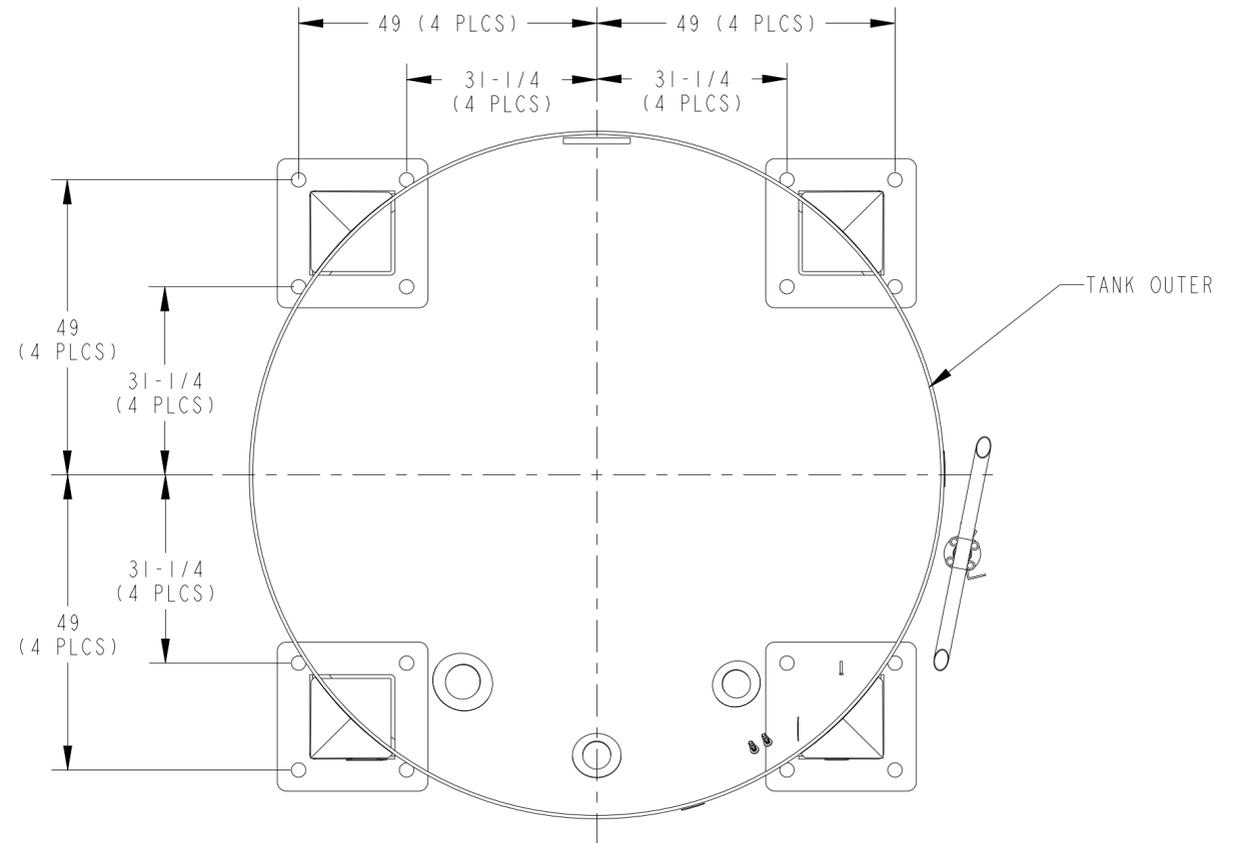
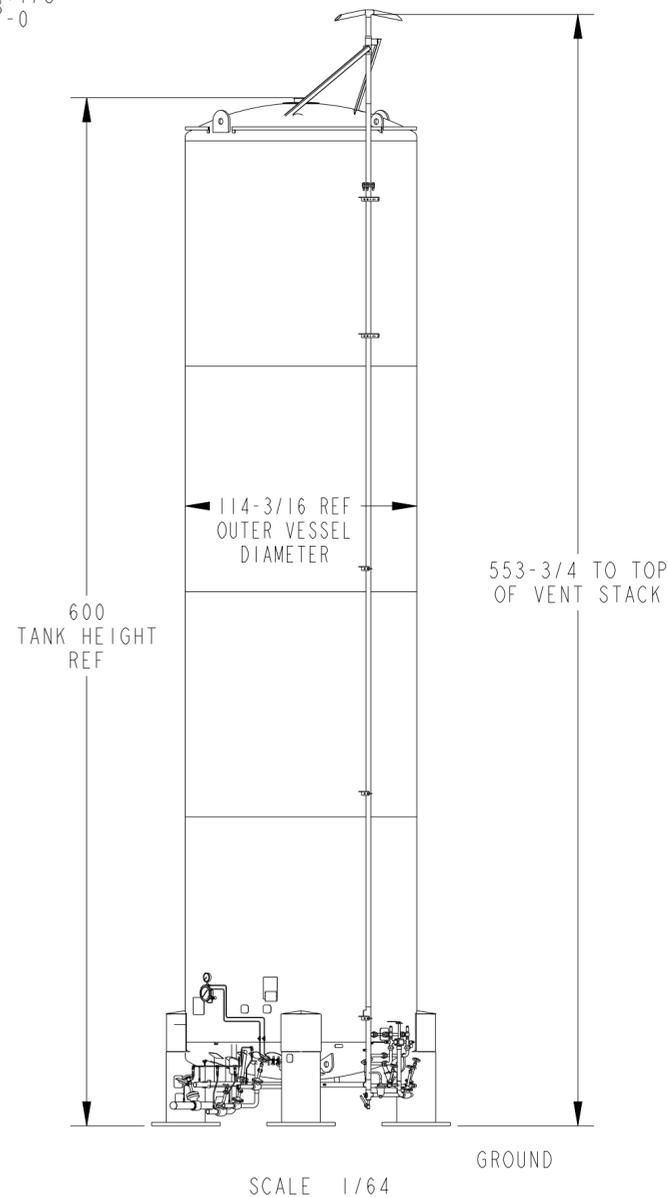


