YORK) E2-501 N.T.S.

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.
2. PROVIDE NEW PAD MOUNTED STEP-UP 300KVA TRANSFORMER RATED 208V DELTA TO 480V WYE. POWER SMITHS E-SAVER 2016-HP. MAINTAIN ALL CLEARANCES AND PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES. REFER TO SPECIFICATION FOR ADDITIONAL TRANSFORMER CRITERIA.
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.
4. PROVIDE A 3P-100AMP CIRCUIT BREAKER IN THE AVAILABLE SPACE IN THE INDICATED DISTRIBUTION BOARD. PROVIDE WIRE AND CONDUIT SIZED AS INDICATED. REFER TO FLOOR PLANS FOR CONDUIT RUN.
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.
6. 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.
7. PROVIDE AN COOPER CROUSE-HINDS ZONE MASTER 170 TVSS MODEL #ZM11204.
8. PROVIDE NEW PAD MOUNTED STEP-DOWN (SIZE AS INDICATED) TRANSFORMER RATED 480V DELTA TO 208V WYE. POWER SMITHS E-SAVER 2016-HP. MAINTAIN ALL CLEARANCES AND PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES. REFER TO SPECIFICATION FOR ADDITIONAL TRANSFORMER CRITERIA.
9. REMOVE EXISTING COVER, INTERNAL COMPONENT AND MAINTAIN EXISTING BACK BOX. PROVIDE NEW CUSTOM 120/208V INTERNAL PANELBOARD COMPONENTS TO FIT IN EXISTING BACK BOX WITH NEW COVER. REFER TO PANEL SCHEDULE FOR PANEL SIZE, TYPE AND CIRCUIT BREAKER ARRANGEMENT. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES. PROVIDE NEW FEEDER. RECONNECT AND EXTEND ALL CONDUIT, FEEDERS AND BRANCH WHICH REMAIN ACTIVE AFTER DEMOLITION WORK. CONTRACTOR SHALL MATCH EXISTING FUSE SIZES FOR NEW CIRCUIT BREAKER ARRANGEMENT. REFER TO DETAIL FOR CUSTOM PANELBOARD REQUIREMENTS. REFER TO PANEL SCHEDULE ON THIS DRAWING FOR ADDITIONAL INFORMATION.
10. PROVIDE (3)80AMP-3P BREAKER IN AVAILABLE SPACE IN MAIN DISTRIBUTION BOARD. MATCH EXISTING. PROVIDE ALL REQUIRED ACCESSORIES

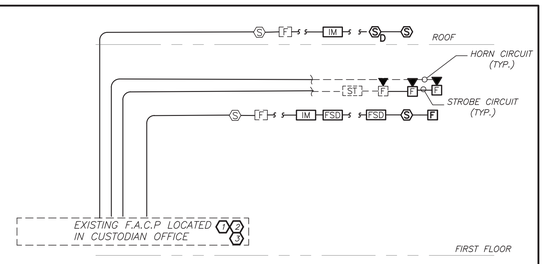
FIRE ALARM RISER GENERAL NOTES:

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.
2. 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
   C. A MINIMUM AVERAGE JACKET THICKNESS OF 25 MILS
   D. THE COLOR OF THE CABLE SHALL BE RED
   E. THE CABLE SHALL BE A TYPE FPLP (PLENUM TYPE) WHEN CONDUIT IS USED. 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.

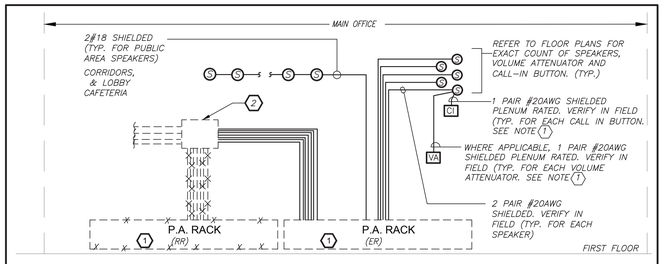
   CONFIRM WIRING TYPE AND QUANTITY WITH FIRE ALARM SYSTEM MANUFACTURER PRIOR TO PURCHASING.
5. PROVIDE MC FIRE ALARM CABLE WITH RED STRIPE AS MANUFACTURED BY AFC SERIES 1800 WHEN CABLE IS CONCEALED OR ABOVE HUNG CEILING. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN FINISHED AREAS, CABLE SHALL RUN IN WIREMOLD 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 RELAY INTERFACE SYSTEM. SEND SIGNAL TO BUILDING AUTOMATED TEMPERATURE CONTROL (ATC) SYSTEM INDICATING SHUTDOWN HAS OCCURRED. EQUIPMENT RESTART SHALL BE BY BUILDING "ATC" SYSTEM UPON FIRE ALARM RESET TO NORMAL MODE. RESTART OF EQUIPMENT SHALL BE SEQUENTIAL.
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.
2. PROVIDE ALL RELAYS, POWER SUPPLIES, WIRING, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
3. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH BASE BUILDING VENDOR OPEN SYSTEMS FOR PROGRAMMING AND MAPPING OF ALL DEVICES.

PART FIRE ALARM RISER 3 E2-501 N.T.S.



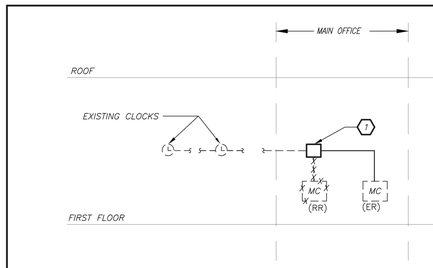
GENERAL NOTES:

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

WORK NOTES:

1. EXISTING PA RACK SHALL BE REMOVED AND RELOCATED. PROVIDE NEW SWITCH ZONE CARD, AMPLIFIER, ETC. AS REQUIRED FOR COMPLETE INSTALLATION FOR NEW ADDED DEVICES. EXISTING SYSTEM IS DUKANE AND IS LOCATED IN MAIN OFFICE.
2. PROVIDE NEW 24"X24"X6" SPLICE BOX WITH TERMINAL BLOCKS TO EXTEND ALL WIRING TO EXISTING RELOCATED PA RACK WITHIN MAIN OFFICE. SPLICING WIRING TOGETHER WITH TWIST TIES/TAPE IS NOT PERMITTED. PULL BOX SHALL BE INSTALLED ABOVE CEILING. FIRST FLOOR. REFER TO E2-102 AND E2-302 FOR ADDITIONAL INFORMATION.

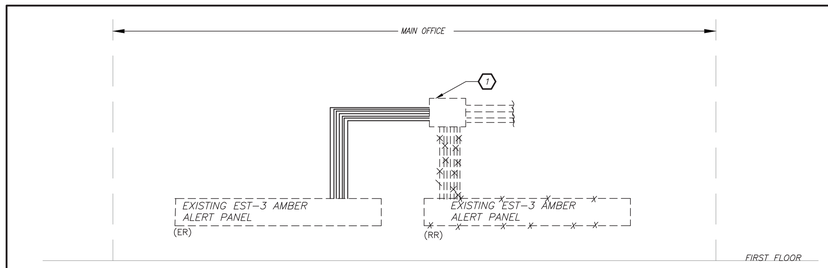
PARTIAL PUBLIC ADDRESS RISER DIAGRAM 2 E2-501 N.T.S.



CLOCK RISER WORK NOTES:

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 E2-501 N.T.S.



AMBER ALERT RISER WORK NOTES:

1. PROVIDE NEW 12"X12"X6" SPLICE BOX WITH TERMINAL BLOCKS TO EXTEND ALL WIRING TO EXISTING RELOCATED AMBER ALERT PANEL LOCATION. SPLICING WIRING TOGETHER WITH TWIST TIES/TAPE IS NOT PERMITTED. PULL BOX SHALL BE INSTALLED ABOVE CEILING. REFER TO E2-102 AND E2-302 FOR ADDITIONAL INFORMATION.

PARTIAL AMBER ALERT RISER DIAGRAM (NEW WORK) 4 E2-501 N.T.S.

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

Revision Schedule

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

Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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

AV Consultant
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

ELECTRICAL RISER

SEAL & SIGNATURE

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

WORK NOTES:

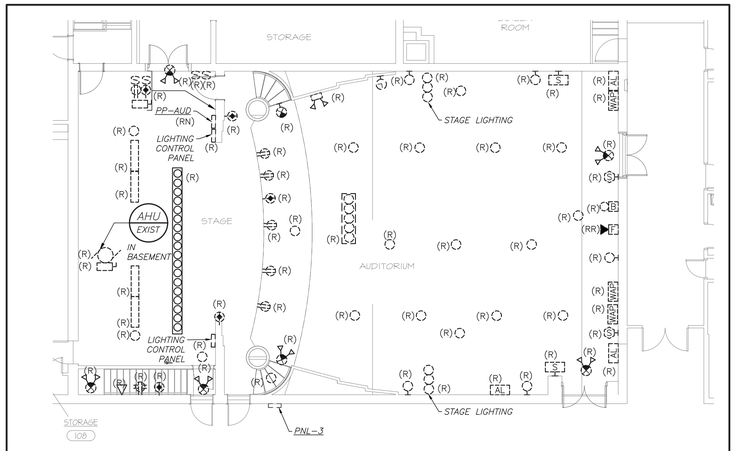
1. EMERGENCY CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. PROVIDE 2#12+1#12G IN 3/4" CONDUIT TO NEAR BY EMERGENCY LIGHTING CIRCUIT.
2. REFER TO LIGHTING CONTROL WIRING DIAGRAM ON DRAWING E-701 DETAIL 8/E-701 AND SPECIFICATION FOR MORE INFORMATION.
3. COORDINATE LOCATION AND ELEVATION OF RECEPTACLE WITH AV CONSULTANT. BEFORE THE START OF ANY WORK.
4. JUNCTION BOX TO PROVIDE POWER FOR SPEAKER. COORDINATE EXACT LOCATION WITH AV CONSULTANT BEFORE THE START OF ANY WORK.
5. COORDINATE EXACT LOCATION OF THE PROJECTION SCREEN CONTROL SWITCH WITH THE AV CONSULTANT BEFORE THE START OF ANY WORK.
6. EXACT LOCATION OF FLOOR BOX SHALL COORDINATED WITH AV CONSULTANT BEFORE THE START OF ANY WORK.

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

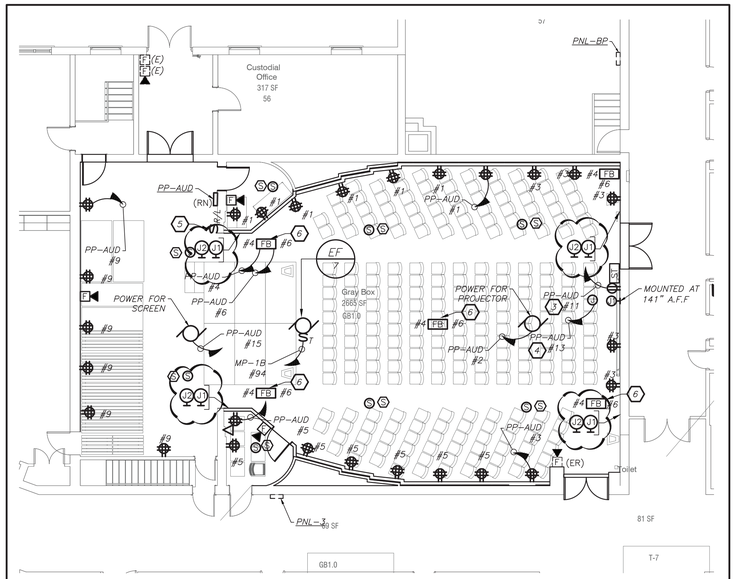
AUDITORIUM DIMMING SCHEDULE- PROJECT 1B
LIGHT DIMMER PANEL: LP

ZONE #	CIRCUIT #	AMP	LUMINAIRE LOCATION	LUMINAIRE TYPE	LOAD (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

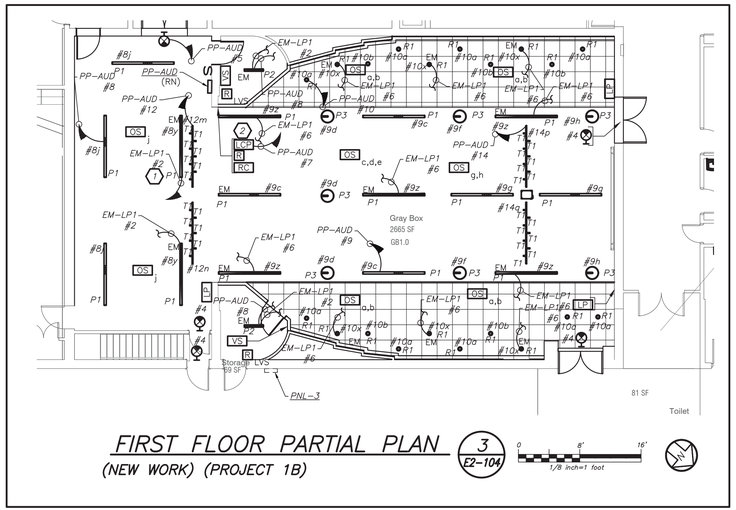
AUDITORIUM DIMMING SCHEDULE — 2 / E-104 — NO SCALE



FIRST FLOOR PARTIAL PLAN (REMOVALS) (PROJECT 1B) — 1 / E2-104 — 0, 8', 16' — 1/8 inch=1 foot



FIRST FLOOR PARTIAL PLAN (NEW WORK) (PROJECT 1B) — 2 / E2-104 — 0, 8', 16' — 1/8 inch=1 foot

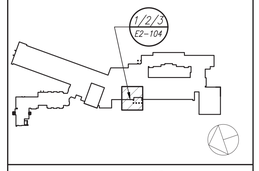


FIRST FLOOR PARTIAL PLAN (NEW WORK) (PROJECT 1B) — 3 / E2-104 — 0, 8', 16' — 1/8 inch=1 foot

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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#: 6618-0001-0003-025

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 EMERGENCY LIGHTING CONTROL AND SEQUENCE OF OPERATION:

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

WORK NOTES:

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

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

GREY BOX DIMMING SCHEDULE—PROJECT 1A
LIGHT DIMMER PANEL: LP

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

GREY BOX DIMMING SCHEDULE — 2/E2-202 — NO SCALE

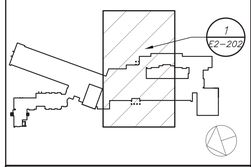


PARTIAL FIRST FLOOR PLAN (NEW YORK) (PROJECT 1A,2) — 1/E2-202 — 1/8 inch=1 foot

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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#: 6618-0001-0003-025

PROJECT

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

Midland Elementary School

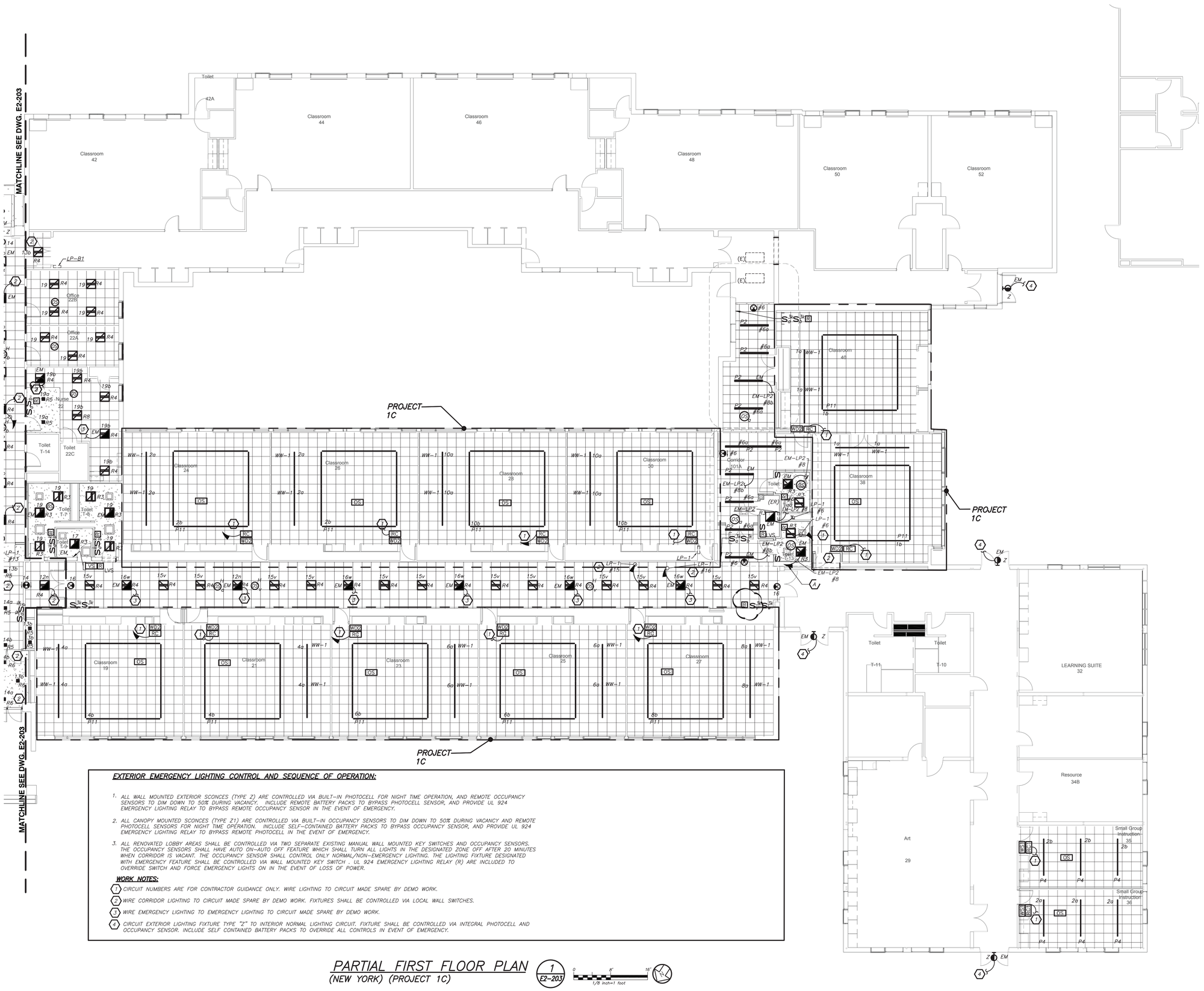
312 Midland Ave, Rye NY 10580

PARTIAL FIRST FLOOR LIGHTING PLAN

PROJECT 1A,2

SEAL & SIGNATURE

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



EXTERIOR EMERGENCY LIGHTING CONTROL AND SEQUENCE OF OPERATION:

1. ALL WALL MOUNTED EXTERIOR SCONCES (TYPE Z) ARE CONTROLLED VIA BUILT-IN PHOTOCELL FOR NIGHT TIME OPERATION, AND REMOTE OCCUPANCY SENSORS TO DIM DOWN TO 50% DURING VACANCY. INCLUDE REMOTE BATTERY PACKS TO BYPASS PHOTOCELL SENSOR, AND PROVIDE UL 924 EMERGENCY LIGHTING RELAY TO BYPASS REMOTE OCCUPANCY SENSOR IN THE EVENT OF EMERGENCY.

2. ALL CANOPY MOUNTED SCONCES (TYPE Z1) ARE CONTROLLED VIA BUILT-IN OCCUPANCY SENSORS TO DIM DOWN TO 50% DURING VACANCY AND REMOTE PHOTOCELL SENSORS FOR NIGHT TIME OPERATION. INCLUDE SELF-CONTAINED BATTERY PACKS TO BYPASS OCCUPANCY SENSOR, AND PROVIDE UL 924 EMERGENCY LIGHTING RELAY TO BYPASS REMOTE PHOTOCELL IN THE EVENT OF EMERGENCY.

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

WORK NOTES:

1. CIRCUIT NUMBERS ARE FOR CONTRACTOR GUIDANCE ONLY. WIRE LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.
2. WIRE CORRIDOR LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK. FIXTURES SHALL BE CONTROLLED VIA LOCAL WALL SWITCHES.
3. WIRE EMERGENCY LIGHTING TO EMERGENCY LIGHTING TO CIRCUIT MADE SPARE BY DEMO WORK.
4. 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.

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

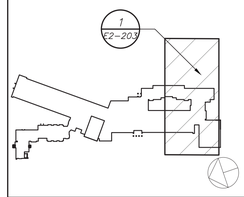
1/E2-203

0 8" 16"
1/8 inch=1 foot

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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#: 6618-0001-0003-025

PROJECT

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

Midland Elementary School

312 Midland Ave, Rye NY 10580

PARTIAL FIRST FLOOR LIGHTING PLAN

PROJECT 1C

SEAL & SIGNATURE

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

GENERAL NOTES:

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

WORK NOTES:

1. WIRE RECEPTACLE TO EXISTING RECEPTACLE CIRCUIT IN AREA.
2. PROVIDE 2#12+1#12G IN 3/4" TO CIRCUIT AS INDICATED.

MATCHLINE SEE DWG. E2-303

MATCHLINE SEE DWG. E2-302

MATCHLINE SEE DWG. E2-303

MATCHLINE SEE DWG. E2-302

PROJECT 1C

PROJECT 1C

FOR AUTOMATIC FLUSHOMETER AND FAUCETS.

FOR AUTOMATIC FLUSHOMETER AND FAUCETS.

PARTIAL FIRST FLOOR PLAN

(NEW YORK) (PROJECT 1C)

1/8 inch=1 foot

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

Revision Schedule

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

Geddis Architects

Architecture. Planning. Interiors

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

Fielding International

Transforming Education by Design

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

BARILE GALLAGHER & ASSOCIATES

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#: 6618-0001-0003-025

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Suite B-101

Midland Elementary School

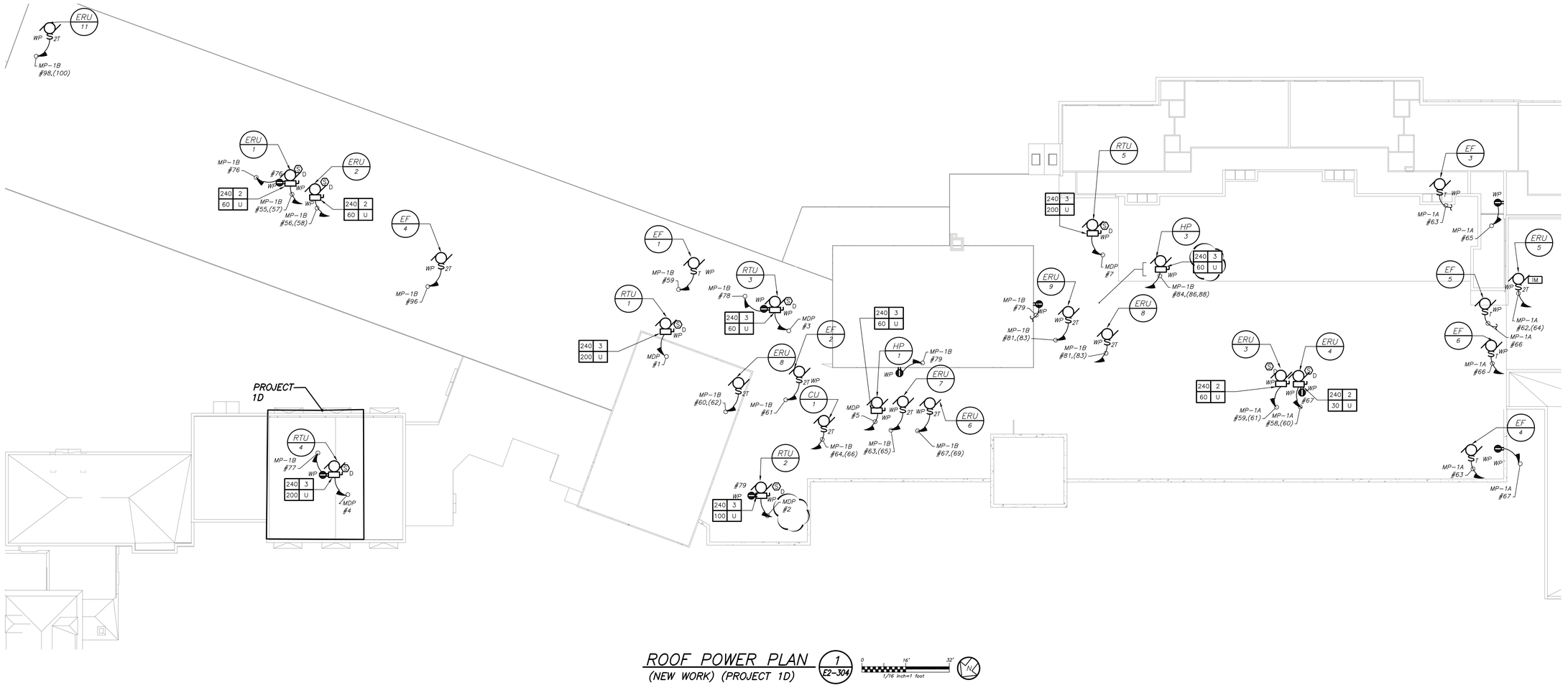
312 Midland Ave, Rye NY 10580

PARTIAL FIRST FLOOR POWER AND FIRE ALARM PLAN

PROJECT 1C

SEAL & SIGNATURE

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



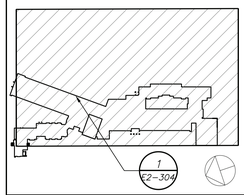
WORK NOTES:

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

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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#: 6618-0001-0003-025

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Suite B-101

Midland Elementary School

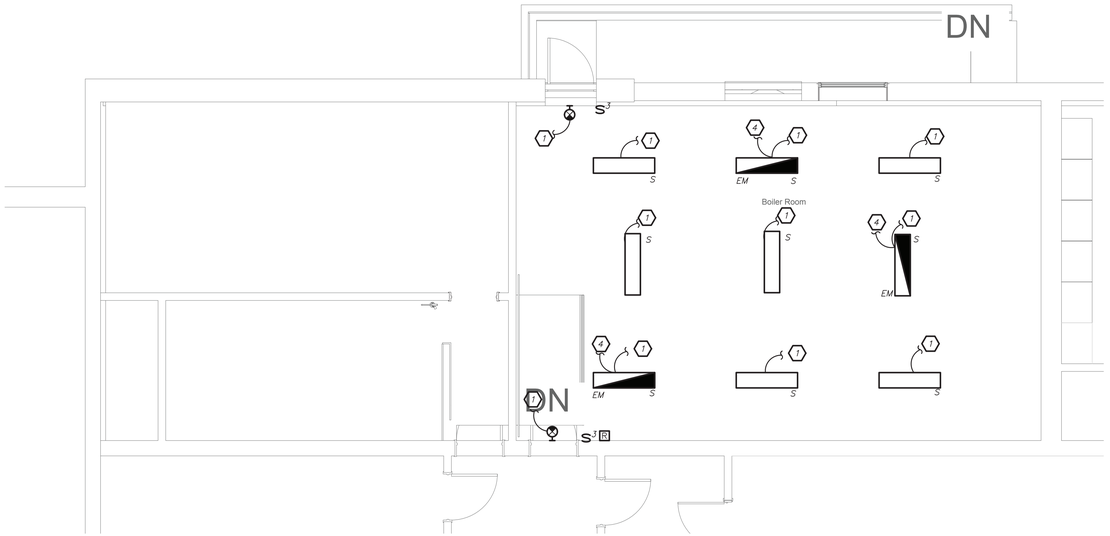
312 Midland Ave, Rye NY 10580

ROOF POWER AND FIRE ALARM PLAN

PROJECT 1D

SEAL & SIGNATURE

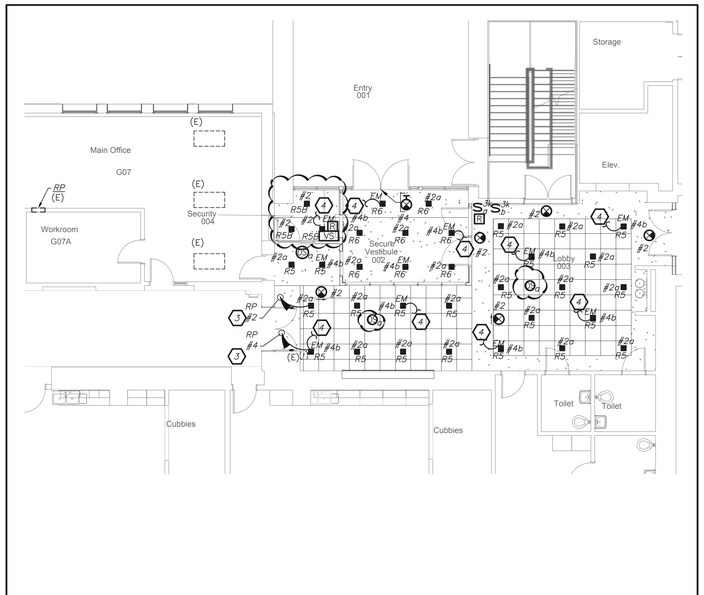
DATE: 12/18/19
PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No: E2-304



PARTIAL GROUND FLOOR PLAN
(NEW YORK)

3 E2-201

0 4' 8'
1/4 inch=1 foot



PARTIAL GROUND FLOOR PLAN
(NEW YORK)

1 E2-201

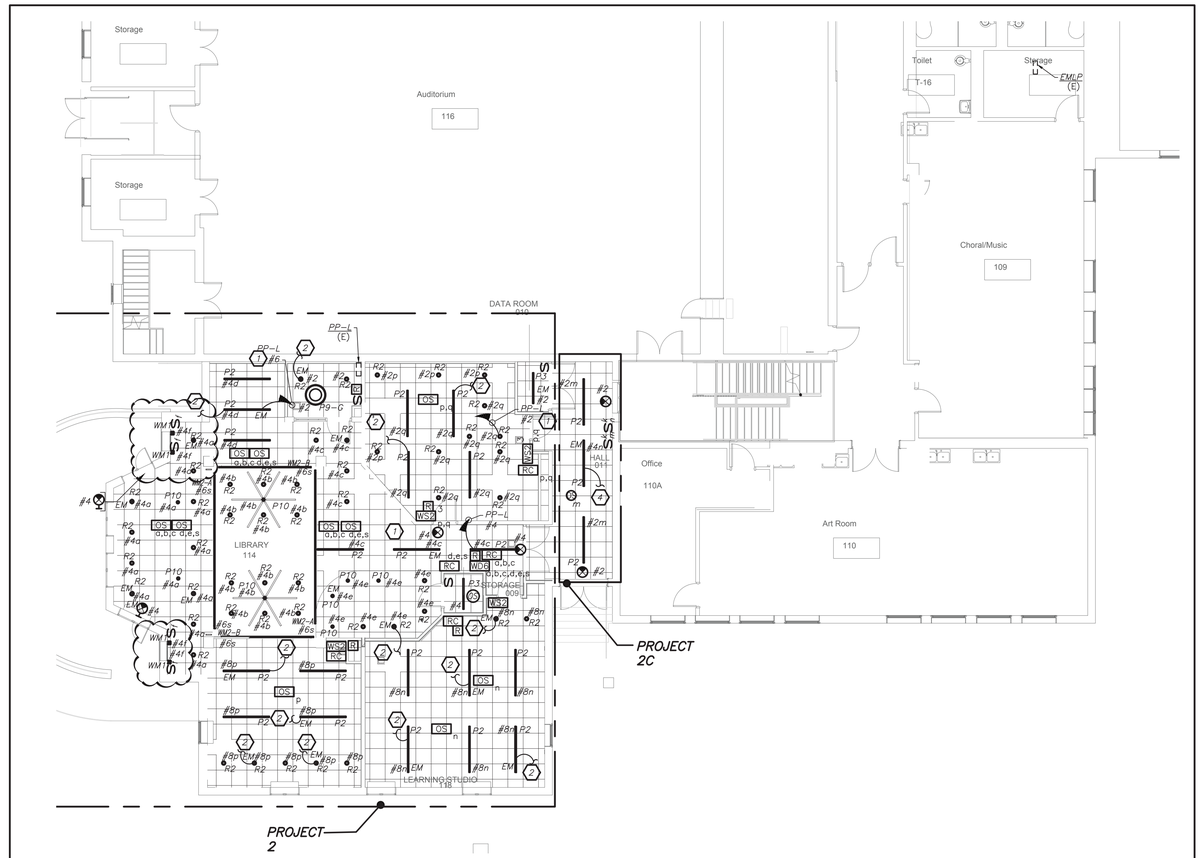
0 4' 16'
1/8 inch=1 foot

WORK NOTES:

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

LIGHTING CONTROL AND SEQUENCE OF OPERATION:

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



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

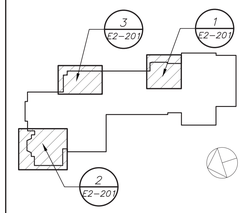
2 E2-201

0 8' 16'
1/8 inch=1 foot

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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#: 6618-0001-0002-015

