

[illegible]

SALES LTD

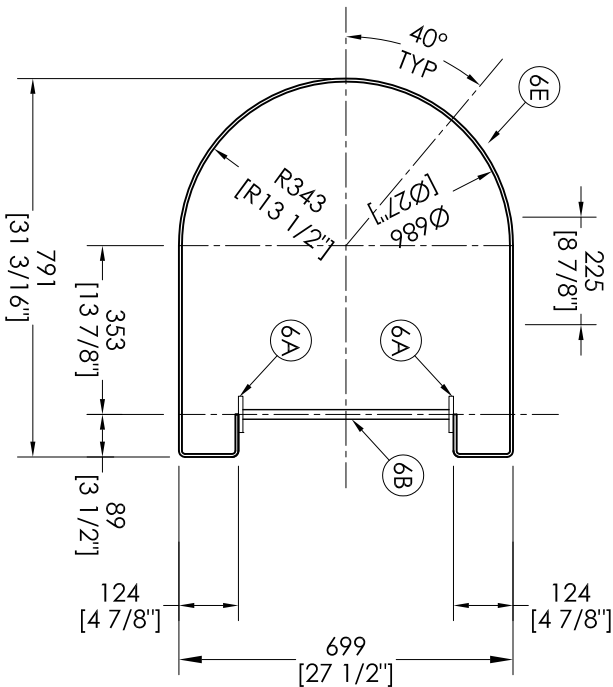
655-30 Avenue
Nisku AB
Canada
T9F 0R4
(780)-955-8660

API 12F MODIFIED

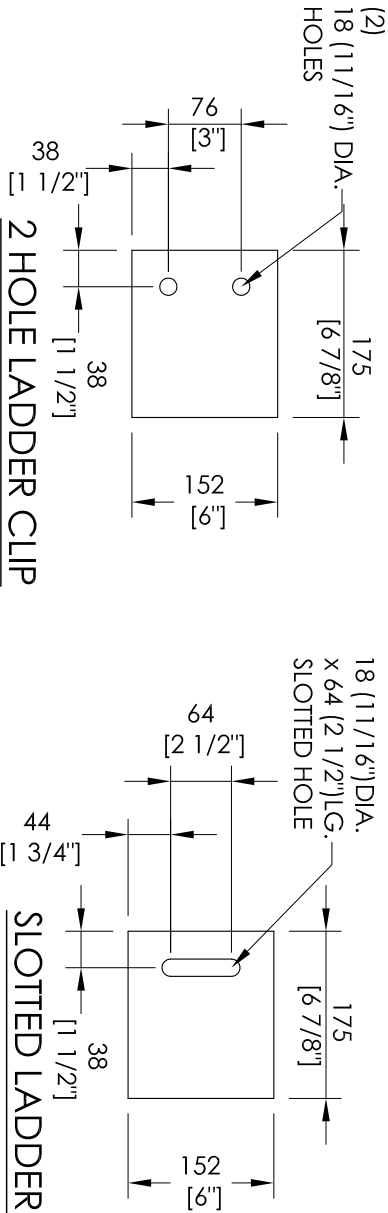
SERIAL NUMBER:	17775-80	CUSTOMER TAG #	
YEAR BUILT:	2016	DESIGN PRESSURE	16 OZ
NOMINAL DIAMETER:	12FT	NOMINAL HEIGHT	20FT
NOMINAL CAPACITY:	400BBL	SHIPPING WEIGHT	12 000lbs
THICKNESS		MATERIAL	
ROOF	3/16IN	A36	
FLOOR	1/4IN	A36	
SHELL	3/16IN	A36	
INTERNAL FINISH			
12.0 - 16.0 MILS DFT DEVCOE DEVICHEM 253			

1

REVSIONS						CUSTOMER:
						 DYNAMIC STEEL CORP
						PO #:
						LSD.
						TITLE: SIX (6) 64 CU.M. (400BBL) 3658mm (12'-0") DIA. X 6096mm (20'-0") HIGH 400 BBL L SKIDDED TANK BILL OF MATERIAL
						DWG BY: CP QUOTE #-:
						SCALE: NTS CUSTOMER TAG #: TBD
						PROJ. MANAGER: PM SHEET: SERIAL #:
						DWG TAG: SHEET:
						ARGO DRAWING NO.: B 17775-80 BOM 2 of 5 REV. 
 ARGO STEEL LTD						
1	UPDATED CUSTOMER, FINISH SCHEDULE & NAMEPLATE	11.15.16	VMB			
0	ISSUED FOR FABRICATION	03.29.16	CP			
REV.	DESCRIPTION	DATE	BY	CHK	APP	



