JEA Water & Wastewater Standards Manual

Volume VA: Water Treatment Plant Details

January 1, 2023 - Edition

"Foundation for the Future - Water & Wastewater Standards"

JEA Water and Wastewater Standards Distribution and Collection Details

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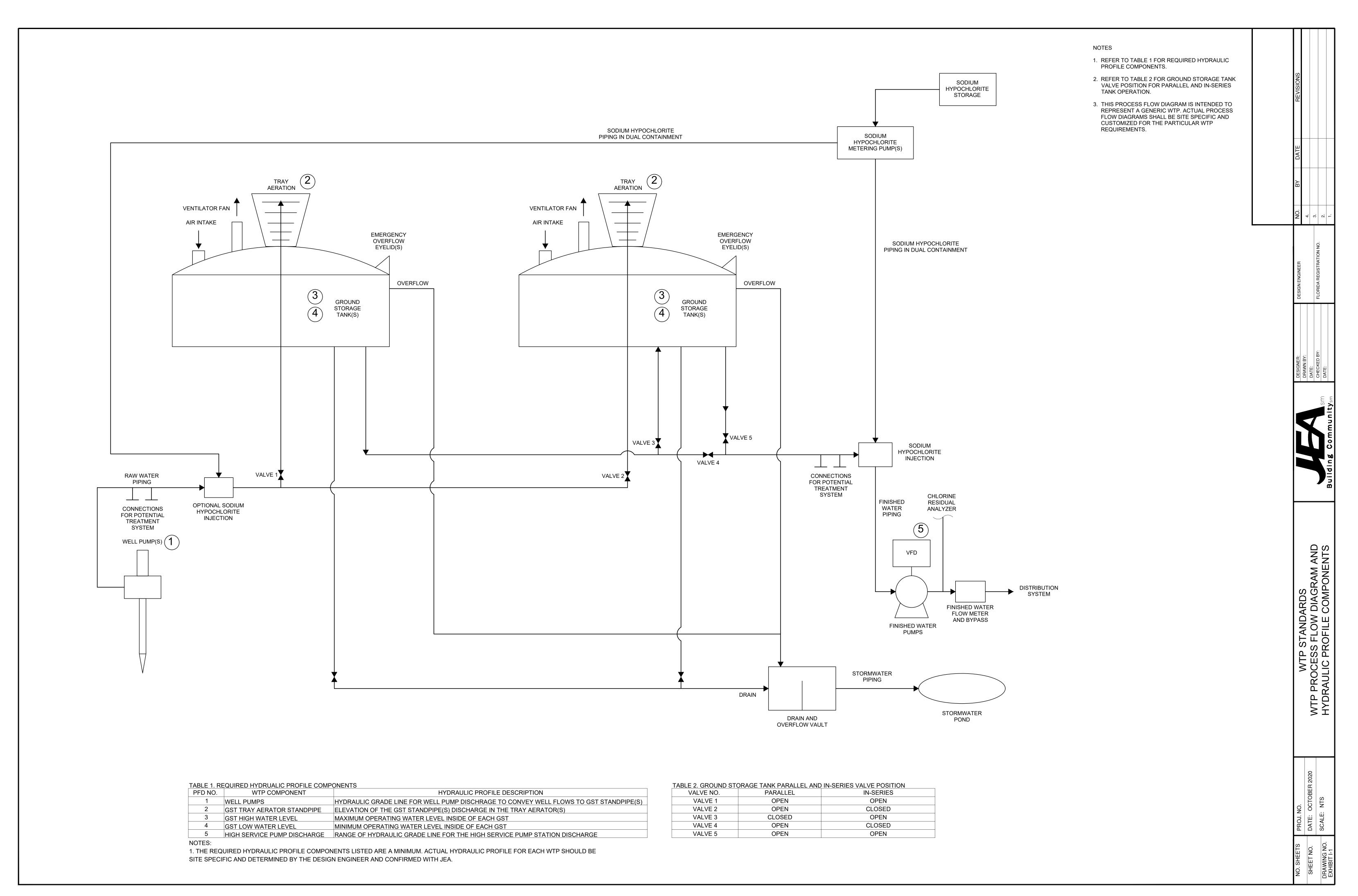
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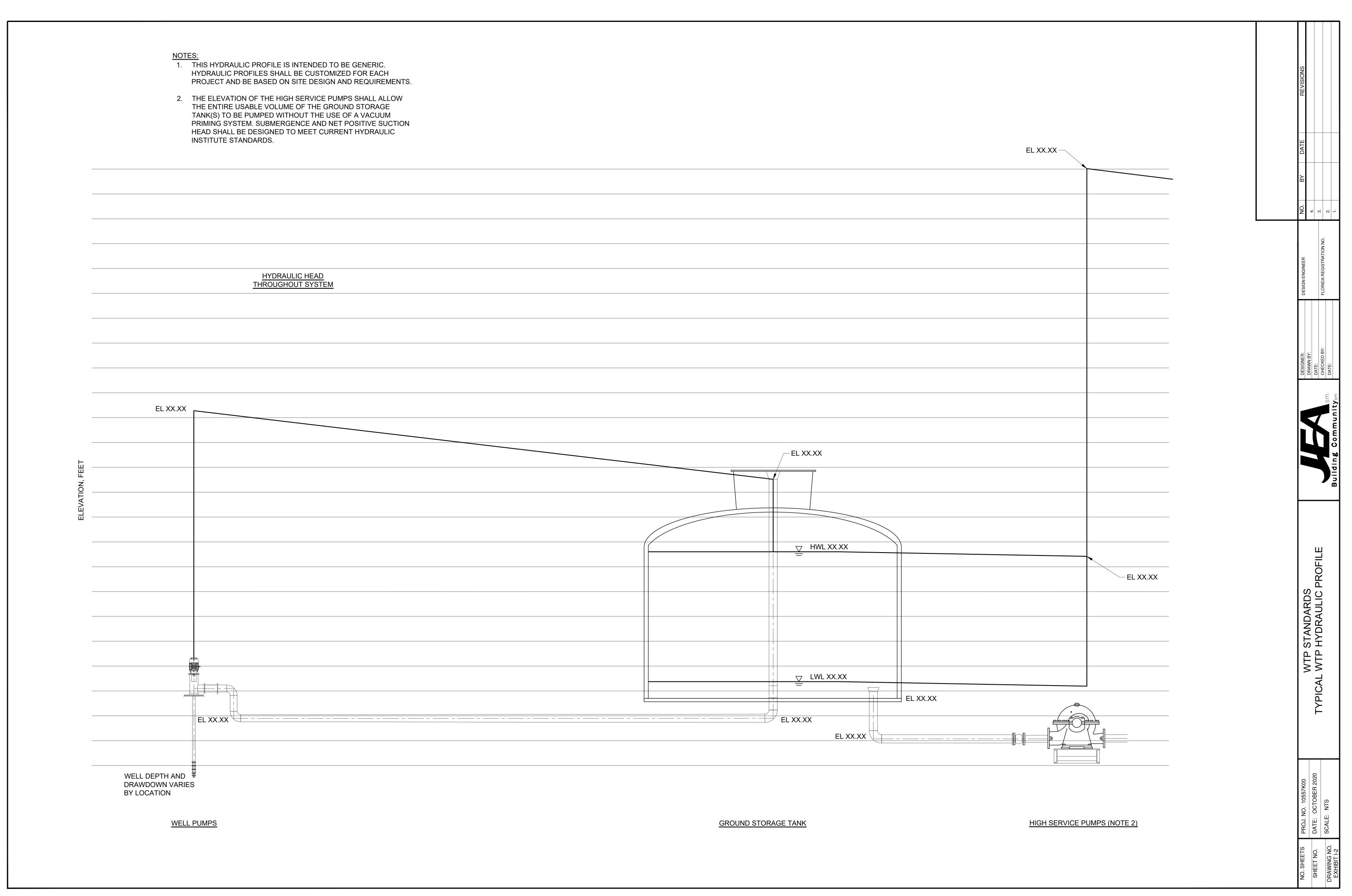