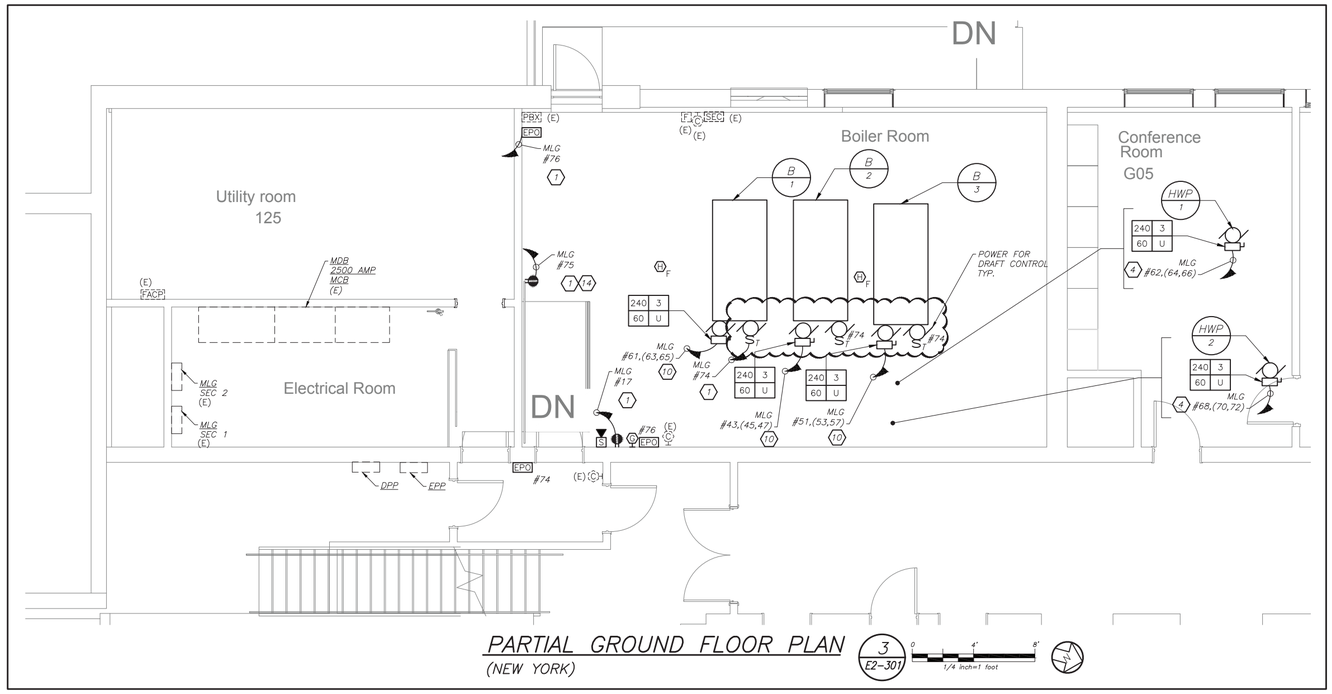
PROJECT
Rye City Schools
555 Theodore Fremd Ave, Suite B-101
Milton Elementary School
12 Hewlett St, Rye, NY 10580

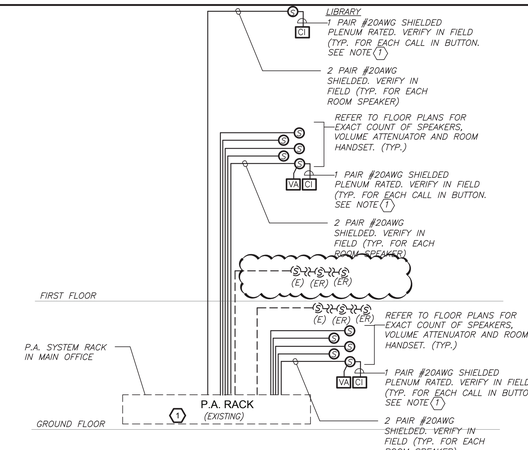
NEW ELECTRICAL LIGHTING PLAN

PROJECT 2,2C

SEAL & SIGNATURE

DATE:	02/11/20
PROJECT No:	9200
DRAWING BY:	BGA
CHK BY:	BGA
DWG No:	E2-201


DN
Utility room
125
Boiler Room
Conference Room
G05
Electrical Room
DN
MDB
2500 AMP
MCB
(E)
(E)
FACP
PBX
(E)
EPO
MLG
#76
MLG
#75
POWER FOR DRAFT CONTROL TYP.
HWP 1
HWP 2
MLG
#62,(64,66)
MLG
#68,(70,72)
MLG
#61,(63,65)
MLG
#74
MLG
#17
MLG
#43,(45,47)
MLG
#51,(53,57)
MLG
SEC 2
(E)
MLG
SEC 1
(E)
DPP
EPP
EPO
#74
#76
(E)
(E)
(E)



GENERAL NOTES:

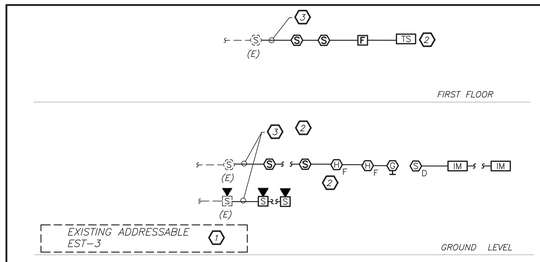
1. VERIFY EXACT QUANTITY AND LOCATION OF DEVICES ON PLAN DRAWINGS.
2. WIRING TYPES ARE SHOWN FOR REFERENCE ONLY. VERIFY EXACT WIRING REQUIREMENTS WITH MANUFACTURER.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE PLENUM RATED WIRING AND RUN EXPOSED ABOVE ACCESSIBLE CEILING. IT SHALL BE RUN IN EMT CONDUIT WHERE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

WORK NOTES:

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

PARTIAL PUBLIC ADDRESS RISER DIAGRAM

2 / E2-501 N.T.S.



FIRE ALARM SYSTEM NOTES:

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

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

   THE WIRING SHALL HAVE THE FOLLOWING CHARACTERISTICS:
   A. A MINIMUM TEMPERATURE RATING OF 150 C
   B. A MINIMUM AVERAGE INSULATION THICKNESS OF 15 MILS
   C. A MINIMUM AVERAGE JACKET THICKNESS OF 25 MILS
   D. THE COLOR OF THE CABLE SHALL BE RED.
   E. THE CABLE SHALL BE A TYPE FPLP (PLENUM TYPE) WHEN CONDUIT IS USED. 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.
7. PROVIDE MC FIRE ALARM CABLE WITH RED STRIPE AS MANUFACTURED BY AFC SERIES 1800 WHEN CABLE IS CONCEALED OR ABOVE HUNG CEILING. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN FINISHED AREAS, CABLE SHALL RUN IN WIREMOLD V-700. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN UNFINISHED AREAS, PROVIDE PLENUM RATED CABLE IN MIN. 3/4" CONDUIT.
8. STROBES SHALL HAVE A MINIMUM LIGHT OUTPUT OF 75 CANDELA AND A FLASH RATE OF 1-3 HZ.
9. WALL MOUNTED SPEAKER/STROBE UNITS SHALL NOT HAVE ANY OTHER DEVICES OR APPURTENANCES WITHIN 5 FEET OF THE DEVICE. THE ENTIRE LENS OF THE UNIT SHALL NOT BE LESS THAN 80", AND NOT GREATER THAN 96" ABOVE FINISHED FLOOR, WHILE MAINTAINING 6" BELOW THE CEILING . DEVICES SHALL BE FLUSH MOUNTED IN ALL FINISHED AREAS. PROVIDE DOUBLE DEEP DEVICE BOX IN WALL.
10. AFTER THE SYSTEM IS COMPLETE, TEST ALL COMPONENTS IN ACCORDANCE WITH SEQUENCE OF OPERATION PRIOR TO FIRE DEPARTMENT INSPECTION.
11. COORDINATE F.A WORK WITH F.A VENDOR.
12. VERIFY EXACT QUANTITIES OF FIRE ALARM DEVICES WITH PLANS.
13. ALL DEVICES SHALL BE SUPERVISED AS PER N.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.

FIRE ALARM RISER WORK NOTES:

(1) PROVIDE ALL NECESSARY EXPANSION COMPONENTS (LOOP CARDS, ETC.) BOOSTER POWER SUPPLIES, REMOTE BOOSTER POWER SUPPLIES, PROGRAMMING, UPDATE DATA BASE, TESTING, ETC. PANEL IS LOCATED IN THE ELECTRICAL ROOM ON THE LOWER LEVEL.

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

(3) CONNECT TO EXISTING LOOP

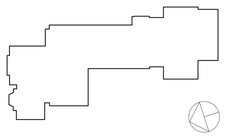
FIRE ALARM RISER DIAGRAM

1 / E2-501 N.T.S.

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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#: 6618-0001-0002-015

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

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

UNIFORM SAFETY STANDARDS COMMISIONER'S REGULATIONS 155.5

1. 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 will be tested for lead and asbestos. Note, the project folder should contain a letter regarding the presence of asbestos.
3. Statement:

   "General safety and security standards for construction projects.

   1. All construction materials shall be stored in a safe and secure manner.
   2. Fences around construction supplies or debris shall be maintained.
   3. Gates shall always be locked unless a worker is in attendance to prevent unauthorized entry.
   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.
   5. Workers shall be required to wear photo-identification badges at all times for identification and security purposes while working at occupied sites."

4. 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.

   1. 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.
   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 maintain required health, safety and educational capabilities at all times that classes are in session."
   4. A plan detailing how exiting required by the applicable building code will be maintained.
   5. A plan detailing how adequate ventilation will be maintained during construction.

5. Statement:

   "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 contaminates produced by welding, gasoline or diesel engines, roofing, paving, painting, etc. to ensure they do not enter occupied portions of the building or air intakes."

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 barrier.

   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.

DRAWINGS INDEX

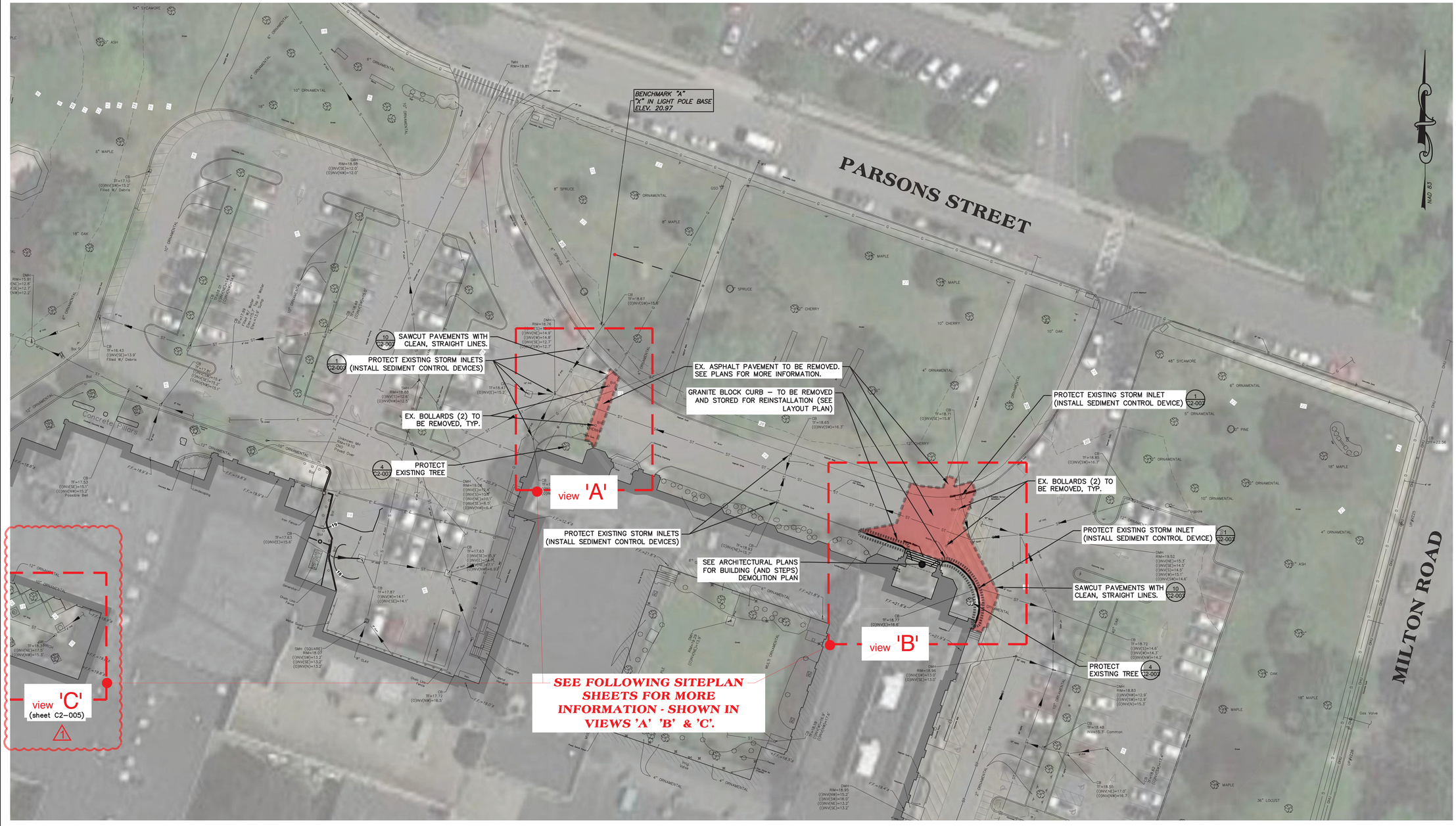
Number	Name	Current Revision	Description	Date
T2-001	TITLE SHEET - PHASE 2	4	BID ADDENDUM #1	01/29/2021
C2-001	EXISTING CONDITIONS AND DEMO	3	ISSUED FOR BID	01/19/2021
C2-002	SITE PLAN	3	ISSUED FOR BID	01/19/2021
C2-003	CONSTRUCTION DETAILS	3	ISSUED FOR BID	01/19/2021
C2-004	CONSTRUCTION DETAILS	3	ISSUED FOR BID	01/19/2021
C2-005	MIDDLE SCHOOL ENTRANCE SITEPLAN			
C2-100	EXISTING SURVEY	3	ISSUED FOR BID	01/19/2021
CIP-001	CONSTRUCTION IMPLEMENTATION PLAN - GENERAL NOTES & MILESTONE SCHEDULES	3	ISSUED FOR BID	01/19/2021
CIP-002	CONSTRUCTION IMPLEMENTATION PLAN - SITE PLAN & FIRST FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
CIP-003	CONSTRUCTION IMPLEMENTATION PLAN - SECOND PLAN & PARTIAL THIRD FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
CIP-004	CONSTRUCTION IMPLEMENTATION PLAN - STRUCTURAL PLAN & ARCHITECTURE ROOF PLAN	3	ISSUED FOR BID	01/19/2021
CIP-005	CONSTRUCTION IMPLEMENTATION PLAN - STRUCTURAL PLAN & MECHANICAL ROOF PLAN	3	ISSUED FOR BID	01/19/2021
CIP-006	CONSTRUCTION IMPLEMENTATION PLAN - BOILER PIPING & PARTIAL BASEMENT PLAN	3	ISSUED FOR BID	01/19/2021
X2-101	FIRST FLOOR CODE COMPLIANCE PLAN	3	ISSUED FOR BID	01/19/2021
X2-102	SECOND FLOOR CODE COMPLIANCE PLAN	3	ISSUED FOR BID	01/19/2021
X2-103	THIRD FLOOR CODE COMPLIANCE PLAN	3	ISSUED FOR BID	01/19/2021
X2-120	HIGH SCHOOL ENTRY and MS ILAB CODE COMPLIANCE PLAN	3	ISSUED FOR BID	01/19/2021
X2-121	THIRD FLOOR LEARNING COMMUNITY CODE COMPLIANCE PLAN	3	ISSUED FOR BID	01/19/2021
HSMS-ASB-101	FIRST FLOOR ASBESTOS ABATEMENT	3	ISSUED FOR BID	01/19/2021
HSMS-ASB-102	SECOND FLOOR ASBESTOS ABATEMENT	3	ISSUED FOR BID	01/19/2021
HSMS-ASB-103	THIRD FLOOR ASBESTOS ABATEMENT	3	ISSUED FOR BID	01/19/2021
HSMS-ASB-104	ROOF ASBESTOS ABATEMENT	3	ISSUED FOR BID	01/19/2021
D2-101	FIRST FLOOR DEMOLITION PLAN	4	BID ADDENDUM #1	01/29/2021
D2-102	SECOND FLOOR DEMOLITION PLAN	3	ISSUED FOR BID	01/19/2021
D2-103	THIRD FLOOR DEMOLITION PLAN	3	ISSUED FOR BID	01/19/2021
D2-201	EXTERIOR DEMOLITION ELEVATIONS	3	ISSUED FOR BID	01/19/2021
D2-202	EXTERIOR DEMOLITION ELEVATIONS	3	ISSUED FOR BID	01/19/2021
D2-203	EXTERIOR DEMOLITION ELEVATIONS	3	ISSUED FOR BID	01/19/2021
A2-101	HIGH SCHOOL & MIDDLE SCHOOL FIRST FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
A2-102	HIGH SCHOOL & MIDDLE SCHOOL SECOND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
A2-103	HIGH SCHOOL & MIDDLE SCHOOL THIRD FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
A2-110	ROOF PLAN	3	ISSUED FOR BID	01/19/2021
A2-111	PARTIAL ROOF PLAN	3	ISSUED FOR BID	01/19/2021
A2-112	ROOF DETAILS	3	ISSUED FOR BID	01/19/2021
A2-113	ROOF DETAILS	3	ISSUED FOR BID	01/19/2021
A2-114	ROOF DETAILS	3	ISSUED FOR BID	01/19/2021
A2-115	ROOF DETAILS	3	ISSUED FOR BID	01/19/2021
A2-201	EXTERIOR ELEVATIONS	3	ISSUED FOR BID	01/19/2021
A2-202	EXTERIOR ELEVATIONS	3	ISSUED FOR BID	01/19/2021
A2-203	EXTERIOR ELEVATIONS	3	ISSUED FOR BID	01/19/2021
A2-300	WALL TYPES	3	ISSUED FOR BID	01/19/2021
A2-301	MIDDLE SCHOOL ENTRANCE SECTIONS	3	ISSUED FOR BID	01/19/2021
A2-310	MIDDLE SCHOOL WALL SECTIONS & DETAILS	3	ISSUED FOR BID	01/19/2021
A2-311	MIDDLE SCHOOL WALL SECTIONS	3	ISSUED FOR BID	01/19/2021
A2-312	MIDDLE SCHOOL WALL SECTIONS	3	ISSUED FOR BID	01/19/2021
A2-313	STOREFRONT SYSTEM DETAILS	3	ISSUED FOR BID	01/19/2021
A2-314	STOREFRONT SYSTEM & COLUMN DETAILS	3	ISSUED FOR BID	01/19/2021
A2-315	DETAILS AT CLERESTORY AND STAIR TOWER	3	ISSUED FOR BID	01/19/2021
A2-320	THIRD FLOOR LEARNING COMMUNITY SECTION DETAILS	3	ISSUED FOR BID	01/19/2021
A2-321	THIRD FLOOR LEARNING COMMUNITY AND HS ENTRY DETAILS	3	ISSUED FOR BID	01/19/2021
A2-322	HIGH SCHOOL ENTRANCE DETAILS	3	ISSUED FOR BID	01/19/2021
A2-323	MIDDLE SCHOOL SECURITY OFFICE CASEWORK	3	ISSUED FOR BID	01/19/2021
A2-350	ELEVATOR DEMOLITION AND FLOOR PLANS	3	ISSUED FOR BID	01/19/2021
A2-351	ELEVATOR SECTIONS	3	ISSUED FOR BID	01/19/2021
A2-352	ELEVATOR VESTIBULE REFLECTED CEILING PLAN & INTERIOR ELEVATIONS	3	ISSUED FOR BID	01/19/2021
A2-400	CEILING FIXTURE AND MATERIAL LEGENDS	3	ISSUED FOR BID	01/19/2021
A2-401	FIRST FLOOR REFLECTED CEILING PLAN	3	ISSUED FOR BID	01/19/2021
A2-402	SECOND FLOOR REFLECTED CEILING PLAN	3	ISSUED FOR BID	01/19/2021
A2-403	THIRD FLOOR REFLECTED CEILING PLAN	3	ISSUED FOR BID	01/19/2021
A2-501	MIDDLE SCHOOL ENTRANCE DEMOLITION PLAN, FLOOR PLAN, REFLECTED CEILING PLAN & FLOOR FINISH PLAN	3	ISSUED FOR BID	01/19/2021
A2-502	MIDDLE SCHOOL ENTRANCE INTERIOR ELEVATIONS	3	ISSUED FOR BID	01/19/2021
A2-503	NEW STAFF OFFICES DEMOLITION PLAN AND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
A2-504	NEW STAFF OFFICES REFLECTED CEILING PLAN AND FLOOR FINISH PLAN	3	ISSUED FOR BID	01/19/2021
A2-505	MIDDLE SCHOOL OFFICE SUITE DEMOLITION PLAN AND REFLECTED CEILING PLAN	3	ISSUED FOR BID	01/19/2021
A2-506	ENLARGED FIRST FLOOR CLASSROOM DEMOLITION PLAN AND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
A2-507	ENLARGED SECOND FLOOR CLASSROOM DEMOLITION PLAN AND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
A2-508	LOUVER AND VENTILATION PLACEMENT ELEVATIONS	3	ISSUED FOR BID	01/19/2021
A2-511	HIGH SCHOOL ENTRANCE PLANS	3	ISSUED FOR BID	01/19/2021
A2-512	HIGH SCHOOL ENTRANCE PLANS	3	ISSUED FOR BID	01/19/2021
A2-513	HIGH SCHOOL ENTRANCE ELEVATION	3	ISSUED FOR BID	01/19/2021
A2-515	THIRD FLOOR LEARNING COMMUNITY DEMO DRAWINGS	3	ISSUED FOR BID	01/19/2021
A2-516	THIRD FLOOR LEARNING COMMUNITY FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
A2-517	THIRD FLOOR LEARNING COMMUNITY POWER AND TECHNOLOGY PLAN	3	ISSUED FOR BID	01/19/2021
A2-518	THIRD FLOOR LEARNING COMMUNITY REFLECTED CEILING PLAN	3	ISSUED FOR BID	01/19/2021
A2-519	THIRD FLOOR LEARNING COMMUNITY FINISH PLAN	3	ISSUED FOR BID	01/19/2021
A2-520	THIRD FLOOR LEARNING COMMUNITY INTERIOR ELEVATIONS	3	ISSUED FOR BID	01/19/2021
A2-521	THIRD FLOOR LEARNING COMMUNITY INTERIOR ELEVATIONS	3	ISSUED FOR BID	01/19/2021
A2-522	MS i-LAB DEMO PLAN AND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
A2-523	MS i-LAB POWER AND TECHNOLOGY PLAN	3	ISSUED FOR BID	01/19/2021
A2-524	MS i-LAB REFLECTED CEILING PLAN	3	ISSUED FOR BID	01/19/2021
A2-525	MS i-LAB FINISH PLANS	3	ISSUED FOR BID	01/19/2021
A2-526	MS i-LAB INTERIOR ELEVATIONS	3	ISSUED FOR BID	01/19/2021
A2-531	ENLARGED TOILET PLANS, ELEVATIONS & FINISHES	3	ISSUED FOR BID	01/19/2021
A2-532	ENLARGED TOILET PLANS, ELEVATIONS & FINISHES	3	ISSUED FOR BID	01/19/2021
A2-533	ENLARGED TOILET PLANS, ELEVATIONS & FINISHES	3	ISSUED FOR BID	01/19/2021
A2-534	ENLARGED TOILET PLANS, ELEVATIONS & FINISHES	3	ISSUED FOR BID	01/19/2021
A2-535	ENLARGED TOILET PLANS, ELEVATIONS & FINISHES	3	ISSUED FOR BID	01/19/2021
A2-601	DOOR SCHEDULE	3	ISSUED FOR BID	01/19/2021
A2-602	DOOR TYPES	3	ISSUED FOR BID	01/19/2021
A2-603	WINDOW TYPES	3	ISSUED FOR BID	01/19/2021
A2-605	INTERIOR GLAZING SCHEDULE	3	ISSUED FOR BID	01/19/2021
A2-606	CURTAIN WALL AND ENTRANCE DOOR DETAILS	3	ISSUED FOR BID	01/19/2021
A2-700	FINISH SCHEDULE & LEGEND	3	ISSUED FOR BID	01/19/2021
A2-701	FIRST FLOOR FINISH PLAN	3	ISSUED FOR BID	01/19/2021
A2-702	SECOND FLOOR FINISH PLAN	3	ISSUED FOR BID	01/19/2021
A2-703	THIRD FLOOR FINISH PLAN	3	ISSUED FOR BID	01/19/2021
A2-730	WALL GRAPHICS AND GLAZING TYPES	3	ISSUED FOR BID	01/19/2021
A2-800	CASEWORK - THIRD FLOOR - STUDENT LOCKERS	3	ISSUED FOR BID	01/19/2021
A2-801	CASEWORK - THIRD FLOOR STUDENT LOCKERS TYPE B	3	ISSUED FOR BID	01/19/2021
A2-900	FURNITURE SCHEDULE THIRD FLOOR	3	ISSUED FOR BID	01/19/2021
A2-901	FURNITURE SCHEDULE THIRD FLOOR	3	ISSUED FOR BID	01/19/2021
A2-902	FURNITURE SCHEDULE THIRD FLOOR	3	ISSUED FOR BID	01/19/2021
A2-903	FURNITURE SCHEDULE THIRD FLOOR	3	ISSUED FOR BID	01/19/2021
A2-904	FURNITURE SCHEDULE MS iLAB	3	ISSUED FOR BID	01/19/2021
A2-905	FURNITURE SCHEDULE MS iLAB	3	ISSUED FOR BID	01/19/2021
A2-906	FURNITURE SCHEDULE MS iLAB	3	ISSUED FOR BID	01/19/2021
A2-907	FURNITURE SCHEDULE HS ENTRY	3	ISSUED FOR BID	01/19/2021
A2-910	FIRST FLOOR FURNITURE PLAN	3	ISSUED FOR BID	01/19/2021
A2-911	SECOND FLOOR FURNITURE PLAN	3	ISSUED FOR BID	01/19/2021
A2-912	THIRD FLOOR FURNITURE PLAN	3	ISSUED FOR BID	01/19/2021
A2-920	FURNITURE FLOOR PLAN - THIRD FLOOR LEARNING COMMUNITY & HS ENTRANCE	3	ISSUED FOR BID	01/19/2021
A2-921	FURNITURE FLOOR PLAN - MS iLAB	3	ISSUED FOR BID	01/19/2021
A2-922	FURNITURE DETAIL - MS iLAB - TALL CABINET STORAGE WITH MOBILE CARTS A	3	ISSUED FOR BID	01/19/2021
A2-923	FURNITURE DETAIL - MS iLAB - TALL CABINET STORAGE	3	ISSUED FOR BID	01/19/2021
A2-924	FURNITURE DETAIL - MS iLAB - SINK BASE	3	ISSUED FOR BID	01/19/2021
A2-925	FURNITURE DETAIL - THIRD FLOOR WALL - STORAGE CUBBIES	3	ISSUED FOR BID	01/19/2021
A2-926	FURNITURE DETAIL - THIRD FLOOR - OPEN BOOTH SEATING	3	ISSUED FOR BID	01/19/2021
A2-927	FURNITURE DETAIL - THIRD FLOOR STORAGE CABINET	3	ISSUED FOR BID	01/19/2021
A2-928	FURNITURE DETAIL- CAVE SPACE	3	ISSUED FOR BID	01/19/2021
S2-000	GENERAL NOTES	3	ISSUED FOR BID	01/19/2021
S2-001	SCOPE OF WORK	3	ISSUED FOR BID	01/19/2021
S2-002	SCOPE OF WORK	3	ISSUED FOR BID	01/19/2021
S2-003	SCOPE OF WORK	3	ISSUED FOR BID	01/19/2021
S2-100	OVERALL FIRST FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
S2-101	OVERALL SECOND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
S2-102	OVERALL THIRD FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
S2-103	OVERALL ROOF PLAN	3	ISSUED FOR BID	01/19/2021
S2-110	MIDDLE SCHOOL ENTRANCE PLANS	3	ISSUED FOR BID	01/19/2021
S2-120	ELEVATOR FRAMING PLANS	3	ISSUED FOR BID	01/19/2021
S2-130	HIGH SCHOOL ENTRANCE PLANS	3	ISSUED FOR BID	01/19/2021
S2-140	ROOF FRAMING REINFORCEMENT PLANS	3	ISSUED FOR BID	01/19/2021
S2-141	ROOF FRAMING REINFORCEMENT PLAN	3	ISSUED FOR BID	01/19/2021
S2-200	TYPICAL FOUNDATION DETAILS	3	ISSUED FOR BID	01/19/2021
S2-300	TYPICAL MASONRY DETAILS	3	ISSUED FOR BID	01/19/2021
S2-301	MASONRY DETAILS	3	ISSUED FOR BID	01/19/2021
S2-400	TYPICAL STEEL DETAILS	3	ISSUED FOR BID	01/19/2021
S2-401	TYPICAL STEEL DETAILS	3	ISSUED FOR BID	01/19/2021
H2-101	HIGH SCHOOL & MIDDLE SCHOOL PART BASEMENT PART PLANS, LEGEND AND NOTES	3	ISSUED FOR BID	01/19/2021
H2-102	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-103	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-104	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-105	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-106	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-107	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-108	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-109	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-110	HIGH SCHOOL & MIDDLE SCHOOL PART THIRD FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-201	HIGH SCHOOL & MIDDLE SCHOOL PART BASEMENT PLANS AND BOILER PIPING DIAGRAM	3	ISSUED FOR BID	01/19/2021
H2-202	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-203	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-204	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-205	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-206	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-207	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-208	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR AND ATTIC PLAN	3	ISSUED FOR BID	01/19/2021
H2-209	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-210	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-211	HIGH SCHOOL & MIDDLE SCHOOL THIRD FLOOR PLAN	3	ISSUED FOR BID	01/19/2021
H2-212	HIGH SCHOOL & MIDDLE SCHOL PART ROOF PLAN	3	ISSUED FOR BID	01/19/2021
H2-301	HIGH SCHOOL & MIDDLE SCHOOL SCHEDULE	3	ISSUED FOR BID	01/19/2021
H2-302	HIGH SCHOOL & MIDDLE SCHOOL SCHEDULE	3	ISSUED FOR BID	01/19/2021
H2-401	HIGH SCHOOL & MIDDLE SCHOOL DETAILS	3	ISSUED FOR BID	01/19/2021
H2-402	HIGH SCHOOL & MIDDLE SCHOOL DETAILS	3	ISSUED FOR BID	01/19/2021
H2-403	HIGH SCHOOL & MIDDLE SCHOOL DETAILS	3	ISSUED FOR BID	01/19/2021
P2-101	HIGH SCHOOL & MIDDLE SCHOOL LEGEND, SCHEDULE, NOTES, FIRST AND SECOND FLOOR PLANS	3	ISSUED FOR BID	01/19/2021
P2-201	HIGH SCHOOL & MIDDLE SCHOOL PART BASEMENT FLOOR PLAN, ROOF PLAN AND DETAILS	3	ISSUED FOR BID	01/19/2021
P2-202	HIGH SCHOOL & MIDDLE SCHOOL FIRST, SECOND & THIRD FLOOR PLANS	3	ISSUED FOR BID	01/19/2021
P2-203	HIGH SCHOOL & MIDDLE SCHOOL FIRST FLOOT PART PLAN	3	ISSUED FOR BID	01/19/2021
P2-204	HIGH SCHOOL & MIDDLE SCHOOL FIRSTAND SECOND FLOOR PLANS	3	ISSUED FOR BID	01/19/2021
E2-001	LEGENDS ABBREVIATIONS AND NOTES	3	ISSUED FOR BID	01/19/2021
E2-101	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR REMOVAL PLAN	3	ISSUED FOR BID	01/19/2021
E2-102	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR REMOVAL PLAN	3	ISSUED FOR BID	01/19/2021
E2-103	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR REMOVAL PLAN	3	ISSUED FOR BID	01/19/2021
E2-104	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR REMOVAL PLAN	3	ISSUED FOR BID	01/19/2021
E2-105	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR REMOVAL PLAN	3	ISSUED FOR BID	01/19/2021
E2-106	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR REMOVAL PLAN	3	ISSUED FOR BID	01/19/2021
E2-107	HIGH SCHOOL & MIDDLE SCHOOL PART THIRD FLOOR REMOVAL PLAN	3	ISSUED FOR BID	01/19/2021
E2-108	HIGH SCHOOL & MIDDLE SCHOOL EXTERIOR REMOVAL PLAN	3	ISSUED FOR BID	01/19/2021
E2-201	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR LIGHTING PLAN	3	ISSUED FOR BID	01/19/2021
E2-202	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR LIGHTING PLAN	3	ISSUED FOR BID	01/19/2021
E2-203	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR LIGHTING PLAN	3	ISSUED FOR BID	01/19/2021
E2-204	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR LIGHTING PLAN	3	ISSUED FOR BID	01/19/2021
E2-205	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR LIGHTING PLAN	3	ISSUED FOR BID	01/19/2021
E2-206	HIGH SCHOOL & MIDDLE SCHOOL PART THIRD FLOOR LIGHTING PLAN	3	ISSUED FOR BID	01/19/2021
E2-207	HIGH SCHOOL & MIDDLE SCHOOL EXTERIOR EMERGENCY LIGHTING PLAN	3	ISSUED FOR BID	01/19/2021
E2-301	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR POWER & FIRE ALARM PLAN	3	ISSUED FOR BID	01/19/2021
E2-302	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR POWER & FIRE ALARM PLAN	3	ISSUED FOR BID	01/19/2021
E2-303	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR POWER & FIRE ALARM PLAN	3	ISSUED FOR BID	01/19/2021
E2-304	HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR POWER & FIRE ALARM PLAN	3	ISSUED FOR BID	01/19/2021
E2-305	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR POWER & FIRE ALARM PLAN	3	ISSUED FOR BID	01/19/2021
E2-306	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR POWER & FIRE ALARM PLAN	3	ISSUED FOR BID	01/19/2021
E2-307	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR POWER & FIRE ALARM PLAN	3	ISSUED FOR BID	01/19/2021
E2-308	HIGH SCHOOL & MIDDLE SCHOOL PART SECOND FLOOR POWER & FIRE ALARM PLAN	3	ISSUED FOR BID	01/19/2021
E2-309	HIGH SCHOOL & MIDDLE SCHOOL PART THIRD FLOOR & BASEMENT POWER AND FA PLAN	3	ISSUED FOR BID	01/19/2021
E2-310	HIGH SCHOOL & MIDDLE SCHOOL ROOF POWER AND FA PLAN	3	ISSUED FOR BID	01/19/2021
E2-311	HIGH SCHOOL & MIDDLE SCHOOL ELECTRICAL CONDUIT ROUTING	3	ISSUED FOR BID	01/19/2021
E2-312	HIGH SCHOOL & MIDDLE SCHOOL EXTERIOR PLAN	3	ISSUED FOR BID	01/19/2021
E2-501	HIGH SCHOOL & MIDDLE SCHOOL PART ELECTRICAL RISER	3	ISSUED FOR BID	01/19/2021
E2-502	HIGH SCHOOL & MIDDLE SCHOOL FIRE ALARM AND PA RISER	3	ISSUED FOR BID	01/19/2021
E2-601	HIGH SCHOOL & MIDDLE SCHOOL ELECTRICAL SCHEDULES	3	ISSUED FOR BID	01/19/2021
E2-602	HIGH SCHOOL & MIDDLE SCHOOL ELECTRICAL SCHEDULES	3	ISSUED FOR BID	01/19/2021
E2-701	ELECTRICAL DETAILS	3	ISSUED FOR BID	01/19/2021
E2-702	ELECTRICAL DETAILS	3	ISSUED FOR BID	01/19/2021
AVE2-001	AUDIOVISUAL KEYS, NOTES AND SCHEDULES	3	ISSUED FOR BID	01/19/2021
AVE2-101	AUDIOVISUAL PLAN - THIRD FLOOR	3	ISSUED FOR BID	01/19/2021
AVE2-102	AUDIOVISUAL PLAN - iLAB	3	ISSUED FOR BID	01/19/2021
AVE2-111	AUDIOVISUAL RCP - THIRD FLOOR	3	ISSUED FOR BID	01/19/2021
AVE2-112	AUDIOVISUAL RCP - iLAB	3	ISSUED FOR BID	01/19/2021
AVE2-201	HEARING LOOP SYSTEM LOOP WIRE LAYOUTS AND DIAGRAMS - iLAB	3	ISSUED FOR BID	01/19/2021
AVE2-202	HEARING LOOP SYSTEM LOOP WIRE LAYOUTS AND DIAGRAMS - THIRD FLOOR	3	ISSUED FOR BID	01/19/2021