SAFETY HOOP DETAIL



2 HOLE LADDER CLIP

SLOTTED LADDER CLIP

ITEM 6C 2 REQ'D

ITEM 6D 2 REQ'D

BILL OF MATERIALS			
MARK	QTY	PART NAME	DESCRIPTION
6A	2	LADDER RUNNER	FLAT BAR 9.5x64 (3/8"x2 1/2")
6B	21	LADDER RUNG	ROUND BAR 19mm (3/4") DIA
6C	4	LADDER CLIP	PLATE 9.5x152x175 LG (3/8"x6x6 7/8") 2 HOLE
6D	8	LADDER CLIP	PLATE 9.5x152x175 LG (3/8"x6x6 7/8") 2 SLOTTED
6E	1	SAFETY HOOP	FLAT BAR: 6.4x51 (1/4"x2")
6H	12	BOLTS/NUTS	BOLTS C/W NUTS 5/8"x1 1/2" LG

DESIGN NOTES:

- ALL DIMENSIONS ARE IN mm/INCH.
- ESTIMATED SHIPPING WEIGHT IS 112 LBS.(51 KGS).

LADDER FINISH:

BLAST: SSPC-SP7 BRUSH BLAST
PRIMER: 1.5 - 2.0 MILS DFT CLOVERDALE T-101 GREY ALKYD PRIMER
PAINT: 1.5 - 2.0 MILS DFT CLOVERDALE ALKYD MARINE ENAMEL (FEDERAL STANDARD 16555)

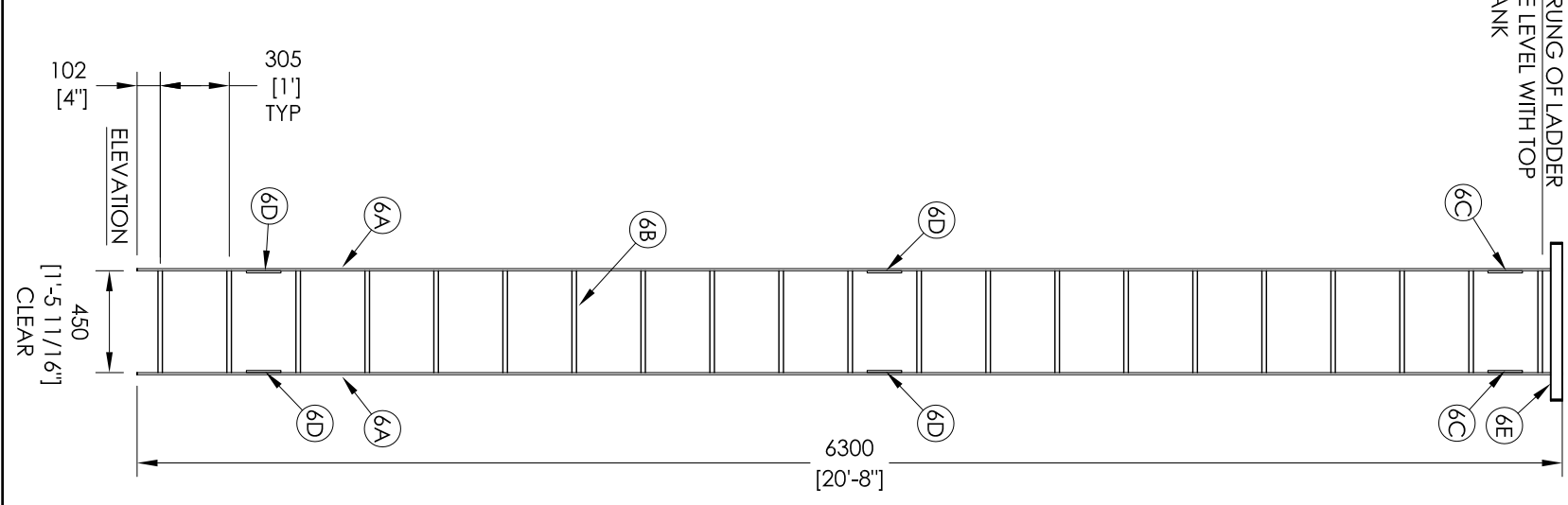
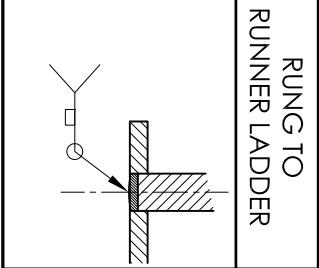


BOLTING:

- ALL BOLTING TO BE 16mm (5/8") GRADE 5 OR EQUIVALENT.

