

MATERIAL SPECIFICATIONS

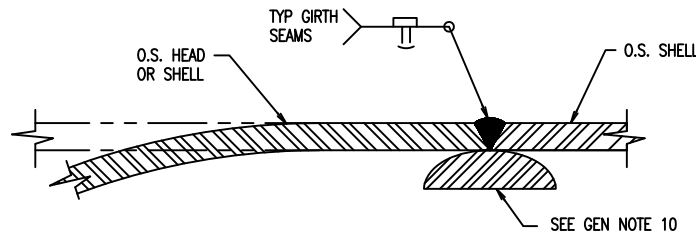
HEADS:-----	SA455
SHELL:-----	SA455
STRUCTURAL:-----	P-1, SA36 OR EQUAL
COUPLINGS:-----	SA105 OR EQUAL
INTERNAL PIPE:-----	A120, P-1 OR EQUAL
LEGS & PADS:-----	SA36 OR EQUAL
RISER PIPE:-----	SA538 SMLS OR SA106B

GENERAL NOTES

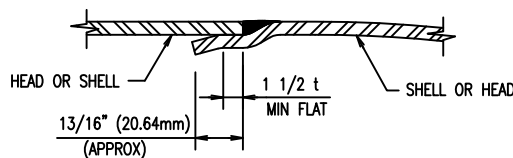
1. OPENING "A": PROVIDE WITH A FIXED DIP TUBE WHEN FILLED VOLUMETRICALLY.
 - a. USA & MEXICO LIQUID LEVEL IS 89% (28.06" (712.72mm))
 - b. CANADIAN LIQUID LEVEL IS 85.8% (29.9" (759.46mm))
2. OPENING "A": INSTALL PIPE (ITEM 12) IN MULTIVALVE FOR LIQUID BAFFLE TO PREVENT LIQUID ENTERING SERVICE VALVE WHEN FILLING.
3. OPENING "B": PROVIDED WITH WITHDRAWAL TUBE PER 1711220009 (ITEM 13).
4. INSTALL FLOAT GAUGE WITH ARM SET 45° OFF AXIS OF TANK AS INDICATED IN SECTION A-A.
5. OUTSIDE SURFACE AREA IS 305 SQ. FT. (28.38 SQ. M.), MINIMUM RELIEF REQUIRED FOR LPG IS 1,753 SCFM.
6. TAG KIT (ITEM 9) MUST BE WIRED TO MULTIVALVE PRIOR TO SHIPMENT. SERIAL NUMBER TAG (ONLY) TO BE REMOVED BEFORE SHIPPING.
7. VALVE MANUFACTURER INSTRUCTIONS ARE TO BE SENT WITH TANK TO CUSTOMER.
8. TWO NAMEPLATES ARE REQUIRED, ONE WELD-ON TYPE WELDS TO TANK, ONE CABLE-ON TYPE, STAMPED "DUPLICATE", WILL BE SUPPLIED WITH THE TANK. DUPLICATE NAMEPLATE TO BE INSTALLED PER DRAWING 1711220019.
9. NAMEPLATES:
 - a. USE 1711290198 AND 1711290085 WHEN FABRICATED IN USA FOR USE IN USA.
 - b. USE 1711290161 AND 1711290162 WHEN FABRICATED IN USA FOR USE IN CANADA.
10. THE SHELL RINGS ARE SIZED FOR CRIMPED SEAMS. IF BUTT WELD W/BACK-UP BAR IS USED, THE CENTER SECTION OF THE TANK WILL BE MODIFIED TO MAINTAIN OVERALL LENGTH OF TANK. BACK-UP BAR WILL BE 1712190010-03.
11. ANODE BOLT TO BE INSTALLED WITH TWO NUTS.
12. SHOP TO SEAL WELD ITEMS 14 & 15 TO THE VESSEL. THIS WILL INCLUDE THE HOLE IN THE HINGE THAT IS NEXT TO THE TANK.
13. OUTAGE TUBE LENGTHS AS FOLLOWS:
 - a. USA UN-INSTALLED TUBE LENGTH IS 29.46" (748.28mm) + 1/8" (3.18mm), -0".
 - b. CANADIAN UN-INSTALLED TUBE LENGTH IS 31.3" (795.02mm) + 1/8" (3.18mm), -0".
14. OPENING "A": MULTI-VALVE G8475RV IS TO BE INSTALLED IN ACCORDANCE WITH THE TRINITY CONTAINERS, LLC QUALITY ASSURANCE PROCEDURE QS-LP-8.