FOOT PAD
1-3/4" THK
(4 PLCS)
SCALE 3/32



FOOT PAD HOLE LAYOUT
SCALE 3/64
TOP VIEW

CAPACITIES			
MODEL:		VS-15000	
CAPACITY	GROSS (COLD)	GALLONS	14,816
	NET (COLD)	GALLONS	13,340
GASES EQUIVALENT AT 1 ATM AND 70°F / 1 ATM AND 0°C		LNG SCF	1,110,100

INNER VESSEL DESIGN DATA	
Model:	VS-15000
MAWP:	PSIG 175
DESIGN PRESSURE:	PSIG 197.3
CODE COMPLIANCE:	ASME CODE CASE 2596
DESIGN TEMPERATURE:	°F -320° TO 120°
MATERIAL OF CONSTRUCTION:	SA240 304 STAINLESS STEEL
OUTER VESSEL DATA	
CODE COMPLIANCE:	FULL VACUUM PER CGA-341
DESIGN TEMPERATURE:	°F -20° TO 300°
MATERIAL OF CONSTRUCTION:	A36 CARBON STEEL
INSULATION TYPE:	VACUUM AND MULTILAYER INSULATION
EVACUATION CONNECTION:	3-1/2" PUMPOUT PORT
VACUUM GAUGE CONNECTION:	HASTINGS DVR6
BUILDING CODE: DESIGNED FOR CURRENT BUILDING CODE SEE CHART POLICY #NP-180	

WEIGHTS AND SHIPPING DATA			
MODEL:		VS-15000	
MAWP	PSIG	175	
WEIGHT EMPTY	POUNDS	50,400	
WEIGHT FULL	LNG POUNDS	99,800	
SHIPPING DIMENSIONS	INCHES (L * W * H)	513 x 125 x 125	