WELDING NOTES:

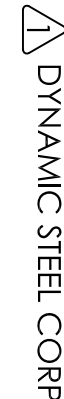
- ALL SHARP EDGES AND BURRS TO BE REMOVED.
- ALL WELDING TO BE DONE TO LATEST REVISION OF CWB WPDS.
- CWB SHOP SUPERVISOR TO SPECIFY WELDING PROCESS.



REVISIONS

CUSTOMER:

PO #:

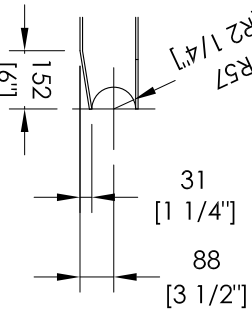
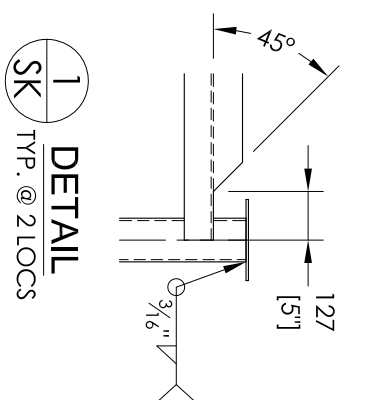
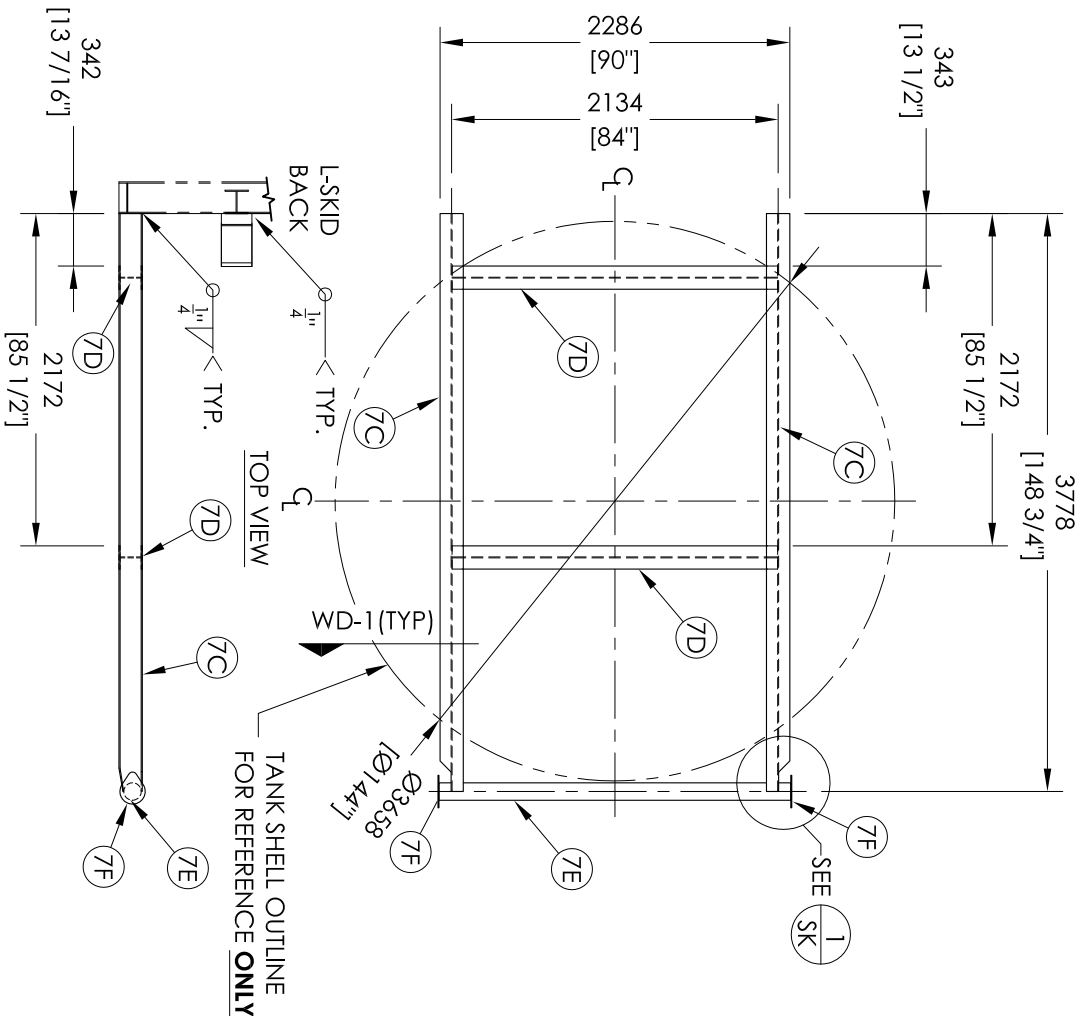


