JEA Water & Wastewater Standards Manual

Volume VA: Water Treatment Plant Details

January 1, 2022 – Edition

"Foundation for the Future - Water & Wastewater Standards"

JEA Water and Wastewater Standards Distribution and Collection Details

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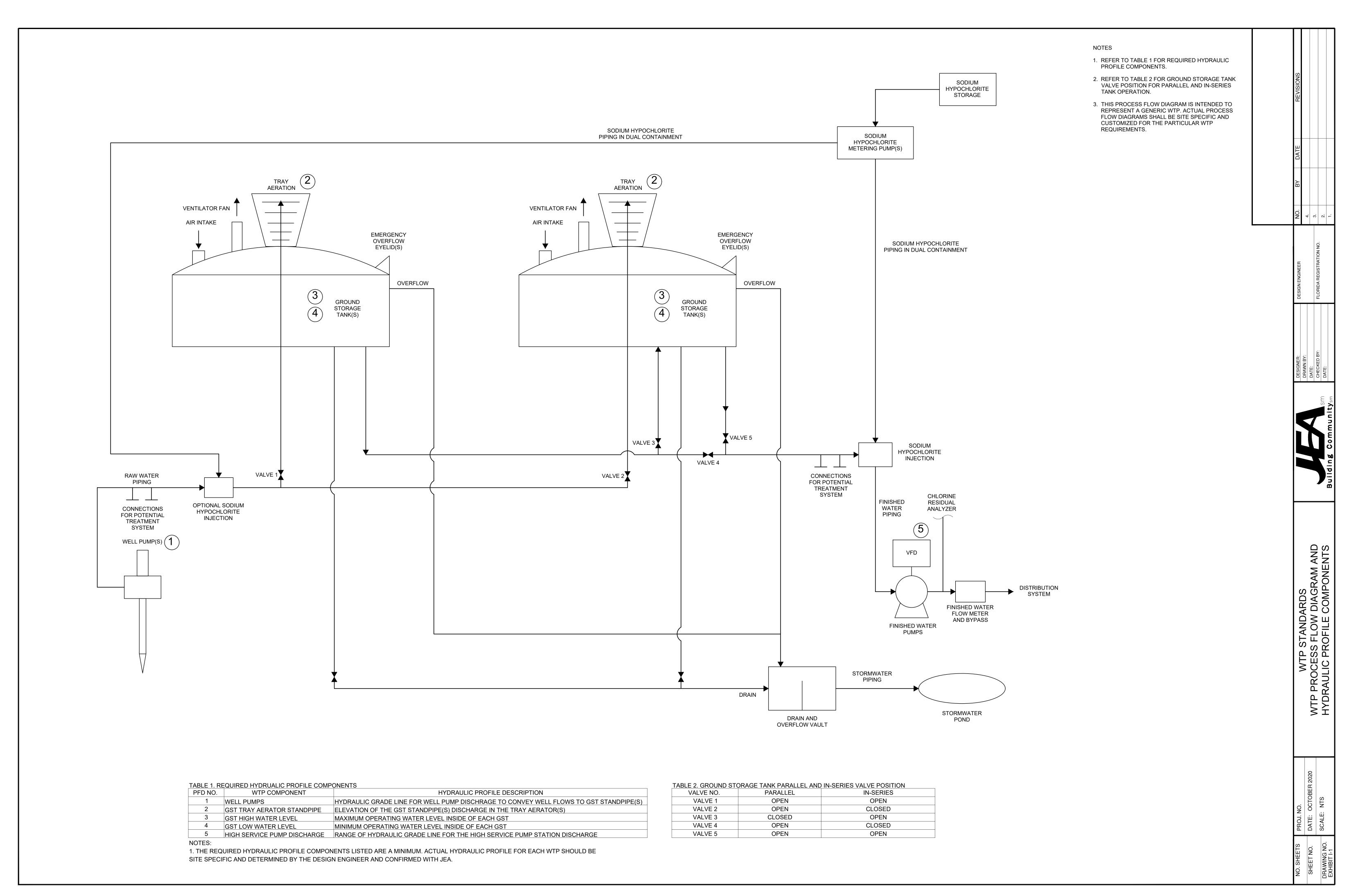
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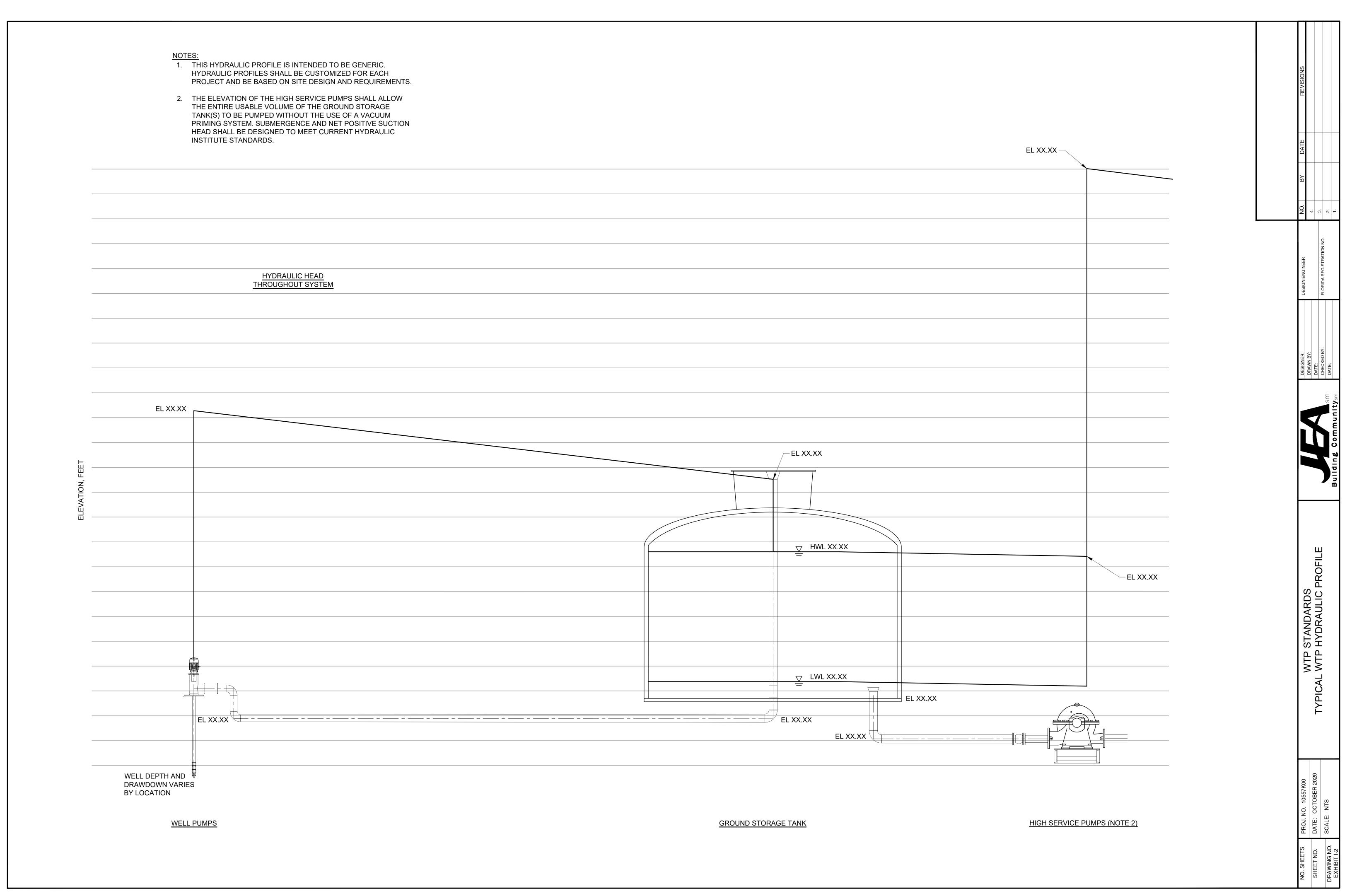
