

ADDENDUM 03

BID ADDENDUM NUMBER | 03

PROJECT NUMBER | 1910404.00

Date | 11/23/2021

OFFICE ADDRESS | KSQ DESIGN

PROJECT | Yorktown Central School District
District Wide Improvements 2020 Phase II

215 W 40th Street, 15th Floor
New York, NY 10018
914.682.3700

NOTICE TO CONTRACTORS |

This Addendum issued prior to receipt of Bid shall and does hereby become a part of the Construction Documents for the above project.

All principal Contractors shall be responsible for seeing that their Subcontractors are properly apprised of the Contents of this Addendum.

All information contained in this Addendum shall supersede and shall take precedence over any conflicting information in the original Bidding Documents dated 10/25/2021 and all previous addenda.

All Contractors shall acknowledge receipt of this Addendum in the space provided in the Proposal Form. Failure to do so may subject Bidder to disqualification.

A. CHANGES TO SPECIFICATIONS

NONE

B. CHANGES TO DRAWINGS

Drawing YHS-E100 – Replace entire sheet with attached.

Drawing YHS-E104 – Replace entire sheet with attached.

Drawing YHS-E500 – Replace entire sheet with attached.

C. CLARIFICATIONS:

1. RFI Question: Please confirm if new RTU units #1 and #2 are being installed as per PP-HSAC schedule on Drawing YHS-E-000. If they are being installed, please provide locations.
 - a. **RTU-1 and RTU-2 are existing to remain. Panel PP-HSAC was installed in pervious project and is existing to remain. Panel PP-HSAC currently serves RTU-1 and RTU-2 and currently has a spare breaker that will serve RTU-3. Refer to updated sheet YHS-E000 and YHS-E104 for more information.**
2. RFI Question: 1) Page MS-H101 shows 4 new windows labeled R4 what type of windows are these. Fixed? or awning to match what's existing. 2) Page MS-A111 shows 4 windows to be replaced. They want awning windows also. or fixed. (existing windows are awnings) but they show a fixed window.
 - a. **New aluminum windows are Fixed Unit type as specified in section 08 51 13. The frame Profile and finish shall match existing as noted in Drawings MS-A111.**
3. RFI Question: Location: Mildred E.S. Middle School; Upon review of spec section 23 31 15-1.1.C, Duct Sox color is to be a custom color matching school colors, with school logo, selection by Architect. During walkthrough it was mentioned that color would be selected from manufacturer's standard color selection. Please advise. In addition,

ADDENDUM 03

upon review with product vendor it was stated that Chem Sox spec fabric is typically reserved for installation in a caustic environment. Please advise if required.

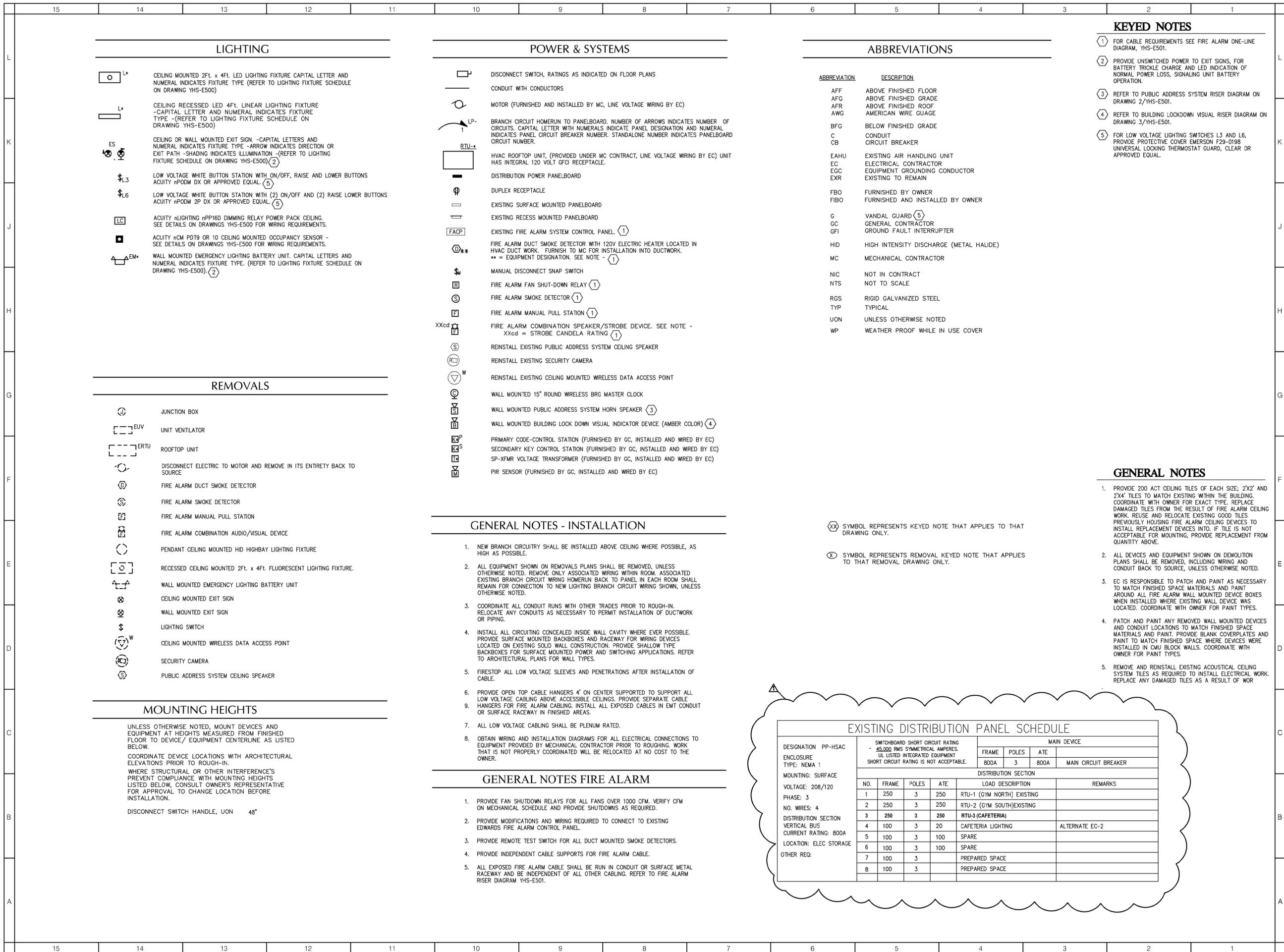
- a. **The Fabric Duct shall be a flame retardant polyester material with an antimicrobial treatment per basis of design, spec section 23 31 15.2.2. Chem Sock is not required.**
 - b. **Color shall be picked by the Architect/Owner from the available standard color chart.**
- 4. RFI Question: On Drawing No. YHS-E500 in the Light Fixture Schedule they indicate a Type L1 which is an LED high bay light fixture that is used in the Gym at the other schools. Please confirm if this light fixture type is used for Yorktown High School project, if so please forward a corresponding drawing for these light fixture quantities, or should this light fixture type be removed from the Light Fixture Schedule.
 - a. **DELTA- Fixture type 'L1' was shown on sheet YHS-E500 in error and has now been removed. Each school drawing set has its own light fixture schedule. Light fixtures for a specific school are to be based on the individual school's light fixture schedule.**
- 5. RFI Question: On Drawing No. YHS-E000 and YHS-E104 they indicate New Panel PP-HSAC. Please confirm this panel is new or existing (installed as part of another project). On Drawing No. YHS-E000 in the panel schedule they indicate RTU-1 and RTU-2 for the GYM North and South which I think was a project from last year? Please confirm exact scope of work and if it is new are RTU-1 and RTU-2 for future work as they are not shown on the electrical drawings?
 - a. **Refer to RFI Question No. 1 above.**

