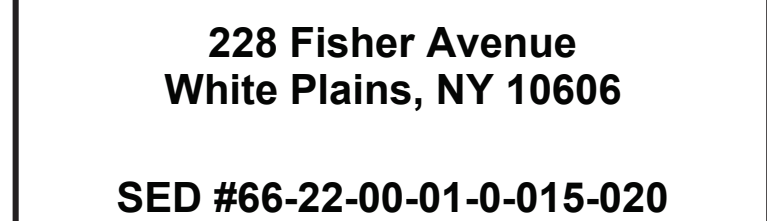


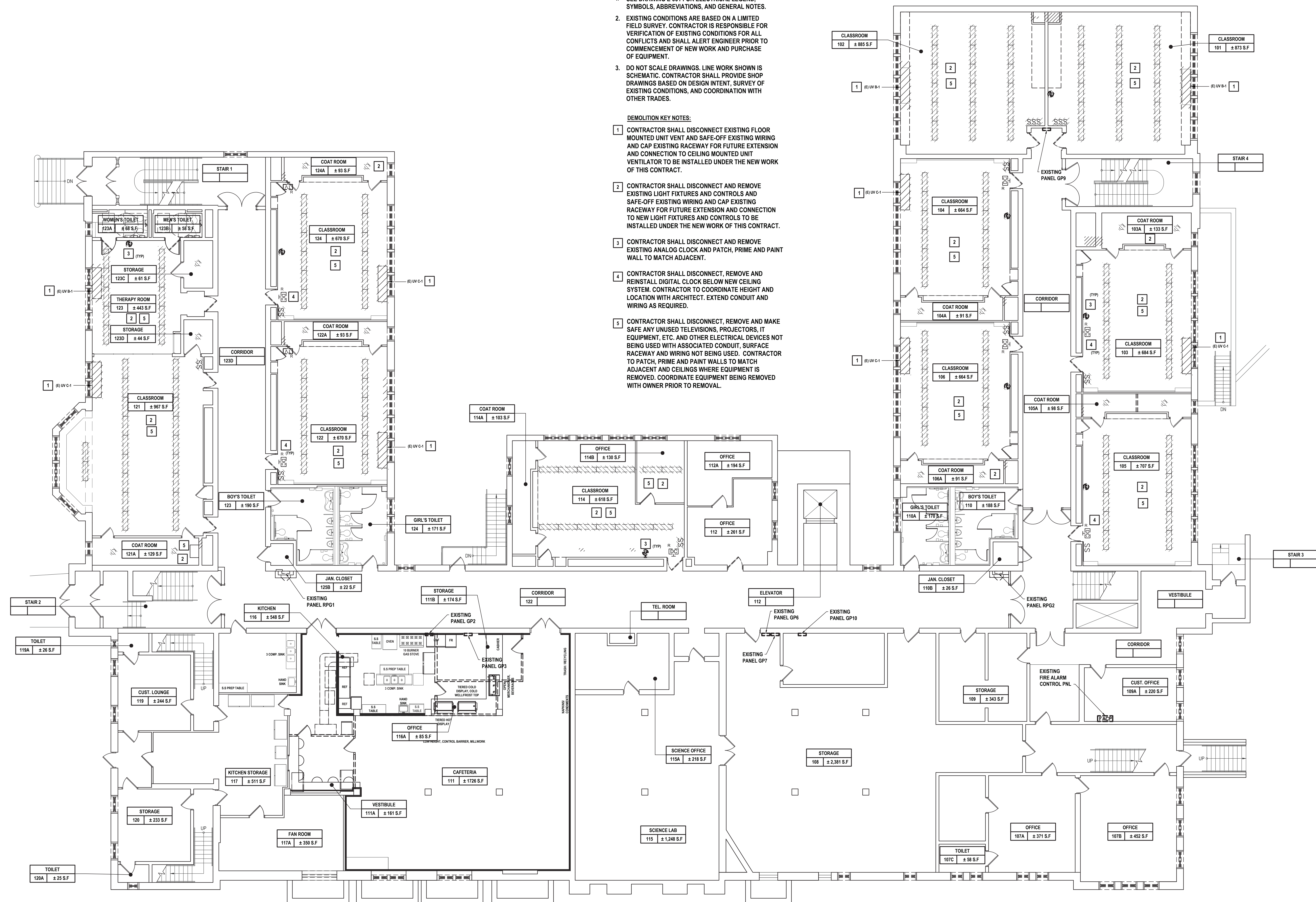
### Renovations at Rochambeau Alternate High School



**GROUND FLOOR  
DEMOLITION PLAN**

DRAWING No. **ED 101.00**

- DEMOLITION KEY NOTES:**
- 1** CONTRACTOR SHALL DISCONNECT EXISTING FLOOR MOUNTED UNIT VENT AND SAFE-OFF EXISTING WIRING AND CAP EXISTING RACEWAY FOR FUTURE EXTENSION AND CONNECTION TO CEILING MOUNTED UNIT VENTILATOR TO BE INSTALLED UNDER THE NEW WORK OF THIS CONTRACT.
  - 2** CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES AND CONTROLS AND SAFE-OFF EXISTING WIRING AND CAP EXISTING RACEWAY FOR FUTURE EXTENSION AND CONNECTION TO NEW LIGHT FIXTURES AND CONTROLS TO BE INSTALLED UNDER THE NEW WORK OF THIS CONTRACT.
  - 3** CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING ANALOG CLOCK AND PATCH, PRIME AND PAINT WALL TO MATCH ADJACENT.
  - 4** CONTRACTOR SHALL DISCONNECT, REMOVE AND REINSTALL DIGITAL CLOCK BELOW NEW CEILING SYSTEM. CONTRACTOR TO COORDINATE HEIGHT AND LOCATION WITH ARCHITECT. EXTEND CONDUIT AND WIRING AS REQUIRED.
  - 5** CONTRACTOR SHALL DISCONNECT, REMOVE AND MAKE SAFE ANY UNUSED TELEVISIONS, PROJECTORS, IT EQUIPMENT, ETC. AND OTHER ELECTRICAL SURFACES NOT BEING USED WITH ASSOCIATED CONDUIT, SURFACE RACEWAY AND WIRING NOT BEING USED. CONTRACTOR TO PATCH, PRIME AND PAINT WALLS TO MATCH ADJACENT AND CEILINGS WHERE EQUIPMENT IS REMOVED. COORDINATE EQUIPMENT BEING REMOVED WITH OWNER PRIOR TO REMOVAL.

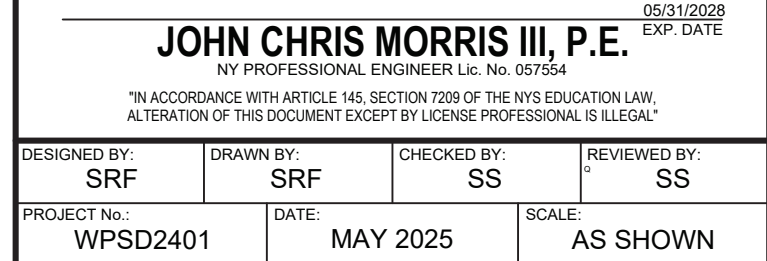


**GROUND FLOOR DEMOLITION PLAN**

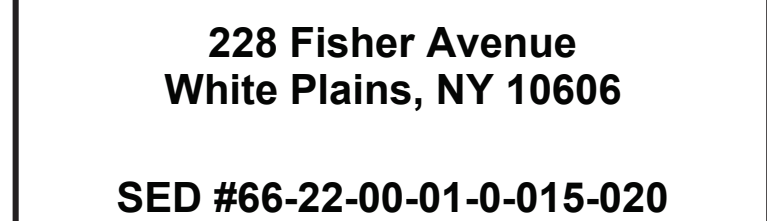






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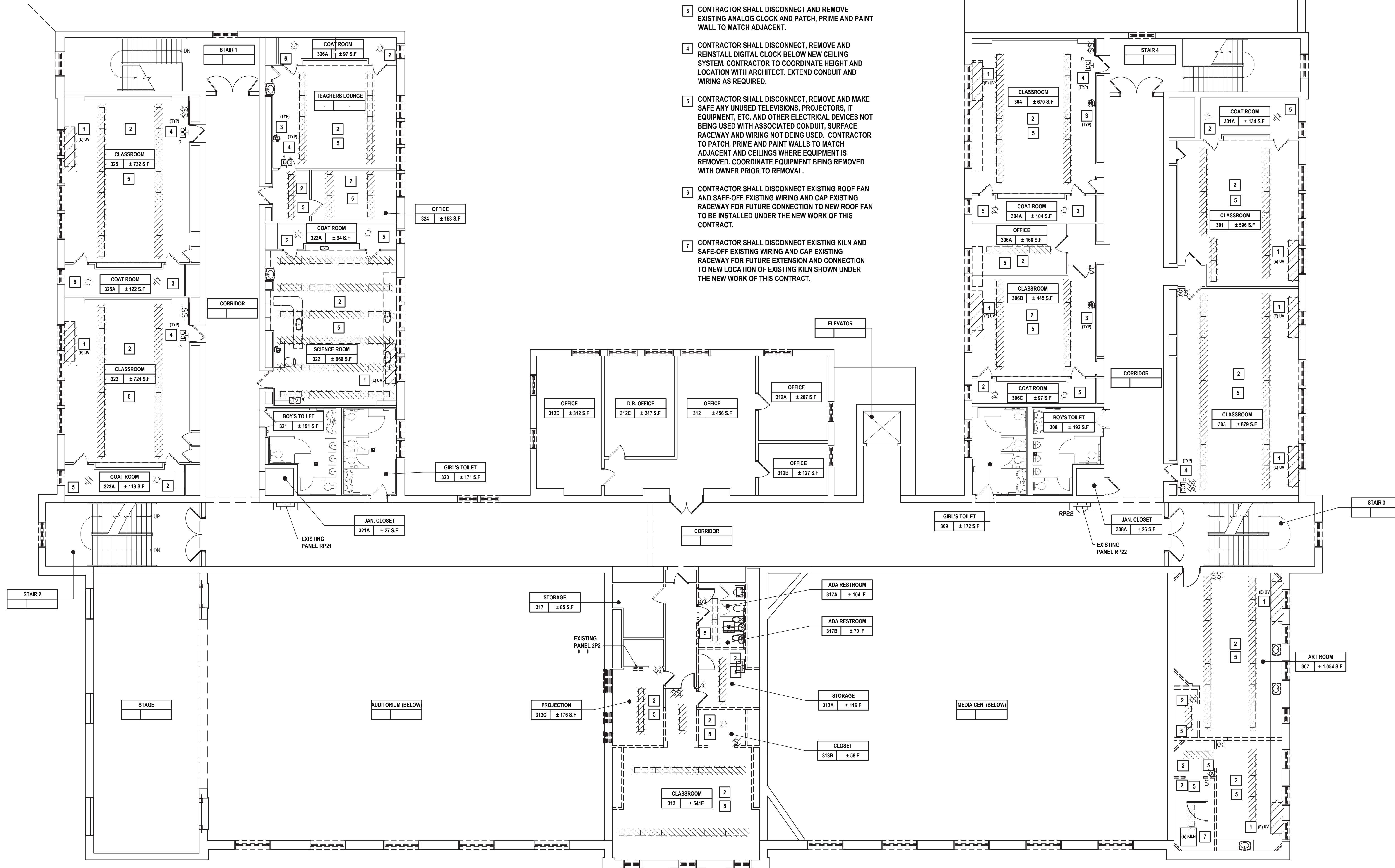
### Renovations at Rochambeau Alternate High School



