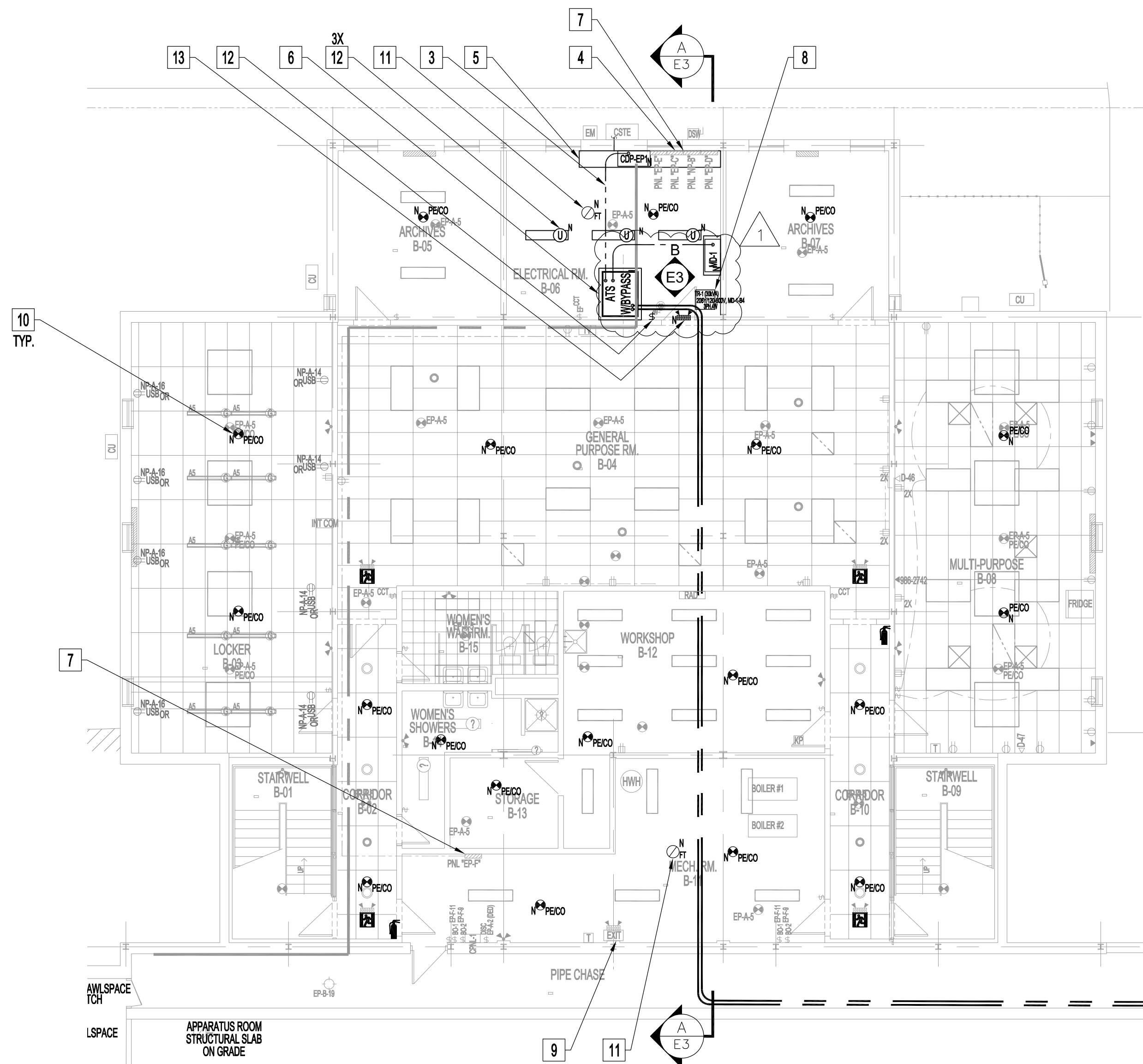
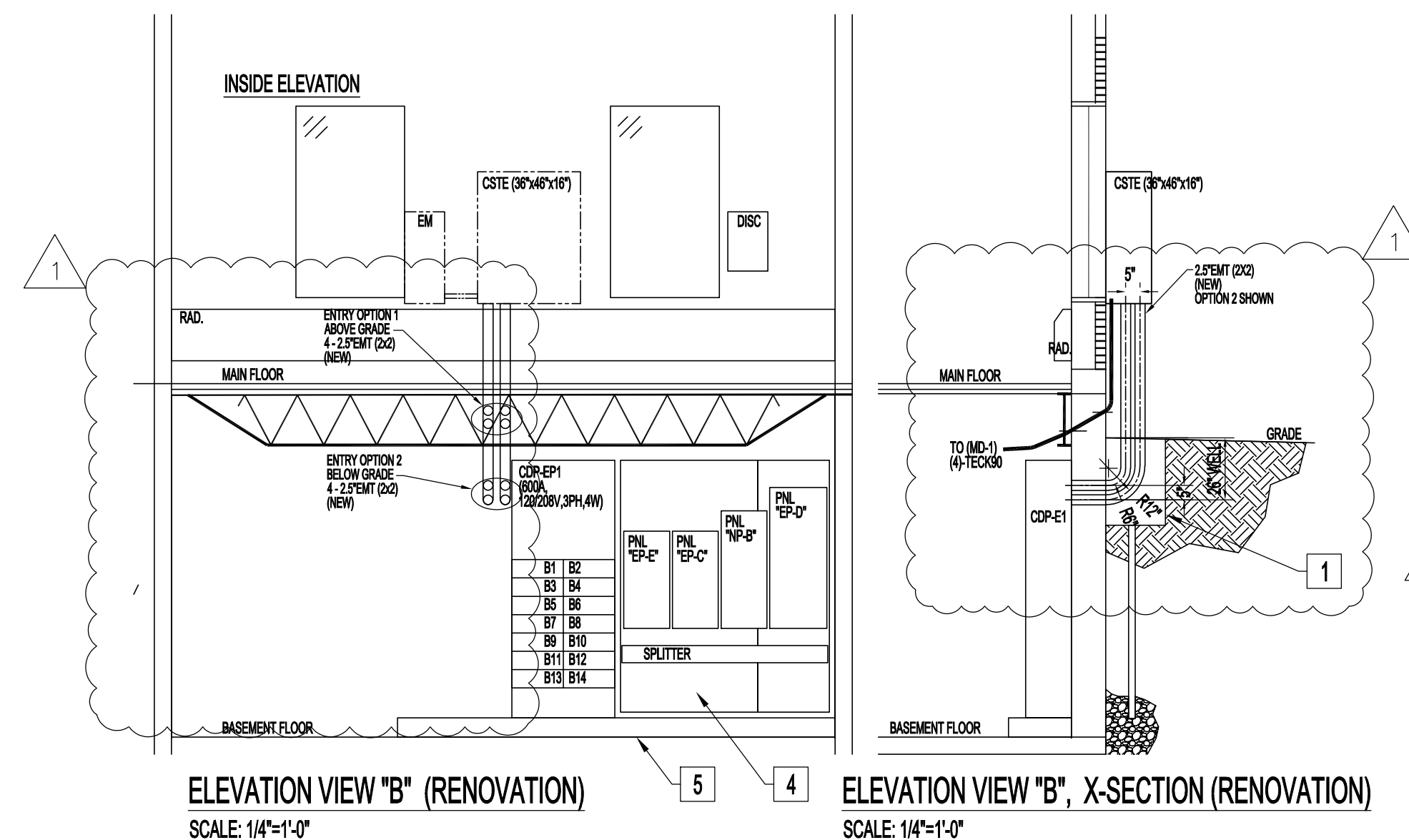