D. ENCLOSURES:

DRAWINGS:

GENERAL	CIVIL	STRUCT	ARCH	MECH	ELEC	PLUMB	FIRE PROT.
					YHS-E000		
					YHS-E104		
					YHS-E500		

END OF ADDENDA 03



LIGHTING

- L* CEILING MOUNTED 2FL. x 4FL. LED LIGHTING FIXTURE CAPITAL LETTER AND NUMERAL INDICATES FIXTURE TYPE (REFER TO LIGHTING FIXTURE SCHEDULE ON DRAWING YHS-E500)
- L* CEILING RECESSED LED 4FT. LINEAR LIGHTING FIXTURE -CAPITAL LETTER AND NUMERAL INDICATES FIXTURE TYPE -(REFER TO LIGHTING FIXTURE SCHEDULE ON DRAWING YHS-E500)
- ES CEILING OR WALL MOUNTED EXIT SIGN -CAPITAL LETTERS AND NUMERAL INDICATES FIXTURE TYPE -ARROW INDICATES DIRECTION OR EXIT PATH -SHADING INDICATES ILLUMINATION -(REFER TO LIGHTING FIXTURE SCHEDULE ON DRAWING YHS-E500) (2)
- L3, L6 LOW VOLTAGE WHITE BUTTON STATION WITH ON/OFF, RAISE AND LOWER BUTTONS ACUITY nPODM DX OR APPROVED EQUAL (5)
- L6 LOW VOLTAGE WHITE BUTTON STATION WITH (2) ON/OFF AND (2) RAISE LOWER BUTTONS ACUITY nPODM 2P DX OR APPROVED EQUAL (5)
- L6 ACUITY nLIGHTING nPP16D DIMMING RELAY POWER PACK CEILING. SEE DETAILS ON DRAWINGS YHS-E500 FOR WIRING REQUIREMENTS.
- L6 ACUITY nCM PD19 OR 10 CEILING MOUNTED OCCUPANCY SENSOR - SEE DETAILS ON DRAWINGS YHS-E500 FOR WIRING REQUIREMENTS.
- EM* WALL MOUNTED EMERGENCY LIGHTING BATTERY UNIT. CAPITAL LETTERS AND NUMERAL INDICATES FIXTURE TYPE. (REFER TO LIGHTING FIXTURE SCHEDULE ON DRAWING YHS-E500) (2)