THIRD ANGLE PROJECTION

Material Required
SEE B.O.M. UNLESS OTHERWISE STATED

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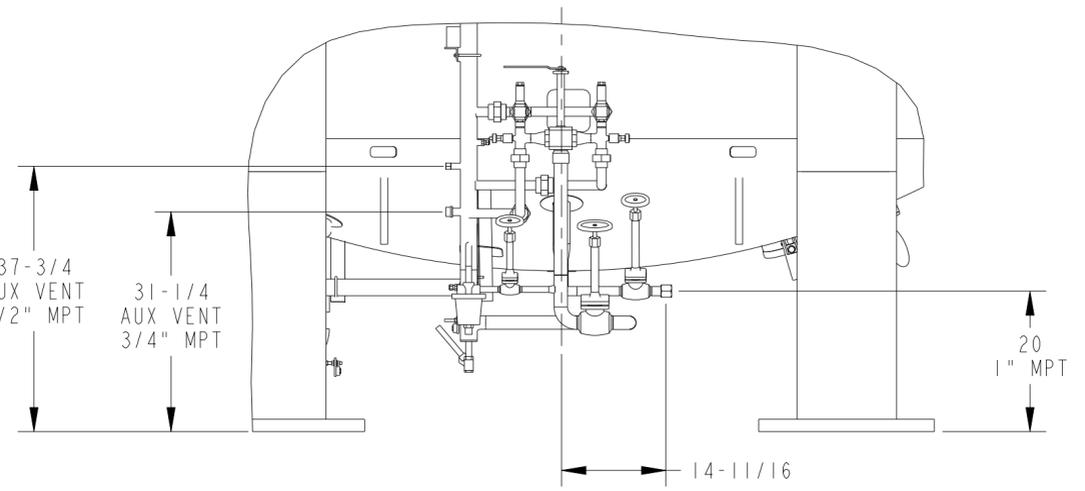
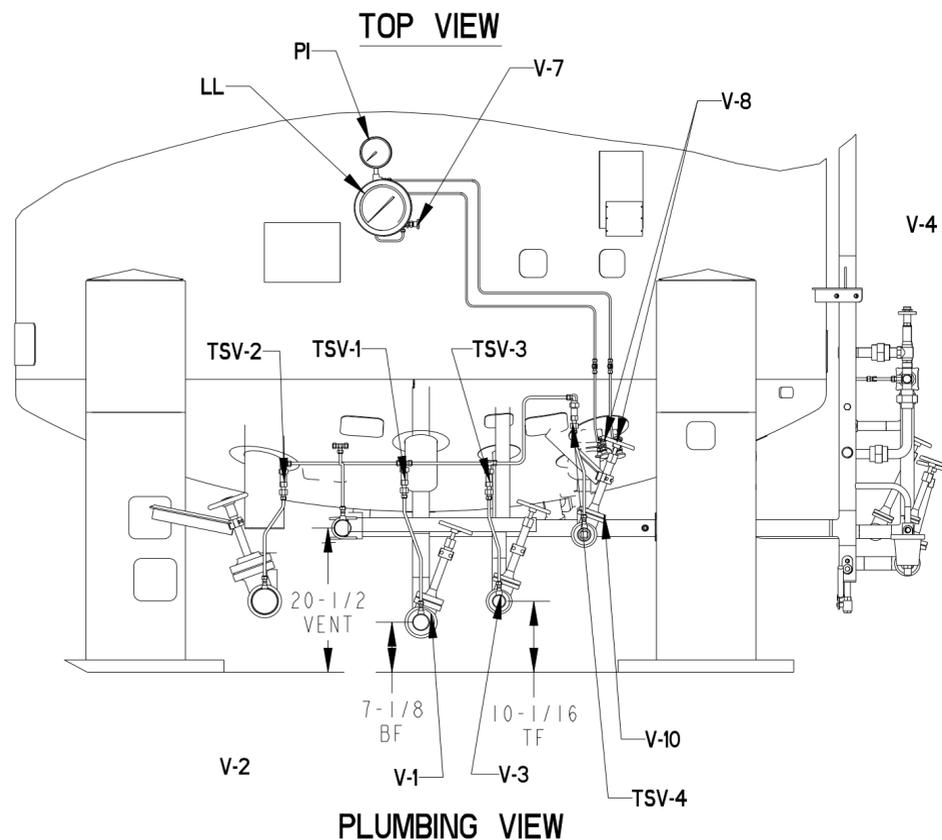
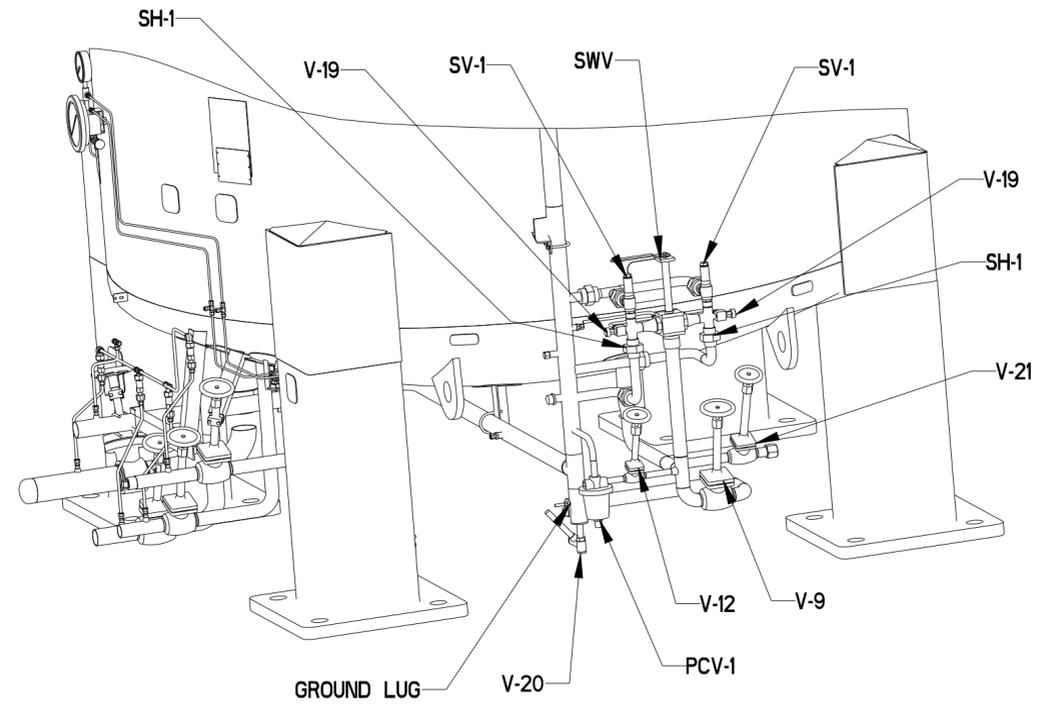
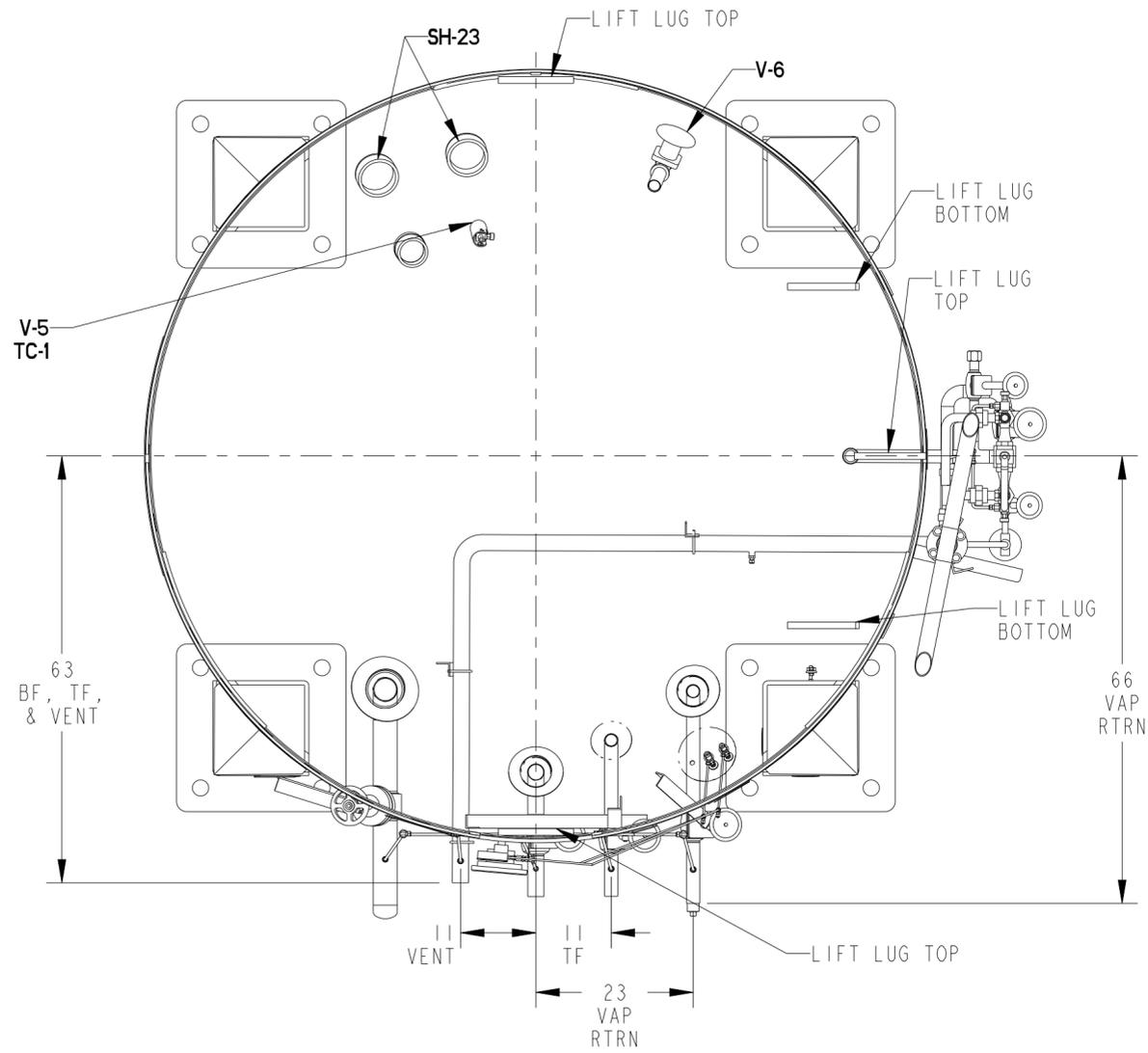
APPROVED	DATE
DRAWN BY: JSG	8/08/11
CHK'D BY: -	-
PROJ. ENGR.: JDS	8/19/11
QUAL. CONT.: -	-
MFG. ENGR.: -	-
MFG. SERV.: -	-