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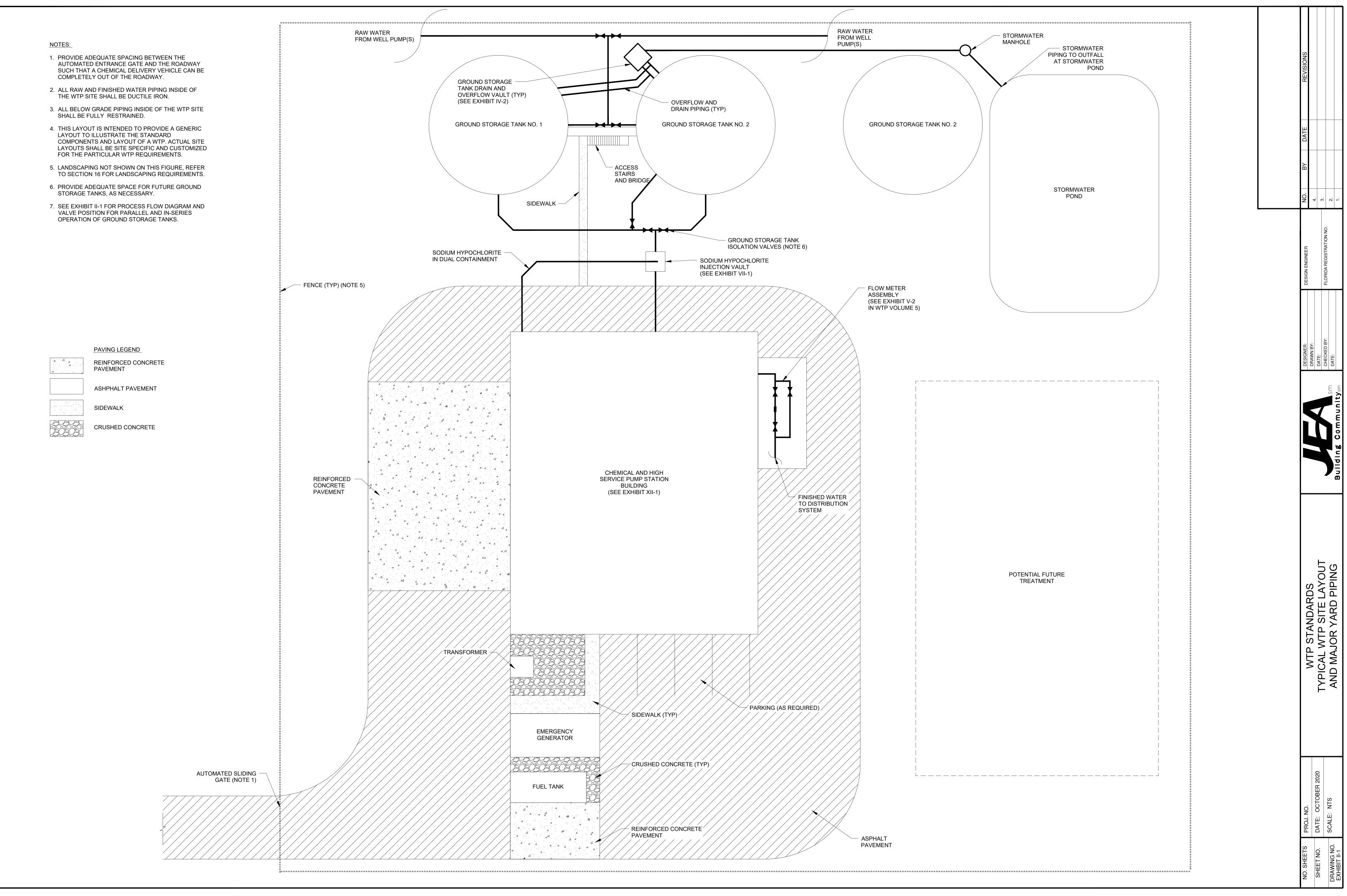
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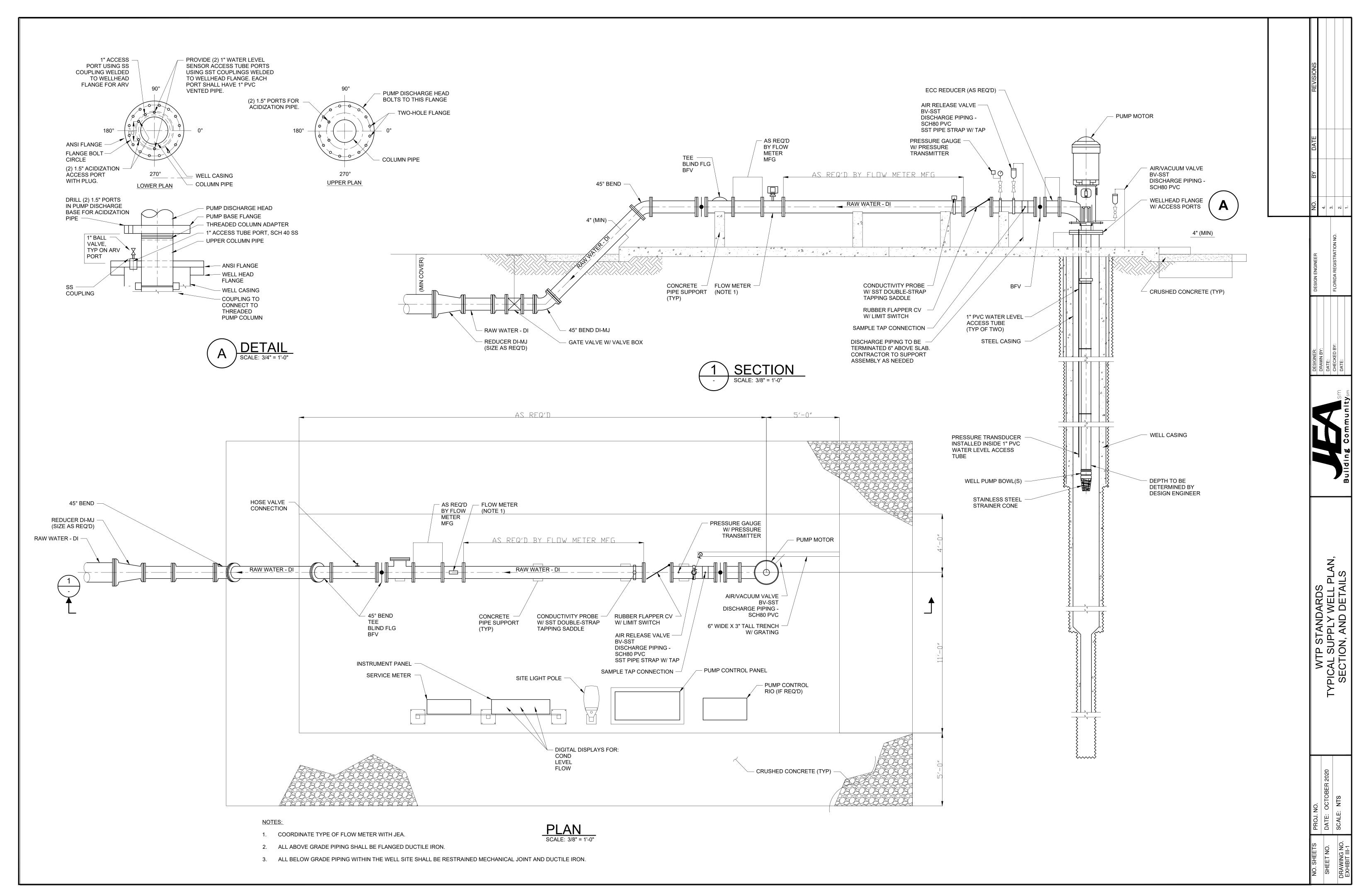
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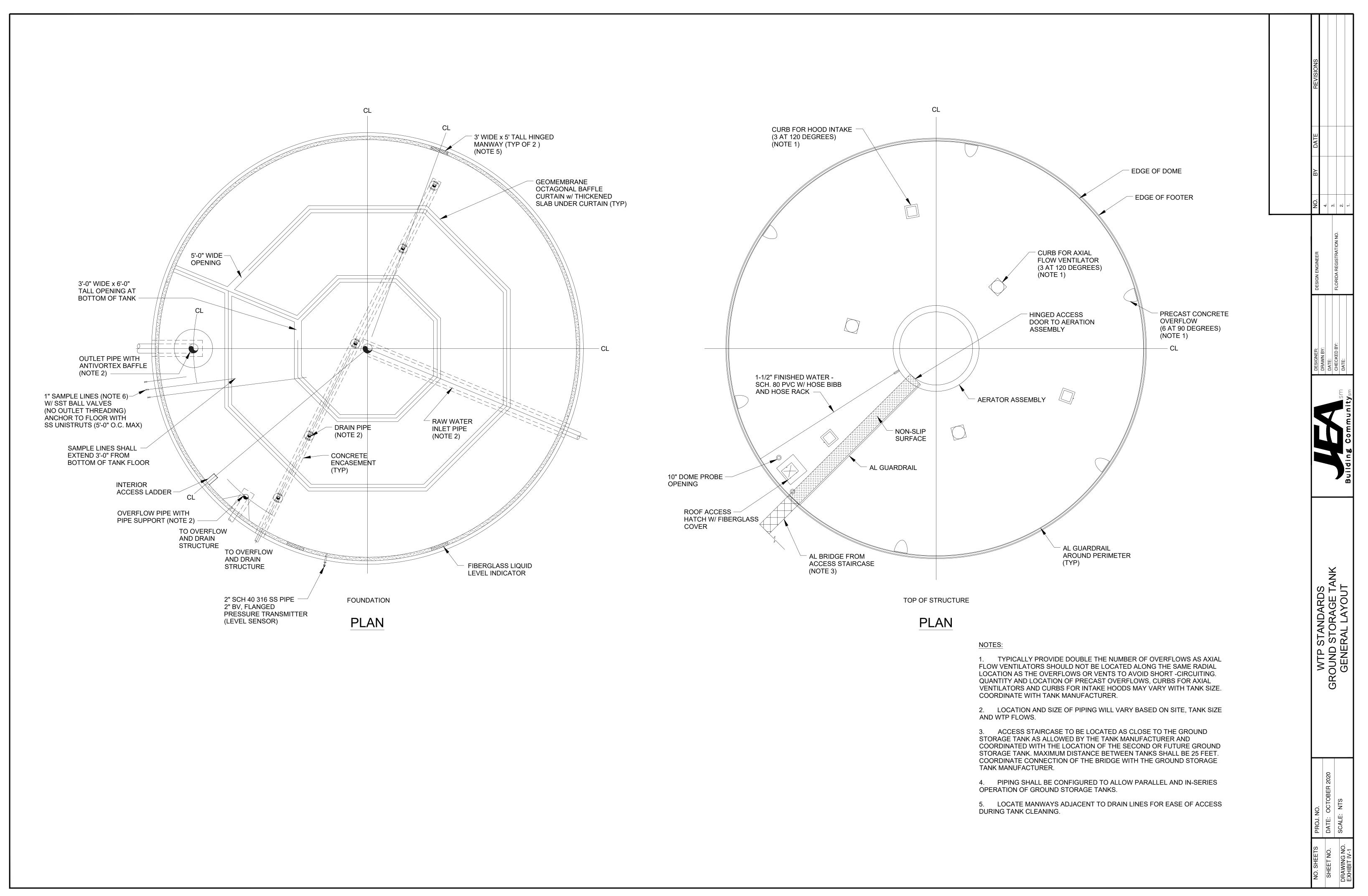
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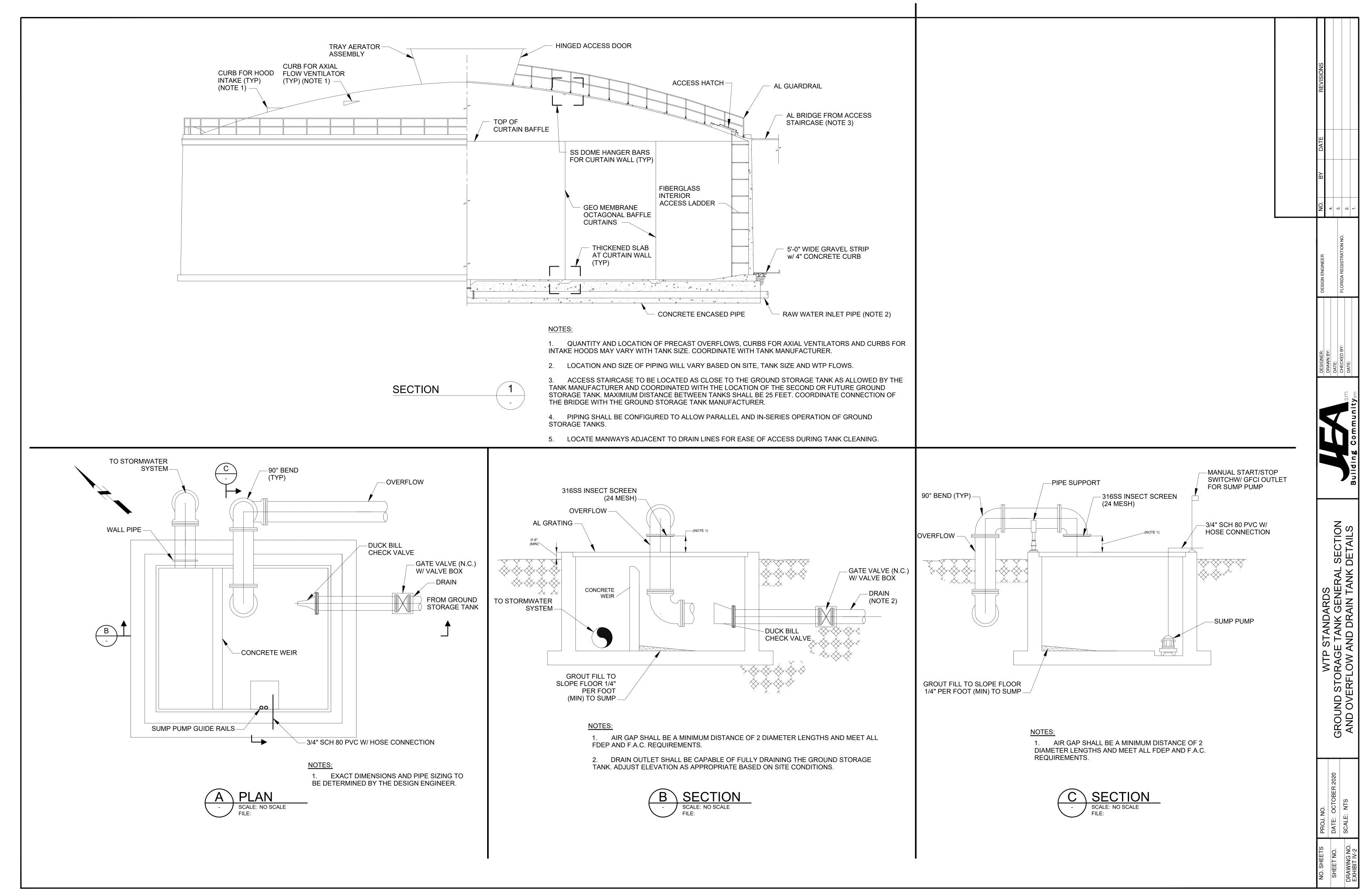