SIDE ELEVATION

(SECTION A-A ON SHEET 2)

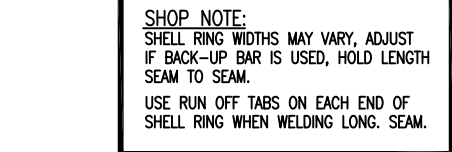


OPTIONAL
DETAIL OF HEAD TO SHELL
AND INTERMEDIATE GIRTH SEAMS






DETAIL OF HEAD TO SHELL SEAM

OFFSET JOINT CONFORMS TO ASME CODE
SECTION VIII DIVISION 1, FIGURE UW-13.1(i)
IF OFFSET IN SHELL, LIQUID DYE PENETRANT, WET OR
DRY MAGNETIC PARTICLE METHOD AT THE LONGITUDINAL SEAM
INSIDE AND OUTSIDE PER TRINITY CONTAINERS, LLC PROCEDURE



B	1	7590UT										
A	1	ROCHESTER PART NO. 6281-04497 W/ DIAL 5909S02799 G8475RV (SEE GEN NOTE 14)										
MARK	QTY	REGO LPG	A	1	2 1/2"	PIPE, SCH 40 T.O.E.	MULTIVALVE	8, 17, 18	FLUSH I.S.	1/2	16.1 (w-1)	1,2,13
			MARK	QTY	SIZE	DESCRIPTION	SERVICE	ITEM	PROJ	WELD	ATTACH. FIG.	GEN. NOTES
FITTINGS PARTS LIST SHIP INSTALLED ON VESSEL			SCHEDULE OF OPENINGS									

X-RAY LEGEND

- | | |
|---|---|
|  | FULL OR RADIOSCOPE
PER WRITTEN
PROCEDURES |
|  | SPOT REQUIRED
PER UW-11(a)(5)(b) |
|  | SPOT PER UW-11(b) |

%

CUSTOMER:

F	JA	7-26-12	REVISED FLOAT GAUGE.
E	MCG	9-23-10	CHANGE VALVE KIT, WAS 0907055
D	JF	12-22-06	REVISED TRINITY NAME.
C	JF	6-8-06	ADDED CANADIAN L.L. REQUIREMENTS
B	JF	2-28-06	REVISED DIA & HYDRO PRESS.
A	JF	8-17-05	REVISED CONSTRUCTION NOTE 1.
REV	BY	DATE	REVISION



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DRAWN	BBN	10-29-04	TANK, HORIZONTAL STORAGE 46.77" OD (1188mm), 2000 NOM WG (7570 l), 250 PSI (1.72 Mpa) TRINITY STANDARD UGLR PROPANE FOR NON-CORROSIVE SERVICE
CHKD	JF	10-29-04	
APPD	JCR	10-29-04	
FILE NAME	eB		
LCN	02		