LIST OF DRAWINGS TO BE PRINTED IN COLOR

T2-001 - TITLE SHEET
X2-101 - FIRST FLOOR CODE COMPLIANCE PLAN
X2-102 - SECOND FLOOR CODE COMPLIANCE PLAN
X2-103 - THIRD FLOOR CODE COMPLIANCE PLAN
X2-120 - HIGH SCHOOL ENTRY and MS iLAB CODE COMPLIANCE PLAN
X2-121 - THIRD FLOOR LEARNING COMMUNITY CODE COMPLIANCE PLAN
D2-101 - FIRST FLOOR DEMOLITION PLAN
D2-102 - SECOND FLOOR DEMOLITION PLAN
D2-103 - THIRD FLOOR DEMOLITION PLAN
D2-201 - EXTERIOR DEMOLITION ELEVATIONS
D2-202 - EXTERIOR DEMOLITION ELEVATIONS
D2-203 - EXTERIOR DEMOLITION ELEVATIONS
A2-350 - ELEVATOR DEMOLITION AND FLOOR PLANS
A2-501 - MIDDLE SCHOOL ENTRANCE DEMOLITION PLAN, FLOOR PLAN, REFLECTED CEILING PLAN AND FLOOR FINISH PLAN
A2-503 - NEW STAFF OFFICES DEMOLITION PLAN AND FLOOR PLAN
A2-505 - MIDDLE SCHOOL OFFICE SUITE DEMOLITION PLAN AND REFLECTED CEILING PLAN
A2-506 - ENLARGED FIRST FLOOR CLASSROOM DEMOLITION PLAN AND FLOOR PLAN
A2-507 - ENLARGED SECOND FLOOR CLASSROOM DEMOLITION PLAN AND FLOOR PLAN
A2-511 - HIGH SCHOOL ENTRANCE PLANS
A2-515 - THIRD FLOOR LEARNING COMMUNITY DEMO DRAWINGS
A2-517 - THIRD FLOOR POWER AND TECHNOLOGY PLAN
A2-522 - MS i-LAB DEMO PLAN AND FLOOR PLAN
A2-523 - MS i-LAB POWER AND TECHNOLOGY PLAN
A2-531 - ENLARGED TOILET PLANS, ELEVATIONS & FINISHES
A2-534 - ENLARGED TOILET PLANS, ELEVATIONS & FINISHES
A2-536 - ENLARGED TOILET PLANS, ELEVATIONS & FINISHES
A2-700 - FINISH SCHEDULE & LEGEND
AVE2-202 - HEARING LOOP SYSTEM LOOP WIRE LAYOUTS AND DIAGRAMS - iLAB
AVE2-212 - HEARINGLOOP SYSTEM LOOP WIRE LAYOUTS AND DIAGRAMS - THIRD FLOOR

BID PROJECTS

PROJECT 1: ALL WORK NOT INCLUDED IN PROJEC



1 EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE: BAR SCALE

0' 10' 20' 40'

SCALE: 1" = 20'-0"

NOTES:

1. 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
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

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

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

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

EXISTING CONDITIONS & DEMOLITION SITEPLAN

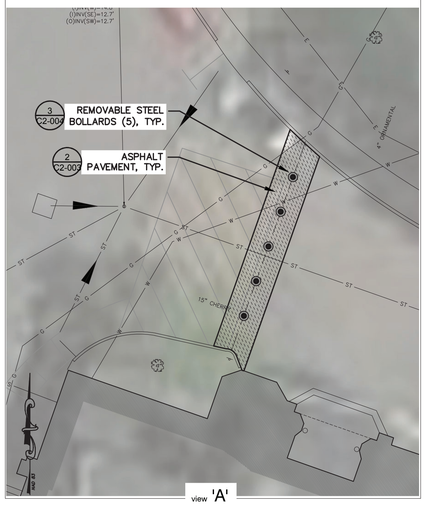
PROJECT 1

SEAL & SIGNATURE

STATE OF NEW YORK · JOSEPH F. BARILE · 081605 · PROFESSIONAL ENGINEER

DATE:	11/07/19
PROJECT No:	9200
DRAWING BY:	KSK
CHK BY:	JFB
DWG No:	C2-001

1 FILL VOIDS BELOW PAVEMENT SURFACE FROM REMOVED (EXISTING) BOLLARDS WITH STRUCTURAL FILL AND COMPACT TO 95%.

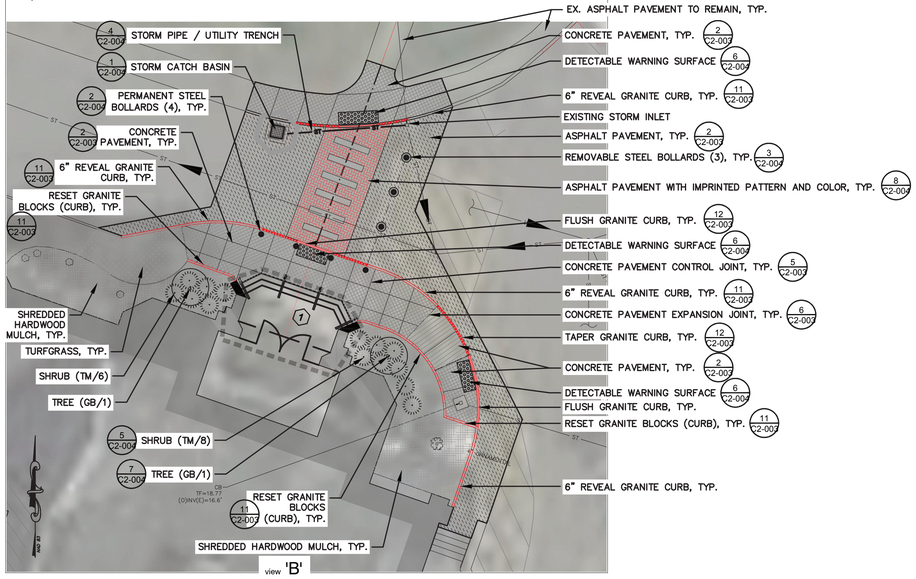


PLANTING SCHEDULE

KEY	BOTANIC NAME	COMMON NAME	QUANT.	SIZE	REMARKS
TREES					
GB	GINKGO BILOBA 'FASTIGIATA BLAGON' GOLDSPIRE	GOLDSPIRE COLUMNAR GINKGO	2	6" – 7' TALL	B&B, FULL BRANCHING, MATCHED
SHRUBS					
TM	TAXUS X MEDIA DENSIFORMIS	DENSE SPREADING YEW	14	3 GAL.	CONTAINER

1 SEE ARCHITECTURAL PLANS FOR LAYOUT OF BUILDING MODIFICATIONS AND ALL WORK ASSOCIATED WITH THE PROPOSED STEPS, STONEWORK, HANDRAILS, FOUNDATIONS, ETC...

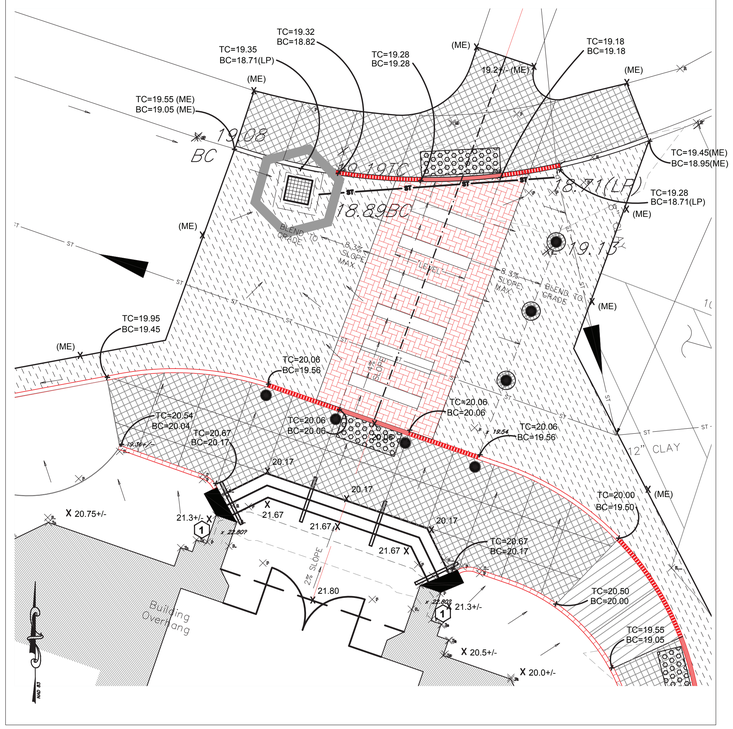
2 FILL VOIDS BELOW PAVEMENT SURFACE FROM REMOVED (EXISTING) BOLLARDS WITH STRUCTURAL FILL AND COMPACT TO 95%.



1 SITE PLAN - MATERIALS AND PLANTING
SCALE: BAR SCALE

SCALE: 1" = 10'-0"

1 RAISE FINISHED GRADES WITH TOPSOIL TO ENSURE THERE IS NO GREATER THAN 18" REVEAL FROM FINISHED GRADE TO TOP OF STONE. BLEND NEW LANDSCAPE BED/LAWN INTO EXISTING SMOOTHLY.

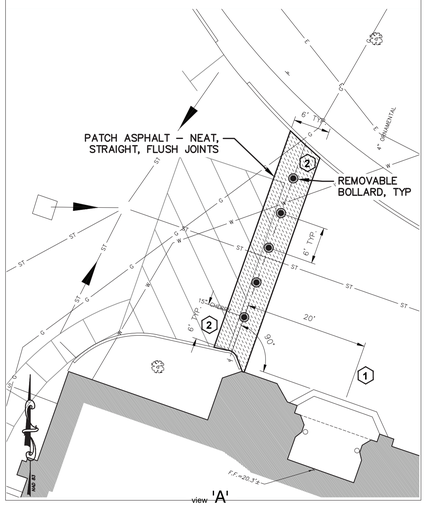


2 SITE PLAN - GRADING ENLARGEMENT AT HIGH SCHOOL ENTRANCE
SCALE: BAR SCALE

SCALE: 1" = 5'-0"

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

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

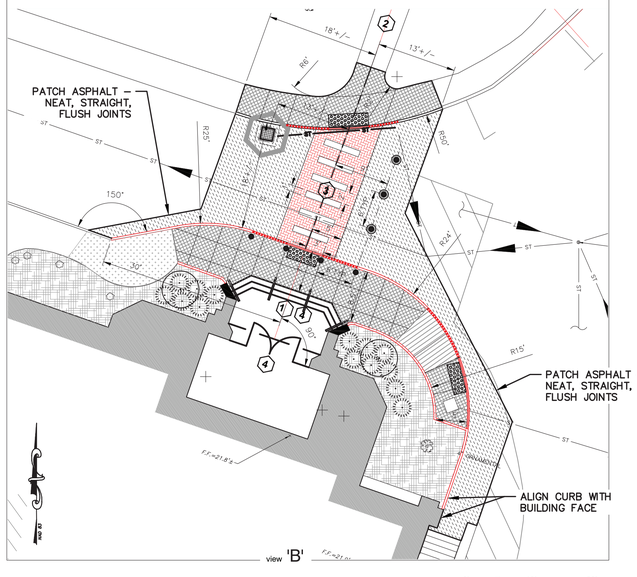


1 LAYOUT LINE 1 - CENTERLINE OF PROPOSED DOORS EXTENDED OUTWARD AT 90 DEGREES FROM THE FRONT BUILDING FACADE - TO THE PROPOSED CURB FACE.

2 LAYOUT LINE 2 - CENTERLINE OF EXISTING ASPHALT PATH FROM PARSONS STREET TOWARD BUILDING ENTRANCE.

3 LAYOUT LINE 3 - CENTERLINE OF CROSSWALK (CONNECTS CENTERLINE 1 AND 2 LISTED ABOVE) AND IS NOT PERPENDICULAR TO PROPOSED CURBFACE. PROPOSED REMOVABLE BOLLARDS ARE PARALLEL TO THIS CENTERLINE.

4 SEE ARCHITECTURAL PLANS FOR LAYOUT OF BUILDING MODIFICATIONS AND ALL WORK ASSOCIATED WITH THE PROPOSED STEPS, STONEWORK, HANDRAILS, ETC...

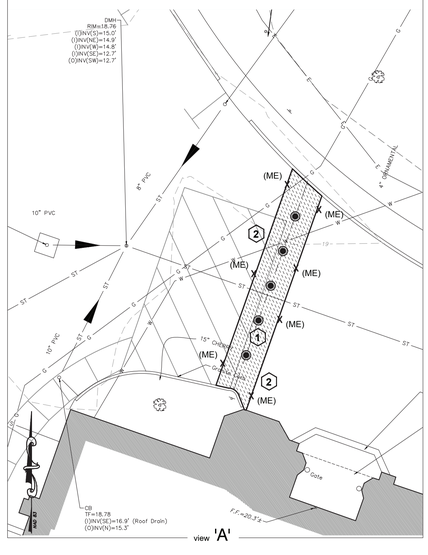


3 SITE PLAN - LAYOUT
SCALE: BAR SCALE

SCALE: 1" = 10'-0"

1 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 TOWARD STORM INLETS OR DRAINAGE PATTERNS.

2 ENSURE SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED PAVEMENT GRADES - "MATCH EXISTING" (ME). NO ABRUPT CHANGES - GRADUAL, SMOOTH TRANSITIONS, AS REQUIRED.

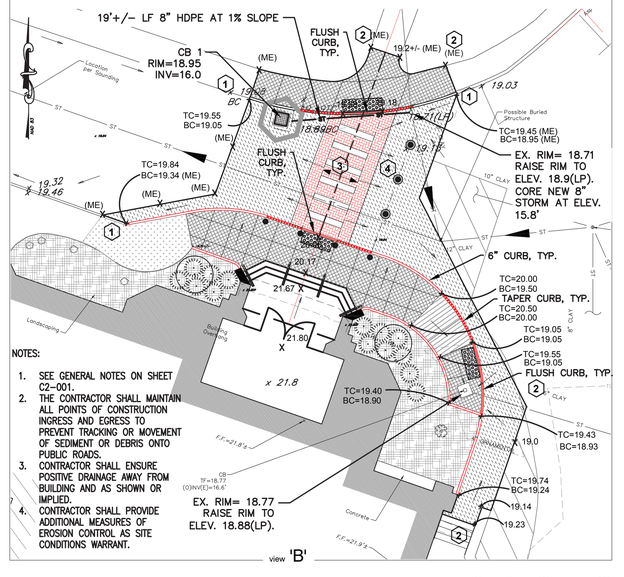


1 TRANSITION FROM PROPOSED GRANITE CURB TO EXISTING CONDITION IN LINE AND GRADE, IN A SMOOTH TRANSITION, TYPICAL.

2 SMOOTH TRANSITION TO MEET EXISTING GRADE (ME). NO ABRUPT CHANGES - GRADUAL, SMOOTH TRANSITIONS, AS REQUIRED (MEETING ADA REQUIREMENTS WHEN ALONG AN 'ACCESSIBLE ROUTE'.

3 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)

4 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).



NOTES:
1. SEE GENERAL NOTES ON SHEET C2-001.
2. THE CONTRACTOR SHALL MAINTAIN ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT TRACKING OR MOVEMENT OF SEDIMENT OR DEBRIS ONTO PUBLIC ROADS.
3. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING AND AS SHOWN OR IMPLIED.
4. CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES OF EROSION CONTROL AS SITE CONDITIONS WARRANT.

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

SCALE: 1" = 10'-0"

Revision Schedule

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

Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

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

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

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

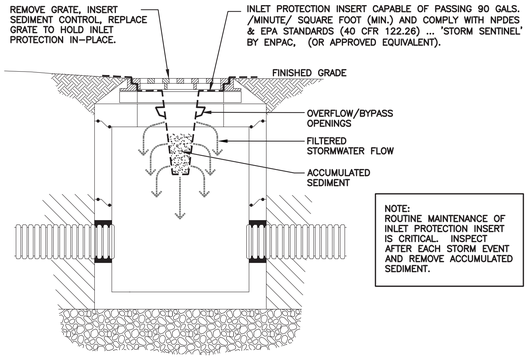
HIGH SCHOOL ENTRANCE

SITEPLAN

PROJECT 1

SEAL & SIGNATURE

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



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

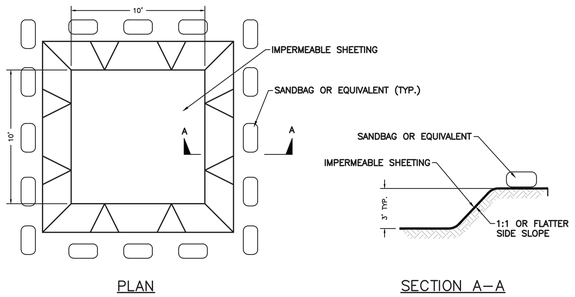
PAVING SCHEDULE

KEY	TYPE	SECTION: N.T.S.
a	CONCRETE	STIFF BROOM FINISH W2.9XW2.9 6X6 W.W.M. MIN. 2" COVER 5" CONCRETE 18" NYSDOT 304 TYPE 2 SUBBASE GEOTEXTILE MIRAFI 500X OR EQUIVALENT COMPACTED SUBGRADE
b	LIGHT DUTY ASPHALTIC CONCRETE (SIDEWALK)	1-1/2" 2-1/2" NYSDOT ITEM 402.127303 TOPCOURSE TACK COAT NYSDOT ITEM 402.257903 DENSE BINDER 10" NYSDOT ITEM 304.12 SUBBASE GEOTEXTILE MIRAFI 500X OR EQUIVALENT COMPACTED SUBGRADE MIN. CBR=10
c	HEAVY DUTY ASPHALTIC CONCRETE (ROADWAY)	2" 3" NYSDOT ITEM 402.127303 TOPCOURSE TACK COAT NYSDOT ITEM 402.257903 DENSE BINDER 14" NYSDOT ITEM 304.12 SUBBASE GEOTEXTILE MIRAFI 500X OR EQUIVALENT COMPACTED SUBGRADE MIN. CBR=10

NOTES:

1. 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.
2. EXCAVATE TRENCHES TO INDICATED GRADIENTS, LINES, DEPTHS, AND ELEVATIONS TO ALLOW INSTALLATION OF PIPE TO THE DEPTHS INDICATED.
3. 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.
4. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR ESTABLISHING THE GRADES INDICATED WITHIN THE TOLERANCE INDICATED FOR THE ESTABLISHMENT OF SUBGRADE.
5. 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.
7. 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.
8. 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.
9. 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.

2 PAVING SCHEDULE
SCALE: N.T.S.



PLAN SECTION A-A

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

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.
5. 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.

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

PROTECTION OF TREES:

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

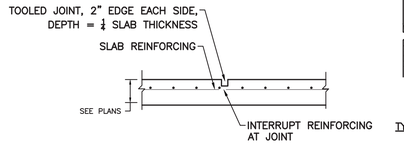
1. INSTALLATION OF SAFETY ORANGE PLASTIC FENCING (MINIMUM4' IN HEIGHT) AROUND INDIVIDUAL TREES DESIGNATED FOR PROTECTION. FENCING SHALL BE INSTALLED AT THE OUTWARD LIMIT OF THE TREE'S DRIPLINE OR EXTENT OF CANOPY COVER.
2. INSTALLATION OF SAFETY ORANGE PLASTIC FENCING (MINIMUM 4' IN HEIGHT) AROUND GROUPS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

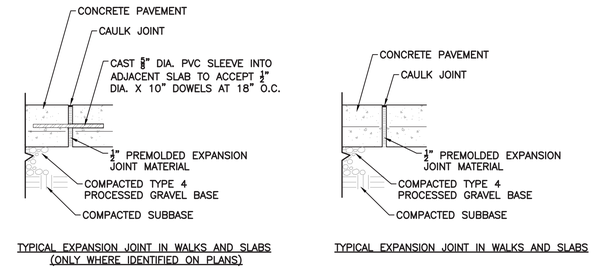
LANDSCAPE REPLACEMENT:

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.

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



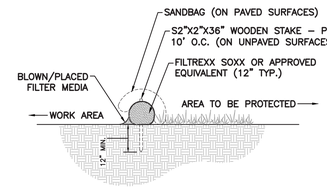
5 CONCRETE CONTROL JOINTS
SCALE: N.T.S.



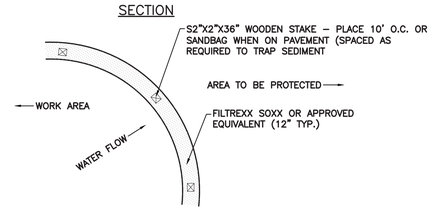
TYPICAL EXPANSION JOINT IN WALKS AND SLABS (ONLY WHERE IDENTIFIED ON PLANS)

TYPICAL EXPANSION JOINT IN WALKS AND SLABS

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



SECTION

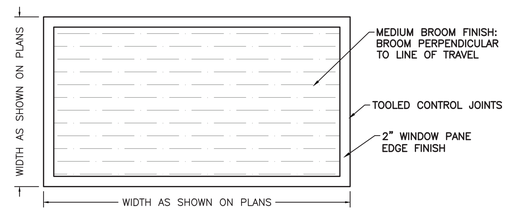


PLAN

NOTES:

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.

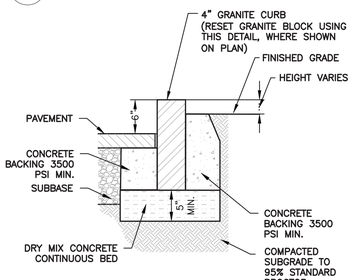
8 SILT SOCK DETAIL
SCALE: N.T.S.



NOTES:

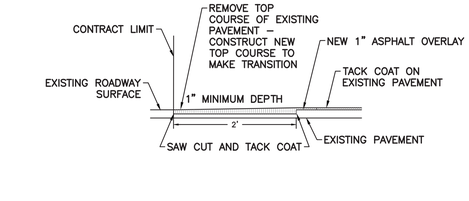
1. SEE PLANS FOR LOCATION AND TYPE OF SCORE JOINTS.
2. BROOM PERPENDICULAR TO LINE OF TRAVEL.
3. 2" WINDOW PANE EDGE FINISH.
4. DOUBLE COAT OF PENTRA-SIL 244" SEALER TO BE APPLIED TO ALL NEW CONCRETE SURFACES.

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

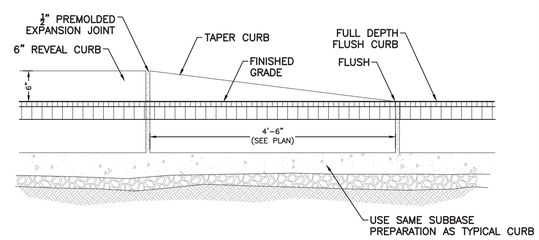


1. IN PLANTED AREAS, BACKFILL NEW GRANITE CURB WITH TOPSOIL TO LEVEL OF EXISTING GRADE.
2. IN LAWN AREAS, BACKFILL NEW GRANITE CURBS WITH TOPSOIL TO WITHIN 1" OF TOP OF CURB AND SOD. EXTEND PLACEMENT OF TOPSOIL AS DIRECTED TO FORM SMOOTH CONTOUR WITH EXISTING LAWN.
3. ALIGN NEW GRANITE CURBING WITH EXISTING CURBING AS DIRECTED.
4. INSTALL GRANITE CURB FLUSH WITH ADJACENT GRADE AS INDICATED ON PLANS. DIMENSIONS OF CONCRETE BASE & COMPACTED SUBGRADE TO REMAIN UNCHANGED.
5. CONCRETE BACKING TO EXTEND TO BOTTOM OF PAVEMENT BASE COURSE.

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



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



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

Revision Schedule

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

Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

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

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

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

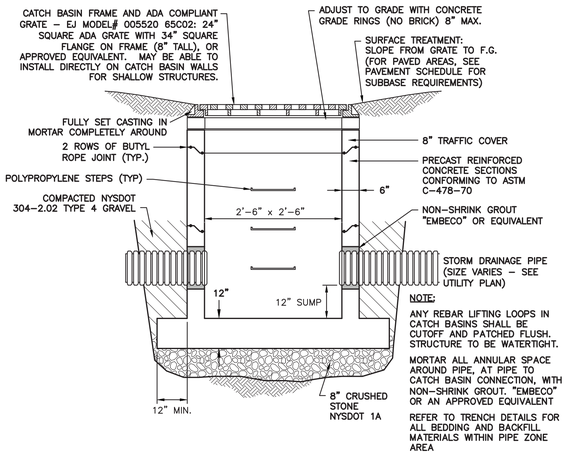
HIGH SCHOOL ENTRANCE

SITE CONSTRUCTION DETAILS

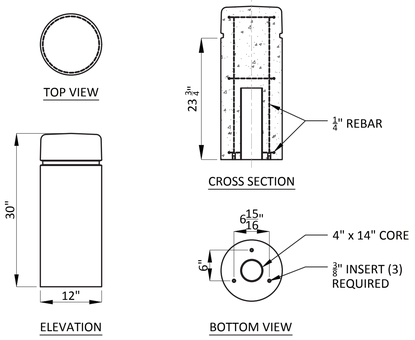
PROJECT 1

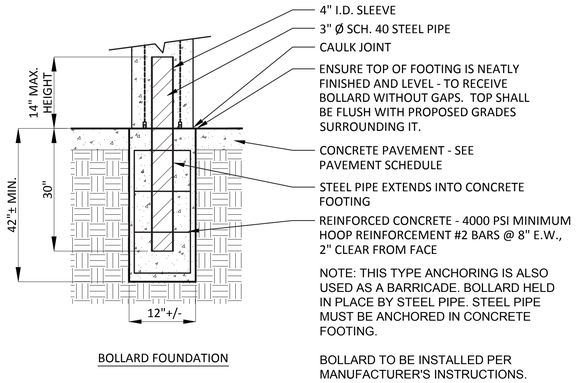
SEAL & SIGNATURE

DATE:	11/07/19
PROJECT No:	9200
DRAWING BY:	KSK
CHK BY:	JFB
DWG No:	C2-003



1 CATCH BASIN - SQUARE
SCALE: N.T.S.





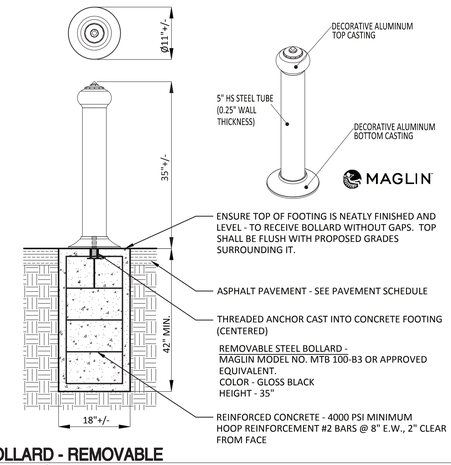
NOTE: THIS TYPE ANCHORING IS ALSO USED AS A BARRICADE. BOLLARD HELD IN PLACE BY STEEL PIPE. STEEL PIPE MUST BE ANCHORED IN CONCRETE FOOTING.

BOLLARD TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

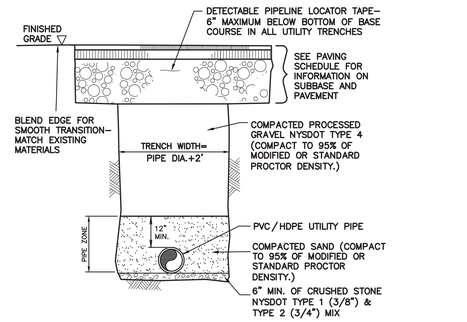
PERMANENT CONCRETE BOLLARD WITH REVEAL LINE -

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"

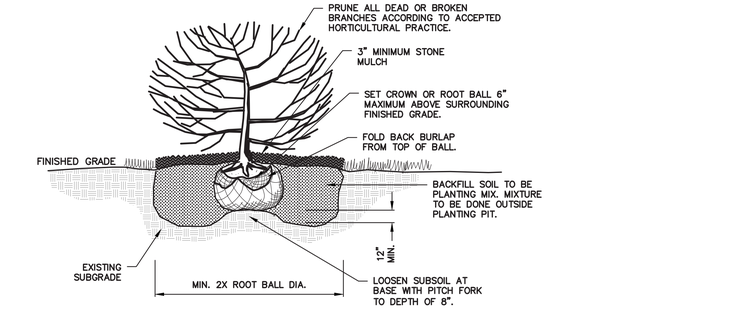
2 BOLLARD - PERMANENT
SCALE: N.T.S.



3 BOLLARD - REMOVABLE
SCALE: N.T.S.

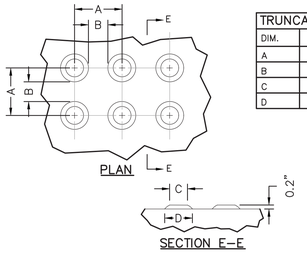


4 UTILITY TRENCH DETAIL
SCALE: N.T.S.



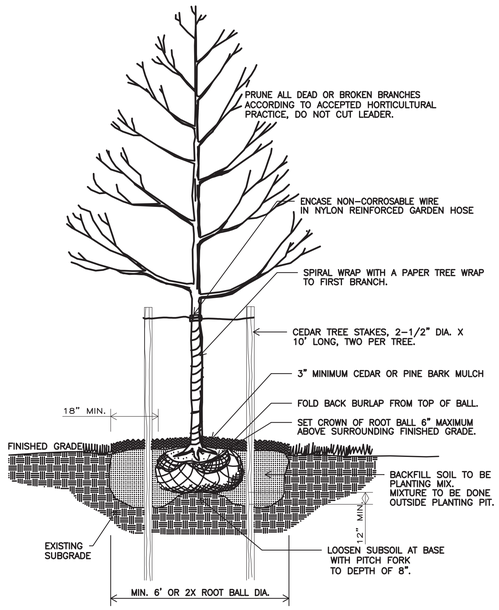
5 SHRUB PLANTING DETAIL
SCALE: N.T.S.

TRUNCATED DOME DIMENSIONS		
DIM.	MIN. (IN)	MAX. (IN)
A	1.60"	2.40"
B	0.65"	1.50"
C	50%–65% OF D DIM.	
D	0.90"	1.40"

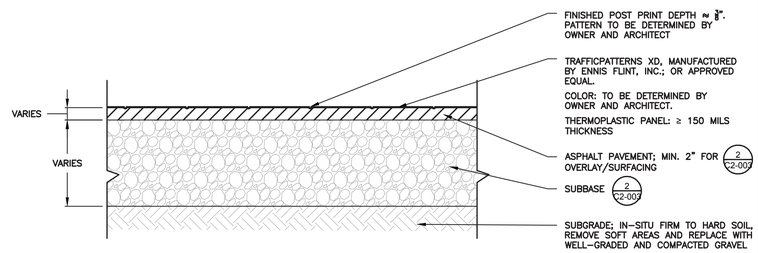


NOTE:
DETECTABLE WARNING SURFACE SHALL CONFORM TO CURRENT ADAAG STANDARDS.