## SECOND FLOOR DEMOLITION PLAN

DRAWING No. **ED 103.00**

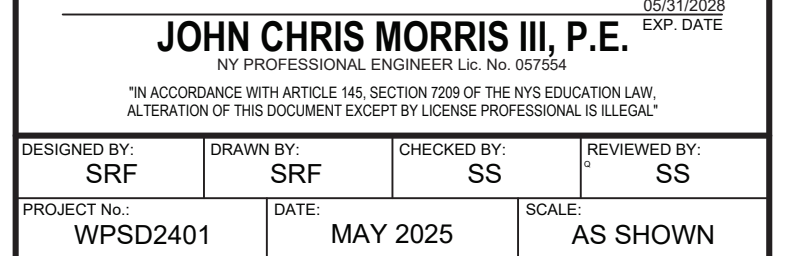
- DEMOLITION KEY NOTES:**
1. CONTRACTOR SHALL DISCONNECT EXISTING FLOOR MOUNTED UNIT VENT AND SAFE-OFF EXISTING WIRING AND CAP EXISTING RACEWAY FOR FUTURE EXTENSION AND CONNECTION TO CEILING MOUNTED UNIT VENTILATOR TO BE INSTALLED UNDER THE NEW WORK OF THIS CONTRACT.
  2. CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES AND CONTROLS AND SAFE-OFF EXISTING WIRING AND CAP EXISTING RACEWAY FOR FUTURE EXTENSION AND CONNECTION TO NEW LIGHT FIXTURES AND CONTROLS TO BE INSTALLED UNDER THE NEW WORK OF THIS CONTRACT.
  3. CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING ANALOG CLOCK AND PATCH, PRIME AND PAINT WALL TO MATCH ADJACENT.
  4. CONTRACTOR SHALL DISCONNECT, REMOVE AND REINSTALL DIGITAL CLOCK BELOW NEW CEILING SYSTEM. CONTRACTOR TO COORDINATE HEIGHT AND LOCATION WITH ARCHITECT. EXTEND CONDUIT AND WIRING AS REQUIRED.
  5. CONTRACTOR SHALL DISCONNECT, REMOVE AND MAKE SAFE ANY UNUSED TELEVISIONS, PROJECTORS, IT EQUIPMENT, ETC. AND OTHER ELECTRICAL DEVICES NOT BEING USED WITH ASSOCIATED CONDUIT, SURFACE RACEWAY AND WIRING NOT BEING USED. CONTRACTOR TO PATCH, PRIME AND PAINT WALLS TO MATCH ADJACENT AND CEILING WIRE EQUIPMENT IS REMOVED. COORDINATE EQUIPMENT BEING REMOVED WITH OWNER PRIOR TO REMOVAL.
  6. CONTRACTOR SHALL DISCONNECT EXISTING ROOF FAN AND SAFE-OFF EXISTING WIRING AND CAP EXISTING RACEWAY FOR FUTURE CONNECTION TO NEW ROOF FAN TO BE INSTALLED UNDER THE NEW WORK OF THIS CONTRACT.
  7. CONTRACTOR SHALL DISCONNECT EXISTING KILN AND SAFE-OFF EXISTING WIRING AND CAP EXISTING RACEWAY FOR FUTURE EXTENSION AND CONNECTION TO NEW LOCATION OF EXISTING KILN SHOWN UNDER THE NEW WORK OF THIS CONTRACT.



## SECOND FLOOR DEMOLITION PLAN





[illegible]

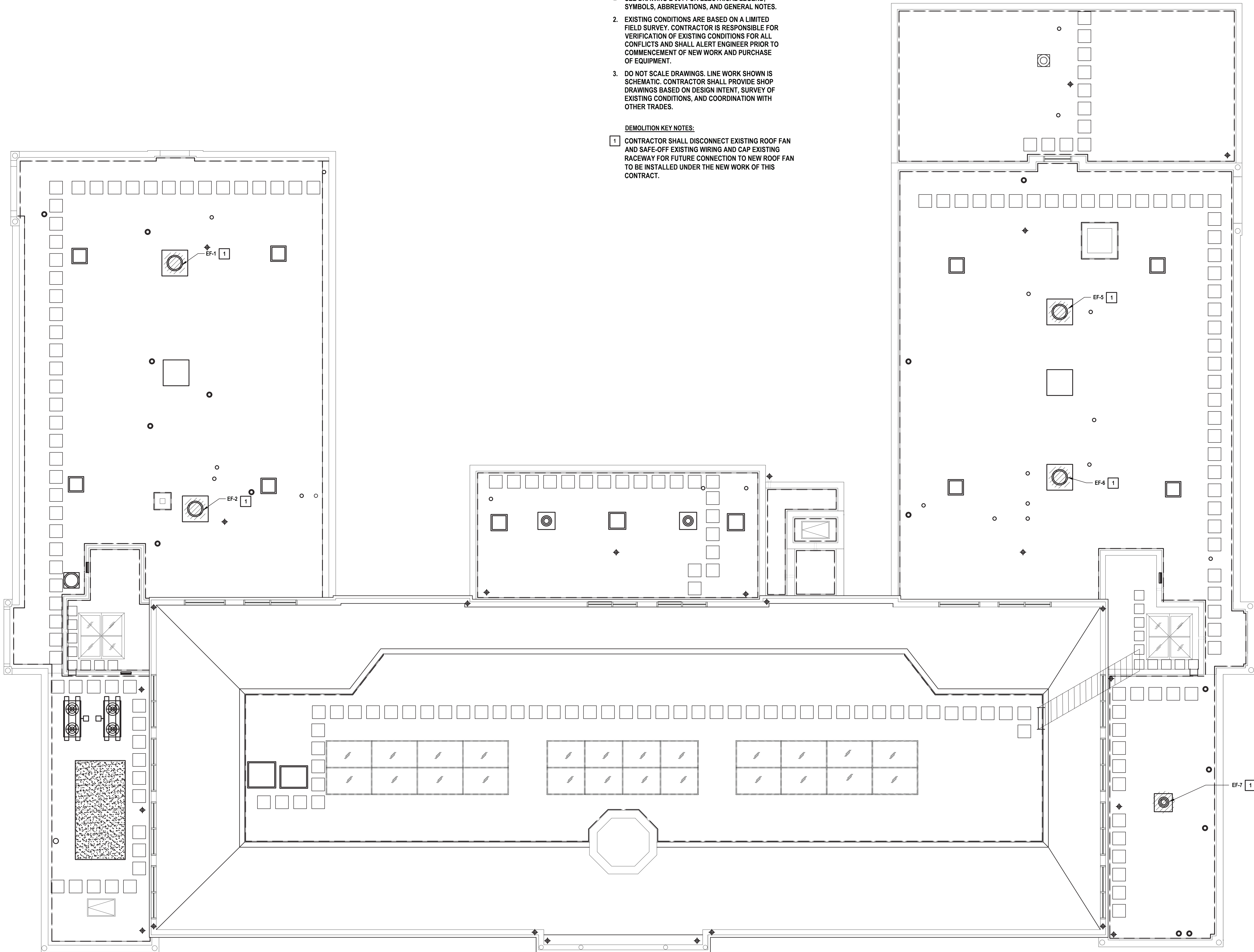
### Renovations at Rochambeau Alternate High School



STATUS: **FINAL BID DOCUMENT**

DRAWING No. **ED 105.00**

- DEMOLITION KEY NOTES:**
- 1** CONTRACTOR SHALL DISCONNECT EXISTING ROOF FAN AND SAFE-OFF EXISTING WIRING AND CAP EXISTING RACEWAY FOR FUTURE CONNECTION TO NEW ROOF FAN TO BE INSTALLED UNDER THE NEW WORK OF THIS CONTRACT.



City of WPSD (White Plains Central School District) - (0091)WPSD 2401 - (Rochambeau All HS Renovations)02-BIM-CADD/Con-Docs/15 Electric/ED 105.00 Roof Demolition Plan.dwg Last Modified: May 28, 2025 - 9:14am Plotted on: May 28, 2025 - 9:14am By: steffan

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**JOHN CHRIS MORRIS III, P.E.**

BY PROFESSIONAL ENGINEER LK No. 057554  
 "I ACCORDING WITH ARTICLE 166, SECTION 12(1)(b) OF THE INVESTIGATOR LIAISON  
 ALTERNATE OF THIS DOCUMENT EXCEPT BY LICENSE PROFESSIONAL IS ELIGIBLE."

DESIGNED BY SRF	DRAWN BY SRF	CHECKED BY SS	REVIEWED BY SS
PROJECT NO. WPSD2401	DATE MAY 2025	SCALE	AS SHOWN

## Renovations at Rochambeau Alternate High School



STATUS **FINAL BID DOCUMENT**

DRAWING No. **E 100.00**

- [illegible]

X:\WP5D\White Plains Central School District - 10991\WP5D 2401 - (Rocharbeau AUS Renovations)\02-BIM-CADD\Con-Docs\15 Electric\100-00 Basement Floor Power Plan.dwg Last Modified: Aug 29, 2024 - 2:57pm Plotted on: May 28, 2025 - 9:18am By sfshrahn



[illegible]

