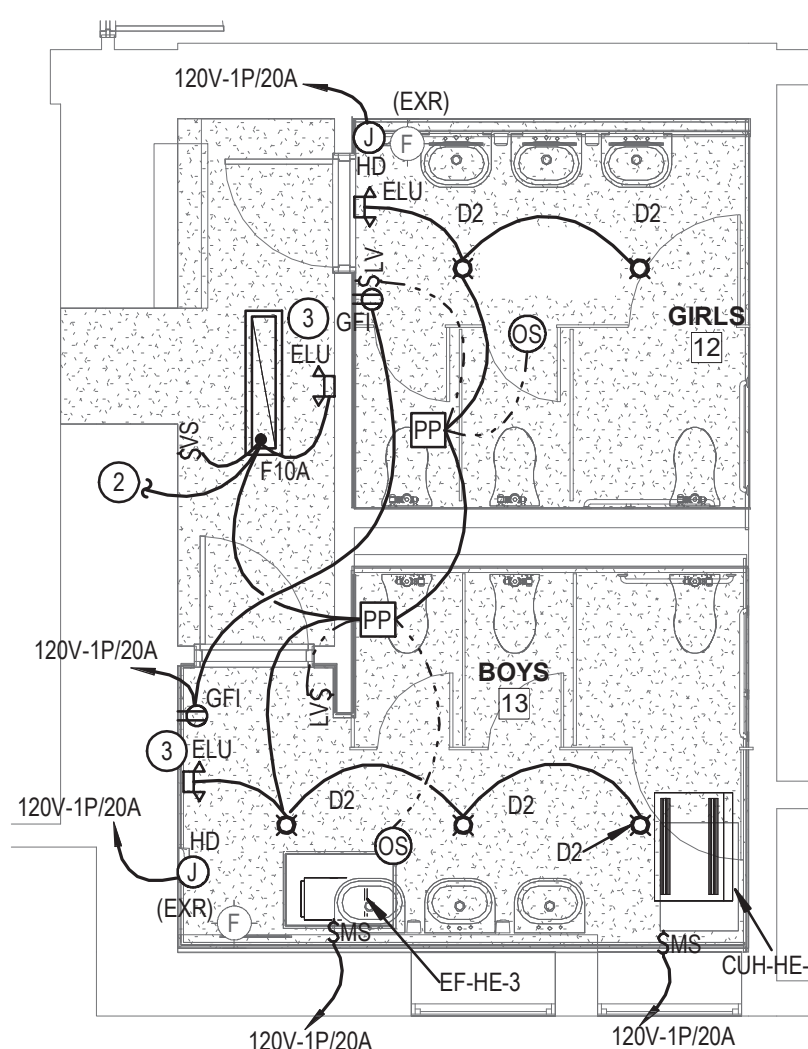
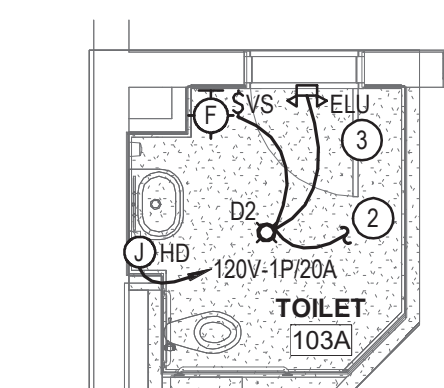
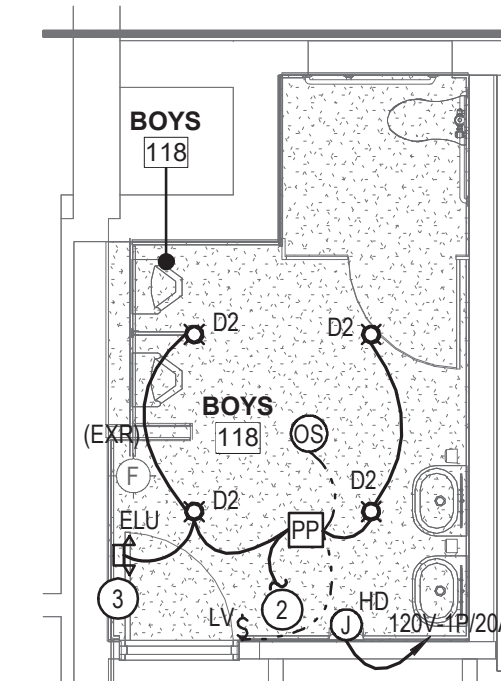
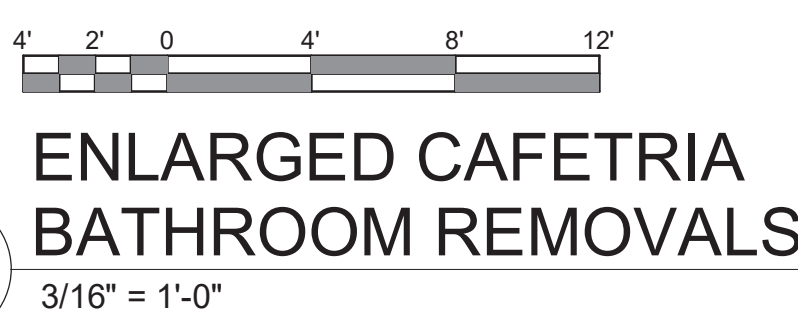