LSD.

TITLE:

SIX (6) 64 CU.M. (400BBL)
3658mm (12'-0") DIA.x6096mm (20'-0") HIGH
400 BBL L SKIDDED TANK
6096mm (20'-0") LADDER DETAIL

ARGO FABRILTR		DWG BY: CP	QUOTE #-:	SCALE: N.T.S	CUSTOMER TAG #:	TBD	REV.
PROJ. MANAGER: PM	SHEET:	SERIAL #:	DWG TAG:	SHEET:	3 of 5		
ARGO DRAWING NO.:	B	17775-80	CL				

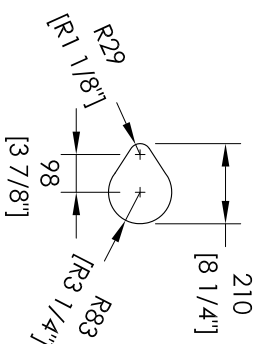


DETAIL

DETAIL
 TYP. @ 2 LOCs

ROLLEND DETAIL

TYP. @ 2 LOCS



TEARDROP DETAIL

TYP.@ 2 LOCS

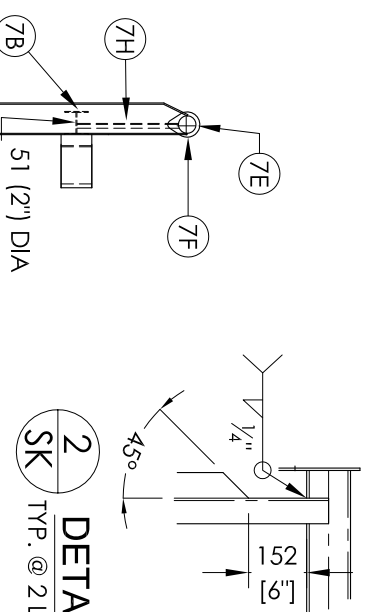
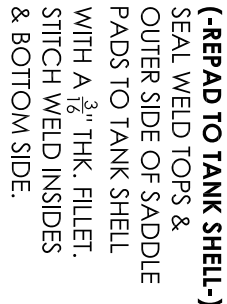
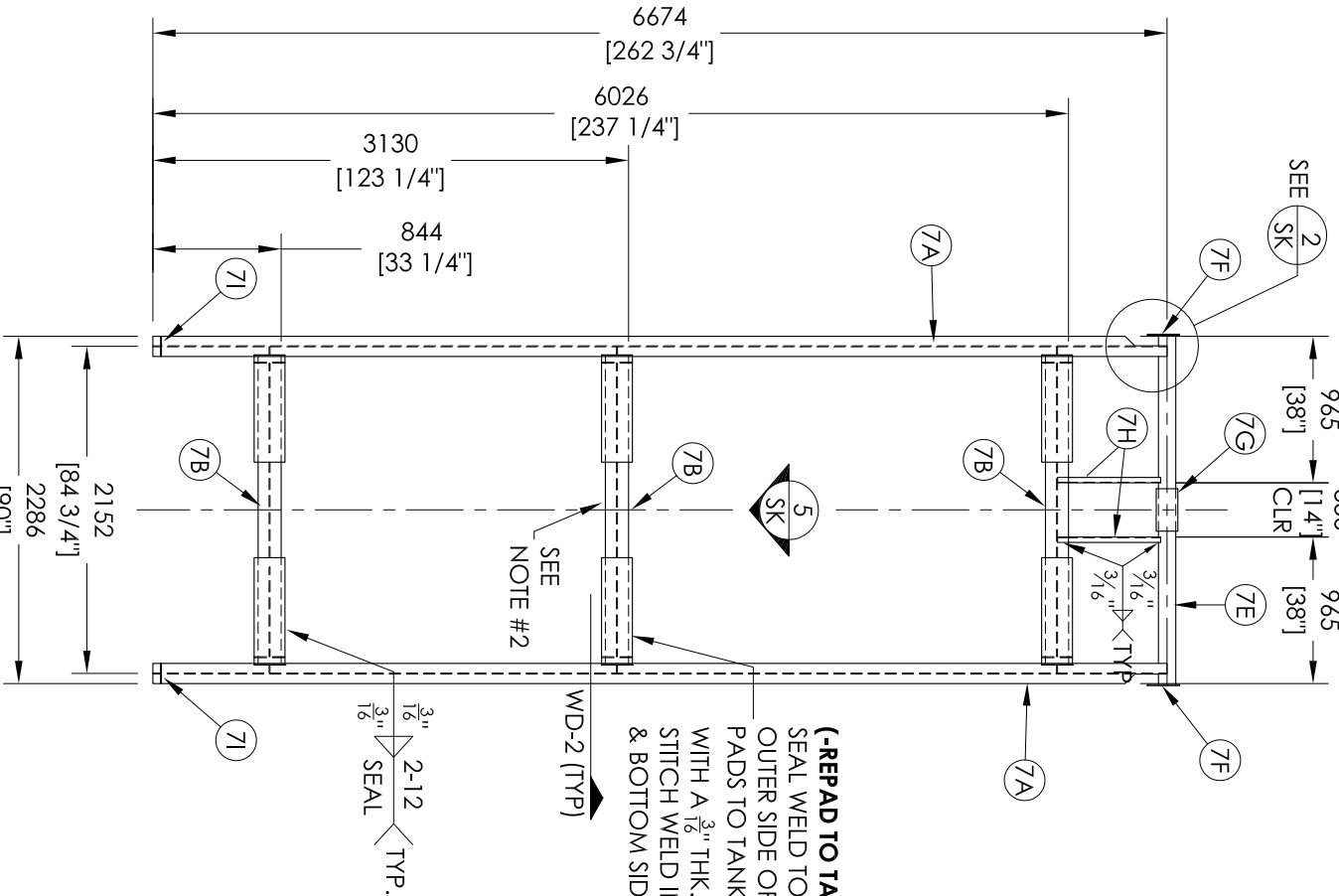
BILL OF MATERIALS					
MARK	QTY	PART NAME	DESCRIPTION	LENGTH/ DETAIL DWG	MATERIAL
7A	2	BACK SKID- RUNNERS	WIDE FLANGE W200x27 (W8x18)	667.4 (262 3/4")	50W/A992
7B	3	BACK SKID- CROSS PCS	WIDE FLANGE W150x22 (W6x15)	21.47 (84 9/16")	50W/A992
7C	2	BASE - MAIN MEMBERS	WIDE FLANGE W150x22 (W6x15)	377.8 (148 3/4")	50W/A992
7D	2	BASE - CROSS PCS	WIDE FLANGE W150x22 (W6x15)	2127 (83 3/4")	50W/A992