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



7 TREE PLANTING DETAIL
SCALE: N.T.S.



8 STAMPED ASPHALT DETAIL
SCALE: N.T.S.

Revision Schedule

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

Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

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

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

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

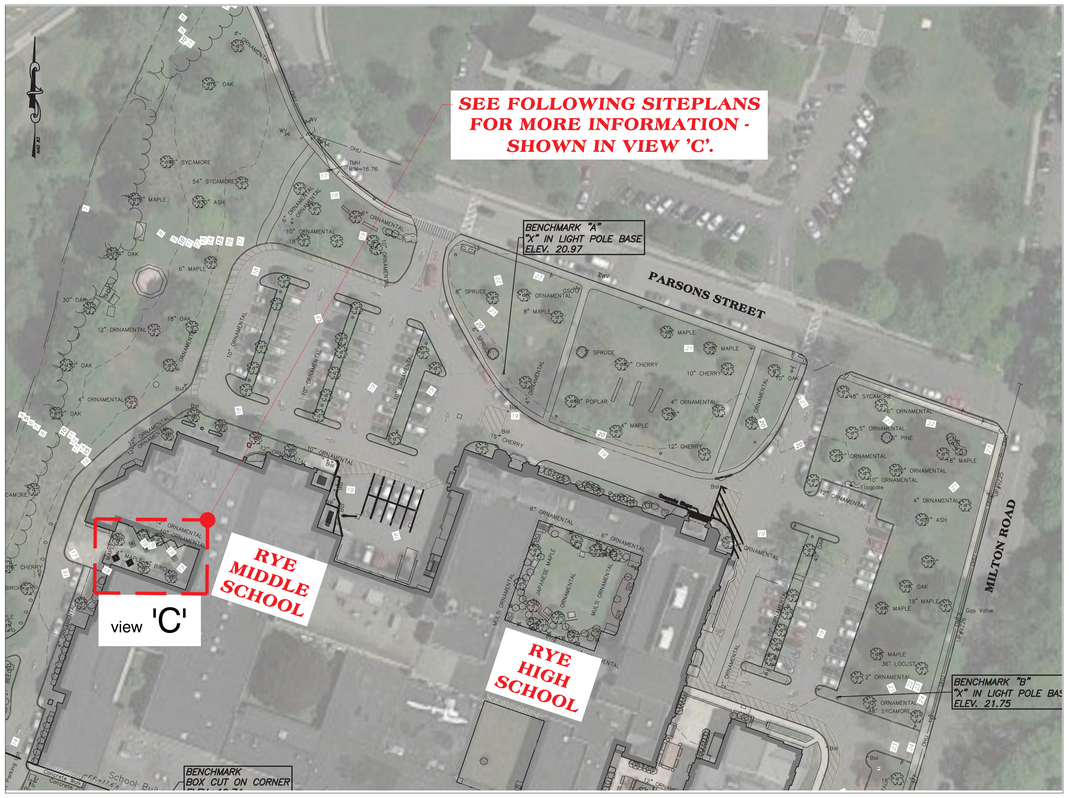
SITE CONSTRUCTION DETAILS

PROJECT 1

SEAL & SIGNATURE

STATE OF NEW YORK · JEFFREY F. BOLAND · 092685 · LICENSED PROFESSIONAL ENGINEER

DATE:	11/07/19
PROJECT No:	9200
DRAWING BY:	KSK
CHK BY:	JFB
DWG No:	C2-004

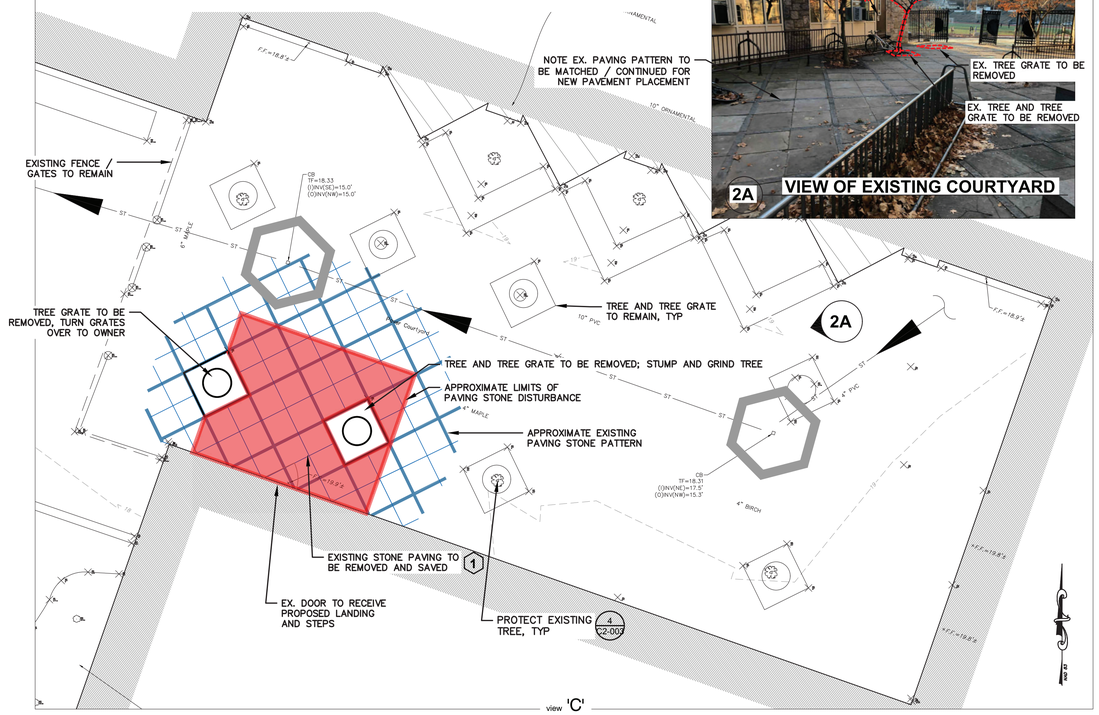


1 CONTEXT MAP
SCALE: BAR SCALE

0' 25' 50' 100'
SCALE: 1" = 50'-0"

1 CLEAN AND STORE EXISTING PAVERS TO BE REINSTALLED AROUND PROPOSED STAIRS, LANDING AND OVER REMOVED TREE GRATE(S). TREE GRATES SHALL BE RETURNED TO OWNER. FILL VOID SPACE LEFT BY REMOVAL OF TREES / TREE GRATES WITH COMPACTED GRAVEL - SEE DETAIL. IT MAY BE HELPFUL TO TEMPORARILY MARK/NUMBER PAVING PIECES TO BE REINSTALLED AFTER LANDING & STAIR INSTALLATION.





2 EXISTING CONDITIONS AND DEMOLITION PLAN
SCALE: BAR SCALE

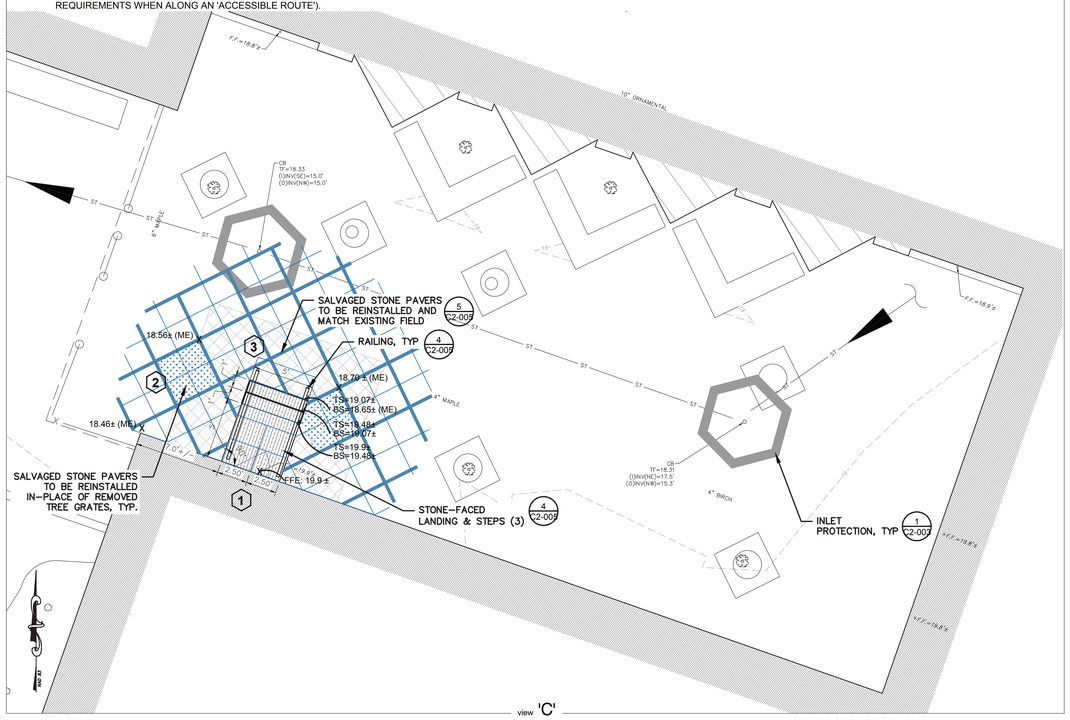
0' 2.5' 5' 10'
SCALE: 1" = 5'-0"

1 SEE ARCHITECTURAL PLANS FOR LAYOUT OF BUILDING MODIFICATIONS AND ALL WORK ASSOCIATED WITH THE PROPOSED STEPS, STONEWORK, HANDRAILS, ETC. CENTER LANDING ON EXISTING DOOR OPENING.

2 ENSURE SMOOTH TRANSITIONS BETWEEN EXISTING AND REINSTALLED PAVING - "MATCH EXISTING" (ME). NO ABRUPT CHANGES - GRADUAL, SMOOTH TRANSITIONS, AS REQUIRED (MEETING ADA REQUIREMENTS WHEN ALONG AN 'ACCESSIBLE ROUTE').

3 CUT AND REINSTALL PAVING AROUND PROPOSED STAIRS, LANDING AND OVER REMOVED TREE GRATE(S) AREAS. ADDITIONAL STONE MAY BE REQUIRED TO MATCH WITH EXISTING MATERIAL AND PAVING LAYOUT.

CONTRACTOR TO SUBMIT SHOP DRAWINGS OF PROPOSED PAVER FIELD TO OWNER AND ARCHITECT FOR APPROVAL TO ENSURE CONSISTENT MATERIALS, PATTERN, COLORS, FINISHES.



3 SITE PLAN - LAYOUT MATERIALS GRADING & EROSION CONTROL PLAN
SCALE: BAR SCALE

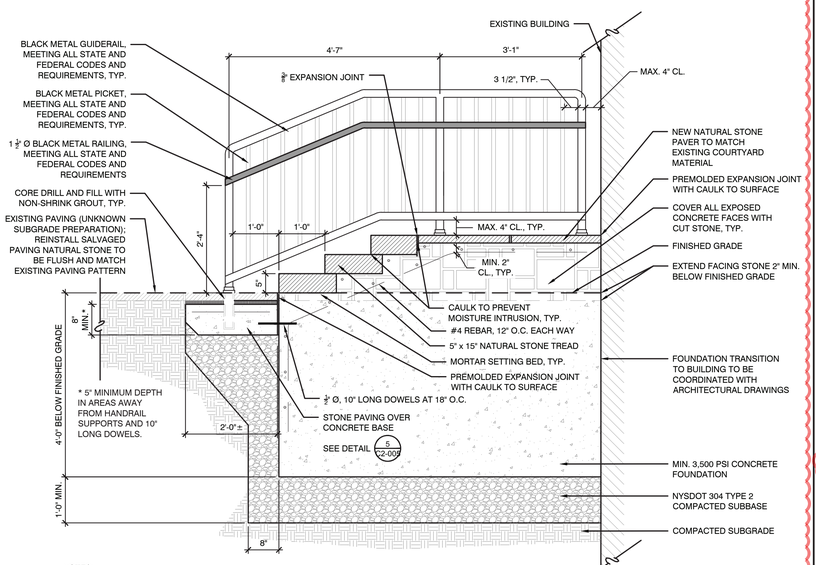
0' 2.5' 5' 10'
SCALE: 1" = 5'-0"

GENERAL NOTE(S):

1. SEE GENERAL NOTES ON SHEET C2-001.

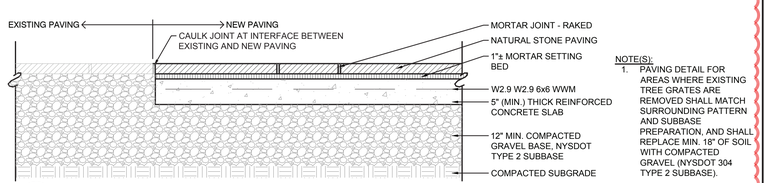
SEDIMENT AND CONTROL PLAN NOTES:

1. CONTRACTOR SHALL MAINTAIN ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT TRACKING OR MOVEMENT OF SEDIMENT OR DEBRIS ONTO PUBLIC ROADS.
2. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING AND AS SHOWN OR IMPLIED.
3. CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES OF EROSION CONTROL AS SITE CONDITIONS WARRANT.



NOTES:
1. SLOPE LANDING AND STEPS 1% TO ENSURE POSITIVE DRAINAGE.
2. NATURAL STONE TREADS TO BE UNIFORM HEIGHT AND SURFACE - NON SLIP AND THERMAL FINISH. TREADS TO MATCH EXISTING COURTYARD STONE.
3. METAL HANDRAIL AND COMPONENTS TO BE PAINTED BLACK TO MATCH EXISTING PERIMETER COURTYARD FENCE.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SAMPLES FOR APPROVAL OF HANDRAIL AND ADDITIONAL CUT NATURAL STONE, IF NEEDED.

4 CONCRETE STEPS AND RAIL
SCALE: N.T.S.



NOTE(S):
1. PAVING DETAIL FOR AREAS WHERE EXISTING TREE GRATES ARE REMOVED SHALL MATCH SURROUNDING PATTERN AND SUBBASE PREPARATION, AND SHALL REPLACE MIN. 18" OF SOIL WITH COMPACTED GRAVEL (NYSDOT 304 TYPE 2 SUBBASE).

5 SALVAGED STONE SECTION DETAIL
SCALE: N.T.S.

1

Revision Schedule

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

Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

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

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

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

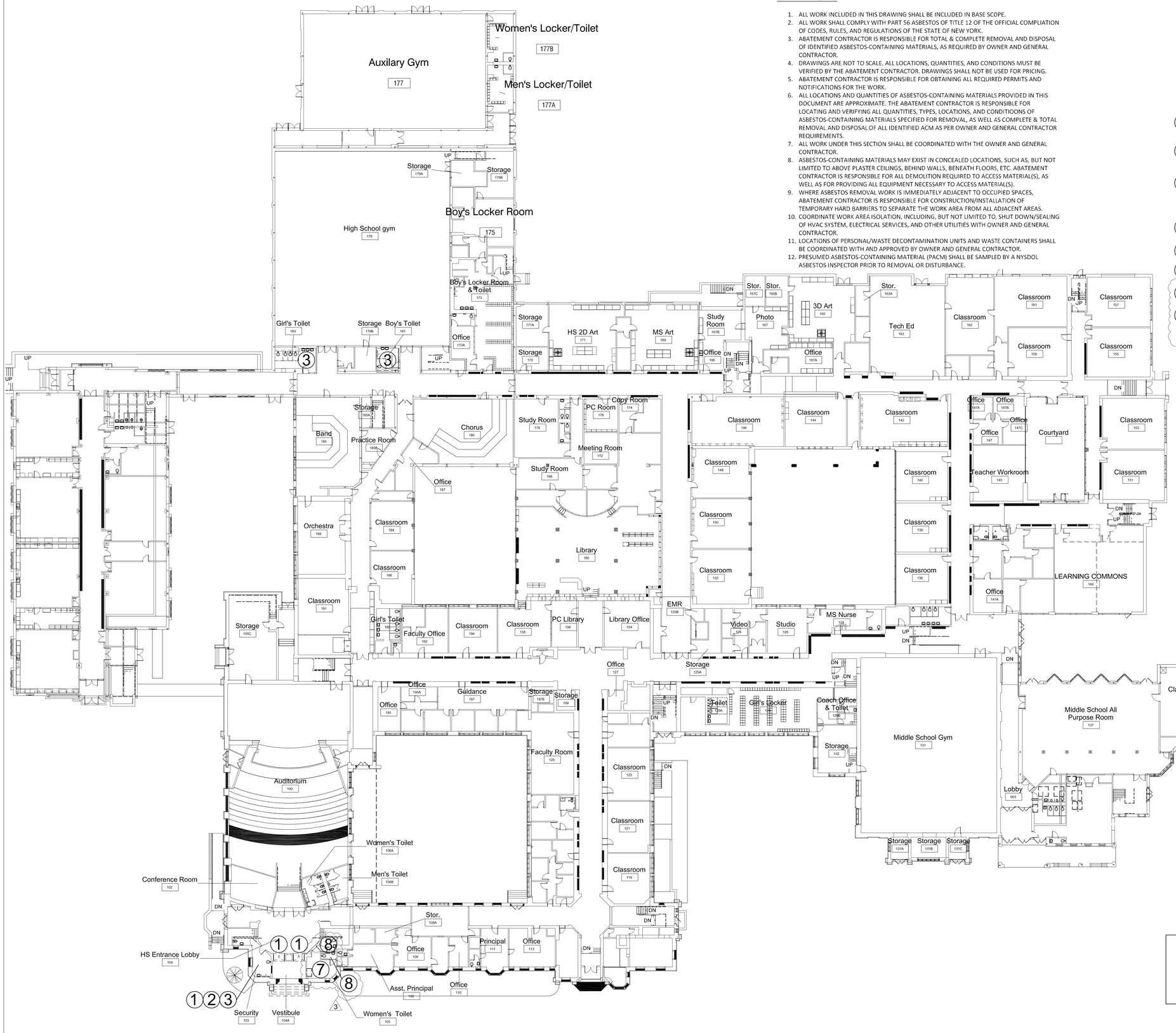
MIDDLE SCHOOL ENTRANCE

SITEPLAN

PROJECT 2

SEAL & SIGNATURE

DATE:	11/07/19
PROJECT No:	9200
DRAWING BY:	KSK
CHK BY:	JFB
DWG No:	C2-005



GENERAL NOTES:

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

HIGH SCHOOL/MIDDLE SCHOOL ACM NOTES:

(SEE SECTION 020800 FOR DETAILS & QUANTITIES)

NOTE TO CONTACTORS:

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

B. ACM WATERPROOFING TAR EXISTS ON PERIMETER MASONRY WITHIN THE ORIGINAL BUILD OF THE SCHOOL ON ALL FLOORS. SHOULD THIS MATERIAL BE UNCOVERED AND DISTURBED DURING DEMOLITION, ALL WORK IN THE AREA MUST STOP AND THE UNCOVERED MATERIAL(S) MUST BE ABATED BEFORE WORK RESUMES IN THE SPACE(S).

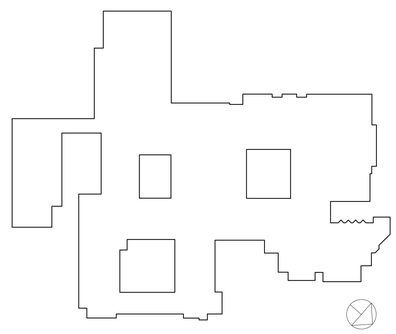
ACM REMOVAL LEGEND:

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

3

1 First Floor - Asbestos Abatement Plan

SCALE: 1" = 20'-0"



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN

1" = 100'

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

Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
39 MARBLE AVENUE 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

Environmental Consultant
QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.
1376 Route 9
Wappingers Falls, NY 12590
845-298-6251

SED #: 66180001-0005-032

PROJECT

Rye City School District

555 Theodore Fremd Ave, Rye, NY 10580

Rye High School & Middle School

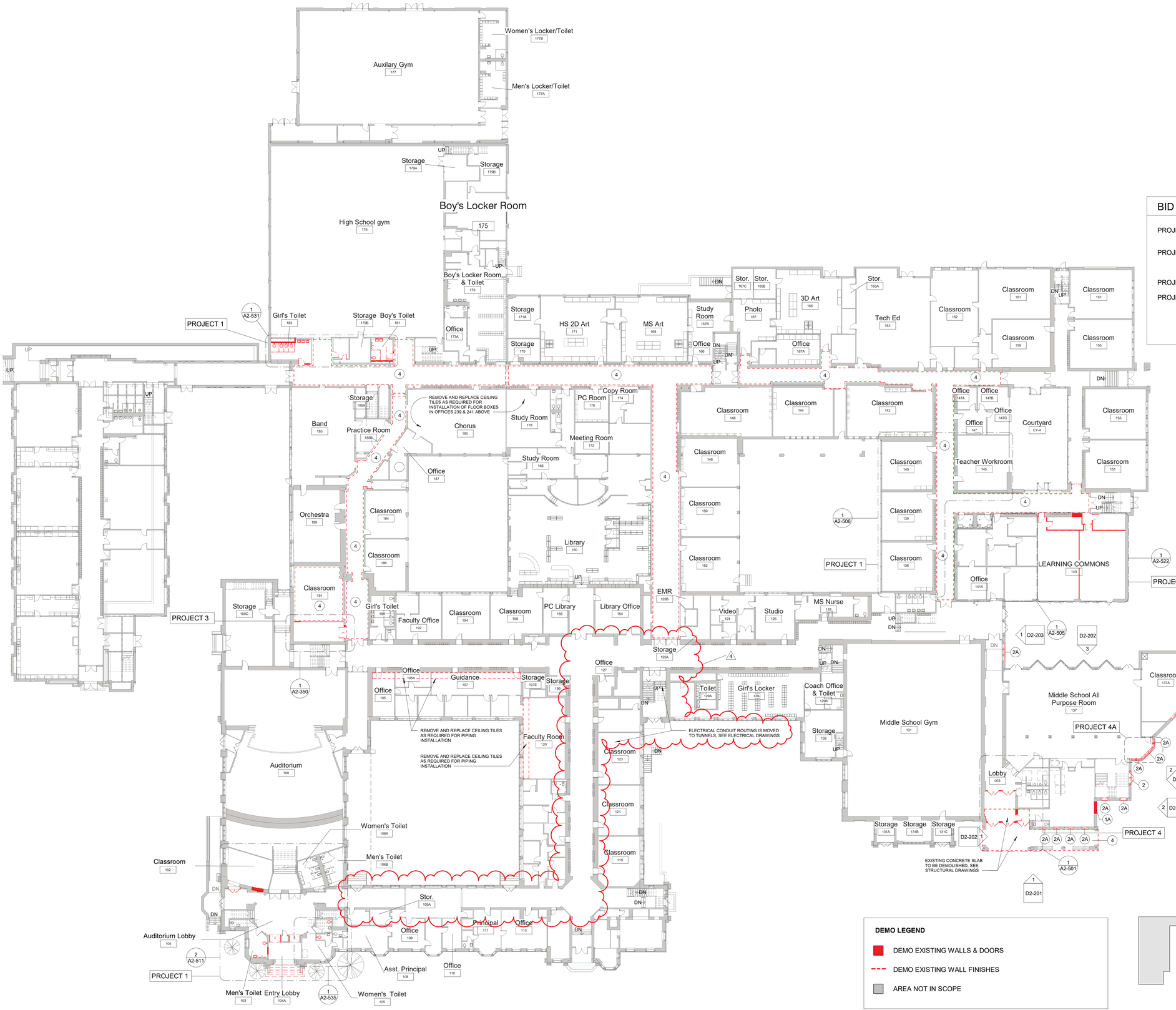
1 Parsons Street, Rye, New York 10580

FIRST FLOOR ASBESTOS ABATMENT

SEAL & SIGNATURE

STATE OF NEW YORK — MICHAEL HIGHLAND, JR. — LICENSED PROFESSIONAL ENGINEER — 087731

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



BID PROJECTS

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

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

PROJECT 3: NEW ELEVATOR & 3RD FLOOR LEARNING COMMONS

PROJECT 4: MIDDLE SCHOOL MASONRY RESTORATION AND ROOF REPLACEMENT

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

Demolition Keynote Legend Phase 2- skinny table

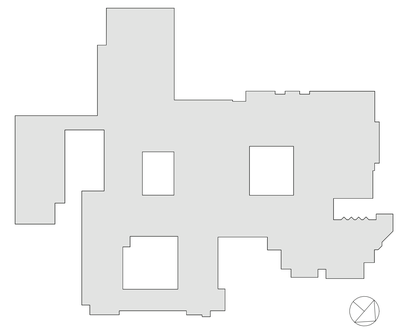
Key Value	Keynote Text
1	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY.
1A	REMOVE EXISTING MASONRY/GYP. BD/TILE WALL ASSEMBLY TO CREATE A DOOR OPENING. SEE DOOR SCHEDULE.
1B	REMOVE EXISTING GYP. BD./ TILE ON TAG SIDE OF THE WALL. EXISTING STUDS TO REMAIN.
1C	REMOVE EXISTING MASONRY/GYP. BD/TILE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

DEMO LEGEND

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

KEYNOTES

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



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN

1" = 100'

1 First Floor Plan-Phase 2 Demo

SCALE: 1" = 20'-0"

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

Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
39 MARBLE AVENUE 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

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

FIRST FLOOR DEMOLITION PLAN

PROJECTS 1, 2, 3, 4 & 4A

SEAL & SIGNATURE

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

CEILING FIXTURE LEGEND

ARCHITECTURAL LIGHTING

R1 — **RECESSED 2'X2' LIGHT:**
BASIS OF DESIGN: LITHONIA LIGHTING EPANL LED FLAT PANEL
EPANL 2X2 4000LM 80CRI 35K MIN1 ZT MVOLT WITH DGA22 DRYWALL ADAPTER

R2 — **RECESSED 2'X2' LIGHT:**
BASIS OF DESIGN: MARK ARCHITECTURAL LIGHTING WHSPR LED TOFFER
WHSPR 2X2 4800LM 35K 90CRI MIN1 MVOLT

R4 — **RECESSED 6" SQUARE LIGHT:**
BASIS OF DESIGN: PATHWAY LIGHTING CALIBER PLUS 6" LED SQUARE SERIES
6SQLBV-10-35K-EX-W50-DA-6SQLBVSCL

R4B — **RECESSED 6" SQUARE LIGHT:**
BASIS OF DESIGN: PATHWAY LIGHTING CALIBER PLUS 6" LED SQUARE SERIES
6SQLBV-20-35K-EX-W50-DA-6SQLBVSCL

R5 — **RECESSED 6" SQUARE IMPACT RESISTANT LIGHT:**
BASIS OF DESIGN: PATHWAY LIGHTING CALIBER PLUS 6" LED SQUARE SERIES
6SQLBV-10-35K-E-X-L-DA-6SQLBVL8SCLPF WITH IMPACT RESISTANT LENS

R8 — **RECESSED DIRECTIONAL LIGHT:**
BASIS OF DESIGN: LUMENWERX - VOILA 4" ROUND DOWNLIGHT.
VO4RR-OF-ADJ-UNV-14W-D1-VO4-SW-60-2-80-35-LS-VO4RR-SDL-SR-TMW-TRM-TMW

R9 — **CEILING GRID RECESSED LINEAR LIGHT:**
BASIS OF DESIGN: T-BAR FLEX 15/16" BLOCK CLEAR DIFFUSING LENS
TBFL MW 22 24 D A W

R10 — **RECESSED STAIR LIGHTING:**
BASIS OF DESIGN: KELVIX - SIGNWAVE 1 (INDOOR/OUTDOOR) SW-1 FLEXIBLE LIGHTING SYSTEM
SW1-see plan-35K-as needed; SEE DETAILS FOR HS ENTRY STAIRS

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 I800LMF
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 I800LMF
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 90CRI I35K I1200LMF BW MIN1
MVOLT WHT WEC ZT F1/36A RDCY WHTCY WCRD

P4 — **CONTINUOUS INDIRECT/DIRECT LINEAR PENDANT WITH ACRYLIC DIFFUSER:**
BASIS OF DESIGN: MARK ARCHITECTURAL LIGHTING SLOT 1 LED - DIRECT/INDIRECT PENDANT PATTERNS
S1LIDP-OPP-see plan-90CRI-35K-200LMF-I90CRI-I35K-I400LMF-BW-MIN1-- QCGFW--WHT- - - -36A-RDCY-WHTCY-WCRD

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 PENDANT
HPP1-9ST-MVOLT-CYL-LRG-35K-ZT-MIN5-INT-BA

WM1 — **WALL MOUNTED INDIRECT LED COVE LIGHT:** (LENGTHS PER PLAN - V.I.F)
BASIS OF DESIGN: MARK ARCHITECTURAL LIGHTING SLOT 1 LED - INDIRECT WALL
S1WI-LLP-8FT-MSL8-I90CRI-I35K-I400LMF-MIN1-MVOLT-BLKT-ZT-DCF

WM2 — **LED SURFACE LIGHTING:**
BASIS OF DESIGN: LLI ARCHITECTURAL LIGHTING ANGLED EXTRUSION + LED TAPELIGHT
LLI-ANG-S-F-4.4W- -35K-24V-see plans and details for dimensions

WM3 — **EXTERIOR OVER DOOR EMERGENCY LIGHT:**
BASIS OF DESIGN: LUMINAIRE LED - BLADE BLD - VANDAL RESISTENT MULLION-MOUNT LED
BLD-48IN-MIN1- - -800LM-35K- -DP-BRZ

WM4 — **WALL MOUNTED UP-DOWN SCONCE:**
BASIS OF DESIGN: BROWNLEE LIGHTING - BOW
1572 - BL - B12 - MG - 35K

WM5 — **WALL MOUNTED DIRECT INDIRECT COVE LIGHT:**
BASIS OF DESIGN: KELVIX LED TAPE LIGHTING WITH EXTRUDED ALUMINUM MOUNTING
SEE DETAIL ON SHEET A2-513

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

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

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

SPEAKERS

S2 — **CEILING-RECESSED AUDIO SPEAKER (BY OWNER):**
BASIS OF DESIGN: COMMUNITY D6 - WHITE. PROVIDE BLOCKING.

