



RELIEF VALVES AND EQUIPMENT DRAINS TO BE PIPED TO DRAIN OR VENT BY CONTRACTOR PER CODE REQUIREMENT

ALL BOLTING AND ANCHORAGE TO BE IN COMPLIANCE WITH LOCAL CODES AND ANY SEISMIC REQUIREMENTS.

- CONSTRUCTION NOTES:
1. SUCTION AND DISCHARGE HEADERS ARE GROOVED ON BOTH ENDS.
 2. END CAPS CAN BE PLACED ON EITHER END OF HEADERS.
 3. SYSTEM DESIGNED FOR INDOOR INSTALLATION.

- GPM		- PSI		- PSI						
TOTAL FLOW		TOTAL DISCHARGE PRESSURE		AVAILABLE PRESSURE						
TOTAL SYSTEM CAPACITY										
3	P-2	GOULDS	ESV	46SVG-2	-	15	3500	-	-	
2	P-1	GOULDS	ESV	46SVG-2	-	15	3500	-	-	
ITEM	TAG	MANUFACTURER	SERIES	MODEL	GPM	TDH	HP	RPM	VOLTS/HZ/PH	ENCLOSURE

PUMP SCHEDULE

ITEM	QTY	TAG	DESCRIPTION
10	-	-	-
9	-	-	-
8	-	-	-
7	-	-	-
6	-	-	-
5	4	-	LUG TYPE BUTTERFLY VALVE - 3"
4	2	-	VAL-MATIC GLOBE CHECK VALVE - 3"
3	1	P-2	GOULDS ESV MULTISTAGE PUMP MODEL 46SVG-2
2	1	P-1	GOULDS ESV MULTISTAGE PUMP MODEL 46SVG-2
1	1	-	VARIABLE SPEED PUMP CONTROL PANEL

EQUIPMENT SCHEDULE

ITEM	QTY	TAG	DESCRIPTION
10	-	-	-
9	-	-	-
8	-	-	-
7	-	-	-
6	-	-	-
5	4	-	LUG TYPE BUTTERFLY VALVE - 3"
4	2	-	VAL-MATIC GLOBE CHECK VALVE - 3"
3	1	P-2	GOULDS ESV MULTISTAGE PUMP MODEL 46SVG-2
2	1	P-1	GOULDS ESV MULTISTAGE PUMP MODEL 46SVG-2
1	1	-	VARIABLE SPEED PUMP CONTROL PANEL

- GENERAL NOTES:
- (1) SINGLE POINT POWER CONNECTION AT CONTROL PANEL.
 - (2) HYDRO PRESSURE CHECK AT 125 PSI.
 - (3) ASSEMBLED SYSTEM TO BE PAINTED WITH INDUSTRIAL MACHINE ENAMEL PRIOR TO SHIPMENT.
- ⊕ = DENOTES CONTRACTOR POINT OF CONNECTION

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LISTED

PACKAGED PUMPING SYSTEMS & HEAT TRANSFER SYSTEMS

APPROXIMATE SHIPPING WEIGHT: 1,615 LBS.

APPROXIMATE OPERATING WEIGHT: 1,674 LBS.

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PROJECT NAME: -

CUSTOMER: -

DRAWN BY DATE: -

ACD 12/27/13

CHECKED BY APPROVED BY: -

TOLERANCES UNLESS OTHERWISE SPECIFIED

DEC: .500"

FRAC: 1/2"

ANGLE: 5'

SCALE: 1" = 1'

FlowTherm Systems

HAYWARD, CALIFORNIA

DRAWING TITLE: VARIABLE SPEED DUPLEX PRESSURE BOOSTER

FAB No. -

DRAWING No. FMW2-14-FAB

REV 1