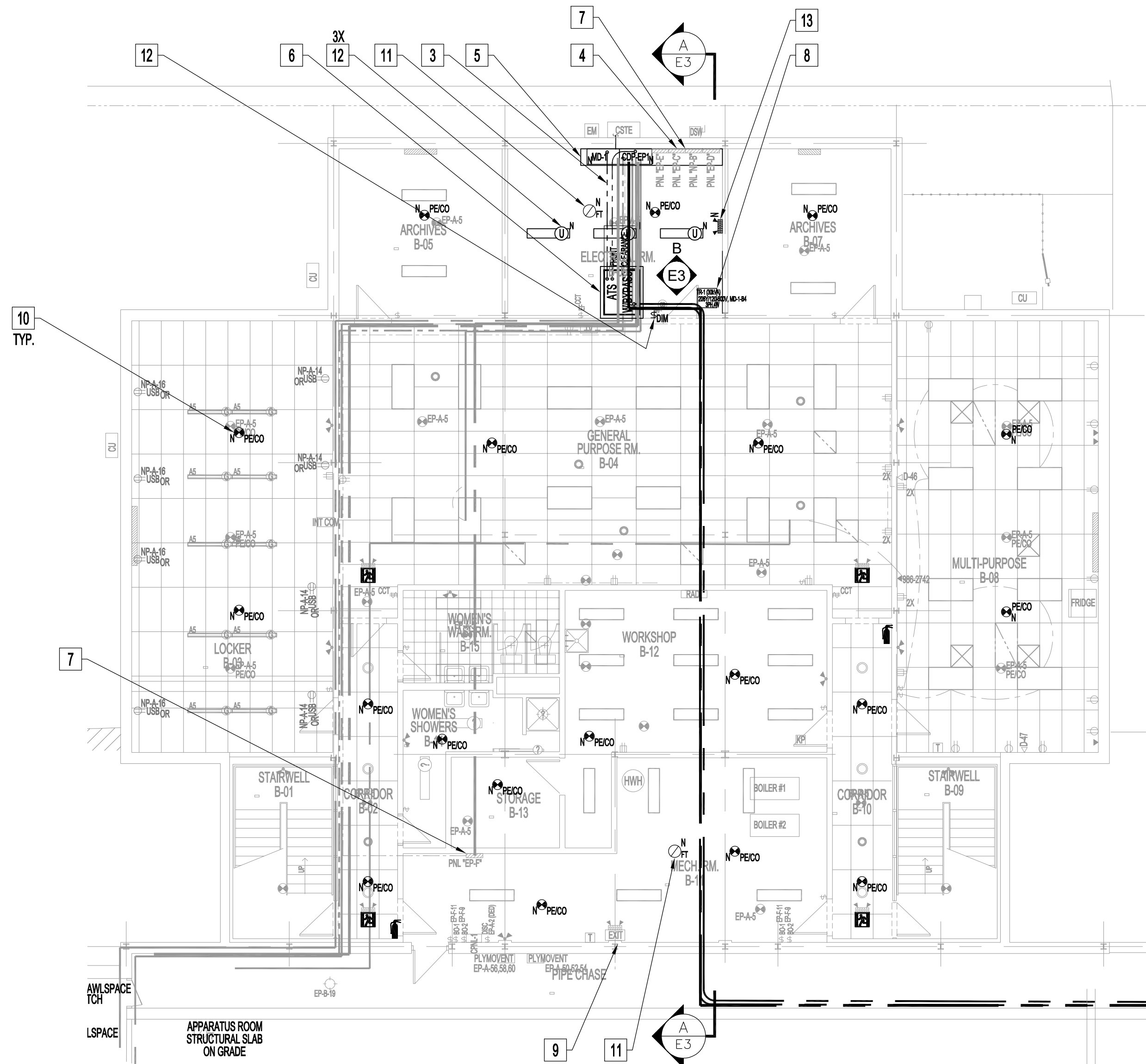
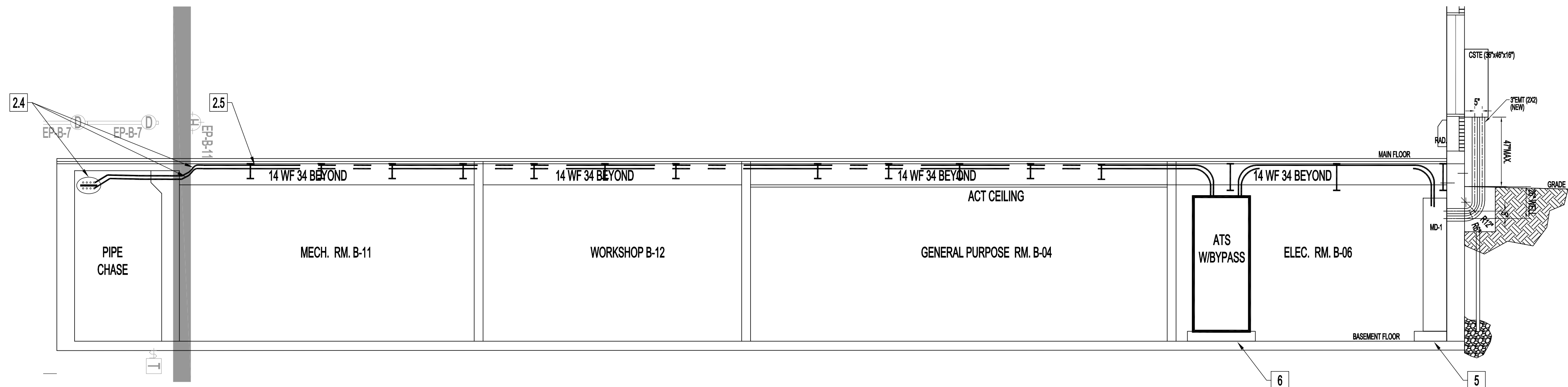