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

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

ACCESSORIES

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

(ELEV.) (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)

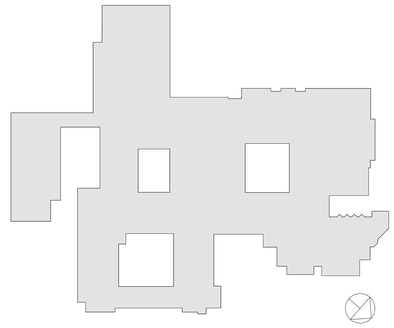
T (ELEV.) (PLAN) — **IP PHONE:**
BASIS OF DESIGN: CISCO.
PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/ POWER PLAN)

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

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

GENERAL NOTE:

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

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

Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
39 MARBLE AVENUE 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

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

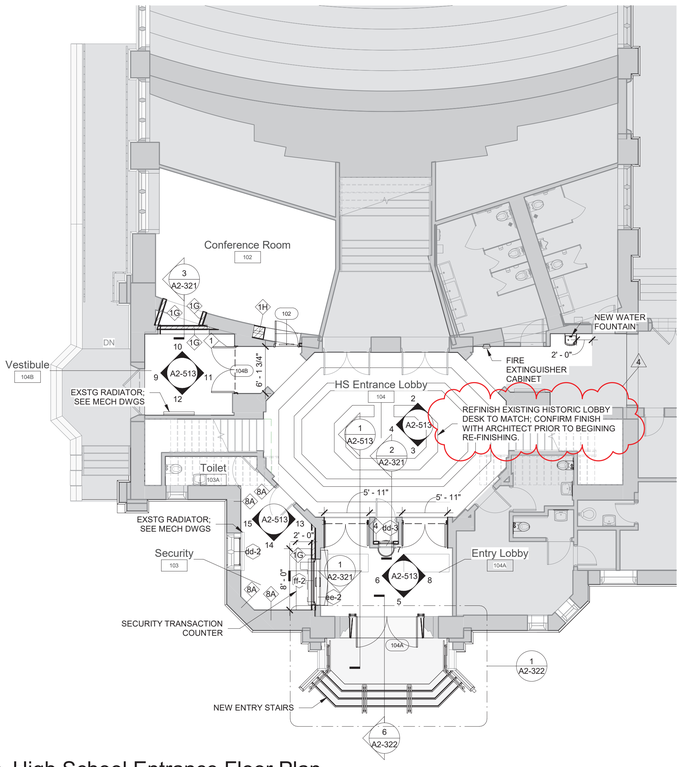
Rye High School & Middle School
1 Parsons Street, Rye, New York 10580

CEILING FIXTURE AND MATERIAL LEGENDS

PROJECTS 1, 2, & 3

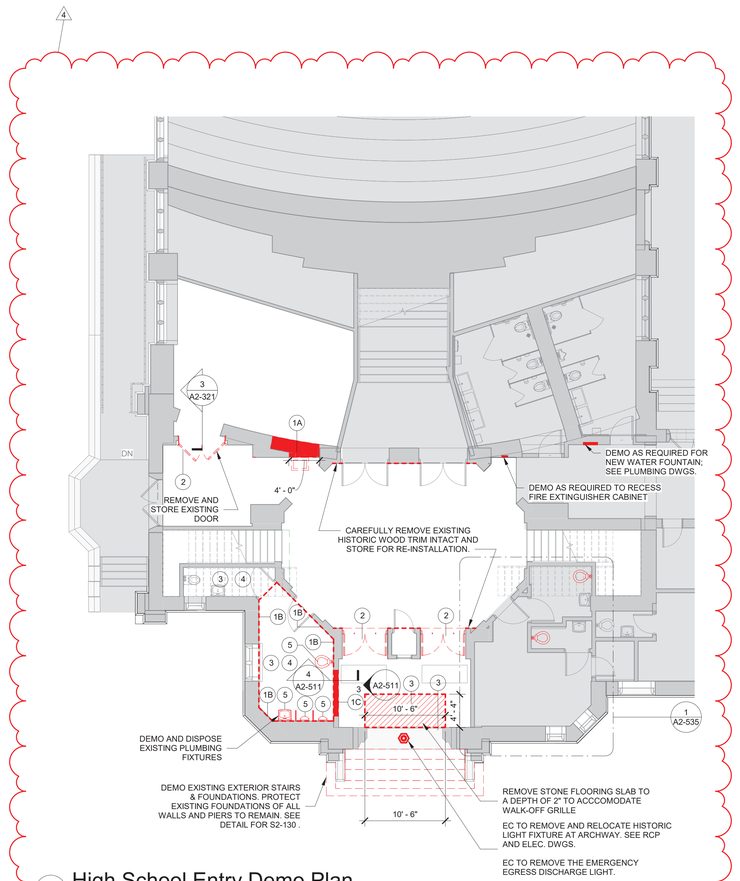
SEAL & SIGNATURE

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



1 High School Entrance Floor Plan

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



2 High School Entry Demo Plan

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

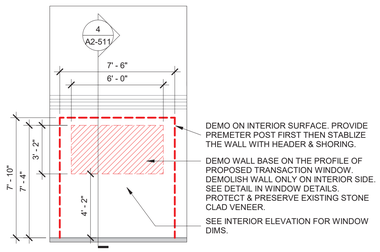
GENERAL NOTE:

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)

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

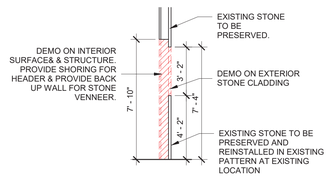
DEMO LEGEND

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



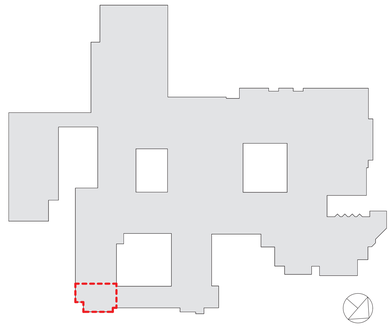
3 HS Security Window Demo Elevation

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



4 HS Security Window Demo Section

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



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN

1" = 100'

Revision Schedule		
No.	Description	Date
1	SED SUBMISSION	09/15/2020
2	SED SUBMISSION: Addendum #1	01/11/2021
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

Fielding International

Transforming Education by Design

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

BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS

39 MARBLE AVENUE 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

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

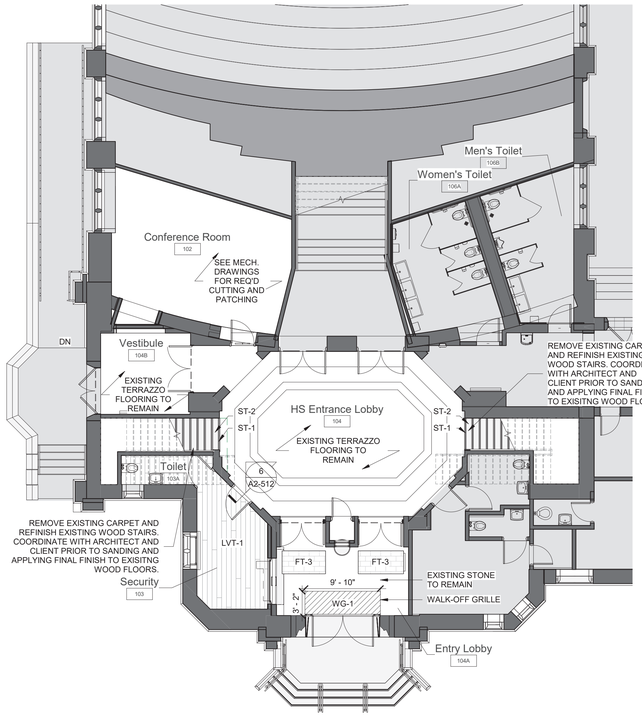
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL ENTRANCE PLANS

PROJECT 1

SEAL & SIGNATURE

DATE: 11/04/19
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A2-511



1 High School Entrance Flooring Plan

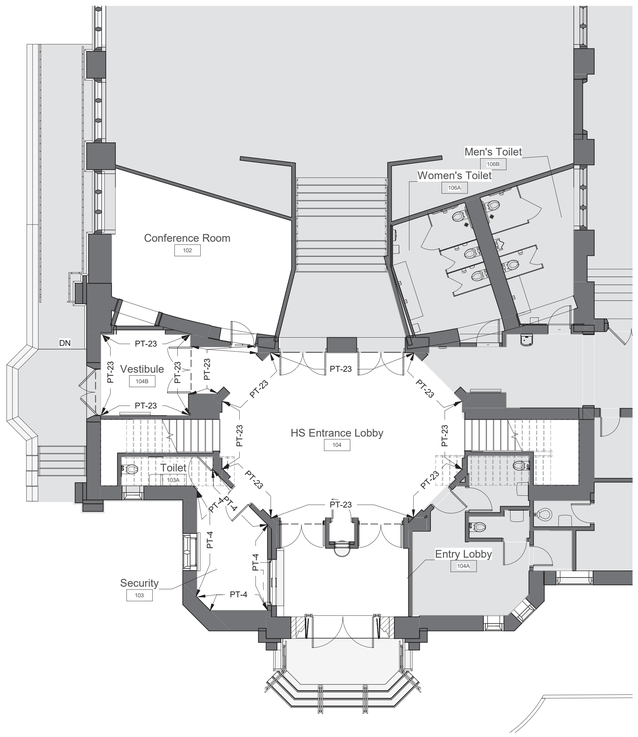
SCALE: 1/8" = 1'-0"

GENERAL NOTE:

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

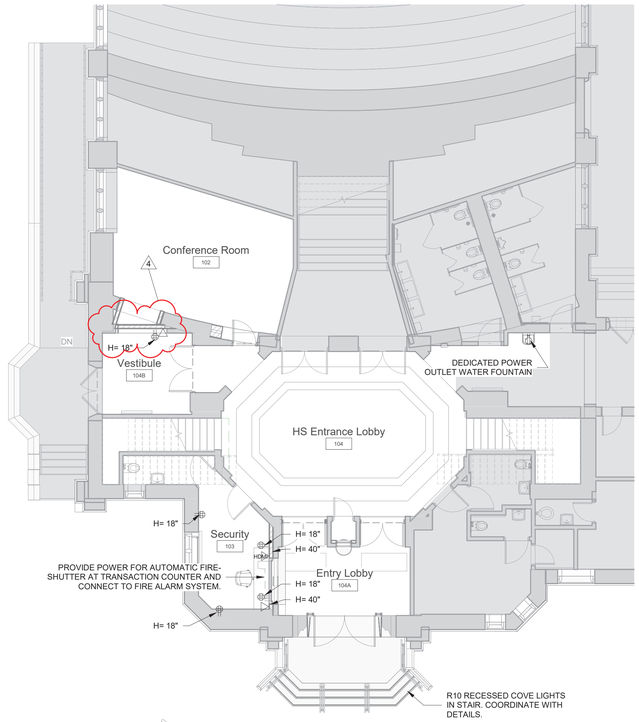
GENERAL NOTE:

SEE INTERIOR ELEVATIONS FOR CUT LINES OF WALL FINISHES



4 High School Entry Wall Paint Plan

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



2 High School Entrance Power and Technology Plan

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

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

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

FP

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

SPEAKERS

S2

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

L

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

L (ELEV.) (PLAN)

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

ACCESSORIES

(RCP) (PLAN)

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

(ELEV.) (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)

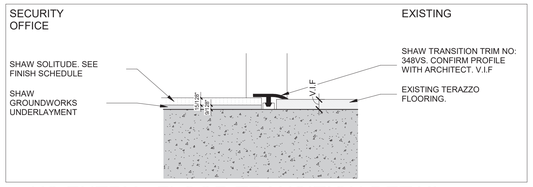
T (ELEV.) (PLAN)

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

R5 (ELEV.) (PLAN)

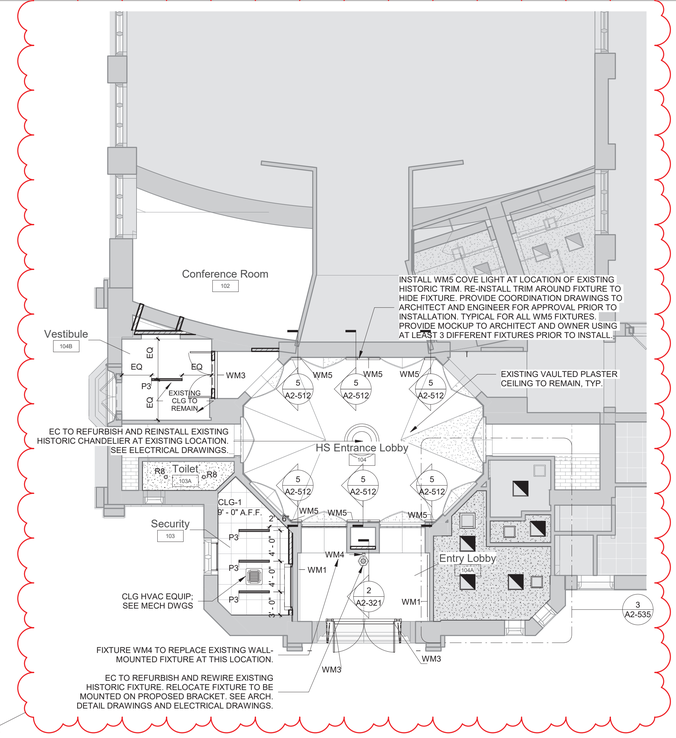
TOUCH CONTROL PANEL (BY OWNER)
EXTRON MLC PLUS 100. (SEE INTERIOR ELEVATIONS AND POWER & TECH PLAN)

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



6 HS ENTRY - FLOOR TRANSITION DETAIL A

SCALE: 12" = 1'-0"



3 High School Entry RCP

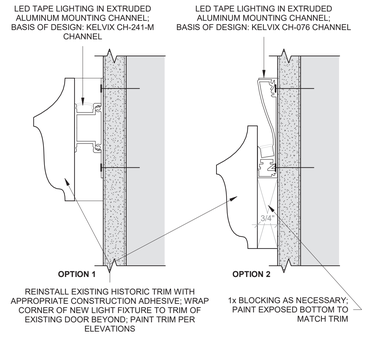
SCALE: 1/8" = 1'-0"

AREA NOT IN SCOPE

POWER OUTLETS & DEVICES LEGEND:

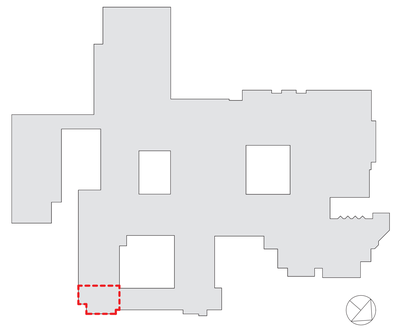
THIS DRAWING SHOWN FOR ARCHITECTURAL COORDINATION PURPOSES ONLY. COORDINATE WITH ELECTRICAL AND MECHANICAL DRAWINGS. OWNER'S AV DRAWINGS CAN BE PROVIDED UPON REQUEST. ALL POWER, DATA, COPPER WIRE FOR TELECOIL LOOP SYSTEM, AND A/V CONDUIT TO BE BY ELECTRICAL CONTRACTOR.

- 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
- P — HARDWIRED POWER LOCATION: *NOTE ELECTRICAL CONTRACTOR TO SCHEDULE COORDINATION MEETING WITH ARCHITECT TO VERIFY HARDWIRE LOCATION FOR POWER INTEGRATED CASEWORK/FURNITURE
- LCP — LIGHTING CONTROL PANEL
- LIGHTING SWITCH
- ETHERNET DATA OUTLET
- HDMI — HDMI DATA OUTLET
- (ELEV.) (PLAN) — WALL MOUNTED DIGITAL CLOCK:
- T (ELEV.) (PLAN) — IP PHONE:



5 HIGH SCHOOL ENTRY LOBBY - COVE LIGHT AT TRIM

SCALE: 6" = 1'-0"



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN

1" = 100'

Revision Schedule

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

Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
39 MARBLE AVENUE 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

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

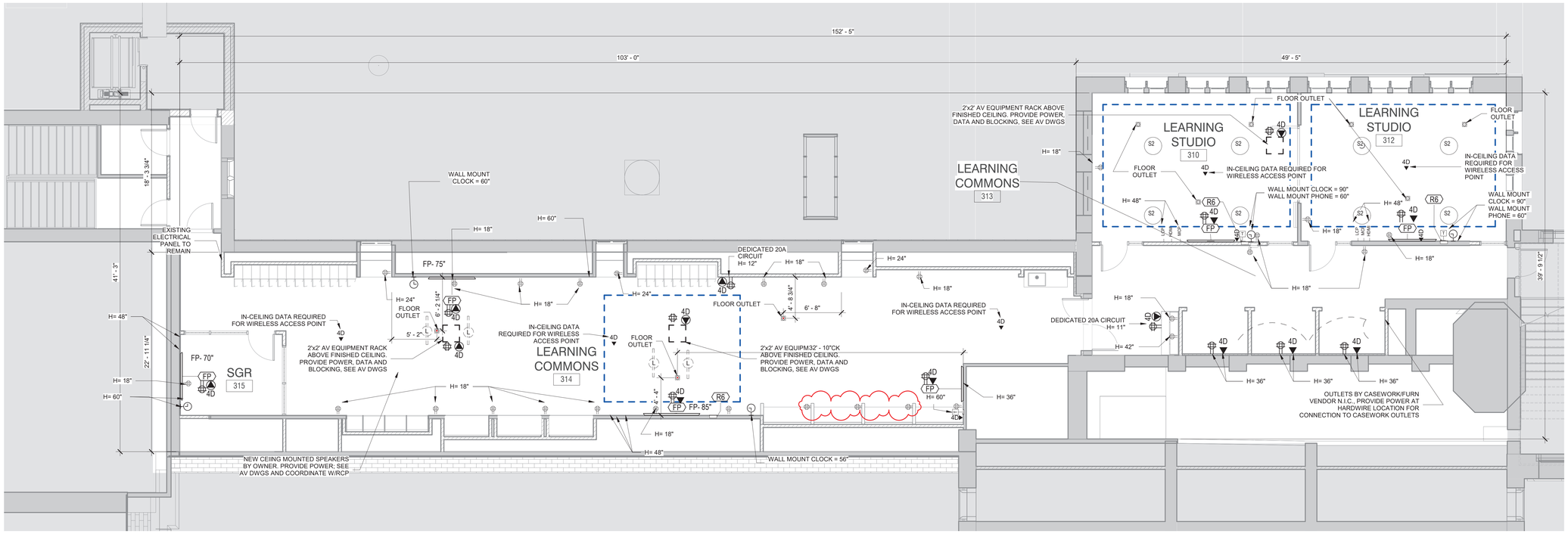
Rye High School & Middle School
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL ENTRANCE PLANS

PROJECT 1

SEAL & SIGNATURE

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



1 Third Floor Power and Technology Plan

SCALE: 3/16" = 1'-0"

POWER OUTLETS & DEVICES LEGEND:

THIS DRAWING SHOWN FOR ARCHITECTURAL COORDINATION PURPOSES ONLY. COORDINATE WITH ELECTRICAL AND MECHANICAL DRAWINGS. OWNER'S AV DRAWINGS CAN BE PROVIDED UPON REQUEST. ALL POWER, DATA, COPPER WIRE FOR TELECOIL LOOP SYSTEM, AND 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
- P — HARDWIRED POWER LOCATION: *NOTE ELECTRICAL CONTRACTOR TO SCHEDULE COORDINATION MEETING WITH ARCHITECT TO VERIFY HARDWIRE LOCATION FOR POWER INTEGRATED CASEWORK/FURNITURE
- LCP — LIGHTING CONTROL PANEL
- LIGHTING SWITCH
- 4D — ETHERNET DATA OUTLET
- HDMI — HDMI DATA OUTLET
- (ELEV.) (PLAN) — WALL MOUNTED DIGITAL CLOCK:
- (ELEV.) (PLAN) — IP PHONE:

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

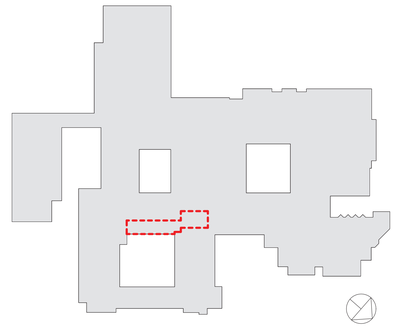
- FP — **WALL-MOUNTED LCD DISPLAY (BY OWNER):** BASIS OF DESIGN: SHARP, & CHIEF MANUFACTURING. PROVIDE BLOCKING.

SPEAKERS

- S2 — **CEILING-RECESSED AUDIO SPEAKER (BY OWNER):** BASIS OF DESIGN: COMMUNITY D6 - WHITE. PROVIDE BLOCKING.
- L — **CEILING-MOUNTED LINEAR ARRAY SPEAKER (BY OWNER):** BASIS OF DESIGN: INNOVEX FLEX FOCUS FF-V2.6 PROVIDE BLOCKING.
- (ELEV.) (PLAN) — **WALL MOUNTED SPEAKER (BY OWNER):** BASIS OF DESIGN: INNOVEX MICRO - FOCUS 2.1. PROVIDE BLOCKING.(SEE INTERIOR ELEVATIONS AND RCP)

ACCESSORIES

- (RCP) (PLAN) — **AV EQUIPMENT CEILING RACK (BY OWNER) :** BASIS OF DESIGN: ATLAS CR222-NR. PROVIDE BLOCKING.(SEE INTERIOR ELEVATIONS AND RCP)
- (ELEV.) (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) — **IP PHONE:** BASIS OF DESIGN: CISCO. PROVIDE BLOCKING. (SEE INTERIOR ELEVATIONS AND COORDINATE w/ POWER PLAN)
- (ELEV.) (PLAN) — **TOUCH CONTROL PANEL (BY OWNER)** EXTRON MLC PLUS 100. (SEE INTERIOR ELEVATIONS AND POWER & TECH PLAN)
- **TELECOIL LOOP :** BY ELECTRICAL CONTRACTOR. AUDIO INDUCTION LOOP AIDS ASSISTIVE LISTENING TECHNOLOGY. CONSISTS OF PHYSICAL CABLE LOOPS PLACED AROUND DESIGNATED SPACES. (SEE ELECTRICAL DRAWINGS)



RYE HIGH SCHOOL & MIDDLE SCHOOL KEY PLAN

1" = 100'

Revision Schedule

No.	Description	Date
1	SED SUBMISSION	09/15/2020
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

Fielding International

Transforming Education by Design

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

BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS

39 MARBLE AVENUE 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

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

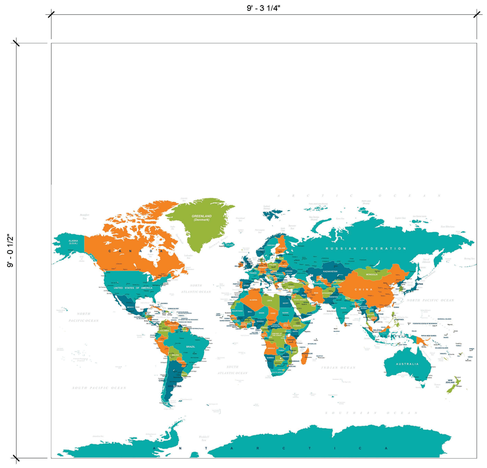
1 Parsons Street, Rye, New York 10580

THIRD FLOOR LEARNING COMMUNITY POWER AND TECHNOLOGY PLAN

PROJECT 3

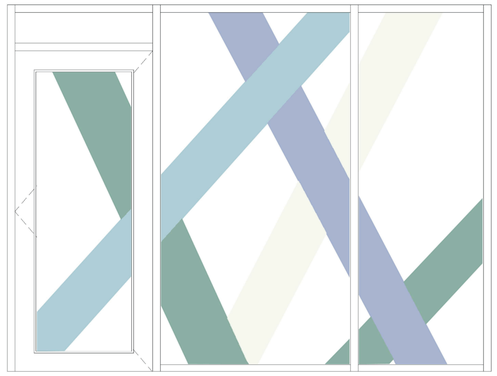
SEAL & SIGNATURE

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



WLC-2

PROJECT 3 4



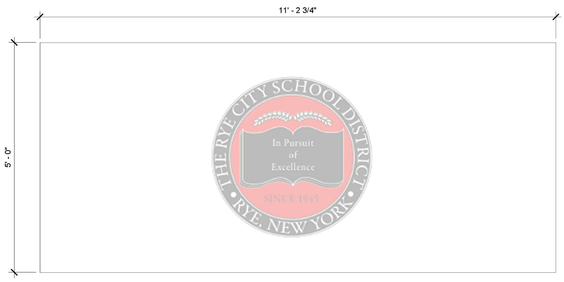
FLM-1

PROJECT 3 4



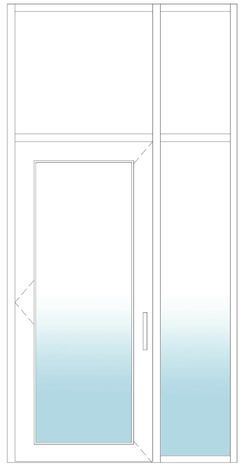
FLM-2

PROJECT 3 4



WLC-3

PROJECT 3 4



FLM-3

PROJECT 3 4



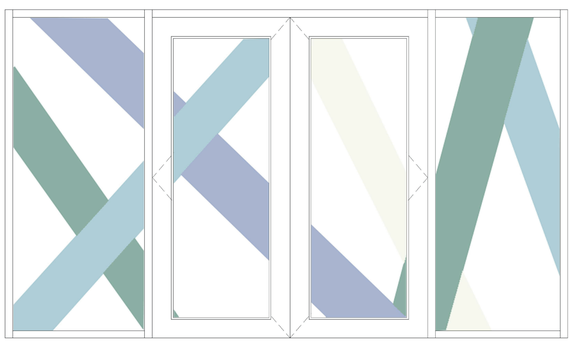
FLM-6

PROJECT 3 4



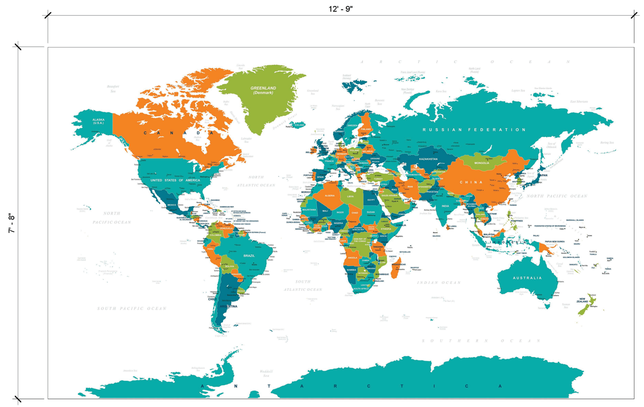
WLC-4

PROJECT 3 4



FLM-5

PROJECT 3 4



WLC-5

PROJECT 2 4

Revision Schedule

No.	Description	Date
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

Fielding International

Transforming Education by Design

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

BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS

39 MARBLE AVENUE 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

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

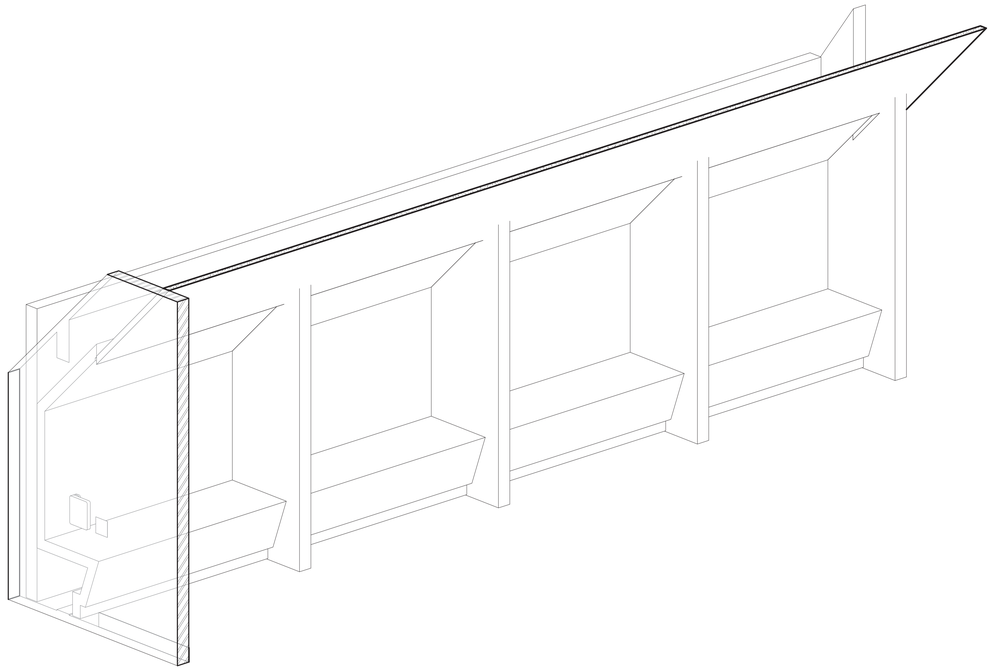
1 Parsons Street, Rye, New York 10580

WALL GRAPHICS AND GLAZING TYPES

4 PROJECT 2 & 3

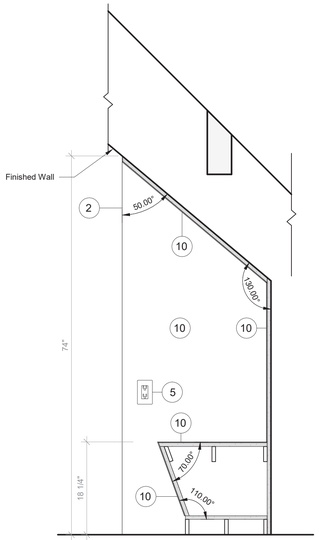
SEAL & SIGNATURE

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



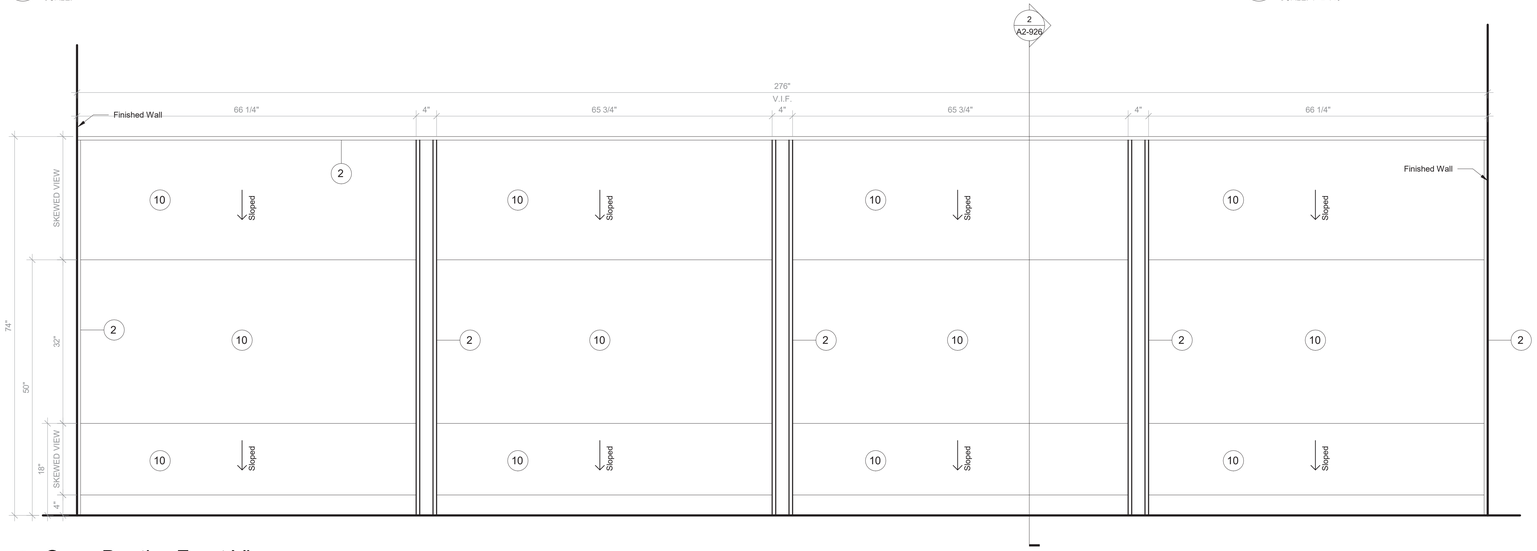
1 Open Booth - Axon

SCALE:



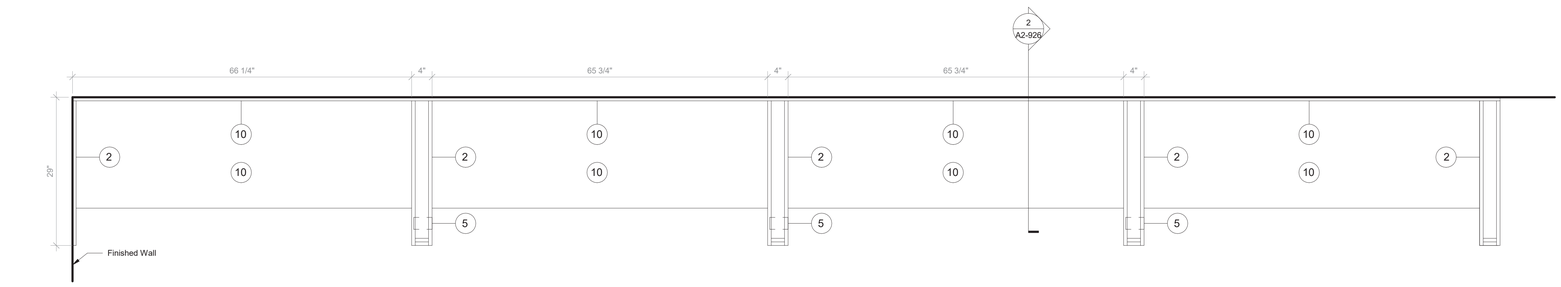
2 Open Booth - Section A

SCALE: 1" = 1'-0"



3 Open Booth - Front View

SCALE: 1" = 1'-0"



4 Open Booth - Floor Plan

SCALE: 1" = 1'-0"

NOTE:

BY OWNER. THIS DRAWING IS FOR COORDINATION PURPOSES ONLY

NOTE:

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

GENERAL NOTES:

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.