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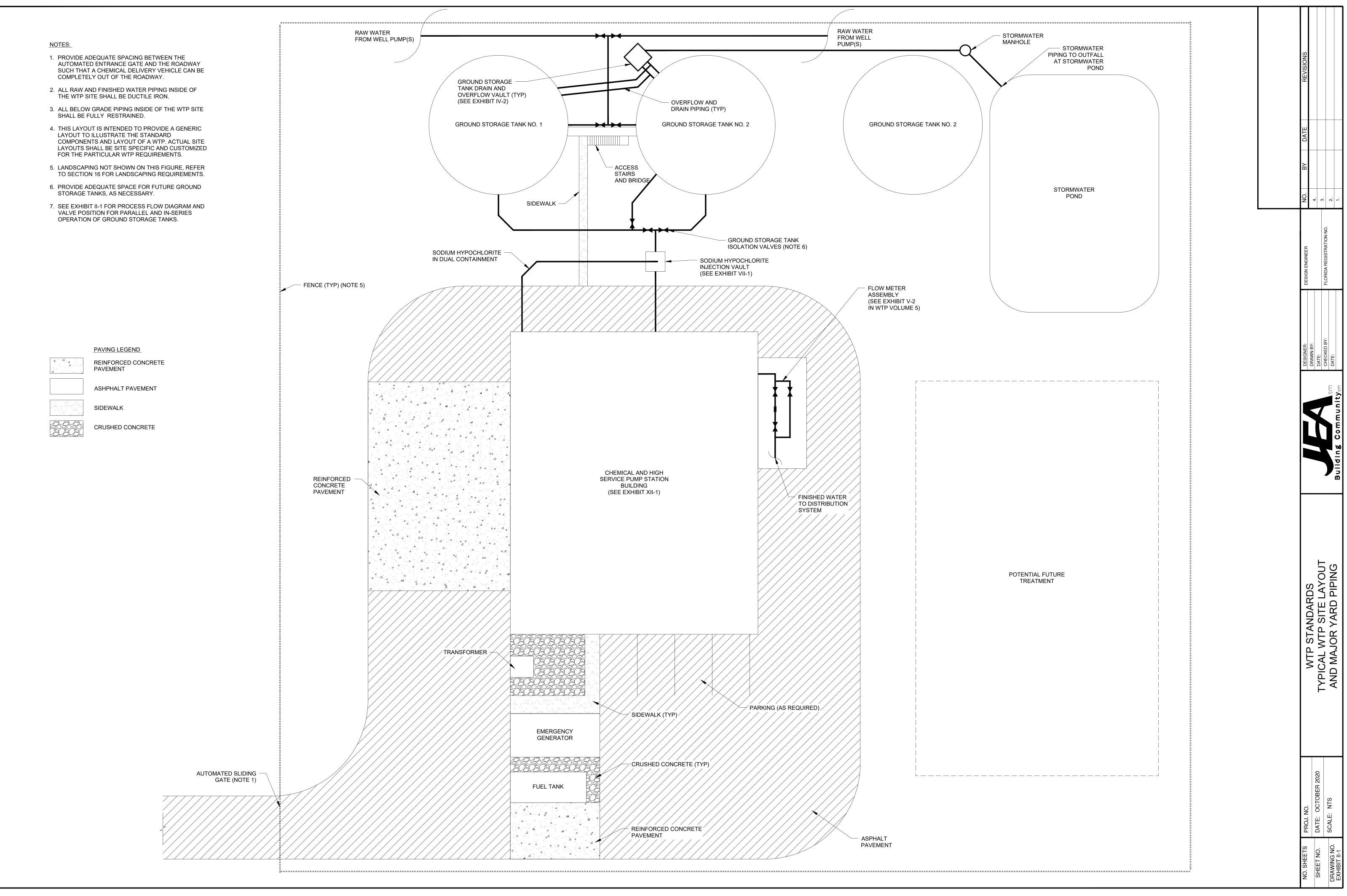
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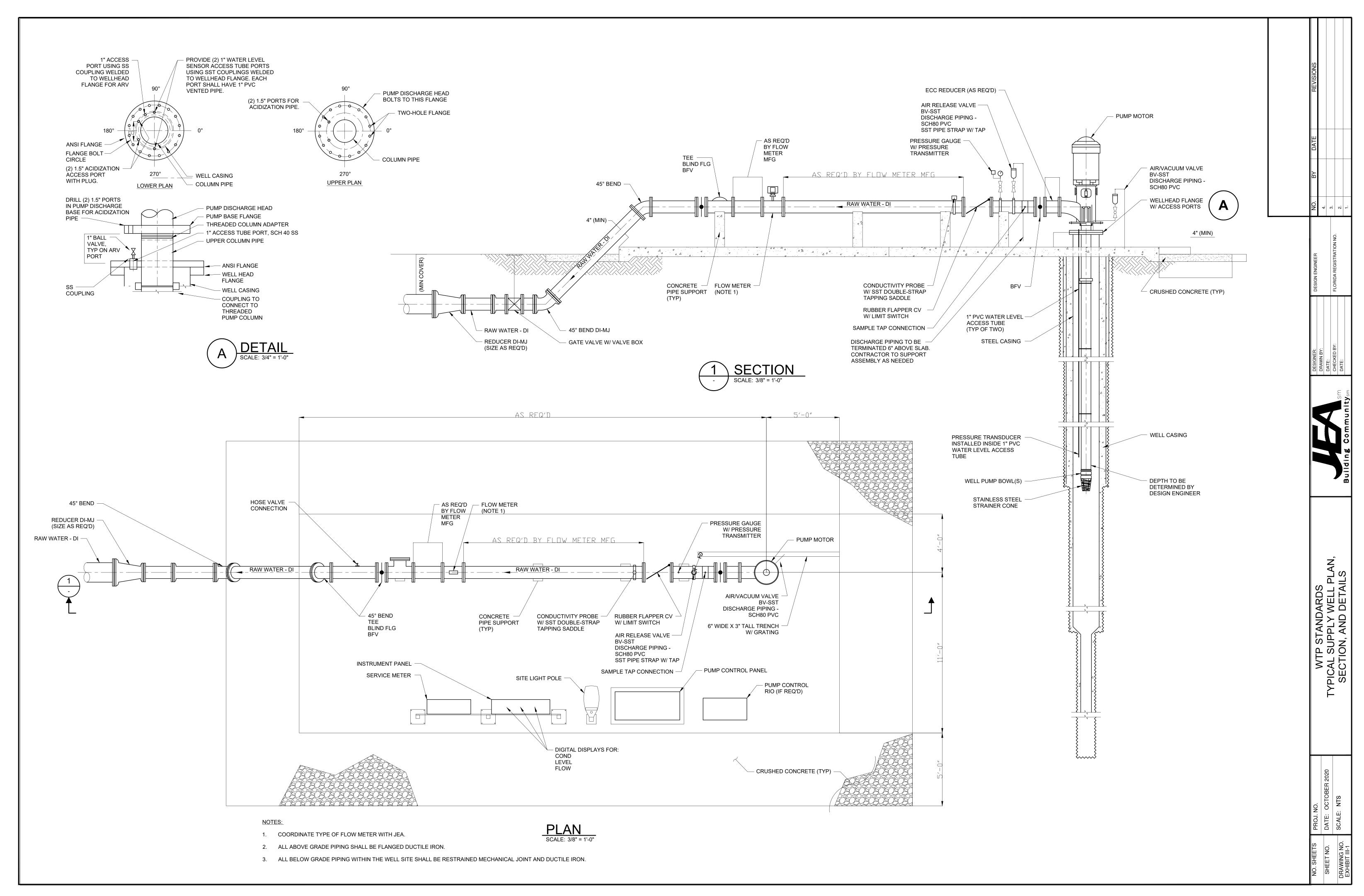
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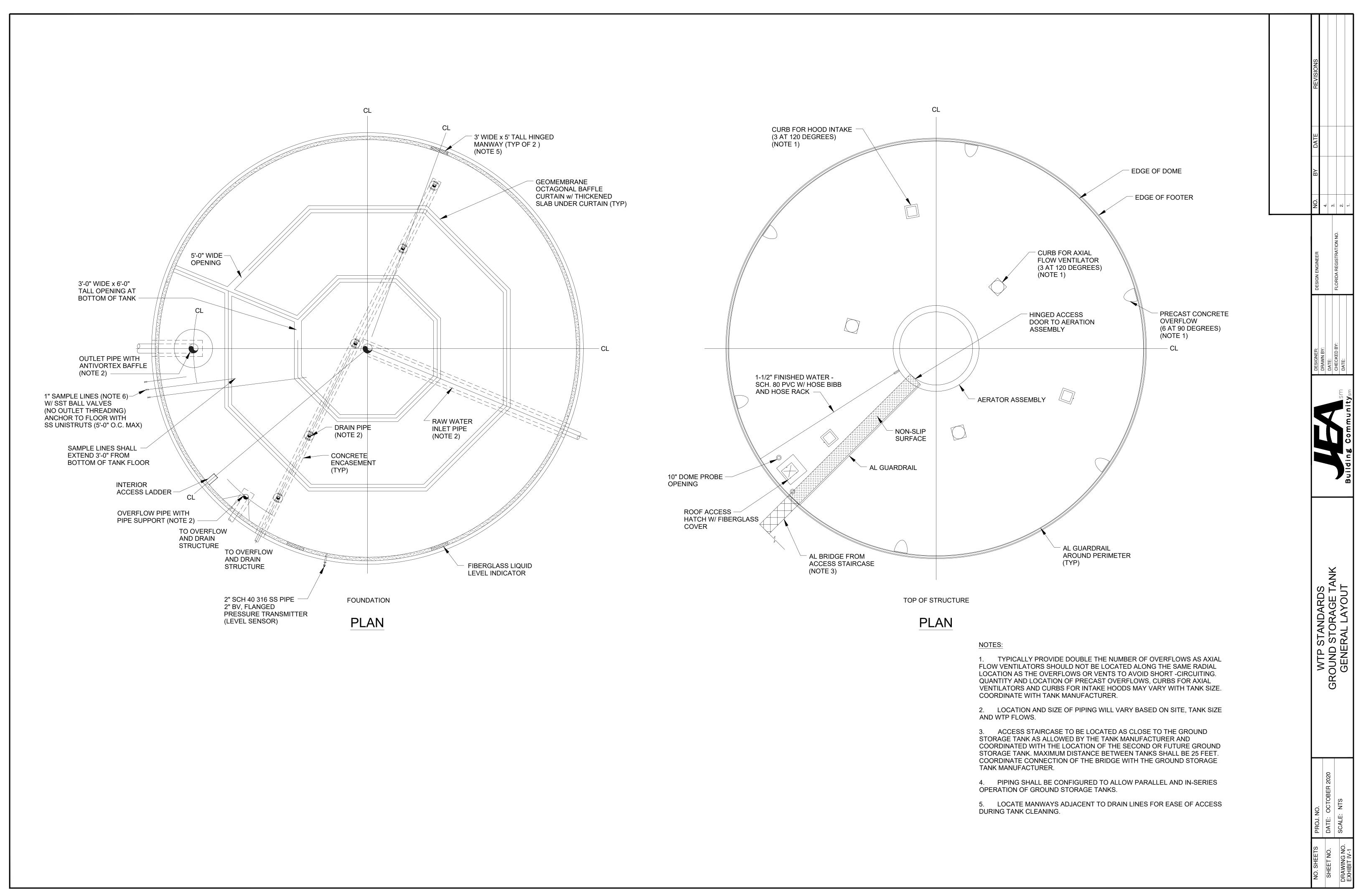
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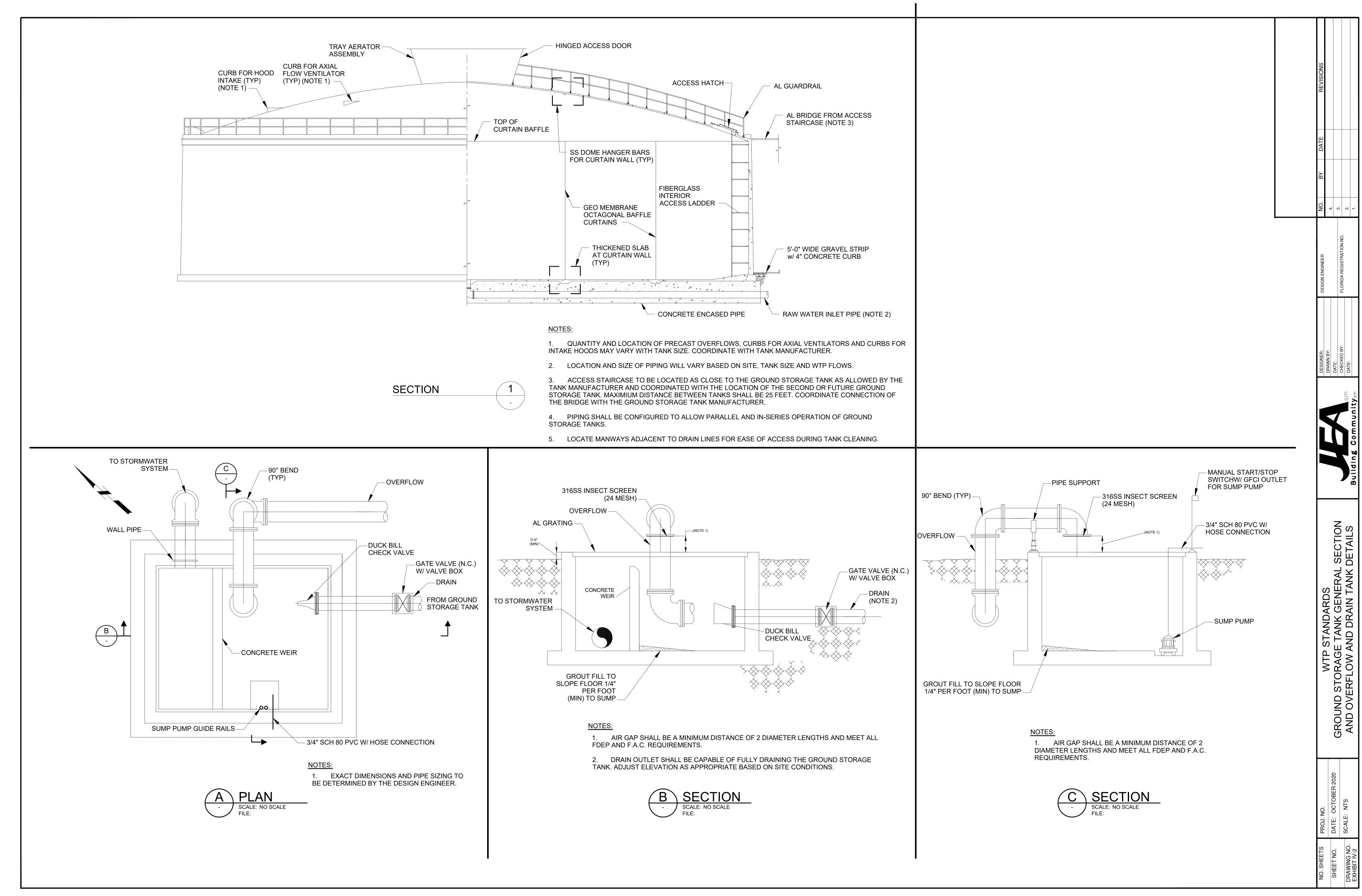


