



REFERENCE DRAWINGS	
DESCRIPTION	DWG. Nos.
GENERAL ARRANGEMENT DRAWING FOR CONDENSATE TANK (T-6002)	165-4-MST-001
SHELL PLATE DETAILS	165-4-MST-003
ROOF PLATE DETAILS	165-4-MST-004

13	PLATE 190x380x10mm THK.	1	ASTM A-36	78.5 Kg/m <sup>2</sup>	6
12	WASHER I.D 14x O.D 24x2.5mm THK.	120	ASTM A-307	5.85 KG./1000 PCS.	1
11	BOLT M12 x50 LONG	60	GRADE 8.8 (HDB)	72.9 KG./1000 PCS.	4
10	NUT M12	60	GRADE 8 (HDB)	2.17 KG./100 PCS.	1
9	WASHER I.D 18x O.D 30 x3mm THK.	60	ASTM A-307	10.6 KG./1000 PCS.	1
8	BOLT M16 x60 LONG	30	GRADE 8.8 (HDB)	152 KG./1000 PCS.	5
7	NUT M16	30	GRADE 8 (HDB)	3.9 Kg./100 PCS.	1
6	RAFTER IPN 200 x9400mm LONG	30	ASTM A-36	26.20 Kg/m	7388
5	CLEAT 175x150x10mm THK.	30	ASTM A-36	78.5 Kg/m <sup>2</sup>	62
4	PLATE 140x125x12mm THK.	30	ASTM A-36	94.2 Kg/m <sup>2</sup>	48
3	GUSSET PLATE 10mm THK. (AS SHOWN)	30	ASTM A-36	78.5 Kg/m <sup>2</sup>	42
2	PLATE 190x170x10mm THK.	29	ASTM A-36	78.5 Kg/m <sup>2</sup>	74
1	PLATE 200x170x10mm THK.	30	ASTM A-36	78.5 Kg/m <sup>2</sup>	80

**NOTES:**

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
2. THIS DETAIL IS JUST FOR THE MARKED RAFTER ONLY. FOR OTHER RAFTER THIS DETAIL WILL NOT BE APPLICABLE.

C2	28-10-2015	RE-ISSUED FOR CONSTRUCTION	MH	MMA	MAS
C1	31-08-2015	REVISED AS PER KR / XJ COMMENTS	MH	MMA	MAS
C0	05-08-2015	ISSUED FOR CONSTRUCTION	MH	MMA	MAS
REV.	DATE	DESCRIPTION OF REVISION	DRAWN	CHECKED	APPR.

CLIENT.  **OIL & GAS DEVELOPMENT COMPANY LTD.**  
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PROJECT : <u>KPD-TAY INTEGRATED DEVELOPMENT</u> PROJECT PHASE-II  TITLE : ROOF STRUCTURE DETAILS FOR (20m DIA. x13.510m HT)	JOB NO.		
	165-4		
	SIZE	SCALE	SHEET

DWG. NO.  
165-4-MST-005

JOB NO.  
165-4

SIZE	SCALE	SHEET
A1	1:4	2 OF 3