**JOHN CHRIS MORRIS III, P.E.**  
 MECHANICAL ENGINEER License No. 047664

SIGNED BY: SRF	DRAWN BY: SRF	CHECKED BY: SS	REVIEWED BY: SS
PROJECT No: WPSD2401		DATE: MAY 2025	SCALE: AS SHOWN

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 JENT

**White Plains City School District**

### Renovations at Rochambeau Alternate High School



228 Fisher Avenue  
White Plains, NY 10606

**SED #66-22-00-01-0-015-020**

CONTRACT

**CONTRACT E**

**ELECTRICAL CONSTRUCTION**

STATUS: **FINAL BID DOCUMENT**

SHEET TITLE

**GROUND FLOOR  
PROPOSED PLAN**

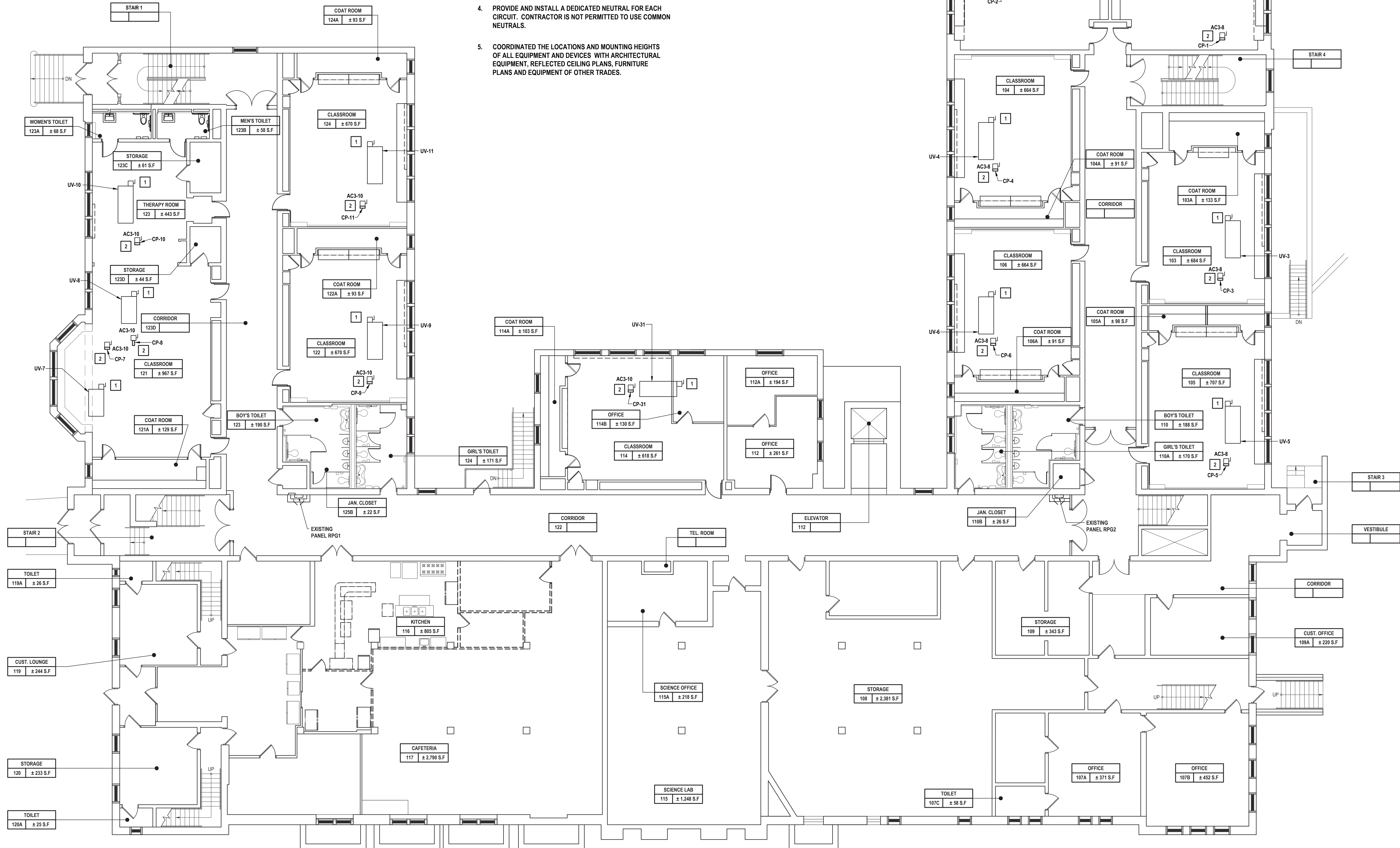
DRAWING No. **E 101.00**

GENERAL NOTES:

1. SEE DRAWING E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, & GENERAL NOTES.
2. EXISTING CONDITIONS ARE BASED ON A LIMITED FIELD SURVEY AND EXISTING DESIGN DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING CONDITIONS FOR ALL CONFLICTS AND SHALL ALERT ENGINEER PRIOR TO COMMENCEMENT OF NEW WORK AND PURCHASE OF EQUIPMENT.
3. DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS AND COORDINATION WITH OTHER TRADES.
4. PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.
5. COORDINATED THE LOCATIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT AND DEVICES WITH ARCHITECTURAL EQUIPMENT, REFLECTED CEILING PLANS, FURNITURE PLANS AND EQUIPMENT OF OTHER TRADES.

**KEY NOTES:**

- 1 NEW HORIZONTAL CEILING MOUNTED UNIT VENTILATOR. CONTRACTOR SHALL MODIFY/EXTEND EXISTING ELECTRICAL WIRING/RACEWAY THAT FEED EXISTING FLOOR MOUNTED UNIT VENT SAFED OFF DURING THE DEMOLITION PHASE ON THIS PROJECT AND CONNECT TO THIS NEW HORIZONTAL CEILING MOUNTED UNIT VENTILATOR. THE CONTRACTOR SHALL CONFIRM EXISTING WIRING/RACEWAY AND BREAKER MATCH THE REQUIRED RATINGS FOR THE NEW EQUIPMENT PRIOR TO RELEASE FOR START OF WORK.
- 2 NEW CONDENSATE PUMP. CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR NEW CONDENSATE PUMP FROM PANEL 'AC3'.

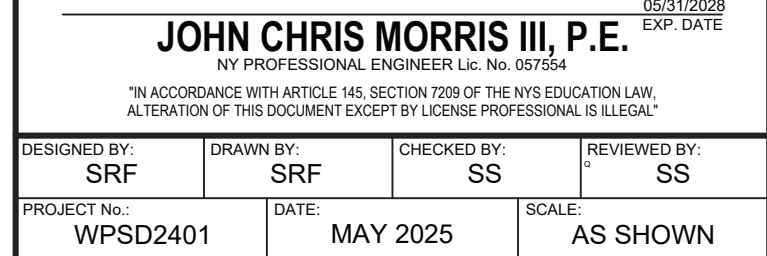


**1 Electrical Ground Floor Plan**  
SCALE: 1/8"=1'-0"



MARK	DATE	DESCRIPTION
0	09-11-24	SED SUBMISSION
1	02-25-25	SED ADDENDUM 1
	05-28-25	FINAL BID SET

MARK	DATE	DESCRIPTION
0	09-11-24	SED SUBMISSION
1	02-25-25	SED ADDENDUM 1
	05-28-25	FINAL BID SET



### Renovations at Rochambeau Alternate High School



CONTRACT

**CONTRACT E**

**ELECTRICAL CONSTRUCTION**

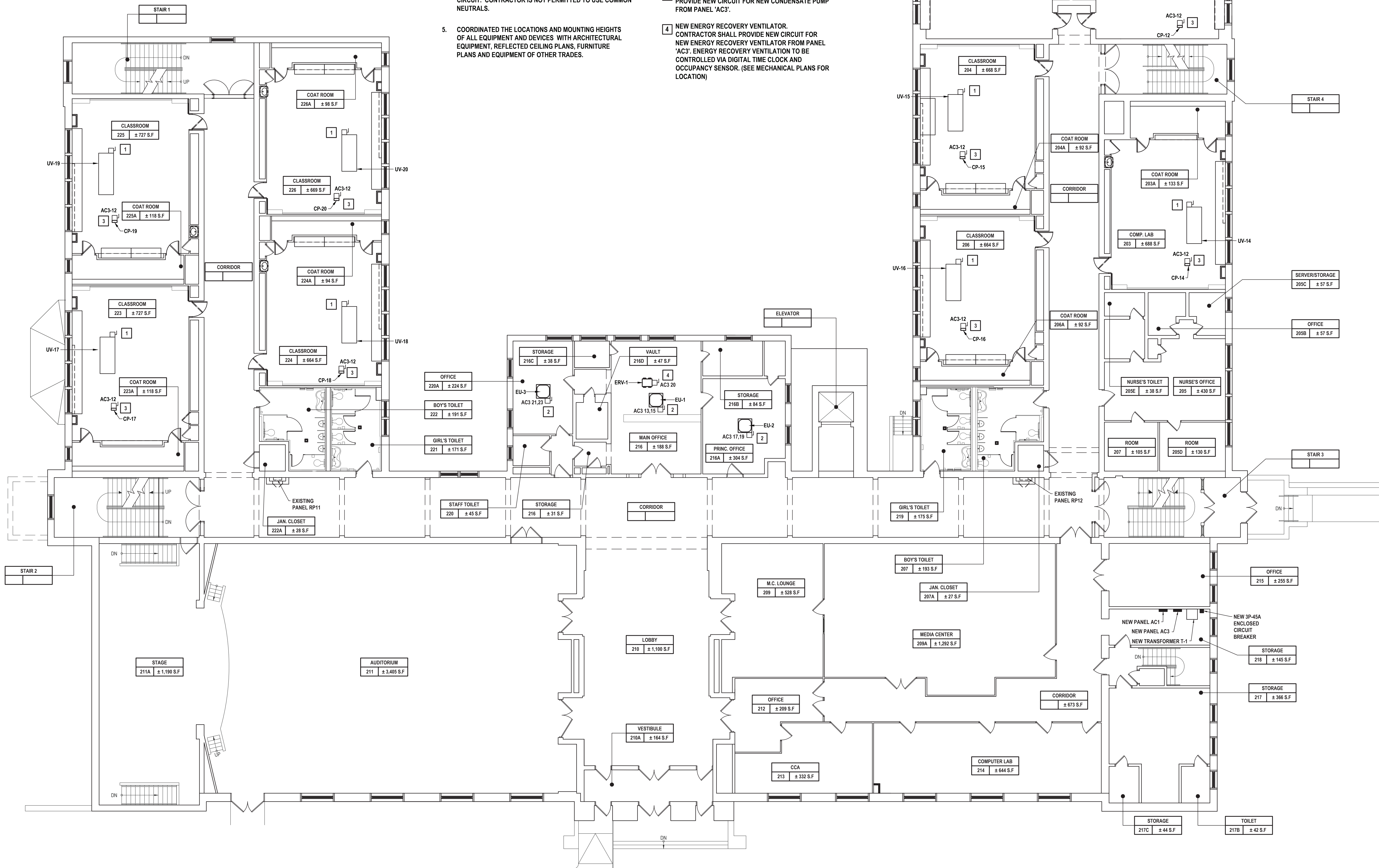
STATUS	<b>FINAL BID DOCUMENT</b>
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SHEET TITLE

**FIRST FLOOR  
PROPOSED PLAN**

DRAWING No. **E 102.00**

- | GENERAL NOTES:   | KEY NOTES:  |
|--|---|
| 1. SEE DRAWING E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, & GENERAL NOTES.   | 1 NEW HORIZONTAL CEILING MOUNTED UNIT VENTILATOR. CONTRACTOR SHALL MODIFY/EXTEND EXISTING ELECTRICAL WIRING/ACEWAY THAT FED EXISTING FLOOR MOUNTED UNIT VENT SAFED OFF DURING THE DEMOLITION PHASE ON THIS PROJECT AND CONNECT TO THIS NEW HORIZONTAL CEILING MOUNTED UNIT VENTILATOR. THE CONTRACTOR SHALL CONFIRM EXISTING WIRING/ACEWAY AND BREAKER MATCH THE REQUIRED RATINGS FOR THE NEW EQUIPMENT PRIOR TO RELEASE FOR START OF WORK. |
| 2. EXISTING CONDITIONS ARE BASED ON A LIMITED FIELD SURVEY AND EXISTING DESIGN DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING CONDITIONS FOR ALL CONFLICTS AND SHALL ALERT ENGINEER PRIOR TO COMMENCEMENT OF NEW WORK AND PURCHASE OF EQUIPMENT. | 2 NEW VRF DUCTLESS EVAPORATOR UNIT. CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR NEW EVAPORATOR UNIT FROM PANEL 'AC3'.  |
| 3. DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.  | 3 NEW CONDENSATE PUMP. CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR NEW CONDENSATE PUMP FROM PANEL 'AC3'.   |
| 4. PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.   | 4 NEW ENERGY RECOVERY VENTILATOR. CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR NEW ENERGY RECOVERY VENTILATOR FROM PANEL 'AC3'. ENERGY RECOVERY VENTILATION TO BE CONTROLLED VIA DIGITAL TIME CLOCK AND OCCUPANCY SENSOR. (SEE MECHANICAL PLANS FOR LOCATION)   |
| 5. COORDINATED THE LOCATIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT AND DEVICES WITH ARCHITECTURAL EQUIPMENT, REFLECTED CEILING PLANS, FURNITURE PLANS AND EQUIPMENT OF OTHER TRADES.   |   |



