

CONTROL PANEL

1. PANEL LISTING	508
2. DEADFRONT	YES
3. VOLTAGE	480V
4. PHASE	3
5. FLA	
6. AUTO RESTART	YES
7. BREAKERS IN PANEL	YES
8. HOUR METERS	YES, ON DEADFRONT
9. AMP METERS	YES, VFD
10. HOA AND RESTART BUTTON	PHYSICAL BUTTON
11. OXIDIZER INTERLOCK	NO
12. PLC	ALLEN BRADLEY REMOTE RACK
13. 7/24 TIMER	YES, REMOTE RACK
14. SURGE PROTECTOR	YES
15. PHASE MONITOR	YES
16. PANEL TRANSFORMER	YES
17. FAN IN PANEL	YES
18. TELEMETRY	VIA REMOTE RACK
19. TELEMETRY SERVICE	TBD
20. BATTERY BACKUP	YES

3D MODEL LINK: <https://a360.co/40F4EHA>

PRE-ENGINEERED WEATHERIZED PUMPING STATION

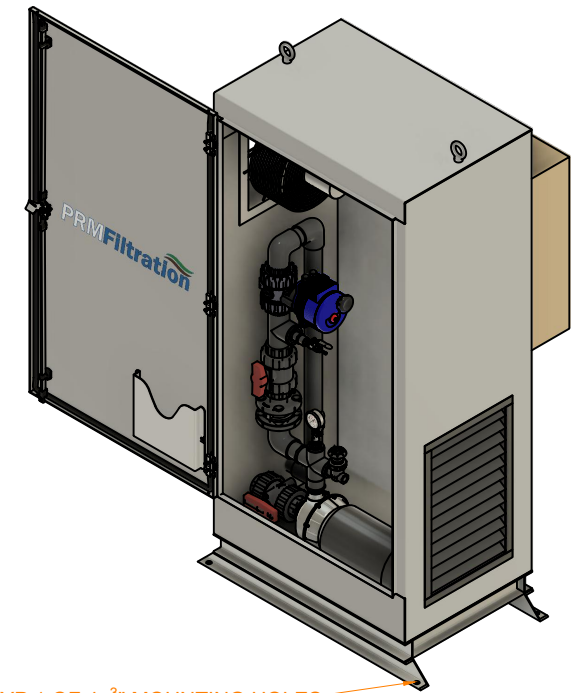
GENERAL NOTES

1. WALLS AND CEILING TO BE INSULATED WITH R5 INSULATION.
2. FLOOR TO HAVE 3/4" PLYWOOD.
3. R5 INSULATION TO BE MOUNTED UNDER ENCLOSURE.
4. FLOOR, WALLS, AND CEILING TO BE COVERED WITH 20ga. SS SHEET METAL ON INTERIOR.
5. MOUNT PUMP AS CLOSE TO LEFT WALL THAT PLUMBING WILL ALLOW.
6. 14x20" RECTANGLE OF R5 INSULATION TO BE PROVIDED LOOSE TO COVER VENT IN THE WINTER.
7. COVER FOR FAN FINGER GUARD TO BE PROVIDED LOOSE TO COVER FAN OPENING IN THE WINTER.
8. FIBER OPTIC CONVERTER AND ETHERNET SWITCH TO BE INCLUDED IN PANEL
9. ALL WIRING TO BE MADE FOR UNCLASSIFIED ENVIRONMENT.

