

**NOTE:**

- [1] PROVIDE 3 #4 AND 1 #8 WIRES IN 1-1/2" CONDUIT FROM GENERATOR PANEL TO EXISTING PANEL BOARD INSIDE BUILDING 50. PROVIDE 2 POLE 60 AMP CIRCUIT BREAKER AT EXISTING PANEL BOARD.
- [2] (6) SETS OF (3-1/2" CONDUIT WITH 3 #500 KCM, 1 #350 KCM NEUTRAL AND 1 #350 GREEN GROUNDING CONDUCTOR). (2) SPARE 3-1/2" CONDUITS. TOP OF CONDUITS SHALL BE NOT LESS THAN 24" BELOW GRADE. CONTRACTOR SHALL FIELD LOCATE EXISTING UTILITIES TO DETERMINE BEST ROUTING OF NEW CONDUITS AND AVOID EXISTING UTILIZES.
- [3] SURFACE MOUNTED GENERATOR STOP PUSHBUTTON SHALL BE NON-BREAK GLASS TYPE NON-MOMENTARY CONTACT WITH LABEL "EMERGENCY GENERATOR STOP", NEMA-3R BOX MOUNTED ON WALL AT 54" ABOVE GRADE.
- [4] 20'-0" HORIZONTAL DIMENSION FROM EDGE OF GENERATOR HOUSING TO OVERHEAD POWER LINE. TOP OF GENERATOR HOUSING/MUFFLER SHALL BE NOT LESS THAN 25' TO THE EXISTING OVERHEAD LINE.

B	SB	9/26/24	ATS AND SWITCHBOARD LOCATIONS NOTED	JD	
A	SB	9/26/24	COPY OF VENDOR DRAWING	JD	
REV	DRWN	DATE		APPR	
No.	BY			BY	

DRAWING TITLE:

**STANDBY DIESEL GENERATOR  
SWITCHBOARD AND ATS  
BUILDING 50 LAYOUT**

CONTROL NUMBER: XXXXXX



BRANDY BRANCH  
GENERATING  
STATION

CONTRACTOR NAME AND LOGO

UNIT:

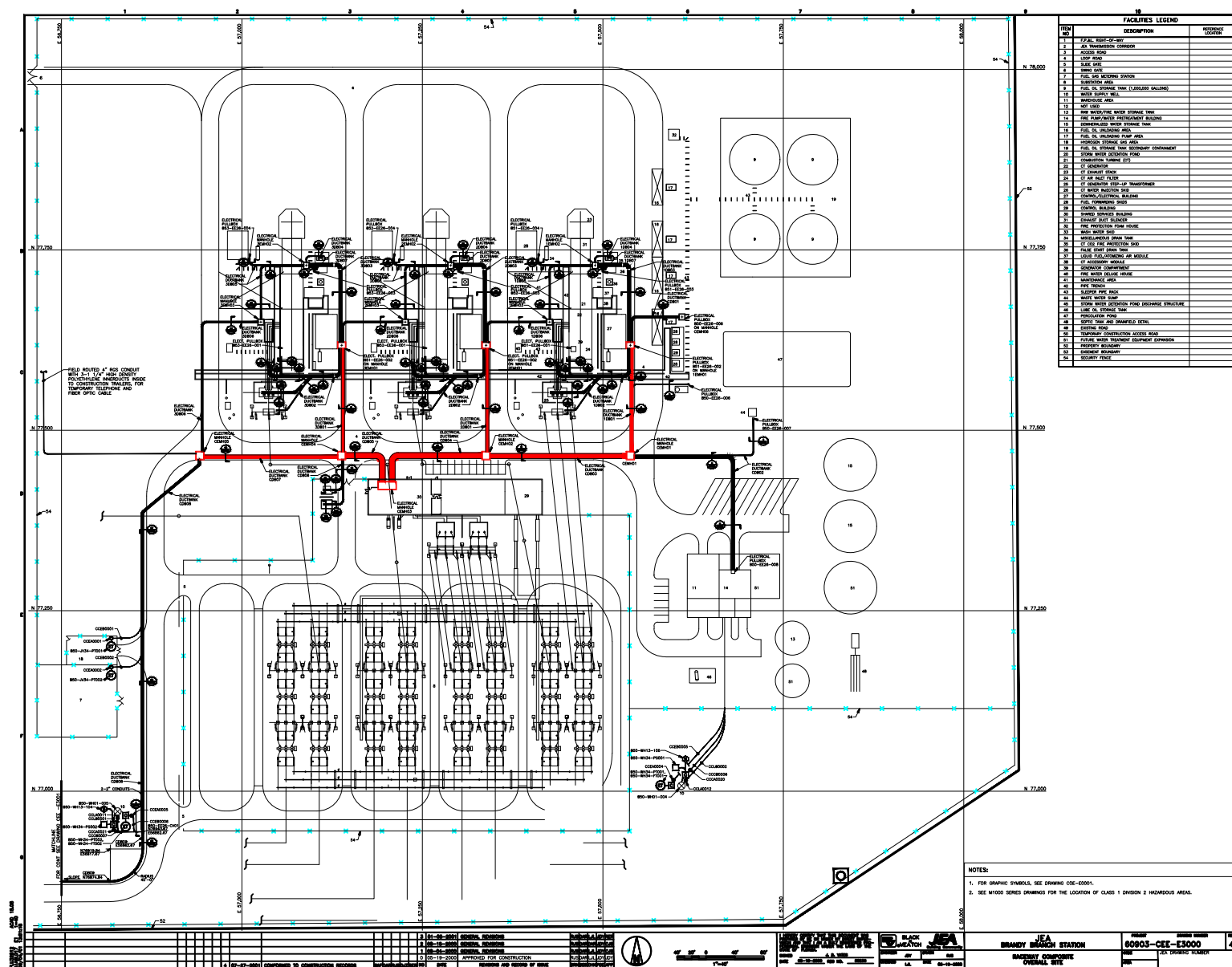
PD NO:

GEMS:

SCALE:

PWO NO:

DWG NO:





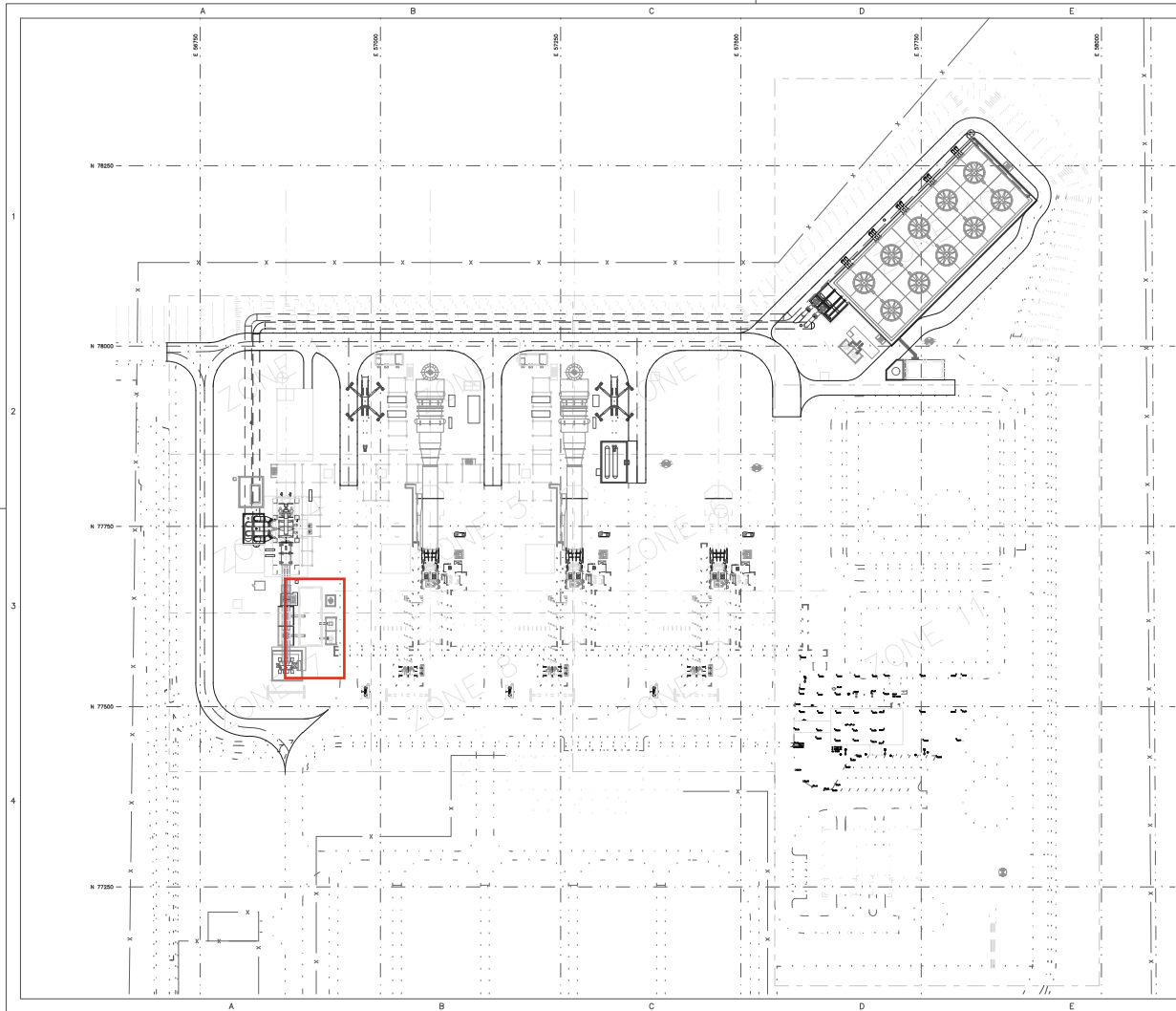












#### GENERAL NOTES

1. ALL DRAIN PIPING SHALL SLOPE CONTINUOUSLY A MINIMUM OF 1" PER FOOT, UNLESS OTHERWISE NOTED.
2. MINIMUM PIPE SHALL HAVE AT LEAST 3'-0" MINIMUM COVER AND CONTRACTOR SHALL ESTABLISH ELEVATION.
3. ALL STEEP-UP FLANGE CONNECTIONS SHALL BE 1'-0" ABOVE FINISH GRADE AND/OR FINISH SLAB UNLESS NOTED OTHERWISE.
4. CONTRACTOR SHALL VERIFY ALL FOUNDATIONAL EQUIPMENT PADS AND FOOTINGS AGAINST PIPING STEEP-UPS PRIOR TO INSTALLATION OF PIPING.
5. ALL CANNON STEEL PIPING BELOW GRADE SHALL BE COATED AND BOWSPED USING 15X-RAP 141, COATED, MINES LAYER 15X-RAP 225 141, 30 MILS. THICK, OVER LAYER 15X-RAP 225 141, 30 MILS. THICK, COATING TO EXTEND A MINIMUM OF 4" ABOVE GRADE.
6. ALL STEEP-UPS SHALL BE 0'-6" ABOVE FINISH GRADE OF FINISH SLAB. ALL STEEP-UPS SHALL BE IDENTIFIED IN DRAWINGS. STEEP-UPS IDENTIFIED IN DRAWINGS SHALL BE CONSIDERED AS A FLANGE CONNECTION. ALL WALL-UPS SHALL TERMINATE WITH A REDUCER AS REQUIRED.