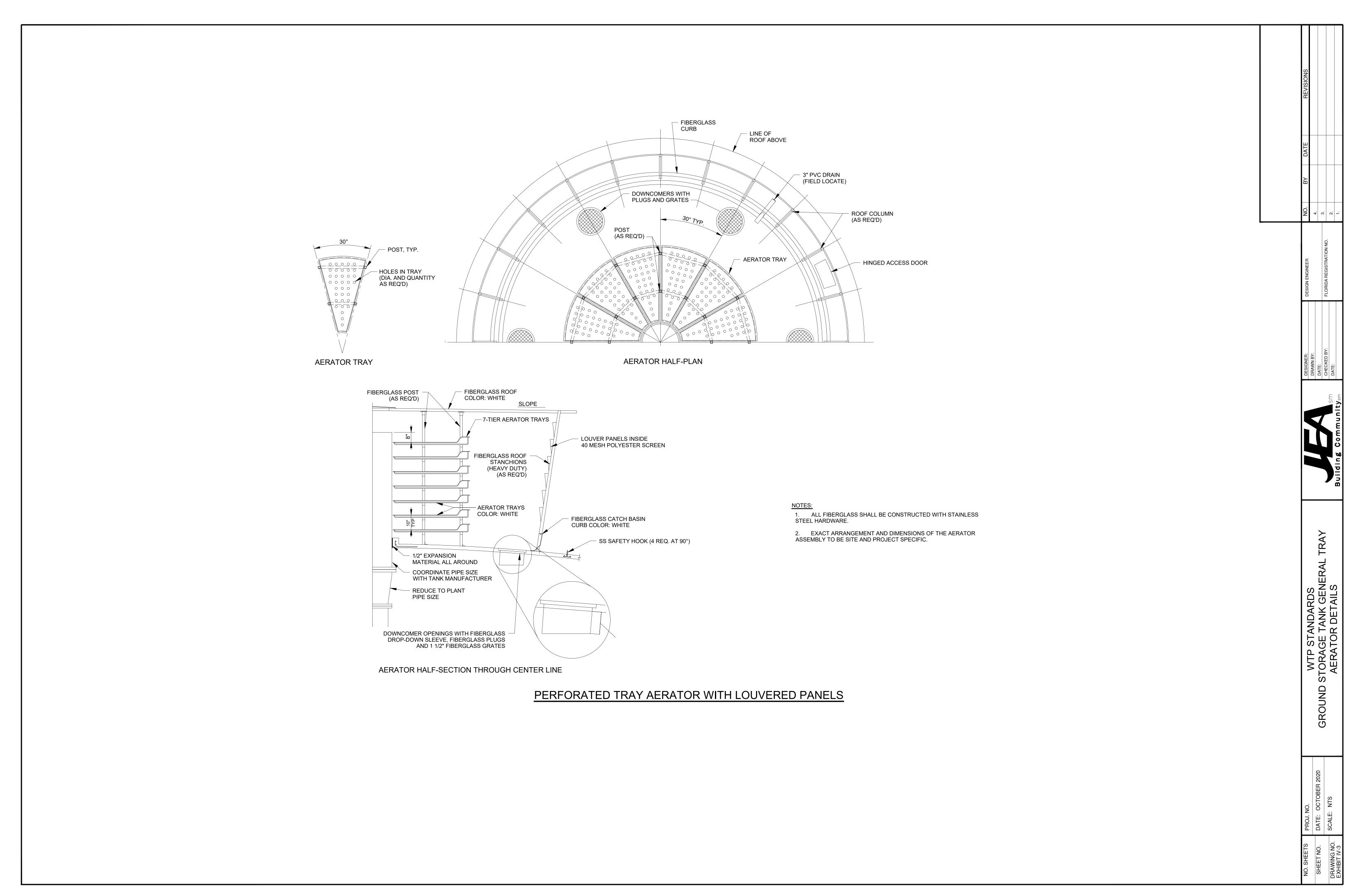


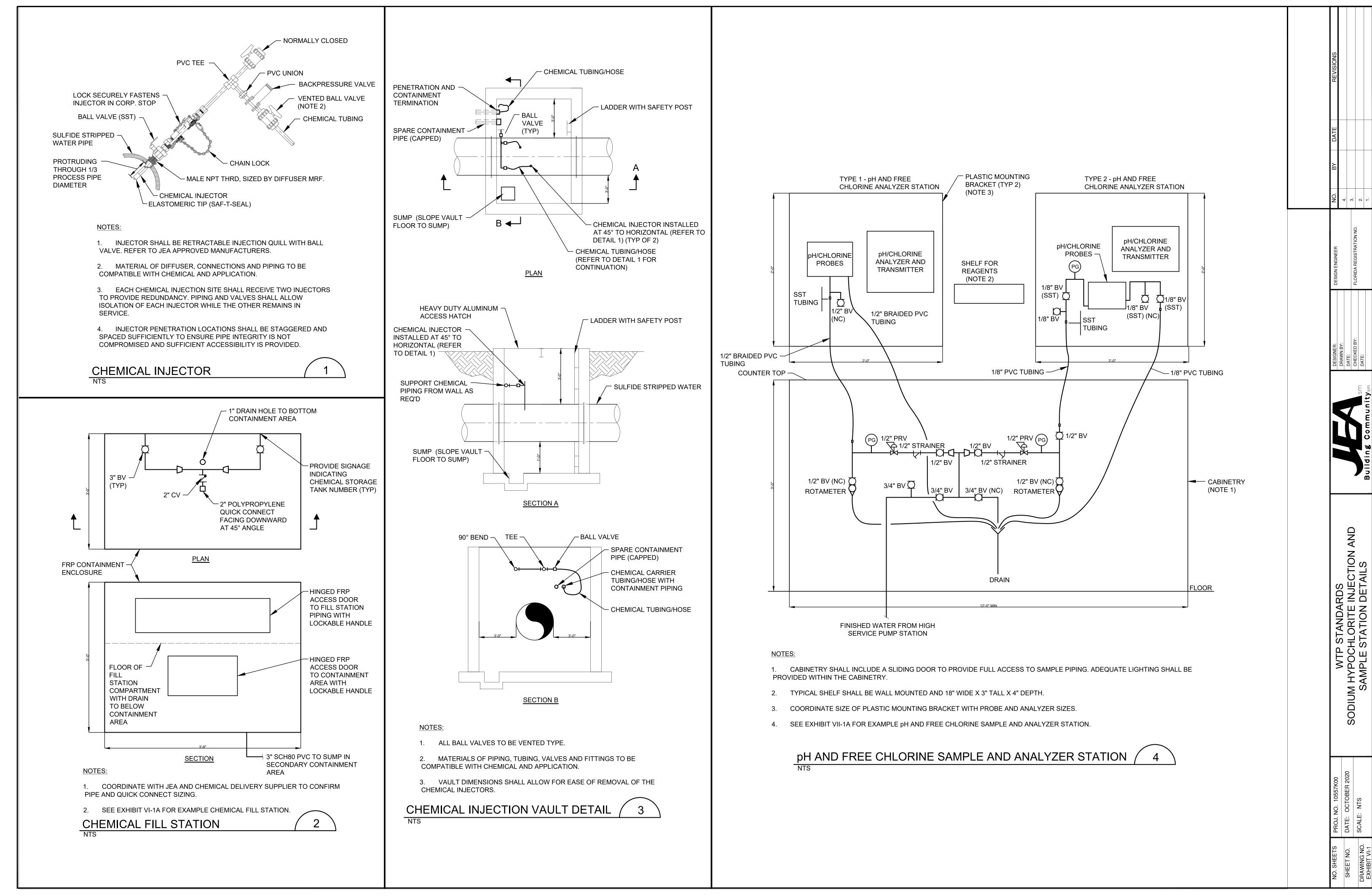












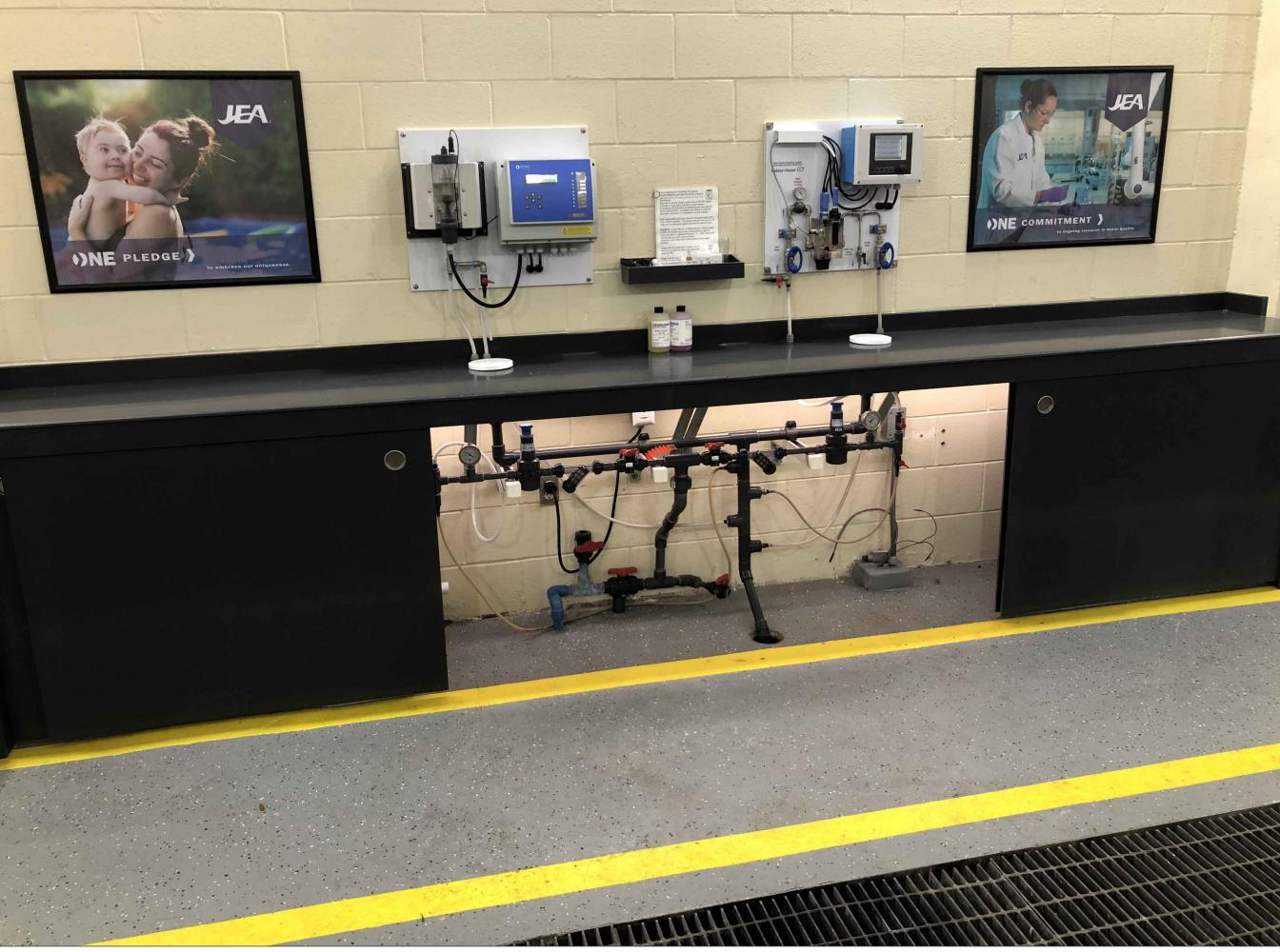


CHEMICAL FILL STATION PIPING



CHEMICAL FILL STATION

NTS



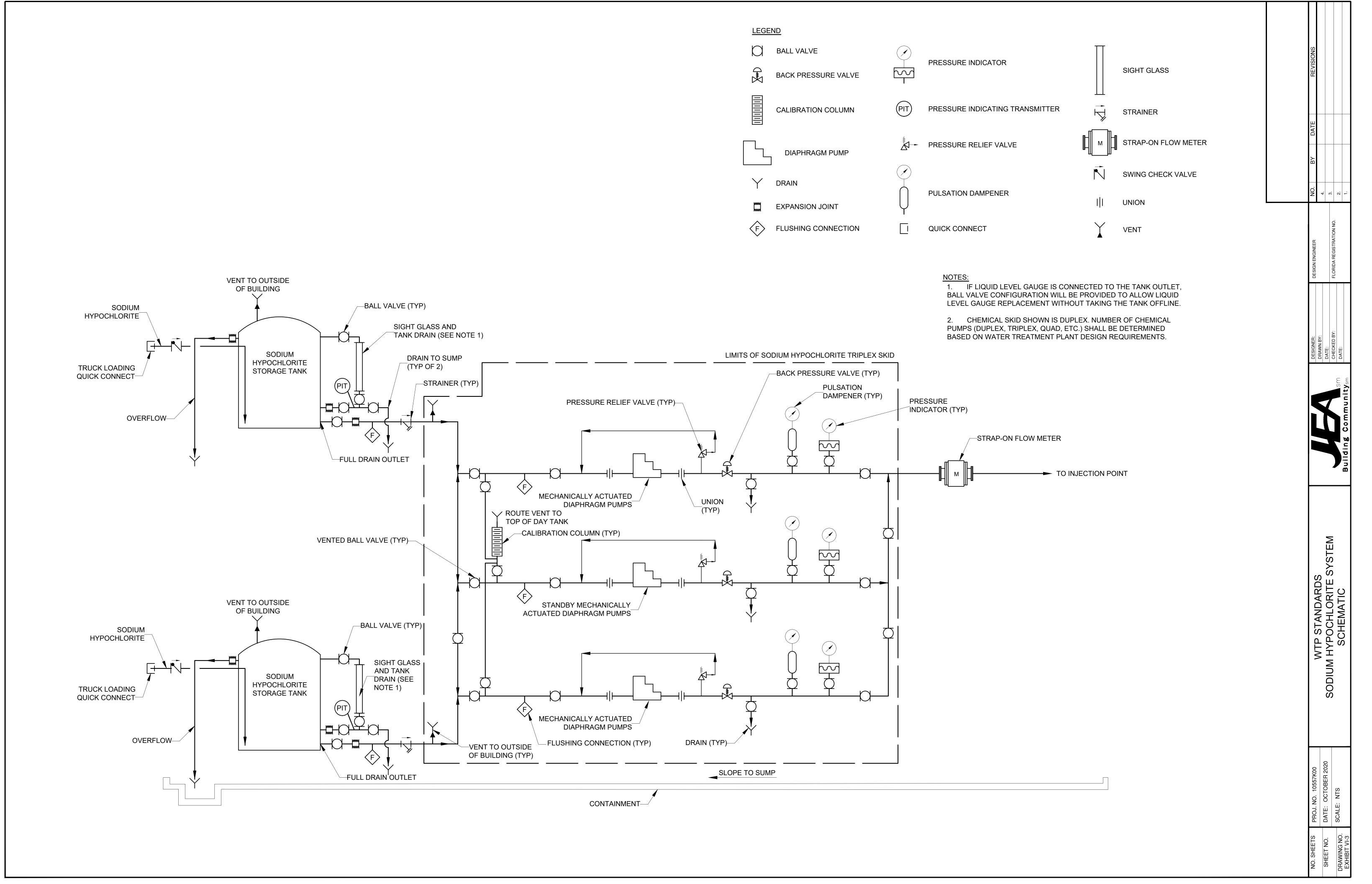
pH AND FREE CHLORINE SAMPLE AND ANALYZER STATION 2

