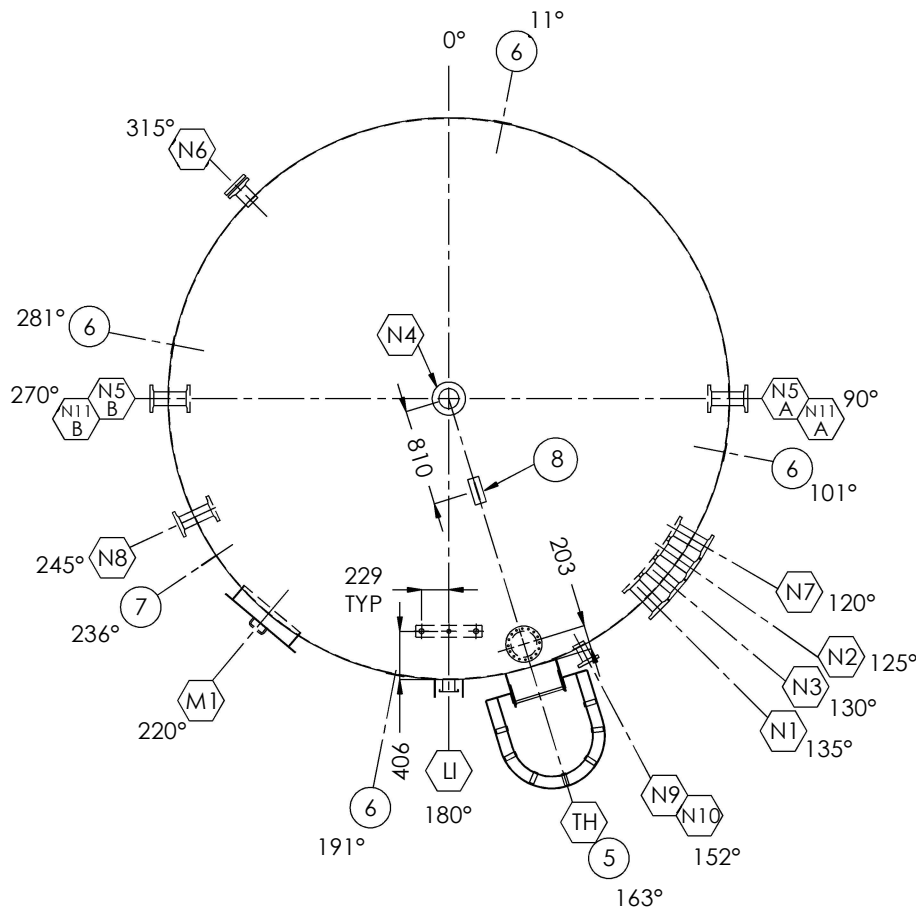
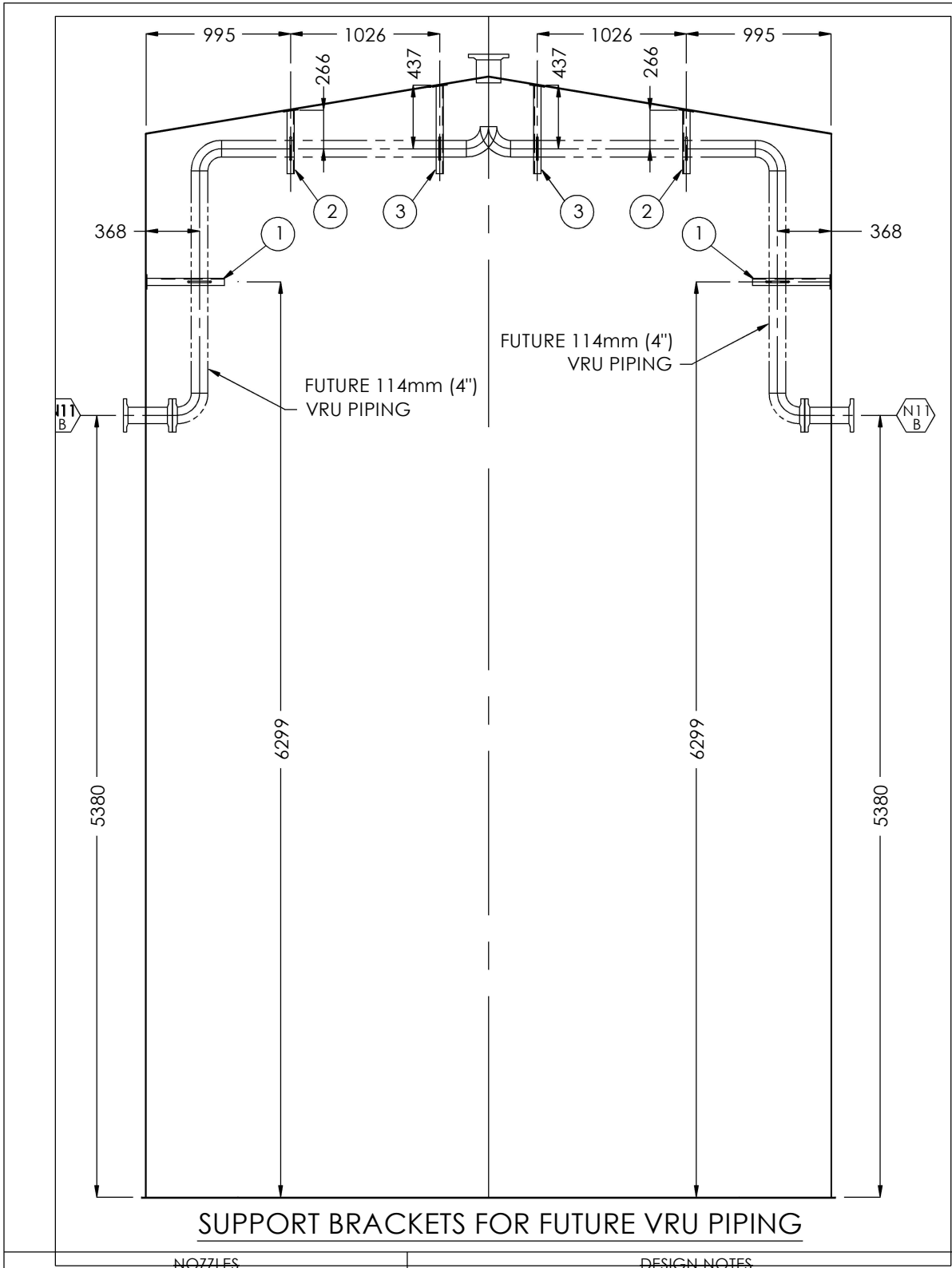
