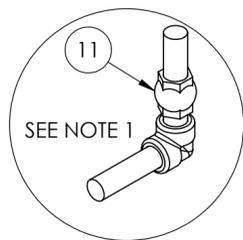
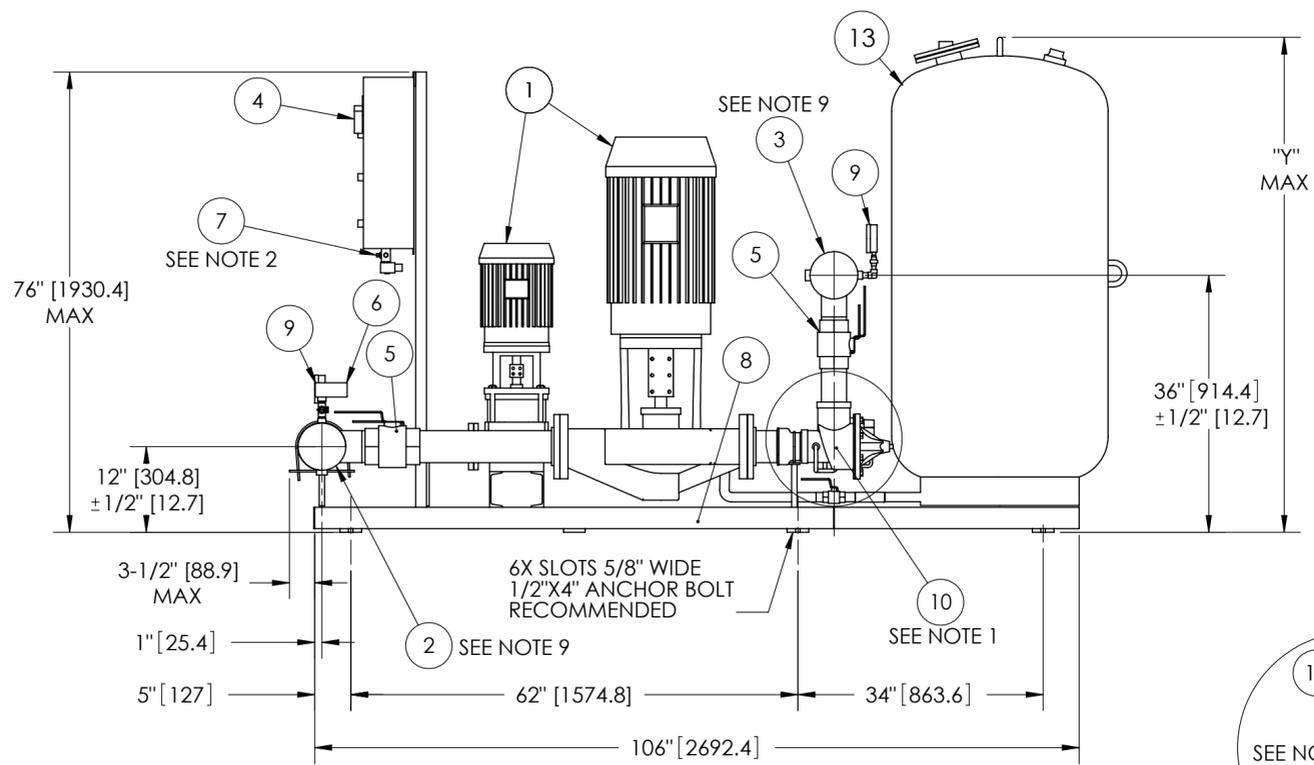
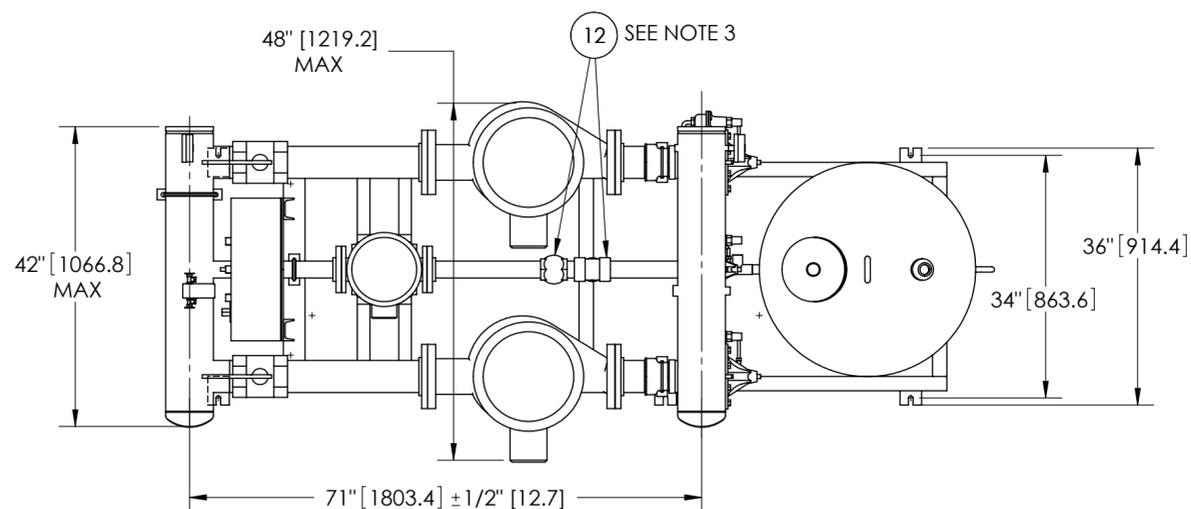