**1 Electrical First Floor Plan**  
SCALE: 1/8"=1'-0"



MARK	DATE	DESCRIPTION
0	09-11-24	SED SUBMISSION
1	02-25-25	SED ADDENDUM 1
	05-28-25	FINAL BID SET

MARK	DATE	DESCRIPTION
0	09-11-24	SED SUBMISSION
1	02-25-25	SED ADDENDUM 1
	05-28-25	FINAL BID SET



"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW,  
ALTERATION OF THIS DOCUMENT EXCEPT BY LICENSE PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
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SRF	SRF	SS	SS
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PROJECT No.:	DATE:	SCALE:
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WPSD2401	MAY 2025	AS SHOWN
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**White Plains City School District**

### Renovations at Rochambeau Alternate High School



SED #66-22-00-01-0-015-020

CONTRACT

**CONTRACT E**

**ELECTRICAL CONSTRUCTION**

STATUS	<b>FINAL BID DOCUMENT</b>
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SHEET TITLE

**SECOND FLOOR  
PROPOSED PLAN**

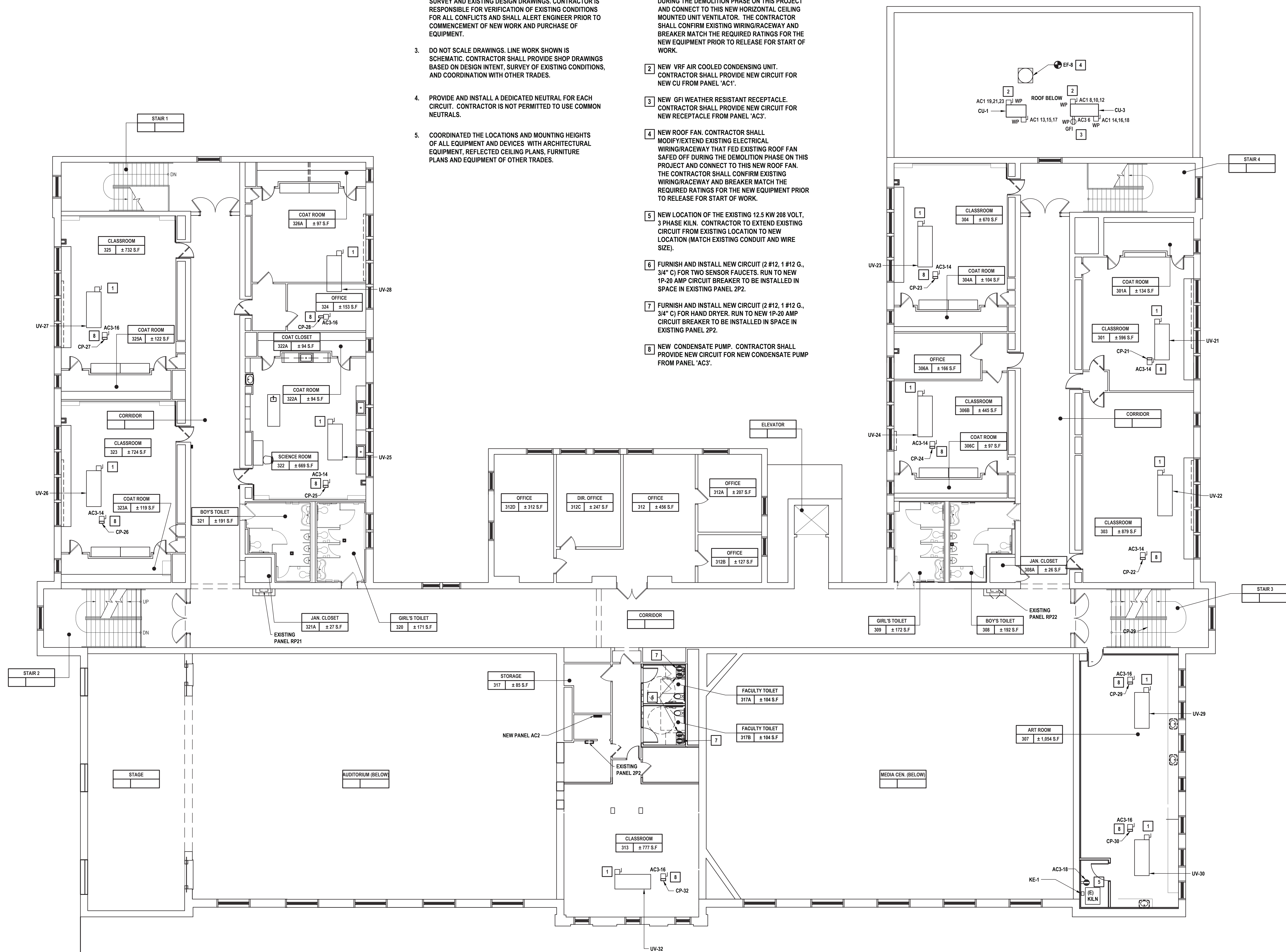
DRAWING No. **E 103.00**

1. SEE DRAWING E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, & GENERAL NOTES.

2. EXISTING CONDITIONS ARE BASED ON A LIMITED FIELD SURVEY AND EXISTING DESIGN DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING CONDITIONS FOR ALL CONFLICTS AND SHALL ALERT ENGINEER PRIOR TO COMMENCEMENT OF NEW WORK AND PURCHASE OF EQUIPMENT.
3. DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS AND COORDINATION WITH OTHER TRADES.
4. PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.
5. COORDINATED THE LOCATIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT AND DEVICES WITH ARCHITECTURAL EQUIPMENT, REFLECTED CEILING PLANS, FURNITURE PLANS AND EQUIPMENT OF OTHER TRADES.

**1** NEW HORIZONTAL CEILING MOUNTED UNIT VENTILATOR. CONTRACTOR SHALL MODIFY/EXTEND EXISTING ELECTRICAL WIRING/RACEWAY THAT FEED EXISTING FLOOR MOUNTED UNIT VENT SAFED OFF DURING THE DEMOLITION PHASE ON THIS PROJECT AND CONNECT TO THIS NEW HORIZONTAL CEILING MOUNTED UNIT VENTILATOR. THE CONTRACTOR SHALL CONFIRM EXISTING WIRING/RACEWAY AND BREAKER MATCH THE REQUIRED RATINGS FOR THE NEW EQUIPMENT PRIOR TO RELEASE FOR START OF WORK.

- 2 NEW VRF AIR COOLED CONDENSING UNIT. CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR NEW CU FROM PANEL 'AC1'.
- 3 NEW GFI WEATHER RESISTANT RECEPTACLE. CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR NEW RECEPTACLE FROM PANEL 'AC3'.
- 4 NEW ROOF FAN. CONTRACTOR SHALL MODIFY/EXTEND EXISTING ELECTRICAL WIRING/RACEWAY THAT FED EXISTING ROOF FAN SAFFED OFF DURING THE DEMOLITION PHASE ON THIS PROJECT AND CONNECT TO THIS NEW ROOF FAN. THE CONTRACTOR SHALL CONFIRM EXISTING WIRING/RACEWAY AND BREAKER MATCH THE REQUIRED RATINGS FOR THE NEW EQUIPMENT PRIOR TO RELEASE FOR START OF WORK.
- 5 NEW LOCATION OF THE EXISTING 12.5 KW 208 VOLT, 3 PHASE KILN. CONTRACTOR TO EXTEND EXISTING CIRCUIT FROM EXISTING LOCATION TO NEW LOCATION (MATCH EXISTING CONDUIT AND WIRE SIZE).
- 6 FURNISH AND INSTALL NEW CIRCUIT (2 #12, 1 #12 G., 3/4" C) FOR TWO SENSOR FAUCETS. RUN TO NEW 1P-20 AMP CIRCUIT BREAKER TO BE INSTALLED IN SPACE IN EXISTING PANEL 2P2.
- 7 FURNISH AND INSTALL NEW CIRCUIT (2 #12, 1 #12 G., 3/4" C) FOR HAND DRYER. RUN TO NEW 1P-20 AMP CIRCUIT BREAKER TO BE INSTALLED IN SPACE IN EXISTING PANEL 2P2.
- 8 NEW CONDENSATE PUMP. CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR NEW CONDENSATE PUMP FROM PANEL 'AC3'.



**1 Electrical Second Floor Plan**  
SCALE: 1/8"=1'-0"



[illegible]

**JOHN CHRIS MORRIS III, P.E.**  
NY PROFESSIONAL ENGINEER Lic. No. 067554  
06/31/2028  
EXP. DATE  
"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW,  
ALTERATION OF THIS DOCUMENT EXCEPT BY LICENSE PROFESSIONAL IS ILLEGAL"