REV	ECR NO	DESCRIPTION	BY	DATE
B	-	CHG TABLE V-1, V-10, V-12	JSG	6/04/12
A	-	CHG DIM 22" WAS 17-1/2	JSG	9/01/11

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TITLE P&ID VS-15000SC-175CS-LNG NS
4 LEGS

DRAWING NUMBER	C-15097634	Rev	B
SCALE	1/8"=1"	PART NUMBER	15097634
		SHEET	1 OF 1



VENT VIEW

TOP VIEW

PLUMBING VIEW

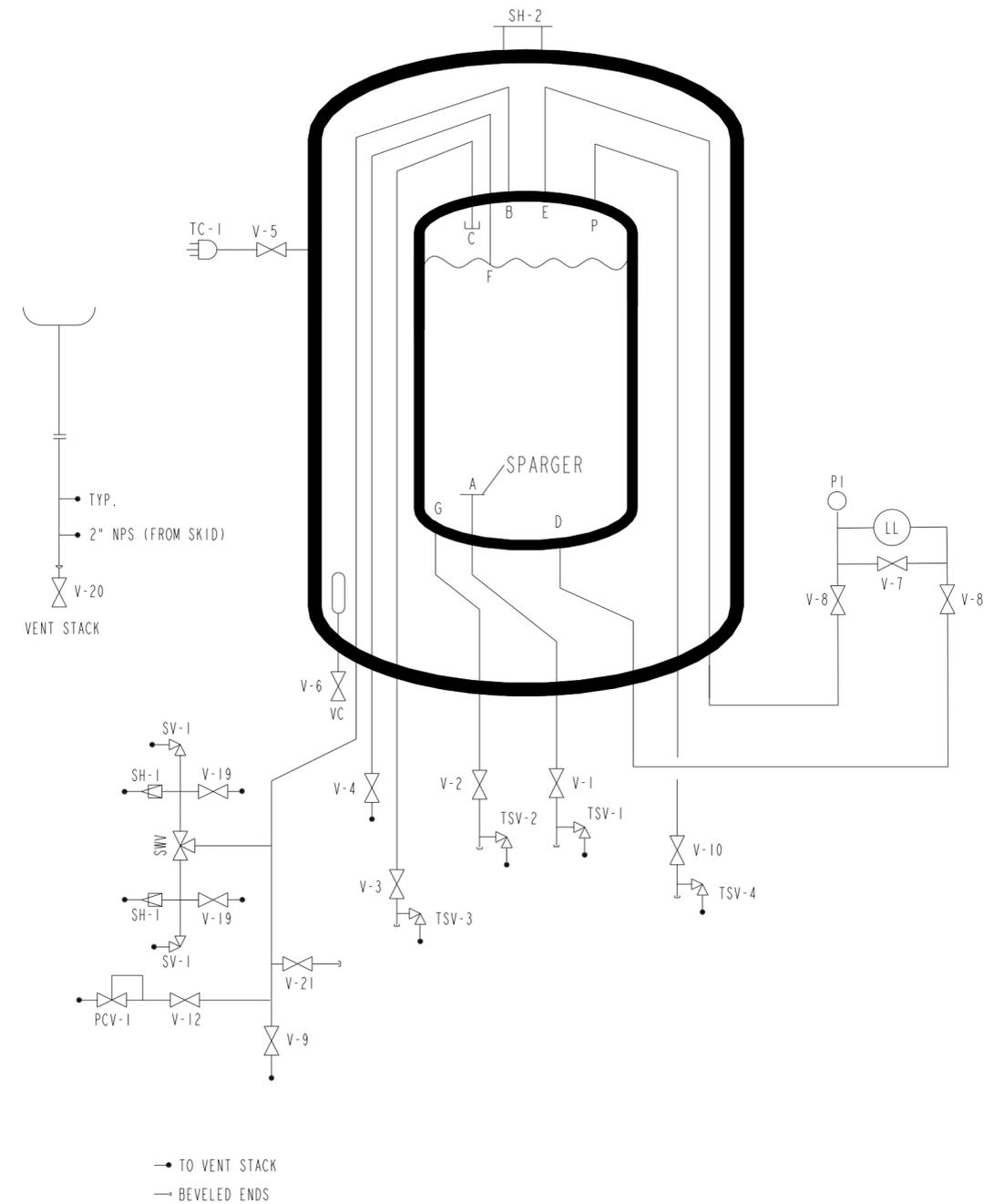
<p>VISIT US AT CHARTINDUSTRIES.COM OEM PARTS AT CHARTPARTS.COM</p>		<p>APPROVED DRAWN BY JSG</p>	<p>DATE 8/08/11</p>	<p>CHART Distribution & Storage, New Prague Operations Innovation. Experience. Performance.®</p>
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<p>DRAWING NUMBER SCALE 7/128"=1"</p>		<p>PART NUMBER 15097634</p>		<p>Rev B SHEET 2 OF 3</p>