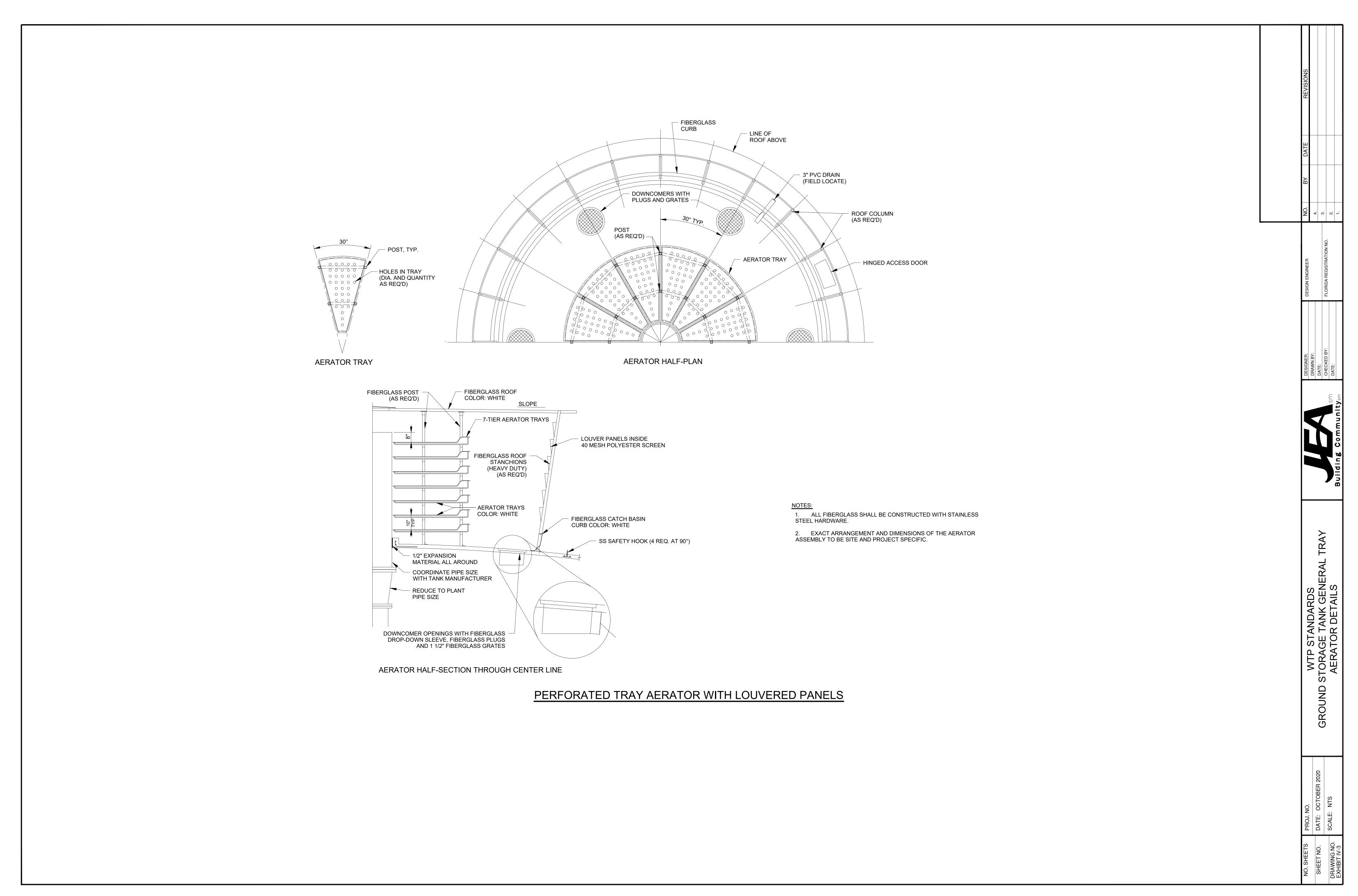


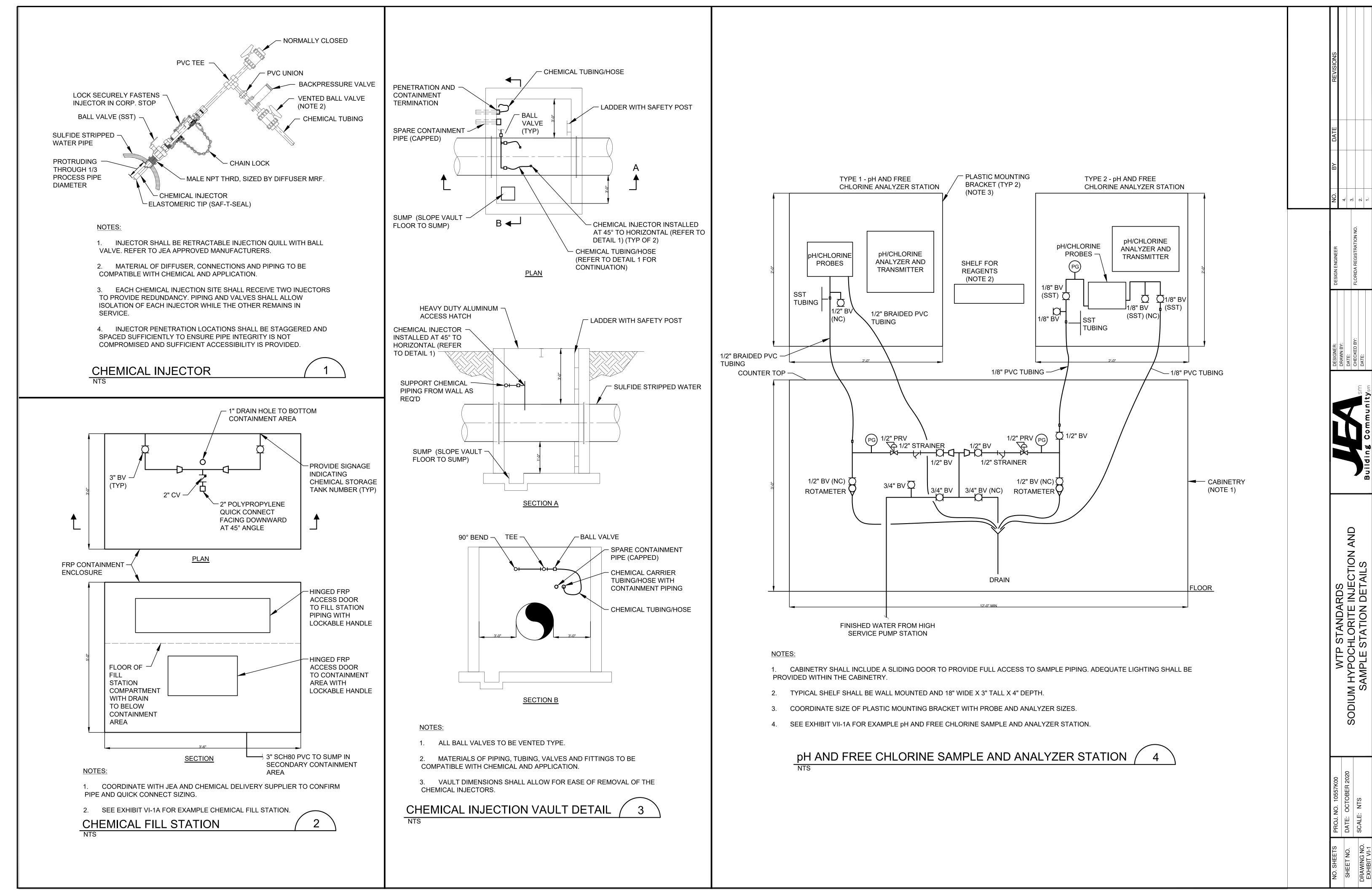












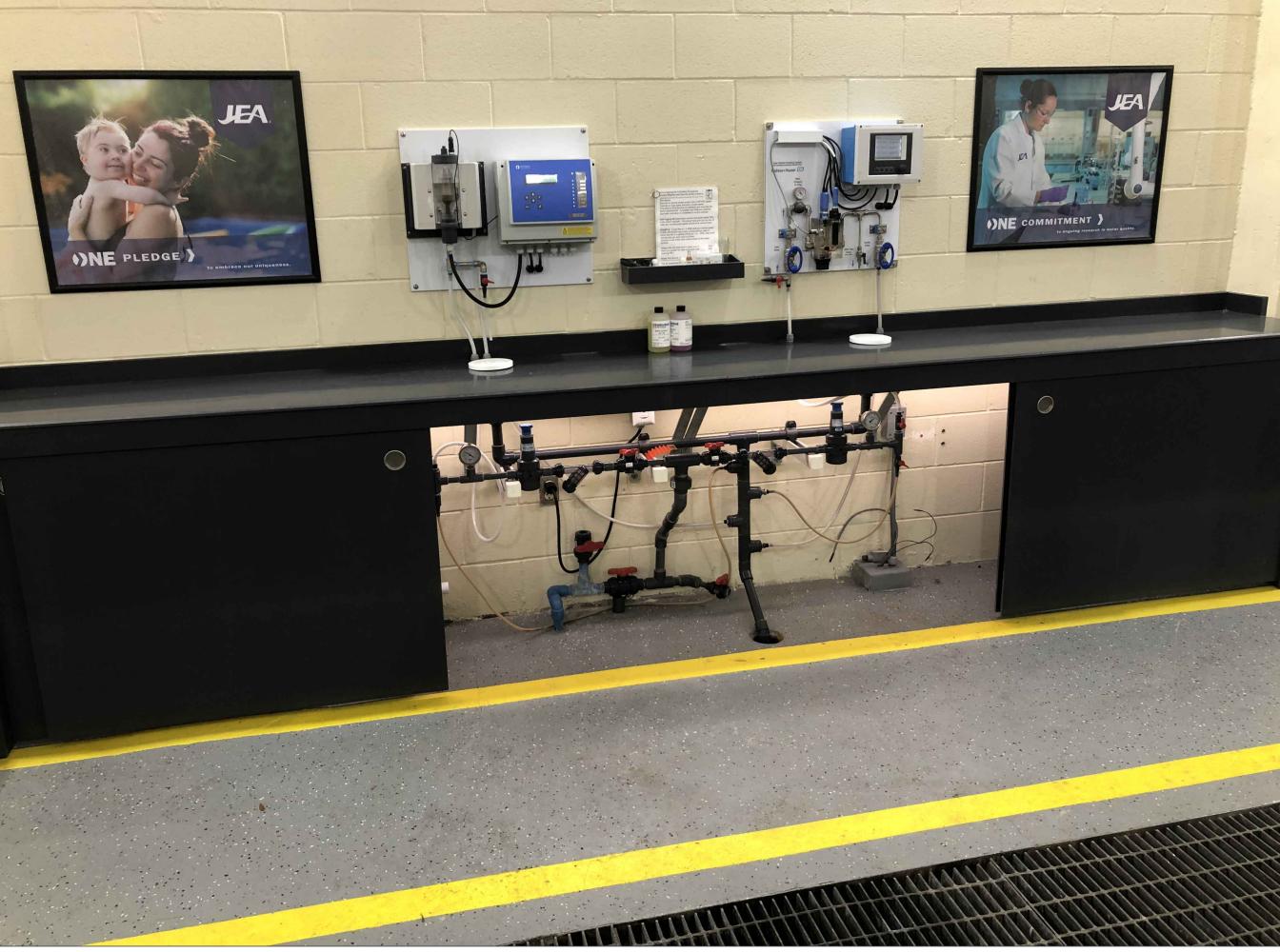


CHEMICAL FILL STATION PIPING



CHEMICAL FILL STATION

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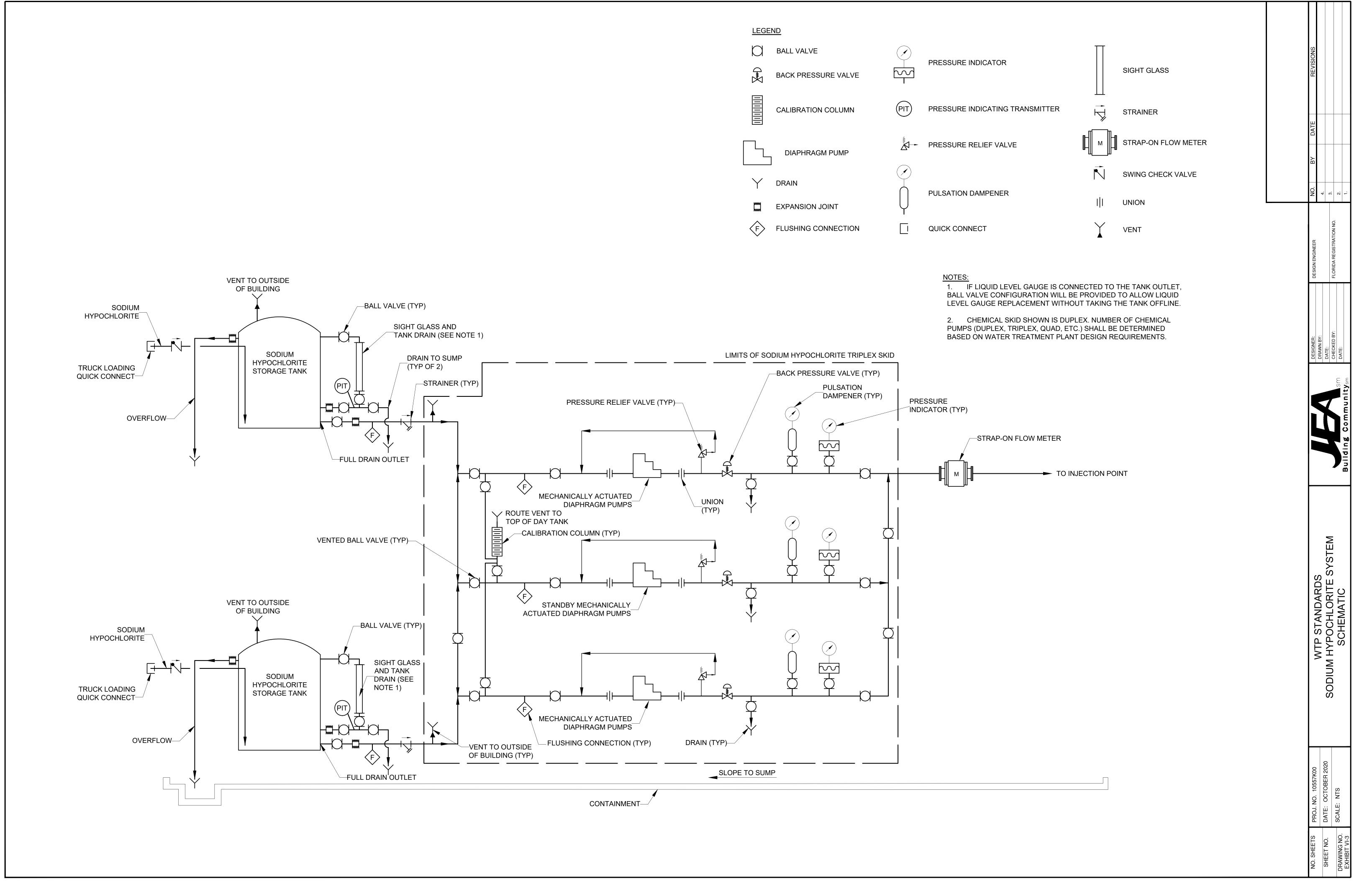
pH AND FREE CHLORINE SAMPLE AND ANALYZER STATION 2