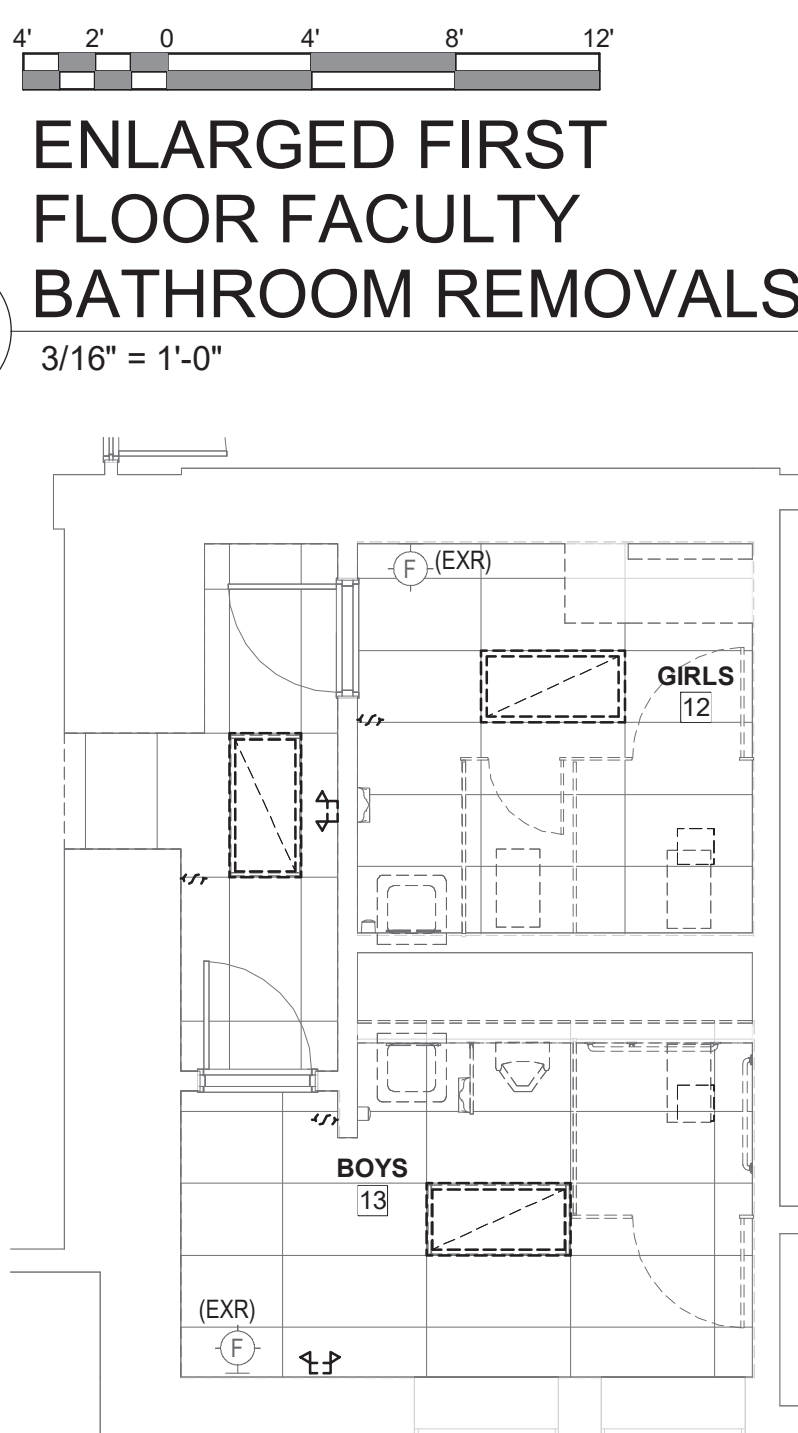
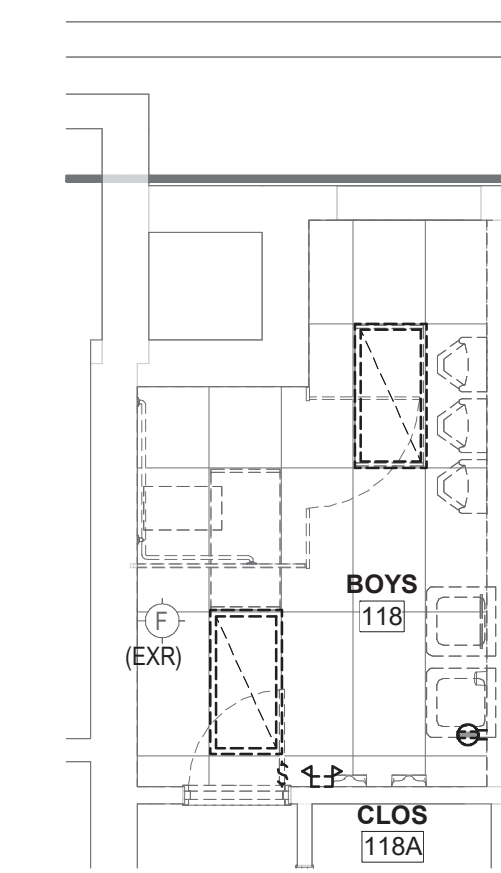
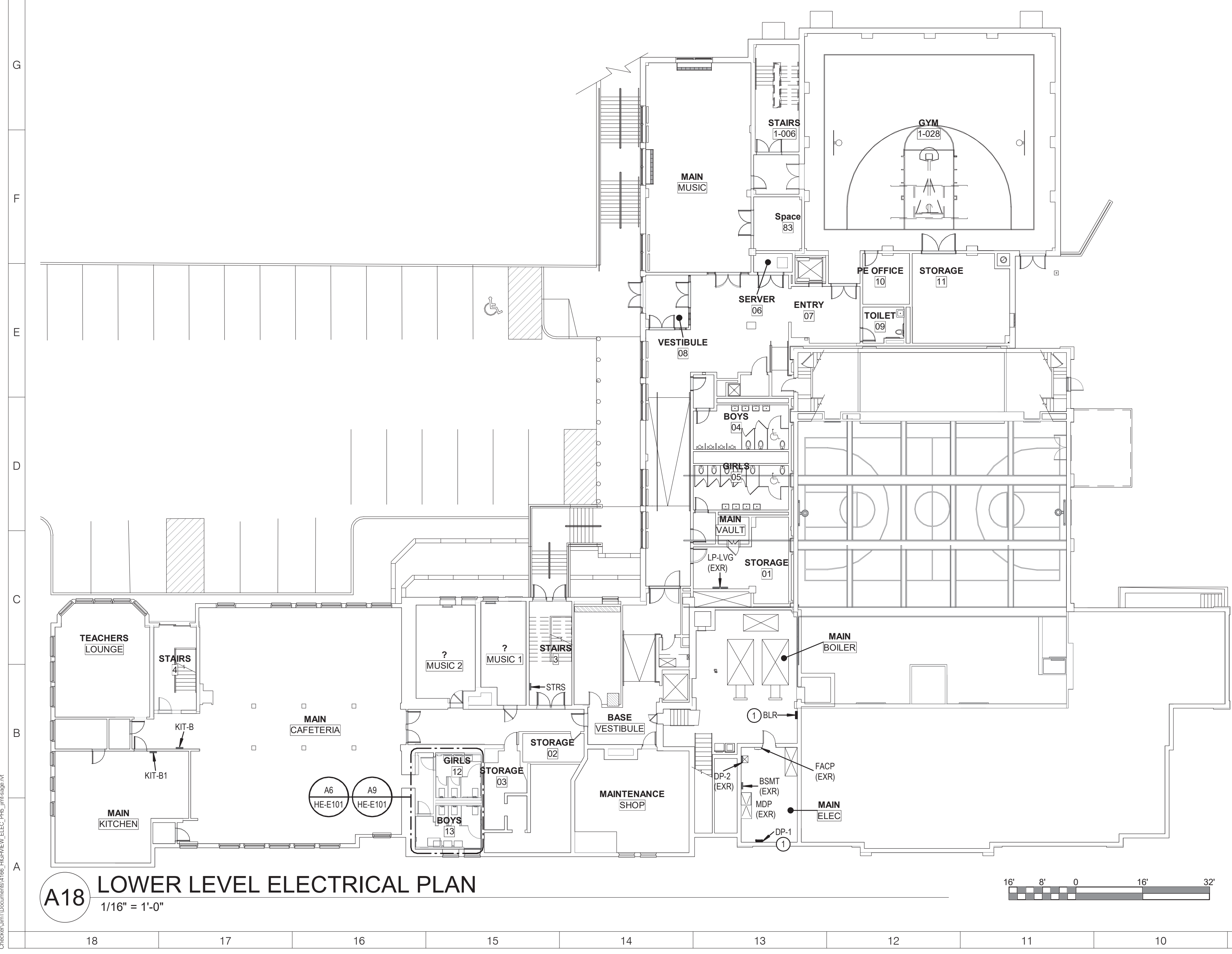
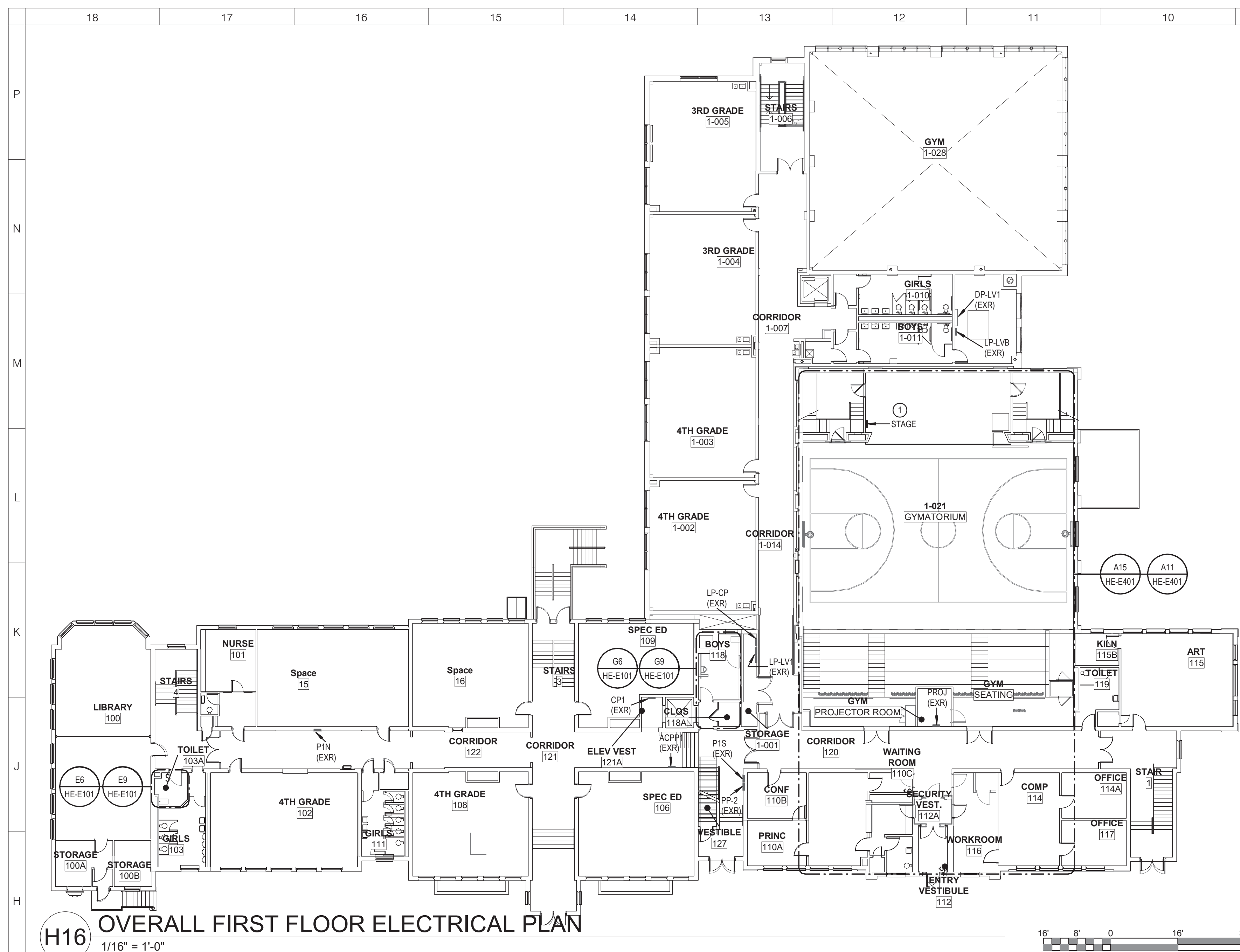




