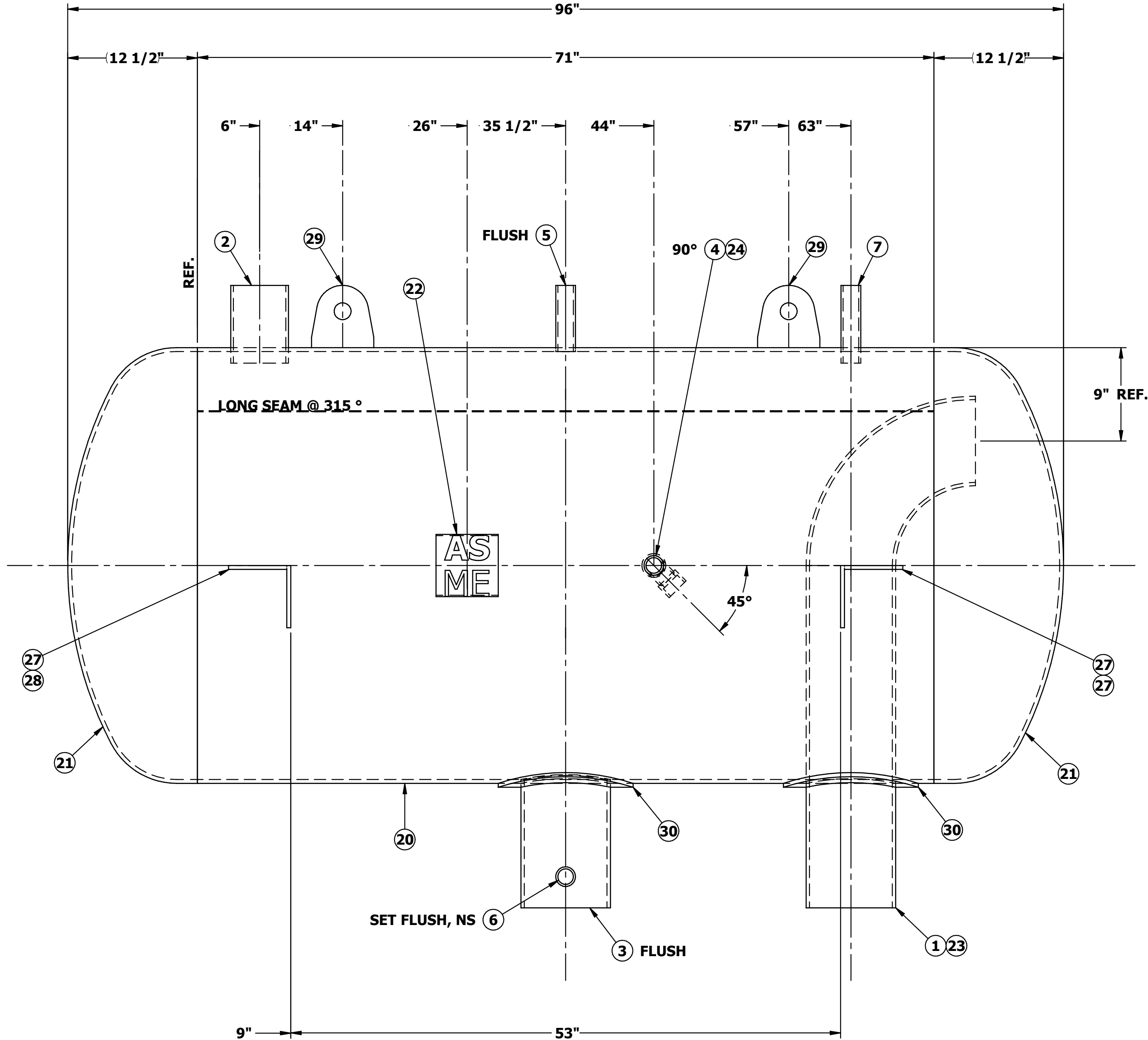
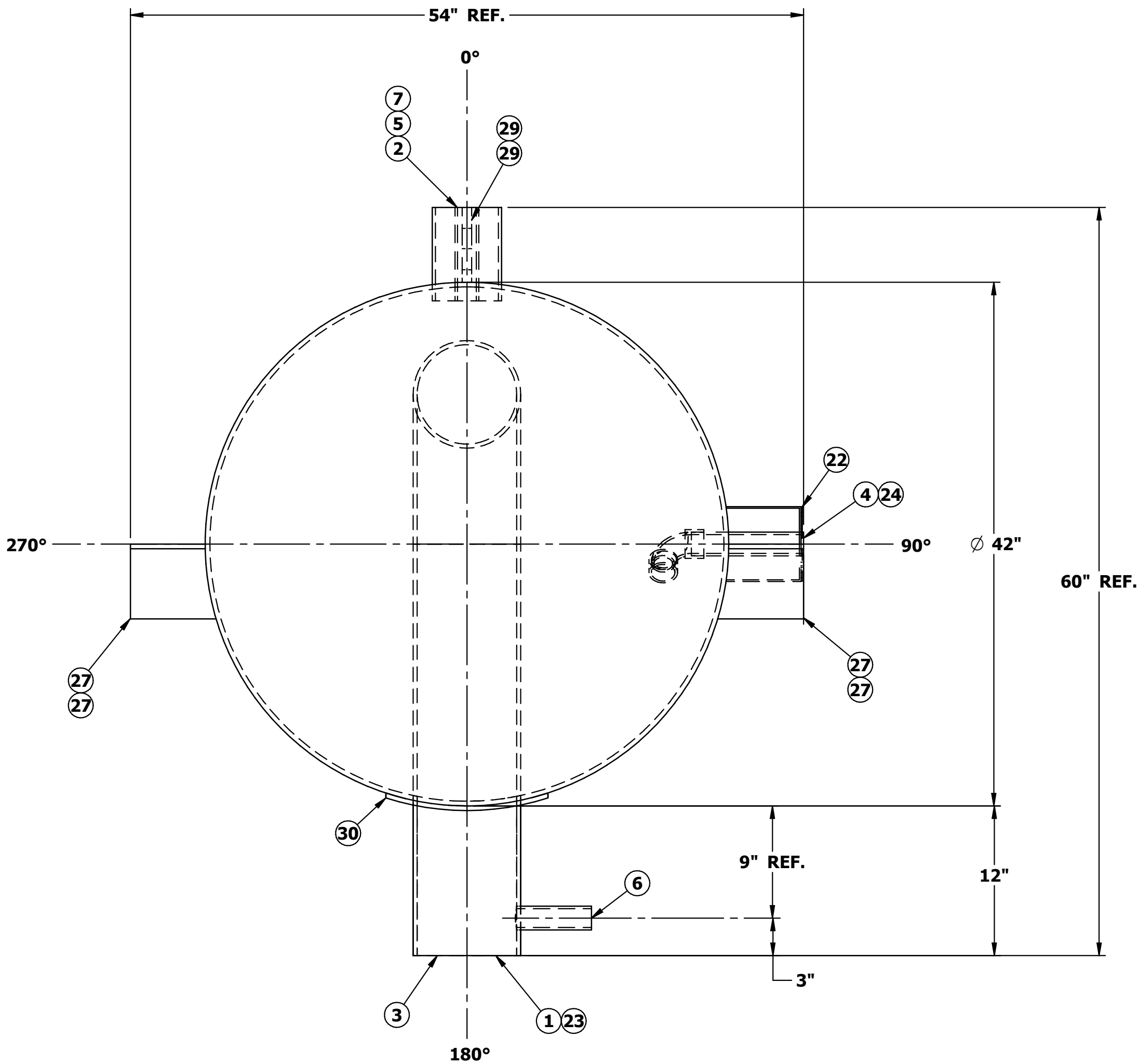
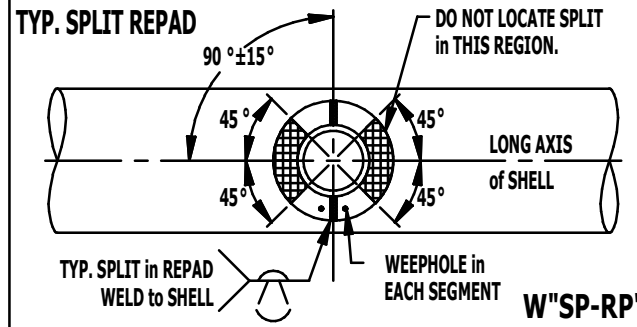
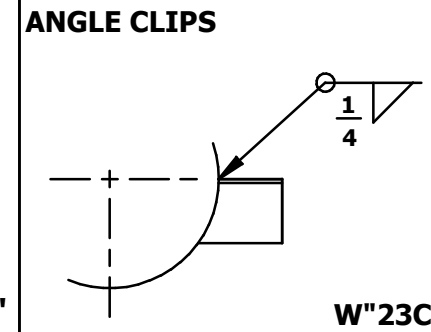