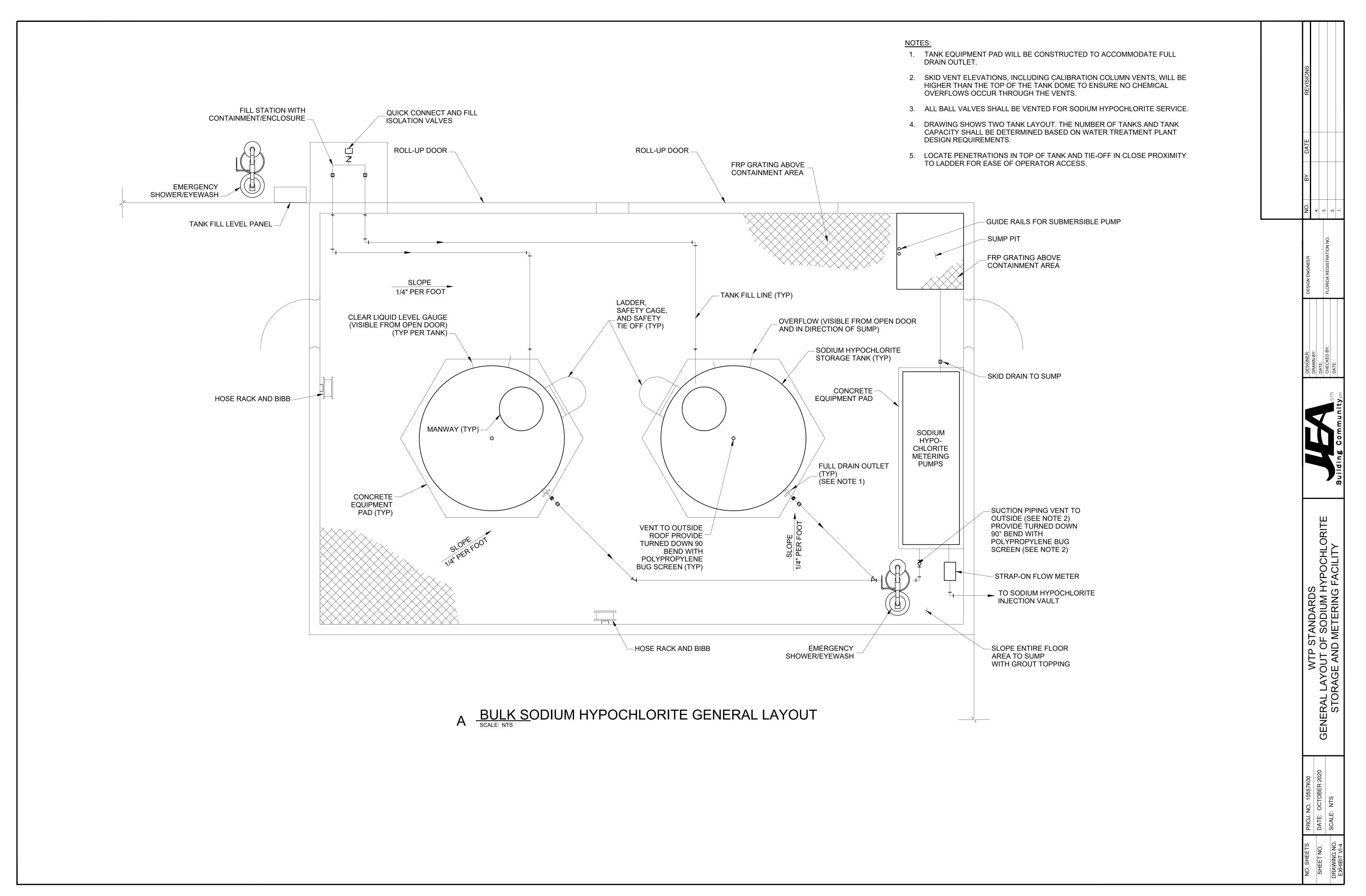
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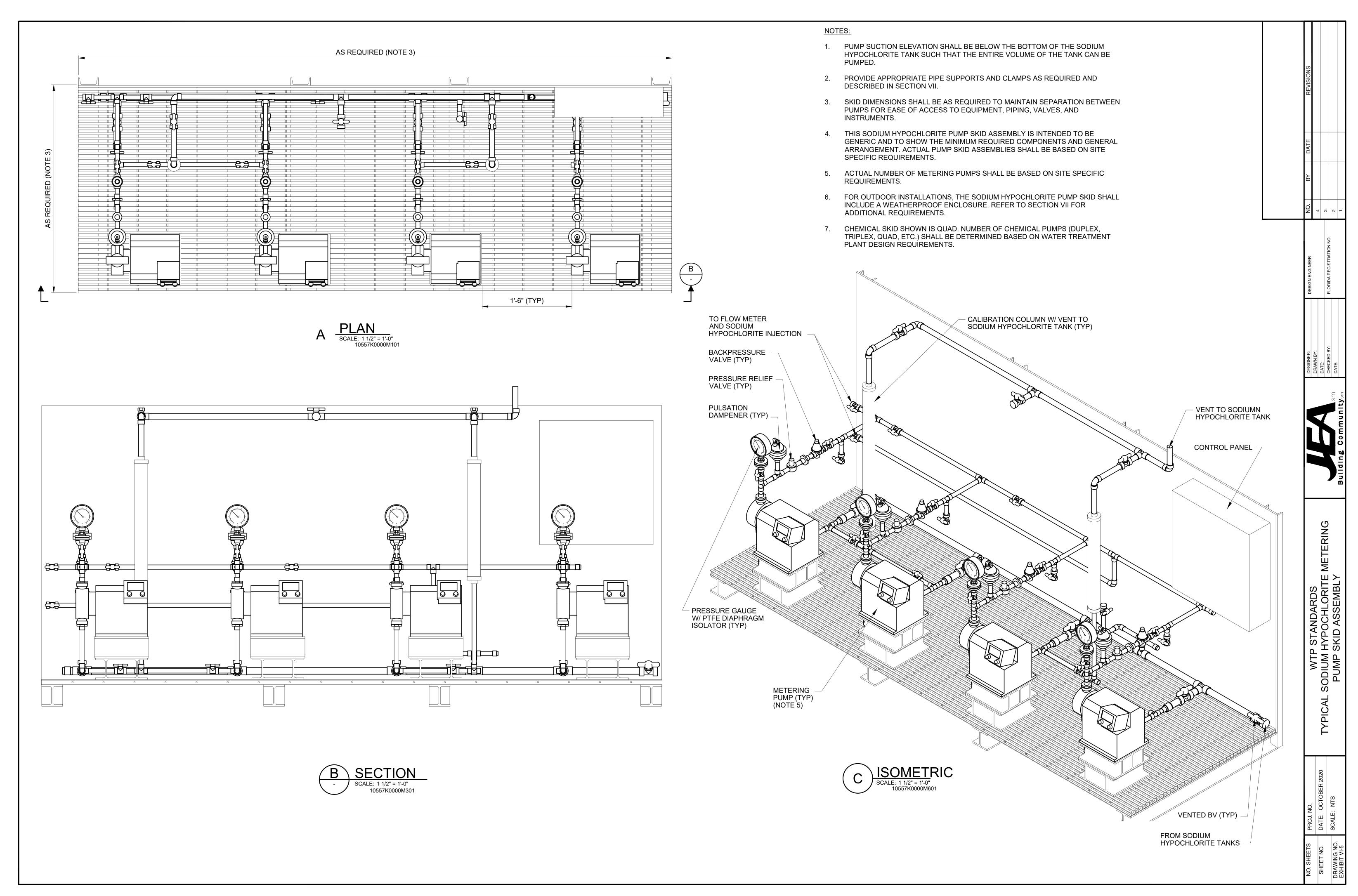
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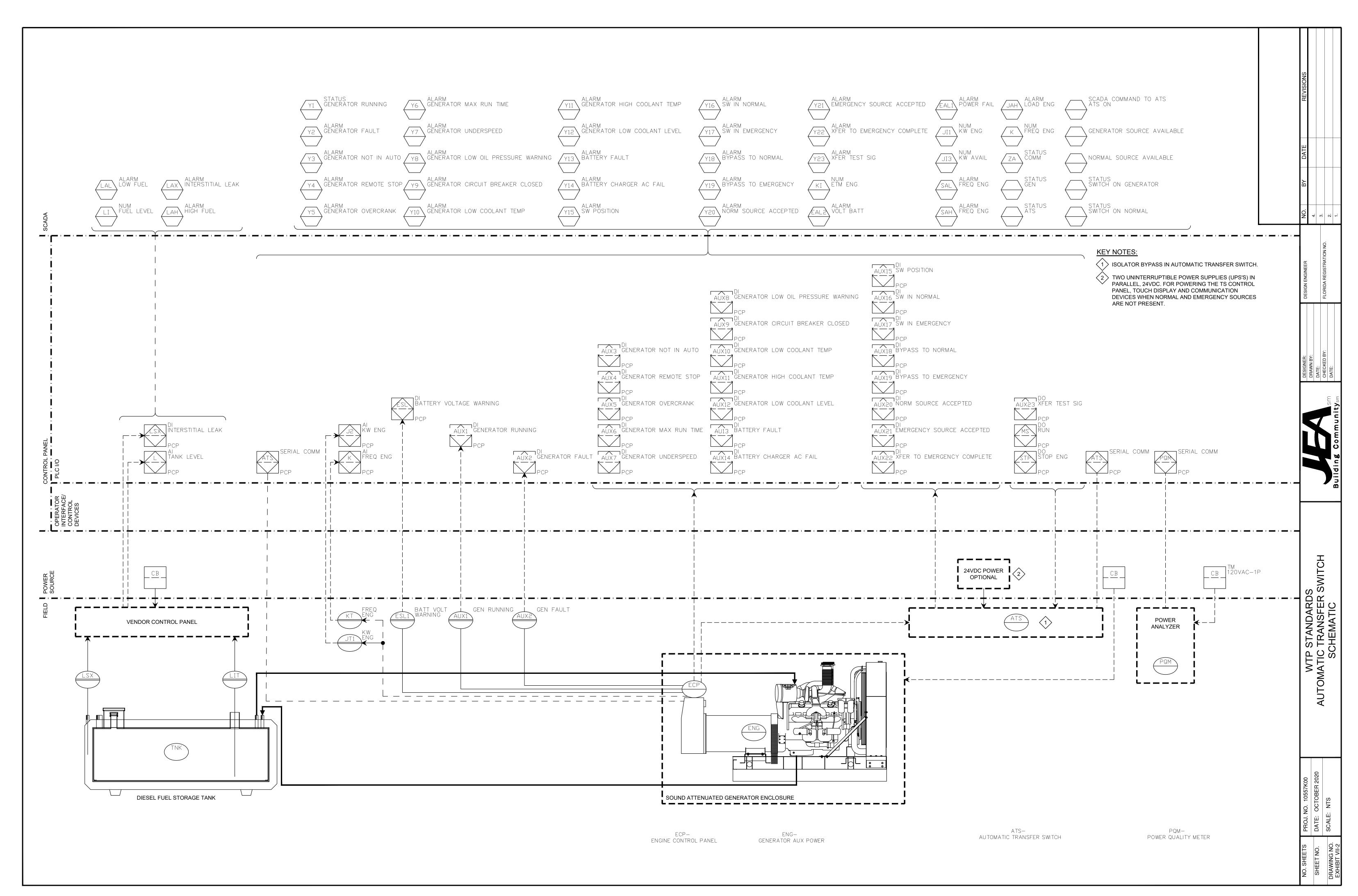