GENERAL NOTES:

1. SEE HE-E001 FOR GENRAL PROJECT NOTES.

KEYED NOTES:

- ① REPLACE PANEL. SEE RISER DIAGRAM PANEL SCHEDULE DRAWINGS FOR MORE INFORMATION.
- ② CONNECT TO EXISTING LIGHTING CIRCUIT THAT FEEDS AREA.
- ③ PROVIDE EMERGENCY LIGHTING UNIT "ELU" AND CONNECT TO EXISTING CIRCUIT THAT FEEDS LIGHTING AHEAD OF SWITCHING.

LIGHTING CONTROL NARRATIVE:

- WHERE SHOWN WITH WALL MOUNTED VACANCY SENSORS, LIGHTS ARE MANUAL ON, AUTOMATIC OFF AFTER 20 MINUTES WHEN NO MOTION IS DETECTED.
- FOR BATHROOMS WITH CEILING MOUNTED OCCUPANCY SENSORS, LIGHTS ARE AUTOMATIC ON TO 100%, AUTOMATIC OFF AFTER 20 MINUTES, WITH MANUAL WALL CONTROL.
- FOR LOUNGES WITH CEILING MOUNTED OCCUPANCY SENSORS, LIGHTS ARE AUTOMATIC ON TO 50%, AUTOMATIC OFF AFTER 20 MINUTES, WITH MANUAL WALL CONTROL DIMMER.
- FOR CORRIDORS WITH CEILING MOUNTED OCCUPANCY SENSORS, LIGHTS ARE AUTOMATIC ON TO 100%, AUTOMATIC OFF AFTER 20 MINUTES, WITH MANUAL WALL CONTROL ON/OFF.



NUFSD BOND
PROJECT
PHASE 5 -
HIGHVIEW

- SED#50-01-08-03-0-002-020 (HIGHVIEW ES)
SED#50-01-08-03-7-007-002 (Maintenance)
SED#50-01-08-03-7-012-004 (OEC)
SED#50-01-08-03-0-001-026 (MILLER ES)
SED#50-01-08-03-0-004-022 (BARR MS)

Highview Elementary School
24 Highview Ave
Nanuet, NY 10954

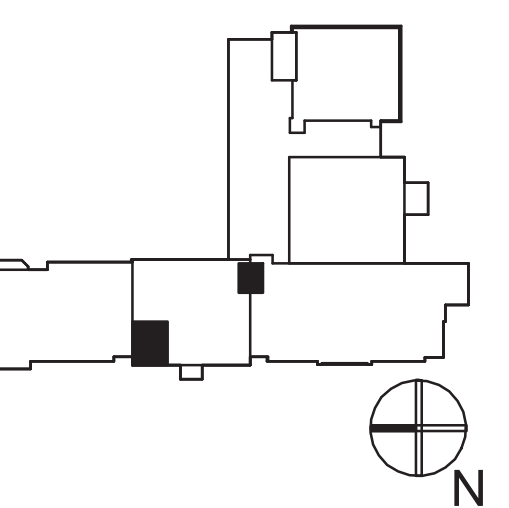
DEC Building
35 Convent Rd
Hannett, NY 10954

Maintenance Building
103 Church St.
Nanuet, NY 10954

Miller Elementary School
50 Blauvelt Rd Unit1
Nanuet, NY 10954

MacArthur Barr Middle School
143 Church St
Nanuet, NY 10954

KEY PLAN



REVISIONS		
No.	Description	Date
1	SED ADD #1	11/06/24

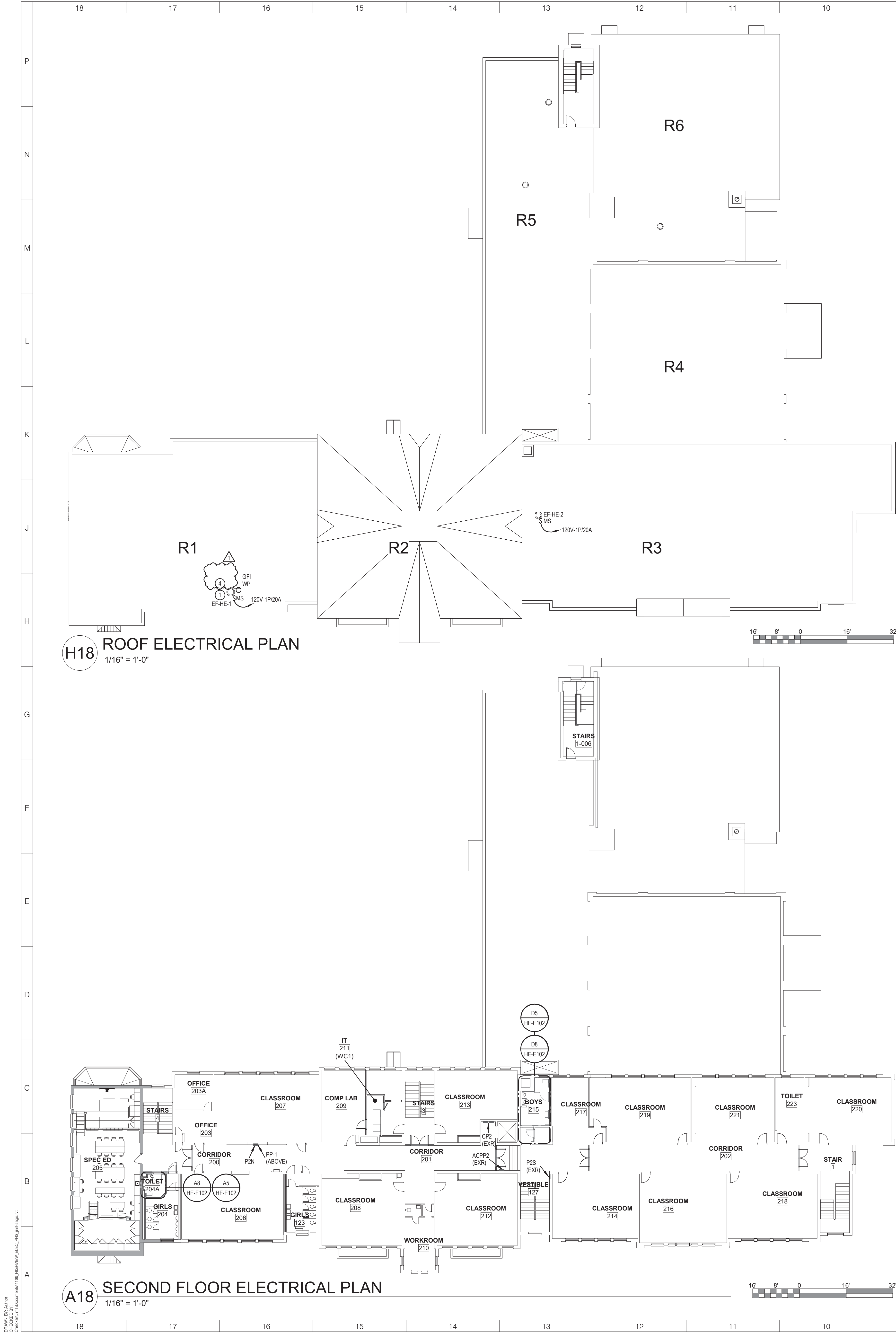
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DATE: 06/21/2024