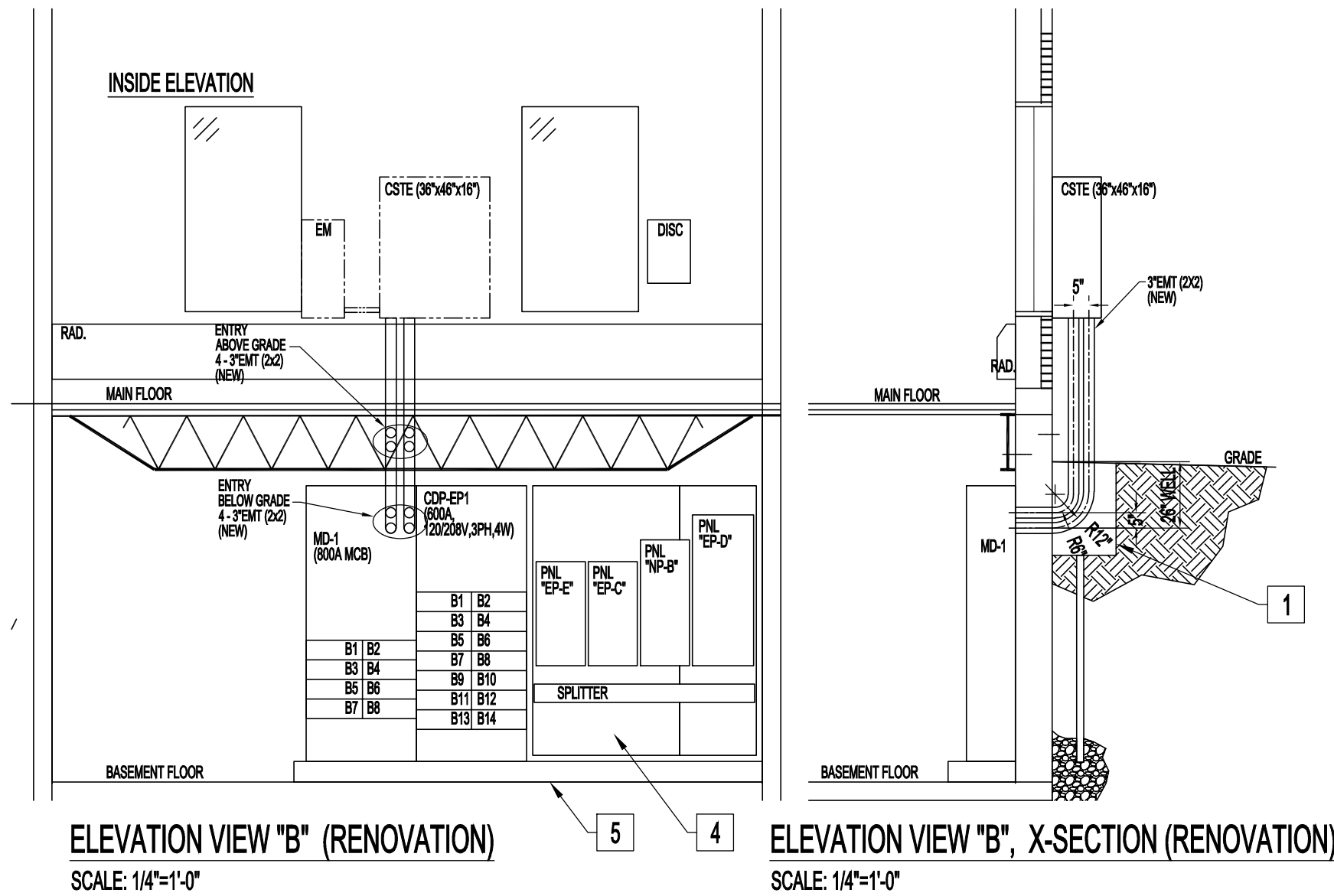




