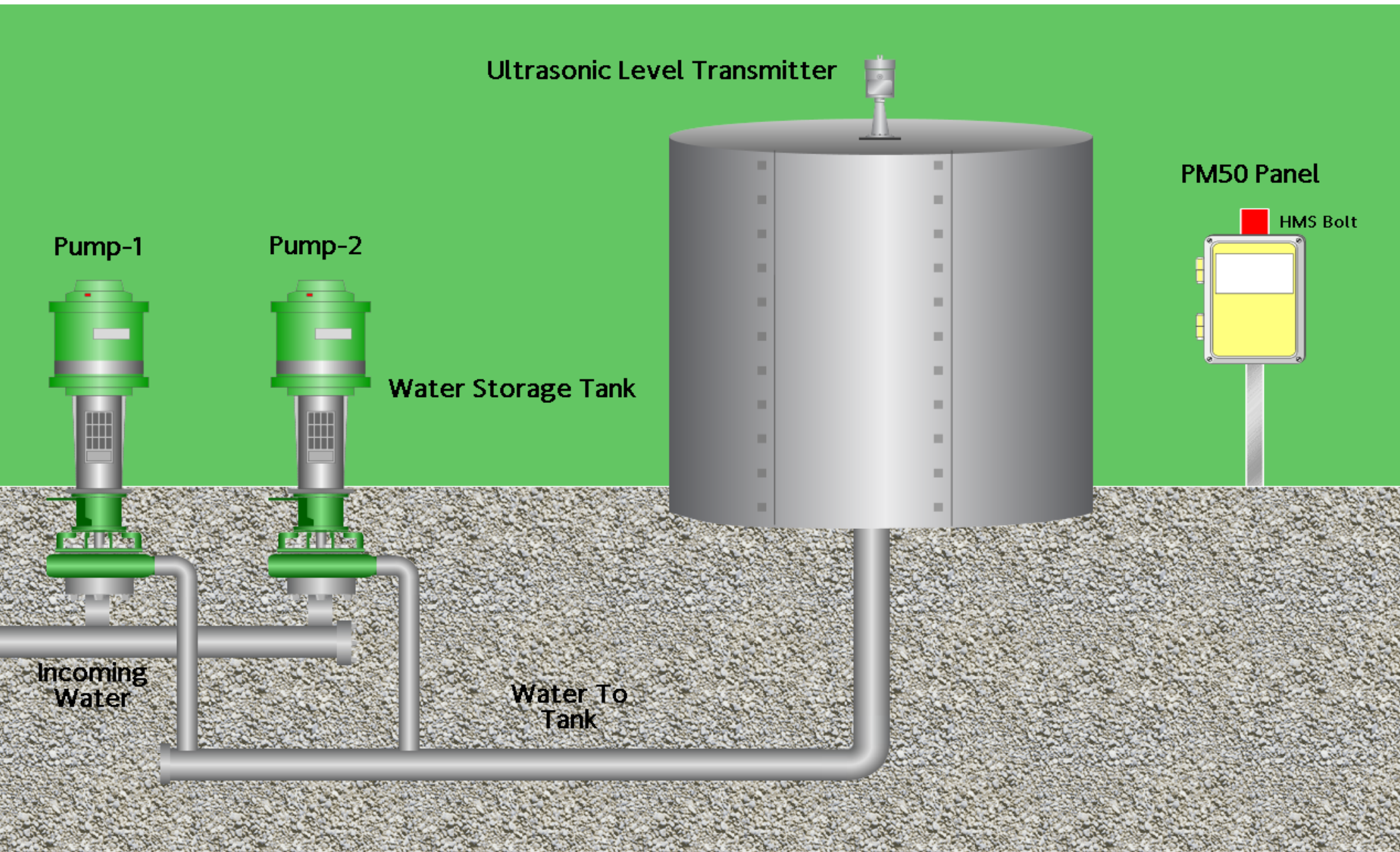


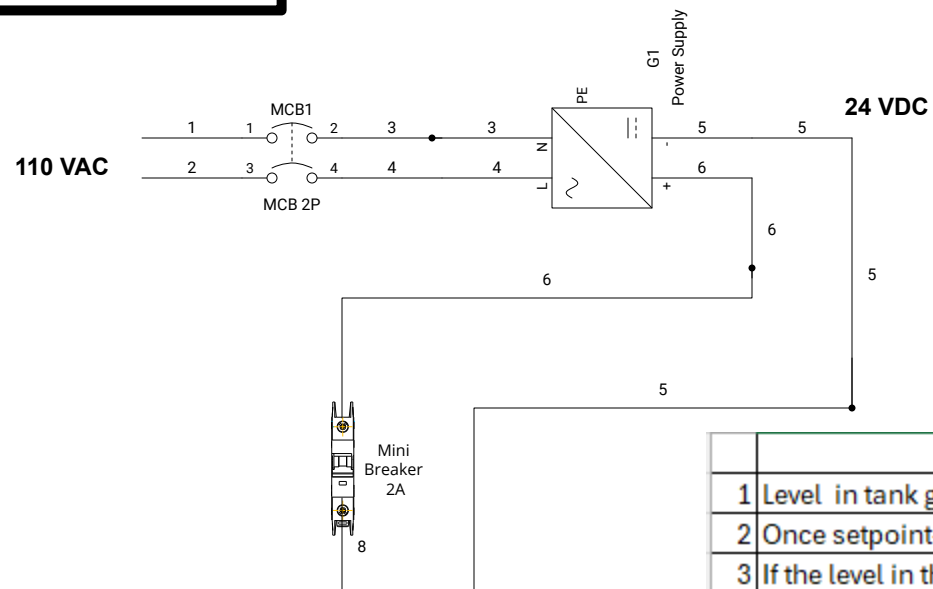
ZONE	REV	DESCRIPTION	DATE	APPROVED



PM50 Water Tank Control System Layout

FINISH	Drawing Name	REV 1.0
Not To Scale	SHEET 1 OF 1	

ZONE	REV	DESCRIPTION	DATE	APPROVED



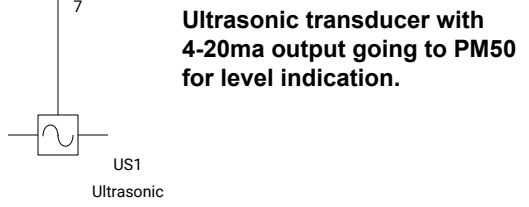
Theory of Operation	
1	Level in tank gets low enough to cut pump 1 on via 4-20ma from Ultrasonic Transducer
2	Once setpoint-1 has been met, relay output-1 will come on
3	If the level in the tank station still drops and setpoint 2 is met then the relay output 2 will come on
4	Once the tank level is above Pump 2 cut off and then Pump 1 will cut off when the level is above it's setpoint



PM50 Panel Meter

PM50 Part Number
PM500A0400800F00

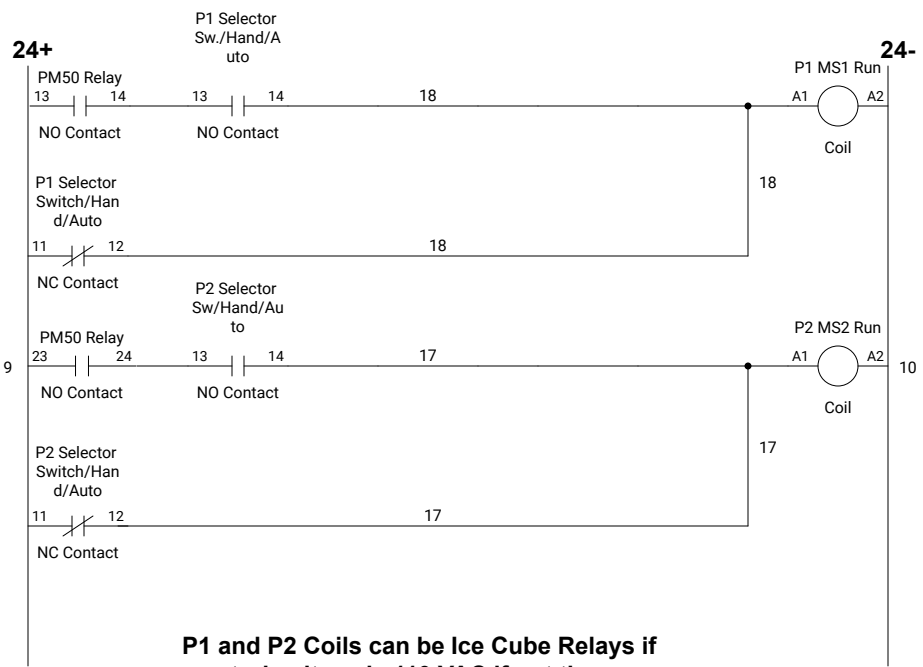