DESIGNED BY: SRF	DRAWN BY: SRF	CHECKED BY: SS	REVIEWED BY: SS
PROJECT No.: WPSD2401		DATE: MAY 2025	SCALE: AS SHOWN

CLIENT

**White Plains City School District**

### Renovations at Rochambeau Alternate High School



**228 Fisher Avenue  
White Plains, NY 10606**

**SED #66-22-00-01-0-015-020**

CONTRACT

**CONTRACT E**

**ELECTRICAL CONSTRUCTION**

STATUS	FINAL BID DOCUMENT
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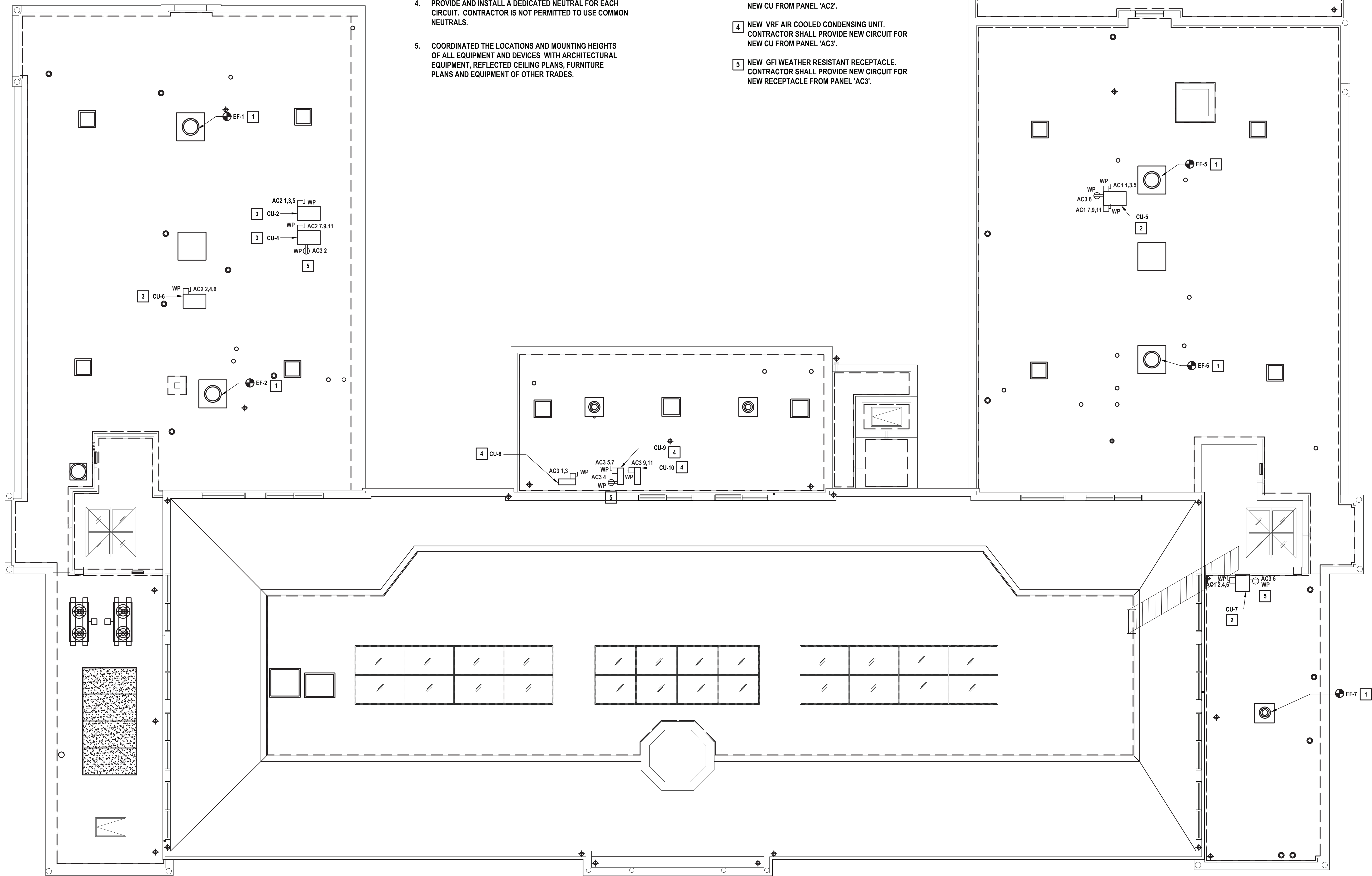
SHEET TITLE

**ROOF LEVEL  
PROPOSED PLAN**

DRAWING No. **E 105.00**

- GENERAL NOTES.**
1. SEE DRAWING E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, & GENERAL NOTES.
  2. EXISTING CONDITIONS ARE BASED ON A LIMITED FIELD SURVEY AND EXISTING DESIGN DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING CONDITIONS FOR ALL CONFLICTS AND SHALL ALERT ENGINEER PRIOR TO COMMENCEMENT OF NEW WORK AND PURCHASE OF EQUIPMENT.
  3. DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.
  4. PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.
  5. COORDINATED THE LOCATIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT AND DEVICES WITH ARCHITECTURAL EQUIPMENT, REFLECTED CEILING PLANS, FURNITURE PLANS AND EQUIPMENT OF OTHER TRADES.

- KEY NOTES:**
- 1** NEW ROOF FAN. CONTRACTOR SHALL MODIFY/EXTEND EXISTING ELECTRICAL WIRING/RACEWAY THAT FED EXISTING ROOF FAN SAFFO OFF DURING THE DEMOLITION PHASE ON THIS PROJECT AND CONNECT TO THIS NEW ROOF FAN. THE CONTRACTOR SHALL CONFIRM EXISTING WIRING/RACEWAY AND BREAKER MATCH THE REQUIRED RATINGS FOR THE NEW EQUIPMENT PRIOR TO RELEASE FOR START OF WORK.
  - 2** NEW VRF AIR COOLED CONDENSING UNIT. CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR NEW CU FROM PANEL 'AC1'.
  - 3** NEW VRF AIR COOLED CONDENSING UNIT. CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR NEW CU FROM PANEL 'AC2'.
  - 4** NEW VRF AIR COOLED CONDENSING UNIT. CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR NEW CU FROM PANEL 'AC3'.
  - 5** NEW GFJ WEATHER RESISTANT RECEPTACLE. CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR NEW RECEPTACLE FROM PANEL 'AC3'.



**1 Electrical Roof Plan**  
SCALE: 1/8"=1'-0"





Only semi-conducting jacket material may be direct buried with other facilities (such as communications cables); cables with insulating jacket material must be installed in conduit on public highways, and in the presence of direct buried communications facilities.

Detailed specifications for all cables and transformers above 600 V installation must be obtained from PSEG Long Island.



1. REFER TO DRAWINGS 00100 FOR ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS.
2. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION ON REQUIRED WIRING/CLAMPING FROM COMPONENTS, EQUIPMENT, BREAKERS, SIZING, ETC.
3. CONTRACTOR SHALL SAW CUT EXISTING ROADWAY AND WALKWAY TO INSTALL NEW UNDERGROUND SECONDARY ELECTRICAL SERVICE. AFTER INSTALLATION CONTRACTOR SHALL FILL TRENCH AND PATCH MACADAM TO MATCH EXISTING.
4. CONTRACTOR SHALL INSPECT CONSTRUCTION SITE PRIOR TO SUBMISSION OF BIDS AND SHALL MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
5. LOCATION OF ALL UNDERGROUND UTILITIES BOTH PUBLIC AND CUSTOMER OWNED, WERE OBTAINED FROM EITHER MAPS, SURVEYS, DRAWINGS AND RECORDS SUPPLIED BY THE OWNER. THE OWNER'S ENGINEER HAS REVIEWED THE INFORMATION AND ACCEPTED RESPONSIBILITY FOR ANY DAMAGE TO SUCH FACILITIES DUE TO DISCREPANCIES IN LOCATION AND SIZE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND A PRIVATE MARKOUT COMPANY FOR DETERMINING THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK. CONTRACTOR SHALL LOCATE ALL UTILITIES WITHIN PROXIMITY OF CONSTRUCTION. LINES ARE ASSUMED TO BE LOCATED AS SHOWN.
6. CONTRACTOR SHALL COMPLETELY RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO: LANDSCAPING, PAVEMENT, SIDEWALKS, CURBING AND IN-GROUND SPRINKLER SYSTEMS.
7. THE CONTRACTOR SHALL PERFORM DAILY CLEAN-UP OPERATIONS WHICH INCLUDE REMOVAL OF DEBRIS AND EXCESS CONSTRUCTION MATERIAL TO THE SATISFACTION OF THE OWNER AND THE ENGINEER.
8. THE CONTRACTOR SHALL DIRECTIONALLY DRILL UNDER THE ROADWAY FOR THE PRIMARY GAS MAIN INSTALLATION.



DRAWING No. **E 110.00**



MARK	DATE	DESCRIPTION
0	09-11-24	SED SUBMISSION
1	02-25-25	SED ADDENDUM 1
	05-28-25	FINAL BID SET



**JOHN CHRIS MORRIS III, P.E.**  
 NO. PROFESSIONAL ENGINEER: No. 00754

IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW,  
ALTERATION OF THIS DOCUMENT EXCEPT BY LICENSE PROFESSIONAL IS ILLEGAL\*

SIGNED BY: SRF	DRAWN BY: SRF	CHECKED BY: SS	REVIEWED BY: SS
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PROJECT No:	DATE:	SCALE:
WRSD3401	MAY 2025	AS SHOWN