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	C	REDRAWN WITH CHANGES, SEE E.O. #103838	2/14/11	

FILE NO.: 62.5242
DATE: May 07, 2011
SUPERSEDES: 62.5242
DATE: Feb. 01, 2010



INCLUDED
 PRV CHECK VALVE

NOTES:

- Item 10 (PRV) is standard for constant speed packages.
- Item 7 is standard for continuous run packages and not standard for intermittent use packages, 1/4" NPT to be connected to drain by others.
- Items 12 are optionally available on Constant Speed systems with PRVs and adjacent mounted drawdown tanks. Dimensions in parenthesis applies when items 12 are used. For Check Valve only systems items 12 are not provided, dimensions in parenthesis do not apply and 1" [25.4] tank connection is located on discharge header.
- Dimensions are based on factory choice standard components. For other than standard consult factory, as a new drawing may be required.
- All dimensions are in inches [Metric].
- Tolerances are +/- 1/4" [6.35] unless otherwise specified.
- Drawings are for layout purposes only.
- Drawing 2402-301 is applicable for Pumps with connection size up to 3", 30hp @ 3600rpm, and nominal impeller diameters of 10". For other sizes consult factory for new drawing.
- Booster is supplied with standard groove for header connections suitable for optional victaulic type or equivalent flanges (optionally supplied loose).
- Type L copper suitable for 175psi, type K suitable for 250psi.

Maximum System Pressure: 175 PSI 250 PSI

INLET ORIENTATION

LEFT HAND - STD. AS SHOWN RIGHT HAND

HEADER SIZE	
<input type="checkbox"/>	3" IPS PIPE 304 S.S.
<input type="checkbox"/>	4" IPS PIPE 304 S.S.
<input type="checkbox"/>	6" IPS PIPE 304 S.S.

1	PUMP & MOTOR	8	BASE & PANEL SUPPORT
2	SUCTION CONNECTION	9	PRESSURE GAUGES
3	DISCHARGE CONNECTION	10	PRESSURE REDUCING VALVE (PRV)
4	CONTROL PANEL	11	CHECK VALVE ONLY (OPTIONAL)
5	ISOLATION VALVES	12	TM CHECK VALVE & TEE (SEE NOTE 3)
6	AQUASTAT	13	DRAWDOWN TANK (SEE TANK CHART)
7	SOLENOID VALVE (1/4" NPT)		

TANK OPTIONS			
BLADDER TANK	RATING (PSI)	CAPACITY USG	DIMENSION "Y"
FX- 200V	150 (NON-ASME)	53	52.5" [1333.5]
FX- 300V		80	58.5" [1485.9]
FX-500V		132	64.5" [1638.3]
FX-750V		198	82.5" [2095.5]
400L	125 (ASME)	106	52.5" [1333.5]
500L		132	60.5" [1536.7]
600L		158	70.5" [1790.7]
800L		211	79.5" [2019.3]
700L	200 (ASME)	185	85.5" [2171.7]

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES WEIGHT IN POUNDS		DRAWN	SP 11/29/03
TOLERANCES: FRACTIONAL ±1/4 ANGULAR: MACH ±0.5° BEND ±0.5° TWO PLACE DECIMAL ±0.25 THREE PLACE DECIMAL ±0.020		CHECKED	JMC 3/30/11
DIMENSIONING AND TOLERANCING PER: ASME Y14.5-1994		Q.A.	EH 3/30/11
MATERIAL		MFG APPR.	JRL 3/30/11
THIRD ANGLE PROJECTION		ENG APPR.	JC 3/30/11
NEXT ASSY		COMMENTS:	
USED ON		DO NOT SCALE	
APPLICATION		DESIGN AUTHORITY: S.A. ARMSTRONG	

ARMSTRONG

TITLE: **6782/3 - TRIPLEX DWB**

SIZE: **C** DWG. NO.: 2402-301 REV: **C**

SCALE: NTS WEIGHT: SHEET 1 OF 1

DO NOT SCALE

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