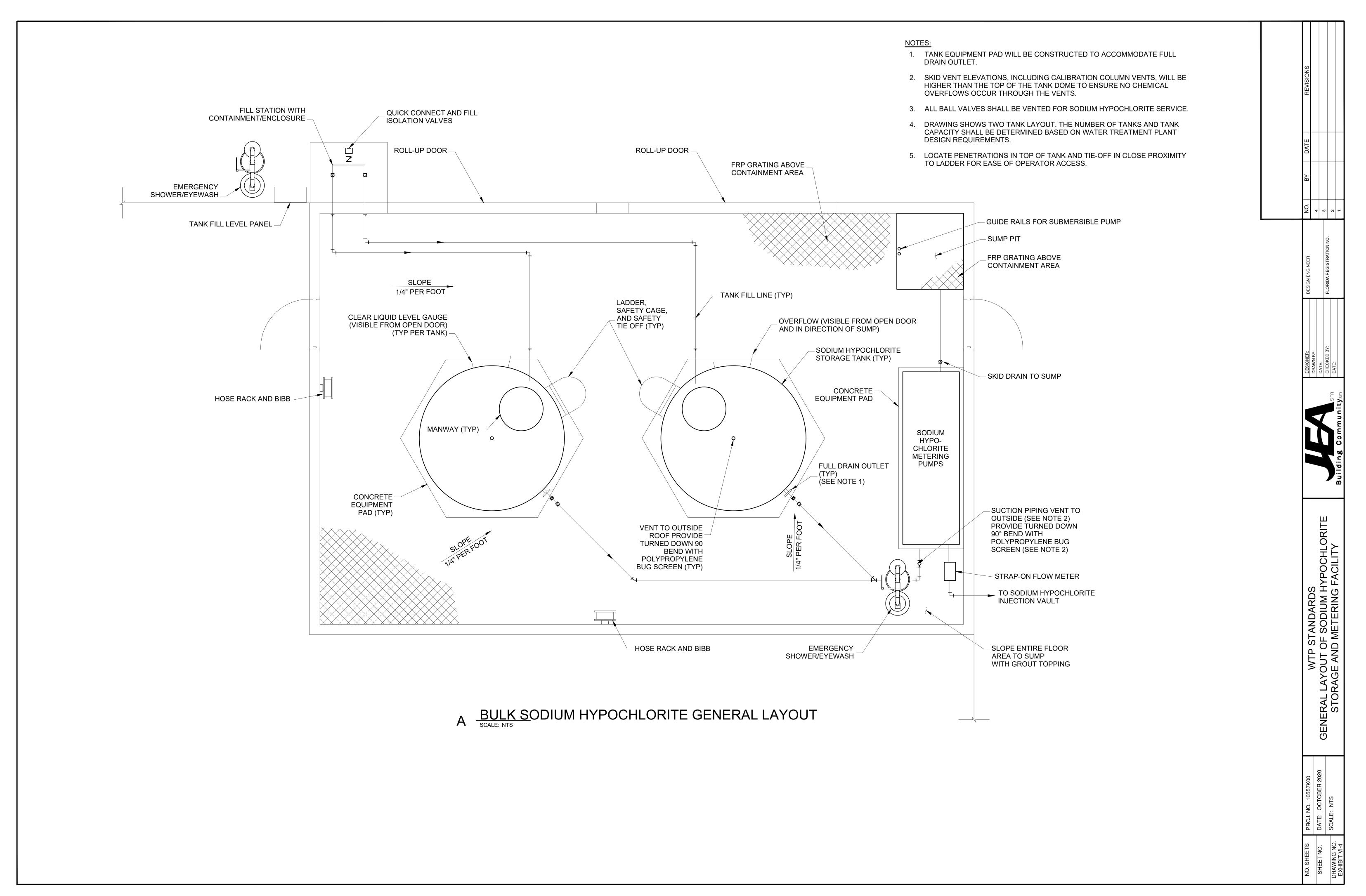
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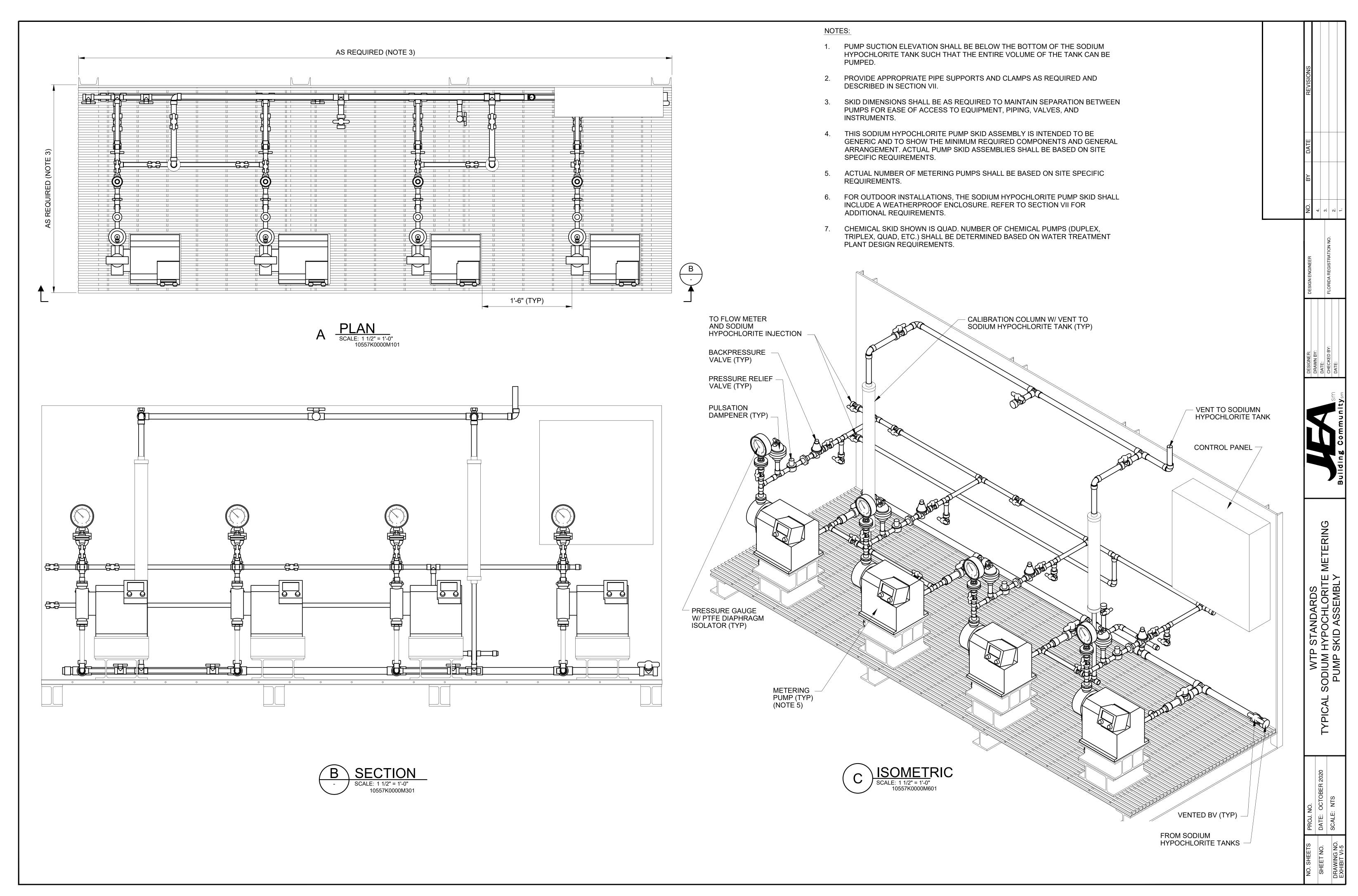
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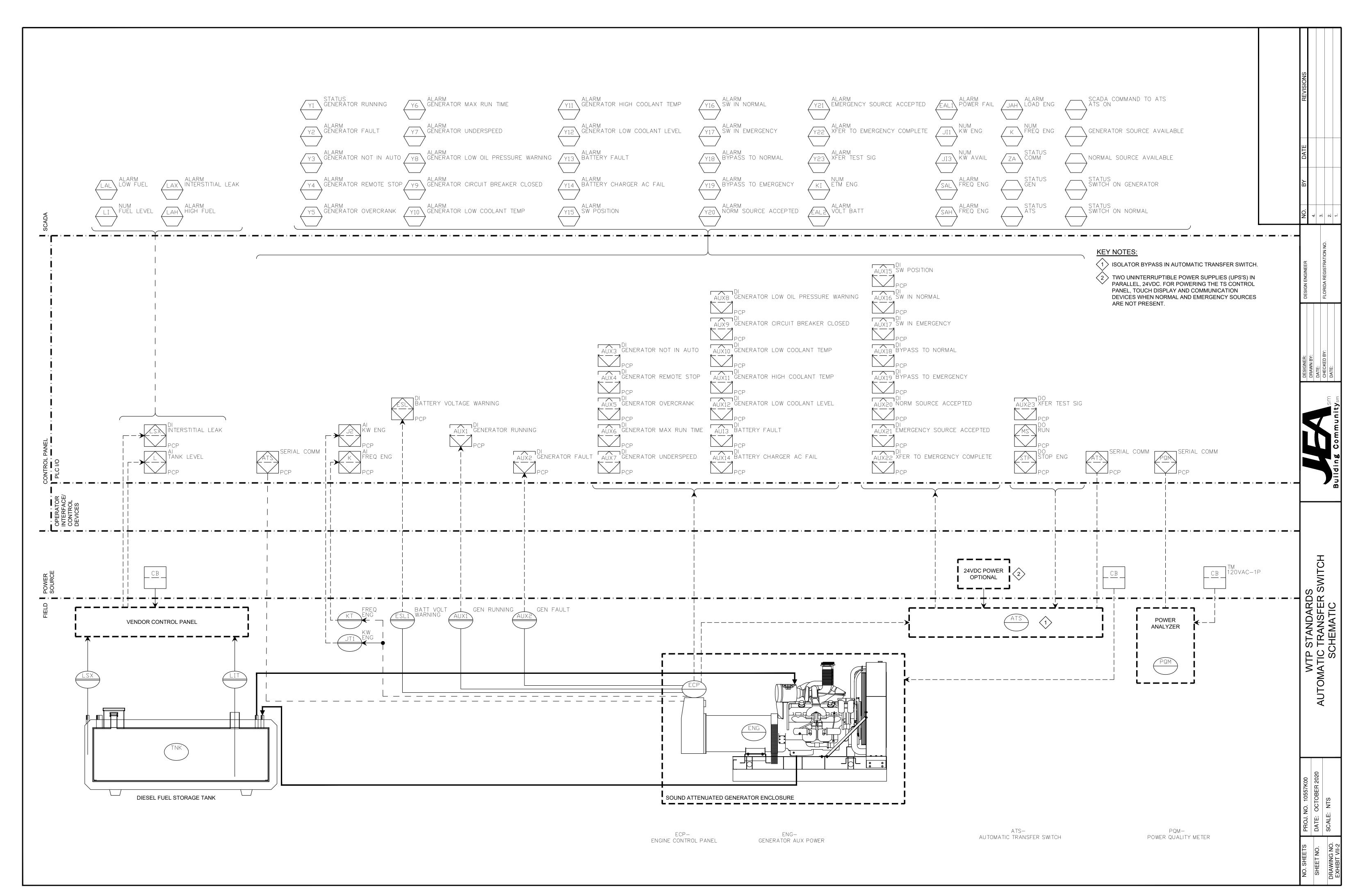