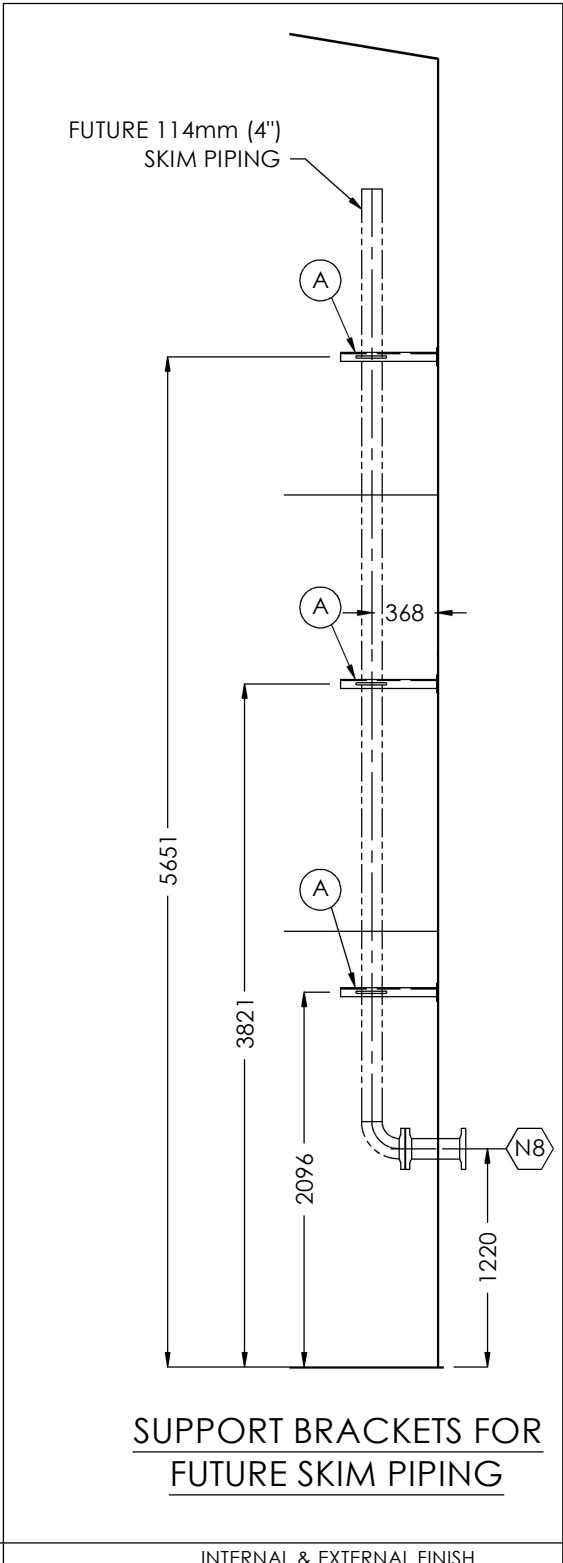