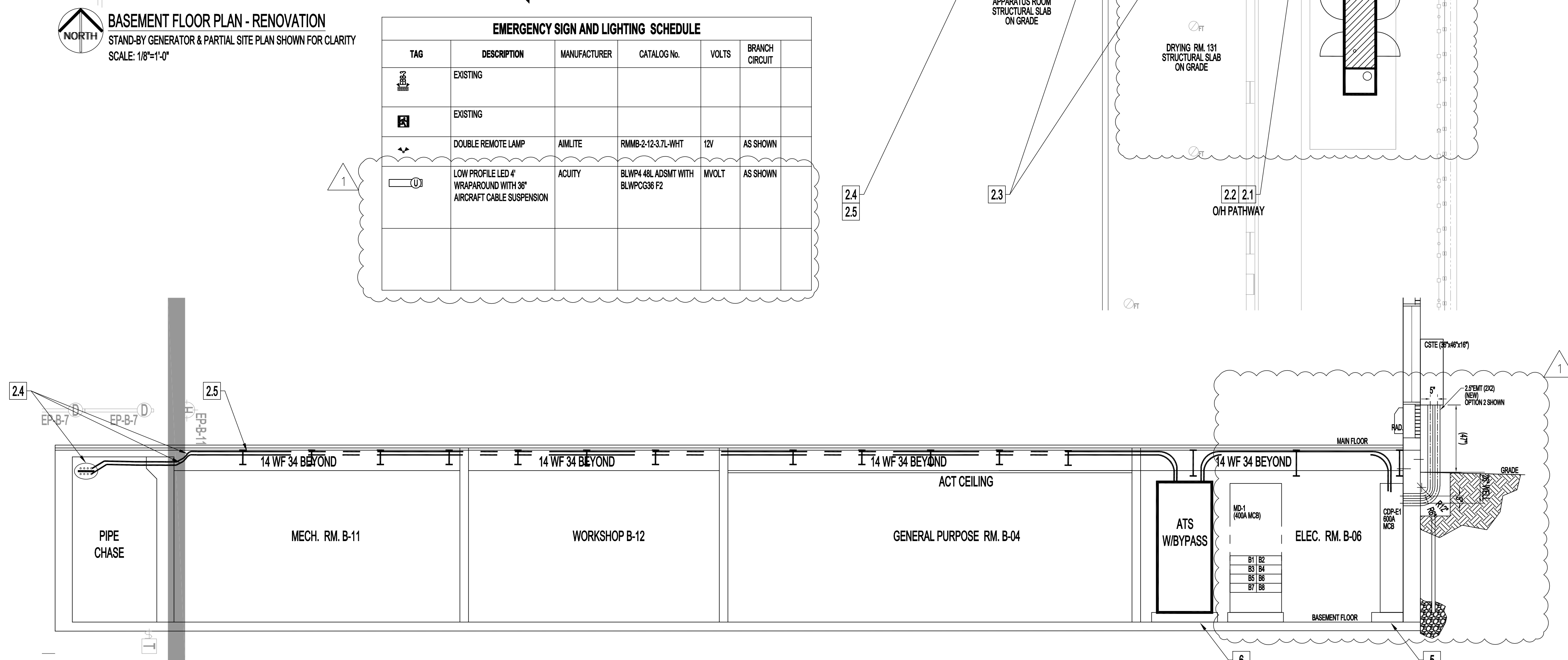
**BASMENT FLOOR PLAN - RENOVATION**  
STAND-BY GENERATOR & PARTIAL SITE PLAN SHOWN FOR CLARITY  
SCALE: 1/8"=1'-0"

