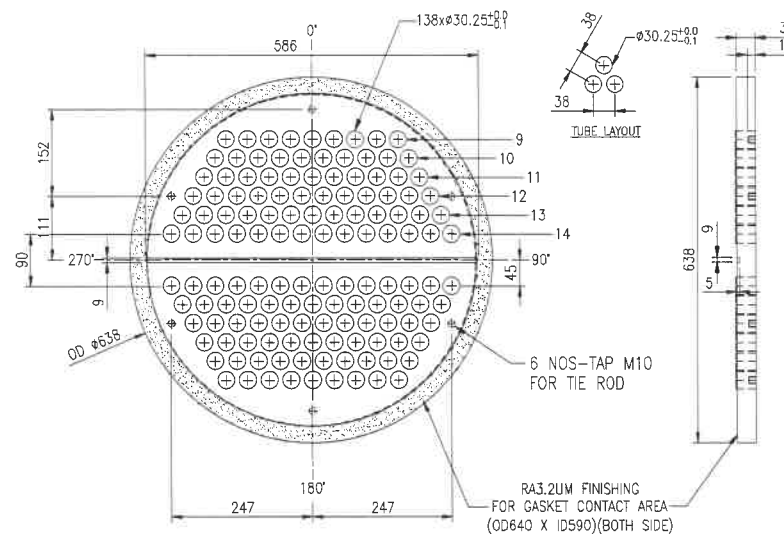
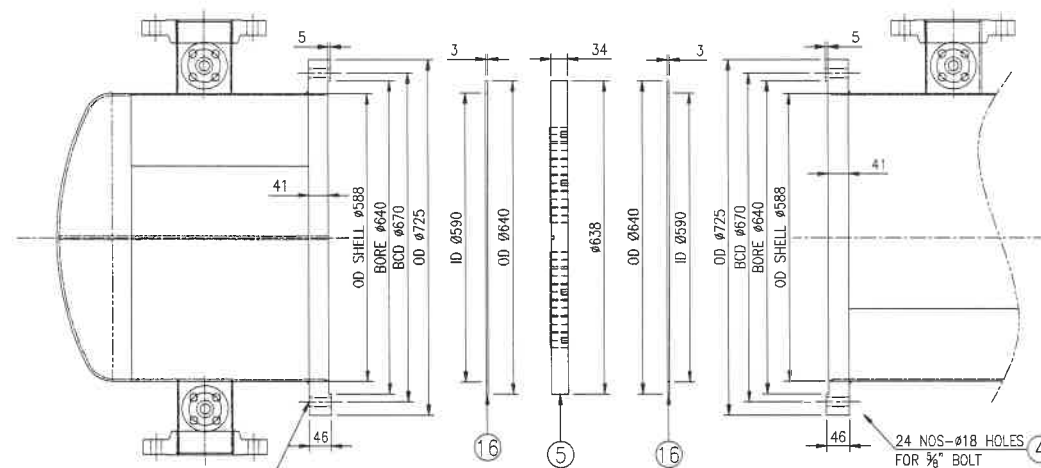


