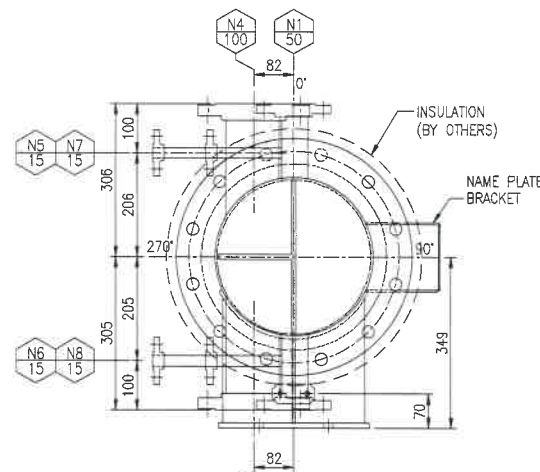
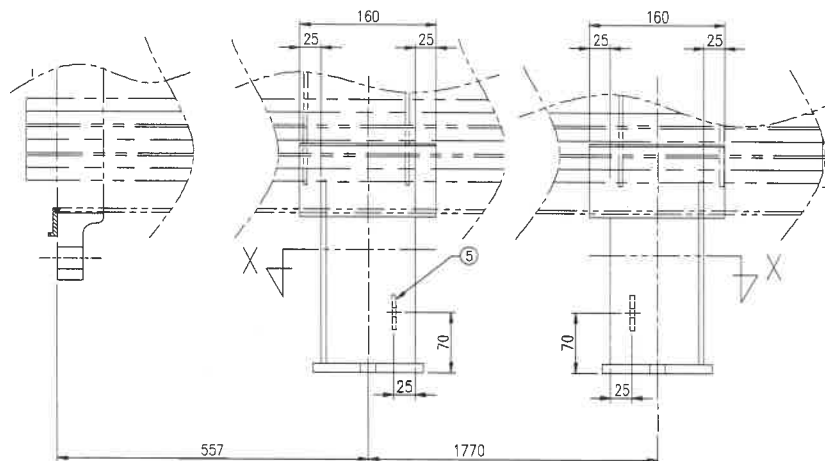


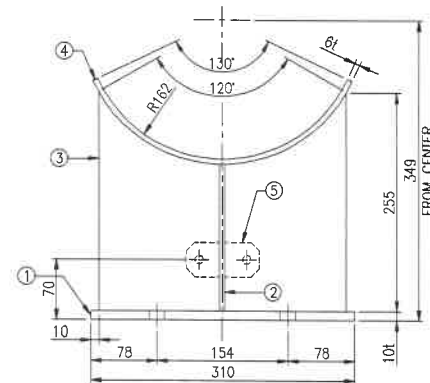
ELEVATION VIEW
SCALE: 1:14



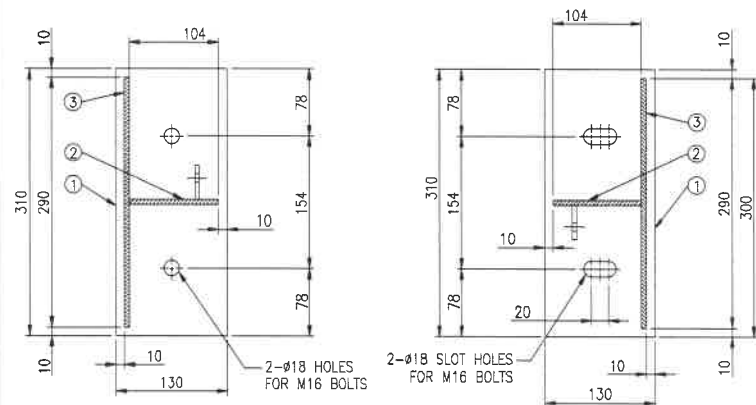
ORIENTATION VIEW (A-A)
SCALE: 1:14



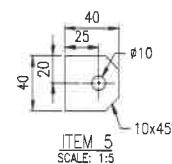
SADDLE DETAILS
SCALE: 1:8



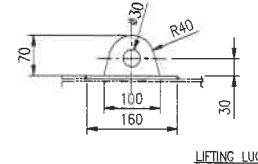
SADDLE VIEW A
SCALE: 1:8



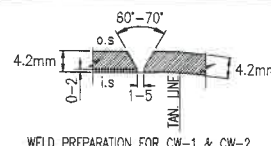
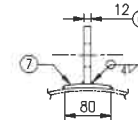
VIEW (X-X)
SCALE: 1:8