REMOVALS

- JUNCTION BOX
- EUV UNIT VENTILATOR
- ERTU ROOFTOP UNIT
- DISCONNECT ELECTRIC TO MOTOR AND REMOVE IN ITS ENTIRETY BACK TO SOURCE
- FIRE ALARM DUCT SMOKE DETECTOR
- FIRE ALARM SMOKE DETECTOR
- FIRE ALARM MANUAL PULL STATION
- FIRE ALARM COMBINATION AUDIO/VISUAL DEVICE
- PENDANT CEILING MOUNTED HID HIGHBAY LIGHTING FIXTURE
- RECESSED CEILING MOUNTED 2FT. x 4FT. FLUORESCENT LIGHTING FIXTURE.
- WALL MOUNTED EMERGENCY LIGHTING BATTERY UNIT
- CEILING MOUNTED EXIT SIGN
- WALL MOUNTED EXIT SIGN
- LIGHTING SWITCH
- W CEILING MOUNTED WIRELESS DATA ACCESS POINT
- SECURITY CAMERA
- PUBLIC ADDRESS SYSTEM CEILING SPEAKER

MOUNTING HEIGHTS

UNLESS OTHERWISE NOTED, MOUNT DEVICES AND EQUIPMENT AT HEIGHTS MEASURED FROM FINISHED FLOOR TO DEVICE/ EQUIPMENT CENTERLINE AS LISTED BELOW.
 COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.
 WHERE STRUCTURAL OR OTHER INTERFERENCE'S PREVENT COMPLIANCE WITH MOUNTING HEIGHTS LISTED BELOW, CONSULT OWNER'S REPRESENTATIVE FOR APPROVAL TO CHANGE LOCATION BEFORE INSTALLATION.

DISCONNECT SWITCH HANDLE, UON 48"

POWER & SYSTEMS

- DISCONNECT SWITCH, RATINGS AS INDICATED ON FLOOR PLANS
- CONDUIT WITH CONDUCTORS
- MOTOR (FURNISHED AND INSTALLED BY MC, LINE VOLTAGE WRING BY EC)
- BRANCH CIRCUIT HOMERUN TO PANELBOARD, NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. CAPITAL LETTER WITH NUMERALS INDICATE PANEL DESIGNATION AND NUMERAL INDICATES PANEL CIRCUIT BREAKER NUMBER. STANDALONE NUMBER INDICATES PANELBOARD CIRCUIT NUMBER.
- HVAC ROOFTOP UNIT, (PROVIDED UNDER MC CONTRACT, LINE VOLTAGE WRING BY EC) UNIT HAS INTEGRAL 120 VOLT GFCI RECEPTACLE.
- DISTRIBUTION POWER PANELBOARD
- DUPLEX RECEPTACLE
- EXISTING SURFACE MOUNTED PANELBOARD
- EXISTING RECESS MOUNTED PANELBOARD
- EXISTING FIRE ALARM SYSTEM CONTROL PANEL (1)
- FIRE ALARM DUCT SMOKE DETECTOR WITH 120V ELECTRIC HEATER LOCATED IN HVAC DUCT WORK. FURNISH TO MC FOR INSTALLATION INTO DUCTWORK. ** = EQUIPMENT DESIGNATION. SEE NOTE - (1)
- MANUAL DISCONNECT SNAP SWITCH
- FIRE ALARM FAN SHUT-DOWN RELAY (1)
- FIRE ALARM SMOKE DETECTOR (1)
- FIRE ALARM MANUAL PULL STATION (1)
- FIRE ALARM COMBINATION SPEAKER/STROBE DEVICE. SEE NOTE - XXcd = STROBE CANDELA RATING (1)
- REINSTALL EXISTING PUBLIC ADDRESS SYSTEM CEILING SPEAKER
- REINSTALL EXISTING SECURITY CAMERA
- REINSTALL EXISTING CEILING MOUNTED WIRELESS DATA ACCESS POINT
- WALL MOUNTED 15" ROUND WIRELESS BRG MASTER CLOCK
- WALL MOUNTED PUBLIC ADDRESS SYSTEM HORN SPEAKER (3)
- WALL MOUNTED BUILDING LOCK DOWN VISUAL INDICATOR DEVICE (AMBER COLOR) (4)
- PRIMARY CODE-CONTROL STATION (FURNISHED BY GC, INSTALLED AND WIRED BY EC)
- SECONDARY KEY CONTROL STATION (FURNISHED BY GC, INSTALLED AND WIRED BY EC)
- SP-XFMR VOLTAGE TRANSFORMER (FURNISHED BY GC, INSTALLED AND WIRED BY EC)
- PIR SENSOR (FURNISHED BY GC, INSTALLED AND WIRED BY EC)