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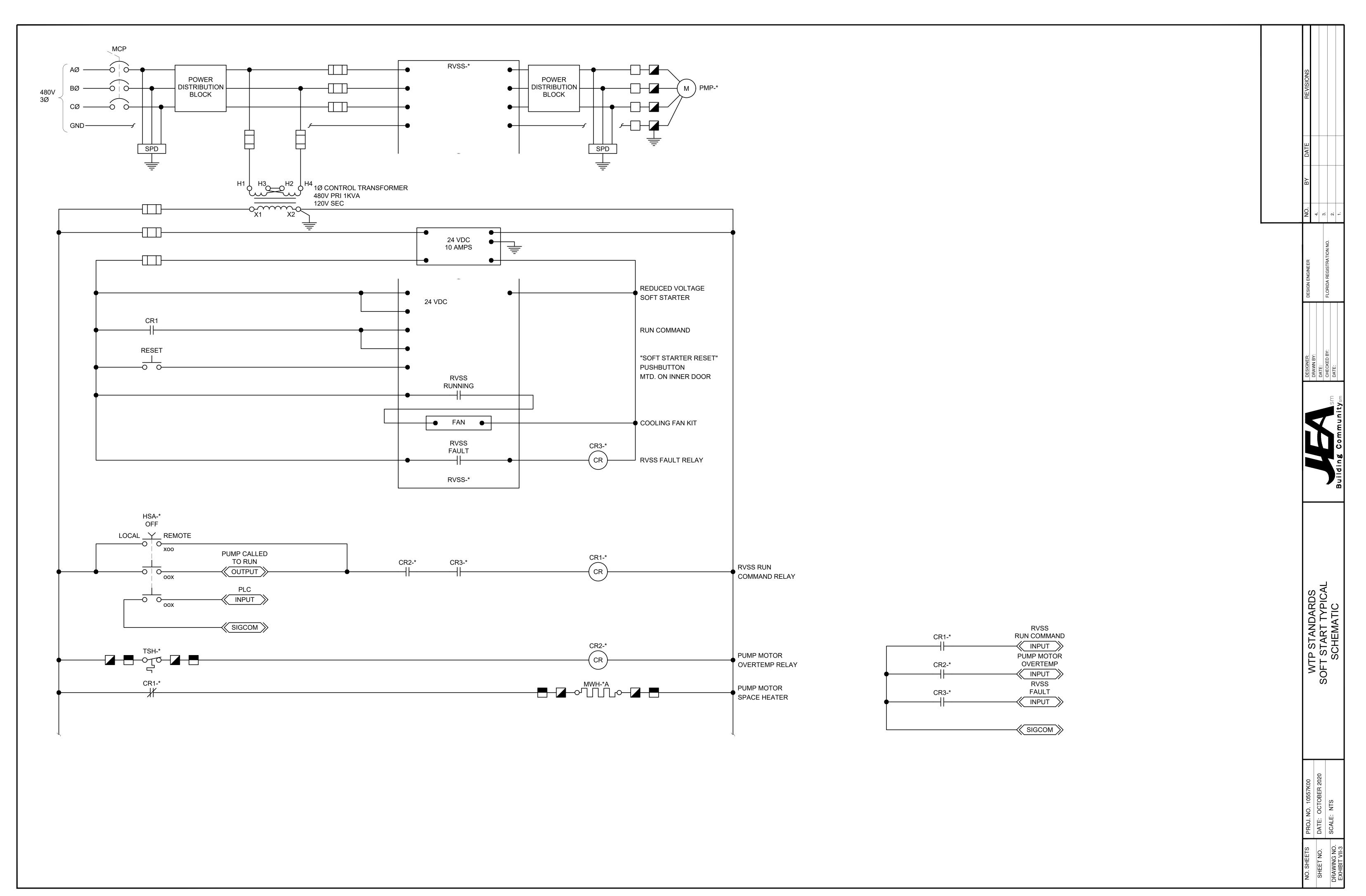
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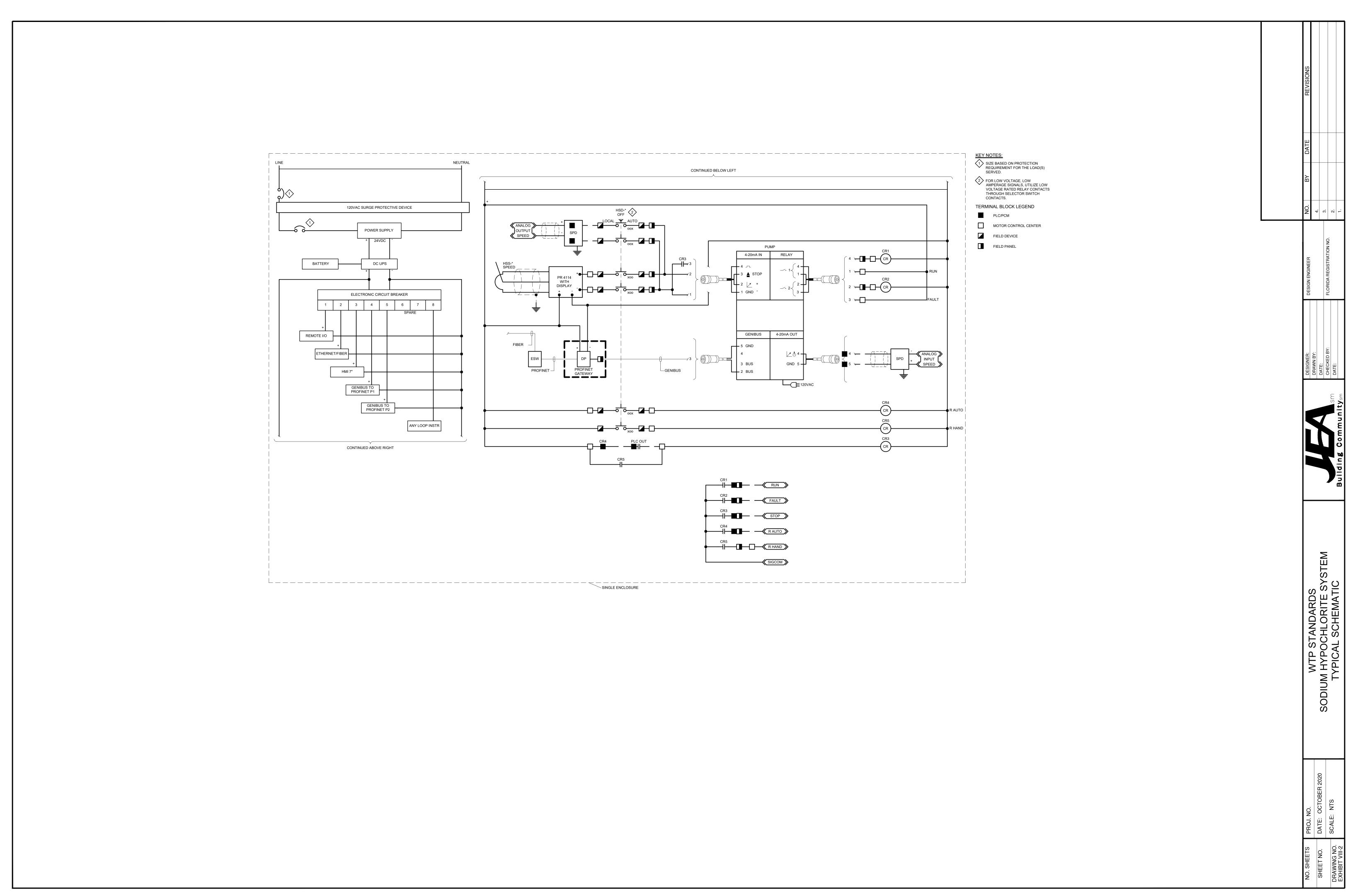