WEIGHT		DRAWING NO:	SHEET 1 OF 2	REV F	SIZE D
		0074004200003			

17

16

15

14

13

12

11

10

8

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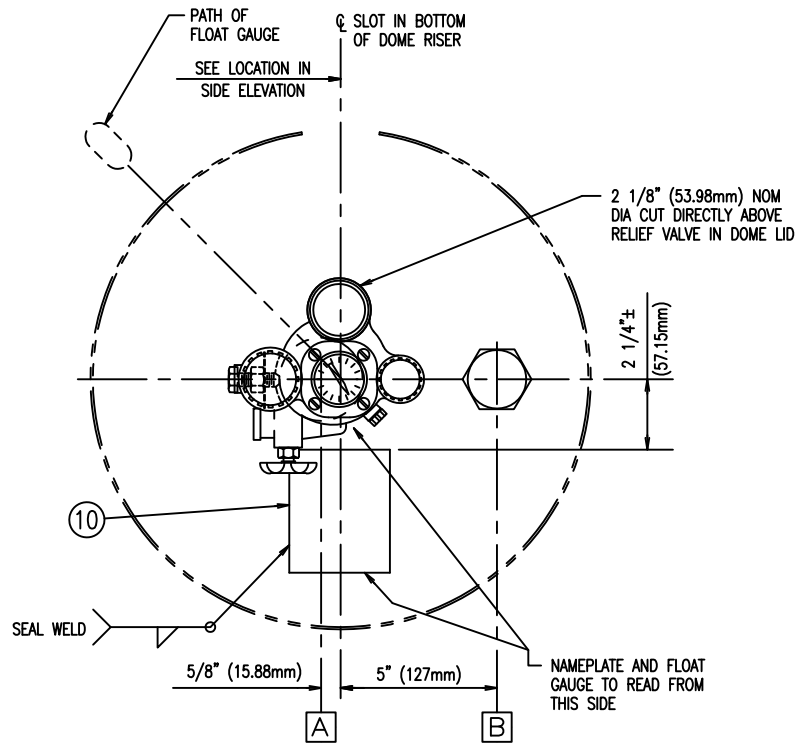
1

LINE CHART

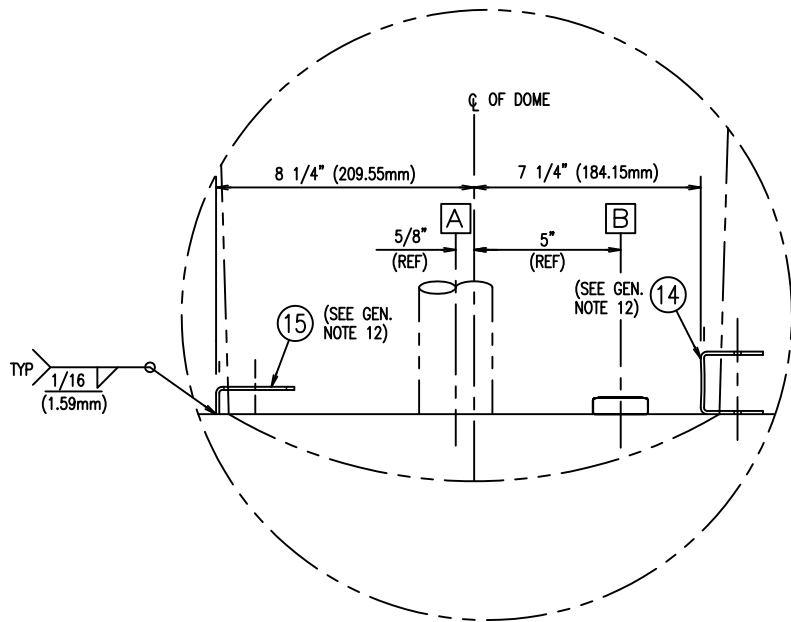
LINE	ITEM 19 PART NO.	QUANTITY	PAINT COLOR
99	2710018	17.66 LBS/8.01 kg	REDOX
CA	2710018	17.66 LBS/8.01 kg	REDOX