7. BELOW GRADE CANNON STEEL PIPING SHALL BE IDENTIFIED IN DRAWINGS. ALL CANNON STEEL PIPING SHALL BE IDENTIFIED IN DRAWINGS. ALL CANNON STEEL PIPING SHALL BE IDENTIFIED IN DRAWINGS. ALL CANNON STEEL PIPING SHALL BE IDENTIFIED IN DRAWINGS.

#### REFERENCE DRAWINGS

1. SITE UNDERGROUND UTILITIES ZONE 1 D010322-59L101
2. SITE UNDERGROUND UTILITIES ZONE 2 D010322-59L102
3. SITE UNDERGROUND UTILITIES ZONE 3 D010322-59L103
4. SITE UNDERGROUND UTILITIES ZONE 4 D010322-59L104
5. SITE UNDERGROUND UTILITIES ZONE 5 D010322-59L105
6. SITE UNDERGROUND UTILITIES ZONE 6 D010322-59L106
7. SITE UNDERGROUND UTILITIES ZONE 7 D010322-59L107
8. SITE UNDERGROUND UTILITIES ZONE 8 D010322-59L108
9. SITE UNDERGROUND UTILITIES ZONE 9 D010322-59L109
10. SITE UNDERGROUND UTILITIES ZONE 10 D010322-59L110
11. SITE UNDERGROUND UTILITIES ZONE 11 D010322-59L111
12. 24" CANNON STEEL PIPING - LAYOUT D010322-59L100

<b>JEA BRANDY BRANCH</b> <b>SITE UNDERGROUND UTILITIES</b> <b>OVERALL PLAN VIEW</b>	
DATE: 01/11/2023 DRAWN BY: JEA CHECKED BY: JEA APPROVED BY: JEA	PROJECT NO: D010322-59L100 SHEET NO: 01 OF 0