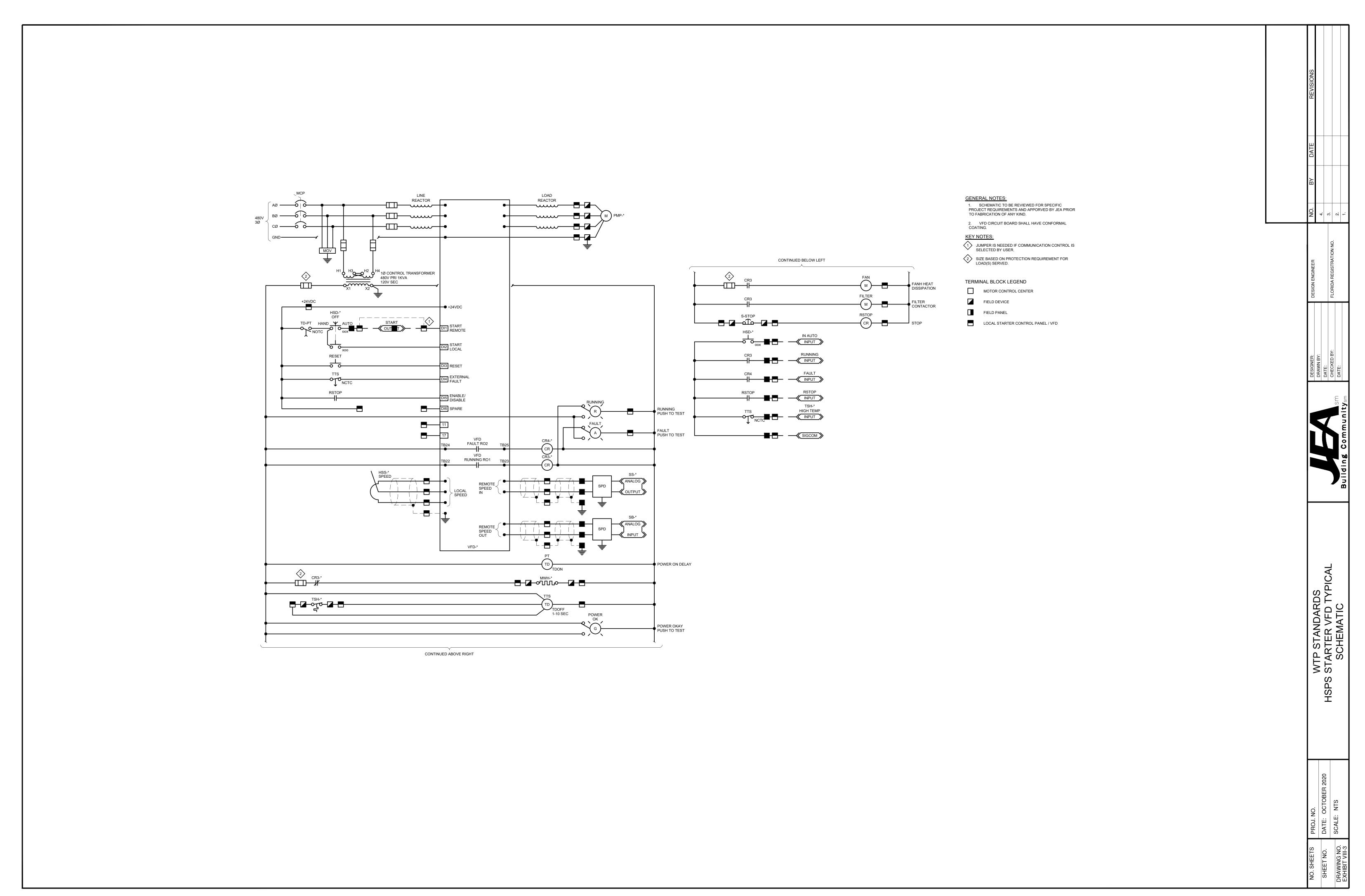


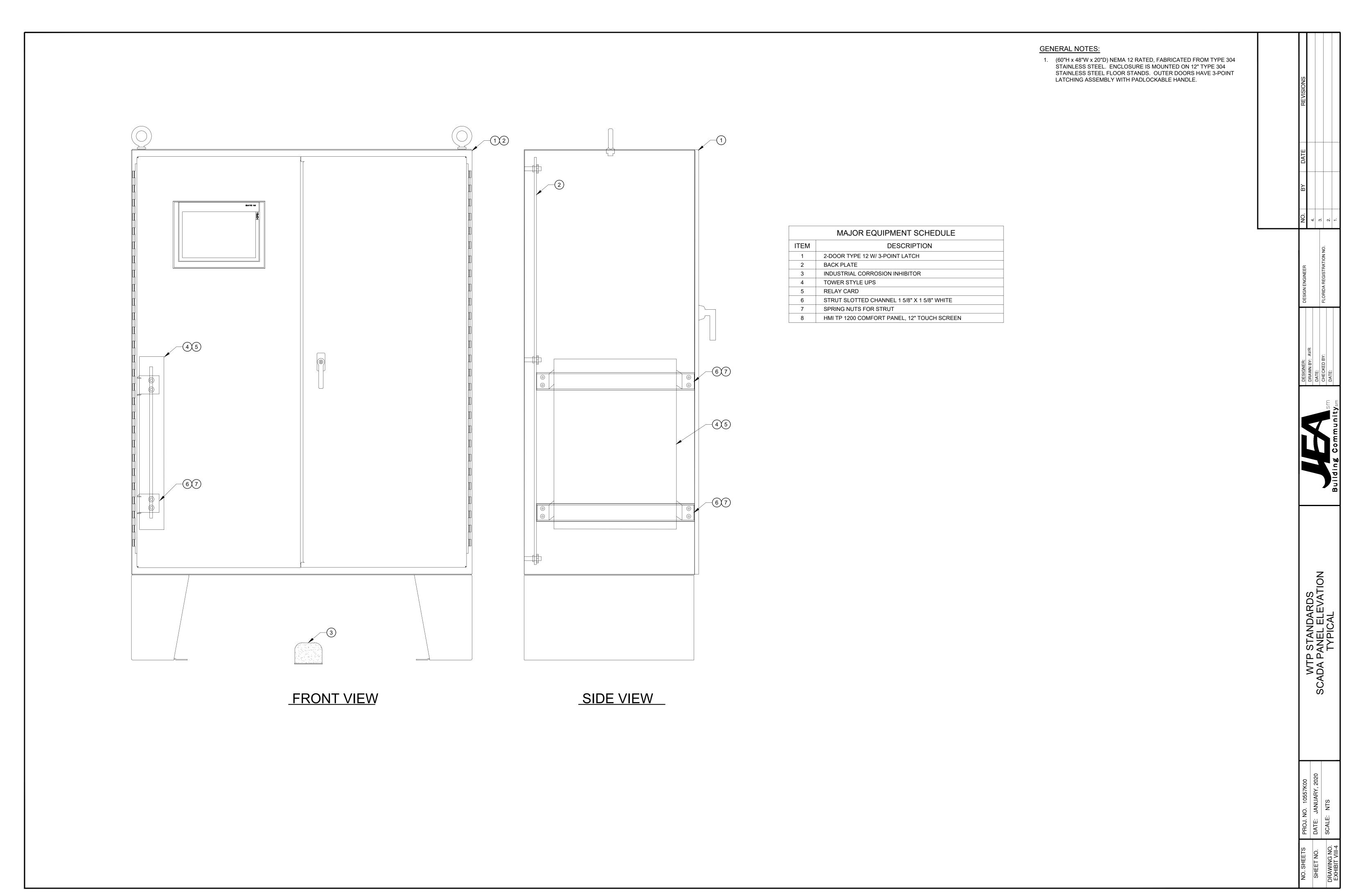


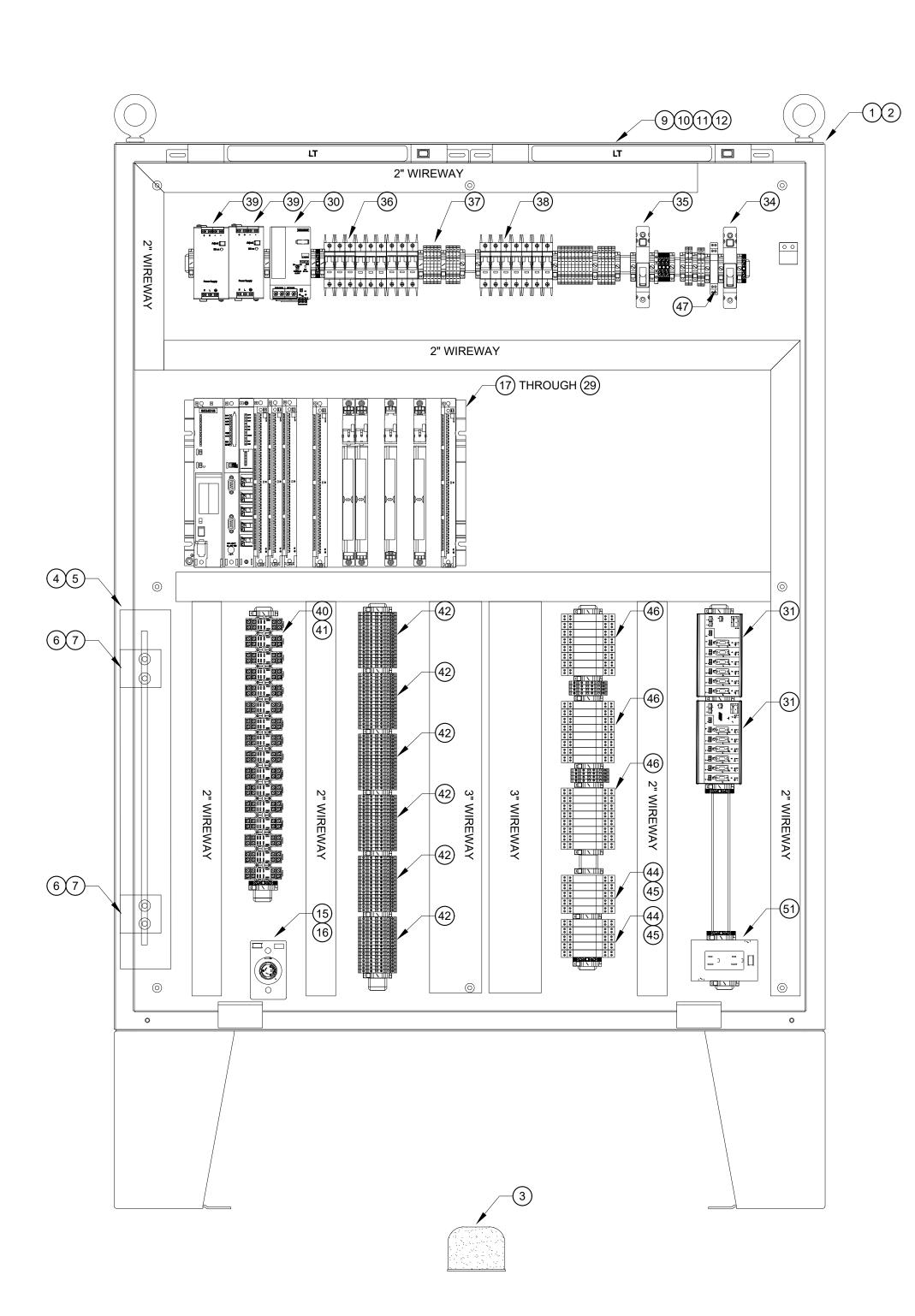












FRONT VIEW

ITEM	MAJOR EQUIPMENT SCHEDULE ITEM DESCRIPTION							
1	2-DOOR W/ 3-POINT LATCH; 60"x48"x24"							
2	BACK PLATE							
3	INDUSTRIAL CORROSION INHIBITOR							
4	TOWER STYLE UPS							
5	RELAY CARD							
6	STRUT SLOTTED CHANNEL 1 5/8"x1 5/8" WHITE							
7 8	SPRING NUTS FOR STRUT HMI TP 1200 COMFORT PANEL, 12" TOUCH SCREEN							
9	15" FLUORESCENT FIXTURE							
10	FLUORESCENT LAMP							
11	FIXTURE POWER CABLE W/ LEADS							
12	FIXTURE GANGING CABLE							
13	NEMA L5-20 TWIST-LOCK MALE PLUG							
14	POWER CORD							
15	L5-20 TWIST-LOCK MALE PLUG ELECTRICAL BOX 1-GANG ALUMINIUM							
16								
17	SIEMENS PLC							
18	POWER SUPPLY							
19	BACK-UP BATTERY							
20	SIEMENS CPU							
21	RAM MEMORY CARD							
22	COMMUNICATION PROCESSOR							
23	DIGITAL INPUT							
24	DIGITAL INPUT							
25	DIGITAL OUTPUT							
26	ANALOG INPUT							
27	ANALOG OUTPUT							
28	FRONT CONNECTOR FOR SIGNAL MODULES							
29	BLANK MODULE COVERS FOR RACK							
30	REDUNDANT DC POWER SUPPLY MODULE							
31	PROFIBUS HUB							
32	PROFIBUS CONNECTOR W/ DIAGNOSTICS LED'S 45° ANGLE							