7E	2	PULL BAR	114 DIA (14") PIPE SCH.40 ERW	2399 (90 1/2")	A53B
7F	4	TEARDROP	PLATE 6.4x165x210 (1/4"x6 1/2"x8 1/4")	-	A36/44W
7G	1	SWIVEL SLEEVE	141 DIA (5") PIPE SCH.40 ERW	279 (11")	A53B
7H	1	SWIVEL STOP	CHANNEL C3x4.1 (C75x6)	679 (26 3/4")	A53B
7I	4	STIFFENERS	FLAT BAR 6.4x51 (1/4"x2")	190 (7 1/2")	A36/44W
7J	6	SADDLE COMPONENTS	FLAT BAR 6.4x318 (1/4"x12 1/2")	589 (23 3/16")	A36/44W
7K	6	SADDLE COMPONENTS	FLAT BAR 6.4x203 (1/4"x8") ROLLED	762 (30")	A36/44W
7L	6	SADDLE COMPONENTS	FLAT BAR 6.4x203 (1/4"x8")	317 (12 1/2")	A36/44W

DESIGN/WELDING NOTES:

- 1) ALL DIMENSIONS ARE IN mm/INCHES.
- 2) APPROXIMATE WEIGHT: BASE: 720 LBS (326 KG) BACK: 1350LBS (612 KG)
- 3) WIDE FLANGES ARE TO BE COPE FITTED WHERE APPLICABLE.
- 3) ALL WELDS ON THE TOP OF SKID TO BE GROUND SMOOTH.
- 5) ALL WELDING TO BE DONE TO LATEST REVISION OF CWB WPDs.
- 6) CWB SHOP SUPERVISOR TO SPECIFY WELDING PROCESS
- 7) SEE ARGO INTERNAL DRAWING ASL-SKID-FAB SKID WELDING FOR FURTHER WELDING AND COPING DETAILS.