PIPING LEGEND

TAG DEFINITION	CHART NO	VENDOR INFORMATION	SIZE
V-1	14812763	VALVE GLOBE SS 2NPS BW HEROSE #01341.5060.0027	2" NPS
V-2	14812747	VALVE GATE SS 3NPS BW HEROSE #09340.8088.0021	3" NPS
V-3	14812739	VALVE GLOBE SS 1-1/2NPS BW HEROSE #01341.4048.0027	1-1/2" NPS
V-4	14812780	VALVE GLOBE SS 1/2NPS BW HEROSE # 01341.1521.0017	1/2" NPS
V-5	10482381	VALVE BELLOWS SEALED BRS 1/8 HOKE 4111L2B BRS 1/8MPT*1/8FPT	1/8" NPS
V-6	11889896	VALVE DIAPHRAGM CAST 1-1/2 FPT EVAC ITT GRINNELL #2401-903-T	1-1/2" FPT
V-7	11764911	VALVE NEEDLE SS WHITEY SS-1KS4 WHITEY #SS-1KS4-SC-11	1/4" MPT
V-8	11076684	VALVE NEEDLE SS 1/4MPT*1/40DT SWAGelok #SS-1KM4-S4-A-SC11	1/4" MPT
V-9	14812739	VALVE GLOBE SS 1-1/2NPS BW HEROSE #01341.4048.0027	1-1/2" NPS
V-10	15097440	VALVE GATE SS 1-1/2NPS BW HEROSE # 09340.4048.0012	1-1/2" NPS
V-12	14812780	VALVE GLOBE SS 1/2NPS BW HEROSE # 01341.1521.0017	1/2" PS
V-19	11706684	VALVE NEEDLE SS 1/4MPT*1/40DT SWAGelok #SS-1KM4-S4-A-SC11	1/4" MPT
V-20	1714861	VALVE BALL SS 1/2FPT APOLLO #76-503-57 W/SELF	1/2" FPT
V-21	14812798	VALVE GLOBE SS 1 NPS BW HEROSE # 01341.2533.0027	1" PS
SWV	11633840	VALVE BALL DIV SS 1-1/2NPS WORCESTER # C4466PMSWVI	1-1/2" NPS
SV-1	11494827	RV BRZ 3/4MPT*1FPT 175 PSIG HEROSE #06388-1006-6044	3/4" MPT x 1" FPT
PCV-1	14067880	REG SS 1/2PS BW @ 130PSI CASH FR T316L VALVE #17864 (75-200PSI)	1/2" NPS
SH-1	11556071	263 PSIG BS TYPE UA-6	1" NPS
SH-2	-	CHART STANDARD	6"
TSV-1	20534762	RV BRS GENERANT #CRVP4-250B-K-275	1/2" FPT
TSV-2	20534762	RV BRS GENERANT #CRVP4-250B-K-275	1/2" FPT
TSV-3	20534762	RV BRS GENERANT #CRVP4-250B-K-275	1/2" FPT
TSV-4	20534762	RV BRS GENERANT #CRVP4-250B-K-275	1/2" FPT
LL	13541800	DIFF PG 6" 0-300"H2O MW MIDWEST#116	1/4" FPT
PI	2013511	PG 4-1/2"DIAL 0-200PSI 1/4"LM US GAUGE FIG #1981-155027	1/4" MPT
TC	4210049	VACUUM GAUGE TUBE DV-6RS HASTINGS 1415671S #DV-6RS	-
VC	-	1- 1/2" PS PLUG	1-1/2" NPS

INTERNAL LINE SIZES

Point	Line Size	Description
A	2" PS	BOTTOM FILL
B	2" PS	VENT
C	1-1/2" PS	TOP FILL
D	.375" OD	BOTTOM GAUGE
E	.375" OD	TOP GAUGE
F	.625" OD	FULL TRYCOCK
G	3" PS	BOTTOM LIQUID DRAW
P	1-1/2" PS	VAPOR RETURN



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DRAWING NUMBER		C-15097634		Rev B
SCALE		1/8" = 1"		PART NUMBER
		15097634		SHEET
				3 OF 3