GENERAL NOTES - INSTALLATION

- NEW BRANCH CIRCUITRY SHALL BE INSTALLED ABOVE CEILING WHERE POSSIBLE, AS HIGH AS POSSIBLE.
- ALL EQUIPMENT SHOWN ON REMOVALS PLANS SHALL BE REMOVED, UNLESS OTHERWISE NOTED. REMOVE ONLY ASSOCIATED WIRING WITHIN ROOM. ASSOCIATED EXISTING BRANCH CIRCUIT WIRING HOMERUN BACK TO PANEL IN EACH ROOM SHALL REMAIN FOR CONNECTION TO NEW LIGHTING BRANCH CIRCUIT WIRING SHOWN, UNLESS OTHERWISE NOTED.
- COORDINATE ALL CONDUIT RUNS WITH OTHER TRADES PRIOR TO ROUGH-IN. RELOCATE ANY CONDUITS AS NECESSARY TO PERMIT INSTALLATION OF DUCTWORK OR PIPING.
- INSTALL ALL CIRCUITING CONCEALED INSIDE WALL CAVITY WHERE EVER POSSIBLE. PROVIDE SURFACE MOUNTED BACKBOXES AND RACEWAY FOR WIRING DEVICES LOCATED ON EXISTING SOLID WALL CONSTRUCTION. PROVIDE SHALLOW TYPE BACKBOXES FOR SURFACE MOUNTED POWER AND SWITCHING APPLICATIONS. REFER TO ARCHITECTURAL PLANS FOR WALL TYPES.
- FIRESTOP ALL LOW VOLTAGE SLEEVES AND PENETRATIONS AFTER INSTALLATION OF CABLE.
- PROVIDE OPEN TOP CABLE HANGERS 4' ON CENTER SUPPORTED TO SUPPORT ALL LOW VOLTAGE CABLING ABOVE ACCESSIBLE CEILINGS. PROVIDE SEPARATE CABLE HANGERS FOR FIRE ALARM CABLING. INSTALL ALL EXPOSED CABLES IN EMT CONDUIT OR SURFACE RACEWAY IN FINISHED AREAS.
- ALL LOW VOLTAGE CABLING SHALL BE PLENUM RATED.
- OBTAIN WIRING AND INSTALLATION DIAGRAMS FOR ALL ELECTRICAL CONNECTIONS TO EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR PRIOR TO ROUGHING. WORK THAT IS NOT PROPERLY COORDINATED WILL BE RELOCATED AT NO COST TO THE OWNER.

GENERAL NOTES FIRE ALARM

- PROVIDE FAN SHUTDOWN RELAYS FOR ALL FANS OVER 1000 CFM. VERIFY CFM ON MECHANICAL SCHEDULE AND PROVIDE SHUTDOWNS AS REQUIRED.
- PROVIDE MODIFICATIONS AND WIRING REQUIRED TO CONNECT TO EXISTING EDWARDS FIRE ALARM CONTROL PANEL.
- PROVIDE REMOTE TEST SWITCH FOR ALL DUCT MOUNTED SMOKE DETECTORS.
- PROVIDE INDEPENDENT CABLE SUPPORTS FOR FIRE ALARM CABLE.
- ALL EXPOSED FIRE ALARM CABLE SHALL BE RUN IN CONDUIT OR SURFACE METAL RACEWAY AND BE INDEPENDENT OF ALL OTHER CABLING. REFER TO FIRE ALARM RISER DIAGRAM YHS-E501.

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFR	ABOVE FINISHED ROOF
AWG	AMERICAN WIRE GAUGE
BFG	BELOW FINISHED GRADE
C	CONDUIT
CB	CIRCUIT BREAKER
EAHU	EXISTING AIR HANDLING UNIT
EC	ELECTRICAL CONTRACTOR
EGC	EQUIPMENT GROUNDING CONDUCTOR
EXR	EXISTING TO REMAIN
FBO	FURNISHED BY OWNER
FIBO	FURNISHED AND INSTALLED BY OWNER
G	VANDAL GUARD (5)
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT INTERRUPTER
HID	HIGH INTENSITY DISCHARGE (METAL HALIDE)
MC	MECHANICAL CONTRACTOR
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
RGS	RIGID GALVANIZED STEEL
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
WP	WEATHER PROOF WHILE IN USE COVER

KEYED NOTES

- FOR CABLE REQUIREMENTS SEE FIRE ALARM ONE-LINE DIAGRAM, YHS-E501.
- PROVIDE UNSWITCHED POWER TO EXIT SIGNS, FOR BATTERY TRICKLE CHARGE AND LED INDICATION OF NORMAL POWER LOSS, SIGNALING UNIT BATTERY OPERATION.
- REFER TO PUBLIC ADDRESS SYSTEM RISER DIAGRAM ON DRAWING 2/YHS-E501.
- REFER TO BUILDING LOCKDOWN VISUAL RISER DIAGRAM ON DRAWING 3/YHS-E501.
- FOR LOW VOLTAGE LIGHTING SWITCHES L3 AND L6, PROVIDE PROTECTIVE COVER EMERSON F29-0198 UNIVERSAL LOCKING THERMOSTAT GUARD, CLEAR OR APPROVED EQUAL.

(XX) SYMBOL REPRESENTS KEYED NOTE THAT APPLIES TO THAT DRAWING ONLY.

(X) SYMBOL REPRESENTS REMOVAL KEYED NOTE THAT APPLIES TO THAT REMOVAL DRAWING ONLY.

EXISTING DISTRIBUTION PANEL SCHEDULE

DESIGNATION	PP-HSAC	SWITCHBOARD SHORT CIRCUIT RATING		MAIN DEVICE			
		- 45,000 RMS SYMMETRICAL AMPERES.	FRAME	POLES	ATE		
ENCLOSURE TYPE: NEMA 1		SHORT CIRCUIT RATING IS NOT ACCEPTABLE.		800A	3	800A	MAIN CIRCUIT BREAKER
MOUNTING: SURFACE		DISTRIBUTION SECTION					
VOLTAGE: 208/120		NO.	FRAME	POLES	ATE	LOAD DESCRIPTION	REMARKS
PHASE: 3		1	250	3	250	RTU-1 (GYM NORTH) EXISTING	
NO. WIRES: 4		2	250	3	250	RTU-2 (GYM SOUTH) EXISTING	
DISTRIBUTION SECTION VERTICAL BUS CURRENT RATING: 800A		3	250	3	250	RTU-3 (CAFETERIA)	
LOCATION: ELEC STORAGE		4	100	3	20	CAFETERIA LIGHTING	ALTERNATE EC-2
OTHER REQ:		5	100	3	100	SPARE	
		6	100	3	100	SPARE	
		7	100	3		PREPARED SPACE	
		8	100	3		PREPARED SPACE	

