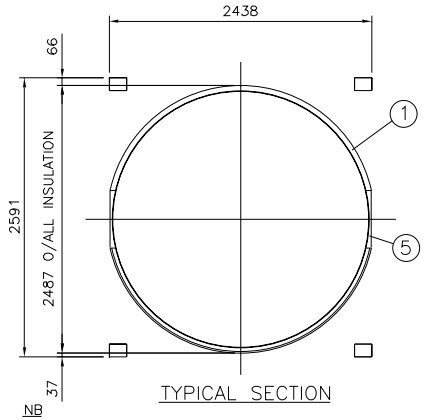
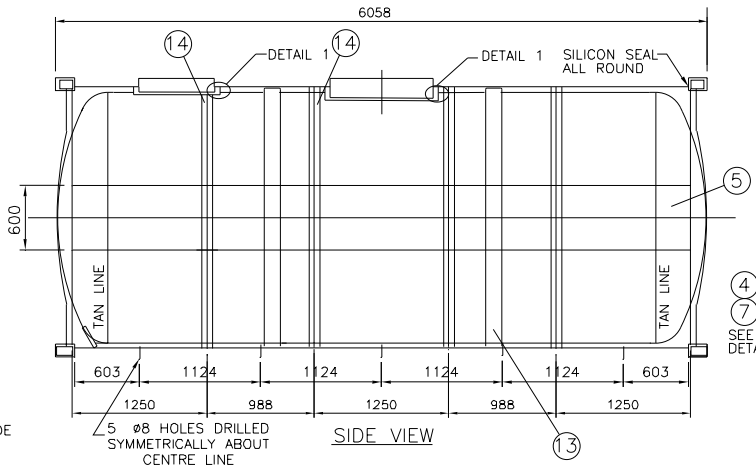
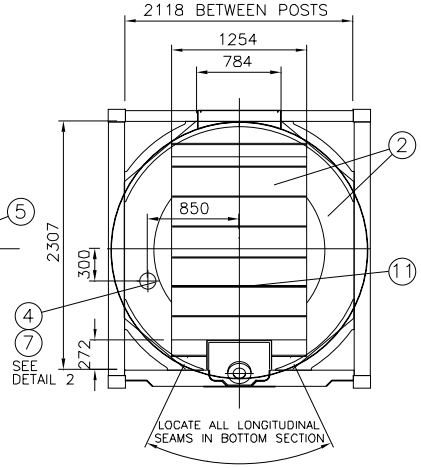


TYPICAL SECTION

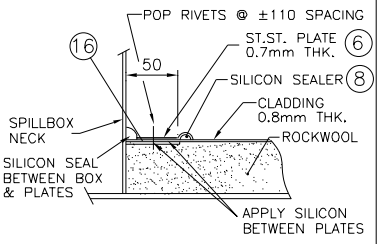
NB
ENSURE CLADDING DOES NOT PROTRUDE BEYOND OUTSIDE LINES OF CORNER POSTS – FRONT, REAR & SIDES



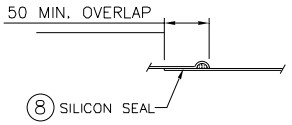
SIDE VIEW



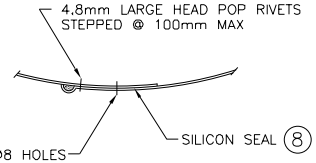
TYPICAL END
(OUTLET ON REAR END ONLY)