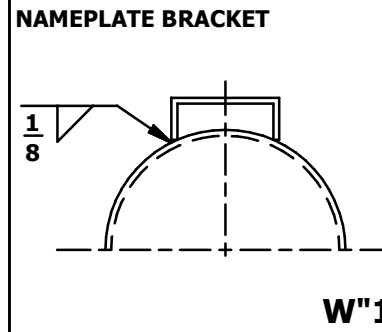
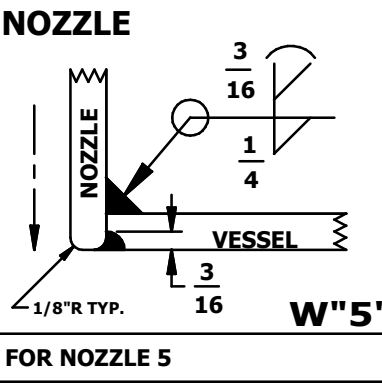
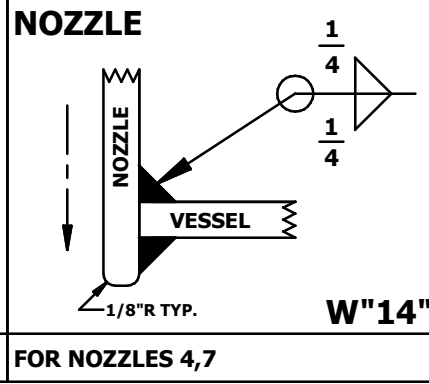
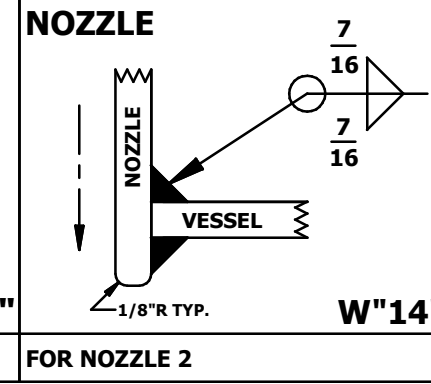