GENERAL NOTES

- PROVIDE 200 ACT CEILING TILES OF EACH SIZE; 2'X2' AND 2'X4' TILES TO MATCH EXISTING WITHIN THE BUILDING. COORDINATE WITH OWNER FOR EXACT TYPE. REPLACE DAMAGED TILES FROM THE RESULT OF FIRE ALARM CEILING WORK. REUSE AND RELOCATE EXISTING GOOD TILES PREVIOUSLY HOUSING FIRE ALARM CEILING DEVICES TO INSTALL REPLACEMENT DEVICES INTO. IF TILE IS NOT ACCEPTABLE FOR MOUNTING, PROVIDE REPLACEMENT FROM QUANTITY ABOVE.
- ALL DEVICES AND EQUIPMENT SHOWN ON DEMOLITION PLANS SHALL BE REMOVED, INCLUDING WIRING AND CONDUIT BACK TO SOURCE, UNLESS OTHERWISE NOTED.
- EC IS RESPONSIBLE TO PATCH AND PAINT AS NECESSARY TO MATCH FINISHED SPACE MATERIALS AND PAINT AROUND ALL FIRE ALARM WALL MOUNTED DEVICE BOXES WHEN INSTALLED WHERE EXISTING WALL DEVICE WAS LOCATED. COORDINATE WITH OWNER FOR PAINT TYPES.
- PATCH AND PAINT ANY REMOVED WALL MOUNTED DEVICES AND CONDUIT LOCATIONS TO MATCH FINISHED SPACE MATERIALS AND PAINT. PROVIDE BLANK COVERPLATES AND PAINT TO MATCH FINISHED SPACE WHERE DEVICES WERE INSTALLED IN CMU BLOCK WALLS. COORDINATE WITH OWNER FOR PAINT TYPES.
- REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM TILES AS REQUIRED TO INSTALL ELECTRICAL WORK. REPLACE ANY DAMAGED TILES AS A RESULT OF WORK

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SED CONTROL NUMBERS

YHS - #68-24-32-06-0-005-028
 MS - #68-24-32-06-0-007-027
 CES - #68-24-32-06-0-003-022
 MES - #68-24-32-06-0-004-025
 BES - #68-24-32-06-0-002-020