SKID FINISH:

BLAST: SSPC-SP7 BRUSH BLAST
PRIMER: 1.5 - 2.0 MILS DFT CLOVERDALE T-101 GREY ALKYD PRIMER
PAINT: 1.5 - 2.0 MILS DFT CLOVERDALE ALKYD MARINE ENAMEL
(FEDERAL STANDARD 16555)

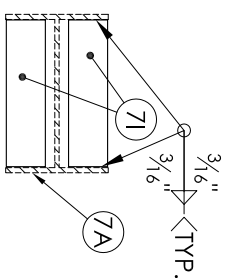


DETAIL

DETAIL
TYP. @ 2 L.OCS

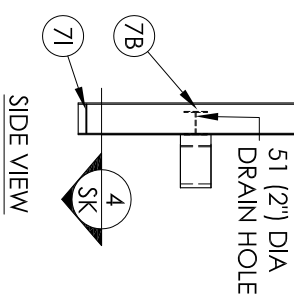
3 DETAIL

DETAIL
TYP. @ 6 LOCS

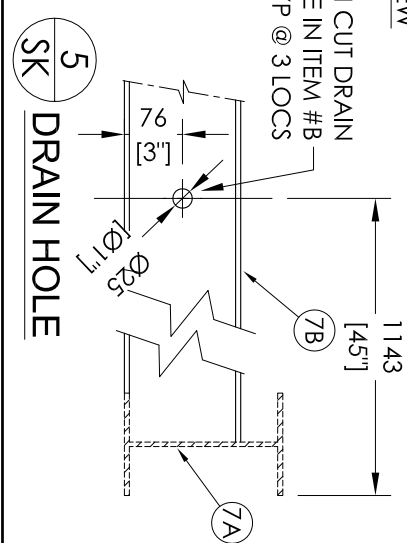


STIFFENER

STIFFENER
DETAIL
TYP. @ 2 LOCOS



SIDE VIEW



DRAIN HOLE

[illegible]

DYNAMIC STEEL CORP

PO#:

TITLE:

SIX (6) 64 CU.M. (400BBL)