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

Geddis Architects

Architecture. Planning. Interiors

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

Fielding International

Transforming Education by Design

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

BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS

39 MARBLE AVENUE 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

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

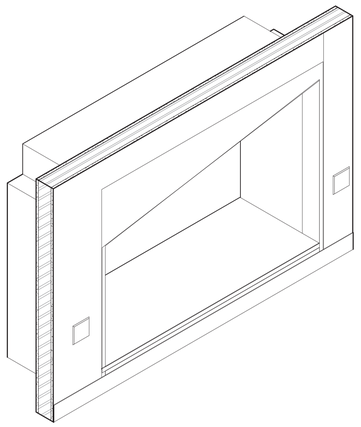
1 Parsons Street, Rye, New York 10580

FURNITURE DETAIL - THIRD FLOOR - OPEN BOOTH SEATING

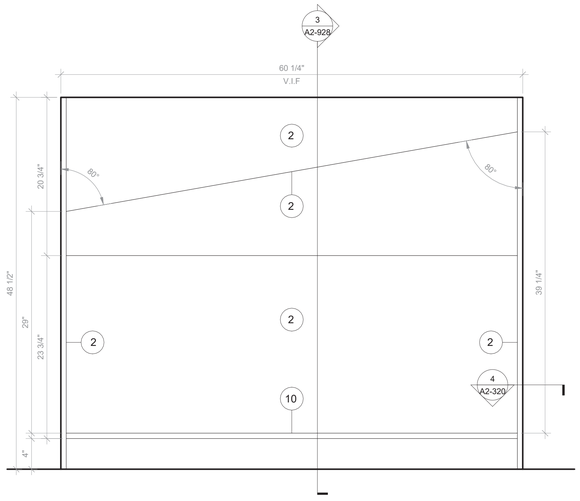
PROJECT 3

SEAL & SIGNATURE

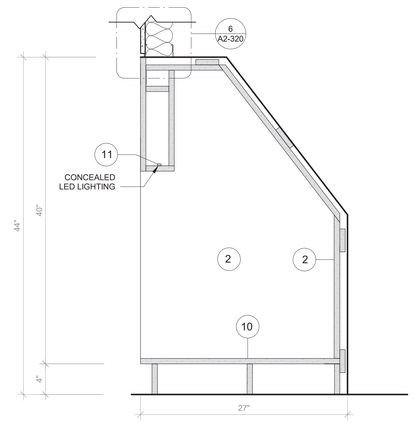
DATE: 05/06/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No: A2-926



2 Cave Space Type A - Axon
SCALE:



1 Cave Space Type A - Front View
SCALE: 1 1/2" = 1'-0"



3 Cave Space - Typ. Section
SCALE: 1 1/2" = 1'-0"

6 Cave Space Type B - Axon
SCALE:

7 Cave Space Type B - Front View
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

No.	Description	Date
1	SED SUBMISSION	09/15/2020
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

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
39 MARBLE AVENUE 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

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

FURNITURE DETAIL- CAVE SPACE

PROJECT 3

SEAL & SIGNATURE

DATE: 05/06/20
PROJECT No: 9200
DRAWING BY: Author
CHK BY: Checker
DWG No:
A2-928

SCHEDULE OF ENERGY RECOVERY UNITS

MARK	SERVICE	LOCATION	OUTSIDE AIR CFM MIN/MAX	MODEL No.	SUPPLY FAN DATA: CFM	EXT. S.P. IN WG.	TYPE	MOTOR HP.	RETURN–EXHAUST FAN: CFM MIN/MAX	EXT. S.P. IN WG	TYPE	MOTOR HP	HEAT TRANSFER: SIZE	SUMMER EAT 68°F	SUMMER LAT 68°F	WINTER EAT 68°F	WINTER LAT 68°F	MOTOR H.P.	COOLING COIL DATA (2)(4): CONDENSING UNIT	TOTAL/SEN MBH	No. OF ROWS	FACE VEL. F.P.M.	ENT. AIR TEMP. D.B./W.B.	HEATING COIL DATA (3)(4): MARK	TOT. CAP. MBH	MIN. COIL FACE AREA	ENT. AIR TEMP. °F	LVG. AIR TEMP. °F	G.P.M.	PRE & AFTER-FILTER DATA: NO.	SIZE	TYPE	ELECTRICAL DATA: MCA	MOCP	ELECTRIC SERVICE	ERU DIMENSION & WTS.: L	W	H	WTS—#	GENERAL REMARKS
ERU 1	HS GYM	ROOF	3300/6600	(1) ERP–E–07	6600	2.0	PLENUM	10	3300/6600	2.0	PLENUM	7.5	03	80.1	67.2	53.4	43.0	0.25	SEE CU 1	–	–	–	–	HC 1	360	–	40	90	40	–	–	2" MERV 10 4" MERV 13	32	35	460/3/60	216	93	86	5500	REFER TO (5)(6)
ERU 2	HS GYM	ROOF	3300/6600	(1) ERP–E–07	6600	2.0	PLENUM	10	3300/6600	2.0	PLENUM	7.5	03	80.1	67.2	53.4	43.0	0.25	SEE CU 2	–	–	–	–	HC 2	360	–	40	90	40	–	–	2" MERV 10 4" MERV 13	32	35	460/3/60	216	93	86	5500	REFER TO (5)(6)
ERU 3	HS CONF. RM. TOILET RM.	CEILING	600	(1) U–ERV600	600	2.0	CENTRIFUGAL	–	600	2.0	CENTRIFUGAL	–	–	79.5	66.9	53.4	42.5	–	SEE CU 3	–	–	–	–	HC 3	–	–	–	–	–	2	5"X40"X2"	2" MERV 13	10.6	15	208/1/60	56	34	12	129	REFER TO (5)(7)(9)
ERU 4	HS NURSE/OFFICE	CEILING	400	(1) U–ERV600	400	2.0	CENTRIFUGAL	–	325	2.0	CENTRIFUGAL	–	–	78.9	66.1	57.4	45.3	–	SEE CU 4A	–	–	–	–	HC 4	–	–	–	–	–	2	5"X40"X2"	↓	10.6	15	208/1/60	56	34	12	129	REFER TO (5)(7)(9)
ERU 5	HS OFFICES	ROOF	200	(1) U–ERV600	200	2.0	CENTRIFUGAL	–	200	2.0	CENTRIFUGAL	–	–	77.6	65.1	61.8	48.1	–		–	–	–	–	SEE HC 5	–	–	–	–	–	2	5"X40"X2"		10.6	15	208/1/60	56	34	12	129	REFER TO (5)(7)
ERU 6	MS CLASSROOMS	ROOF	3300/6000	(1) ERP–E–07	6600	2.0	PLENUM	10	3300/6600	2.0	PLENUM	7.5	03	80.3	67.4	53.3	42.7	0.25	SEE CU 6	–	–	–	–	SEE HC 6	360	–	40	90	40	–	–	2" MERV 10 4" MERV 13	32	35	460/3/60	216	93	86	5500	REFER TO (5)(6)
ERU 7	MS SECURITY	CEILING	50	(1) H150–TRC	50	0.75	CENTRIFUGAL	–	50	0.75	CENTRIFUGAL	–	–	77.6	65.1	61.8	48.1	–		–	–	–	–	SEE HC 7	–	–	–	–	–	2	–	2" MERV 13	1.5	15	120/1/60	24	22	12	50	REFER TO (5)(6)
ERU 8	HS CLASSROOMS	CEILING	1500	(1) U–ERV1800	1500	2.0	CENTRIFUGAL	–	1500	2.0	CENTRIFUGAL	–	–	79.6	66.5	55.3	43.9	–	SEE CU 8	–	–	–	–	SEE HC 8	–	–	–	–	–	6	5"X40"X2"	↓	19.2	25	208/3/60	56	34	36	387	REFER TO (5)(6)(9)
ERU 9	HS TOILET RMS	ROOF	400	(1) U–ERV600	400	2.0	CENTRIFUGAL	–	400	2.0	CENTRIFUGAL	–	–	78.9	66.1	57.4	45.3	–		–	–	–	–		–	–	–	–	–	2	5"X40"X2"		10.6	15	208/1/60	56	34	12	129	REFER TO (5)(7)
ERU 10	HS SECURITY	CEILING	50	(1) PE7.15ERV	50	0.75	CENTRIFUGAL	–	50	0.75	CENTRIFUGAL	–	–	77.6	65.1	61.8	48.1	–		–	–	–	–		–	–	–	–	–	2	5"X40"X2"	2" MERV 13	1.5	15	120/1/60	24	22	12	50	REFER TO (5)(6)
ERU EXIST	MS GYM	MER	11,000	ERV–E–09	11000	2.0	PLENUM	–	11000	2.0	PLENUM	–	–	–	–	–	–	–	SEE CU 5	–	–	–	–		–	–	–	–	–				–	–	208/3/60	–	–	–	–	REFER TO (5)(6)

NOTES

1. AS MANUFACTURED BY "ANNEXAIR."
2. AS MANUFACTURED BY "ENERGY WALL."
3. AS MANUFACTURED BY "GREENTEK."
4. BASED ON A.R.I. CERTIFIED COIL SELECTIONS.
5. BASED ON HOT WATER SUPPLY TEMPERATURE OF 160°F AND RETURN TEMPERATURE OF 140°F.
6. DESIGN AIR CONDITIONS: SUMMER OA (95°F/75°F) RA (75°F/63°F) WINTER OA (6°F) RA (70°F/53°F)
7. INSTALL IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.
8. 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.
9. 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 MOUNTED 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.
10. 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.
11. 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 PUMP FAILURE.

SCHEDULE OF PACKAGED ROOFTOP RTU UNIT

MARK	SERVICE	MODEL NUMBER (1)	OAI CFM MAX./MIN.	FAN DATA: CFM	EXT. S.P. IN H_2O	FAN RPM	MOTOR HP	GAS HEATING DATA (3): INPUT MBH	OUTPUT MBH	ENT. AIR TEMP. DB °F	LVG. AIR TEMP. DB °F	COOLING DATA (3)(4): TOTAL CAP. MBH	SENSIBLE CAP. MBH	ENT. AIR TEMP. DB/WB °F	LVG. AIR TEMP. DB/WB °F	CONDENSER DATA: REFRIG.	ENT. AIR TEMP. DB °F	HP	COMPRESSOR DATA: QTY.	R.L.A. (EACH)	L.R.A. (EACH)	FILTER DATA: QTY.	SIZE (IN.)	TYPE	PHYSICAL DATA: WEIGHT (LBS.)	LxWxH (IN.)	ELECTRICAL DATA: FLA	MCA	MOP	SERVICE	REMARKS
RTU 1	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 (2)(3)(6)
RTU 2	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 (2)(3)(6)

NOTES

1. AS MANUFACTURED BY "TEMPMASTER".
2. INSTALL IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.
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).
4. BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R–410A, EER 12.2,
5. 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.
6. POWERED EXHAUST TO BE FIELD SUPPLIED BY MECHANICAL CONTRACTOR AND WIRED BY ELECTRICAL CONTRACTOR.

SCHEDULE OF EXHAUST FANS

MARK	BUILDING	SERVICE	LOCATION	TYPE	MODEL No. (1)	CFM	TOT. S.P. IN H_2O	HP / AMPS	ELECTRIC SERVICE	REMARKS
EF 1, EF 2, EF 3	HIGH SCHOOL MIDDLE SCHOOL	ELECTRIC ROOM –	CEILING	CENTRIFUGAL	SP–A510	300	0.25	– / 1.40	120/1/60	REFER TO (2)(3)
EF 4	HIGH SCHOOL	ELEVATOR SHAFT	WALL	CENTRIFUGAL	CUE–080–VG	300	0.25	1/10 / –	120/1/60	REFER TO (2)(4)
EF 5	HIGH SCHOOL	TOILET RM –	ROOF	CENTRIFUGAL	G–095–DGEX–QD	250	0.25	1/8 / –	120/1/60	REFER TO (2)(4)
								/		

NOTES

1. AS MANUFACTURED BY "GREENHECK".
2. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
3. PROVIDE FACTORY MOUNTED SPEED CONTROLLER AND DISCONNECT, ALUMINUM GRILLE, BACKDRAFT DAMPER, VIBRATION ISOLATORS AND MOUNTING HARDWARE.
4. PROVIDE FAN WITH VARIABLE SPEED DRIVE ON MOTOR, UL705 RATED, NEMA 3R DISCONNECT SWITCH, GALVANIZED SIDE WALL MOUNTING SUPPORTS, ALUMINUM WALL GRILLE.

SCHEDULE OF DIRECT EXPANSION COILS

MARK	BUILDING	SERVICE	CAPACITY: COOLING TOTAL (MBH)	COOLING SENS. (MBH)	CFM	ENT. AIR TEMP DB/WB	SUCT. TEMP.°F	REMARKS
DC 1A, DC 1B	HIGH SCHOOL	CU 10, AH 1 (EXIST) AUXILIARY GYM	192	150	4500	78°F / 65°F	45	REFER TO (1)(2)(3)(4)
DC 2A, DC 2B	HIGH SCHOOL	CU 12, AHU 2 (EXIST) AUXILIARY GYM	192	150	4500	78°F / 65°F	45	REFER TO (1)(2)(3)(4)
DC 7	MIDDLE SCHOOL	CU 14, AHU 1 (EXIST) MS GYM	233	199	8000	78°F / 65°F	45	REFER TO (1)(2)(3)(4)

NOTES

1. AS MANUFACTURED BY "NATIONWIDE COIL.".
2. REFRIGERANT R–410A.
3. INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
4. BASED ON A.R.I. CERTIFIED COIL SELECTIONS

SCHEDULE OF OUTDOOR VRF CONDENSING UNITS

MARK	BUILDING	SERVICE	MODEL No. (1)	CAPACITY: COOL/HEAT (MBH)	PHYSICAL DATA: UNIT WEIGHT (POUNDS)	L	W	H	ELECTRICAL SUPPLY: SERVICE	MCA	MOCP	EER/SEER	REMARKS
CU 1	HIGH SCHOOL	ERU 1 GYM	ARUM241DTES	233/243	800	49"	30"	67"	460/3/60	41.4	50	12.4/25.9	REFER TO (2)(3)(5)(7)
CU 2	HIGH SCHOOL	ERU 2 GYM	ARUM241DTES	233/243	800	49"	30"	67"	460/3/60	41.4	50	12.4/25.9	REFER TO (2)(3)(5)(7)
CU 3	HIGH SCHOOL	ERU 3 CONF.RM.	ARUN038GSS4	38/42	250	38"	16"	55"	208/1/60	25	40	10.7/17.0	REFER TO (2)(3)(5)(6)(7)
CU 4A	HIGH SCHOOL	HP 4 NURSE/OFFICE	ARUN038GSS4	38/42	250	38"	16"	55"	208/1/60	25	40	10.7/17.0	REFER TO (2)(3)(5)(6)
CU 4B	HIGH SCHOOL	ERU 4 NURSE/OFFICE	ARUN024GSS4	24/27	250	38"	16"	33"	208/1/60	19.6	30	10.7/17.0	REFER TO (2)(3)(5)(6)(7)
CU 5	MIDDLE SCHOOL	ERU EXIST GYM	ARUM241DTES	233/243	800	49"	30"	67"	460/3/60	41.4	50	12.4/25.9	REFER TO (2)(3)(5)(7)
CU 6	MIDDLE SCHOOL	ERU 6 CLASSROOMS	ARUM241DTES	233/243	800	49"	30"	67"	460/3/60	41.4	50	12.4/25.9	REFER TO (2)(3)(5)(7)
CU 7	MIDDLE SCHOOL	HP 6 OFFICES	ARUN048GSS4	48/54	300	38"	16"	55"	208/1/60	30	50	10.7/17.0	REFER TO (2)(3)(5)(6)
CU 8	HIGH SCHOOL	ERU 8 CLASSROOMS	ARUM096DTES	96/108	600	49"	30"	67"	460/3/60	16.4	25	12.4/25.9	REFER TO (2)(3)(5)(6)(7)
CU 9	HIGH SCHOOL	HP 9 CLASSROOMS	ARUM096DTES	96/108	600	49"	30"	67"	460/3/60	16.4	25	12.4/25.9	REFER TO (2)(3)(5)(6)(7)
CU 10	HIGH SCHOOL	AH 1 (EXIST) AUXILIARY GYM	ARUM192DTES	192/216	800	49"	30"	67"	460/3/60	35.7	50	12.4/25.9	REFER TO (2)(3)(5)(6)(7)
CU 11	HIGH SCHOOL	HP 8 SECURITY OFFICE	ARUN024GSS4	24/27	250	38"	16"	33"	208/1/60	19.6	30	10.7/17.0	REFER TO (2)(3)(5)(6)
CU 12	HIGH SCHOOL	AHU 2 (EXIST) AUXILIARY GYM	ARUM192DTES	192/216	800	49"	30"	67"	460/3/60	35.7	50	12.4/25.9	REFER TO (2)(3)(5)(6)(7)
CU 13	MIDDLE SCHOOL	HP 7 CLASSROOMS	ARUM168DTES	168/189	700	49"	30"	67"	460/3/60	28.5	35	12.4/25.9	REFER TO (2)(3)(5)(6)
CU 14	HIGH SCHOOL	HP 5 CLASSROOMS	ARUM072DTES	72/81	500	37"	30"	67"	460/3/60	12.8	20	12.4/25.9	REFER TO (2)(3)(5)(6)
CU 15	MIDDLE SCHOOL	HP 8 SECURITY OFFICE	ARUN024GSS4	24/27	250	38"	16"	33"	208/1/60	19.6	30	10.7/17.0	REFER TO (2)(3)(5)(6)

NOTES

1. AS MANUFACTURED BY "LG ELECTRONICS.".
2. BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R–410A.
3. INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
4. DC INVERTER COMPRESSOR SPEED CONTROL BASED ON SYSTEM LOAD.
5. UNIT SHALL BE CONTROLLED VIA MANUFACTURER'S DDC NETWORK CONTROLLER TO INDOOR HARDWIRED CONTROLLER.
6. 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 PER MANUFACTURERS RECOMMENDATIONS.
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 SYSTEM CONTROLS. COMMUNICATION CONTROL KIT REQUIRES 208/1/60 POWER REQUIREMENTS

SCHEDULE OF REGISTERS AND DIFFUSERS

MARK	TYPE	SERVICE	MODEL No. (1)	DIRECTION DISCHARGE	DAMPER TYPE	FINISH	TYPE	REMARKS
A	CEILING DIFFUSER	SUPPLY	620	DOUBLE DEFLECTION	OPPOSED BLADE	PER ARCH.	SURFACE	REFER TO (2)(3)(4)
B	CEILING REGISTER	EXHAUST	735FF	–	OPPOSED BLADE	PER ARCH.	SURFACE	REFER TO (2)(3)(5)
C	SIDEWALL REGISTER	SUPPLY	620	DOUBLE DEFLECTION	OPPOSED BLADE	PER ARCH.	LAY–IN	REFER TO (2)(3)(4)
D	SIDEWALL REGISTER	EXHAUST	735FF	–	OPPOSED BLADE	PER ARCH.	SURFACE	REFER TO (2)(3)(5)
E	CEILING GRILLE	TRANSFER	735FF	–	OPPOSED BLADE	PER ARCH.	SURFACE	REFER TO (2)(3)(5)
X	EXISTING REGISTER/GRILLE							

NOTES

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

(4) SUPPLY NECK SIZE PER CFM RANGE (NOT TO EXCEED 500 fpm)							(5) RETURN NECK SIZE PER CFM RANGE (NOT TO EXCEED 675 fpm)							
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

SCHEDULE OF INDOOR VRF HEAT PUMP UNITS

MARK	SERVICE	MODEL No. (1)	INDOOR UNIT INFORMATION: SUPPLY FAN DATA: CFM LOW	UNIT MCA	ELECTRIC SERVICE	TOTAL CAPACITY: COOLING/HEATING kBTU/HR	DIMENSION/WEIGHT: W (IN.)	D (IN.)	H (IN.)	LBS	
HP 2	SEE PLANS	ARNU093TRD4	265	0.2	208/1/60	9.6/10.9	24	24	10	40	REFER TO (2)(3)(4)
HP 3	SEE PLANS	ARNU123TQD4	300	0.2	208/1/60	12.3/13.6	24	24	10	40	
HP 4	SEE PLANS	ARNU183TQD4	390	0.2	208/1/60	19.1/21.5	24	24	11	70	
HP 6	SEE PLANS	ARNU093TUD4	300	0.2	208/1/60	9.6/10.9	34	18	6	50	
HP 7	SEE PLANS	ARNU123TUD4	325	0.2	208/1/60	12.3/13.6	34	18	6	50	
HP 8	SEE PLANS	ARNU183TTD4	425	0.3	208/1/60	19.1/21.5	47	18	6	60	
HP 9	SEE PLANS	ARNU483NKA4	1400	1.8	208/1/60	48.0/54.0	25	22	55	150	(2)(3)(4)(5)

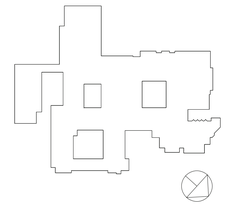
NOTES

1. AS MANUFACTURED BY "LG ELECTRONICS".
2. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
3. BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R–410A, EER 12.4/SEER 25.9/HSPF10.3.
4. 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 CONDENSATE PUMP (FOR CASSETTE UNITS).
5. 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.

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

bga
BARILE GALLAGHER & ASSOCIATES
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

SCHEDULE
HIGH SCHOOL & MIDDLE SCHOOL

SEAL & SIGNATURE

DATE:	11/07/19
PROJECT No:	9200
DRAWING BY:	BGA
CHK BY:	BGA
DWG No:	H2-301

SCHEDULE OF EXISTING AIR HANDLING UNIT

GENERAL DATA				FAN DATA				HEATING DATA (3)			COOLING DATA (3)(4)				CONDENSING UNIT		FILTER DATA			PHYSICAL DATA		ELECTRICAL DATA				REMARKS
MARK	SERVICE	MODEL NUMBER	OAI CFM MAX./MIN.	CFM	EXT. S.P IN H_2O	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	MOP	SERVICE	
AHU-1 (EXIST)	AUXILIARY GYM	–	4500 / 1800	4500	1.0	–	–	205	40	110	170	120	78/65	55/54	CU-1	AUXILIARY GYM	–	–	MERV 13	–	–	–	–	–	208/3/60	REFER TO (2)(5)
AHU-2 (EXIST)	AUXILIARY GYM	–	4500 / 1800	4500	1.0	–	–	205	40	110	170	120	78/65	55/54	CU-2	AUXILIARY GYM	–	–	MERV 13	–	–	–	–	–	208/3/60	(2)(5)
			/																							
			/																							

NOTES
1. AS MANUFACTURED BY "CARRIER".
2. REFURBISH IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.
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).
4. BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R-410A, SEER 12.0,
5. 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.

SCHEDULE OF UNIT HEATER

MARK	MODEL No. (1)	CAPACITY DATA BTU/HR	EWT °F	LWT °F	GPM	MOTOR WATTS	ELECTRIC SERVICE	PHYSICAL DATA LxWxH	WEIGHT (LBS)	REMARKS
UH-A	HS-18	11725	160	140	1.0	9	120/1/60			REFER TO (1)(2)(3)(4)

NOTES
1. AS MANUFACTURED BY "STERLING".
2. INSTALL PER MANUFACTURER'S RECOMMENDATIONS
3. CAPACITIES BASED ON HIGH SPEED FAN SETTING AND HW 160°F/140°F
4. QUANTITIES AS IDENTIFIED ON HVAC DRAWINGS.

SCHEDULE OF CONVECTORS

MARK	MODEL No. (1)	MBH	GPM	PHYSICAL DATA D	L	H	WEIGHT	REMARKS
CONV-A	SF-A	3.5	1.0	4"	36"	26"	50	REFER TO (2)(3)
CONV-B	SF-A	8.0	2.0	6"	48"	32"	75	(2)(3)
CONV-C	SF-A	11.0	2.0	6"	64"	32"	100	(2)(3)

NOTES
1. AS MANUFACTURED BY "STERLING".
2. INSTALL PER MANUFACTURER'S RECOMMENDATIONS
3. CAPACITIES BASED ON 150° A.W.T.

SCHEDULE OF DUCT MOUNTED HEATING COILS

GENERAL DATA			SIZE					AIR 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
HC-1	HIGH SCHOOL	EDU-1	–	–	–	2 MINIMUM	12 MAXIMUM	6600	435	0.2" MAX	600 MAX.	10	70	STEAM	5 FT. MAX	REFER TO (1)(2)(3)
HC-2	HIGH SCHOOL	EDU-2	–	–	–			6600	435					STEAM		
HC-3	HIGH SCHOOL	EDU-3	–	–	–			600	36					STEAM		
HC-4	HIGH SCHOOL	EDU-4	–	–	–			400	27					3.0		
HC-5	HIGH SCHOOL	EDU-5	–	–	–			200	14					2.0		
HC-6	HIGH SCHOOL	EDU-6	–	–	–			6000	396					40.0		
HC-7	MIDDLE SCHOOL	AHU-2 (EXIST)	–	–	–			8000	528					53.0		
HC-8	HIGH SCHOOL	EDU-8	–	–	–			1500	99					10.0		
HC-9	HIGH SCHOOL	EDU-9	–	–	–			400	27					3.0		
HC-11	MIDDLE SCHOOL	EDU-11	–	–	–			400	27					3.0		

NOTES
1. ENTERING WATER TEMPERATURE 180°F, 20°F ΔT.
2. PROVIDE INSPECTION AND CLEANING DUCT ACCESS DOOR ON UPSTEAM SIDE OF COIL.
3. 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.

SCHEDULE OF CABINET HEATERS

MARK	TYPE UNIT	MODEL No.	CAPACITY DATA (2) BTU/HR	CFM	GPM	PD.FT.	MOTOR HP	MOTOR RPM	ELECTRIC SERVICE	PHYSICAL DATA (IN)	WEIGHT (LBS)	REMARKS
CH-A	RECESSED CLG. MTD.	RC1200-03 (1)	21,900	265	3.0	0.77	1/15	1100	120/1/60	43Wx25Lx10H	125	REFER TO (2)(3)(4)
CH-B	RECESSED WALL MTD.	RW1120-03	21,900	265	3.0	0.77	1/15	1100	120/1/60	43Wx25Lx10H	125	REFER TO (2)(3)(4)

NOTES
1. AS MANUFACTURED BY "STERLING".
2. INSTALL PER MANUFACTURER'S RECOMMENDATIONS
3. 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 SECTION AND SEALS.

SCHEDULE OF EXPANSION TANK

MARK	MODEL No. (1)	TANK VOLUME GALS.	ACCEPTANCE VOLUME GALS.	REMARKS
ET-1	B-400	106	106	REFER TO (2)(3)

NOTES
1. AS MANUFACTURED BY "BELL & GOSSETT".
2. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
3. VERTICAL MOUNTING 125PSI ASME TANK, DIMENSIONS 24"x65"H / 1200LBS.

SCHEDULE OF BOILERS

BOILER DATA MARK	LOCATION	MODEL No. (1)	BURNER DATA INPUT (MBH)	OUTPUT (MBH)	FUEL	ELECTRICAL SERVICE	MCA	PHYSICAL DATA (IN)	WEIGHT (LBS)	REMARKS
B-1 B-2 B-3	BOILER ROOM	ENDURA 1000	1000	902	GAS	120/1/60	20	28Wx51Lx68H	2000	REFER TO (2)(3)(4)(5)(6)

NOTES
1. AS MANUFACTURED BY "FULTON".
2. BURNER INTEGRAL TO BOILER.
3. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
4. 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 THE BOILERS SHALL BE FULLY RE-COMMISSIONED BY AUTHORIZED TECHNICIAN.
5. PROVIDE MANUFACTURER RECOMMENDED COMBUSTION AIR INTAKE AND EXHAUST VENT PIPING, VENT PIPE CONDENSATE DRAIN, HIGH/LOW LIMIT CONTROL, DUAL LOW WATER CUT OFFS, OUTDOOR AIR TEMPERATURE SENSOR KIT, MULTIPLE BOILER CONDENSATE NEUTRALIZER PACKAGE. VENT PIPING PER THIS MANUFACTURER AL-29-4C OR 316L, BACNET CONTROLS, DISCONNECT SWITCH, LEAD LAG CONTROLS, MOTORIZED ISOLATION VALVES, BOILER PUMP START/STOP SIGNAL, VENTLESS GAS TRAIN, MODSYNC CONTROL PANEL.
6. HOT WATER BASED ON 140°F E.W.T., 160°F L.W.T.

SCHEDULE OF EXISTING STEAM BOILERS

BOILER DATA MARK	SERVICE	MODEL No. (1)	NUMBER OF SECTIONS	BURNER DATA MODEL No. (2)	OUTPUT (BHP)	OUTPUT (MBH/HR)	BOILER EFFICIENCY	FIRING RATE OIL (GPH)	FIRING RATE GAS (MBH)	BURNER MOTOR HP	OIL PUMP MOTOR HP	INDUCED DRAFT FAN DATA MODEL No. (3)	MOTOR HP	REMARKS
BOILER #1	ORIG.BLDG. & ADDITION	6500 -S-21	21	C7-GO-30	325	8463	83.7%	92	–	7 1/2 (208/3/60)	3/4 (208/3/60)	24C30D-3	3 (208/3/60)	
BOILER #2														
BOILER #3														

NOTES
1. AS MANUFACTURED BY "H.B. SMITH".
2. AS MANUFACTURED BY "POWERFLAME".
3. AS MANUFACTURED BY "AUBURN".

SCHEDULE OF PUMPS

MARK	SERVICE	LOCATION	MODEL No. (1)	GPM	HEAD FT.H_2O	RPM	MOTOR HP/BHP	ELECTRIC SERVICE	PHYSICAL DATA (IN)	WEIGHT (LBS)	REMARKS
CWP-1 CWP-2	HEATING LOOP	MECHANICAL	SERIES E-1510 5GB	800	80	1800	30/21	460/3/60	25Wx56Lx30H	1100	REFER TO (2)(3)
CWP-3 CWP-4	HEATING LOOP	MECHANICAL	SERIES E-1510 3AD	300	130	1800	25/17.5		21Wx52Lx24H	900	REFER TO (2)(3)
CWP-5 CWP-6	HEATING LOOP	MECHANICAL	SERIES E-1510 3AD	300	130	1800	25/17.5		21Wx52Lx24H	900	REFER TO (2)(3)
CWP-7 CWP-8 CWP-9	HEATING LOOP	MECHANICAL	SERIES E-80 4x4x9.5B	200	20	1170	2/1.5		12Wx25Lx29H	300	REFER TO (2)(3)
CWP-10 CWP-11	HEATING LOOP	MECHANICAL	– –	200	75	1750	7.5/–		–	–	REFER TO (4)

NOTES
1. AS MANUFACTURED BY "BELL & GOSSETT".
2. INSTALL PUMPS PER MANUFACTURER'S RECOMMENDATIONS.
3. PROVIDE VFD'S FOR ALL PUMPS. VFD'S SHALL BE WALL OR STAND MOUNTED NEAR PUMPS. PROVIDE ALL MOUNTING HARDWARE.
4. 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 EXISTING PUMP PERFORMANCES.