ITEM 5
SCALE: 1:5



LIFTING LUG
SCALE: 1:12



WELD PREPARATION FOR CW-1 & CW-2

7	PAD	SA240-316	2	-	PLATE - 6mm THK	N8	1	DN15	SCH.40S	SA182-F316	ASME B16.5 CL150 SORF	VENT/DRAIN C/W BLIND
6	LIFTING LUG	SA240-304	2	-	PLATE - 12mm THK	N7	1	DN15	SCH.40S	SA182-F316	ASME B16.5 CL150 SORF	VENT/DRAIN C/W BLIND
5	EARTHING LUG	SA240-304	2	-	PLATE - 5mm THK	N6	1	DN15	SCH.40S	SA182-F316	ASME B16.5 CL150 SORF	VENT/DRAIN C/W BLIND
4	PAD	SA240-316	2	-	PLATE - 6mm THK	N5	1	DN15	SCH.40S	SA182-F316	ASME B16.5 CL150 SORF	VENT/DRAIN C/W BLIND
3	WEB	SA240-304	2	-	PLATE - 6mm THK	N4	1	DN100	SCH.40S	SA182-F316	ASME B16.5 CL150 SORF	CHILLED WATER OUTLET
2	RIB	SA240-304	2	-	PLATE - 6mm THK	N3	1	DN100	SCH.40S	SA182-F316	ASME B16.5 CL150 SORF	CHILLED WATER INLET
1	BASE PLATE	SA240-304	2	-	PLATE - 10mm THK	N2	1	DN50	SCH.40S	SA182-F316	ASME B16.5 CL150 SORF	WATER DMSO INLET
						N1	1	DN50	SCH.40S	SA182-F316	ASME B16.5 CL150 SORF	WATER DMSO OUTLET
ITEM	DESCRIPTION	MATERIAL	INSTALL	SPARE	REMARKS	NOZZLE	QTY	SIZE	SCH/THK	FLANGE MATERIAL	TYPE OF FLANGE/RATING	SERVICE

SUPPORT DETAILS
SCALE: 1:10

NOZZLE LIST

DESIGN DATA			
DESIGN CODE			
ASME BOILER & PRESSURE VESSEL SECTION VIII, DIV. 1, ED. 2017 + TEMA B			
		SHELL SIDE	TUBE SIDE
DESIGN	PRESSURE	BAR 8	8/-1
	TEMPERATURE	°C 90	90
TEST	HYDROSTATIC	BAR 10.40	10.40
PRESSURE	PNEUMATIC	BAR NIL	NIL
JOINT	SHELL	LW 0.70	0.70
		CW 0.70	0.70
EFFICIENCY	HEAD	LW 0.70	0.70
		CW 0.70	0.70
CORROSION ALLOWANCE	MM	NIL	NIL
FLUID NAME		WATER DMSO	CHILLED WATER
RADIOGRAPHIC EXAMINATION		NIL	NIL
LIQUID PENETRANT EXAMINATION		NIL	NIL
PAD LEAK TEST		NIL	NIL
POST WELD HEAT TREATMENT		EXEMPTED PER UHA-32	
IMPACT TEST		EXEMPTED PER UHA-51(d)	
MAWP	BAR	0	
MDMT	°C	0	
INSULATIONS	MM	100mm (BY OTHERS)	
SURFACE	S.S	NIL	
PREPARATION	C.S	NIL	
HEATING SURFACES AREA	M2	NIL	8.20
VOLUME	M3	0.078	0.195
EMPTY WEIGHT	KG	550	
FULL WATER WEIGHT	KG	819	
LETHAL SERVICE		NO	
NOTE :			
- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED			
- ALL BOLT HOLES TO STRADDLE PRINCIPAL AXIS			
- ALL FILLET WELD SIZE SHALL WITHIN TOLERANCE -0 & +3			
- DIMENSION TOLERANCE AS PER QC MANUAL EXHIBIT 4.2			
- LIFTING ANGLE MUST NOT LESS THAN 45°			
- ALL PIPES USED ARE WELDED PIPE, UNLESS OTHERWISE STATED			

APPROVAL :