| EMERGENCY SIGN AND LIGHTING SCHEDULE |                                                                  |              |                                  |        |                |
|--------------------------------------|------------------------------------------------------------------|--------------|----------------------------------|--------|----------------|
| TAG                                  | DESCRIPTION                                                      | MANUFACTURER | CATALOG No.                      | VOLTS  | BRANCH CIRCUIT |
| 2                                    | EXISTING                                                         |              |                                  |        |                |
| 2.1                                  | EXISTING                                                         |              |                                  |        |                |
| 2.2                                  | DOUBLE REMOTE LAMP                                               | AIMLITE      | RIMB-2-12-3-7L-WHT               | 12V    | AS SHOWN       |
| 2.3                                  | LOW PROFILE LED 4" WRAPAROUND WITH 36" AIRCRAFT CABLE SUSPENSION | ACUTY        | BLWP4 48L ADSMT WITH BLWPCG36 F2 | 12VOLT | AS SHOWN       |



**ELEVATION VIEW "B" (RENOVATION)**  
SCALE: 1/4"=1'-0"

**ELEVATION VIEW "B", X-SECTION (RENOVATION)**  
SCALE: 1/4"=1'-0"



**BUILDING SECTION "A - A" (RENOVATION)**  
MAIN FLOOR INTERIOR WALLS NOT SHOWN  
SCALE: 1/4"=1'-0"

## ELECTRICAL RENOVATION NOTES

ALSO SEE GENERAL NOTES & SPECIFICATIONS.  
ALL EXISTING/REWORK ELECTRICAL COMPONENTS & SYSTEMS SHALL MADE COMPLIANCE TO THE 2021 CANADIAN ELECTRICAL CODE, PART 1, 25TH EDITION (NOTED AS "CODE") ADOPTED BY THE WINNIPEG ELECTRICAL BY-LAW NO. 72/2022. THIS INCLUDES ABANDONED WIRES, CABLES, CONDUITS & ITS SUPPORTS SHALL BE REMOVED. DO NOT DISTURB OR DISCONNECT ANY WIRING & CABLING IN AREA OF WORK REQUIRED FOR OTHER AREAS.