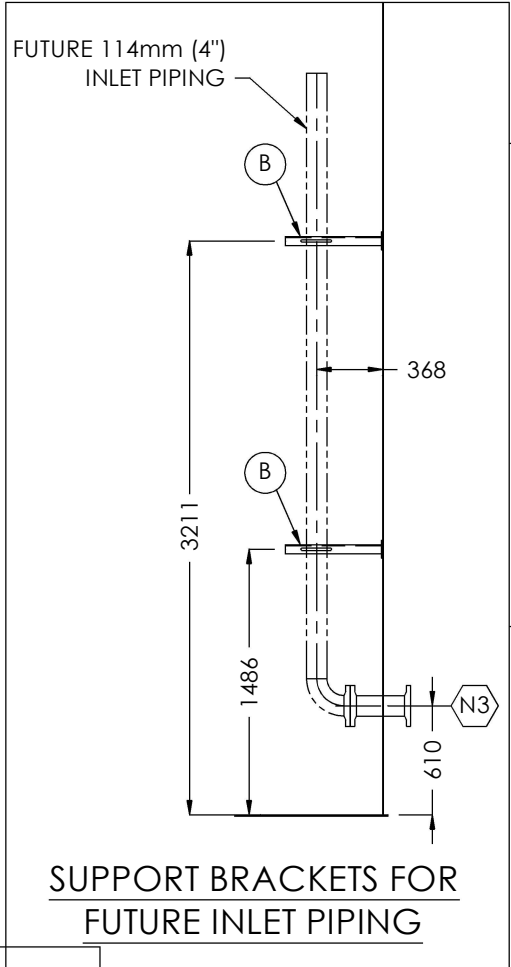
BILL OF MATERIALS						
MARK	QTY	MATL	PRODUCT #	DESCRIPTION	SERVICE	
1	1	A36	78852	6.4 PL. x 4826 Ø (FLAT BOTTOM)		
2	4	A36	10833	4.8 PL. x 1829 x 14841 LG.		
3	1	A36	78052	6.4 PL. x 4826 Ø (ROOF)		
4	1		89398	NAMEPLATE AND BRACKET		
5	1	A36		8078 HIGH CAGED LADDER w/ 1068 EXT. (SEE SHT. B-7625, CL FOR DETAILS)		
6	4	A36	12246	LARGE LIFT LUGS		
7	1	A36		TAIL LUG c/w REPAD		
8	1	A36		LANYARD SAFETY TIE OFF LUG - NO REPAD		
LI	2	316 SS	27330	42 DIA. (1-1/4") 3000# NPT FULL CPLG.		
	1	316 SS	67948	33 DIA. (1") 3000# NPT FULL CPLG.		
	1			AMGAS SOUR SERVICE LEVEL GAUGE c/w METRIC LEVEL GAUGE BOARD		
M1	1	A36	25446	610x914 [24"x36"] RECT. MANWAY (SET 100mm ABOVE FLOOR)		
	1	A36		762x1066 RECTANGULAR SPLIT MANWAY COVER		
TH	1		SPECIAL	219 DIA. (8") HAWKEYE MARSHAWK THIEF HATCH SET @ 8 OZ. PRESSURE / 0.4 OZ. VACUUM (VITON GASKETS)		
	1	A36	78603	219 DIA. (8") ARGO FAB. THIEF HATCH EXTENSION		
N1	1	A105	84050	114 DIA. (4") 150# RF50 FLG.	OUTLET	
	1	A106	08952	114 DIA. (4") STD. SMLS PIPE x 305 LG.		
	1	A105	05201	114 DIA. (4") 150# FF50 FLG.		
N2	1	A105	84050	114 DIA. (4") 150# RF50 FLG.	SPARE	
	1	A106	08952	114 DIA. (4") STD. SMLS PIPE x 305 LG.		
	1	A105	05201	114 DIA. (4") 150# FF50 FLG.		
N3	1	A105	84050	114 DIA. (4") 150# RF50 FLG.	INLET	
	1	A106	08952	114 DIA. (4") STD. SMLS PIPE x 305 LG.		
	1	A105	05201	114 DIA. (4") 150# FF50 FLG. SEE SHT. B-7625, D1 FOR BRACKET DETAILS		
N4	1	A105	67873	168 DIA. (6") 150# RF50 FLG.	VENT	