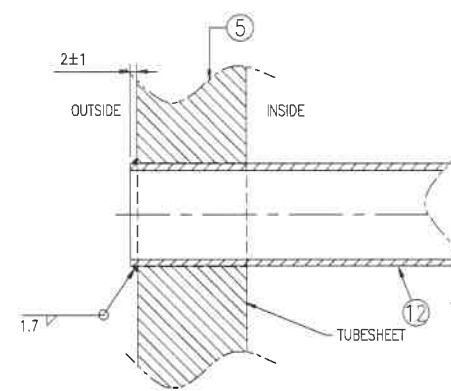
ELEVATION VIEW WITH TUBE  
SCALE: 1:14



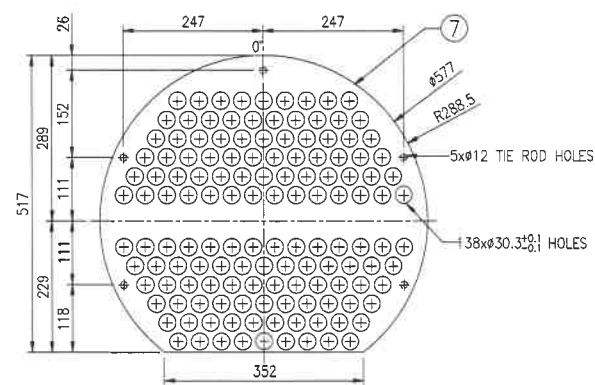
TUBESHEET (ITEM 5)  
SCALE: 1:12



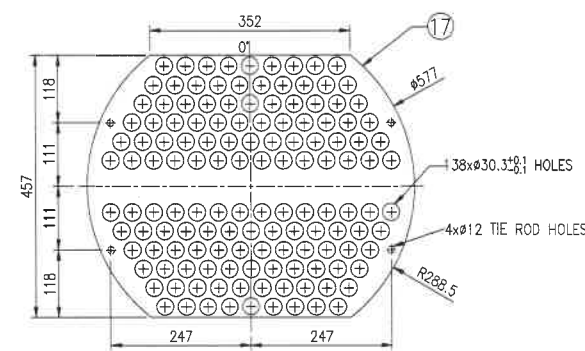
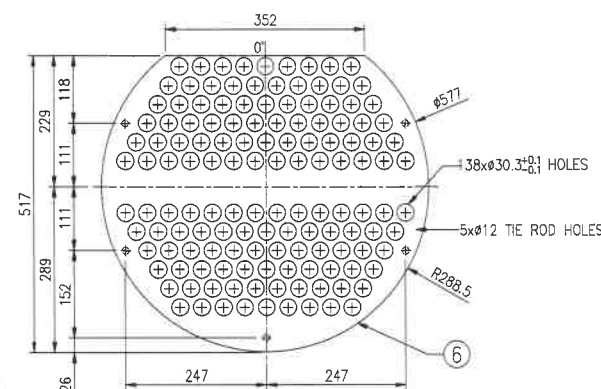
BODY FLANGE DETAILS  
SCALE: 1:14



TYPICAL FOR TUBESHEET HOLES  
SCALE: 1:2



BAFFLE PLATE (ITEM 6 & 7)  
SCALE: 1:12



TUBE SUPPORT DETAIL (ITEM 17)  
SCALE: 1:12

BILL OF MATERIAL					21	
ITEM	DESCRIPTION	MATERIAL	QUANTITY INSTALL	SPARE	REMARKS	
1	HEAD	SA240-316	2	-	PLATE-4mm THK (TORIS)	20
2	SHELL	SA240-316	2	-	PLATE-4mm THK	
3	PARTITION PLATE	SA240-316	1	-	PLATE-8mm THK	
4	BODY FLANGE	SA240-316	2	-	PLATE-OD #725 x 46mm THK (AFTER MACHINE)	19
5	TUBESHEET	SA240-316	1	-	PLATE-OD #638mm x 34mm THK (AFTER MACHINE)	
6	LOWER BAFFLE	SA240-316	2	-	PLATE-4mm THK	
7	UPPER BAFFLE	SA240-316	2	-	PLATE-4mm THK	
8	SPACER PIPE	SA312-TP316	6	-	PIPE-DN10 x SCH.40S	
9	TIE ROD	SS316	6	-	ROD-#10	18
10	HEX NUT	SS316	12	-	NUT HEX-M10	
11	WASHER	SS316	6	-	FLAT WASHER-FOR M10	
12	TUBE	SA213-TP316	69	-	U-TUBE-OD 30mm x 2.0mm THK	17
13	STUD BOLT	SA-193 B7(HDC)	24	-	STUD BOLT-5/8" x 185mm(L)	
14	HEX NUT	SA-194 2H(HDC)	48	-	HEX NUT-5/8"	
15	FLAT WASHER	SS400(HDC)	48	-	FLAT WASHER-5/8"	
16	GASKET	NON-ABESTOS	2	-	GASKET-3mm THK	
17	TUBE SUPPORT	SA240-316	1	-	PLATE-4mm THK	16

NOTE :  
1) ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED  
2) ALL PIPES USED ARE WELDED PIPE, UNLESS OTHERWISE STATED

APPROVAL :