Yorktown Central School District

DISTRICT WIDE IMPROVEMENTS 2020 PHASE II

YORKTOWN HIGH SCHOOL
 2727 CROMPOND RD.
 YORKTOWN HEIGHTS, NY 10598

REVISIONS

No.	Description	Date
1.	ADDENDUM 3	11/22/2021

ISSUED: BID ISSUE

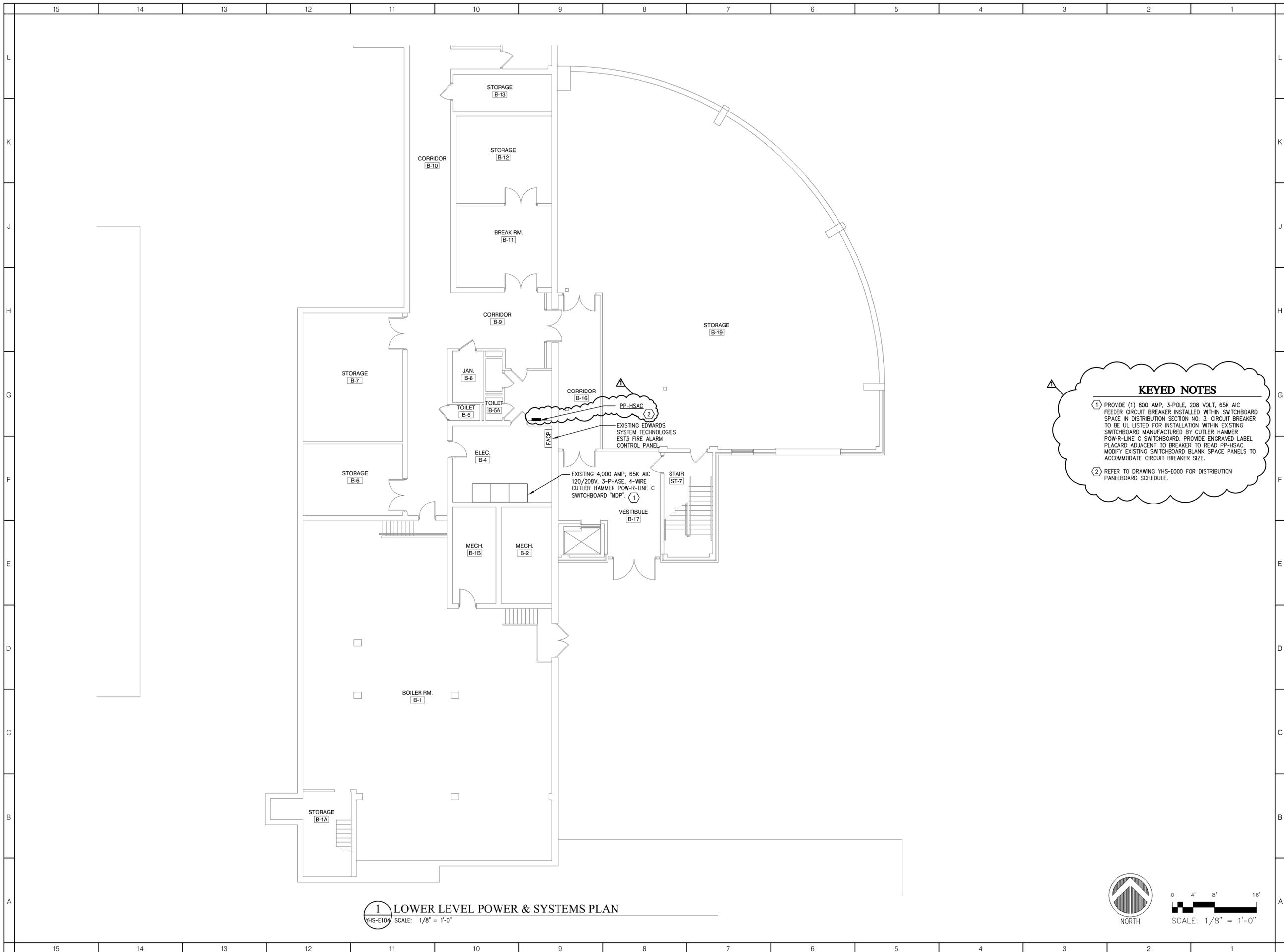
DATE: 10/25/2021

SCALE: AS NOTED

SHEET NAME: ELECTRICAL LEGEND & ABBREVIATIONS

SHEET NUMBER: **YHS-E000**

PROJECT NUMBER: 1710402 COPYRIGHT © 2018 KSO ARCHITECTS, PC



1 LOWER LEVEL POWER & SYSTEMS PLAN
 YHS-E104 SCALE: 1/8" = 1'-0"

KEYED NOTES

① PROVIDE (1) 800 AMP, 3-POLE, 208 VOLT, 65K AIC FEEDER CIRCUIT BREAKER INSTALLED WITHIN SWITCHBOARD SPACE IN DISTRIBUTION SECTION NO. 3. CIRCUIT BREAKER TO BE UL LISTED FOR INSTALLATION WITHIN EXISTING SWITCHBOARD MANUFACTURED BY CUTLER HAMMER POW-R-LINE C SWITCHBOARD. PROVIDE ENGRAVED LABEL PLACARD ADJACENT TO BREAKER TO READ PP-HSAC. MODIFY EXISTING SWITCHBOARD BLANK SPACE PANELS TO ACCOMMODATE CIRCUIT BREAKER SIZE.

② REFER TO DRAWING YHS-E000 FOR DISTRIBUTION PANELBOARD SCHEDULE.

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SED CONTROL NUMBERS

YHS - #68-24-32-06-0-005-028
 MS - #68-24-32-06-0-007-027
 CES - #68-24-32-06-0-003-022
 MES - #68-24-32-06-0-004-025
 BES - #68-24-32-06-0-002-020