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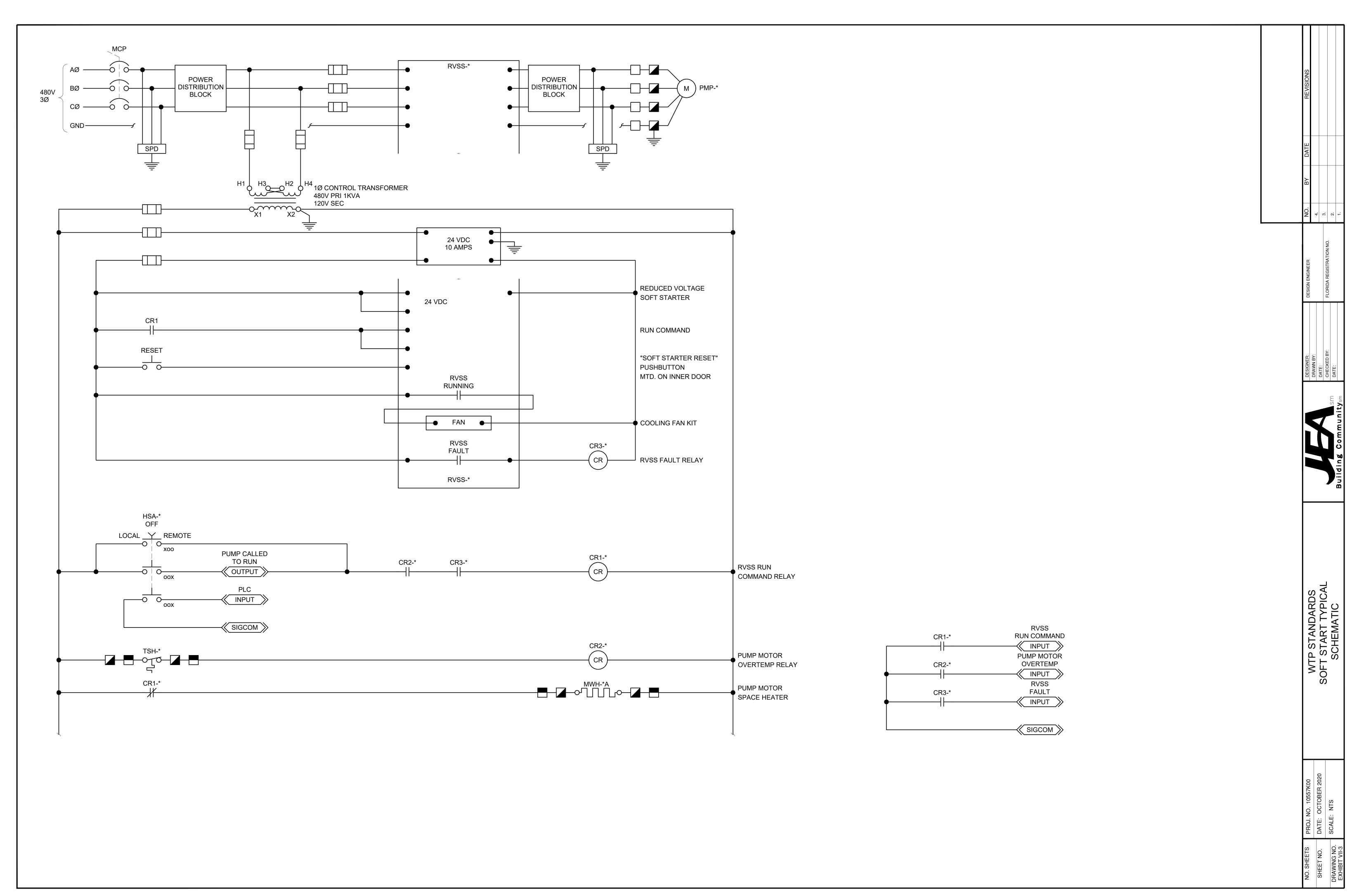
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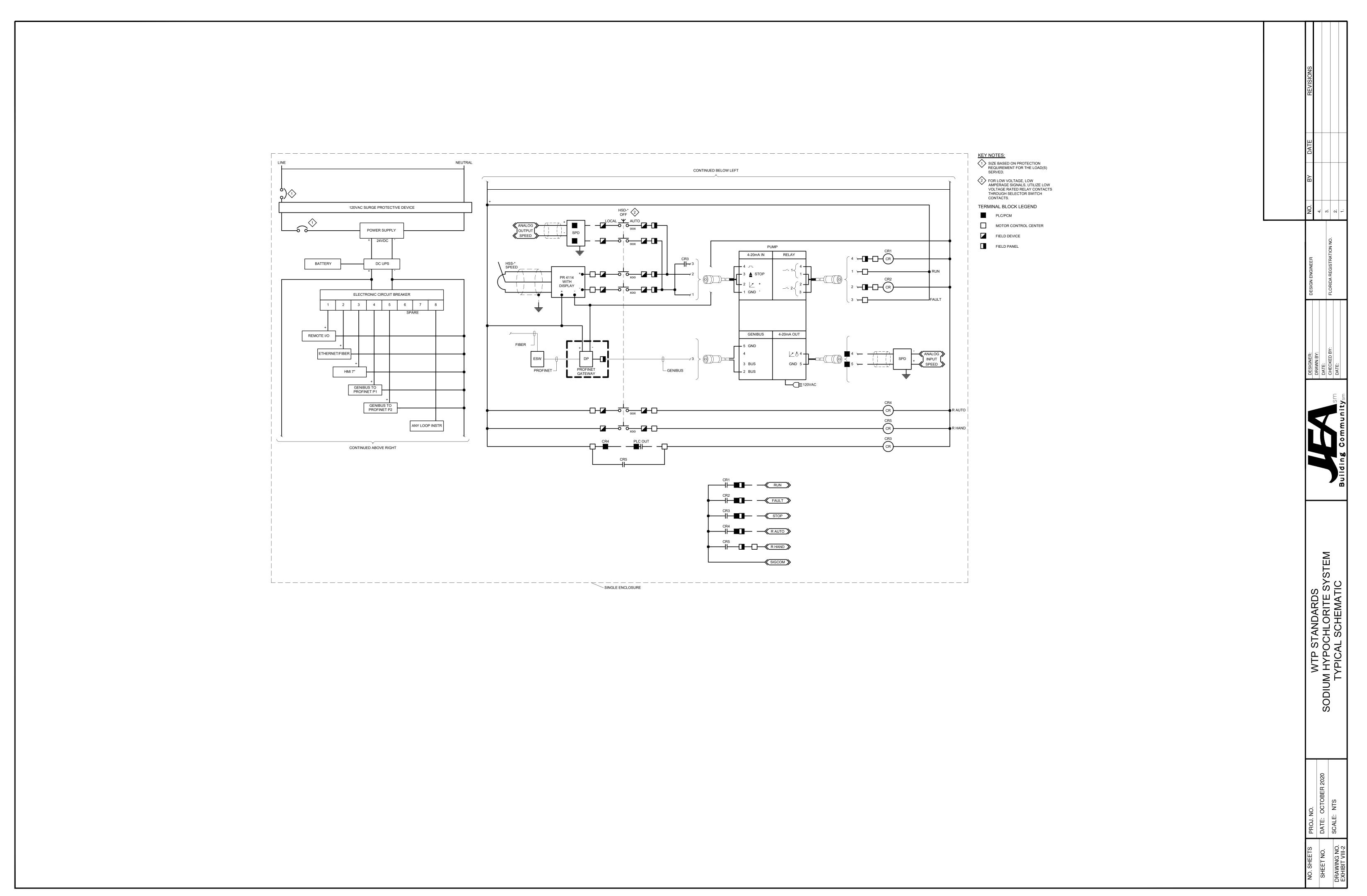