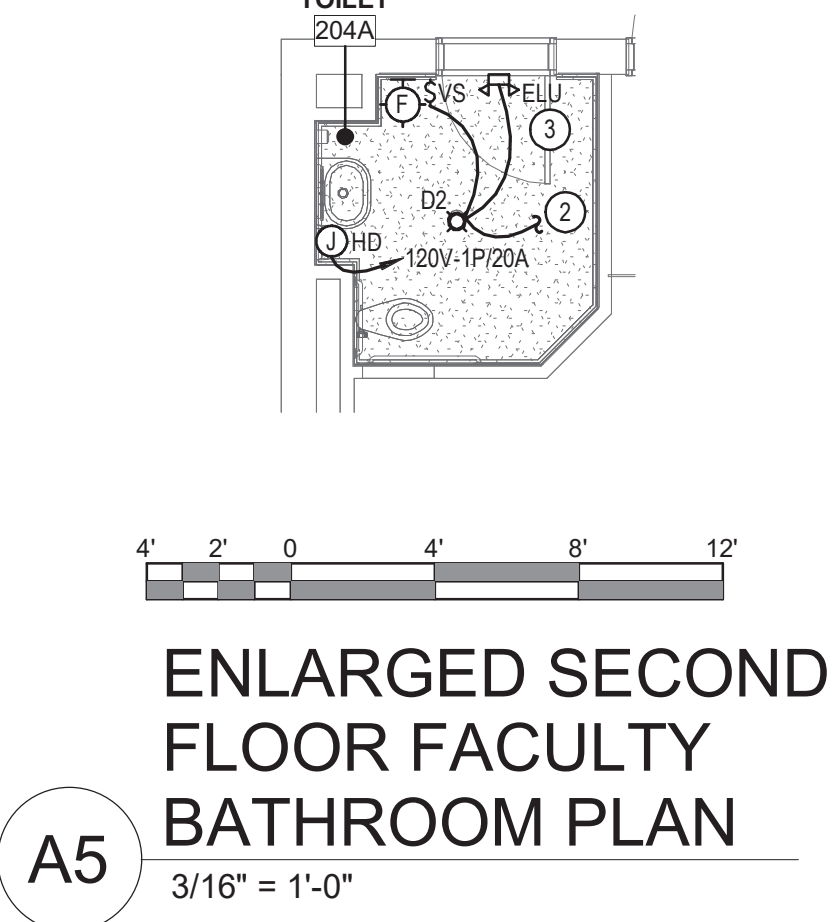
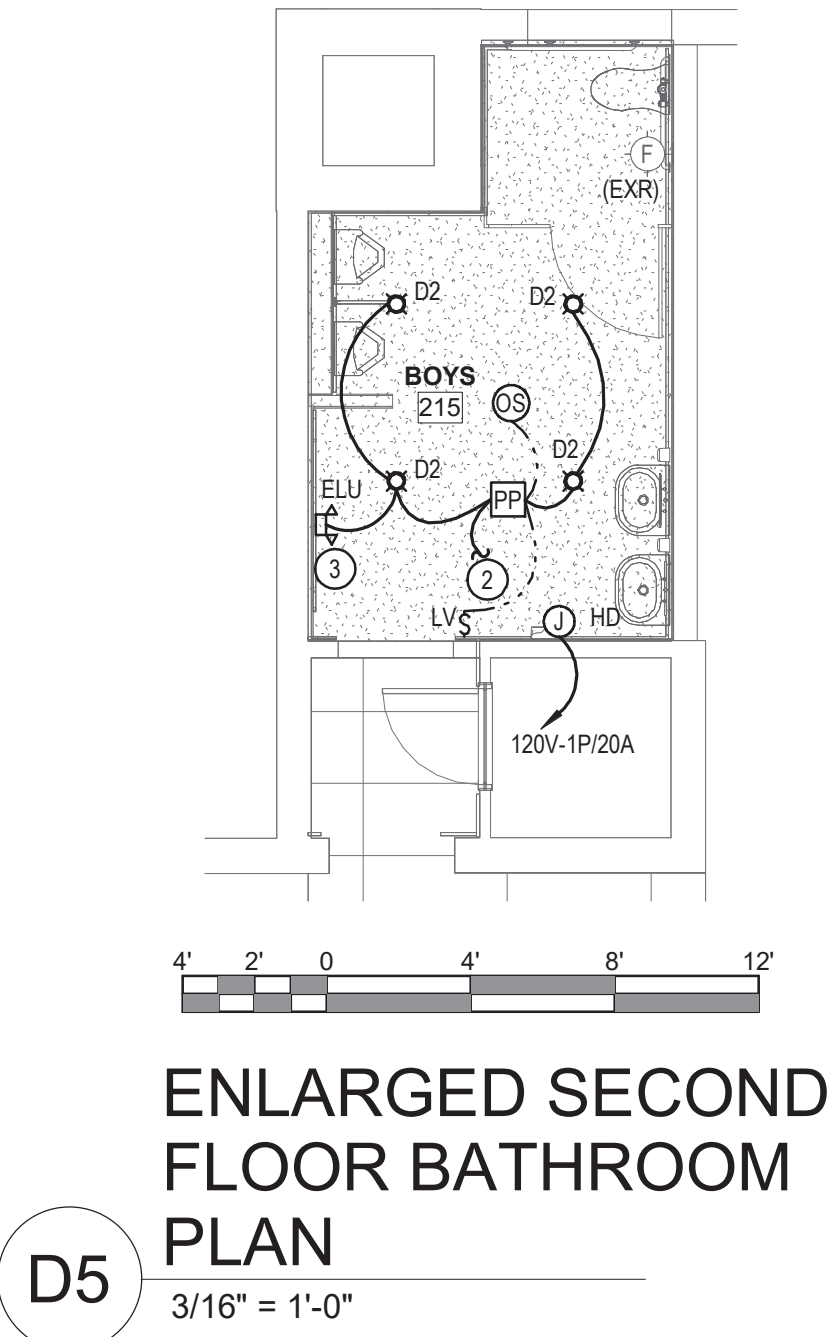
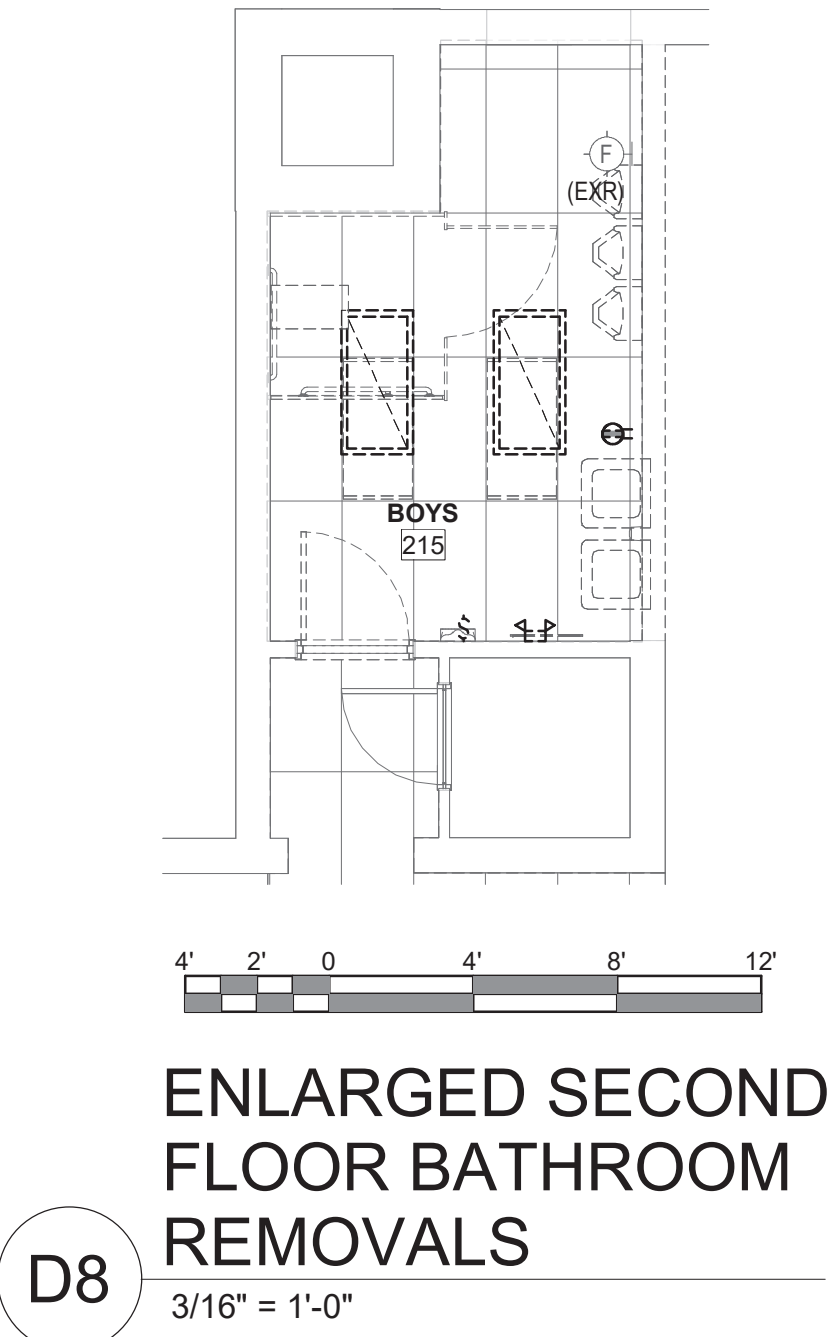
SCALE: AS NOTED