	1	A106	30044	168 DIA. (6") STD. SMLS PIPE x 183 LG.		
N5A	1	A105	84050	114 DIA. (4") 150# RF50 FLG.	OVERFLOW	
	1	A106	08952	114 DIA. (4") STD. SMLS PIPE x 305 LG.		
	1	A105	05201	114 DIA. (4") 150# FF50 FLG.		
N5B	1	A105	84050	114 DIA. (4") 150# RF50 FLG.	OVERFLOW	
	1	A106	08952	114 DIA. (4") STD. SMLS PIPE x 305 LG.		
	1	A105	05201	114 DIA. (4") 150# FF50 FLG.		
N6	1	A105	84050	114 DIA. (4") 150# RF50 FLG.	DRAIN	
	1	A106	08952	114 DIA. (4") STD. SMLS PIPE x 168 LG.		
	1	A105	82178	114 DIA. (4") 150# RF BLIND FLANGE		
N7	1	A105	84050	114 DIA. (4") 150# RF50 FLG.	SPARE	
	1	A106	08952	114 DIA. (4") STD. SMLS PIPE x 305 LG.		
	1	A105	05201	114 DIA. (4") 150# FF50 FLG.		
N8	1	A105	84050	114 DIA. (4") 150# RF50 FLG.	FUTURE SKIM	
	1	A106	08952	114 DIA. (4") STD. SMLS PIPE x 305 LG.		
	1	A105	05201	114 DIA. (4") 150# FF50 FLG. SEE SHT. B-7625, D1 FOR BRACKET DETAILS		
N9	1	A105	74986	89 DIA. (3") 150# RF50 FLG.	FUTURE HLSD	
	1	A106	01913	89 DIA. (3") STD. SMLS PIPE x 168 LG.		
N10	1	A105	74986	89 DIA. (3") 150# RF50 FLG.	FUTURE LLSD	
	1	A106	01913	89 DIA. (3") STD. SMLS PIPE x 168 LG.		
N11A	1	A105	84050	114 DIA. (4") 150# RF50 FLG.	CASCADE/VRU	
	1	A106	08952	114 DIA. (4") STD. SMLS PIPE x 305 LG.		
	1	A105	05201	114 DIA. (4") 150# FF50 FLG. SEE SHT. B-7625, D1 FOR BRACKET DETAILS		
N11B	1	A105	84050	114 DIA. (4") 150# RF50 FLG.	CASCADE/VRU	
	1	A106	08952	114 DIA. (4") STD. SMLS PIPE x 305 LG.		
	1	A105	05201	114 DIA. (4") 150# FF50 FLG. SEE SHT. B-7625, D1 FOR BRACKET DETAILS		