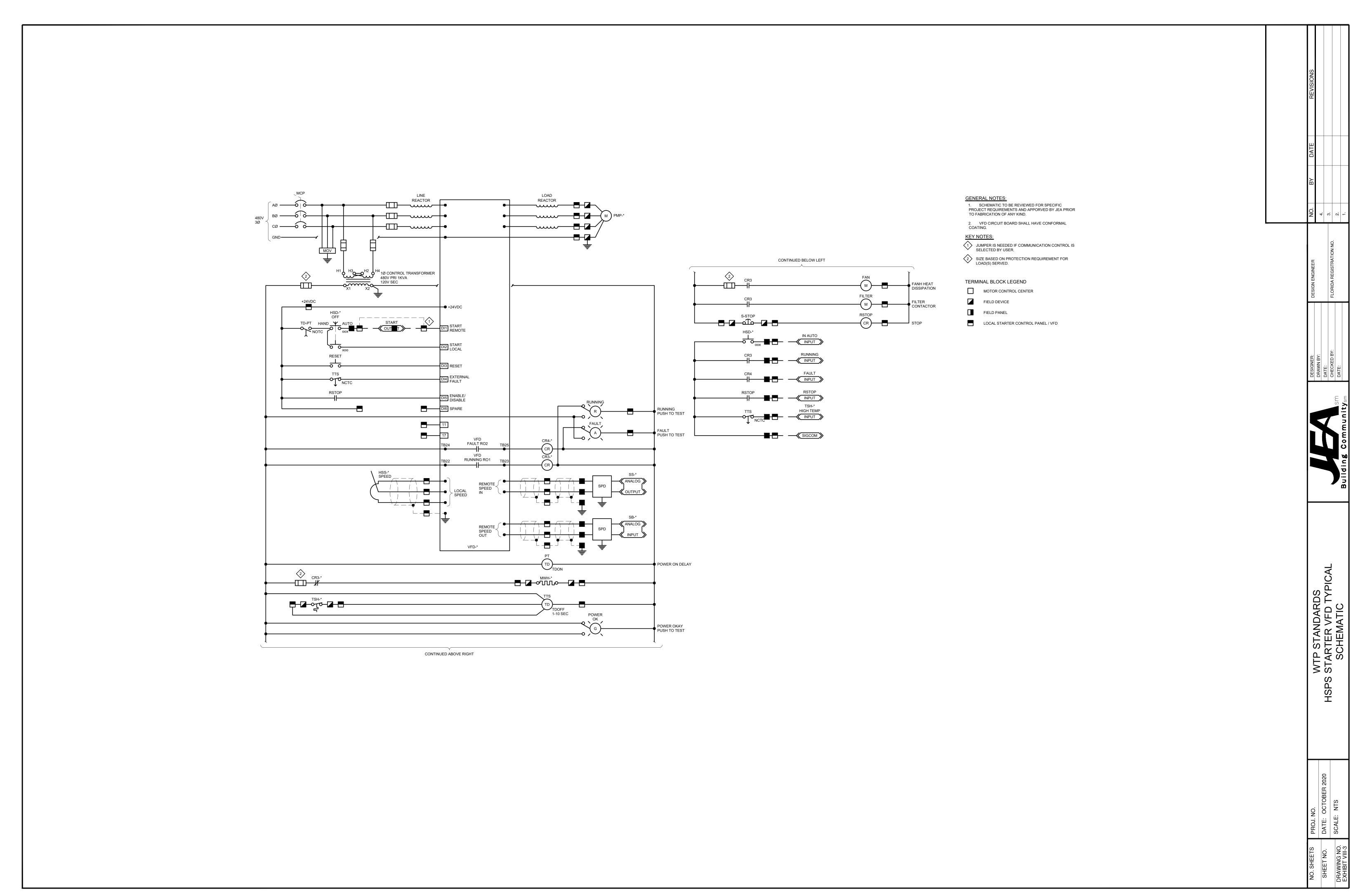


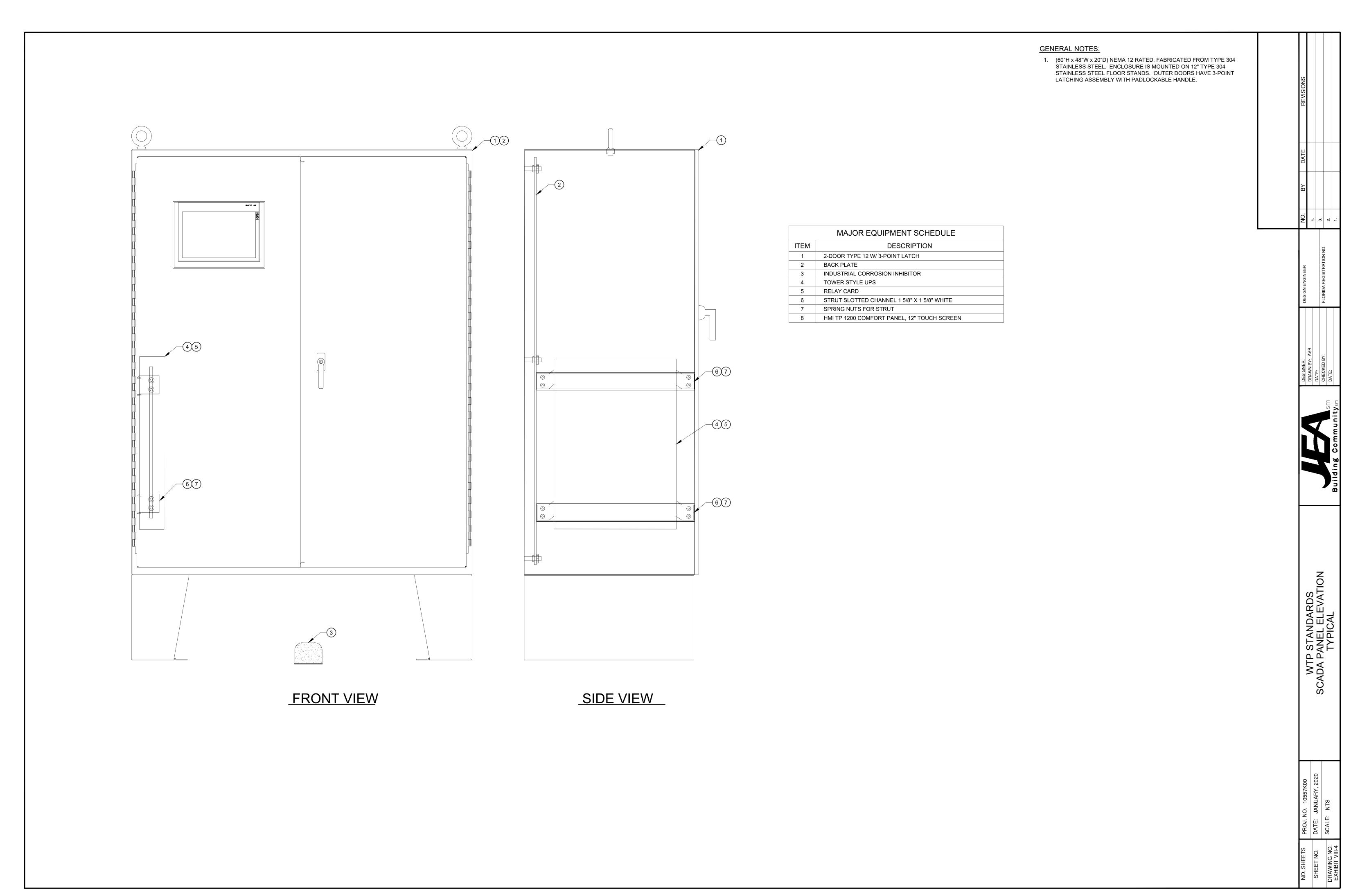


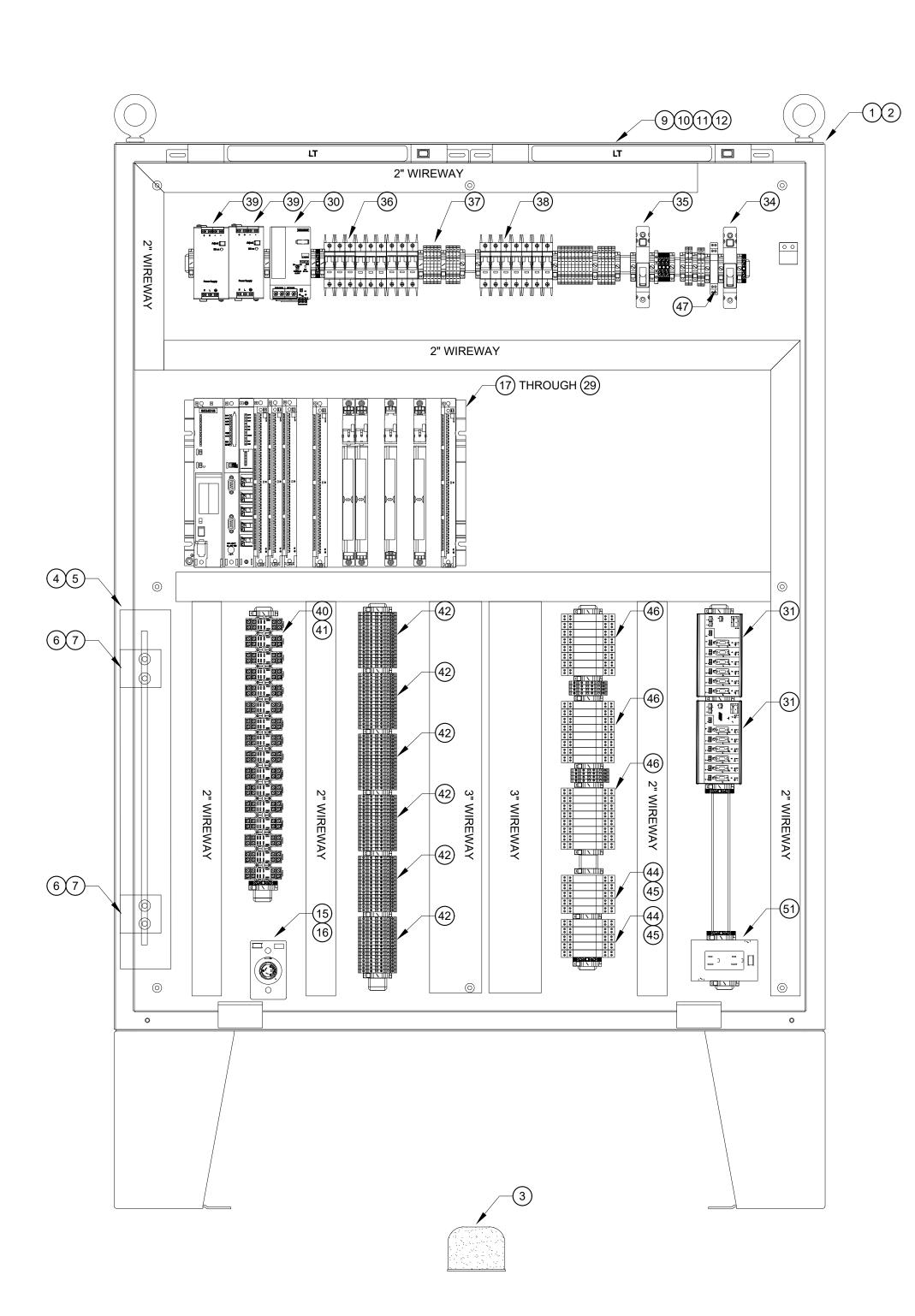












FRONT VIEW

ITEM	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:
CHECKED BY:

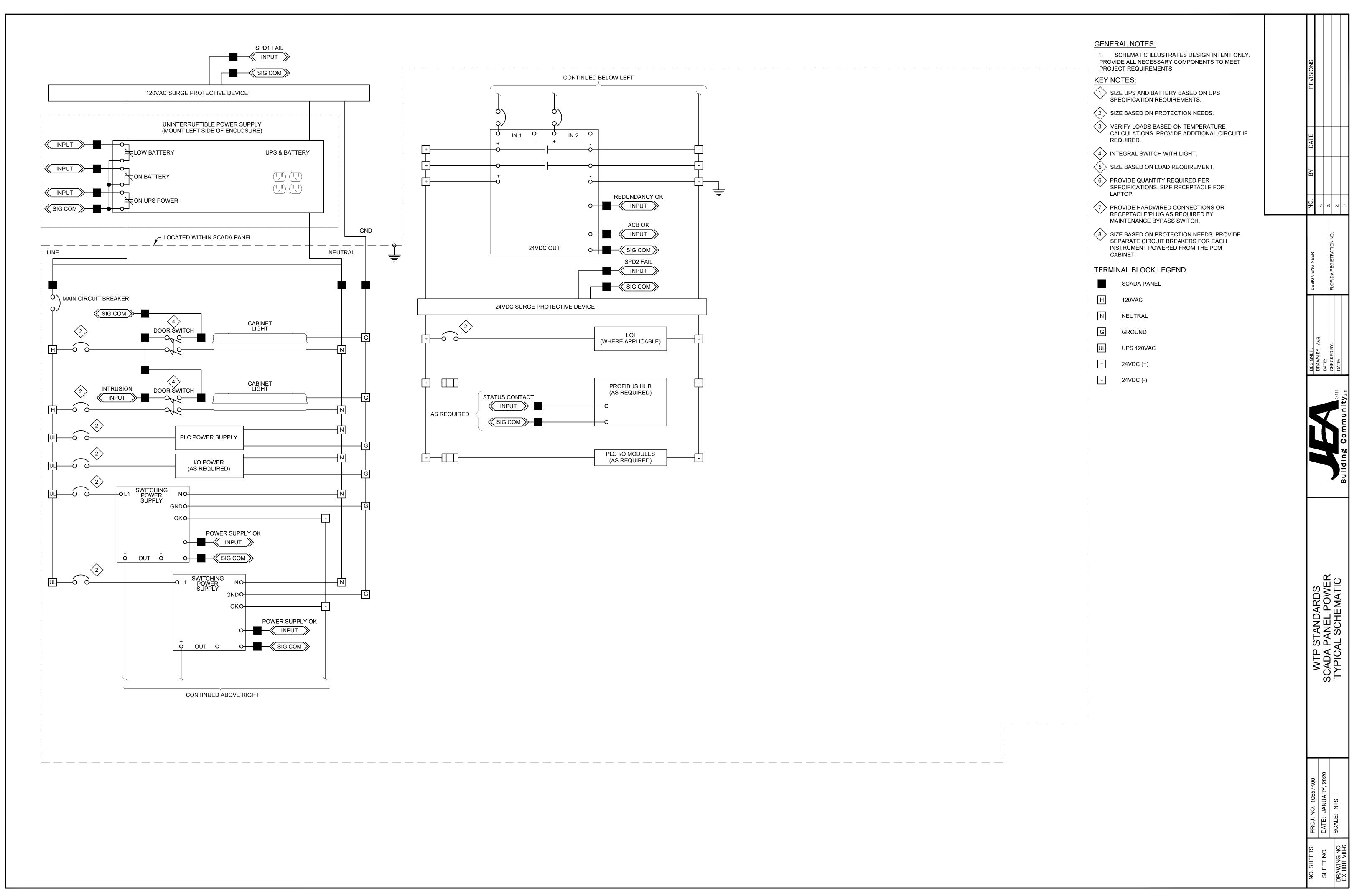
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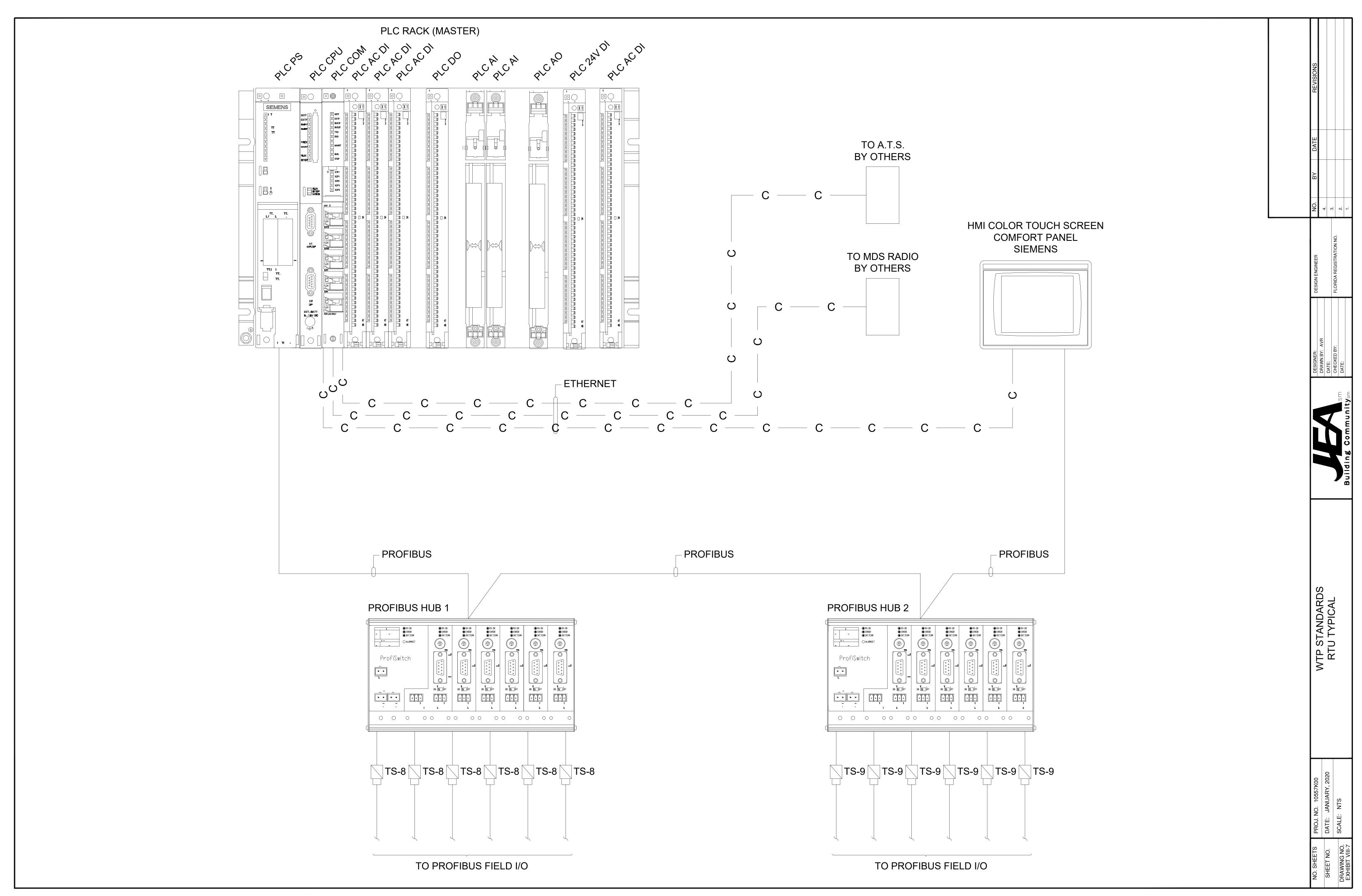
WTP STANDARDS