SHEET NAME:
OVERALL LOWER LEVEL
AND FIRST FLOOR
ELECTRICAL PLANS

HE-E101



- GENERAL NOTES:**
- SEE HE-E001 FOR GENERAL PROJECT NOTES.
- KEYED NOTES:**
- DISCONNECT AND REMOVE EXISTING EXHAUST FAN PRESERVE CIRCUITING FOR REUSE, COORDINATE REMOVALS WITH MECHANICAL CONTRACT. RECONNECT CIRCUIT TO REPLACEMENT EXHAUST FAN.
 - CONNECT TO EXISTING LIGHTING CIRCUIT THAT FEEDS AREA.
 - PROVIDE EMERGENCY LIGHTING UNIT "ELU" AND CONNECT TO EXISTING CIRCUIT THAT FEEDS LIGHTING AHEAD OF SWITCHING.
 - PROVIDE FIRE ALARM CONTROL RELAY TO SHUT DOWN INDICATED HVAC EQUIPMENT UPON ALARM OF FIRE ALARM SYSTEM.
- LIGHTING CONTROL NARRATIVE**
- WHERE SHOWN WITH WALL MOUNTED VACANCY SENSORS, LIGHTS ARE MANUAL ON, AUTOMATIC OFF AFTER 20 MINUTES WHEN NO MOTION IS DETECTED.
 - FOR BATHROOMS WITH CEILING MOUNTED OCCUPANCY SENSORS, LIGHTS ARE AUTOMATIC ON TO 100%, AUTOMATIC OFF AFTER 20 MINUTES, WITH MANUAL WALL CONTROL.
 - FOR LOUNGES WITH CEILING MOUNTED OCCUPANCY SENSORS, LIGHTS ARE AUTOMATIC ON TO 50%, AUTOMATIC OFF AFTER 20 MINUTES, WITH MANUAL WALL CONTROL DIMMER.
 - FOR CORRIDORS WITH CEILING MOUNTED OCCUPANCY SENSORS, LIGHTS ARE AUTOMATIC ON TO 100%, AUTOMATIC OFF AFTER 20 MINUTES, WITH MANUAL WALL CONTROL ON/OFF.



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MEP Engineer

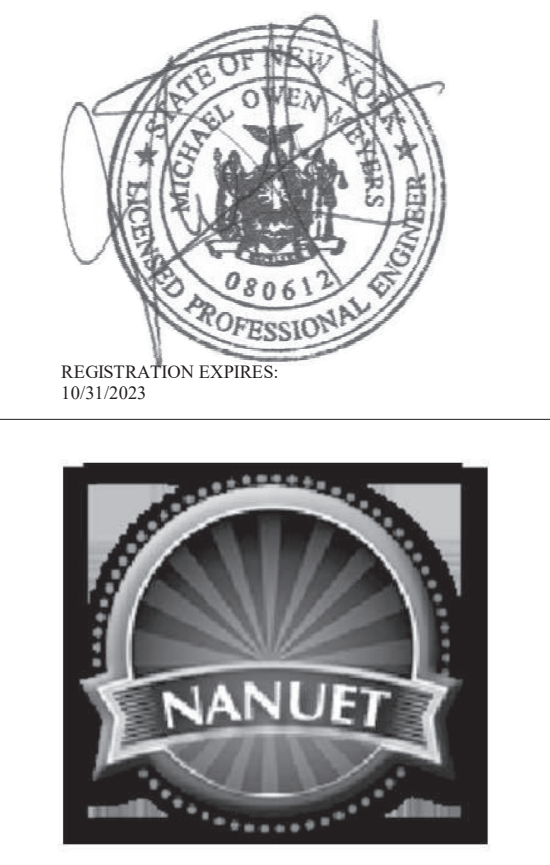
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Environmental Engineer

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Wappingers Falls, NY 12590
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www.qualityenv.com

Construction Manager

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24th Floor, Suite 2400
New York, NY 10119
646.906.6550
www.jacobs.com



NUFSD BOND PROJECT PHASE 5 - HIGHVIEW

SED#50-01-08-03-0-002-020 (HIGHVIEW ES)
SED#50-01-08-03-0-003-002 (Maintenance)
SED#50-01-08-03-0-004-004 (OEC)
SED#50-01-08-03-0-001-028 (MILLER ES)
SED#50-01-08-03-0-004-022 (BARR MG)

