

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

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JOHN CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER (L.S. NO. 057654)

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**

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



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

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

**CONTRACT E
ELECTRICAL CONSTRUCTION**

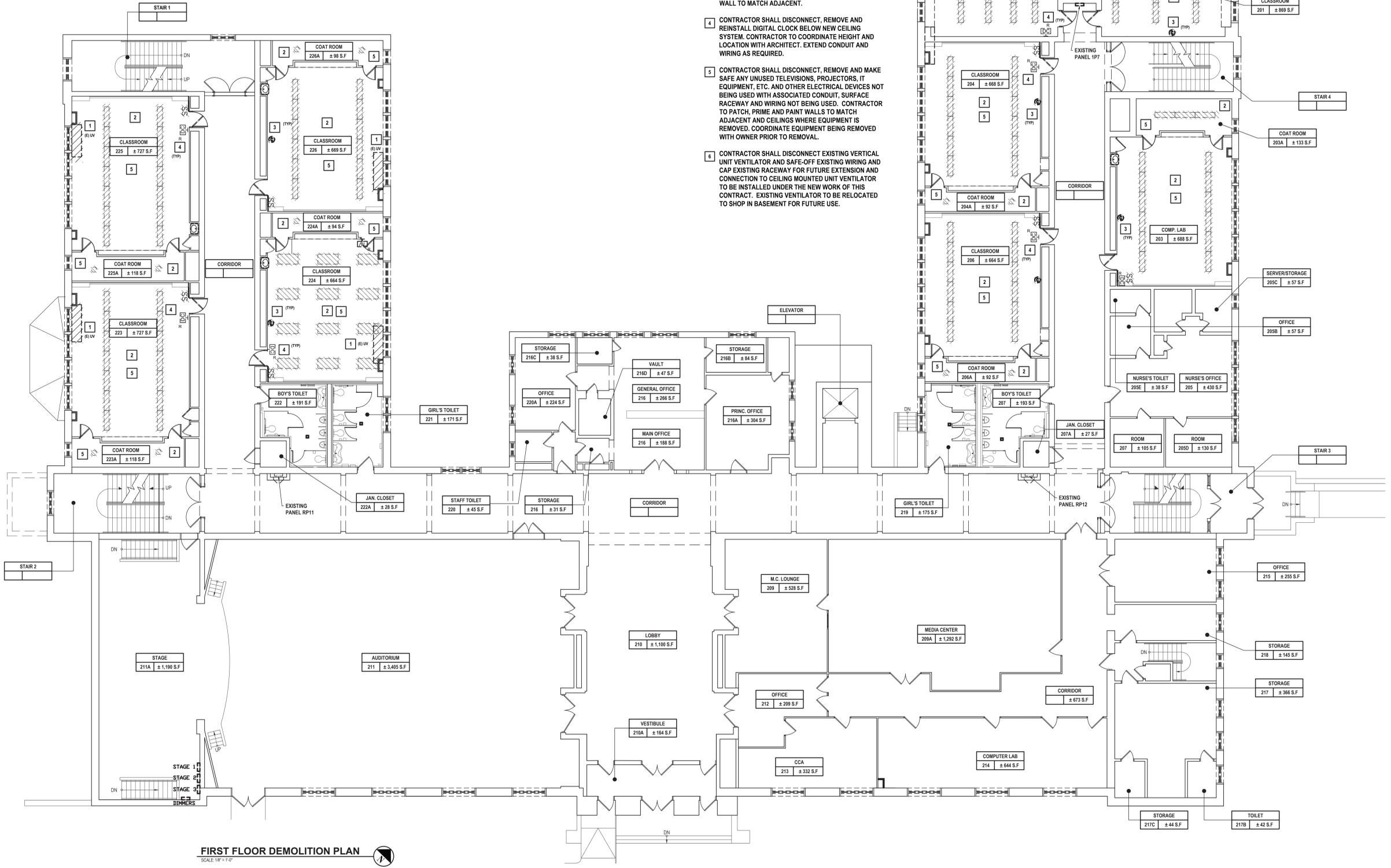
FINAL BID DOCUMENT

**FIRST FLOOR
DEMOLITION PLAN**

ED 102.00

- GENERAL NOTES:**
- SEE DRAWING E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
 - EXISTING CONDITIONS ARE BASED ON A LIMITED FIELD SURVEY. 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.
 - 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.

- DEMOLITION KEY NOTES:**
- 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.
 - 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.
 - CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING ANALOG CLOCK AND PATCH, PRIME AND PAINT WALL TO MATCH ADJACENT.
 - 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.
 - 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 CEILINGS WHERE EQUIPMENT IS REMOVED. COORDINATE EQUIPMENT BEING REMOVED WITH OWNER PRIOR TO REMOVAL.
 - CONTRACTOR SHALL DISCONNECT EXISTING VERTICAL UNIT VENTILATOR 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. EXISTING VENTILATOR TO BE RELOCATED TO SHOP IN BASEMENT FOR FUTURE USE.