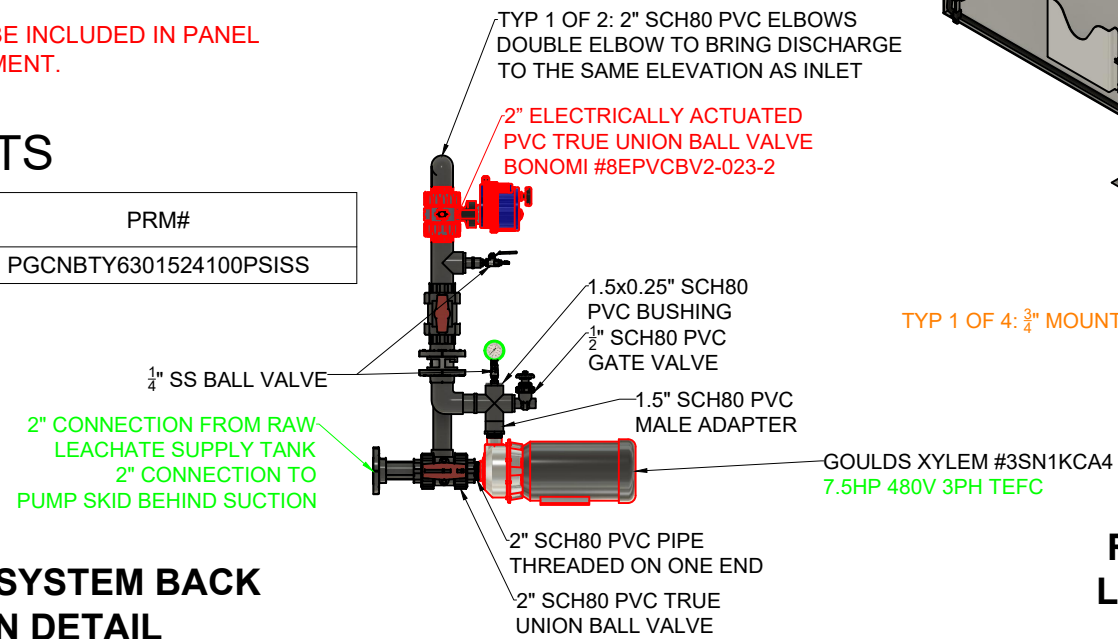
PRM PARTS LISTS

QTY	PRM PARTS	DESCRIPTION	PRM#
1	PI-1	0-100 PSI PRESS GAUGE	PGCNBTY6301524100PSISS

REMOTE PUMP SYSTEM ISOMETRIC DETAIL

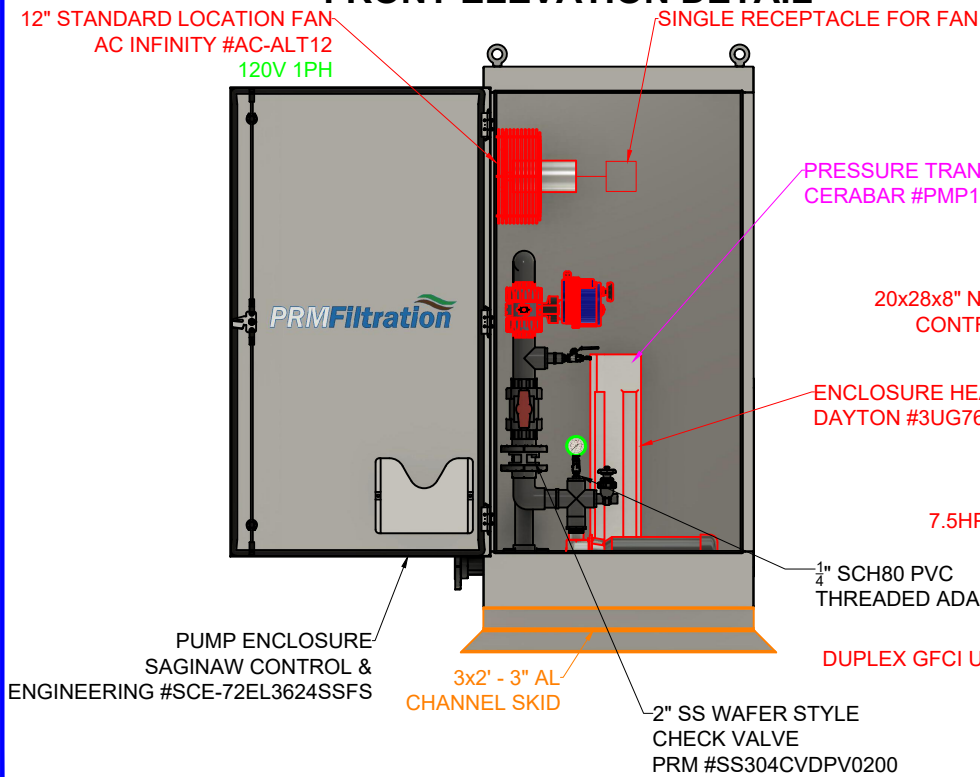


PUMP FRONT ELEVATION DETAIL

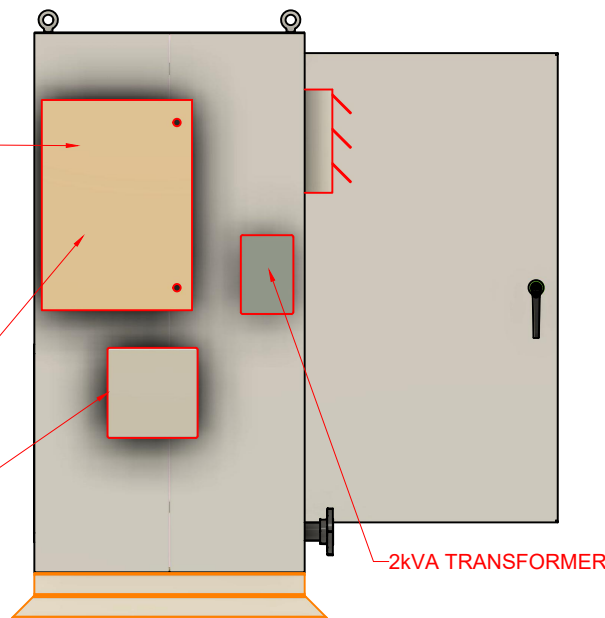


TYP 1 OF 4: 3/4" MOUNTING HOLES

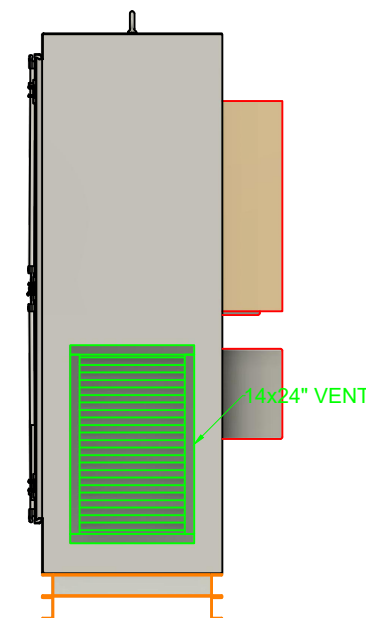
REMOTE PUMP SYSTEM FRONT ELEVATION DETAIL



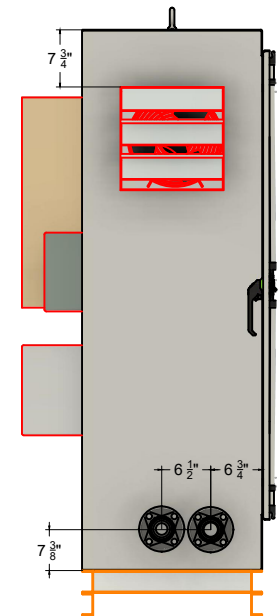
REMOTE PUMP SYSTEM BACK ELEVATION DETAIL



REMOTE PUMP SYSTEM RIGHT ELEVATION DETAIL



REMOTE PUMP SYSTEM LEFT ELEVATION DETAIL



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CLIENT: PRM FILTRATION

PROJECT TITLE:

SHEET TITLE: PRE-ENGINEERED WEATHERIZED PUMP STATION

QUOTE NUMBER:
DATE: 11/29/23

PROJECT NUMBER:
DRAWN BY: JDH

NO.	REVISION	DATE
1	AS-BUILTS	02/15/24

DRAWING NUMBER: M-1