3658mm (12'-0") D.I.A. X 6096mm (20'-0") HIGH
400 BBL L SKIDDED TANK

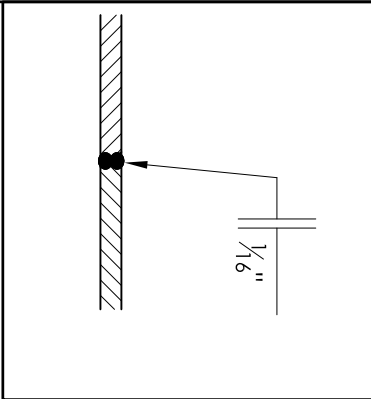
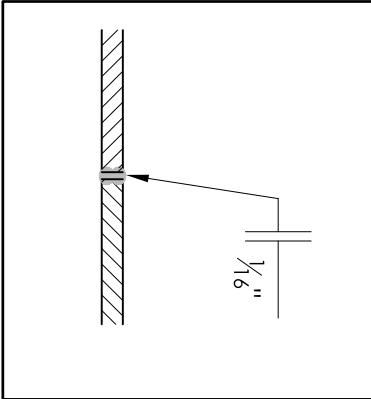
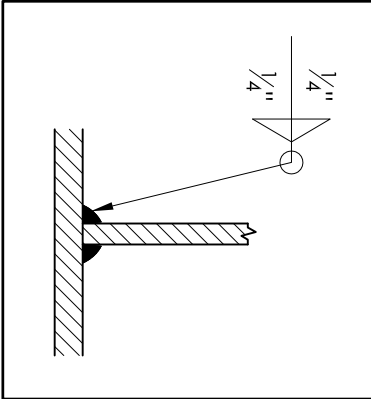
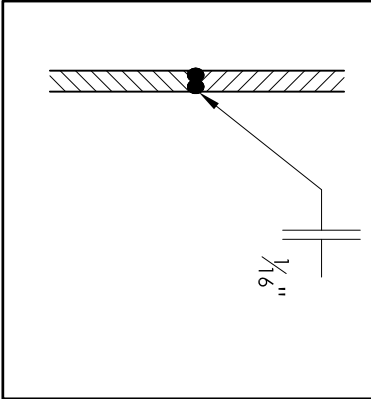
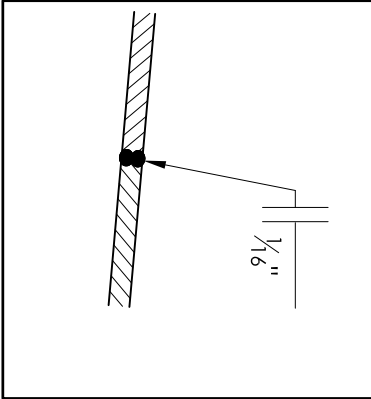
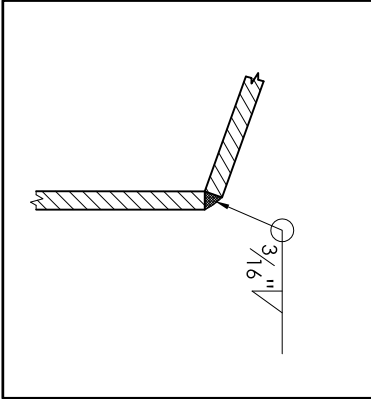
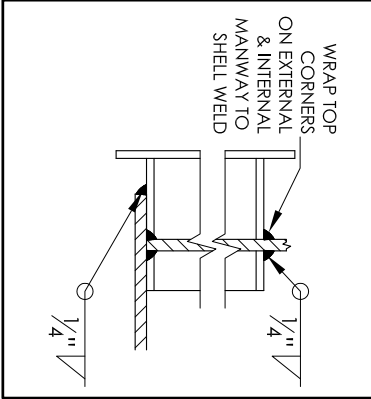
SKID DETAIL DRAWING

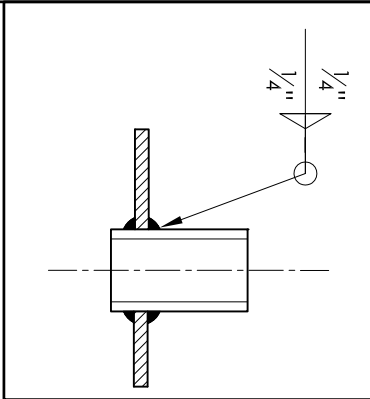
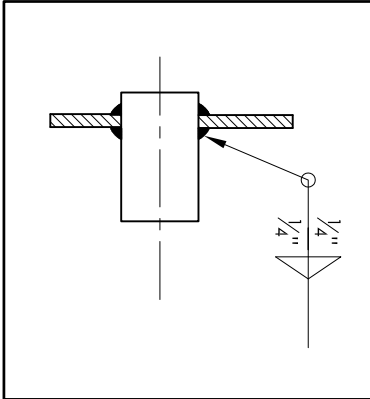
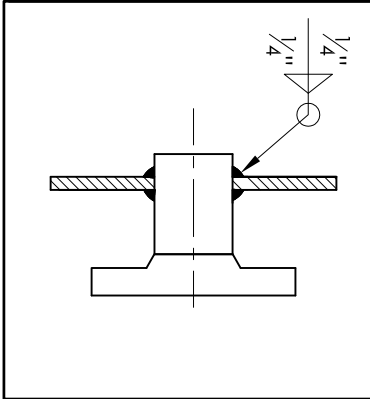
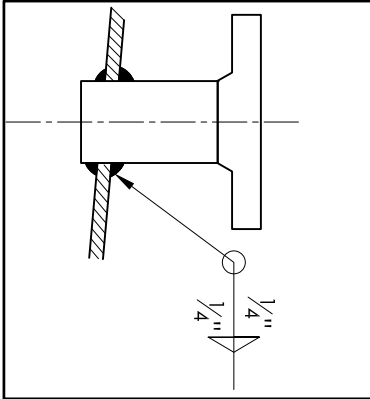
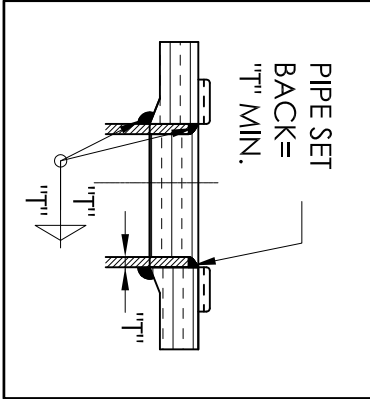