33	PROFIBUS CONNECTOR W/ DIAGNOSTICS LED'S 90° ANGLE							
34	BREAKER							
35	BREAKER							
36	BRANCH CIRCUIT BREAKER							
37	BRANCH CIRCUIT BREAKER							
38	BRANCH CIRCUIT BREAKER							
39	DC POWER SUPPLY							
40	RELAY							
41	RELAY BASE							
41	SURGE PROTECTOR FOR 120VAC SIGNALS							
43	SURGE PROTECTOR FOR 24 VDC SIGNALS							
44	SURGE PROTECTOR FOR RS-485/PROFIBUS CONNECTIONS							
45	SURGE PROTECTOR BASE							
46	SURGE PROTECTOR FOR 24V 4-20 MA SIGNALS							
47	SURGE PROTECTOR FOR 120V SIGNALS							
48	TERMINAL 1 CIRCUIT							
49	GROUNDING TERMINAL GREEN YELLOW							
50	TERMINAL END CLAMP							

GENERAL NOTES:

- 1. (60"H x 48"W x 20"D) NEMA 12 RATED, FABRICATED FROM TYPE 304 STAINLESS STEEL. ENCLOSURE IS MOUNTED ON 12" TYPE 304 STAINLESS STEEL FLOOR STANDS. OUTER DOORS HAVE 3-POINT LATCHING ASSEMBLY WITH PADLOCKABLE HANDLE.
- ENCLOSURE BACK PANEL FABRICATED FROM CARBON STEEL WITH INDUSTRIAL GRADE WHITE ENAMEL FINISH.

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DESIGN ENGINEER

FLORIDA REGISTRATION N

DESIGNER:
DRAWN BY: AVR
DATE:
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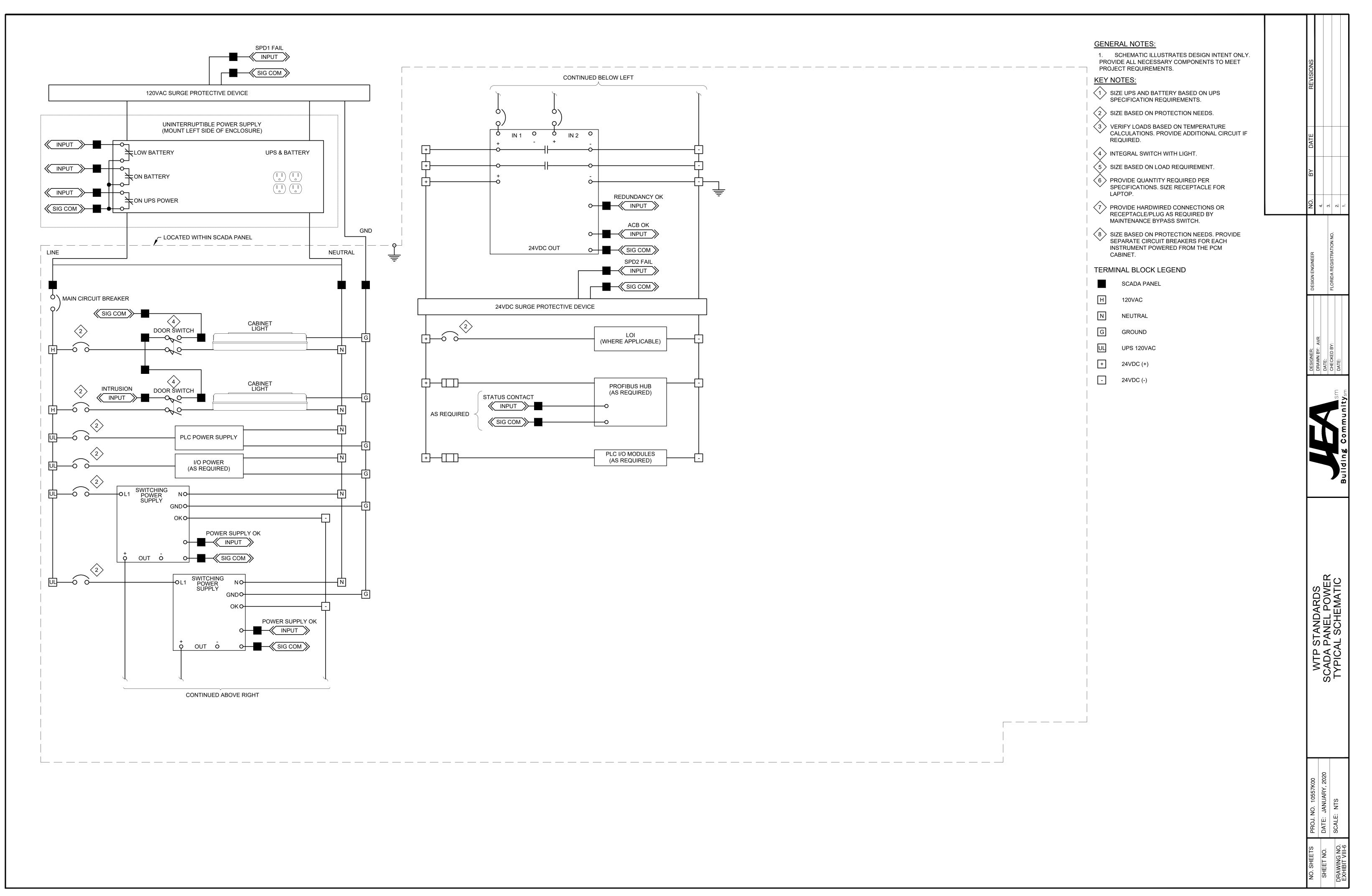
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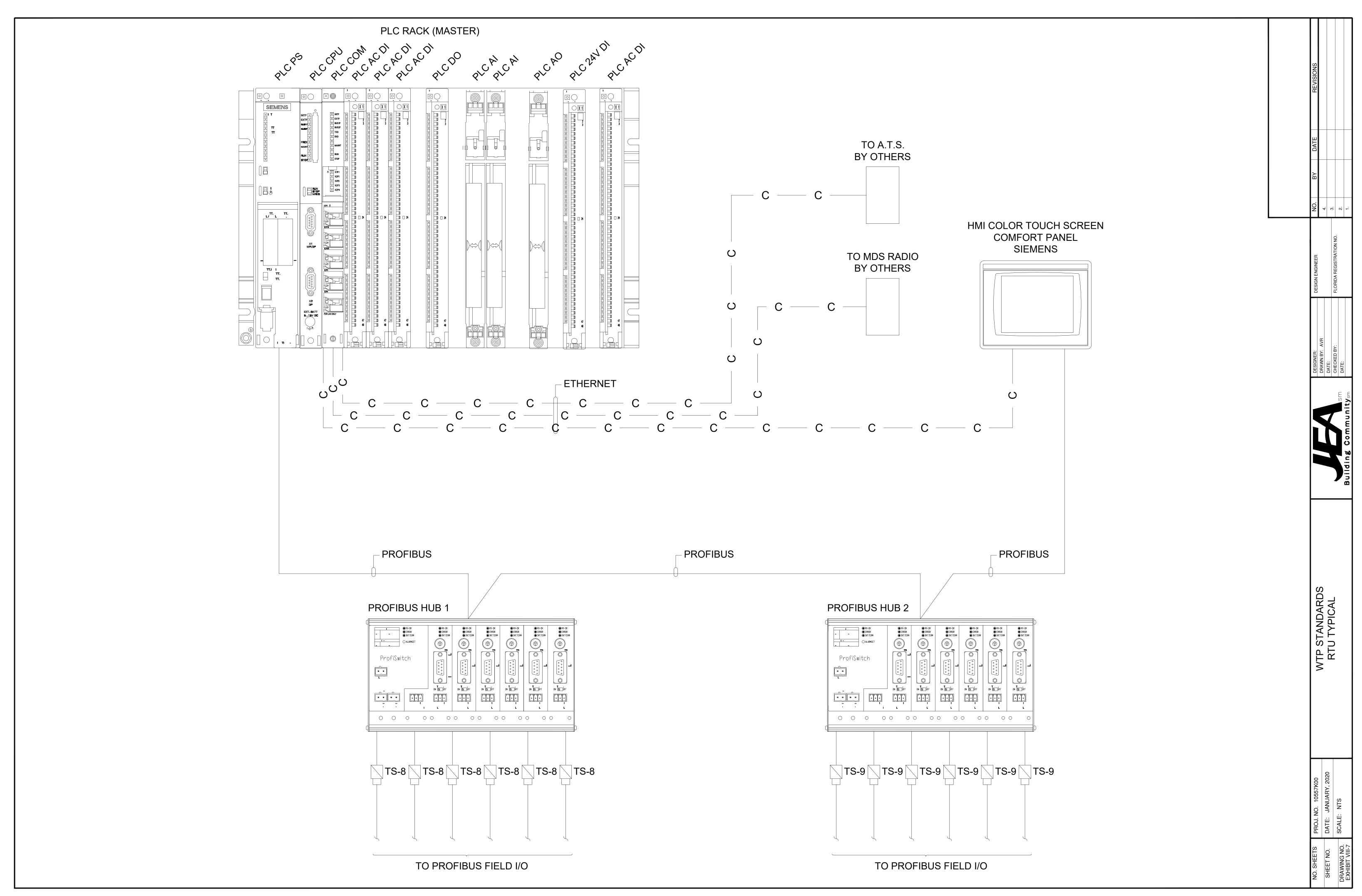
WTP STANDARDS