PARTS LIST

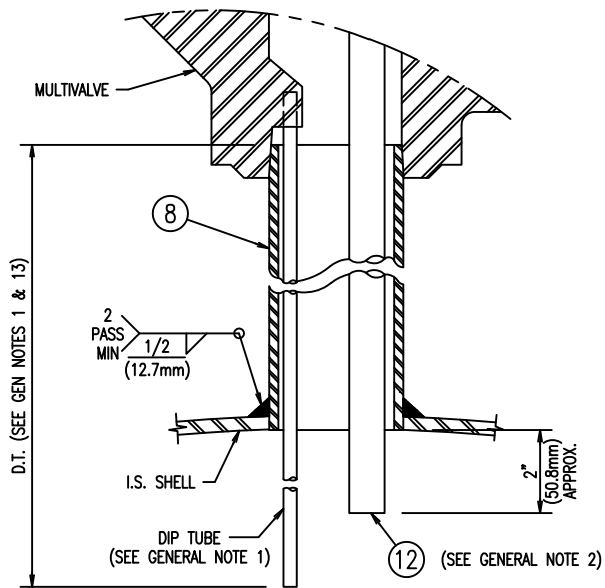
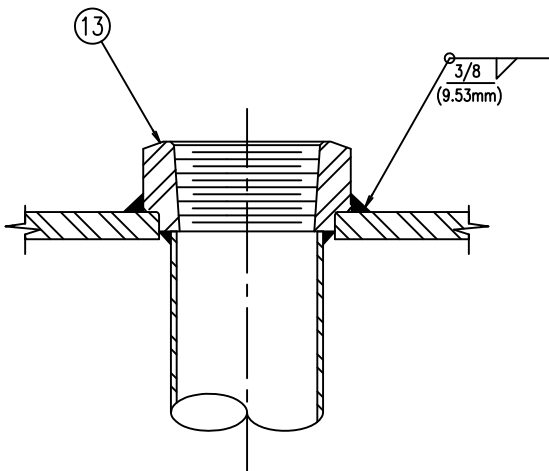
ITEM	PART NO.	QTY	DESCRIPTION
1	1711020022	2	HEAD, ELLIP. 2:1, 0.271" (6.88mm) MIN. THK X 46.77" (1188mm) OD
2	1711050014-01	2	SHELL RING, 0.273" (6.93mm) THK X 93.3125" (2370.14mm) LG
3	1711050014-02	1	SHELL RING, 0.273" (6.93mm) THK X 76.375" (1939.93mm) LG
4	1711180004-02	4	LEG, SUPPORT
5	1711070002-09	4	PAD, 1/4" X 9" X 12"
6	1711150004	4	LUG, LIFTING
7	1711070002-07	4	PAD, 1/4" X 3" X 7"
8	1711230001-02	1	PIPE, 2 1/2" (63.5mm) SCH 40 X 20 1/2" (520.7mm) (T.O.E.)
9	0907003	1	KIT, TAG (SEE GENERAL NOTE 6)
10	1711290198	1	NAMEPLATE, WELD-ON TYPE (SEE GEN. NOTES 8 & 9)
11	1711290085	1	NAMEPLATE, CABLE-ON TYPE (SEE GEN. NOTES 8 & 9)
12	1711230002-03	1	PIPE, 3/4" (19.05mm) SCH 40 X 23 5/8" (600.08mm) (T.O.E.)
13	1711220009	1	WITHDRAWAL TUBE, 46.614" (1184mm) OD
14	1711190001	1	HINGE, TANK, HOT DIPPED GALV. G-30 STL.
15	1711190019-06	1	HASP, TANK, HOT DIPPED GALV. G-30 STL.
16	1711220019	1	NAMEPLATE DUPLICATE ASS'Y
17	0907010	1	VALVE KIT, REGO (SEE GEN. NOTES 1 & 2)
18	230806057	1	FLOAT GAUGE, UGLR (SEE GEN NOTE 4)
19	SEE LINE CHART		COATING (SEE CONSTRUCTION NOTE 16)



SECTION A-A



DETAIL "B"

WELD ATTACHMENT DETAL
OPENING MK "A"WELD ATTACHMENT DETAL
OPENING MK "B"

F	JA	7-26-12	REVISED ITEM 18. WAS 230806029.
E	MCG	9-23-10	CHANGE VALVE KIT, WAS 0907055
D	JF	12-22-06	REVISED TRINITY NAME.
C	JF	6-8-06	ADDED CANDIAN L.L. REQUIREMENTS.
B	JF	2-28-06	REVISED ITEMS 1, 2 & 3.
A	JF	8-17-05	REVISED SECTION "A-A".
REV	BY	DATE	REVISION

S/O

CUSTOMER:



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DRAWN BBN 10-29-04

CHKD JF 10-29-04

APPD JCR 10-29-04

FILE NAME eB

LCN 02

WEIGHT

DRAWING NO:

0074004200003

SHEET 2 OF 2

REV F

SIZE D

TANK, HORIZONTAL STORAGE
46.77" OD (1188 mm), 2000 NOM WG
(7570 l), 250 PSI (1.72 Mpa)
TRINITY STANDARD UGLR PROPANE
FOR NON-CORROSIVE SERVICE