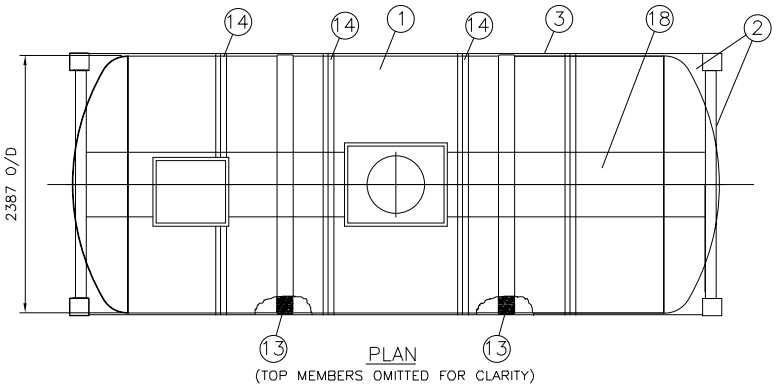
DETAIL 1



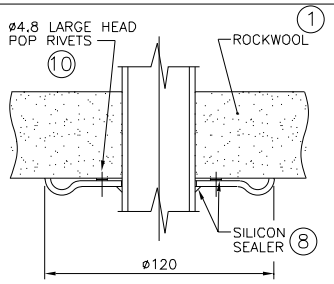
DETAILS OF CIRCULAR JOINTS



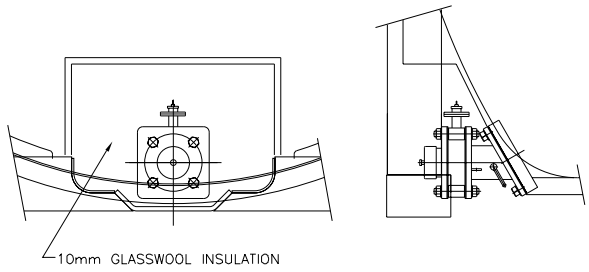
DETAILS OF LONGITUDINAL JOINTS



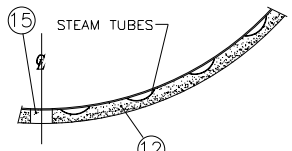
PLAN
(TOP MEMBERS OMITTED FOR CLARITY)



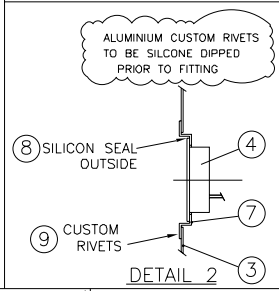
DETAILS OF ALL 3/4" NB PIPES



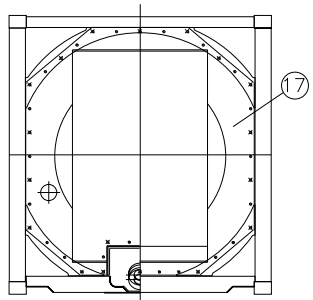
BOTTOM DISCHARGE ASSEMBLY



SECTION THROUGH TANK



DETAIL 2



REAR FRONT
TYPICAL END VIEW OF RIVET LAYOUT
(SYMMETRICAL ABOUT CENTRELINE)
9 x – DENOTES CUSTOM RIVETS.
10 • – DENOTES STANDARD RIVETS.

MATERIAL SPECIFICATION

K	ALUMINIUM	O	PVC	Z	S/S 304

PARTS LIST

No.	QTY	MAT	BOP Pg/No	DESCRIPTION	DIMENSIONS	REFERENCE
1	1			ROCKWOOL INSULATION	50mm x 55kg/m³	
2	2			GLASS WOOL INSULATION	16kg/m³ TO SUIT	
3	1	K	2654	CLADDING	0.8mm GR.5251	
4	1		11881	THERMOMETER	–20 TO 200°C, 0 TO 400°F	
5	2			ROCKWOOL PROFILE	15/50mm 600 x LTS	
6	1	Z		FLASHING	0.7x100x6000	
7	1	Z		COWL		B.O.P.
8				SILICON SEALER		
9		K		CUSTOMS RIVETS		
10		K		LARGE HEAD POP RIVETS		
11	10			PVC STRAPPING	±10 x 1200LG	
12	1			ROCKWOOL PROFILE	50mm x 55kg/m³	
13	2			ROCKWOOL INSULATION	10mmx130 WIDExLTS	
14	4			ROCKPIPE COMPRESSED	50x100mm x LTS	
15	1			COMPRESSED R/WOOL	45mm x ±5100LG	
16	8			BARRIER TAPE–No Y1178	48mm WIDE	
17	2			GLASS REINFORCED PLASTIC ENDS	2mm THK–GRP	
18	1			ROCKWOOL INSULATION	50x600mm x LTS	