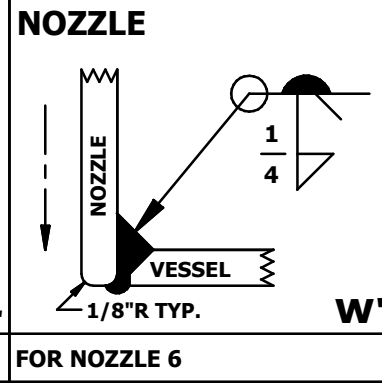
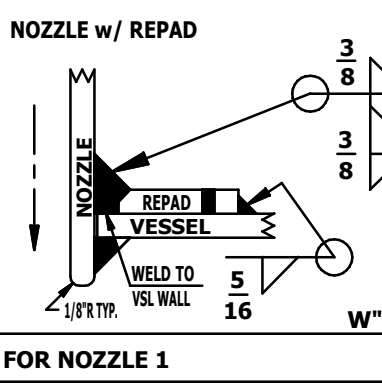
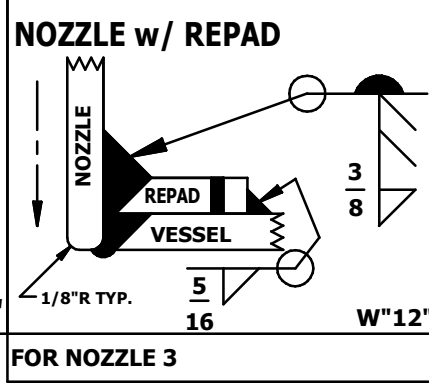