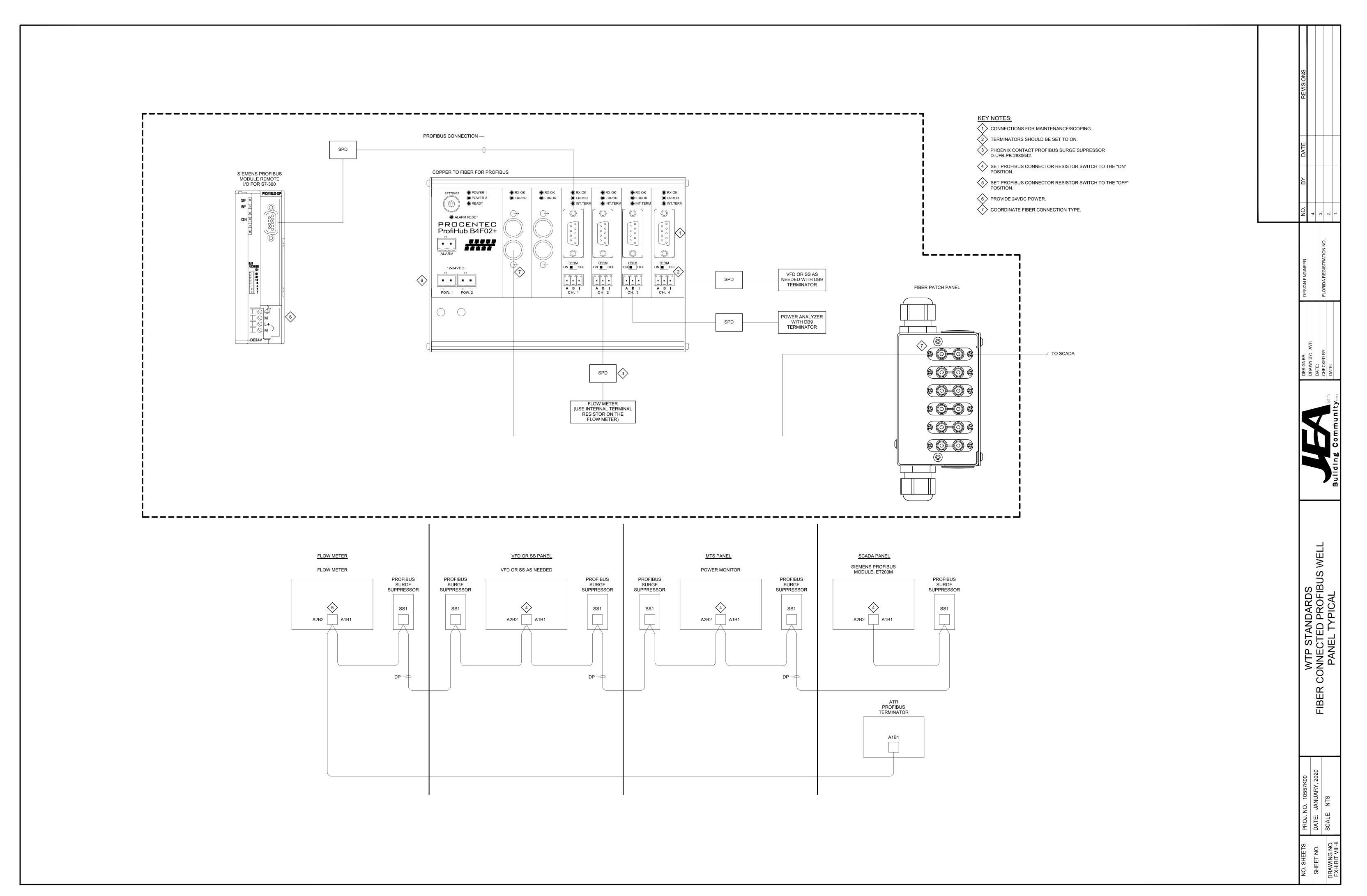
NDA PANEL INTERNAL ELEVATI

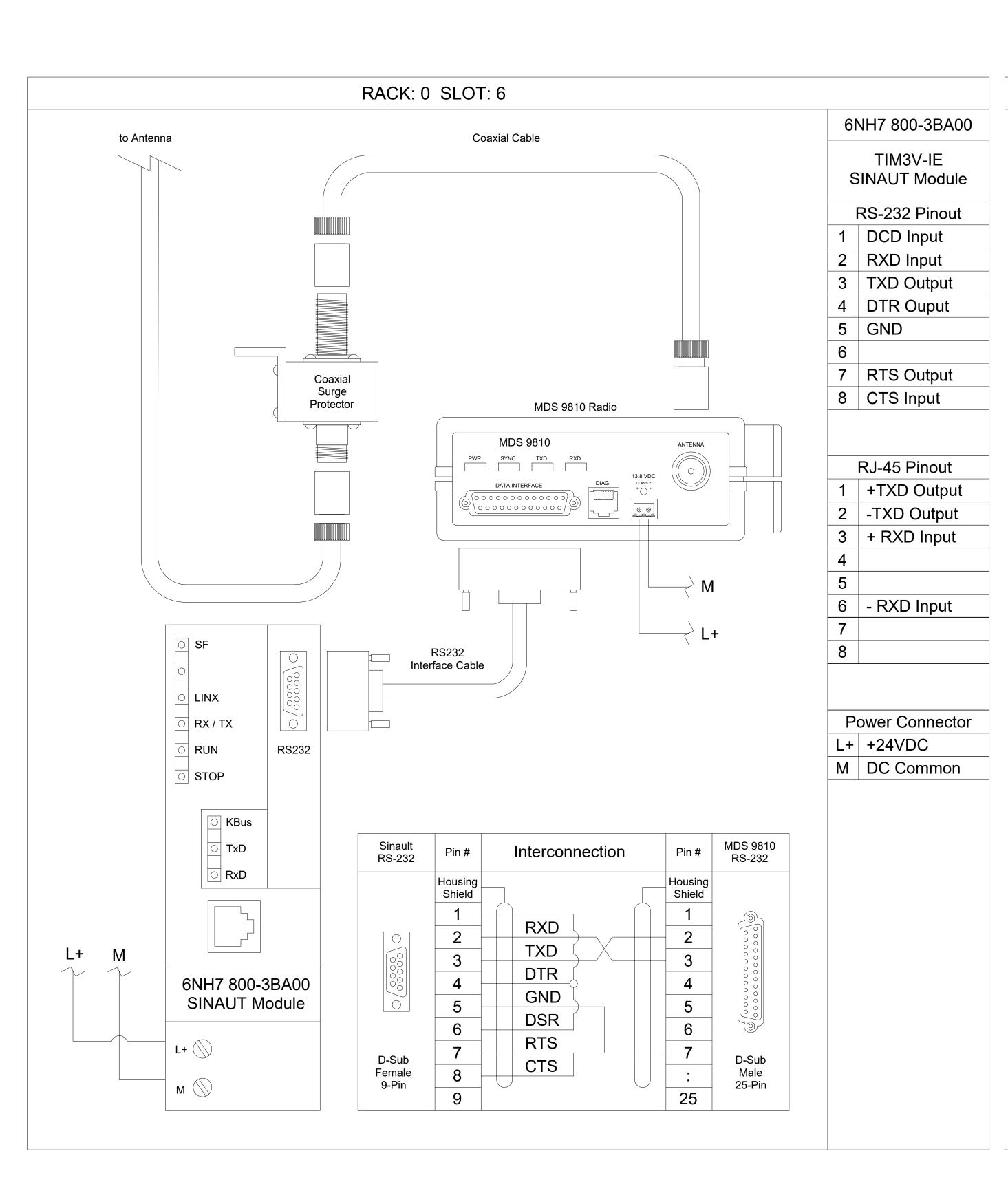
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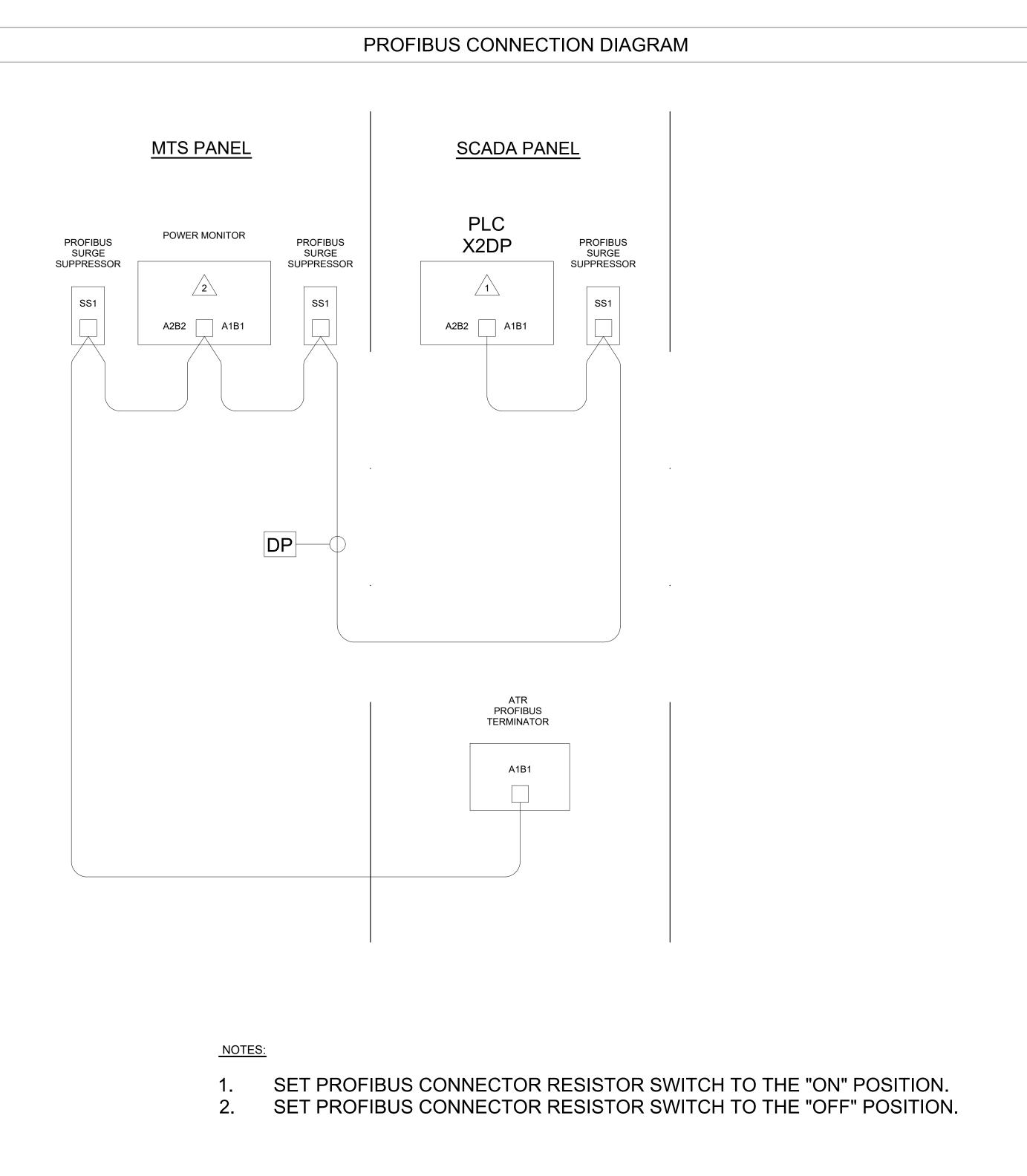
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WTP STANDARDS
RADIO CONNECTED PROFIBUS WELL
PANEL TYPICAL