Highview Elementary School
24 Highview Ave
Nanuet, NY 10954

OEC Building
135 Convent Rd
Nanuet, NY 10954

Maintenance Building
103 Church St.
Nanuet, NY 10954

Miller Elementary School
50 Blauvelt Rd Unit 1
Nanuet, NY 10954

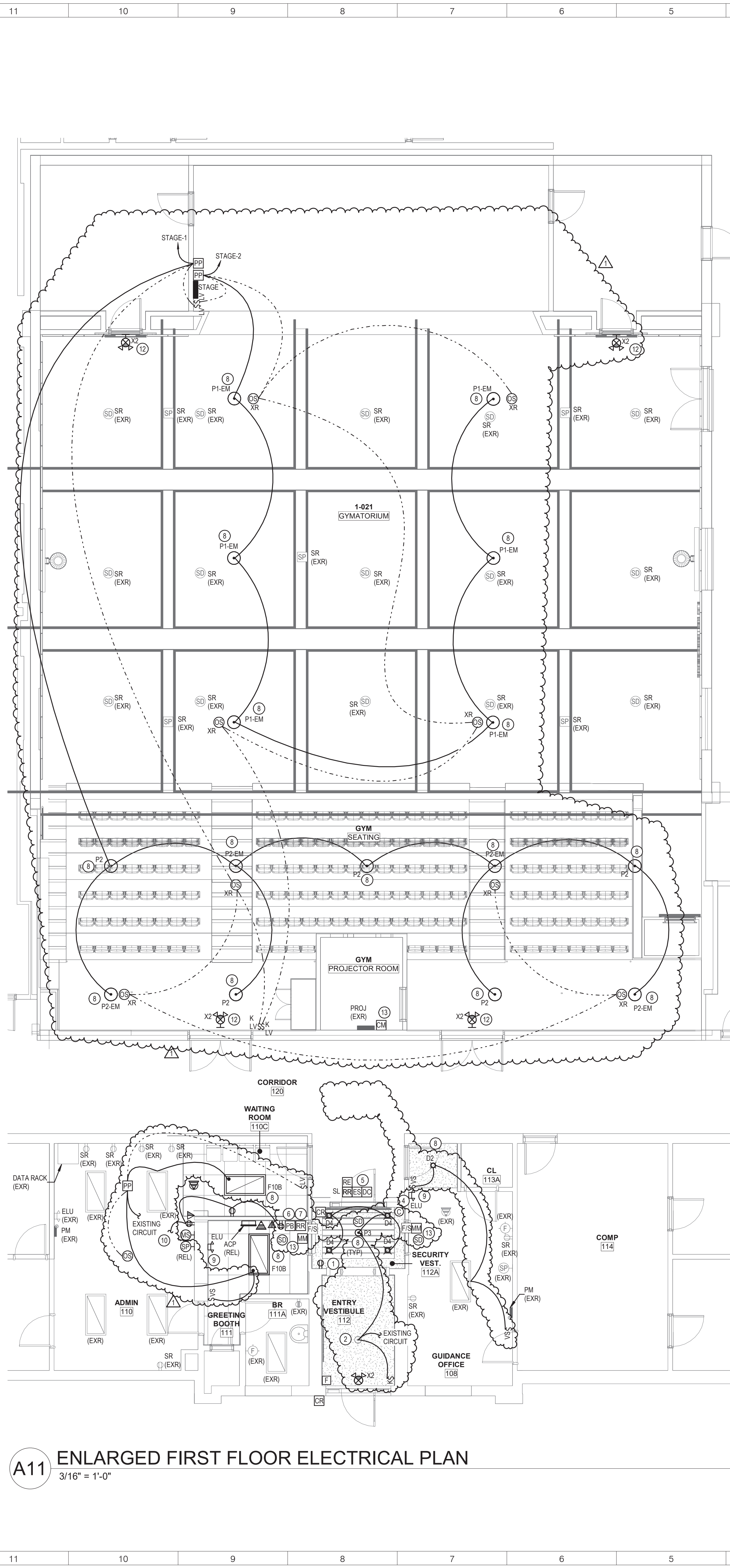
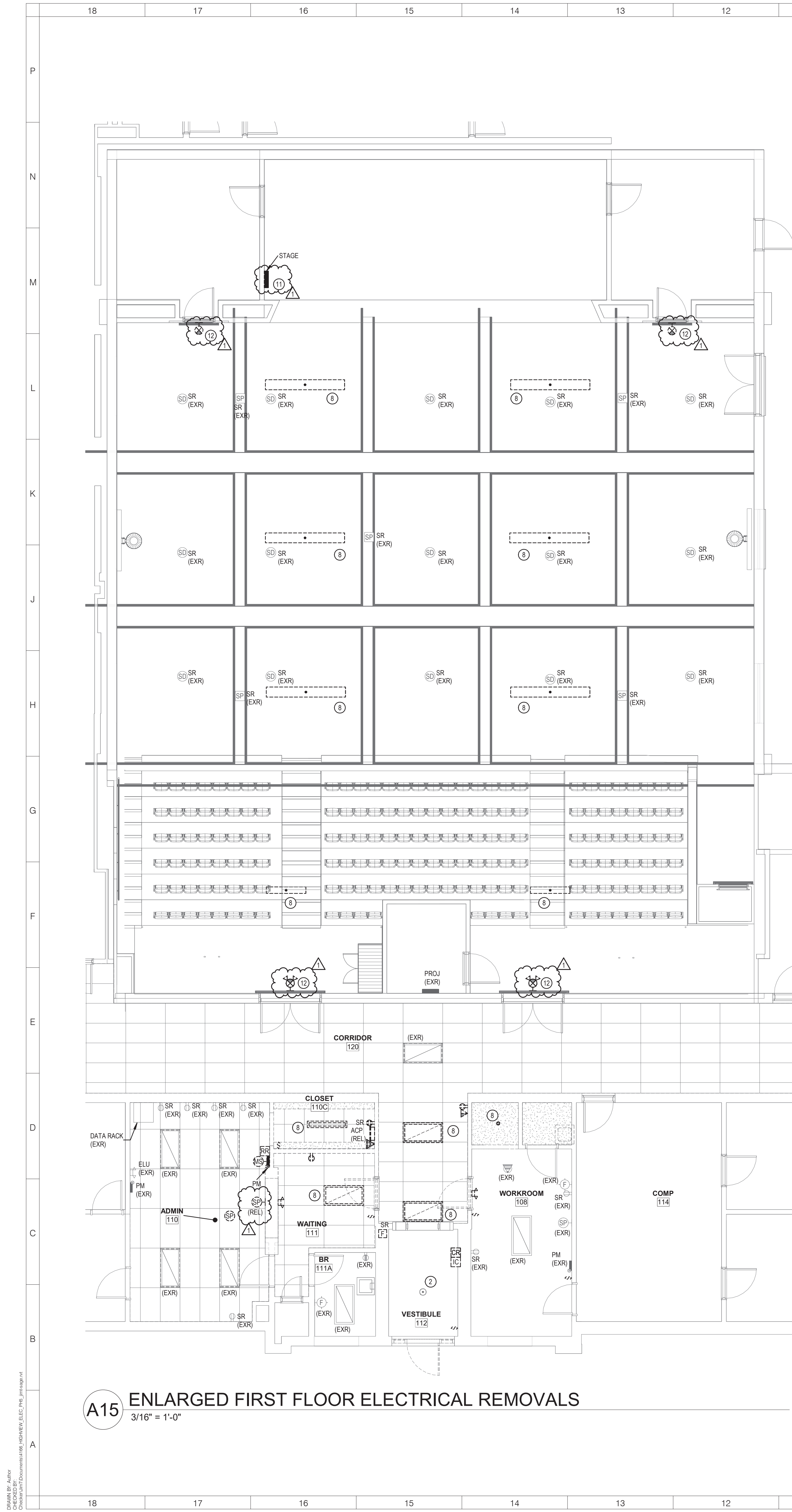
A MacArthur Barr Middle School
143 Church St
Nanuet, NY 10954

KEY PLAN

REVISIONS

No.	Description	Date
1	SED ADD #1	11/06/24

ISSUED: BID SET
DATE: 06/21/2024
SCALE: AS NOTED
SHEET NAME: OVERALL SECOND FLOOR AND ROOF ELECTRICAL PLANS
SHEET NUMBER: HE-E102



GENERAL NOTES:

1. SEE HE-E001 FOR GENERAL PROJECT NOTES.

KEYED NOTES:

1. ALL RECEPTACLES REPLACED IN MAIN LOBBY TO HAVE BRONZE FINISH FACEPLATES. COORDINATE WITH ARCHITECTURAL DRAWINGS.
2. CLEAN, REUSE EXISTING PENDANT LIGHT. REMOVE ORIGINAL CONDUCTORS SERVING FIXTURES BACK TO SOURCE.
4. PROVIDE POE CAMERA AXIS P2025-LVE 9MM AND 1 CAT 6 CABLE TO CLOSEST DATA COSET CAMERA SERVER. OBTAIN PROGRAMMING SERVICES FROM THE DISTRICT'S PREFERRED ACCESS CONTROL VENDOR A+ TECHNOLOGY & SECURITY SOLUTIONS TO MAKE FINAL CONNECTIONS AND ADD AND PROGRAM THE CAMERA INTO THE EXISTING VIDEO SYSTEM.
5. PROVIDE WIRING FROM ACCESS CONTROL PANEL TO DOOR CONTACTS. REQUEST TO EXIT, ELECTRIC STRIKE, AND CARD READER. OBTAIN THE SERVICES OF THE DISTRICT'S PREFERRED ACCESS CONTROL VENDOR A+ TECHNOLOGY & SECURITY SOLUTIONS TO PROGRAM THE SYSTEM FOR THE NEW OPENING. PROVIDE PRODUCTS FROM GALLAGHER: DOOR CONTROLLER 6000, LOCK CONTROLLER C8, BUS MODULE 4HUBS, CABINET & 6A POWER SUPPLY UNIT, AND T15 CARD READER. PROVIDE EDWARDS MAGNETIC DOOR CONTACTS. PROVIDE 184 AND Z26 STRANDED SHIELDED CABLES BACK TO CLOSEST DATA ROOM.
6. PROVIDE VIDEO INTERCOM SYSTEM, DOOR REMOTE RELEASE, AND PANIC BUTTON WIRED TO DIRECT DIAL THE LOCAL POLICE DEPARTMENT. VIDEO INTERCOM AND REMOTE RELEASE CAN BE COMBINED INTO A SINGLE SYSTEM, (AXIS A8004-VE).
7. PROVIDE "CONTACT" STS-K071 SPEAKER AND MICROPHONE POD SYSTEM FOR SECURITY VESTIBULE. INSTALL PER MANUFACTURER'S INSTRUCTIONS. LOCATE AMPLIFIER UNDER SECURE SIDE DESK AND PLUG INTO EXISTING RECEPTACLE. PROVIDE ADDITIONAL 1" GROMMET FOR PASS THROUGH WIRING. CONNECT MIC AND SPEAKER USING FACTORY SUPPLIED WIRING ON SECURE SIDE TO AMP. LOCATE MIC AND SPEAKER ON VISITOR SIDE AND RUN WIRING THROUGH PASS THROUGH WINDOW LOCATING MIC ONE SIDE OF COUNTER AND SPEAKER ON THE OTHER SIDE OF THE COUNTER. NEATLY TRAIN AND LACE CABLES ALONG CORNERS.
8. REMOVE EXISTING LIGHT FIXTURE. PROVIDE NEW LIGHT FIXTURE. AND FLUSH MOUNTED JUNCTION BOX TO SUPPORT FIXTURE. CONSTRUCTION CONTRACT WILL REMOVE 2X2 PORTION OF THE CEILING TO ALLOW INSTALLATION OF JUNCTION BOX. PROVIDE WIRING FROM PANEL STAGE. FISH MC CABLE ABOVE CEILING FROM FIXTURE TO FIXTURE. PROVIDE UN-SWITCHED HOT AS FIXTURES CONTAIN AN INTEGRAL BATTERY PACK.
9. PROVIDE EMERGENCY LIGHTING UNIT "ELU" AND CONNECT TO EXISTING CIRCUIT THAT FEEDS LIGHTING AHEAD OF SWITCHING.
10. CONNECT TO EXISTING RECEPTACLE CIRCUIT THAT FEEDS AREA.
11. REMOVE EXISTING REMOTE BALLASTS, CONTACTORS, AND ABANDONED WIRING RACEWAYS/STROUGHS ABOVE PANELBOARD.
12. REPLACE EXISTING EXIT AND EXIT/RELU COMBINATION UNITS. REUSE EXISTING CIRCUIT. CONNECT TO CIRCUIT SERVING LIGHTING IN THAT AREA.
13. PROVIDE CONTROL MODULE FOR FIRE SMOKE DAMPERS. CONNECT 120 VOLT CIRCUIT TO FIRE SMOKE DAMPERS VIA CONTROL MODULE. UPON ALARM OF ADJACENT SMOKE DETECTOR, FIRE SMOKE DAMPERS SHALL CLOSE. OPERATION IS HELD OPEN WITH POWER, CLOSE ON LOSS OF POWER (FAIL SAFE).

LIGHTING CONTROL NARRATIVE:

- WHERE SHOWN WITH WALL MOUNTED VACANCY SENSORS, LIGHTS ARE MANUAL ON, AUTOMATIC OFF AFTER 20 MINUTES WHEN NO MOTION IS DETECTED.
- FOR BATHROOMS WITH CEILING MOUNTED OCCUPANCY SENSORS, LIGHTS ARE AUTOMATIC ON TO 100%, AUTOMATIC OFF AFTER 20 MINUTES, WITH MANUAL WALL CONTROL.
- FOR ENCLOSED OFFICES WITH CEILING MOUNTED OCCUPANCY SENSORS, LIGHTS ARE MANUAL ON, AUTOMATIC OFF AFTER 20 MINUTES WHEN NO MOTION IS DETECTED.
- FOR AREAS WITH CEILING MOUNTED OCCUPANCY SENSORS, LIGHTS ARE MANUAL ON VIA LOW VOLTAGE SWITCHES, AUTOMATIC OFF AFTER 20 MINUTES WHEN NO MOTION IS DETECTED.

ARCHITECT

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MEP ENGINEER (NY REG. NO. 00000000000000000000)

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www.qualityenv.com

Construction Manager

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New York, NY 10119
646.906.6550
www.jacobs.com



REGISTRATION EXPIRES:
10/31/2023



NUFSD BOND PROJECT PHASE 5 - HIGHVIEW

SED#50-01-08-03-0-002-020 (HIGHVIEW ES)
SED#50-01-08-03-0-001-002 (Maintenance)
SED#50-01-08-03-0-012-004 (OEC)
SED#50-01-08-03-0-001-028 (MILLER ES)
SED#50-01-08-03-0-004-022 (BARR MG)

Highview Elementary School

24 Highview Ave
Nanuet, NY 10954

OEC Building

135 Convent Rd
Nanuet, NY 10954

Maintenance Building

103 Church St.
Nanuet, NY 10954

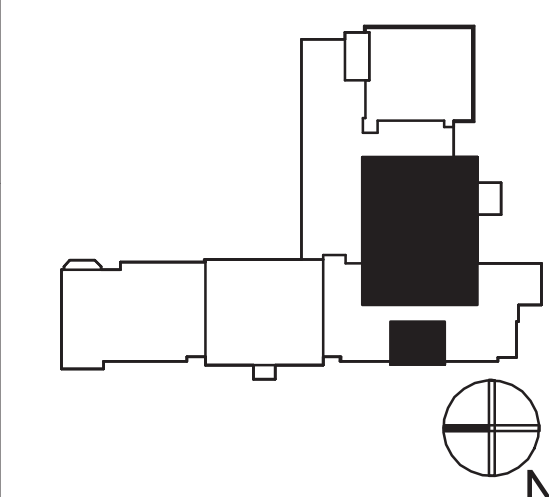
Miller Elementary School

50 Blauvelt Rd Unit 1
Nanuet, NY 10954

A MacArthur Barr Middle School

143 Church St
Nanuet, NY 10954

KEY PLAN



REVISIONS

No.	Description	Date
1	SED ADD #1	11/06/24

ISSUED: BID SET

DATE: 06/21/2024

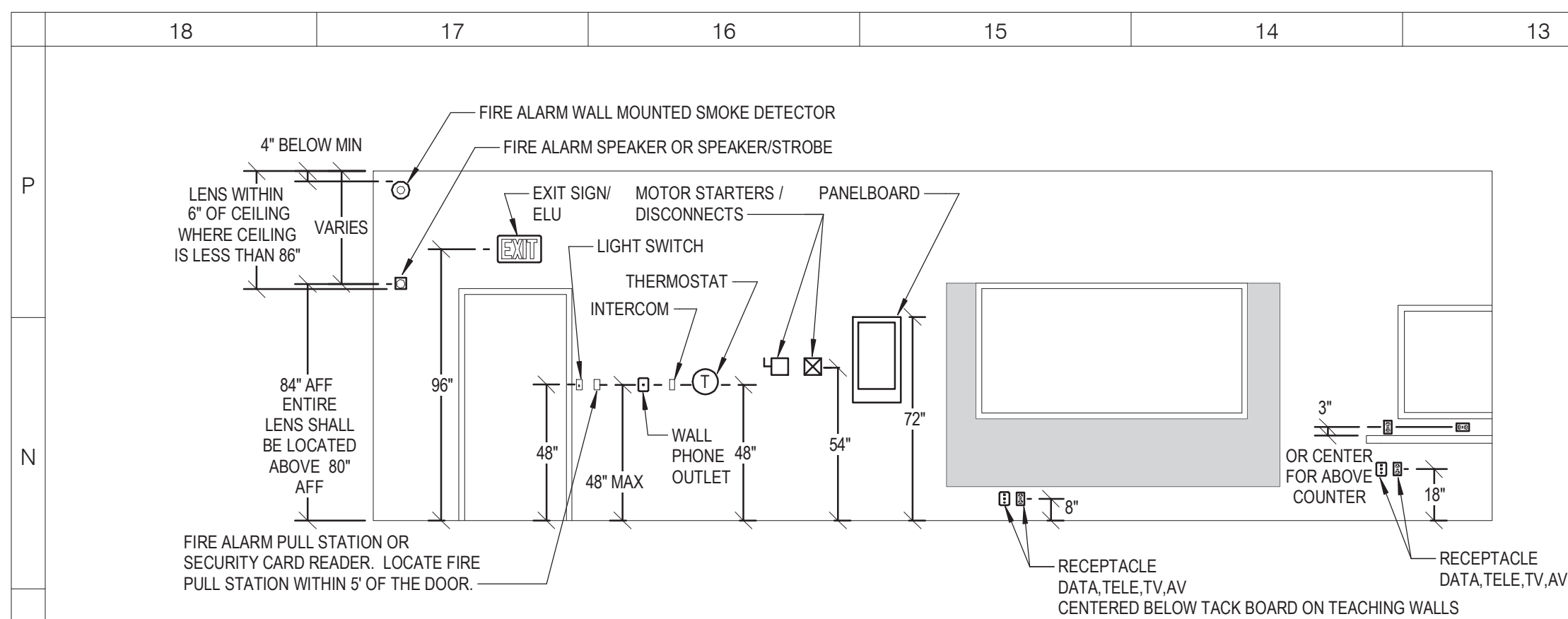
SCALE: AS NOTED

SHEET NAME:
ENLARGED ELECTRICAL PLANS

SHEET NUMBER:

HE-E401

ISSUE FOR BID SET



1. THE ABOVE MOUNTING HEIGHTS SHALL APPLY TO ALL DEVICES UNLESS NOTED OTHERWISE ON THE PLANS. ALL NOTED DIMENSIONS ARE TO THE CENTERLINE OF THE DEVICE FROM THE FINISHED FLOOR UNLESS NOTED OTHERWISE.
2. WHERE SPECIAL CONDITIONS PREVENT THE INSTALLATION OF DEVICES AT THE ABOVE HEIGHTS, THE EC SHALL VERIFY HEIGHTS ON SITE WITH THE ARCHITECT.
3. THE EC SHALL VERIFY FINAL WORKBENCH, COUNTER, CABINET OR VANITY HEIGHTS INCLUDING BACK SPLASH, ON SITE WITH THE GC PRIOR TO THE INSTALLATION OF ANY BOXES.
4. WHERE DEVICES ARE INSTALLED ABOVE OR BELOW EACH OTHER ALL DEVICE BOXES SHALL ALIGN VERTICALLY.
5. WHERE DEVICES RE INSTALLED ON EACH SIDE OF A RATED WALL THE DEVICES SHALL BE OFFSET.

EQUIPMENT NAME
XXX VOLTS, X PH, X WIRE
FED FROM PANEL XXX
CIRCUIT XX, XX, XX

NOTES:

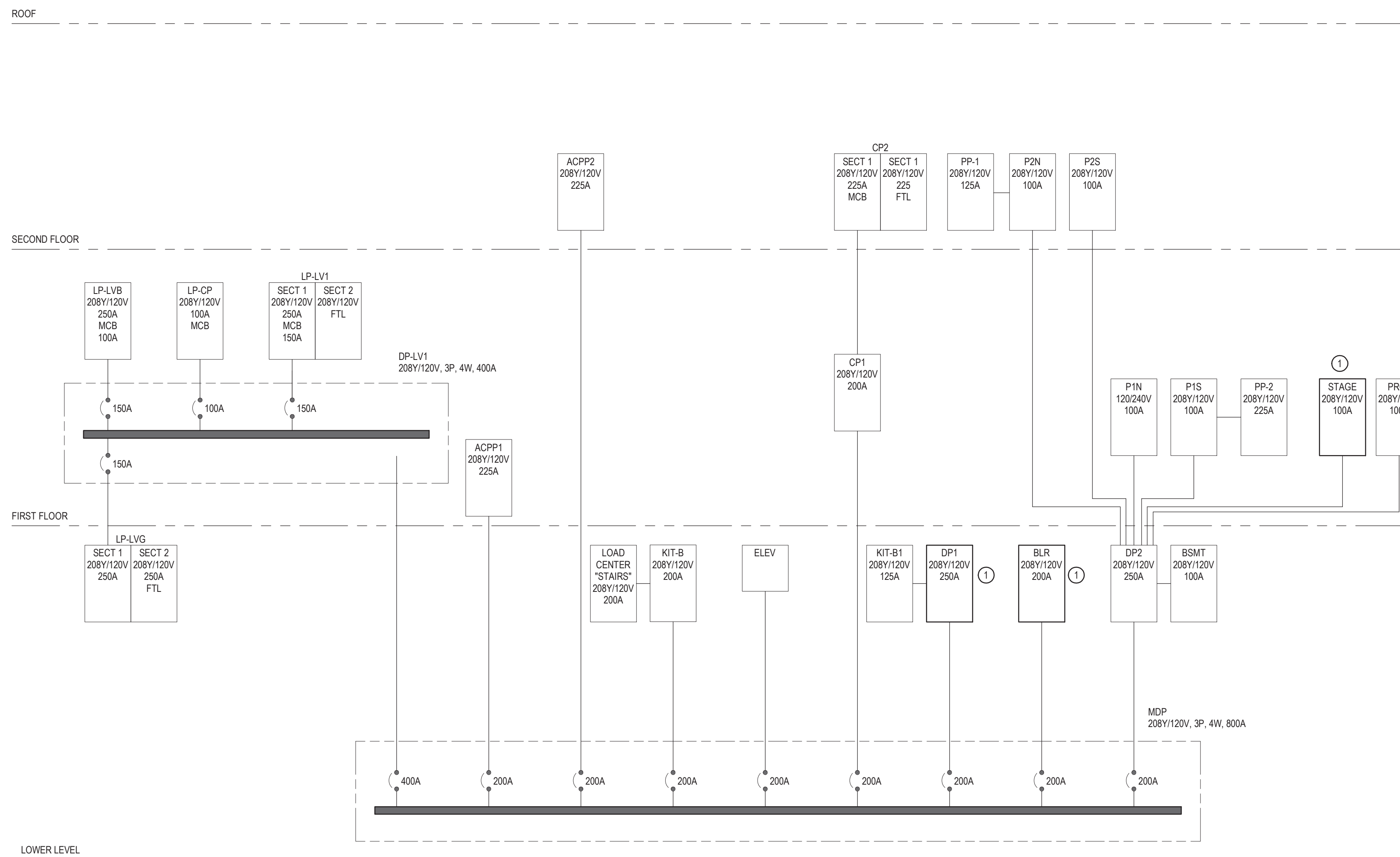
1. EXAMPLE PLATE SHOWN.
2. PROVIDE MINIMUM 1/4" HEIGHT WHITE LETTERING ON BLACK BACKGROUND.
3. ATTACH WITH WATERPROOF ADHESIVE.

L18 **DEVICE MOUNTING DETAIL**
N.T.S.

N.T.S.

L12 LAMINATED IDENTIFICATION PLATE
N.T.S.

N.T.S.



KEYED NOTES:

- ① REPLACE PANEL



- ☒ SED#50-01-08-03-0-002-020 (HIGHVIEW ES)
- ☐ SED#50-01-08-03-7-007-002 (Maintenance)
- ☐ SED#50-01-08-03-7-012-004 (OEC)
- ☐ SED#50-01-08-03-0-001-026 (MILLER ES)
- ☐ SED#50-01-08-03-0-004-022 (BARR MS)

Highview Elementary School
24 Highview Ave
Nanuet, NY 10954

OEC Building

135 Convent R
Manusct. NY 100

Maintenance Buil

Maintenance Buil
103 Church St

Nanuet, NY 109

Miller Elementary School
50 Pleasant Rd. N.

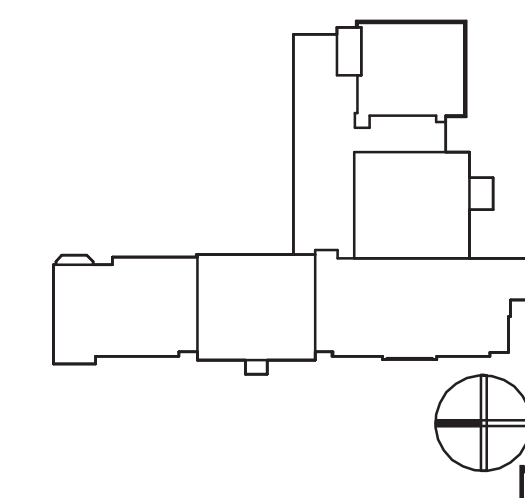
Nanuet, NY 10954

MacArthur Barr Midd

143 Church St
Newport, NY 10054

Manufact, NT 103

KEY PLAN



REVISIONS:

No.	Description	Date

ISSUED: BID SE

DATE: 06/21/2024

SCALE: AS NOTED

SHEET NAME:

DETAILS AND DIAGRAMS

SHEET NUMBER

SHEET NUMBER.

HF-F501

FILE LOG

ISSUE FOR BID SET