IENT

**White Plains City School District**

## Renovations at Rochambeau Alternate High School



228 Fisher Avenue  
White Plains, NY 10606

**SED #66-22-00-01-0-015-020**

CONTRACT

**CONTRACT E**

**ELECTRICAL CONSTRUCTION**

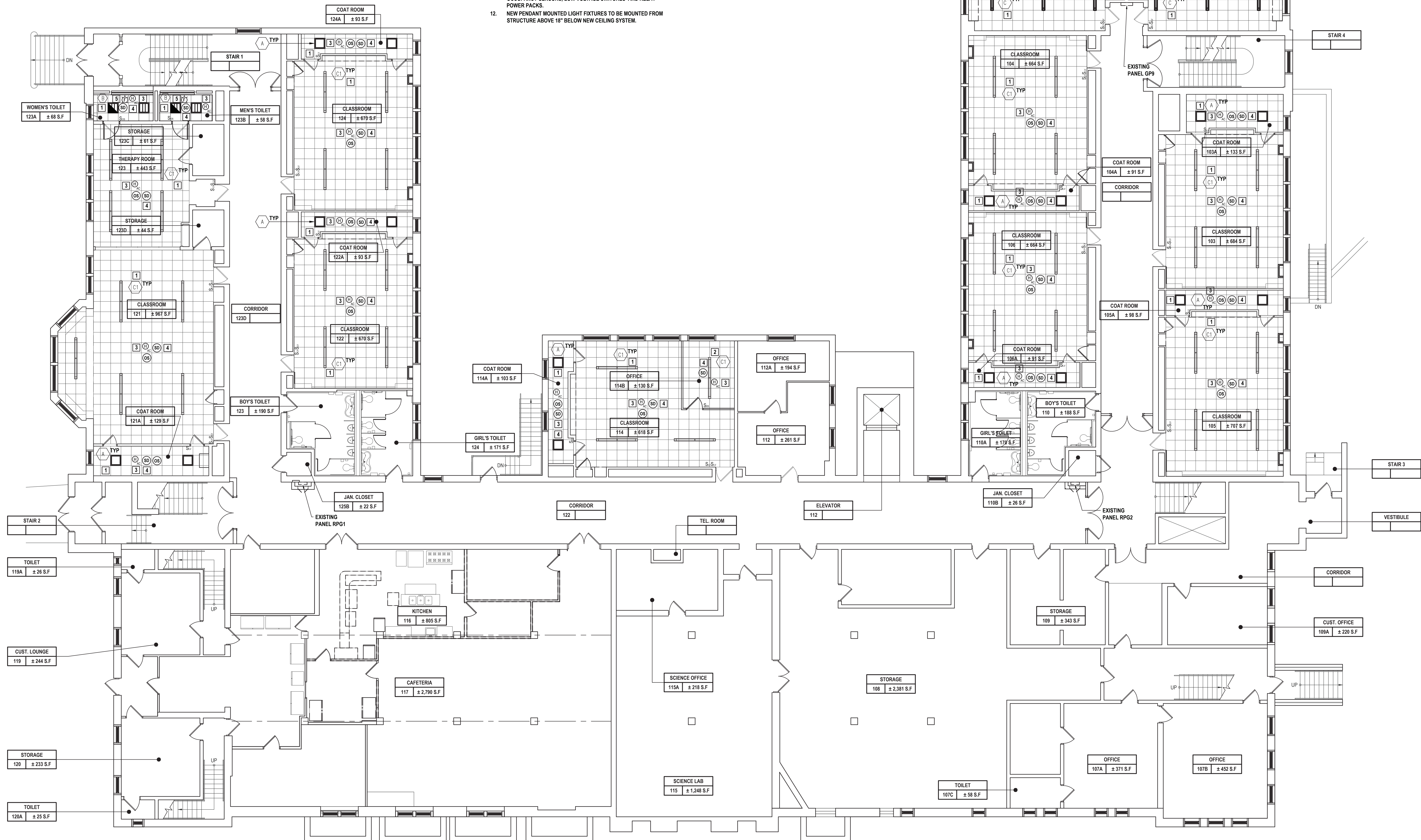
STATUS: **FINAL BID DOCUMENT**

GROUND FLOOR  
LIGHTING PLAN

RAWING No. **E 121.00**

1. REFER TO DRAWING E-00100 FOR ELECTRICAL NOTICES, SYMBOLS AND ABREVIATIONS.
2. PROVIDE ALL REQUIRED NEW WIRING NECESSARY BETWEEN SWITCHES, RELAY POWER PACKS AND OCCUPANCY SENSORS FOR COMPLETE LIGHTING CONTROL SYSTEM.
3. FIXTURES INDICATED WITH LETTER DESIGNATIONS SHALL BE CONNECTED TO THE SWITCH, OCCUPANCY SENSOR AND/OR POWER PACK WITH CORRESPONDING LETTER DESIGNATION.
4. PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.
5. ALL NEW CEILING MOUNTED LIGHT FIXTURES WITH EMERGENCY BATTERY PACKS SHALL BE LABELED. THESE LABELS SHALL BE EASILY READ FROM THE FLOOR LEVEL AND STATE THAT THE FIXTURE IS AN EMERGENCY FIXTURE AND CONTAIN THE PANEL NAME AND CIRCUIT NUMBER THAT IT IS FED FROM.
6. WIRING FOR EMERGENCY BATTERY PACKS IS NOT SHOWN ON PLANS. EMERGENCY BATTERY PACKS SHALL BE FED FROM AN UNSWITCHED HOT WIRE OF THE NORMAL CONTROLLED LIGHTING CIRCUIT SERVING THE LIGHT FIXTURE.
7. EXIT SIGNS SHALL BE CONNECTED TO THE UNSWITCHED HOT WIRE OF THE LIGHTING CIRCUIT SERVING THE AREA.
8. COORDINATE THE LOCATIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT AND DEVICES WITH ARCHITECTURAL EQUIPMENT, REFLECTED CEILING PLANS, FURNITURE PLANS AND EQUIPMENT SCHEDULES AND TRADES.
9. EQUIPMENT AND DEVICES SHOWN DOTTED WITH SUBSCRIPT "R" ARE EXISTING TO BE RELOCATED IF WALL MOUNTED, BELOW NEW CEILING OR CEILING MOUNTED, ON OR RECESSED IN CEILING).
10. NEW LIGHT FIXTURES SHALL BE CONNECTED TO EXISTING LIGHTING CIRCUITS. SERVING THE AREA.
11. ALL LIGHT SWITCHES THAT CONTROLLED EXISTING LIGHTS SHALL BE REMOVED AND CONTROL OF NEW LIGHT FIXTURES TO BE BY OCCUPANCY SENSORS, LOW VOLTAGE SWITCHES AND RELAY POWER PACKS.
12. NEW PENDANT MOUNTED LIGHT FIXTURES TO BE MOUNTED FROM STRUCTURE ABOVE 1' BELOW NEW CEILING SYSTEM.

- KEY NOTES:**
1. NEW LIGHT FIXTURES TO BE CONNECTED TO EXISTING LIGHTING CIRCUIT SERVING THE AREA (EXTEND CONDUIT AND WIRING AS REQUIRED) RUN VIA POWER PACE PP CONTROLLED BY OCCUPANCY SENSORS AND LOW VOLTAGE SWITCHES.
  2. NEW LIGHT FIXTURES TO BE CONNECTED TO EXISTING LIGHTING CIRCUIT SERVING THE AREA (EXTEND CONDUIT AND WIRING AS REQUIRED) TO BE CONTROLLED BY NEW OCCUPANCY SENSOR SWITCHES.
  3. NEW FIRE ALARM HEAT DETECTOR (MATCH EXISTING EDWARDS MANUFACTURER) SHALL BE CONNECTED TO EXISTING FIRE ALARM SIGNALING LINE CIRCUIT (EXTEND WIRING AS REQUIRED).
  4. NEW FIRE ALARM SMOKE DETECTOR (MATCH EXISTING EDWARDS MANUFACTURER) SHALL BE CONNECTED TO EXISTING FIRE ALARM SIGNALING LINE CIRCUIT (EXTEND WIRING AS REQUIRED).
  5. NEW FIRE ALARM STROBE (MATCH EXISTING EDWARDS MANUFACTURER) SHALL BE CONNECTED TO EXISTING FIRE ALARM NOTIFICATION CIRCUIT (EXTEND WIRING AS REQUIRED).

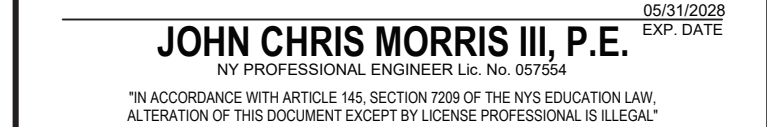


### Ground Floor Lighting Plan



MARK	DATE	DESCRIPTION
0	09-11-24	SED SUBMISSION
1	02-25-25	SED ADDENDUM 1
	05-28-25	FINAL BID SET

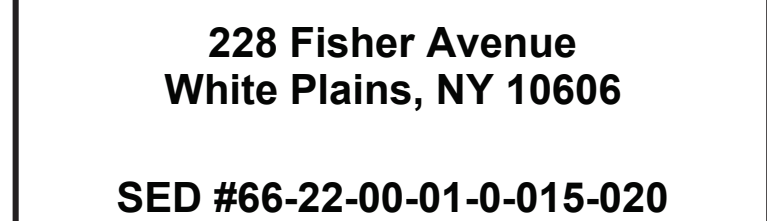
MARK	DATE	DESCRIPTION
0	09-11-24	SED SUBMISSION
1	02-25-25	SED ADDENDUM 1
	05-28-25	FINAL BID SET



DESIGNED BY: SRF	DRAWN BY: SRF	CHECKED BY: SS	REVIEWED BY: SS
PROJECT No.: WPSD2401		DATE: MAY 2025	SCALE: AS SHOWN

**White Plains City School District**

### Renovations at Rochambeau Alternate High School



CONTRACT

**CONTRACT E**

**ELECTRICAL CONSTRUCTION**

STATUS	FINAL BID DOCUMENT
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SHEET TITLE

**FIRST FLOOR  
LIGHTING PLAN**

DRAWING No. **E 122.00**





MARK	DATE	DESCRIPTION
0	09-11-24	SED SUBMISSION
1	02-25-25	SED ADDENDUM 1
	05-28-25	FINAL BID SET



**JOHN CHRIS MORRIS III, P.E.**  
NY PROFESSIONAL ENGINEER Lic. No. 067554  
06/31/2028  
EXP. DATE  
"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW,  
ALTERATION OF THIS DOCUMENT EXCEPT BY LICENSE PROFESSIONAL IS ILLEGAL"

DESIGNED BY: SRF	DRAWN BY: SRF	CHECKED BY: SS	REVIEWED BY: SS
PROJECT No.: WPSD2401	DATE: MAY 2025	SCALE: AS SHOWN	

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**White Plains City School District**

### Renovations at Rochambeau Alternate High School



**228 Fisher Avenue  
White Plains, NY 10606**

**SED #66-22-00-01-0-015-020**

CONTRACT

**CONTRACT E**

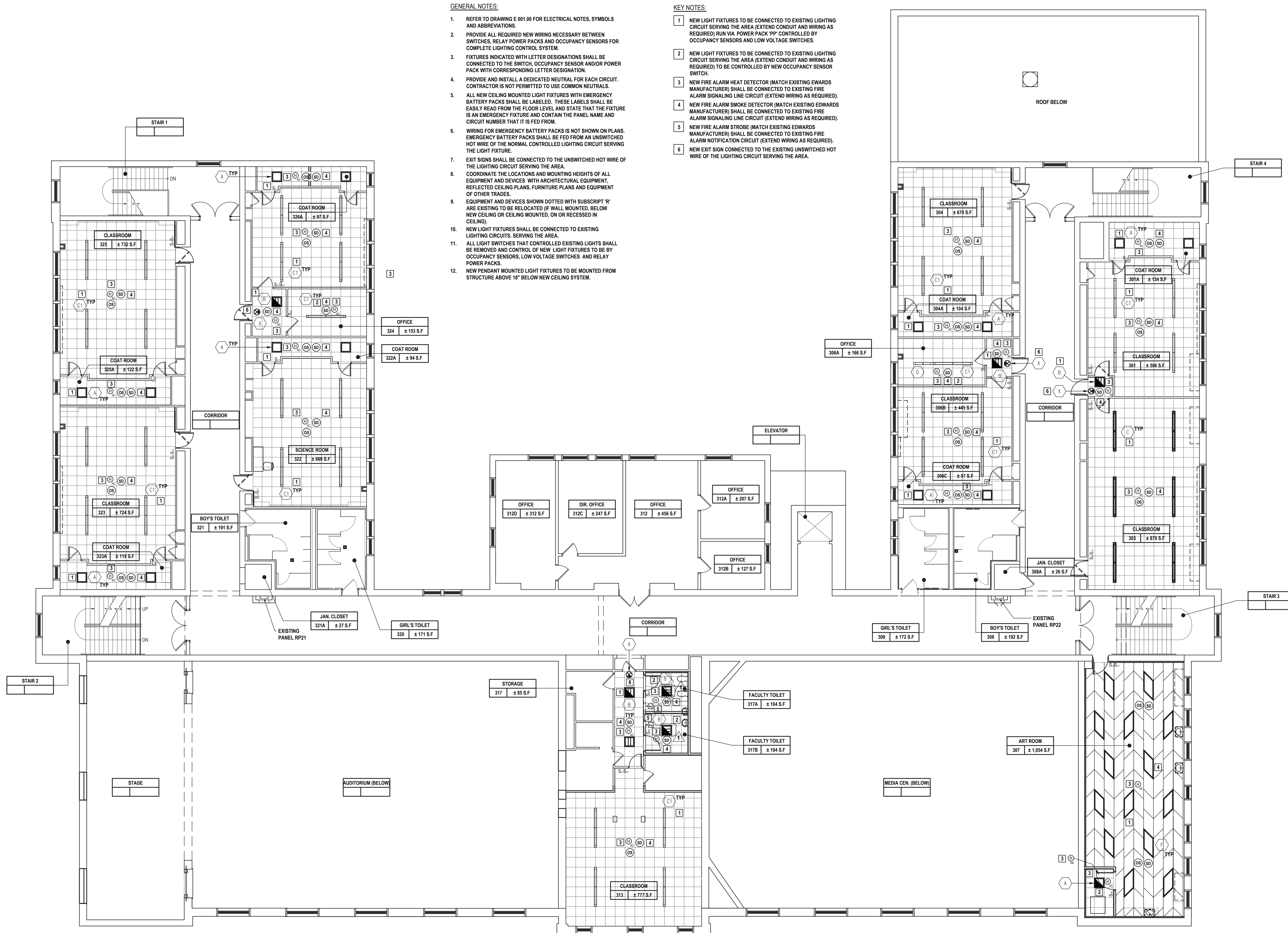
**ELECTRICAL CONSTRUCTION**

STATUS	FINAL BID DOCUMENT
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SHEET TITLE