NOTE:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH QAP 9 – 18
2. USE ONE CUSTOMS RIVET AFTER EVERY THREE STANDARD POP RIVETS U.O.N. MAXIMUM DISTANCE BETWEEN TWO CUSTOMS RIVETS TO BE 600mm. FIT MINIMUM OF TWO CUSTOMS RIVETS ON SHROUDS AND COVER PLATES
3. CLADDING TO BE PREPAINTED WHITE (RAL9010)
4. WHERE POSSIBLE USE FULL SHEETS OF ROCKLWOOL INSULATION &/OR GLASS WOOL ON SHELL/DISHED END INSULATION

QUANTITIES LISTED ARE FOR ONE CONTAINER
50– OFF CONTAINER IN CONTRACT.

REVISION E				REVISION D				REVISION C				REVISION B				REVISION A				DRAWING APPROVAL		
AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGNATURE	DATE
DRAWN				DRAWN				DRAWN				DRAWN				DRAWN				DESIGN		
DESIGN				DESIGN				DESIGN				DESIGN				DESIGN				QUALITY ASSURANCE		
QUALITY ASSURANCE				QUALITY ASSURANCE				QUALITY ASSURANCE				QUALITY ASSURANCE				QUALITY ASSURANCE				CONTRACTS		
CONTRACTS				CONTRACTS				CONTRACTS				CONTRACTS				CONTRACTS				INSPECTION AUTHORITY		
INSPECTION AUTHORITY				INSPECTION AUTHORITY				INSPECTION AUTHORITY				INSPECTION AUTHORITY				INSPECTION AUTHORITY				CLIENT		

REQUIRED TOLERANCE	NOMINAL DIMENSIONS (SHORT SIDE OF TRIANGLE) DEGREES & MINUTES			MM/M			NOMINAL DIMENSIONS						
	ABOVE 0 TO 315	ABOVE 315 TO 1000	ABOVE 1000	ABOVE 0 TO 315	ABOVE 315 TO 1000	ABOVE 1000	ABOVE 0 TO 120	ABOVE 120 TO 315	ABOVE 315 TO 1000	ABOVE 1000 TO 2000	ABOVE 2000 TO 4000	ABOVE 4000 TO 8000	ABOVE 8000
A	± 20'	± 15'	± 10'	± 6	± 4,5	± 3	± 1	± 1	± 2	± 3	± 4	± 4	± 6
B	± 45'	± 30'	± 20'	± 13	± 9	± 6	± 2	± 2	± 3	± 4	± 6	± 8	± 10
C	± 1°	± 45'	± 30'	± 18	± 13	± 9	± 3	± 4	± 6	± 8	± 11	± 14	± 18
D	±1°30'	±1°15'	± 1°	± 26	± 22	± 18	± 4	± 7	± 9	± 12	± 16	± 21	± 27
	DIN 8570 PART 1						FROM 0–30 TOLERANCE ±1 DIN 8570 PART 3						

CONSANI ENGINEERING (PTY) LTD
ELSIES RIVER, CAPE SOUTH AFRICA
TEL. 590–3400
FAX. 591–2825

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INTERMODAL CONTAINERS

CAD: 24422313

INSULATION DETAILS
25 000L HO3 TANK CONTAINER

CLIENT	OCI	SCALE	1:25	DRAWING NUMBER	REVISION
		DRAWN	RASHAAD	2442–02–2313	0
WORKS ORDER	2442	CHECKED			
		DATE	13/02/02		