1. PROVIDE EXTERIOR WELL, EXPANDED METAL WELL COVER, DRAINAGE TO WEeping TILES.
  - 1.1. PROVIDE (4) 3" EMT (2X2 MATRIX) BELOW GRADE FROM EXISTING CSTE LOAD SIDE TO (MD-1) AS SHOWN. SCAN CONCRETE WALL & MARK REBAR LOCATIONS TO ELIMINATE CUTTING INTO REBARS. CORED HOLES SHALL BE WATER-TIGHT USING LINK-SEAL.
  - 1.2. CORED HOLE LOCATIONS/CONDUITS SHALL SUIT CSTE (PREFER PLUMB) WITH RESPECT TO (MD-1). CONFIRM WITH CONTRACT ADMINISTRATOR AT AWARD.

2. GENERATOR  
PROVIDE ALL REQUIRED COMPONENTS INCLUDING POWER, COMMUNICATION WIRING/CABLING, PATHWAYS, SUPPORTS & ACCESSORIES FOR A FULLY FUNCTIONING CODE-COMPLIANT AUTOMATIC OPERATION OF GENSET.  
ORIENTATIONS & LOCATIONS SHOWN & DESCRIBED MAY CHANGE TO SUIT EQUIPMENT & SITE CONDITIONS, TBC PRIOR TO INSTALL.

- 2.1. PROVIDE (TAP BOX), REFER TO ELECTRICAL SPEC. DRAWING.
  - 2.1.1. SECURELY MOUNT TO CONCRETE PAD USING UNISTRUT COMPONENTS TO PRODUCE A SECURE BASE ASSEMBLY TO ALLOW FOR A SAFE CONNECTION AREA DURING LOAD TEST.
- 2.2. (TAP BOX) FEEDERS ENTERS GENSET DISCONNECT (LOCATION TBD) THEN INTO GENSET WINTERIZED SOUND ENCLOSURE REMOVABLE END PANEL OR SUBBASE FUEL TANK, TBD. WEATHERTIGHT PENETRATIONS. NO PENETRATIONS ARE PERMITTED THROUGH GENSET ENCLOSURE ROOF.
- 2.3. (TAP BOX) FEEDERS PATHWAY INTO BUILDING, AS SHOWN, ENTERS THROUGH DRYING RM. 131 EXTERIOR WALL AT ELEVATION (9' MIN.) OF ROOF TEE BOTTOM & STRUCTURALLY SUPPORTED USING CABLE TRAY/LADDER & UNISTRUT COMPONENTS. CONTINUE RUN THROUGH EAST WALL INTO APPARATUS ROOM SIDE (PROVIDE PROTECTED GALVANIZED METAL WALL SHROUD) THEN DOWN THROUGH APPARATUS FLOOR INTO BASEMENT PIPE CHASE. PROVIDE REMOVABLE LOW-PROFILE GALVANIZED METAL SHROUD AROUND CABLE TRAY/LADDER TO FULLY PROTECT EXTERIOR CONDUCTORS FROM VANDALS. NEW WALL OPENINGS REQUIRES PAINTED STRUCTURAL STEEL ANGLES ON BOTH SIDES OF WALL OPENING, FIRESTOPPING (INTERIOR WALL) & WEATHERPROOFING (EXTERIOR WALL). PROVIDE ALL COMPONENTS & SUPPORTS.
- 2.4. PROVIDE CONDUCTOR/COMMUNICATION PATHWAYS FROM PIPE CHASE TO ELECTRICAL ROOM USING SECURELY CEILING-MOUNTED UNISTRUTS/COMPONENTS. MOUNT AS CLOSE AS POSSIBLE TO UNDERSIDE OF BASEMENT STRUCTURE.
- 2.5. PROVIDE 3/4" EMT FOR GENSET CONTROL CABLING TO WALL-MOUNTED DIGITAL GENSET CONTROLLER AT WATCHDESK 109. EMT PATHWAY TO BE UNDERSIDE OF APPARATUS ROOM STEEL ROOF DECK.

