



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		- PSI				
TOTAL FLOW		TOTAL DISCHARGE PRESSURE		TOTAL SYSTEM CAPACITY		AVAILABLE PRESSURE				
4	P-3	GOULDS	ESV	46SVG-2	-	15	3500			
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		EQUIPMENT SCHEDULE	
ITEM	QTY	TAG	DESCRIPTION
10	-	-	-
9	-	-	-
8	-	-	-
7	-	-	-
6	6	-	LUG TYPE BUTTERFLY VALVE - 3"
5	3	-	VAL-MATIC GLOBE CHECK VALVE - 3"
4	1	P-3	GOULDS ESV MULTISTAGE PUMP MODEL 46SVG-2
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.

**UL**  
 LISTED  
 PACKAGED PUMPING SYSTEMS  
 & HEAT TRANSFER SYSTEMS

APPROXIMATE SHIPPING WEIGHT: 2,253 LBS.  
 APPROXIMATE OPERATING WEIGHT: 2,421 LBS.

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PROJECT NAME:  
 CUSTOMER:  
 DRAWN BY DATE: 02/11/14  
 CHECKED BY APPROVED BY  
 TOLERANCES UNLESS OTHERWISE SPECIFIED  
 DEC: .500"  
 FRAC: 1/2"  
 ANGLE: 5'  
 SCALE: 1" = 1'

DRAWING TITLE:  
 VARIABLE SPEED TRIPLEX PRESSURE BOOSTER  
 FAB No. -  
 DRAWING No. FW3-14  
 REV 1