CONSULTANTS:

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JOHN CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER License No. 007554

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
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White Plains, NY 10606

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

**CONTRACT E
ELECTRICAL CONSTRUCTION**

**STATUS
FINAL BID DOCUMENT**

**SHEET TITLE
GROUND FLOOR
PROPOSED PLAN**

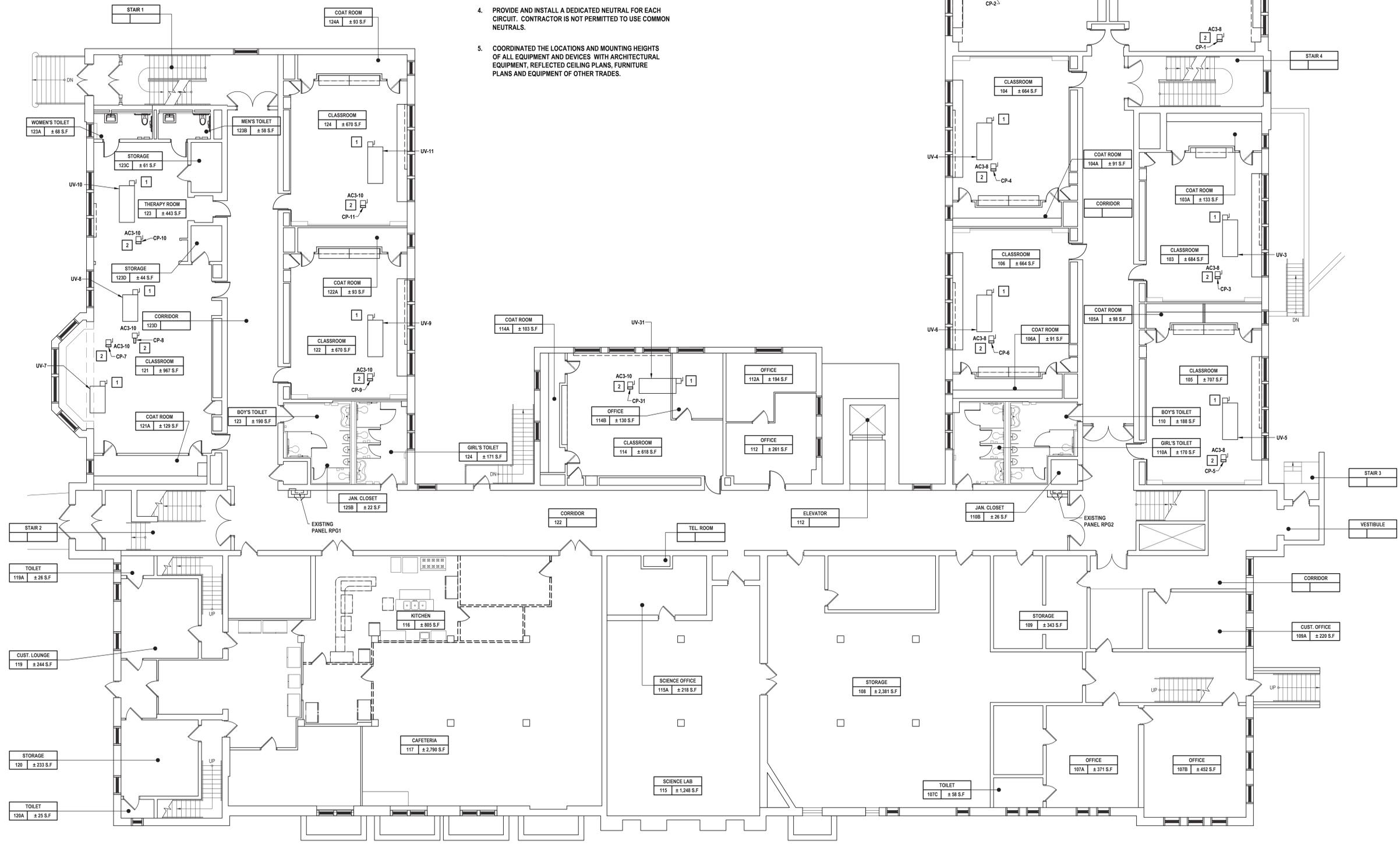
**DRAWING No.
E 101.00**

GENERAL NOTES:

- SEE DRAWING E 001 FOR ELECTRICAL LEGEND, SYMBOLS, ABBREVIATIONS, & GENERAL NOTES.
- 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.
- 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.
- PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.
- 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:

- NEW HORIZONTAL CEILING MOUNTED UNIT VENTILATOR. CONTRACTOR SHALL MODIFY/EXTEND EXISTING ELECTRICAL WIRING/RACEWAY THAT FED EXISTING FLOOR MOUNTED UNIT VENT SAFFED 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.
- 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"

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JOHN CHRIS MORRIS III, P.E.
NY PROFESSIONAL ENGINEER License No. 007554-1

DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED BY
SRF	SRF	SS	SS

PROJECT NO: WPSD2401 DATE: MAY 2025 SCALE: AS SHOWN

White Plains City School District

**Renovations at
Rochambeau Alternate
High School**



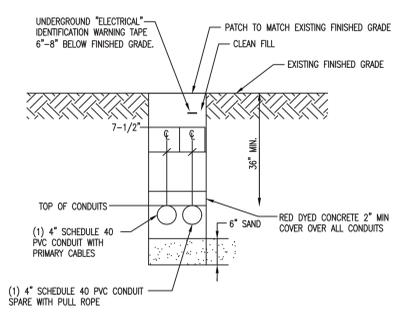
228 Fisher Avenue
White Plains, NY 10606
SED #66-22-00-01-0-015-020

**CONTRACT E
ELECTRICAL CONSTRUCTION**

**STATUS
FINAL BID DOCUMENT**

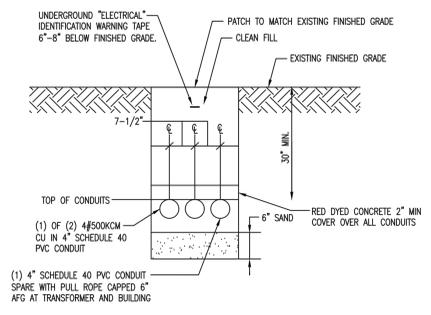
**SHEET TITLE
ELECTRICAL
SITE PLAN**

**DRAWING NO.
E 110.00**

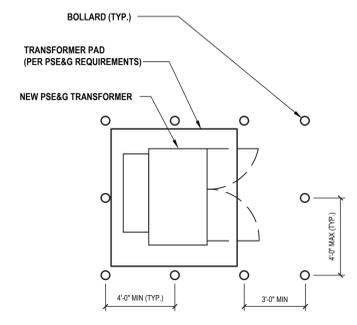


1 Primary Electric Service Conduit Duct Bank Detail
SCALE: NTS

PRIMARY CABLE SPECIFICATION:
All underground cable installations exceeding 600 volts shall have the following minimum cable specifications to meet PSEG Long Island requirements:
Each phase shall consist of a two-conductor #2 AWG copper or aluminum (minimum) 15kV shielded, fire-retardant cross-linked polyethylene or EPR insulation with an insulation thickness of 220 mils. Larger cable sizes may be installed with prior approval by PSEG Long Island. This cable must have a full concentric neutral of round or flatstrap copper wires, applied spirally over insulation shield layer. The cable must also be jacketed with an extruded-to-fill encapsulating 50 mil LLPE thermoplastic compound. The cable must be marked as per AEIC Specification # CS5.
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.

