

### MATERIAL SPECIFICATION

B	ASTM A240 316L			
Y	S/S 316			

### PARTS LIST

No.	QTY	MAT	STOCK CODE	DESCRIPTION	DIMENSIONS	REFERENCE
1	1	Y	--	ROD	RND BAR #8x100	
2	1	B	--	BENT PLATE	ANGLE 25x25xPL2.5x1250	
3	1	B	--	BENT PLATE	ANGLE 33x33xPL2.5x20	

### NOTE:

- ALL WELDING TO BE 2mm C.F.W. U.O.S.
- ALL SHARP EDGES AND BURRS TO BE REMOVED.
- DIPSTICK MUST BE PICKLED, ELECTRO-POLISHED AND PASSIVATED IN ACCORDANCE WITH THE APPROVED PROCEDURE. THIS MUST BE THE LAST OPERATION IN THE MANUFACTURING PROCESS.
- MINIMUM DEPTH OF ETCHING = 0.5mm

MANHOLE TYPE	HEIGHT 'X'
FORT VALE ULTRA LOW	45
FORT VALE ULTRA ULTRA LOW	19
PEROLO	19
SWIFT LOW PROFILE	19

CAPACITY	PERCENTAGE REPRESENTED
12 250 LITRE	75%
12 500 LITRE	75%
14 000 LITRE	70%
14 300 LITRE	70%
14 500 LITRE	70%
15 000 LITRE	70%
16 000 LITRE	65%
17 500 LITRE	60%
19 000 LITRE	60%
20 000 LITRE	60%
21 000 LITRE	55%
21 500 LITRE	55%
22 000 LITRE	55%
22 500 LITRE	55%
23 000 LITRE	55%
24 000 LITRE	50%
25 000 LITRE	50%
26 000 LITRE	50%
27 000 LITRE	50%
28 000 LITRE	50%
28 500 LITRE	50%
30 000 LITRE	50%
33 000 LITRE	50%
35 000 LITRE	50%



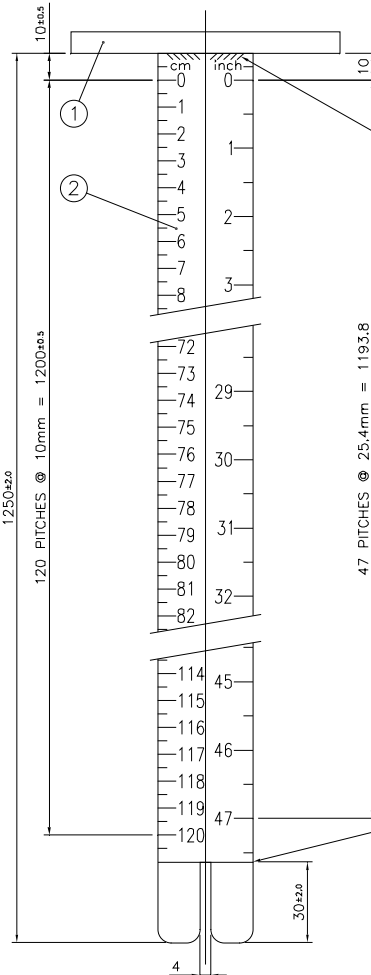
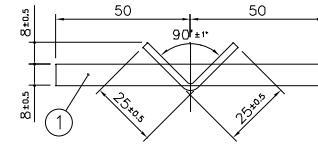
**CONSANI ENGINEERING (PTY) LTD**  
 ELSIES RIVER, CAPE  
 SOUTH AFRICA  
 TEL. 590-3400  
 FAX. 591-2825

**INTERMODAL CONTAINERS**

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 CAD: CSTD2157g

INCH/CM. CALIBRATED DIPSTICK  
 (0 AT TOP)

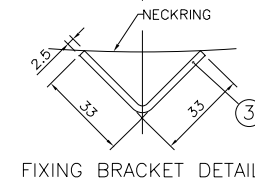
CLIENT	SCALE	1:1	DRAWING NUMBER	REVISION
ORDER	DRAWN	G.Purdon	CSTD 2157	A
	CHECKED			
	DATE	6/8/99		



CONTINUOUS FILLET WELD BOTH SIDES  
 CLEAN AND POLISH WELDS

TOP EDGE OF NECKRING

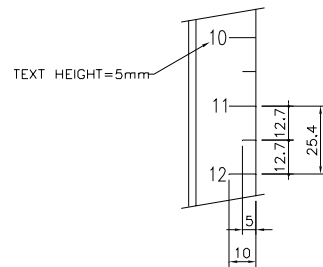
WELD BRACKET TO NECKRING,  
 CLEAN, POLISH AND PASSIVATE WELDS



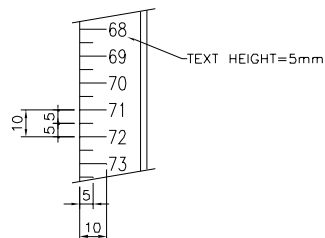
FIXING BRACKET DETAIL

FOLD BOTTOM 30mm OF DIPSTICK UP AT 90° TO MAKE CAPTIVE

DIPSTICK DETAIL



DETAIL OF MARKINGS  
 (INCH SCALE)



DETAIL OF MARKINGS  
 (CM SCALE)

REVISION E				REVISION D				REVISION C				REVISION B				REVISION A				DRAWING APPROVAL			NOMINAL DIMENSIONS (SHORT SIDE OF TRIANGLE)																																																																																				
AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGN.	DATE	DESCRIPTION	AUTHORITY	SIGNATURE	DATE	DEGREES & MINUTES							MM/M							NOMINAL DIMENSIONS																																																																						
																							ABOVE 0° TO 315°							ABOVE 0° TO 315°							ABOVE 0° TO 315°																																																																						
																							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°	± 11°	± 14°	± 18°	C	± 1°	± 45°	± 30°	± 18°	± 13°	± 9°	± 3°	± 4°	± 6°	± 8°	± 11°	± 14°	± 18°	± 21°	± 27°	± 36°	D	± 1°	± 30°	± 1°	± 26°	± 22°	± 18°	± 4°	± 7°	± 9°	± 12°	± 16°	± 21°	± 27°	± 36°	± 45°	± 54°	DIN 8570 PART 1							FROM 0-30 TOLERANCE ± 1							DIN 8570 PART 3						