BASEMENT FLOOR PLAN - RENOVATION
STAND-BY GENERATOR & PARTIAL SITE PLAN SHOWN FOR CLARITY
SCALE: 1/8"=1'-0"



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

ELECTRICAL RENOVATION NOTES "X"

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. 722022. 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
 - 2.1. PROVIDE (TAP BOX), REFER TO ELECTRICAL SPEC. DRAWING.
 - 2.1.1. SECURELY WALL MOUNT TO EXTERIOR WALL WITH TOP AT 8'-0" ABOVE FINISHED GRADE & 8" FROM WINDOW OPENING TO ALLOW FOR A SAFE CONNECTION DURING LOAD TEST.
 - 2.2. PROVIDE U/G CONDUCTOR PATHWAYS FROM GENERATOR ELECTRICAL GLAND & STUB-UP AREA TO INSIDE (TAP BOX).
 - 2.3. (TAP BOX) EXIT CONDUCTOR PATHWAYS ENTER INTO DRYING RM. 131 & RUN SECURELY BETWEEN ROOF DECK JOISTS THROUGH DRYING RM. 131 EAST WALL & RUN TIGHT AGAINST WALL ON APPARATUS SIDE DOWN THROUGH FLOOR INTO BASEMENT PIPE CHASE. PROVIDE WALL-MOUNTED LOW-PROFILE U-SHAPE GALVANIZED METAL SHROUD TO FULLY PROTECT CONDUCTORS.
 - 2.4. PROVIDE CONDUCTOR PATHWAYS USING SECURELY CEILING-MOUNTED UNISTRUTS/ COMPONENTS IN PIPE CHASE.
 - 2.5. RUN CONDUCTORS OUTSIDE PIPE CHASE ONTO TOP OF OWSJ & BETWEEN STEEL DECK FLUTES INTO ELECTRICAL ROOM B06 TO (ATS) UPPER CABINET CABLE ENTRANCE.
 - 2.6. CONTROL CABLING IN 3/4" EMT TO WALL-MOUNTED DIGITAL GENSET CONTROLLER AT WATCHDESK 109.
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-B4) PER SLD DRAWING 7. GROUND PER CODE.
9. REPLACE EXISTING EXIT SIGNLIGHT WITH RUNNING MAN SIGN COMBO UNIT. TYPE TO BE SAME AS EXISTING.
10. PROVIDE COMBINATION 120V SMOKE/CARBON MONOXIDE DETECTORS (PEICO) 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 (PEICO).
12. REPLACE (2) LUMINAIRES, LIGHT SWITCH & FACEPLATE WITH NEW:
 - 12.1. THREE (3) TYPE "U" SUSPENDED HEIGHT AS PER EXISTING, CENTERED IN ROOM.
 - 12.2. SENSOR SWITCH
 - 12.3. NEW STAINLESS STEEL FACEPLATE.
 - 12.4. WIRE TO EXISTING CIRCUIT WITH ACUITY JOT ENABLE WIRELESS SOLUTION.
13. PROVIDE EMERGENCY DUAL-HEAD LIGHT/BATTERY COMBO (90-MINUTE MINUTE DURATION).

1. REFER TO DRAWING E1 & SPECIFICATIONS.

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:



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

SHEET TITLE
BASEMENT FLOOR PLAN
ELECTRICAL - RENOVATION
POWER AND SYSTEMS

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

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

EMERGENCY SIGN AND LIGHTING SCHEDULE					
TAG	DESCRIPTION	MANUFACTURER	CATALOG No.	VOLTS	BRANCH CIRCUIT
EXISTING	EXISTING				
EXISTING	EXISTING				
DOUBLE REMOTE LAMP	AMLITE	RMMB-2-12-3.7L-WHT	12V	AS SHOWN	
LOW PROFILE LED 4" WRAPAROUND WITH AIRCRAFT CABLE SUSPENSION	ACUTY	BLWP4 60L ADSMT G210 LP840 JOTVIX15 WITH BLWP0308 F2	12VOLT	AS SHOWN	
SENSOR SWITCH JOT ENABLED WIRELESS SOLUTION	ACUTY	SPODMRA JOT			