SUPPORT BRACKETS FOR FUTURE VRU PIPING

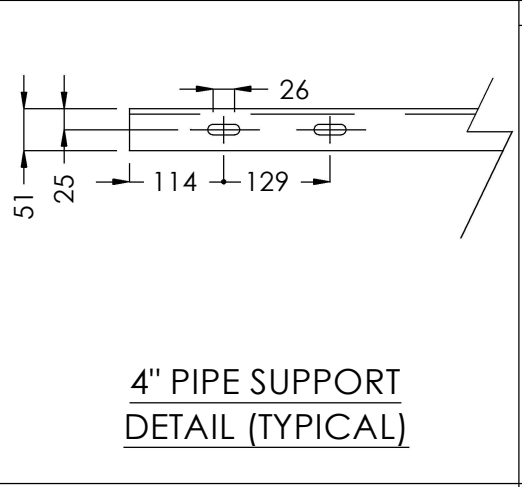


SUPPORT BRACKETS FOR FUTURE SKIM PIPING



SUPPORT BRACKETS FOR FUTURE INLET PIPING

BILL OF MATERIALS					
MARK	QTY	MATL	PRODUCT #	DESCRIPTION	SERVICE
N11A/B - FUTURE VRU SUPPORT BRACKETS					
1	2	316SS	35817	6.4 THK. x 50 x 50 ANGLE x 540 LG. W/ SLOTTED HOLES TO ACCEPT 114 DIA. (4") U-BOLTS	
2	2	A36	47646	6.4 THK. x 100 SQUARE BASE PLATE	
2	2	316SS	20065	114 DIA. (4") U-BOLT c/w NUTS	
2	2	316SS	35817	6.4 THK. x 50 x 50 ANGLE x 440 LG. W/ SLOTTED HOLES TO ACCEPT 114 DIA. (4") U-BOLTS	
2	2	A36	47646	6.4 THK. x 100 SQUARE BASE PLATE	
2	2	316SS	20065	114 DIA. (4") U-BOLT c/w NUTS	
3	2	316SS	35817	6.4 THK. x 50 x 50 ANGLE x 605 LG. W/ SLOTTED HOLES TO ACCEPT 114 DIA. (4") U-BOLTS	
2	2	A36	47646	6.4 THK. x 100 SQUARE BASE PLATE	
2	2	316SS	20065	114 DIA. (4") U-BOLT c/w NUTS	
N8 - FUTURE SKIM BRACKETS					
A	3	316SS	35817	6.4 THK. x 50 x 50 ANGLE x 540 LG. W/ SLOTTED HOLES TO ACCEPT 114 DIA. (4") U-BOLTS	
3	3	A36	47646	6.4 THK. x 100 SQUARE BASE PLATE	
3	3	316SS	20065	114 DIA. (4") U-BOLT c/w NUTS	
N3- FUTURE INLET BRACKETS					
B	2	316SS	35817	6.4 THK. x 50 x 50 ANGLE x 540 LG. W/ SLOTTED HOLES TO ACCEPT 114 DIA. (4") U-BOLTS	
2	2	A36	47646	6.4 THK. x 100 SQUARE BASE PLATE	
2	2	316SS	20065	114 DIA. (4") U-BOLT c/w NUTS	



4" PIPE SUPPORT
DETAIL (TYPICAL)

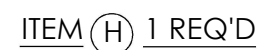
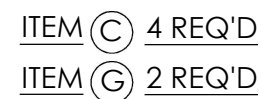
NOZZLES			
MARK	PROJ.	ELEV.	NOTES
N3	152mm	610mm	INLET
N8	152mm	1200mm	FUTURE SKIMMER
N11A	152mm	5380mm	CASCADE / VRU
N11B	152mm	5380mm	CASCADE / VRU