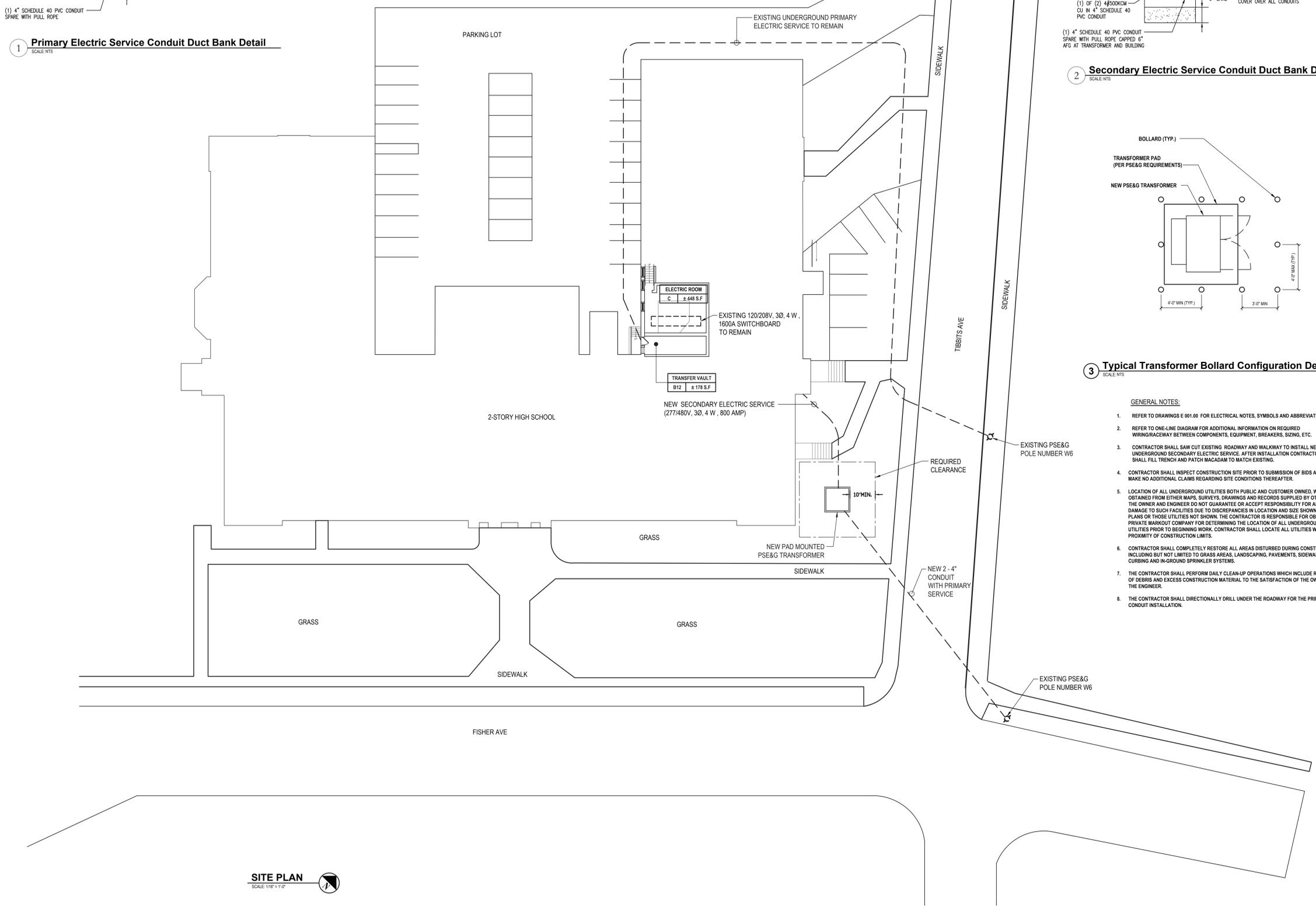


2 Secondary Electric Service Conduit Duct Bank Detail
SCALE: NTS



3 Typical Transformer Bollard Configuration Detail
SCALE: NTS

- GENERAL NOTES:**
- REFER TO DRAWINGS E 001.00 FOR ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS.
 - REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION ON REQUIRED WIRING/RACEWAY BETWEEN COMPONENTS, EQUIPMENT, BREAKERS, SIZING, ETC.
 - CONTRACTOR SHALL SAW CUT EXISTING ROADWAY AND WALKWAY TO INSTALL NEW UNDERGROUND SECONDARY ELECTRIC SERVICE. AFTER INSTALLATION CONTRACTOR SHALL FILL TRENCH AND PATCH MACADAM TO MATCH EXISTING.
 - CONTRACTOR SHALL INSPECT CONSTRUCTION SITE PRIOR TO SUBMISSION OF BIDS AND SHALL MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
 - LOCATION OF ALL UNDERGROUND UTILITIES BOTH PUBLIC AND CUSTOMER OWNED, WERE OBTAINED FROM EITHER MAPS, SURVEYS, DRAWINGS AND RECORDS SUPPLIED BY OTHERS. THE OWNER AND ENGINEER DO NOT GUARANTEE OR ACCEPT RESPONSIBILITY FOR ANY DAMAGE TO SUCH FACILITIES DUE TO DISCREPANCIES IN LOCATION AND SIZE SHOWN ON THE PLANS OR THOSE UTILITIES NOT SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING 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 LIMITS.
 - CONTRACTOR SHALL COMPLETELY RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO GRASS AREAS, LANDSCAPING, PAVEMENTS, SIDEWALKS, CURBING AND IN-GROUND SPRINKLER SYSTEMS.
 - 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.
 - THE CONTRACTOR SHALL DIRECTIONALLY DRILL UNDER THE ROADWAY FOR THE PRIMARY CONDUIT INSTALLATION.



SITE PLAN
SCALE: 1/16" = 1'-0"

W:\PSD\White Plains\City School District - 2025\WPSD 2401 - Rochambeau Alt High School\Task Model\Rev 25_2025 - 23Sheet\Production May 25_2025 - 10Sheet\Drawings