**SECOND FLOOR  
LIGHTING PLAN**

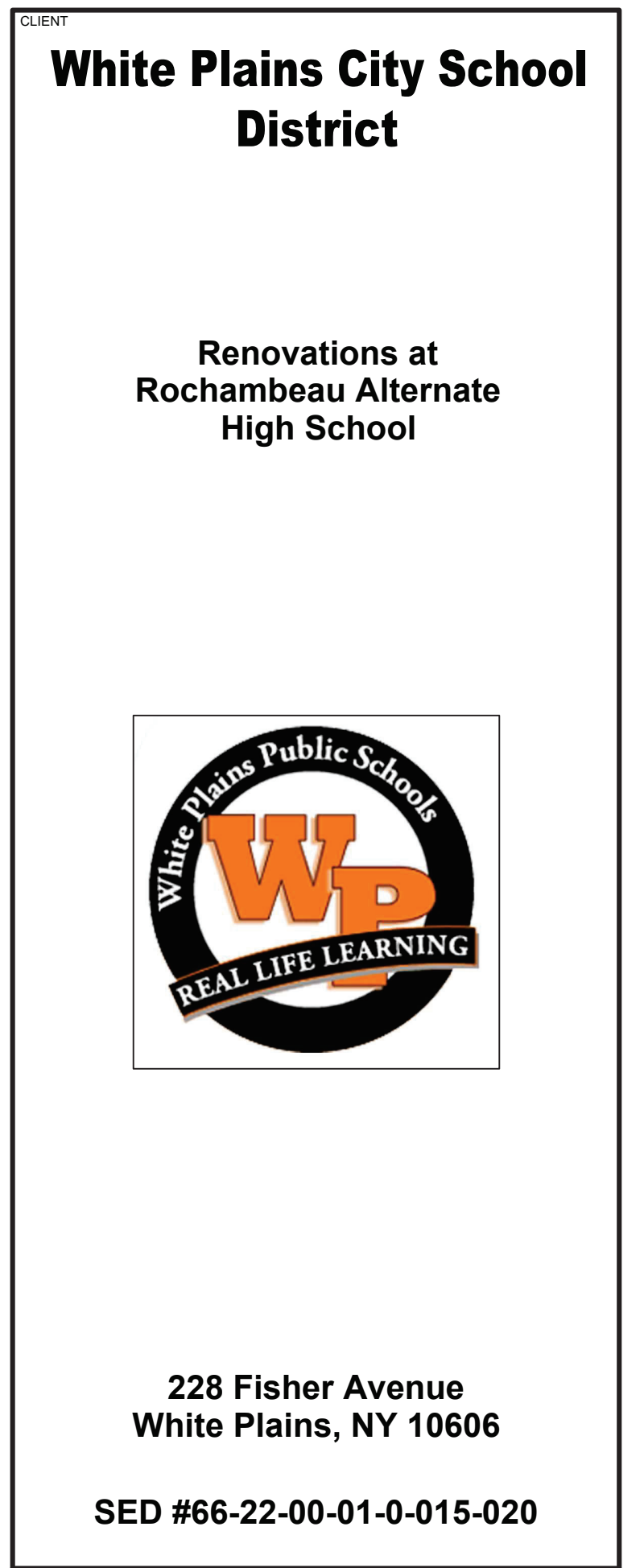
DRAWING No. **E 123.00**



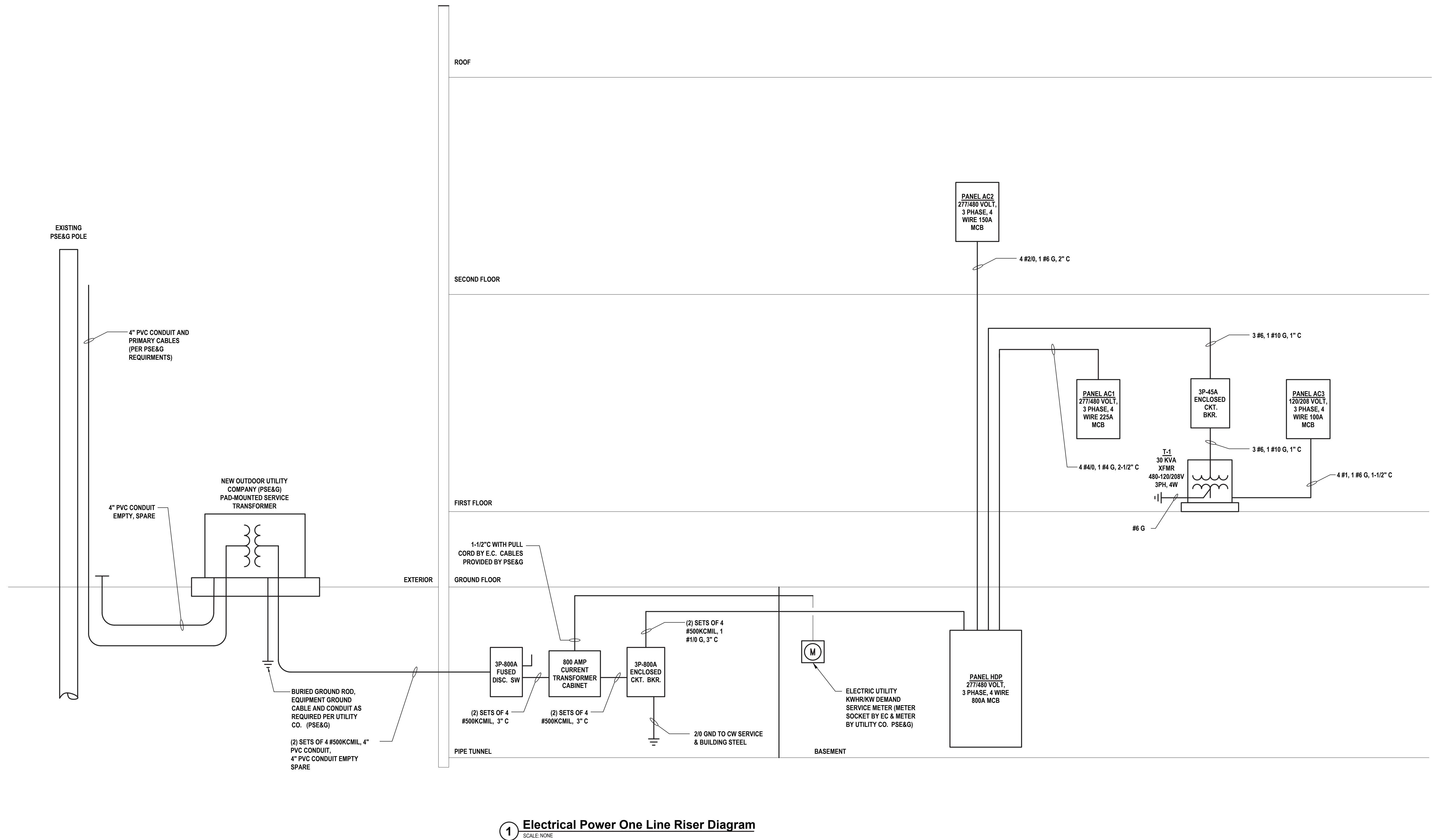
## Second Floor Lighting Plan



CONSULTANTS:	
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[illegible]

CONTRACT	<b>CONTRACT E</b> <b>ELECTRICAL CONSTRUCTION</b>
STATUS	<b>FINAL BID DOCUMENT</b>
SHEET TITLE	<b>ELECTRICAL</b> <b>ONE LINE DIAGRAM</b>
DRAWING No.	<b>E 500.00</b>





NOTES:

1. READ ACROSS TO THE RIGHT FROM C/B TRIP TO DESIRED VOLTAGE CHARACTERISTICS AND NEXT GREATER DISTANCE THAN CIRCUIT IN QUESTION.
2. READ DOWN TO MINIMUM WIRE SIZE.
3. DISTANCES ARE TO THE CENTER OF CONCENTRATED LOAD SUCH AS CLASSROOM LIGHTING OR THE MIDPOINT OF DISTRIBUTED LOAD SUCH AS CORRIDOR LIGHTING.
4. EQUIPMENT GROUNDING CONDUCTORS SHALL BE INCREASED IN SIZE PROPORTIONATELY PER N.E.C.

### WIRE SIZING

REFER TO THE BRANCH CIRCUIT WIRE SIZING TABLES FOR DISTANCE LIMITATIONS FOR THE MINIMUM WIRE SIZE AND FOR SELECTING THE PROPER WIRE SIZE FOR THE DISTANCE AND VOLTAGE DROP INVOLVED.

UNLESS OTHERWISE INDICATED, QUANTITIES OF WIRES SHALL BE BASED ON AN INDIVIDUAL HOMERUN FOR EACH CIRCUIT AS FOLLOWS.

CONSECUTIVE INDIVIDUAL 20 AMP LINE TO NEUTRAL BRANCH CIRCUITS MAY NOT BE COMBINED INTO MULTIWIRE BRANCH CIRCUITS HAVING HOMERUNS WITH A COMMON NEUTRAL CONDUCTOR.

SINGLE PHASE, TWO POLE, TWO WIRE, LINE TO LINE, BRANCH CIRCUITS AND SINGLE PHASE, TWO POLE, THREE WIRE, LINE LINE PLUS NEUTRAL, BRANCH CIRCUITS SHALL HAVE INDIVIDUAL UNCOMBINED HOMERUNS.

COMBINED TWO AND THREE CIRCUIT HOMERUNS SHALL HAVE SEPARATE NEUTRALS FOR EACH CIRCUIT BUT A COMMON EQUIPMENT GROUNDING CONDUCTOR AND A COMMON ISOLATED GROUNDING CONDUCTOR MAY BE USED.

1. COMBINED HOMERUNS SHALL HAVE THE MINIMUM BRANCH CIRCUIT WIRE SIZE INCREASED IN ACCORDANCE WITH  
2. CURRENT NATIONAL ELECTRICAL ADJUSTMENT FACTORS FOR NUMBER OF CURRENT CARRYING CONDUCTORS IN A  
3. RACEWAY.

4. NEUTRAL CONDUCTORS FOR FLOURESCENT AND HIGH INTENSITY DISCHARGE LIGHTING CIRCUITS ARE CURRENT CARRYING  
5. CONDUCTORS.

6. INDIVIDUAL NEUTRAL CONDUCTOR FOR COMBINED HOMERUNS FOR DATA / COMPUTER OUTLETS ARE CURRENT CARRYING  
7. CONDUCTORS.

8. NEUTRAL CONDUCTORS FOR DIMMING CIRCUITS ARE CURRENT CARRYING CONDUCTORS.

ALL RACEWAYS SHALL BE SIZED IN ACCORDANCE WITH THE CURRENT NATIONAL ELECTRICAL CODE IN EFFECT AS A MINIMUM SIZE. THE MORE COMMON SIZES ARE INCLUDED HERE FOR THE CONTRACTOR'S CONVENIENCE.

The diagram illustrates the wiring for the BZ-250 Power Pack. The power pack is connected to a 24VDC source and a control output. It also shows the power pack connected to a low voltage momentary switch, which is then connected to two fixtures. The power pack has terminals for Red, Blk, Org, Brn, and Gry, each with a corresponding wire to the fixtures. The power pack also has a 'Control Output' terminal connected to a 'Common' terminal, and a '+24VDC' terminal connected to the 'Control Output' terminal. The power pack is labeled 'BZ-250 Power Pack' and 'Auto ON'.