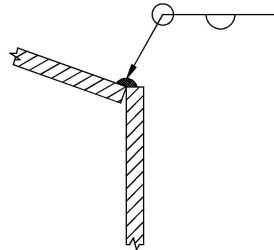
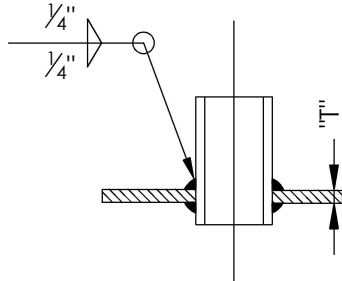
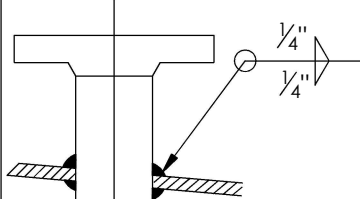
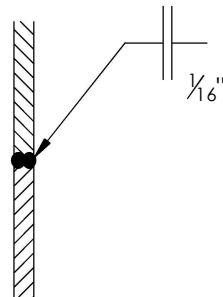
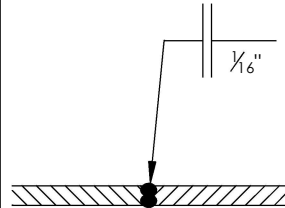
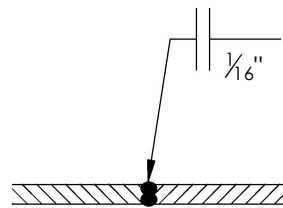
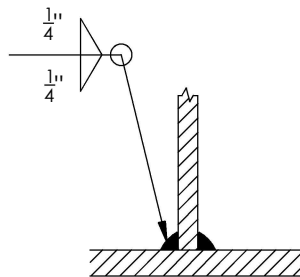
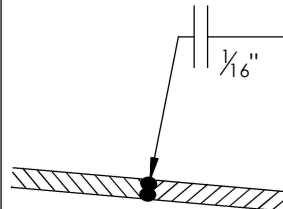
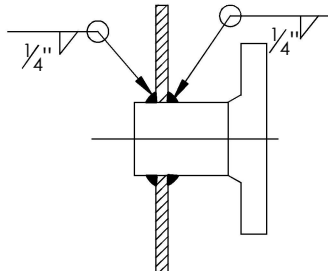
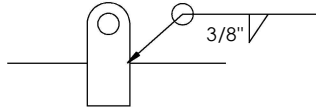
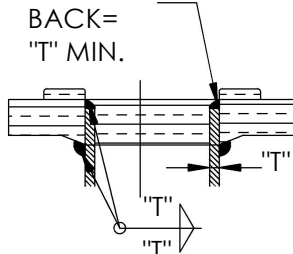
DESIGN NOTES	
1. ALL DIMENSIONS ARE IN mm.	
2. ALL ELEVATIONS TAKEN FROM TOP OF TANK FLOOR	
3. REFER TO ORIENTATION DRAWING FOR PROPER LOCATION OF ALL NOZZLES, COUPLINGS, ETC.	

REVISIONS			
1	AS BUILT	MG	06.04.14
0	ISSUED FOR FABRICATION	MG	03.05.13
NO.	DESCRIPTION	BY	DATE

CUSTOMER:		CHINOOK ENERGY C/O POLARIS ENGINEERING	
		PO#: 214100-01	
TITLE:		FUTURE BRACKET DETAILS	
	APPROVED BY:	CHECKED BY:	DRAWN BY: MG
	DATE: 03.05.13	TAG #:	DRAWING #: B-7625_D1
	SHEET: 2 OF 4	SCALE: NTS	SERIAL #: 7625
			REV. 1

CUSTOMER: CHINOOK ENERGY C/O POLARIS ENGINEERING
FUTURE BRACKET DETAILS
QUOTE #:



ROOF TO SHELL JOINT		CPLG. IN ROOF (S.S)		NOZZLE ON ROOF		SHELL JOINT - HORIZ.		SHELL JOINT - VERT.		FLOOR JOINTS		SHELL TO FLOOR JOINT	
ARGO WPS: ASL-2		ARGO WPS:ASL-13/ASL-2		ARGO WPS: ASL-13/ASL-2		ARGO WPS: ASL-1		ARGO WPS: ASL-2		ARGO WPS: ASL-2		ARGO WPS: ASL-2	
													
LIFT LUGS		PIPE TO NOZZLE (RFSO)		ROOF JOINT		SHELL NOZZLE							
ARGO WPS: ASL-1		ARGO WPS:ASL-1		ARGO WPS: ASL-2		ARGO WPS:ASL-13							
NOTE: 7018 ONLY (NO DOWN HAND)		PIPE SET BACK= "T" MIN.											
													
CUSTOMER: CRESCENT POINT ENERGY CORPORATION PO# CPG2013-PO275													
TITLE: WELD DETAILS NON-SKIDDED STORAGE TANK													
APPROVED BY: DATE: 03.05.13 SHEET: 4 OF 4													
CHECKED BY: TAG #: - SCALE: NTS													
DRAWN BY: MG DRAWING#: B-7625_WD SERIAL#: 7625													
REV. 1													
QUOTE #:													
TITLE: WELD DETAILS - 750 BBL NON-SKIDDED STORAGE TANK													
CUSTOMER: CHINOOK ENERGY C/O POLARIS ENGINEERING													