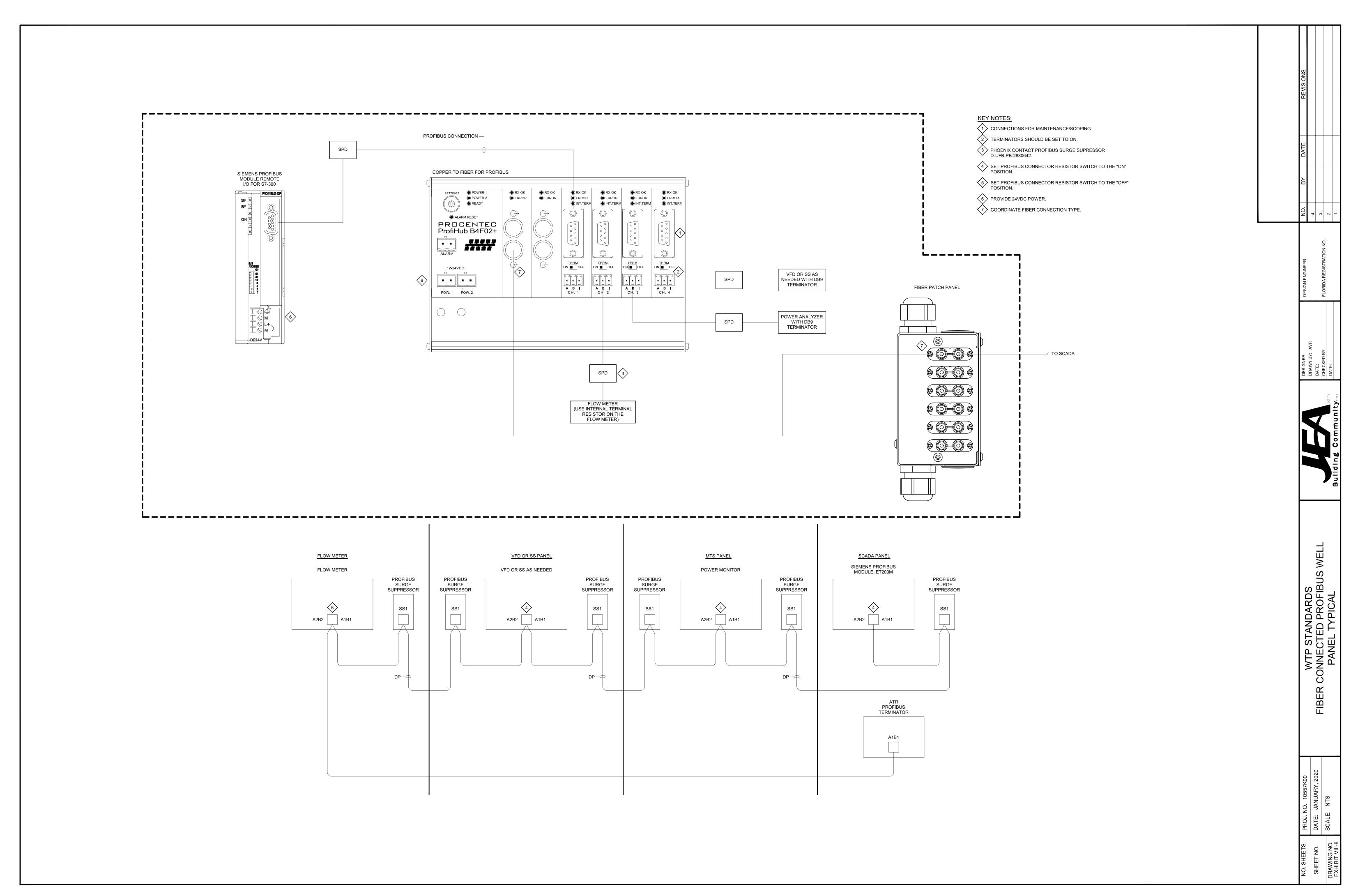
NDA PANEL INTERNAL ELEVATI

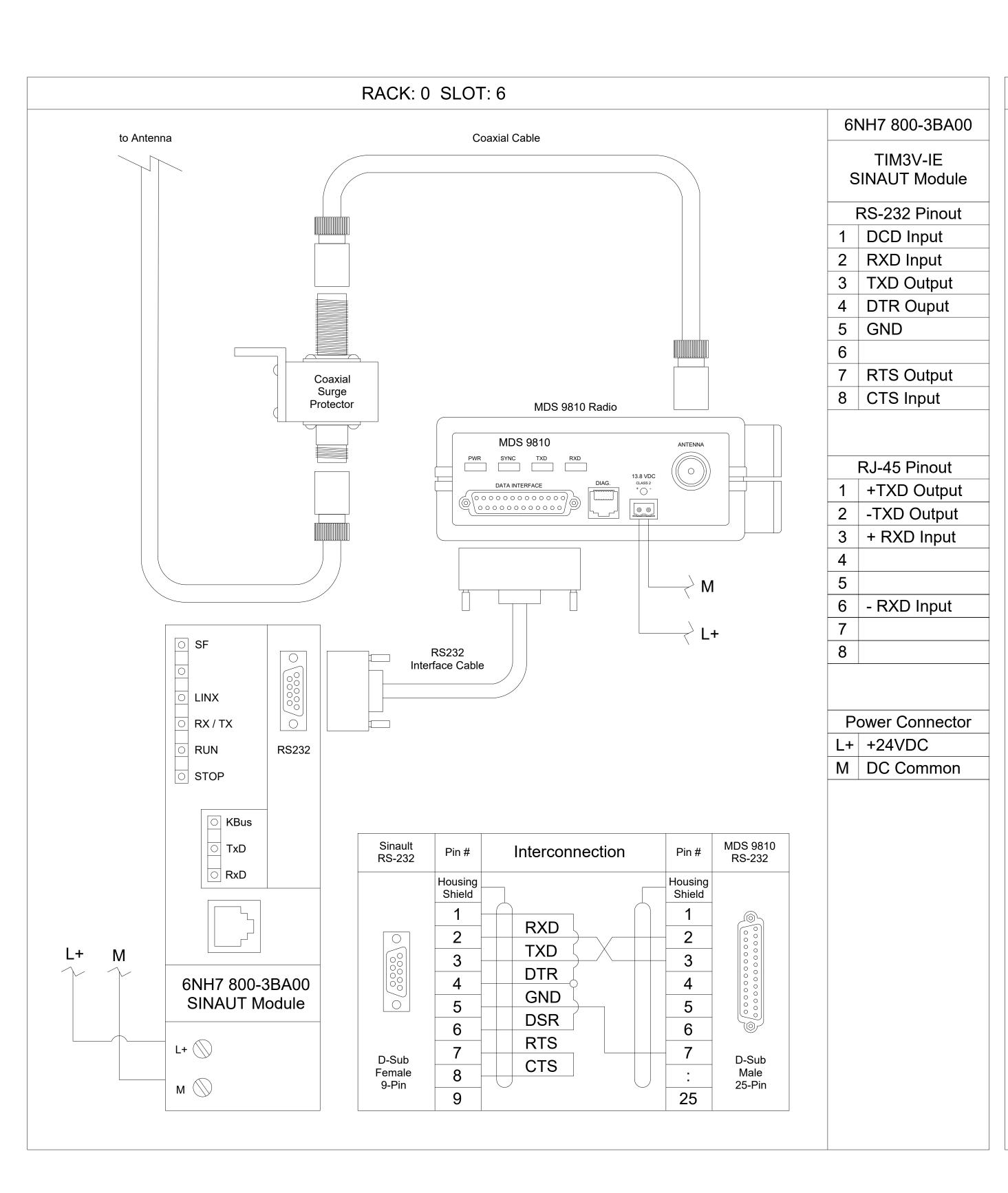
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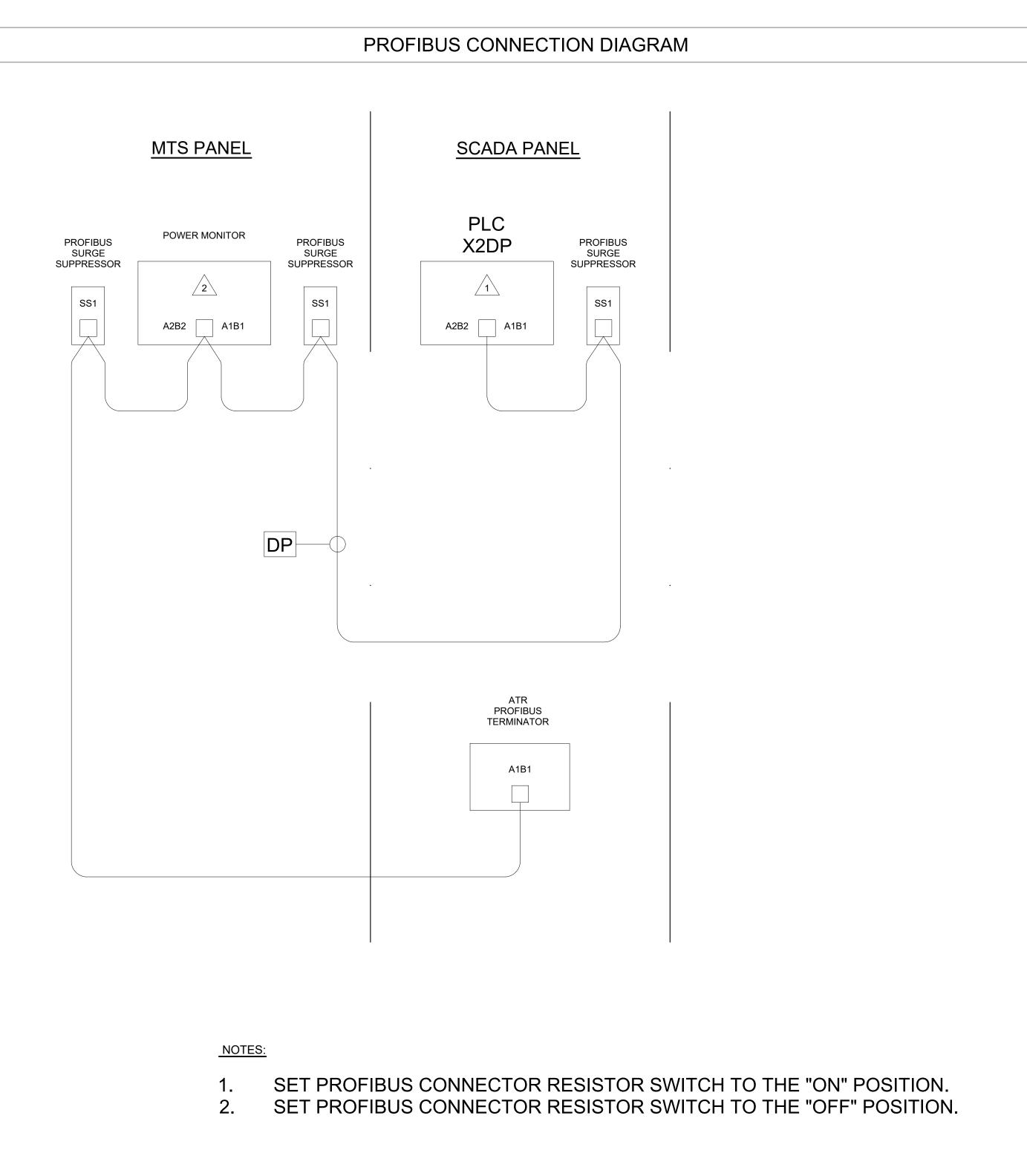
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WTP STANDARDS
RADIO CONNECTED PROFIBUS WELL
PANEL TYPICAL