SALES LTD

DWG. BY: CP	QUOTE #:-	SCALE: N.T.S		CUSTOMER TAG #:		TBD
PROJ. MANAGER: PM	SHEET:	SERIAL #:	DWG TAG:	SHEET:	REV.	
ARGO DRAWING NO.:	B	17775-80	SK	4 of 5		



SHELL JOINT - VERT	FLOOR JOINTS	SHELL TO FLOOR JOINT	SHELL JOINT - HORIZ.	ROOF JOINT	ROOF TO SHELL JOINT	MANWAY TO TANK SHELL
ARGO WPS: ASL-13 OR ASL-11	ARGO WPS: ASL-13 OR ASL-11	ARGO WPS: ASL-13 OR ASL-11	ARGO WPS: ASL-13	ARGO WPS: ASL-13 OR ASL-11	ARGO WPS: ASL-13	ARGO WPS: ASL-13
						

CP LG. IN ROOF (C.S)	COUPLING ON SHELL(C.S)	SHELL NOZZLE	NOZZLE ON ROOF	PIPE TO NOZZLE (RFSO)
ARGO WPS:ASL-13 OR ASL-11	ARGO WPS:ASL-13 OR ASL-11	ARGO WPS: ASL-13	ARGO WPS: ASL-13 OR ASL-11	WPS: BA-2 OR BM-19_REV2
				

WELDING NOTES:	REVISIONS	CUSTOMER:																		
1) ALL SHARP EDGES AND BURRS TO BE REMOVED. 2) E7024 WELDING ROD HAS NOT BEEN PROHIBITED. 3) FILET WELD SIZES ARE DETERMINE BY THE SMALLEST THICKNESS OF THE TWO ITEMS WELDED TOGETHER UNLESS OTHERWISE NOTED. 4) ALL ATTACHMENT WELDS TO BE 1/4" FILET UNLESS OTHERWISE NOTED	<table><tr><th>REV.</th><th>DESCRIPTION</th><th>DATE</th><th>BY</th><th>CHK</th><th>APP</th></tr><tr><td>1</td><td>UPDATED CUSTOMER</td><td>11.15.16</td><td>VMB</td><td></td><td></td></tr><tr><td>0</td><td>ISSUED FOR FABRICATION</td><td>03.29.16</td><td>CP</td><td></td><td></td></tr></table>	REV.	DESCRIPTION	DATE	BY	CHK	APP	1	UPDATED CUSTOMER	11.15.16	VMB			0	ISSUED FOR FABRICATION	03.29.16	CP			PO #: TITLE: SIX (6) 64 CU.M. (400BBL) 3658mm (12'-0") DIA. X 6096mm (20'-0") HIGH 400 BBL L SKIDDED TANK WELD DETAILS
REV.	DESCRIPTION	DATE	BY	CHK	APP															
1	UPDATED CUSTOMER	11.15.16	VMB																	
0	ISSUED FOR FABRICATION	03.29.16	CP																	
DYNAMIC STEEL CORP LSD.																				

CUSTOMER:									
PO #:									
1 DYNAMIC STEEL CORP									
LSD.									
TITLE:									
SIX (6) 64 CU.M. (400BBL)									
3658mm (12'-0") DIA. X 6096mm (20'-0") HIGH									
400 BBL L SKIDDED TANK									
WELD DETAILS									
DWG BY: CP QUOTE #-: SCALE: NTS CUSTOMER TAG #: TBD									
PROJ. MANAGER: PM SHEET: SERIAL #: DWG TAG: SHEET:									
ARGO DRAWING NO.: B 17775-80 WD 5 of 5									
REV. 1									

WELDING NOTES:									
1) ALL SHARP EDGES AND BURRS TO BE REMOVED.									
2) E7024 WELDING ROD HAS NOT BEEN PROHIBITED.									
3) FILLET WELD SIZES ARE DETERMINE BY THE SMALLEST THICKNESS OF THE TWO ITEMS WELDED TOGETHER UNLESS OTHERWISE NOTED.									
4) ALL ATTACHMENT WELDS TO BE 1/4" FILLET UNLESS OTHERWISE NOTED									
REVISIONS									
				</					