3. WIRE FROM (ATS) TO (MD-1).
4. PROVIDE 4'X8'X3/4" THICK PLYWOOD SHEETS PAINTED WITH GREY FIRE RETARDANT PAINT TO COVER FULL WALL AREA BESIDE (CDP-E1).
5. PROVIDE 6" HIGH CONCRETE HOUSEKEEPING PAD TO EXTEND TO WEST WALL.
6. PROVIDE 6" HIGH CONCRETE HOUSEKEEPING PAD FOR (ATS), LOCATION TBD.
7. PROVIDE NEW PANELBOARDS, CIRCUIT BREAKERS & RE-CIRC PER PANEL SCHEDULE AS REFERENCE BUT SHALL FIELD SUIT PER EXISTING CONDITIONS.
8. REPLACE EXISTING WALL-MOUNTED TRANSFORMER WITH NEW (SEE DRAWING E9 SPEC). PROVIDE NEW WALL BRACKET TO SUIT, INSTALL WIRE PER CODE. REWIRE LOAD SIDE WITH EXISTING TECK90. PROVIDE NEW FEEDERS TO (MD-1) PER SLD DRAWING 7. GROUND PER CODE.
9. REPLACE EXISTING EXIT SIGN/LIGHT WITH RUNNING MAN SIGN COMBO UNIT. TYPE TO BE SAME AS EXISTING.
10. PROVIDE COMBINATION 120V SMOKE/CARBON MONOXIDE DETECTORS (PE/CO) WITH BATTERY BACKUP. CEILING MOUNTED 18" MINIMUM CLEARANCE FROM VENTS & COMPONENTS. INTERCONNECT ALL TO LOCALLY ALARM WITH REQUIRED CONTROLS TO EXISTING RELAY BOX ABOVE PANEL "EP-A" IN APPARATUS RM WITH ALL NECESSARY COMPONENTS, INCLUDING RELAYS.
11. PROVIDE CEILING MOUNTED HEAT DETECTORS. INTERCONNECT WITH COMBINATION 120V SMOKE/CARBON MONOXIDE DETECTORS (PE/CO).
12. REPLACE (2) LUMINAIRES, LIGHT SWITCH (ON/OFF) & FACEPLATE WITH (3) NEW.
13. PROVIDE EMERGENCY DUAL-HEAD LIGHT/BATTERY COMBO (90-MINUTE MINUTE DURATION).

1. REFER TO DRAWING E1 & SPECIFICATIONS.

|     |                         |     |            |
|-----|-------------------------|-----|------------|
| 1   | ISSUED FOR ADDENDUM 3   | DTA | 10.14.2025 |
| 0   | ISSUED FOR CONSTRUCTION | DTA | 08.11.2025 |
| A   | ISSUED FOR REVIEW       | DTA | 08.15.2025 |
| No. | REVISION/DESCRIPTION    | BY  | DATE       |

SEAL



|            |         |         |         |          |
|------------|---------|---------|---------|----------|
| DATE       | DESIGN  | DRAWN   | CHECKED | APPROVED |
| 2025.08.08 | BY: DTA | BY: DTA | BY:     | BY:      |

**Winnipeg**  
THE CITY OF WINNIPEG  
ASSETS & PROJECT MANAGEMENT DEPARTMENT  
MUNICIPAL ACCOMMODATIONS DIVISION  
3-65 GARRY STREET, R3C 4K4

PROJECT  
**WINNIPEG FIRE PARAMEDIC SERVICES**  
**FIRE STATION 1**  
**ELECTRICAL DISTRIBUTION UPGRADE AND GENSET**  
65 ELLEN STREET TENDER No: 802-2025

SHEET TITLE  
**BASMENT FLOOR PLAN**  
**ELECTRICAL - RENOVATION**  
**POWER AND SYSTEMS**

|          |             |           |
|----------|-------------|-----------|
| SCALE    | PROJECT No: | SHEET No: |
| AS SHOWN | 2024-070    | E3-R1     |

DRAWING SHEET SIZE: ARCH "D" (24" x 36") PLOT 1:1