**DISTRICT WIDE
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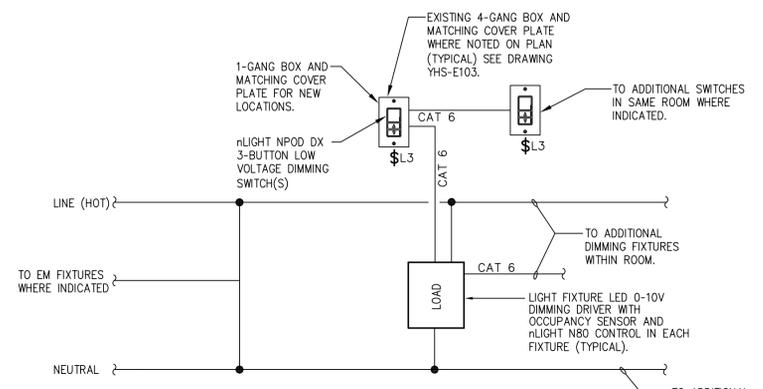
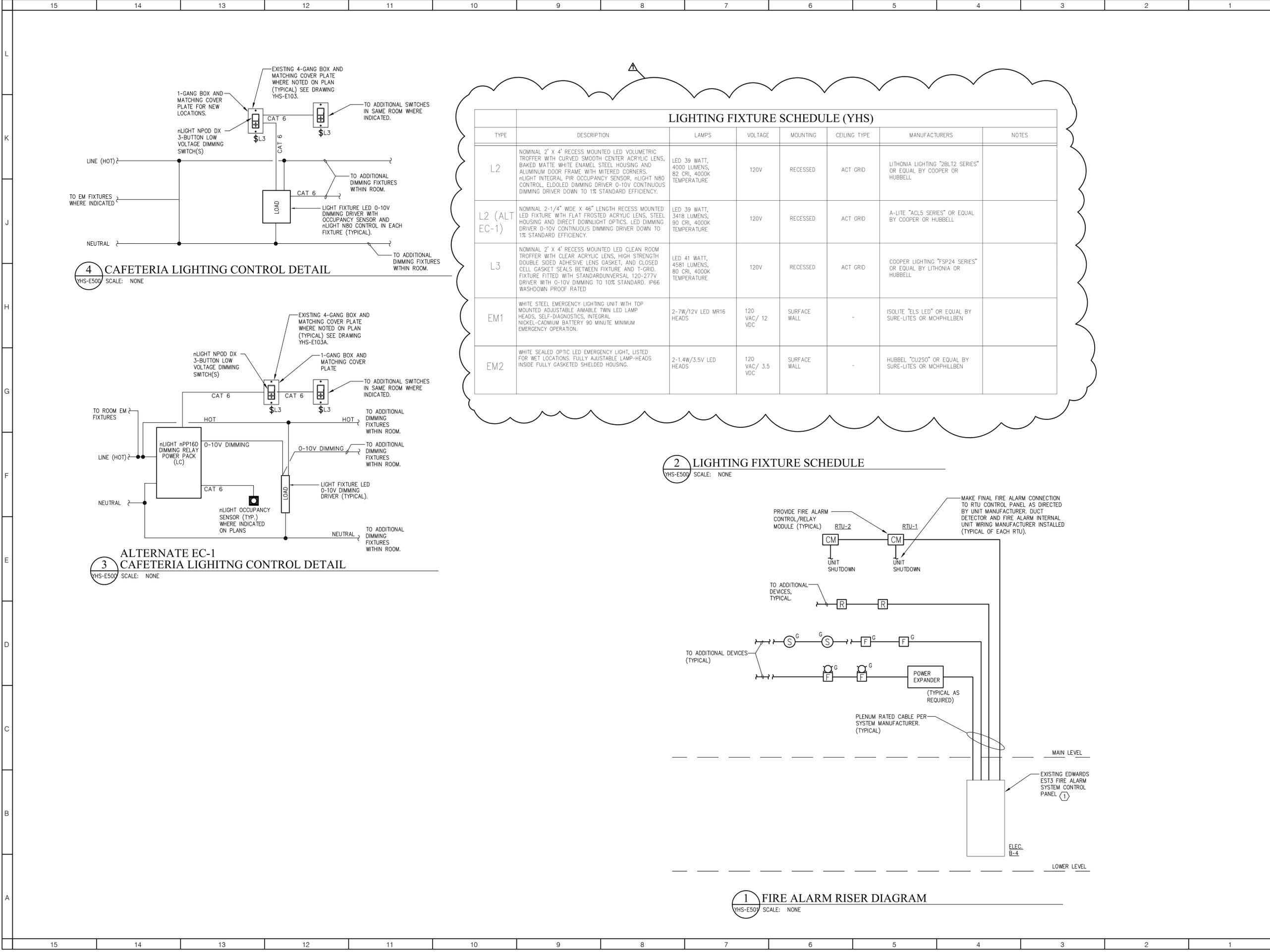
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SCALE: AS NOTED

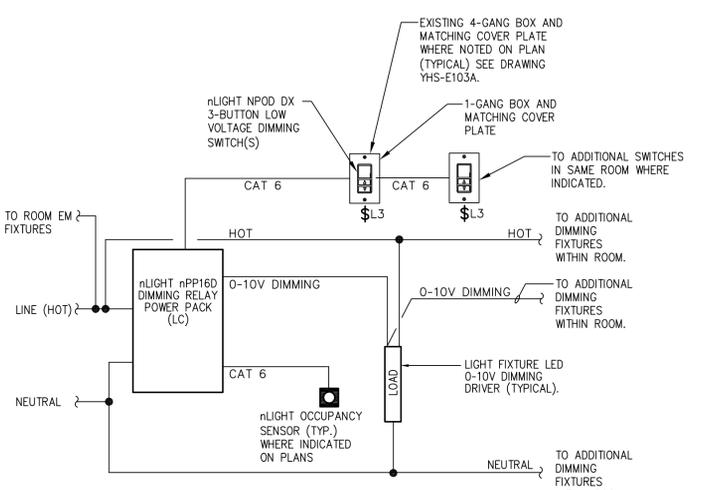
**SHEET NAME:
 LOWER LEVEL
 POWER & SYSTEMS PLAN**

SHEET NUMBER:

YHS-E104



4 CAFETERIA LIGHTING CONTROL DETAIL
YHS-E500 SCALE: NONE

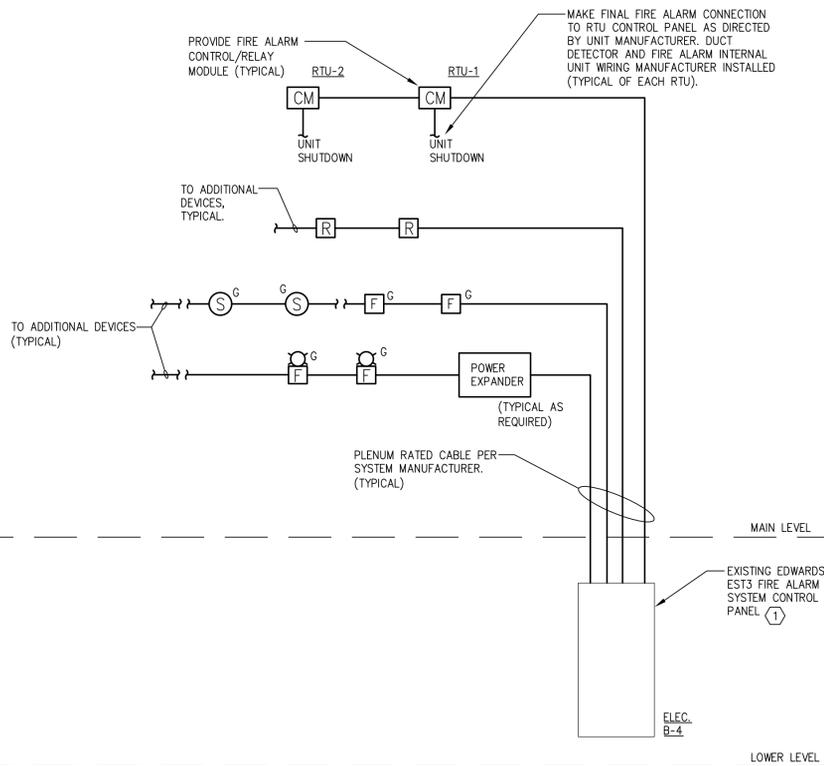


3 ALTERNATE EC-1 CAFETERIA LIGHTING CONTROL DETAIL
YHS-E500 SCALE: NONE

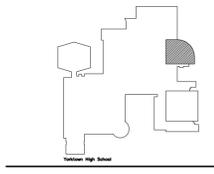
LIGHTING FIXTURE SCHEDULE (YHS)

TYPE	DESCRIPTION	LAMPS	VOLTAGE	MOUNTING	CEILING TYPE	MANUFACTURERS	NOTES
L2	NOMINAL 2' X 4' RECESS MOUNTED LED VOLUMETRIC TROFFER WITH CURVED SMOOTH CENTER ACRYLIC LENS, BAKED MATTE WHITE ENAMEL STEEL HOUSING AND ALUMINUM DOOR FRAME WITH MITERED CORNERS. nLIGHT INTEGRAL PIR OCCUPANCY SENSOR, nLIGHT N80 CONTROL, ELDOLED DIMMING DRIVER 0-10V CONTINUOUS DIMMING DRIVER DOWN TO 1% STANDARD EFFICIENCY.	LED 39 WATT, 4000 LUMENS, 82 CRI, 4000K TEMPERATURE.	120V	RECESSED	ACT GRID	LITHONIA LIGHTING "ZBLT2 SERIES" OR EQUAL BY COOPER OR HUBBELL	
L2 (ALT EC-1)	NOMINAL 2-1/4" WIDE X 46" LENGTH RECESS MOUNTED LED FIXTURE WITH FLAT FROSTED ACRYLIC LENS, STEEL HOUSING AND DIRECT DOWNLIGHT OPTICS. LED DIMMING DRIVER 0-10V CONTINUOUS DIMMING DRIVER DOWN TO 1% STANDARD EFFICIENCY.	LED 39 WATT, 3418 LUMENS, 90 CRI, 4000K TEMPERATURE.	120V	RECESSED	ACT GRID	A-LITE "ACL5 SERIES" OR EQUAL BY COOPER OR HUBBELL	
L3	NOMINAL 2' X 4' RECESS MOUNTED LED CLEAN ROOM TROFFER WITH CLEAR ACRYLIC LENS, HIGH STRENGTH DOUBLE SIDED ADHESIVE LENS GASKET, AND CLOSED CELL GASKET SEALS BETWEEN FIXTURE AND T-GRID. FIXTURE FITTED WITH STANDARD UNIVERSAL 120-277V DRIVER WITH 0-10V DIMMING TO 10% STANDARD. IP66 WASHDOWN PROOF RATED.	LED 41 WATT, 4581 LUMENS, 80 CRI, 4000K TEMPERATURE.	120V	RECESSED	ACT GRID	COOPER LIGHTING "FSP24 SERIES" OR EQUAL BY LITHONIA OR HUBBELL	
EM1	WHITE STEEL EMERGENCY LIGHTING UNIT WITH TOP MOUNTED ADJUSTABLE AIMABLE TWIN LED LAMP HEADS, SELF-DIAGNOSTICS, INTEGRAL NICKEL-CADMIUM BATTERY 90 MINUTE MINIMUM EMERGENCY OPERATION.	2-7W/12V LED MR16 HEADS	120 VAC/ 12 VDC	SURFACE WALL	-	ISOLITE "ELS LED" OR EQUAL BY SURE-LITES OR MCHPHILLBEN	
EM2	WHITE SEALED OPTIC LED EMERGENCY LIGHT, LISTED FOR WET LOCATIONS. FULLY ADJUSTABLE LAMP-HEADS INSIDE FULLY GASKETED SHIELDED HOUSING.	2-1.4W/3.5V LED HEADS	120 VAC/ 3.5 VDC	SURFACE WALL	-	HUBBELL "CU250" OR EQUAL BY SURE-LITES OR MCHPHILLBEN	

2 LIGHTING FIXTURE SCHEDULE
YHS-E500 SCALE: NONE



1 FIRE ALARM RISER DIAGRAM
YHS-E500 SCALE: NONE



DISTRICT WIDE IMPROVEMENTS 2020 PHASE II

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2727 CROMPOND RD.
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REVISIONS

No.	Description	Date
1.	ADDENDUM 3	11/22/2021

ISSUED: BID ISSUE
DATE: 10/25/2021
SCALE: AS NOTED
SHEET NAME: RISER DIAGRAMS & DETAILS

SHEET NUMBER: YHS-E500