Customer responsible for verifying all information and suitability for their application



Ultrasonic transducer with 4-20ma output going to PM50 for level indication.

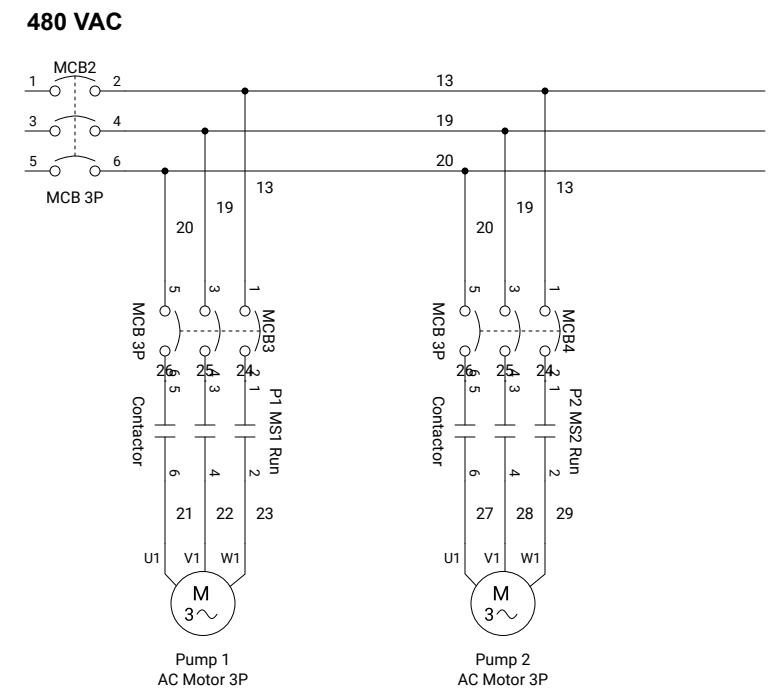
	DRAWN BY James D. Jolly	Example Drawings- Not For USE!
	MATERIAL	
	FINISH	Project Number:
	Drawing Name	REV 1.0
Not To Scale	Drawn: 30-July-2024	SHEET 1 OF 1

ZONE	REV	DESCRIPTION	DATE	APPROVED



P1 and P2 Coils can be Ice Cube Relays if control voltage is 110 VAC if not they are 24 vdc

480 VAC Supplied by Customer



Customer responsible for verifying all information and suitability for their application

PM50 Part Number
PM500A0400800F00

	DRAWN BY James D. Jolly	Example Drawings- Not For USE!
	MATERIAL	
	FINISH	
Project Number:		Drawing Name
Not To Scale		
30-July-2024		SHEET 1 OF 1