SHOP MATERIAL LIST FOR ONE ASSEMBLY

MARK	SIZE	GRADE	LENGTH MM	NO	AREA M2	WEIGHT KG
STRA-B91	WPB600*300*128.8	IS2062GRA	913	2	2.11	235.09
STRA-C127	WPB800*300*172_T	IS2062GRA	10097	1	25.85	865.89
STRA-C150	WPB800*300*172_T	IS2062GRA	10097	1	25.85	865.89
STRA-C162	WPB800*300*172	IS2062GRA	10097	1	25.85	1731.75
STRA-P21	PLT50*1600	IS2062GRA	1620	1	2.59	1017.36
STRA-P299	PLT16*390	IS2062GRA	480	4	0.19	94.05
STRA-P300	PLT16*374	IS2062GRA	750	2	0.28	70.46
STRA-P301	PLT16*390	IS2062GRA	750	10	0.29	367.38
STRA-P359	PLT10*285.6	IS2062GRA	372	1	0.11	8.34
STRA-P505	PLT12*320	IS2062GRA	1200	4	0.38	144.69
STRA-P837	PLT25*800	IS2062GRA	1580	2	1.26	496.12
STRA-P838	PLT25*770	IS2062GRA	800	2	0.62	241.78
STRA-P857	PLT6*40	IS2062GRA	300	2	0.03	1.13
STRA-P890	PLT20*352	IS2062GRA	358	8	0.13	158.28
STRA-P969	PLT28*770	IS2062GRA	782	1	0.60	132.35
STRA-P1029	PLT10*358	IS2062GRA	364	32	0.13	327.34
STRA-P1412	PLT12*140	IS2062GRA	150	1	0.02	1.98
				Total	86.3	6759.89

LOCATION LIST	
MARK NO	GRID LOCATION
STRA-C1001	7b/P EL +110.447

BOLT LIST FOR ASSEMBLY STRA-C1001 No. 1

Diam	Grade	Type	Length	No	Member

H - H

J - J

F - F

G - G

L - L

D - D

E - E

C - C

B - B

A - A

TYPICAL WELDED DETAIL FOR MOMENT CONNECTION

NOTES:
ALL DIMENSIONS ARE IN mm (UNO).
ALL WELDS ARE 6mm FILLET (UNO).

1 COLUMN REQUIRED AS DRAWN MARKED STRA-C1001

REV.	DATE	REVISIONS	BY	CHKD	APPD	PEM/PC
2	09.09.2010	REVISED AS MARKED	GR	MKK	JRR	
1	30.04.10	REVISED AS MARKED	GR	MKK	JRR	
0	11-03-2010	ISSUED FOR FABRICATION	GR	MKK	JRR	

ENGINEERS INDIA LIMITED (A Govt. of India Undertaking)

मैंगलौर रिफाइनरी एवं पेट्रोकेमिकल्स लिमिटेड
MANGALORE REFINERY & PETROCHEMICALS LTD.

CONTRACTOR: CONSOLIDATED CONSTRUCTION CONSORTIUM LTD.
REGISTERED OFF: #5 - 2nd LINK STREET, C.I.T COLONY MYLAPORE, CHENNAI -600 004 INDIA

PROJECT: PHASE-III REFINERY PROJECT MANGALORE

TITLE: PFCC / PR UNIT- TECH STRUCTURE A
DETAIL OF COLUMN

SCALE	JOB NO.	UNIT	DIVN.	DEPT.	DWG. NO.	REV.
1:10	6 9 9 3	3 3 1	1 6	4 8	STRA-C1001	2