## SCALE: N.T.S.

1. LIGHTING CONTROL DETAIL IS BASED ON EQUIPMENT FROM LEGRAND WATTSTOPPER.
2. WIRING OF THE LIGHTING CONTROL SYSTEM SHALL BE ACCORDING TO THE MANUFACTURES RECOMMENDATIONS.
3. OCCUPANCY SENSOR LAYOUT / SPACING COVERAGE SHALL HAVE A 20% OVERLAP.

1. DETAIL IS TYPICAL AND IS INTENDED TO ILLUSTRATE METHODS OF GROUNDING AND BONDING OF ELECTRICAL DISTRIBUTION SYSTEM COMPONENTS AND BUILDING ELEMENTS. CONTRACTOR SHALL ADAPT DETAIL TO SUIT THE PARTICULAR APPLICATION AND MAY SUBMIT ALTERNATIVE METHODS TO THE ENGINEER FOR CONSIDERATION.
2. DETAIL IS TYPICAL FOR METALLIC RACEWAY AND BOX SYSTEMS. FOR METALLIC RACEWAY SYSTEMS WITH U.L. LISTED AND APPROVED BONDING LOCKNUTS OR BUSHINGS AND NONMETALLIC RACEWAYS AND/OR BOXES, ELIMINATE THE BONDING JUNCTIONS BETWEEN THE RACEWAY AND THE BOX.
3. INSTALLATION AND CONNECTION OF DRIVEN GROUND RODS MUST BE WITNESSED BY THE AUTHORITY HAVING JURISDICTION AND THE LOCATION(S) DOCUMENTED BY RECORDING THE DEPTH OF COVER AND MEASURED DISTANCES FROM TWO FIXED PERMANENT OBJECTS OR BUILDING APPEARANCES.
4. GROUNDING NEUTRAL CONDUCTORS (GNC) AND EQUIPMENT GROUNDING CONDUCTORS (EGC) SHALL ALL BE INSULATED. GNC SHALL BE WHITE (OR GRAY), EGC SHALL BE GREEN.
5. GROUNDING ELECTRODE CONDUCTORS (GEC) SHALL BE INSULATED AND SHALL BE GREEN.
6. BONDING JUNCTIONS (BJ) MAY BE BARE WHERE COMPLETELY CONTAINED WITHIN AN ENCLOSURE OR INSTALLED EXPOSED IN LENGTHS OF SIX FEET OR LESS, WHERE INSTALLED IN RACEWAY OR EXPOSED IN LENGTHS GREATER THAN SIX FEET THEY SHALL BE INSULATED AND SHALL BE GREEN.
7. BONDING JUNCTIONS (BJ) MAY BE BARE WHERE COMPLETELY CONTAINED WITHIN AN ENCLOSURE OR INSTALLED EXPOSED IN LENGTHS OF SIX FEET OR LESS, WHERE INSTALLED IN RACEWAY OR EXPOSED IN LENGTHS GREATER THAN SIX FEET THEY SHALL BE INSULATED AND SHALL BE GREEN.
8. REFER TO NATIONAL ELECTRICAL CODE "GROUNDING ELECTRODE CONDUCTORS" TABLE (2020 NEC 250-66) AND "EQUIPMENT GROUNDING CONDUCTORS" TABLE (2020 NEC 250-122) FOR SIZING OF GROUNDING AND BONDING CONDUCTORS THAT ARE NOT INDICATED IN THE SCHEDULES OR DIAGRAMS.
9. CONTRACTOR SHALL GROUND THE BUILDING STEEL, OR BOND IT TO THE SERVICE ENTRANCE EQUIPMENT.
10. REFER TO PROJECT STRUCTURAL STEEL DRAWINGS TO DETERMINE THE QUANTITY AND LOCATION OF BONDING JUNCTIONS ACROSS EXPANSION JOINTS IN THE INTERIOR STRUCTURAL STEEL FRAMING SYSTEM WHERE PORTIONS OF THE BUILDING HAVING INTERIOR STRUCTURAL STEEL FRAMING ARE PHYSICALLY CONNECTED BUT SEPARATED BY CONNECTING CORRIDORS, BREEZEWAYS, ETC. THAT DO NOT CONTAIN INTERIOR STRUCTURAL STEEL. THE CONTRACTOR SHALL PROVIDE BONDING JUNCTIONS BETWEEN ELEMENTS OF THE INTERIOR STRUCTURAL STEEL FRAMING. NOTE: METAL ROOF DECKS AND METAL ROOF AND FLOOR JOISTS IN MASONRY BUILDINGS DO NOT CONSTITUTE INTERIOR STRUCTURAL STEEL.
11. ELECTRICALLY CONTINUOUS METAL BAR JOISTS IN MASONRY CONSTRUCTION SHALL BE BONDED TO THE SERVICE ENTRANCE EQUIPMENT ENCLOSURE OR TO INTERIOR, GROUNDING, STRUCTURAL STEEL IN OTHER PORTIONS OF THE BUILDING.
12. THE EQUIPMENT GROUNDING CONDUCTOR OF CONDUITS SERVING GAS APPLIANCES MAY SERVE AS THE REQUIRED BONDING CONNECTION.
13. BONDING JUNCTION IS NOT REQUIRED FOR RECEPTACLES IF U.L. LISTED AUTO-GROUND WIRING DEVICES ARE USED.
14. CONCRETE ENCASED ELECTRODE SHALL BE ELECTRICALLY CONDUCTIVE ALONG ITS ENTIRE LENGTH. PIGTAIL SHALL BE SAME SIZE AND MATERIAL AS GROUNDING ELECTRODE CONDUCTOR, COORDINATE INSTALLATION OF PIGTAIL, SLEEVE AND CONNECTION TO ELECTRODE WITH AUTHORITY HAVING JURISDICTION.
15. REFER TO SERVICE GROUNDING SYSTEM RISER DIAGRAM ON THIS DRAWING.



- ## 1 OR 2 HOUR RATED FIRESTOP FOR METALLIC CONDUIT THRU GYPSUM BOARD WALLS

SCALE: NONE U.L. SYSTEM NUMBER W-L-1054

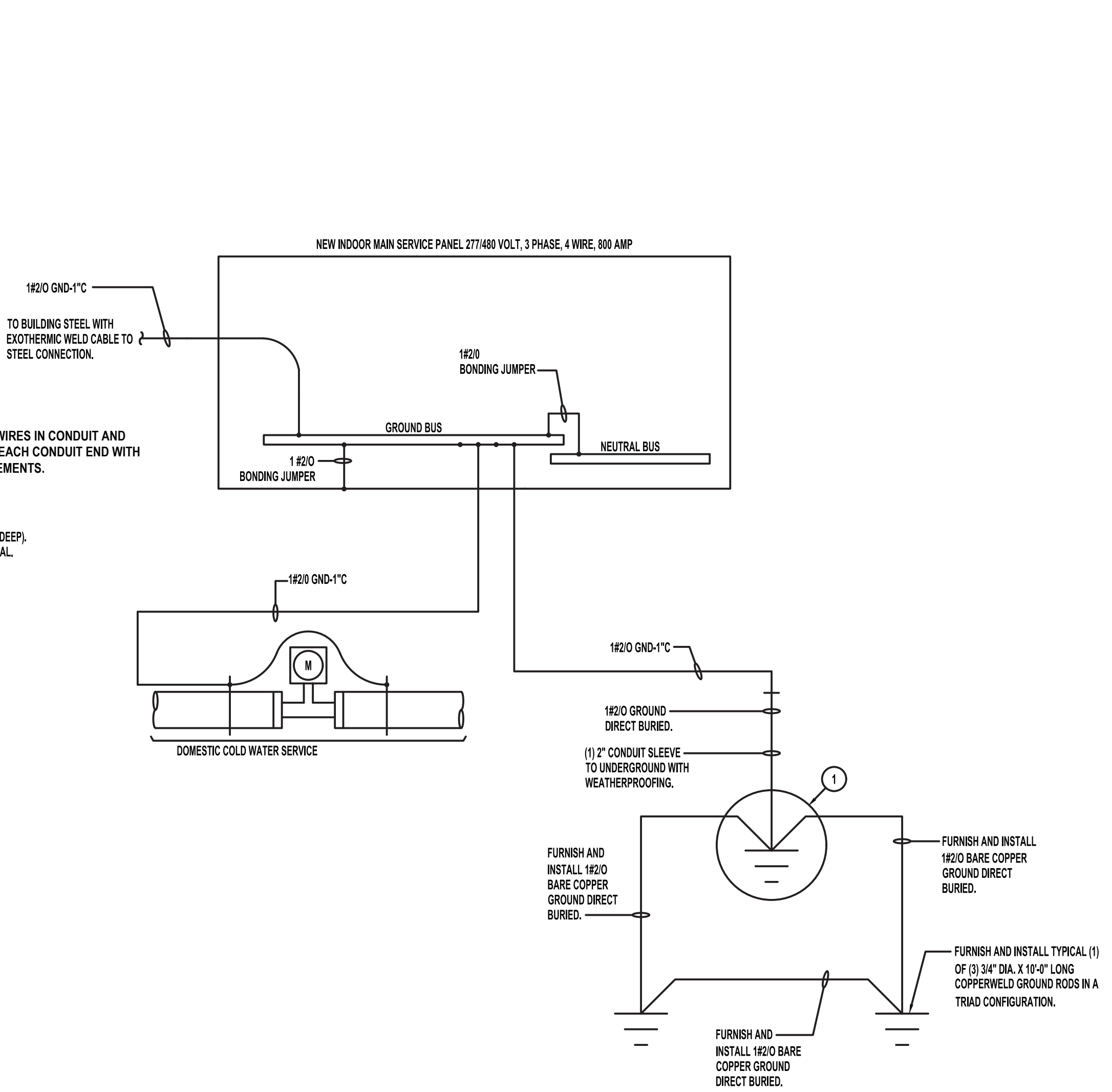


- \*\*NOTE: AT POINT CONTACT APPLY A 3/8" COVE BEAD OF SEALANT BETWEEN PIPE AND BOTH SURFACES OF WALL.**

## 2 HOUR RATED FIRESTOP

## FOR METALLIC CONDUIT THRU MASONRY WALLS

SCALE: NONE U.L. SYSTEM NUMBER C-AJ-1150




## SCALE: NONE



5 SCALE: NON

**CONSULTANTS:**



## JOHN CHRIS MORRIS III, P.E.

NY PROFESSIONAL ENGINEER LIC. NO. 067554

"IN ACCORDANCE WITH ARTICLE 160, SECTION 120(1) OF THE NEW YORK STATE LAW, ALTERATION OF THIS DOCUMENT EFFECTS BY LICENSEE PROFESSIONAL IS ILLEGAL."

06/01/2009  
 EXP. DATE

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SRF	SRF	SS	
PROJECT NO.	DATE	SCALE	AS SHOWN
WPSD2401	MAY 2025		

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## Renovations at Rochambeau Alternate High School



SED #66-22-00-01-0-015-020

CONTRACT	<b>CONTRACT E</b> <b>ELECTRICAL CONSTRUCTION</b>
STATUS	<b>FINAL BID DOCUMENT</b>
SHEET TITLE	<b>ELECTRICAL</b> <b>DETAILS</b>
DRAWING No.	<b>E 501.00</b>