1

SCHEDULE OF UNIT VENTILATORS

MARK	MODEL No.	CFM	MIN. (2) O.A. CFM	COOLING DATA TOTAL CAPACITY MBH	COOLING DATA SENSIBLE CAPACITY MBH	HEATING DATA (2) CAPACITY MBH	GPM	ROWS	FILTER TYPE	MOTOR H.P.	ELEC. SERV.	MOTOR FLA	MCA	MOP	PHYSICAL DATA DIMENSION / WEIGHT	REMARKS
UV-A	FRESHMAN HNA1000BC (1)	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 (3)(4)
UV-B	FRESHMAN HNA1800BC (1)	1750	550	–	–	76	5	2	THROWAWAY (2)12"x20"x2"	0.5 EA	208/1/60	4.7	14.4	20	47"Lx35"Wx115"H/600LBS	(3)(4)
UV-C	MAUV1500	1500	1055	–	–	84	9	3	THROWAWAY	0.5	115/1/60	4.7	5.9	15	100"Lx22"Wx30"H/750LBS	(3)(5)

NOTES
1. AS MANUFACTURED BY "CHANGEAIR SYSTEMS". (4) UNIT SHALL INCLUDE ERV (ENERGY RECOVERY WHEEL) PACKAGE, SOUND PACKAGE, HOT WATER HEATING COIL, DX COIL FOR FUTURE CONNECTION, 24" HIGH ACOUSTICALLY LINED SUPPLY PLENUM WITH MULTIPLE REGISTERS, FIELD ERECTED TOP EXTENSION SECTIONS TO CEILING, MODULATING ECONOMIZER (100% OA) 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 ENCLOSURES AND TRIM/COVE BASE PIECES SHALL MATCH UNIT COLOR AND FINISH).
2. AS MANUFACTURED BY "MAGIC AIRE CORP". (5) UNIT SHALL INCLUDE HOT WATER HEATING COIL, FULL ADAPTER BACK WITH PIPE TUNNEL, INSULATED VALVE PACKAGE, DISCHARGE GRILLE WITH SCREEN, INSULATED OUTSIDE AIR DAMPER, FACE AND BYPASS DAMPER, 2" MERV 8 FILTERS.
3. BASED ON 160° F E.W.T., 140° F L.W.T.
4. INSTALL PER MANUFACTURER'S RECOMMENDATIONS

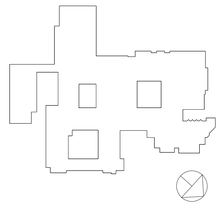
SCHEDULE OF MINIMUM VENTILATION ROOM FLOW RATES

ROOM NAME/NUMBER	OCCUPANCY CATEGORY	A ROOM AREA (SQ.FT.)	B PEOPLE DENSITY (#P/1000 SQ.FT.)	C PEOPLE OUTDOOR AIR FLOW RATE (CFM/PERSON)	D AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE (CFM/SQ.FT.)	E EXHAUST AIR FLOW RATE (CFM/SQ.FT.)	F NUMBER OF PEOPLE (A×B)÷1000=#P	G OUTDOOR AIR FLOW RATE WITHOUT ZONE EFFECTIVENESS FACTOR (F×C)+(A×D)=CFM	H ZONE AIR DISTRIBUTION EFFECTIVENESS FACTOR	I 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	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 143I	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	0	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
CLASSROOM 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	0	27	361	0.8	451	0
H206											
HIGH 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	0	449	4175	0.8	5219	0
H209											
CLASSROOM 221	CLASSROOM (AGES 9+)	691	35	10	0.12	0	25	333	0.8	416	0
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	0
CLASSROOM 224	CLASSROOM (AGES 9+)	920	35	10	0.12	0	33	440	0.8	551	0
CLASSROOM 226	CLASSROOM (AGES 9+)	716	35	10	0.12	0	26	346	0.8	432	0
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	0
H211											
LEARNING STUDIO 310	CLASSROOM (AGES 9+)	402	35	10	0.12	0	15	198	0.8	248	0
LEARNING STUDIO 312	CLASSROOM (AGES 9+)	402	35	10	0.12	0	15	198	0.8	248	0
LEARNING COMMONS	CLASSROOM (AGES 9+)	2240	35	10	0.12	0	79	1059	0.8	1324	0
SGR 315	CLASSROOM (AGES 9+)	105	35	10	0.12	0	4	53	0.8	66	0
ELEVATOR LOBBY 300	LOBBIES	80	150	5	0.06	0	12	65	0.8	81	0

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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

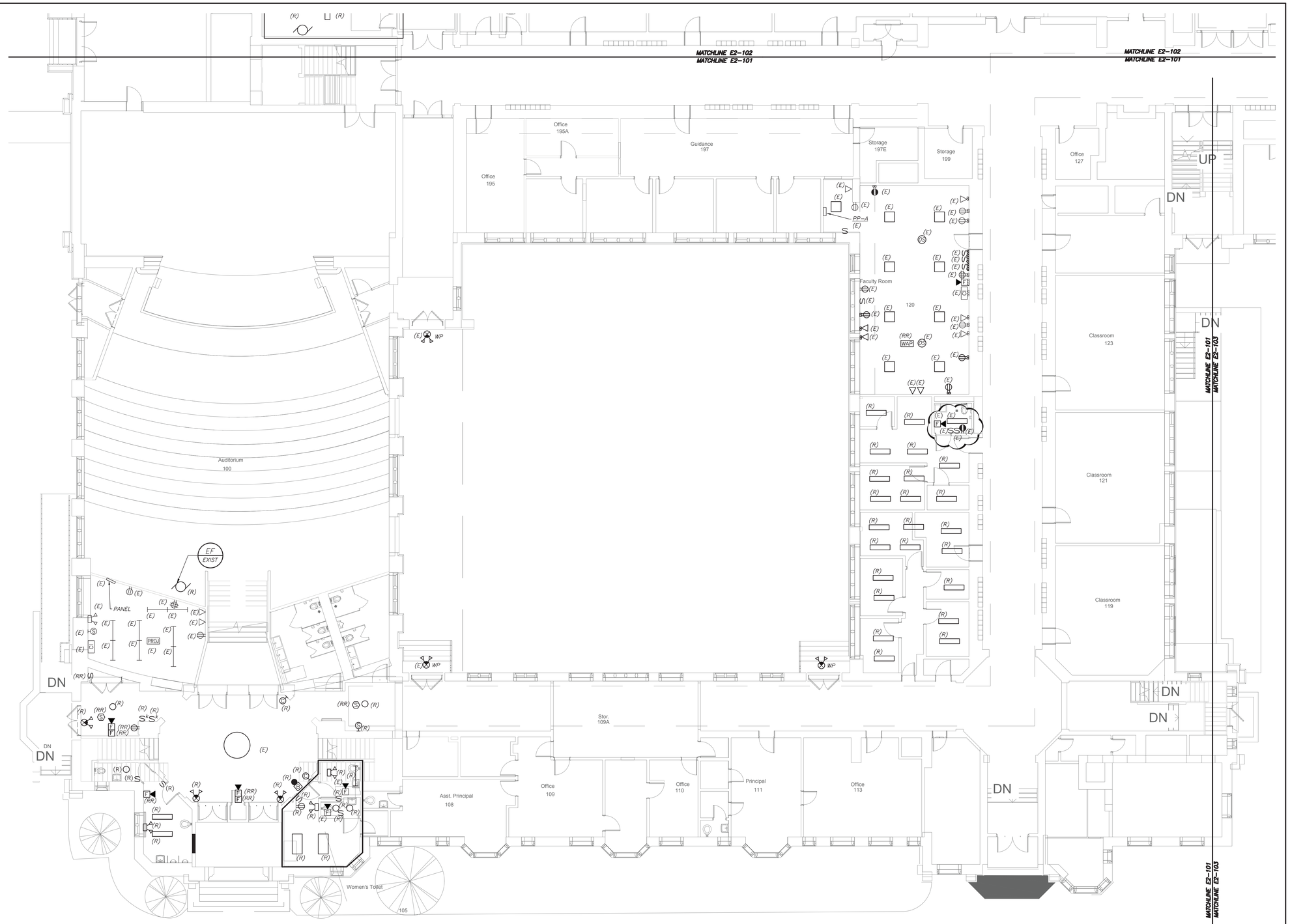
PROJECT
Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

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

HIGH SCHOOL & MIDDLE SCHOOL SCHEDULE

SEAL & SIGNATURE

DATE: 11/07/19
PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No: H2-302



PARTIAL FIRST FLOOR PLAN (REMOVALS) (PROJECT 1)

1 / E2-101

0 8' 16'

1/8 inch=1 foot

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

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

REMOVAL NOTES:

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

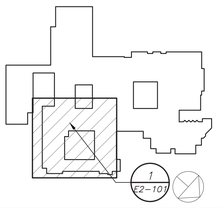
WORK NOTES:

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

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

Revision Schedule

No.	Description	Date
1	SED Submission	09/15/2020
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

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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 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



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

1/8 inch=1 foot

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

PHASE 1 NOTES:

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

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

Revision Schedule

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

Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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 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:

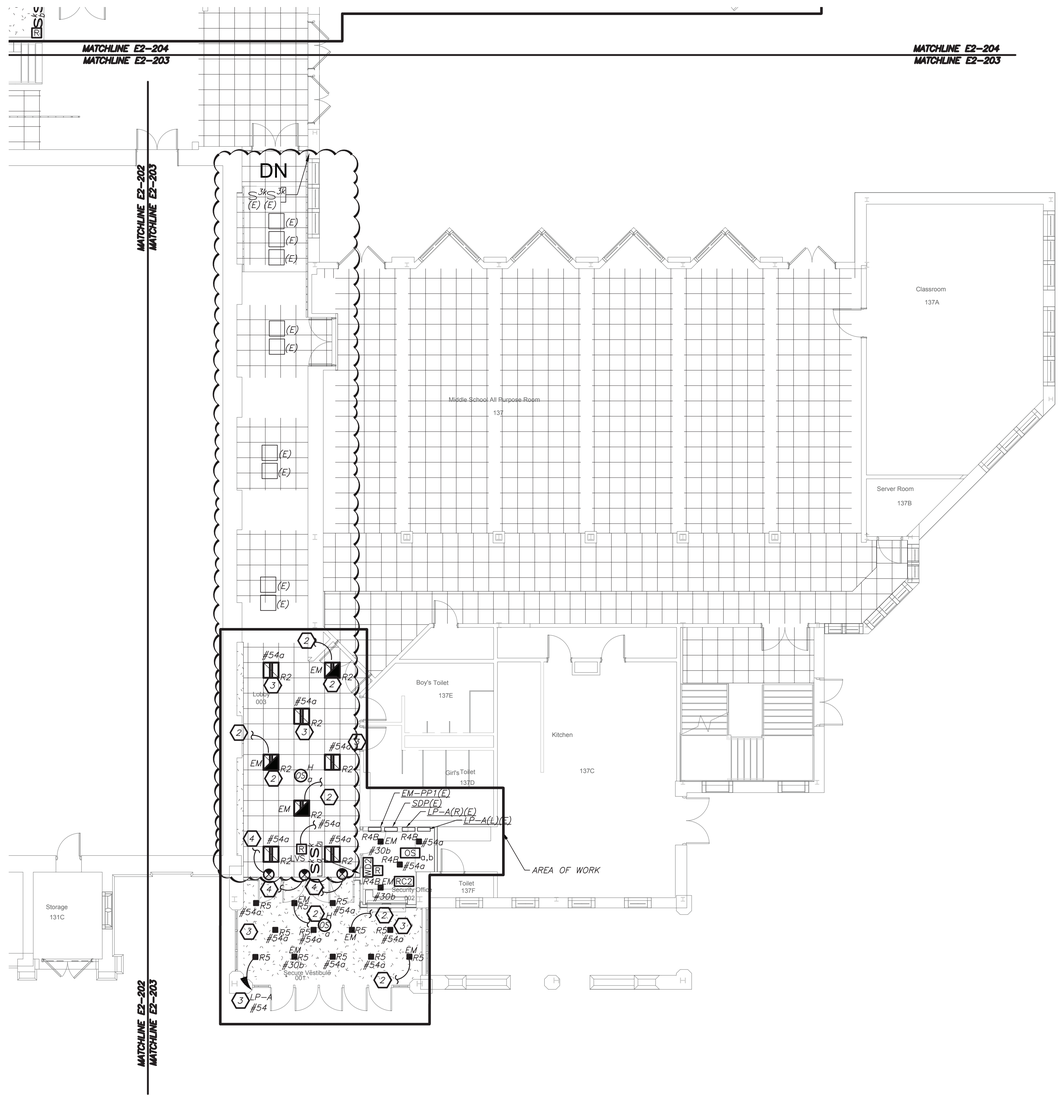
1. NOT USED
2. CIRCUIT NEW EMERGENCY LIGHTING TO EXISTING EMERGENCY CIRCUIT SERVING CORRIDOR. EC TO CONFIRM CIRCUIT IN FIELD. PROVIDE 2#12+1#12G IN 3/4"C FROM NEW LIGHTS TO EXISTING LIGHT FIXTURES.
3. CIRCUIT NEW NORMAL LIGHTING ON EXISTING LIGHTING CIRCUIT IN THIS AREA. CIRCUIT NUMBER ARE FOR REFERENCE ONLY. EC TO CONFIRM CIRCUIT # IN FIELD. PROVIDE 2#12+1#12G IN 3/4"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 SCHEDULE.
2. REFER TO DRAWING E2-600 SERIES FOR PANELBOARD SCHEDULES.
3. REFER TO DRAWING E2-701 AND E2-702 FOR LIGHTING CONTROL WIRING DIAGRAMS AND DETAILS.
4. NORMAL SIDE SENSING LINE ON ALL EMERGENCY LIGHTING RELAY SHALL BE CIRCUITED TO THE NORMAL LIGHTING CIRCUIT IN THE ROOM/AREA IT SERVES.
5. FOR ALL AREAS CONTROLLED BY ROOM CONTROLLER "RC", ELECTRICAL CONTRACTOR IS TO CIRCUIT ROOM CONTROLLER, THEN EXTEND LINE VOLTAGE CIRCUITRY TO EACH OF THE LIGHT FIXTURES DEPENDING ON CONTROL ZONES. REFER TO ROOM CONTROLLER WIRING DIAGRAM DETAILS ON DRAWING E2-702.
6. ALL EXIT LIGHTS SHALL BE CIRCUITED TO NORMAL LIGHTING CIRCUIT IN THE AREA, AHEAD OF ANY SWITCHING.
7. SET LIGHTING CONTROL SENSORS TO HIGHEST SENSITIVITY AVAILABLE PRIOR TO INSTALLATION.



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

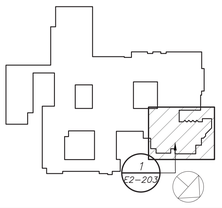
1 / E2-203

0 8" 16"
1/8 inch=1 foot

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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

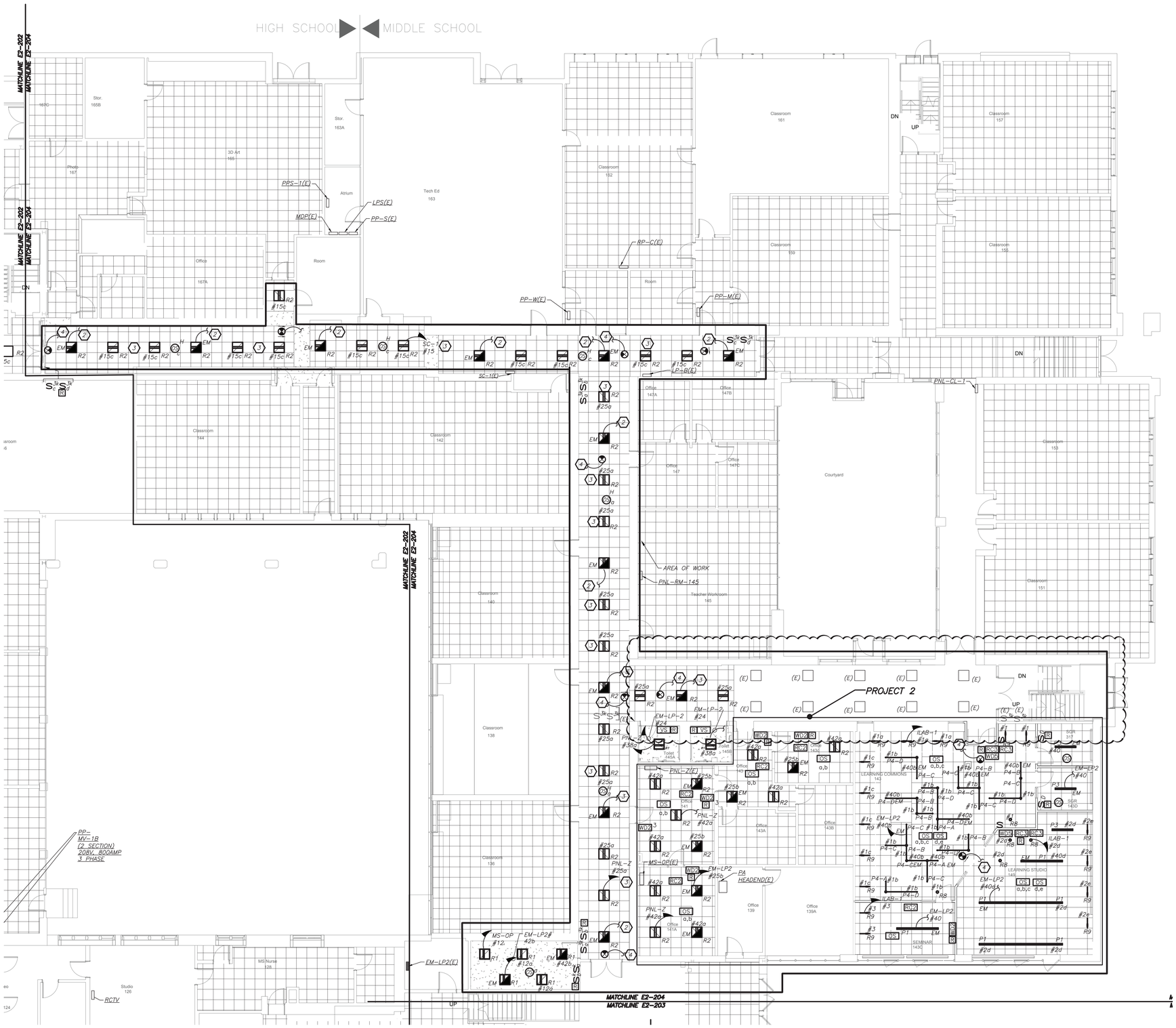
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL PART 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



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

1/8 inch=1 foot

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:

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

LIGHTING CONTROL AND SEQUENCE OF OPERATION:

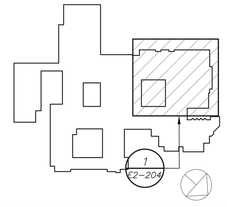
1. NEW LEARNING COMMONS ILAB ARE CONTROLLED VIA MANUAL ON DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. IT CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C' 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN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

GENERAL NOTES:

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

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

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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

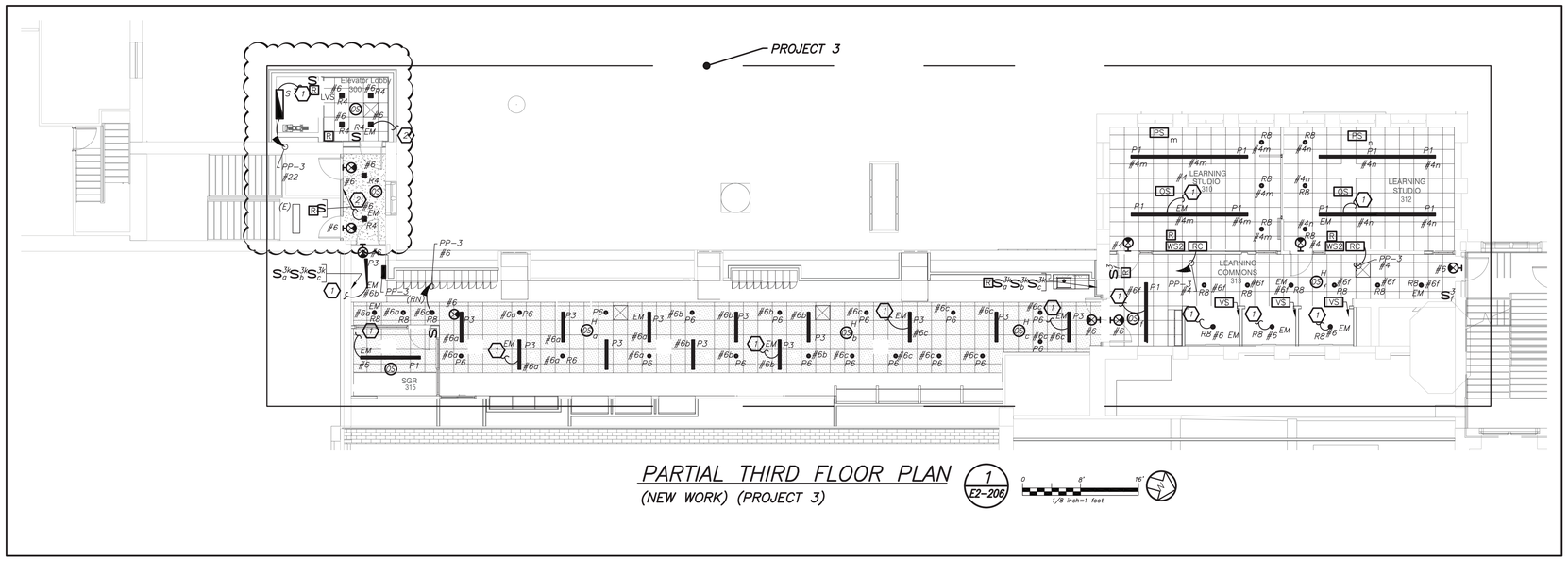
Rye High School & Middle School
1 Parsons Street, Rye, New York 10580

HIGH SCHOOL & MIDDLE SCHOOL PART FIRST FLOOR LIGHTING PLAN

PROJECT 1 & 2

SEAL & SIGNATURE

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



PARTIAL THIRD FLOOR PLAN

(NEW WORK) (PROJECT 3)

1 / E2-206

0 8' 16'

1/8 inch=1 foot

LIGHTING CONTROL AND SEQUENCE OF OPERATION:

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

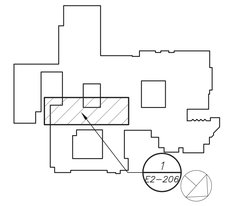
WORK NOTES:

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

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

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

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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 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



PARTIAL FIRST FLOOR PLAN (NEW WORK)

1/8 inch=1 foot

WORK NOTES:

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

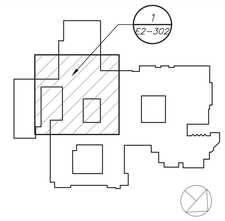
GENERAL NOTES:

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

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

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

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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

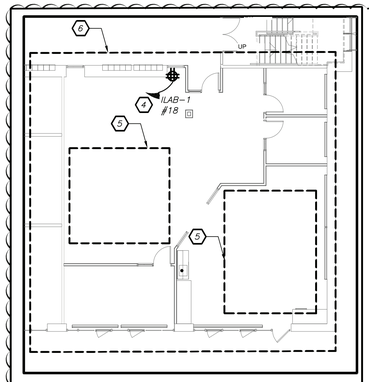
1 Parsons Street, Rye, New York 10580

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

PROJECT 1 & 3

SEAL & SIGNATURE

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



LISTENING LOOP IN ILAB (PROJECT 2)

2 / E2-304

N.T.S.

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.
4. EXISTING BUILDING HAS FULL FIRE ALARM COVERAGE CONSISTING OF MANUAL PULL STATIONS, SMOKE DETECTORS, HEAT DETECTORS,, HORN/STROBES, STROBES, MAGNETIC DOOR HOLDERS ETC. AREAS OF WORK ONLY SHOWN WITH NECESSARY MODIFICATIONS.
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:

1. 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.
2. PROVIDE NEW SMOKE DETECTORS IN THE CORRIDORS AS REQUIRED BY CODE. ALL NEW FIRE ALARM WIRING TO BE CONNECTED TO NEAREST EXISTING LOOPS IN THE AREA.
3. CIRCUIT FOR CEILING MOUNTED POWER OUTLET FOR AV RACK. REFER TO AUDIO VISUAL DRAWINGS AVE SERIES FOR ADDITIONAL INFORMATION.
4. PROVIDE POWER FOR TELE-COIL LOOP AMPLIFIER.
5. ELECTRICAL CONTRACTOR SHALL SCORE THE FLOOR AND FURNISH AND INSTALL TELECOIL LOOP. REFER TO AVE2 DRAWINGS FOR MORE DETAILS ON THE TOTAL SCOPE OF WORK INCLUDING 27000 SECTION OF SPECIFICATION.
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 DISTRICT AND CONSTRUCTION MANAGER.

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



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

1 / E2-304

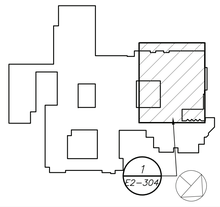
0 8' 16'

1/8 inch=1 foot

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
39 MARBLE AVE PLEASANTVILLE, NY 10570
914.328.6000 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 FIRST FLOOR POWER AND FA PLAN

PROJECT 1 & 2

SEAL & SIGNATURE

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

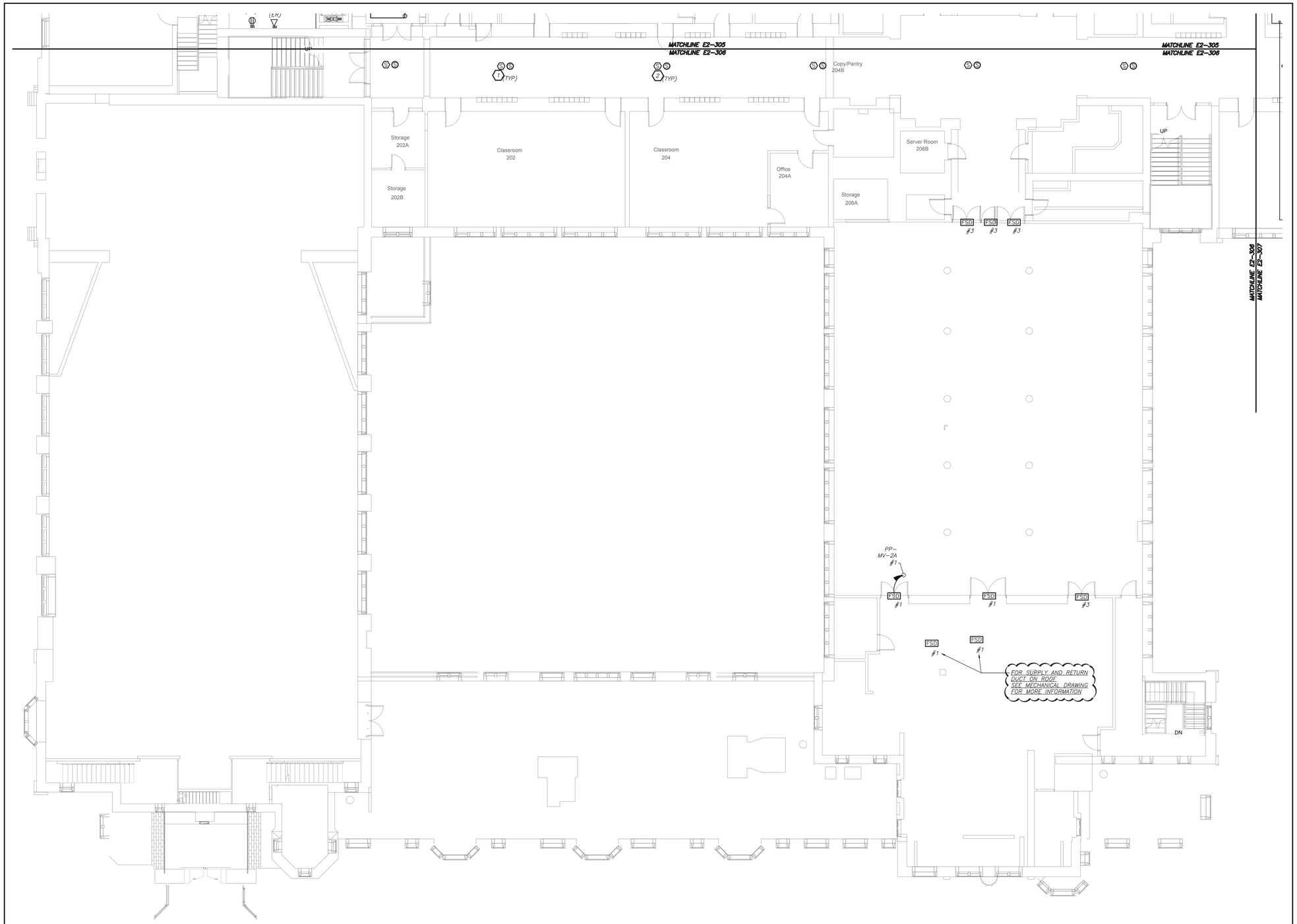
GENERAL NOTES:

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

WORK NOTES:

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

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



PARTIAL SECOND FLOOR PLAN (NEW WORK)

1 / E2-306

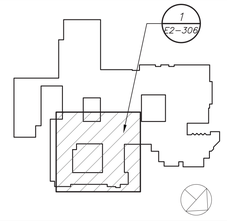
0 8" 16"

1/8 inch=1 foot

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

bga
BARILE GALLAGHER & ASSOCIATES
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

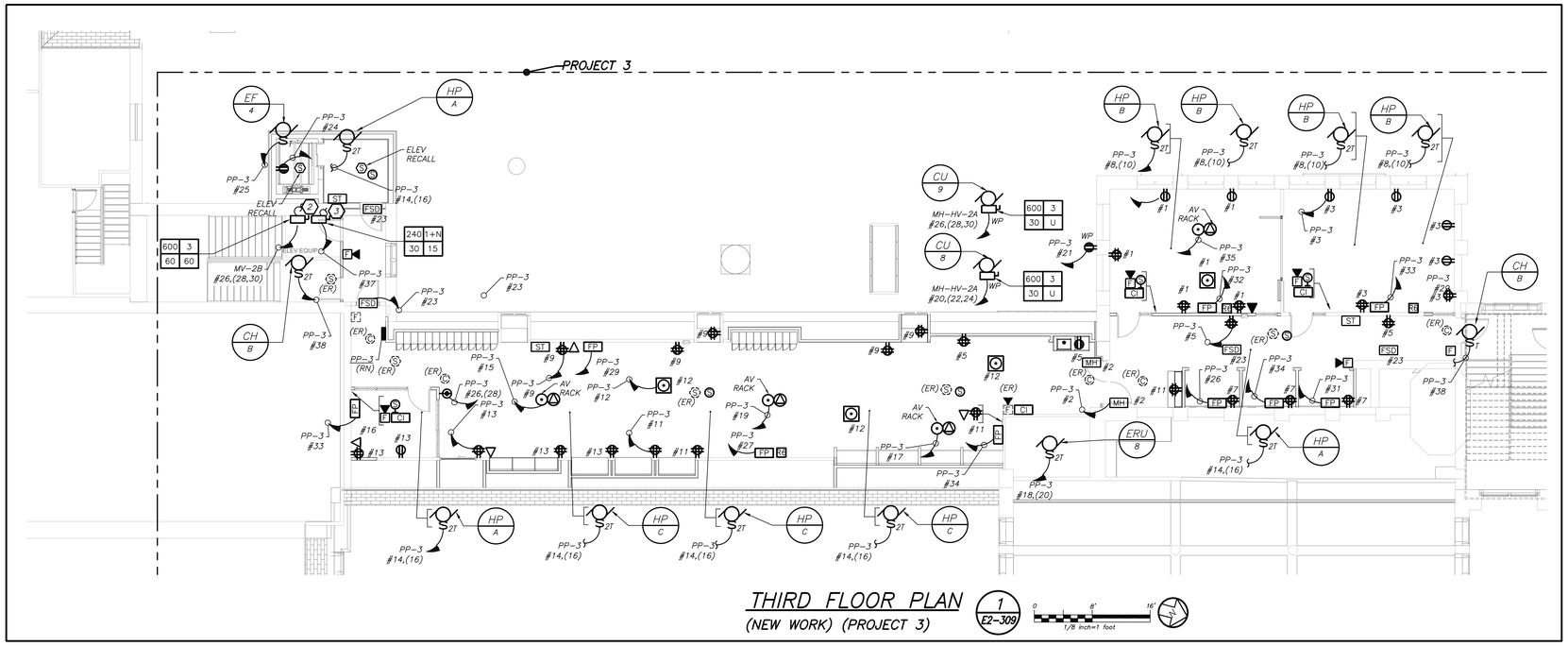
1 Parsons Street, Rye, New York 10580

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

PROJECT 1

SEAL & SIGNATURE

DATE: 11/07/19
PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No: E2-306



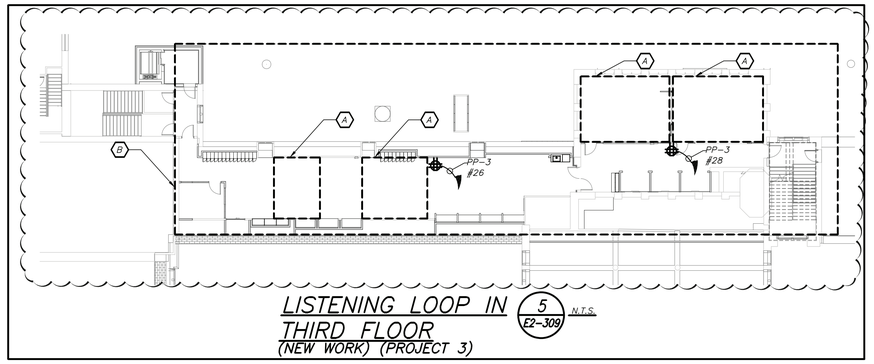
THIRD FLOOR PLAN (NEW WORK) (PROJECT 3)

1 E2-309 — 1/8 inch=1 foot

WORK NOTES:

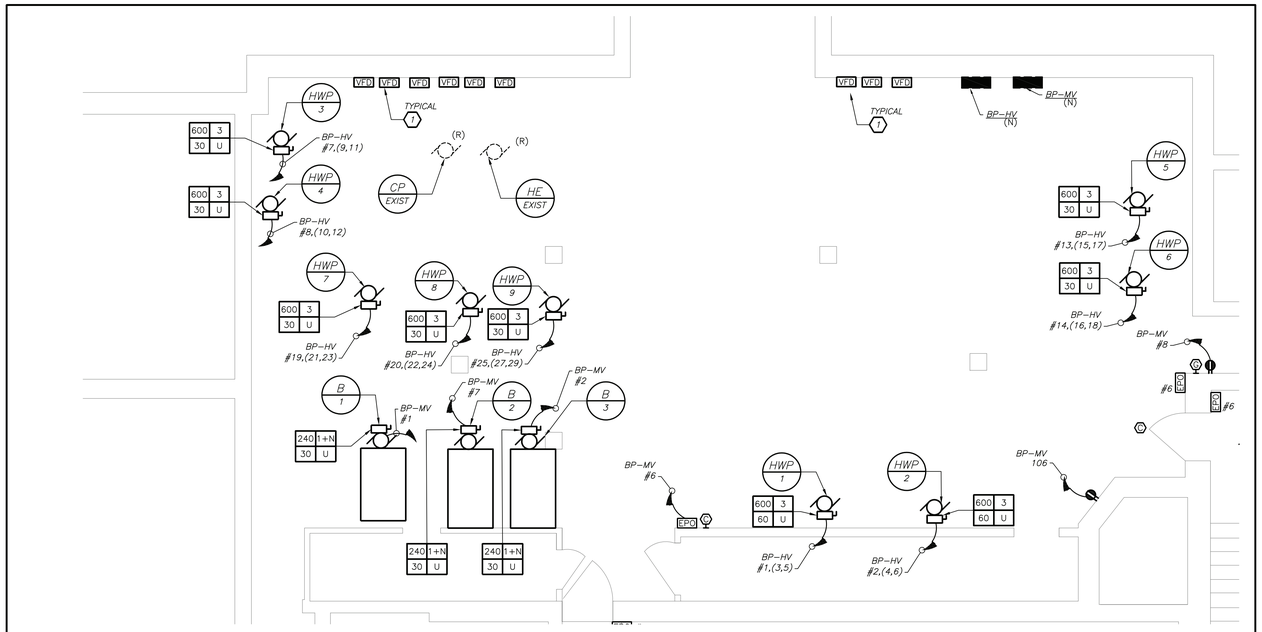
A. ELECTRICAL CONTRACTOR SHALL CHOP UP FLOOR TO PROVIDE TELECOIL LOOP. REFER TO AV DRAWING FOR MORE DETAILS ON SCOPE OF THE LOOP.

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



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

5 E2-309 — N.T.S.



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

2 E2-309 — 1/4 inch=1 foot

GENERAL NOTES:

1. REMOVAL AND RELOCATING OF ALL SECURITY CAMERAS AND WIRELESS ACCESS POINTS SHALL BE DONE BY OWNER.
2. COORDINATE EXACT FINAL LOCATION OF ALL AV RELATED BOXES AND EQUIPMENT WITH AV2 DRAWING AND VENDOR BEFORE THE START OF ANYWORK. ELECTRICAL CONTRACTOR SHALL NOT START INSTALLATION UNTIL YOU THEY HAVE A SIGN OF FROM SCHOOL DISTRICT AND CONSTRUCTION MANAGER.

