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	PHYSICAL BUTTON	
	BUTTON	PHYSICAL BUTTON	
	11. OXIDIZER INTERLOCK	NO	
		NO ALLEN BRADLEY REMOTE	
	11. OXIDIZER INTERLOCK 12. PLC		
		ALLEN BRADLEY REMOTE	
	12. PLC	ALLEN BRADLEY REMOTE RACK	
	12. PLC 13. 7/24 TIMER	ALLEN BRADLEY REMOTE RACK YES, REMOTE RACK	
	12. PLC 13. 7/24 TIMER 14. SURGE PROTECTOR	ALLEN BRADLEY REMOTE RACK YES, REMOTE RACK YES	
	12. PLC 13. 7/24 TIMER 14. SURGE PROTECTOR 15. PHASE MONITOR	ALLEN BRADLEY REMOTE RACK YES, REMOTE RACK YES YES	
	12. PLC 13. 7/24 TIMER 14. SURGE PROTECTOR 15. PHASE MONITOR 16. PANEL TRANSFORMER	ALLEN BRADLEY REMOTE RACK YES, REMOTE RACK YES YES YES	
	12. PLC 13. 7/24 TIMER 14. SURGE PROTECTOR 15. PHASE MONITOR 16. PANEL TRANSFORMER 17. FAN IN PANEL	ALLEN BRADLEY REMOTE RACK YES, REMOTE RACK YES YES YES YES YES	
	12. PLC 13. 7/24 TIMER 14. SURGE PROTECTOR 15. PHASE MONITOR 16. PANEL TRANSFORMER 17. FAN IN PANEL 18. TELEMETRY	ALLEN BRADLEY REMOTE RACK YES, REMOTE RACK YES YES YES YES YES VIA REMOTE RACK	

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

12" STANDARD LOCATION FAN-

AC INFINITY #AC-ALT12

120V 1PH

AFIItration

3x2' - 3" AL

CHANNEL SKID

PRE-ENGINEERED WEATHERIZED **PUMPING STATION**

GENERAL NOTES

- 1. WALLS AND CEILING TO BE INSULATED WITH R5 INSULATION.
- FLOOR TO HAVE $\frac{3}{4}$ " PLYWOOD.
- R5 INSULATION TO BE MOUNTED UNDER ENCLOSURE.
- FLOOR, WALLS, AND CEILING TO BE COVERED WITH 20ga. SS SHEET METAL ON INTERIOR.
- MOUNT PUMP AS CLOSE TO LEFT WALL THAT PLUMBING WILL ALLOW.
- 14x20" RECTANGLE OF R5 INSULATION TO BE PROVIDED LOOSE TO COVER VENT IN THE
- COVER FOR FAN FINGER GUARD TO BE PROVIDED LOOSE TO COVER FAN OPENING IN THE WINTER.
- FIBER OPTIC CONVERTER AND ETHERNET SWITCH TO BE INCLUDED IN PANEL
- 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

PUMP FRONT ELEVATION DETAIL

/TYP 1 OF 2: 2" SCH80 PVC ELBOWS DOUBLE ELBOW TO BRING DISCHARGE TO THE SAME ELEVATION AS INLET

2" ELECTRICALLY ACTUATED PVC TRUE UNION BALL VALVE BONOMI #8EPVCBV2-023-2

> 1.5x0.25" SCH80 **PVC BUSHING** ¹/₂" SCH80 PVC GATE VALVE 1.5" SCH80 PVC

MALE ADAPTER

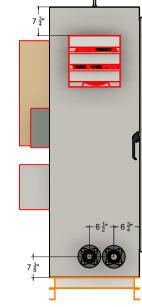
-GOULDS XYLEM #3SN1KCA4 7.5HP 480V 3PH TEFC

2" SCH80 PVC PIPE THREADED ON ONE END

2" SCH80 PVC TRUE UNION BALL VALVE

LEFT ELEVATION DETAIL

TYP 1 OF 4: 3" MOUNTING HOLES



REMOTE PUMP SYSTEM

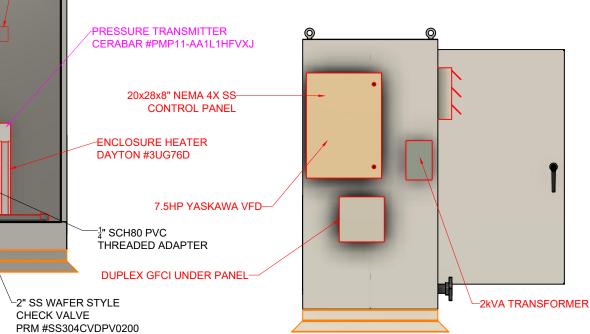
REMOTE PUMP SYSTEM

ISOMETRIC DETAIL



REMOTE PUMP SYSTEM FRONT ELEVATION DETAIL

REMOTE PUMP SYSTEM BACK TACLE FOR FAN **ELEVATION DETAIL**



REMOTE PUMP SYSTEM RIGHT ELEVATION DETAIL

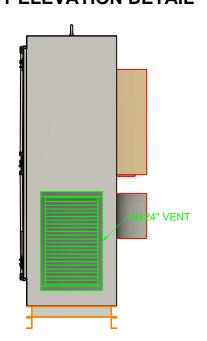
1 SS BALL VALVE

2" CONNECTION FROM RAW

PUMP SKID BEHIND SUCTION

LEACHATE SUPPLY TANK

2" CONNECTION TO



M-1



PUMP ENCLOSURE

SAGINAW CONTROL &

ENGINEERING #SCE-72EL3624SSFS

Product Recovery Management Inc.

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PRM FILTRATION

PROJECT TITLE:

PRE-ENGINEERED WEATHERIZED PUMP

QUOTE NUMBER:	PROJECT NUMBER:	NO.	REVISION	DATE
		1	AS-BUILTS	02/15/24
DATE:	DRAWN BY:			
11/29/23	JDH			