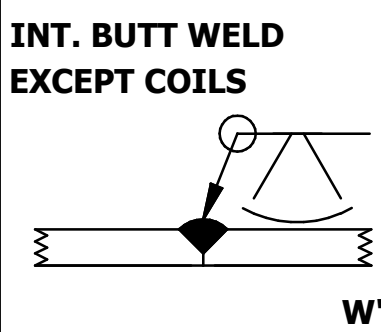
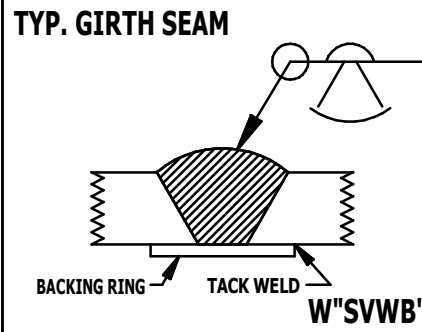
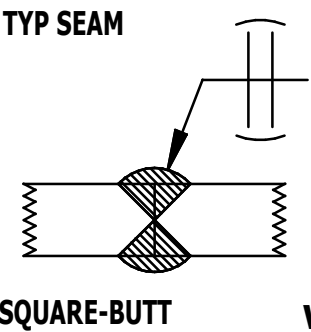
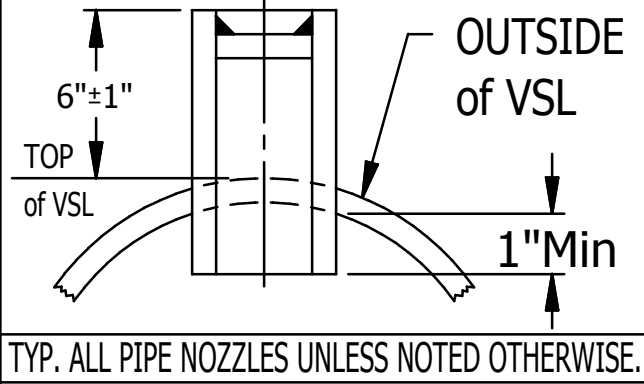