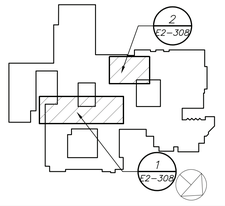
WORK NOTES:

1. ELECTRICAL CONTRACTOR SHALL CONNECT VFD TO EACH HOT WATER PUMP.
2. PROVIDE 2#18 WITH DRY CONTACTS FROM PANEL MH-HV-2B TO DISCONNECT.
3. PROVIDE 2#18 WITH DRY CONTACTS FROM PANEL PP-3 TO DISCONNECT.
4. PROVIDE RECEPTACLE FOR CHEMICAL FEED. COORDINATE EXACT LOCATION OF RECEPTACLE WITH MECHANICAL CONTRACTOR BEFORE THE START OF ANY WORK.

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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

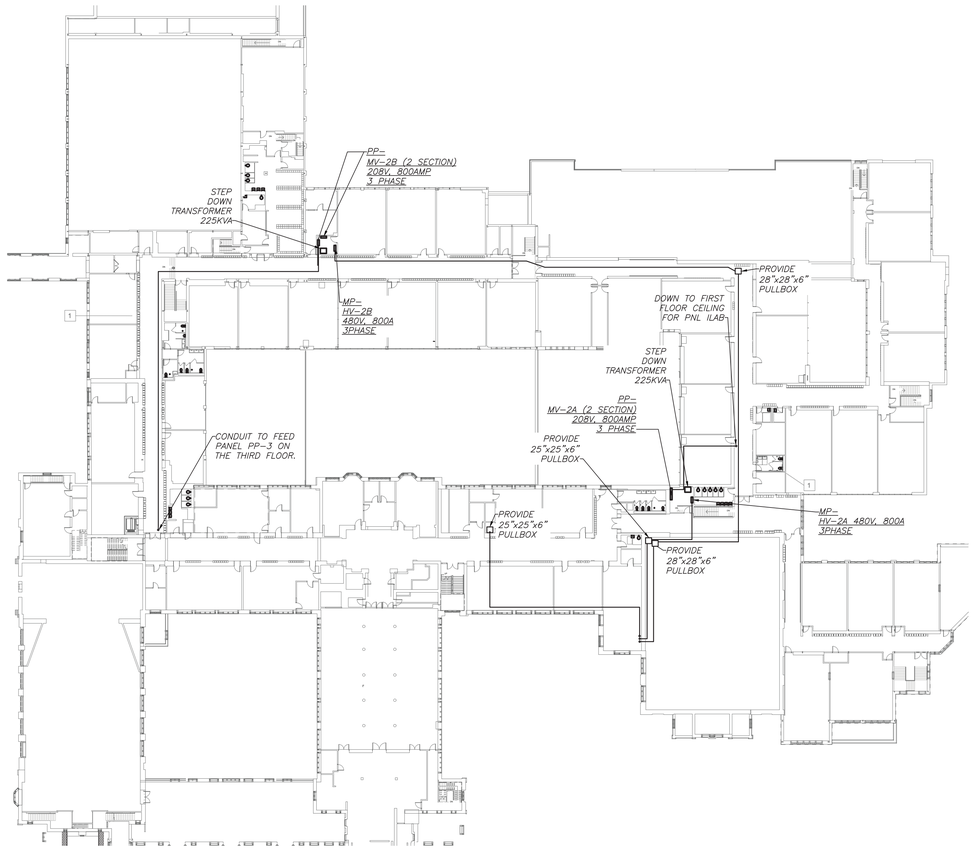
1 Parsons Street, Rye, New York 10580

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

PROJECT 1 & 3

SEAL & SIGNATURE

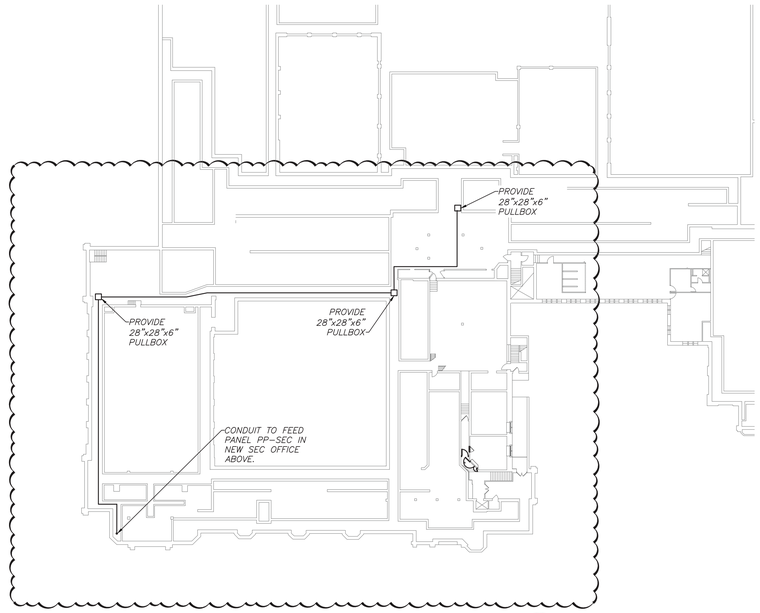
DATE: 11/07/19
PROJECT No: 9200
DRAWING BY: BGA
CHK BY: BGA
DWG No: E2-309



SECOND FLOOR CONDUIT ROUTING
(NEW YORK)

2 E2–311

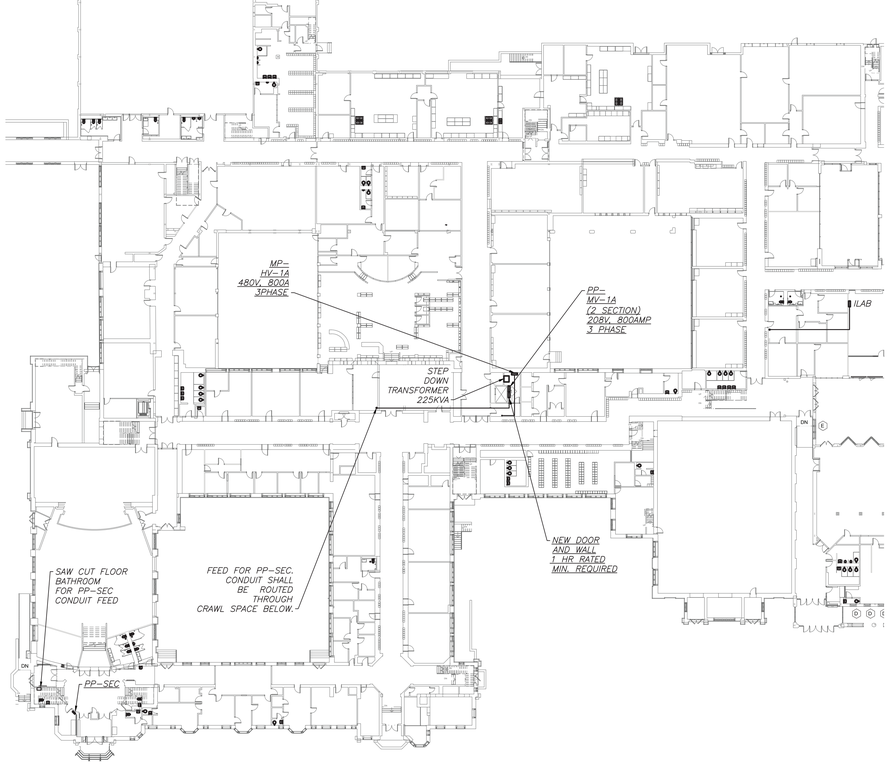
0 32' 64'
1/32 inch=1 foot



BASEMENT FLOOR CONDUIT ROUTING
(NEW YORK)

1 E2–311

0 32' 64'
1/32 inch=1 foot



FIRST FLOOR CONDUIT ROUTING
(NEW YORK)

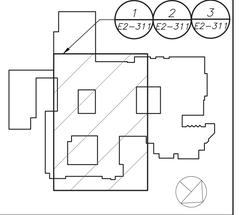
2 E2–311

0 32' 64'
1/32 inch=1 foot

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

Revision Schedule

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



Geddis Architects
Architecture. Planning. Interiors
71 Old Post Road
P.O. Box 1020
Southport, CT 06890
(203) 256-8700

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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

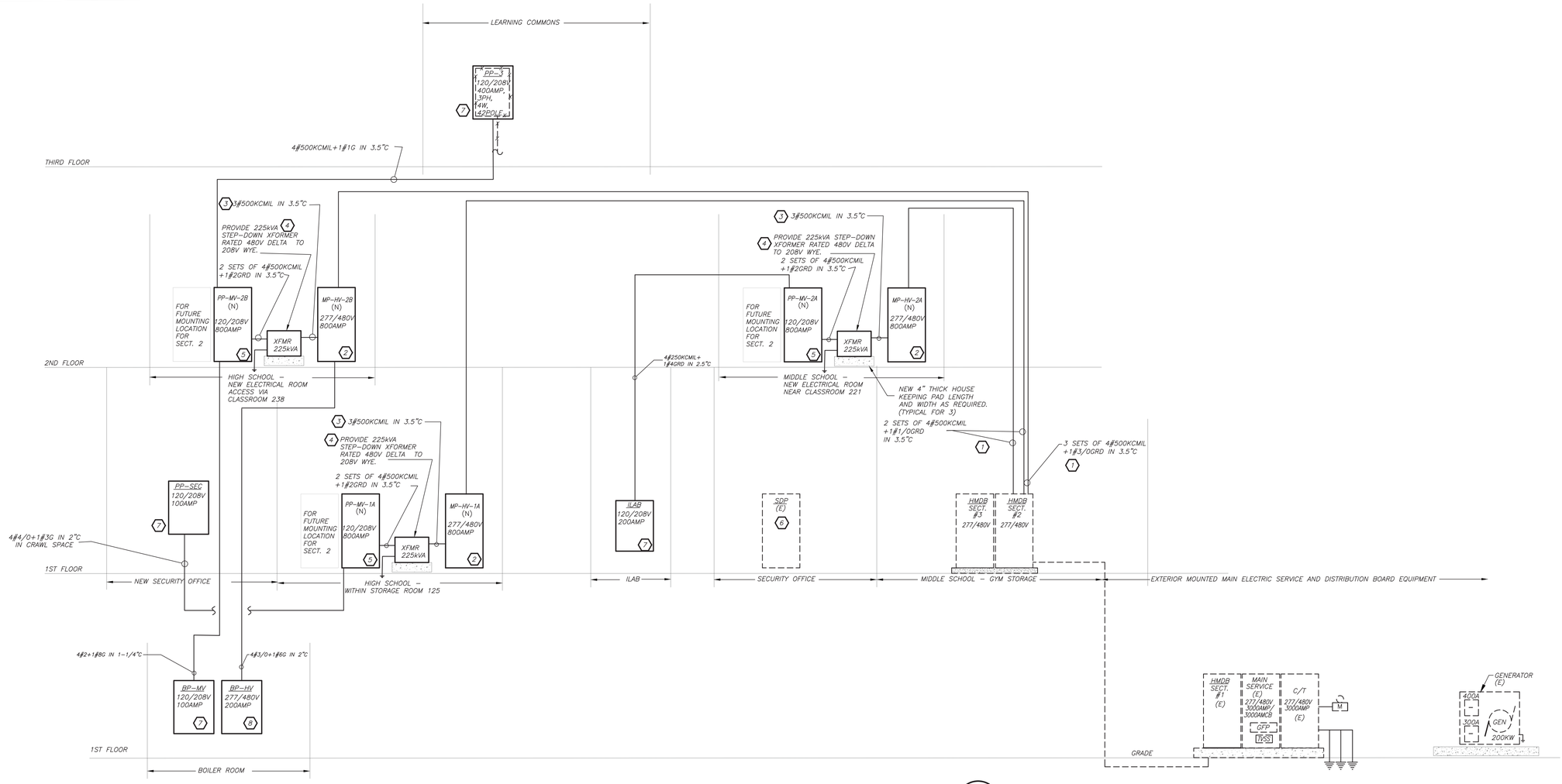
Rye City School District
555 Theodore Fremd Ave, Rye, NY 10580

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

HIGH SCHOOL & MIDDLE SCHOOL ELECTRICAL CONDUIT ROUTING

SEAL & SIGNATURE

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



HSMS PART POWER RISER DIAGRAM

1 E2-501 N.T.S.

WORK NOTES:

1. 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.
3. 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 REQUIRED AND NECESSARY ACCESSORIES.
6. PROVIDE NEW 3P-200AMP BREAKER IN AVAILABLE SPACE. PROVIDE CONDUIT AND WIRE SIZED AS INDICATED. REFER TO FLOOR PLANS FOR CONDUIT RUN.
7. PROVIDE NEW 120/208V PANELBOARD. FOR PANEL SIZE, TYPE AND CIRCUIT BREAKER ARRANGEMENT REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES.

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

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

Fielding International
Transforming Education by Design
259 Water Street Suite 1L
Warren , RI 02885 USA
+1 401-289-2789

BARILE GALLAGHER & ASSOCIATES
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

(NEW) ELECTRICAL PANEL SCHEDULE (HIGH SCHOOL)

PNL: BP-HV | 480Y/277, 3 PHASE, 4 WIRE | 22 ,000MIN A.I.C. SYM | NEUTRAL: 100%

MOUNTING: SURFACE (NEMA 1) FLUSH | IN MCC | MAIN LUGS ONLY | DOUBLE LUGS | FEED THRU LUG | SHUNT TRIP MAIN | MAIN C BKR- 200A/3P | MAIN BUS - 200 A | GROUND BUS: | ISOLATED GROUND BUS: | TVSS: | NUMBER OF POLES: 42

CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA/PHASE A	B	C	KVA/PHASE A	B	C	CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.
1	3		-	-	10.8						-	-		3	2
3		HWP-1	3#0+1#10G	3/4		10.8					3/4	3#0+1#10G	HWP-2		4
5	50		-	-			10.8				-	-		50	6
7	3		-	-	7.21						-	-		3	8
9		HWP-3	3#10+1#10G	3/4		7.21					3/4	3#10+1#10G	HWP-4		10
11	30		-	-			7.21				-	-		30	12
13	3		-	-	7.21						-	-		3	14
15		HWP-5	3#10+1#10G	3/4		7.21					3/4	3#10+1#10G	HWP-6		16
17	30		-	-			7.21				-	-		30	18
19	3		-	-	0.69			0.69			-	-		3	20
21		HWP-7	3#12+1#12G	3/4		0.69			0.69		3/4	3#12+1#12G	HWP-8		22
23	20		-	-			0.69			0.69	-	-		20	24
25	3		-	-	0.69						-	-	SPARE	20	26
27		HWP-9	3#12+1#12G	3/4		0.69					-	-	SPARE	20	28
29	20		-	-			0.69				-	-	SPARE	20	30
31	20	SPARE	-	-							-	-	SPARE	20	32
33	20	SPARE	-	-							-	-	SPARE	20	34
35	20	SPARE	-	-							-	-	SPARE	20	36
37	20	SPARE	-	-							-	-	SPARE	20	38
39	20	SPARE	-	-							-	-	SPARE	20	40
41	20	SPARE	-	-							-	-	SPARE	20	42
		SUBTOTALS			26.6	26.6	26.6	0.7	0.7	0.7			SUBTOTALS		

TOTAL LOADS	27.3 KVA	PHASE A	
	27.3 KVA	PHASE B	
	27.3 KVA	PHASE C	
TOTAL CONN. LOAD	82 KVA	99 A	
TOTAL DEMAND LOAD	82 KVA	99 A	

LIGHTING:	0.00 KVA
RECEPTACLE:	0.00 KVA
KITCHEN:	0.00 KVA
MOTOR:	81.90 KVA
POWER:	0.00 KVA
TOTAL:	81.90 KVA

(NEW) ELECTRICAL PANEL SCHEDULE (HIGH SCHOOL)

PNL: MP-HV-2A | 480Y/277, 3 PHASE, 4 WIRE | 65 ,000MIN A.I.C. SYM | NEUTRAL: 100%

MOUNTING: SURFACE (NEMA 1) FLUSH | IN MCC | MAIN LUGS ONLY | DOUBLE LUGS | FEED THRU LUG | SHUNT TRIP MAIN | MAIN C BKR- 800A/3P | MAIN BUS - 800 A | GROUND BUS: | ISOLATED GROUND BUS: | TVSS: | NUMBER OF POLES: 42

CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA/PHASE A	B	C	KVA/PHASE A	B	C	CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.
1	3					4.5						-		3	2
3		CU-8	3#12+1#12G	3/4			4.5					3/4	1#8G		4
5	25									4.5				80	6
7	3					4.5						-		3	8
9		CU-9	3#10+1#10G	3/4			4.5					3/4	1#8G		10
11	25									4.5				80	12
13	3					11.4						-		3	14
15		CU-6	3#8+1#10G	3/4			11.4					3/4	3#8+1#10G		16
17	50									11.4				35	18
19	3					8.80						-		3	20
21		ERU-6	3#8+1#10G	3/4			8.80					3/4	3#8+1#10G		22
23	35									8.80				50	24
25	20	SPARE	-	-								-	-	20	26
27	20	SPARE	-	-								-	-	20	28
29	20	SPARE	-	-								-	-	20	30
31	20	SPARE	-	-								-	-	20	32
33	20	SPARE	-	-								-	-	20	34
35	20	SPARE	-	-								-	-	20	36
37	20	SPARE	-	-								-	-	3	38
39	20	SPARE	-	-								-	SEE RISER		40
41	20	SPARE	-	-								-		350	42
		SUBTOTALS			29.2	29.2	29.2	52.5	52.5	52.5			SUBTOTALS		

TRANSFORMER FOR PP-MV-2A

TOTAL LOADS	81.7 KVA	PHASE A	
	81.7 KVA	PHASE B	
	81.7 KVA	PHASE C	
TOTAL CONN. LOAD	245 KVA	295 A	
TOTAL DEMAND LOAD	245 KVA	295 A	

LIGHTING:	0.00 KVA
RECEPTACLE:	0.00 KVA
KITCHEN:	0.00 KVA
MOTOR:	245.10 KVA
POWER:	0.00 KVA
TOTAL:	245.10 KVA

(NEW) ELECTRICAL PANEL SCHEDULE

PNL: PP-SEC | 208Y/120, 3 PHASE, 4 WIRE | 22 ,000MIN A.I.C. SYM | NEUTRAL: 100%

MOUNTING: SURFACE (NEMA 1) FLUSH | IN MCC | MAIN LUGS ONLY | DOUBLE LUGS | FEED THRU LUG | SHUNT TRIP MAIN | MAIN C BKR- 100A/3P | MAIN BUS - 225 A | GROUND BUS: | ISOLATED GROUND BUS: | TVSS: | NUMBER OF POLES: 42

CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA/PHASE A	B	C	KVA/PHASE A	B	C	CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.
1	20	SEC RECEPT	2#12+1#12G	3/4							3/4	2#12+1#12G	ENTRANCE RECEPT	20	2
3	20	SEC RECEPT	2#12+1#12G	3/4							3/4	2#12+1#12G	DRINKING FOUNTAIN	20	4
5	20	SEC RECEPT	2#12+1#12G	3/4							0.18	3/4	2#12+1#12G	ERU-10	20	6
7	20	SEC RECEPT	2#12+1#12G	3/4							0.10	3/4	2#12+1#12G	HP-B	2	8
9	2	ERU-3	2#12+1#12G	3/4		1.04					0.10	-	-		20	10
11	15			-	-		1.04				1.00	3/4	2#12+1#12G	FIRE DOOR	20	12
13	20	SPARE	-	-	0.50						1.00	3/4	2#12+1#12G	CP-1	20	14
15	20	SPARE	-	-							0.50	3/4	2#12+1#12G	EF-5	20	16
17	20	SPARE	-	-								-	-	SPARE	20	18
19	20	SPARE	-	-								-	-	SPARE	20	20
21	20	SPARE	-	-								-	-	SPARE	20	22
23	20	SPARE	-	-								-	-	SPARE	20	24
25	20	SPARE	-	-								-	-	SPARE	20	26
27	20	SPARE	-	-								-	-	SPARE	20	28
29	20	SPARE	-	-								-	-	SPARE	20	30
31	20	SPARE	-	-								-	-	SPARE	20	32
33	20	SPARE	-	-								-	-	SPARE	20	34
35	20	SPARE	-	-								-	-	SPARE	20	36
37	20	SPARE	-	-								-	-	SPARE	20	38
39	20	SPARE	-	-								-	SEE RISER	TRANSFORMER FOR PP-MV-A	3	40
41	20	SPARE	-	-								-			350	42
		SUBTOTALS			0.50	1.04	1.04						SUBTOTALS			

TOTAL LOADS	1.6 KVA	PHASE A	
	1.6 KVA	PHASE B	
	2.2 KVA	PHASE C	
TOTAL CONN. LOAD	5.5 KVA	14.0 A	
TOTAL DEMAND LOAD	5.0 KVA	14.0 A	
< Load & Total not equal >			

LIGHTING:	0.00 KVA
RECEPTACLE:	0.00 KVA
KITCHEN:	0.00 KVA
MOTOR:	3.96 KVA
POWER:	1.00 KVA
TOTAL:	4.96 KVA

(NEW) ELECTRICAL PANEL SCHEDULE (HIGH SCHOOL)

PNL: PP-3 | 208Y/120, 3 PHASE, 4 WIRE | 42 ,000MIN A.I.C. SYM | NEUTRAL: 100%

MOUNTING: SURFACE (NEMA 1) FLUSH | IN MCC | MAIN LUGS ONLY | DOUBLE LUGS | FEED THRU LUG | SHUNT TRIP MAIN | MAIN C BKR- 400A/3P | MAIN BUS - 400 A | GROUND BUS: | ISOLATED GROUND BUS: | TVSS: | NUMBER OF POLES: 42

CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA/PHASE A	B	C	KVA/PHASE A	B	C	CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.
1	20	ROOM RECEPT	2#12+1#12G	3/4	1.62			0.50			3/4	2#12+1#12G	MAG HOLDERS	20	2
3	20	ROOM RECEPT	2#12+1#12G	3/4		1.62			0.97		3/4	2#12+1#12G	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	HP-A, B	2	8
9	20	COORDIOR RECEPT	2#12+1#12G	3/4		1.20		0.21			-	-		20	10
11	20	COORDIOR RECEPT	2#12+1#12G	3/4			1.08			1.00	3/4	2#12+1#12G	CORRIDOR RECEPT	20	12
13	20	COORDIOR RECEPT	2#12+1#12G	3/4	1.20			0.21			3/4	2#12+1#12G	HP-A,C	2	14
15	20	AV RACK	2#12+1#12G	3/4		1.00			0.21		-	-		20	16
17	20	AV RACK	2#12+1#12G	3/4			1.00			1.90	3/4	2#12+1#12G	ERU-8	2	18
19	20	AV RACK	2#12+1#12G	3/4	1.00			1.90			-	-		25	20
21	20	OUTDOOR RECEPT	2#12+1#12G	3/4		1.00			0.80		3/4	2#12+1#12G	ELEV SHAFT LGT	20	22
23	20	FSD	2#12+1#12G	3/4			0.50			0.18	3/4	2#12+1#12G	ELEV SHAFT POWER	20	24
25	20	EF-4	2#12+1#12G	3/4	0.50			1.00			3/4	2#12+1#12G	TELECOIL	2	26
27	20	FLAT PANEL	2#12+1#12G	3/4		1.00			1.00		-	-		20	28
29	20	FLAT PANEL	2#12+1#12G	3/4			1.00			1.00	3/4	2#12+1#12G	FLAT PANEL	20	30
31	20	FLAT PANEL	2#12+1#12G	3/4	1.00			1.00			3/4	2#12+1#12G	FLAT PANEL	20	32
33	20	FLAT PANEL	2#12+1#12G	3/4		1.00			1.00		3/4	2#12+1#12G	FLAT PANEL	20	34
35	20	AV RACK	2#12+1#12G	3/4			1.00			1.00	3/4	2#12+1#12G	FLAT PANEL	20	36
37	20	Elev CAB LIGHTING	2#12+1#12G	3/4	0.50			0.50			3/4	2#12+1#12G	CH-A	20	38
39	20	SPARE	-	-							-	-	SPARE	20	40
41	20	SPARE	-	-							-	-	SPARE	20	42
		SUBTOTALS			7.26	6.82	6.20	5.32	4.19	6.08			SUBTOTALS		

TOTAL LOADS	12.6 KVA	PHASE A	
	11.0 KVA	PHASE B	
	12.3 KVA	PHASE C	
TOTAL CONN. LOAD	35.9 KVA	### A	
TOTAL DEMAND LOAD	35.3 KVA	98.0 A	

LIGHTING:	2.77 KVA
RECEPTACLE:	11.08 KVA
KITCHEN:	0.00 KVA
MOTOR:	5.14 KVA
POWER:	16.88 KVA
TOTAL:	35.87 KVA

(NEW) ELECTRICAL PANEL SCHEDULE (HIGH SCHOOL)

PNL: MH-HV-2B | 480Y/277, 3 PHASE, 4 WIRE | 65 ,000MIN A.I.C. SYM | NEUTRAL: 100%

MOUNTING: SURFACE (NEMA 1) FLUSH | IN MCC | MAIN LUGS ONLY | DOUBLE LUGS | FEED THRU LUG | SHUNT TRIP MAIN | MAIN C BKR- 800A/3P | MAIN BUS - 800 A | GROUND BUS: | ISOLATED GROUND BUS: | TVSS: | NUMBER OF POLES: 42

CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA/PHASE A	B	C	KVA/PHASE A	B	C	CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.
1	3		-	-	10.6			10.6			-	-		3	2
3		CU-1	3#8+1#10G	3/4		10.6			10.6		3/4	3#8+1#10G	CU-10		4
5	50		-	-			10.6			10.6	-	-		50	6
7	3		-	-	10.6			9.90			-	-		3	8
9		CU-2	3#8+1#10G	3/4		10.6			9.90		3/4	3#8+1#10G	CU-12		10
11	50		-	-			10.6			9.90	-	-		50	12
13	3		-	-	8.9			3.60			-	-		3	14
15		ERU-1	3#8+1#10G	3/4		8.9			3.60		3/4	3#12+1#12G	CU-14		16
17	35		-	-			8.9			3.60	-	-		20	18
19	3		-	-	8.9			12.0			-	-		3	20
21		ERU-2	3#8+1#10G	3/4		8.9			12.0		3/4	4#3/0+1#6G	BP-HV		22
23	35		-	-			8.9			12.0	-	-		200	24
25	20	SPARE	-	-				8.50			-	-		3	26
27	20	SPARE	-	-					8.50		1	3#6+1#10G	ELEVATOR		28
29	20	SPARE	-	-						8.50	-	-		60	30
31	20	SPARE	-	-							-	-	SPARE	20	32
33	20	SPARE	-	-							-	-	SPARE	20	34
35	20	SPARE	-	-							-	-	SPARE	20	36
37	20	SPARE	-	-							-	-	SPARE	3	38
39	20	SPARE	-	-							-	-	SEE RISER		40
41	20	SPARE	-	-							-	-		350	42
		SUBTOTALS			39.0	39.0	39.0	44.6	44.6	44.6			SUBTOTALS		

TRANSFORMER FOR PP-MV-2B

TOTAL LOADS	83.6 KVA	PHASE A	
	83.6 KVA	PHASE B	
	83.6 KVA	PHASE C	
TOTAL CONN. LOAD	251 KVA	302 A	
TOTAL DEMAND LOAD	251 KVA	302 A	

LIGHTING:	0.00 KVA
RECEPTACLE:	0.00 KVA
KITCHEN:	0.00 KVA
MOTOR:	214.83 KVA
POWER:	36.00 KVA
TOTAL:	250.83 KVA

(NEW) ELECTRICAL PANEL SCHEDULE

PNL: MP-HV-1A | 480Y/277, 3 PHASE, 4 WIRE | 65 ,000MIN A.I.C. SYM | NEUTRAL: 100%

MOUNTING: SURFACE (NEMA 1) FLUSH | IN MCC | MAIN LUGS ONLY | DOUBLE LUGS | FEED THRU LUG | SHUNT TRIP MAIN | MAIN C BKR- 800A/3P | MAIN BUS - 800 A | GROUND BUS: | ISOLATED GROUND BUS: | TVSS: | NUMBER OF POLES: 42

CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA/PHASE A	B	C	KVA/PHASE A	B	C	CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.
1	3		-	-	12.0			3.50			-	-		3	2
3		BP-HV	4#3/0+1#6G	2		12.0			3.50		3/4	3#10+1#10G	CU-8		4
5	200		-	-			12.0			3.50	-	-		25	6
7	3		-	-	24.0			3.50			-	-		3	8
9		RTU-1	3#3/0+1#6G	2		24.0			3.50		3/4	3#10+1#10G	CU-9		10
11	200		-	-			24.0			3.50	-	-		25	12
13	3		-	-	24.0						-	-	SPARE	20	14
15		RTU-2	3#3/0+1#6G	2		24.0					-	-	SPARE	20	16
17	200		-	-			24.0				-	-	SPARE	20	18
19	20	SPARE	-	-							-	-	SPARE	20	20
21	20	SPARE	-	-							-	-	SPARE	20	22
23	20	SPARE	-	-							-	-	SPARE	20	24
25	20	SPARE	-	-							-	-	SPARE	20	26
27	20	SPARE	-	-							-	-	SPARE	20	28
29	20	SPARE	-	-							-	-	SPARE	20	30
31	20	SPARE	-	-							-	-	SPARE	20	32
33	20	SPARE	-	-							-	-	SPARE	20	34
35	20	SPARE	-	-							-	-	SPARE	20	36
37	20	SPARE	-	-							-	-	SPARE	3	38
39	20	SPARE	-	-							-	-	SEE RISER		40
41	20	SPARE	-	-							-	-		350	42
		SUBTOTALS			60.0	60.0	60.0	7.00	7.00	7.00			SUBTOTALS		

TOTAL LOADS	67.0 KVA	PHASE A	
	67.0 KVA	PHASE B	
	67.0 KVA	PHASE C	
TOTAL CONN. LOAD	201 KVA	242 A	
TOTAL DEMAND LOAD	201 KVA	242 A	

LIGHTING:	0.00 KVA
RECEPTACLE:	0.00 KVA
KITCHEN:	0.00 KVA
MOTOR:	165.00 KVA
POWER:	36.00 KVA
TOTAL:	201.00 KVA

(NEW) ELECTRICAL PANEL SCHEDULE (HIGH SCHOOL)

PNL: BP-MV | 208Y/120, 3 PHASE, 4 WIRE | 22 ,000MIN A.I.C. SYM | NEUTRAL: 100%

MOUNTING: SURFACE (NEMA 1) FLUSH | IN MCC | MAIN LUGS ONLY | DOUBLE LUGS | FEED THRU LUG | SHUNT TRIP MAIN | MAIN C BKR- 100A/3P | MAIN BUS - 100 A | GROUND BUS: | ISOLATED GROUND BUS: | TVSS: | NUMBER OF POLES: 24

CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA/PHASE A	B	C	KVA/PHASE A	B	C	CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.
1	30	BOILER 1	2#10+1#10G	3/4	2.40			2.40			3/4	2#10+1#10G	BOILER 3	30	2
3		SHUNT TRIP											SHUNT TRIP		4
5	20	SPARE	-	-						0.40	3/4	2#12+1#12G	EPO	20	6
7	20	BOILER 2	2#10+1#10G	3/4	2.40			0.40			3/4	2#12+1#12G	GAS DETECTOR	20	8
9		SHUNT TRIP								1.00	3/4	2#12+1#12G	CHEMICAL FEED	20	10
11	20	SPARE	-	-							-	-	SPARE	20	12
13	20	SPARE	-	-							-	-	SPARE	20	14
15	20	SPARE	-	-							-	-	SPARE	20	16
17	20	SPARE	-	-							-	-	SPARE	20	18
19	20	SPARE	-	-							-	-	SPARE	20	20
21	20	SPARE	-	-							-	-	SPARE	20	22
23	20	SPARE	-	-							-	-	SPARE	20	24
		SUBTOTALS			4.80	0.00	0.00	2.80	1.00	0.40			SUBTOTALS		

TOTAL LOADS	7.6 KVA	PHASE A	
	1.0 KVA	PHASE B	
	0.4 KVA	PHASE C	
TOTAL CONN. LOAD	9.0 KVA	25.0 A	
TOTAL DEMAND LOAD	9.0 KVA	25.0 A	

LIGHTING:	0.00 KVA
RECEPTACLE:	1.40 KVA
KITCHEN:	0.00 KVA
MOTOR:	4.80 KVA
POWER:	2.80 KVA
TOTAL:	9.00 KVA

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

LIGHTING FIXTURE SCHEDULE

TYPE	MOUNTING	LAMPS	DESCRIPTION	MANUFACTURER & CAT.#
R1	CEILING RECESSED MOUNTED	31 WATTS LED UNV	2X2 RECESSED FIXTURES . 4000 LUMENS, 3500K COLOR TEMP. 80 CRI. WITH DRYWALL ADAPTER	MANUFACTURER: LITHONIA LIGHTING EPANL-2X2-4000LM-80CRI-35K-MIN1-ZT-MVOLT-E10WCP-GGA2
R1 EM	CEILING RECESSED MOUNTED	31 WATTS LED UNV	SAME AS FIXTURE "R1" EXCEPT CONNECTED TO EMERGENCY LIGHTING CIRCUIT.	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-MIN1-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-MIN1-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 VO4RR-GF-ADJ-UNV-14W-D1-VO4-SW-60-2-80-35-LS-VO4RRB-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 VO4RR-GF-ADJ-UNV-14W-D1-VO4-SW-60-2-80-35-LS-VO4RRB-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 EM	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 S1LIDP-OPP-XXFT-90CRI-35K-200LMF-I90CRI-I35K-I400LMF-MIN1-MVOLT-WHT