- GENERAL NOTES
- 1.) SA53B SMLS PIPE MAY BE SUBSTITUTED FOR SA106B SEAMLESS PIPE.
 - 2.) SA516-70 PLATE MAY BE SUBSTITUTED FOR SA36 PLATE.
 - 3.) FABRICATION TOLERANCES PER R.V.S. SHOP PROCEDURE No. T-701.
 - 4.) ALL BOLT HOLES STRADDLE CENTERLINES.
 - 5.) ALL CPL'GS EXTEND INSIDE FOR WELDING UNLESS NOTED OTHERWISE.
 - 6.) ALL WELDS:
CARBON STL. TO CARBON STL.: WPS-1-1
STAINLESS STL. TO STAINLESS STL.: WPS-8-8
CARBON STL. TO STAINLESS STL.: WPS-1-8
 - 7.) ALL HOLES SHALL BE DRILLED.



CERTIFIED

RVS JOB NO. J11505

C:\New Jobs\46551\46551.dft

2			
1			
0	WMH 9/21/11 WMH 9/30/11	SENT FOR APPROVAL. APPROVED & RELEASED FOR FABRICATION	DS 9/21/11 DS 9/30/11
Rev.	DATE/BY	DESCRIPTION	CHK'D/DATE
		ESTIMATED SHIPPING DIMENSIONS	WIDTH: 54" HEIGHT: 60" LENGTH: 96" DRY WEIGHT: 1677 lbm
CUSTOMER			PO
REPUBLIC REFRIGERATION, INC.			P-09567
VESSEL DESIGN SPECIFICATIONS DESIGN & CONSTRUCTION IN ACCORDANCE WITH SECTION VIII DIV. 1 ASME CODE FOR PRESSURE VESSELS 2010 EDITION & ADDENDA TO NONE			
SHELL: t= 0.373" CA: 0 HEADS: t= 0.305" 0.3125" MIN. AFTER FORMING CA: 0 M.A.W.P.: 250 P.S.I. HYDROTEST 325 P.S.I. -20°F to 300 °°F To 85 PSI @ -50 °°F RT: LONG: NONE / GIRTH: NONE HT: NONE PAINT: SANDBLAST SSPC-SP6, RVS BLUE PRIMER			
TITLE			
42" O.D. x 96" ASME 250# HORIZONTAL SURGE DRUM			
BRAWN BY: WMH 9/20/11	SCALE: 1 1/2" = 1'-0"	DWG NO. 46551	REV. 0
CHKD BY: DS 9/21/11	S/N: 46551		

TEST WITH WATER

HYDRO NOTES:
1) ESTIMATED VOLUME: 657 GALLONS.

MAXIMUM ALLOWABLE WORKING PRESSURE
250 PSI AT 300 °°F
MAX. ALLOWABLE EXT. WORKING PRESSURE
X PSI AT X °°F
MINIMUM DESIGN METAL TEMPERATURE
-20 °°F AT 250 85 PSI

S/N 46551 YEAR 2011

SHELL THK HEAD THK U.S. GAL SQ.FT. SURF.
In In

RVS

7	1	1.500 in	PIPE, S/80	0.200 in	SA106B	RELIEF	7.500 in
6	1	1.500 in	PIPE, S/80	0.200 in	SA106B	LEVEL COLUMN CONN.	7.500 in
5	1	1.500 in	PIPE, S/80	0.200 in	SA106B	LEVEL COLUMN CONN.	7.500 in
4	1	1.500 in	PIPE, S/80	0.200 in	SA106B	LIQUID MAKE-UP	9.000 in
3	1	8.000 in	PIPE, S/40	0.322 in	SA106B	LIQUID OUTLET	13.500 in
2	1	5.000 in	PIPE, S/40	0.258 in	SA106B	GAS OUTLET	7.500 in
1	1	8.000 in	PIPE, S/40	0.322 in	SA106B	SUCTION INLET	33.000 in
ITEM	QTY	SIZE	TYPE	RATING	MATERIAL	Service	LENGTH

30	2	13 in	O.D. PLATE w/ 1/4" Ø WEEPHOLE	0 3/8 in	SA516-70		FOR 1,3
29	2	6 in	STD LIFT LUG	0 3/4 in	SA36		
27	2	6 in	ANGLE	0 3/8 in	SA36		7 in
27	2	6 in	ANGLE	0 3/8 in	SA36		7 in
25	2	1 1/2 in	BACKING STRIP	0 1/8 in	SA36		132 in
24	1	1 1/2 in	90° S.W. ELBOW	3000#	SA105		
23	1	8 in	90° B.W. ELBOW	S/40	SA234-WPB		LR
22	1	6 in	STD NAMEPLATE BRKT	10 GA.	SA36		6 in
21	2	42 in	O.D. 2:1 ELLIP. HEAD	0 3/8 in	SA516-70		
20	1	42 in	O.D. ROLLED SHELL	0 3/8 in	SA516-70		71 in
ITEM	QTY	SIZE	TYPE	RATING	MATERIAL	Service	LENGTH