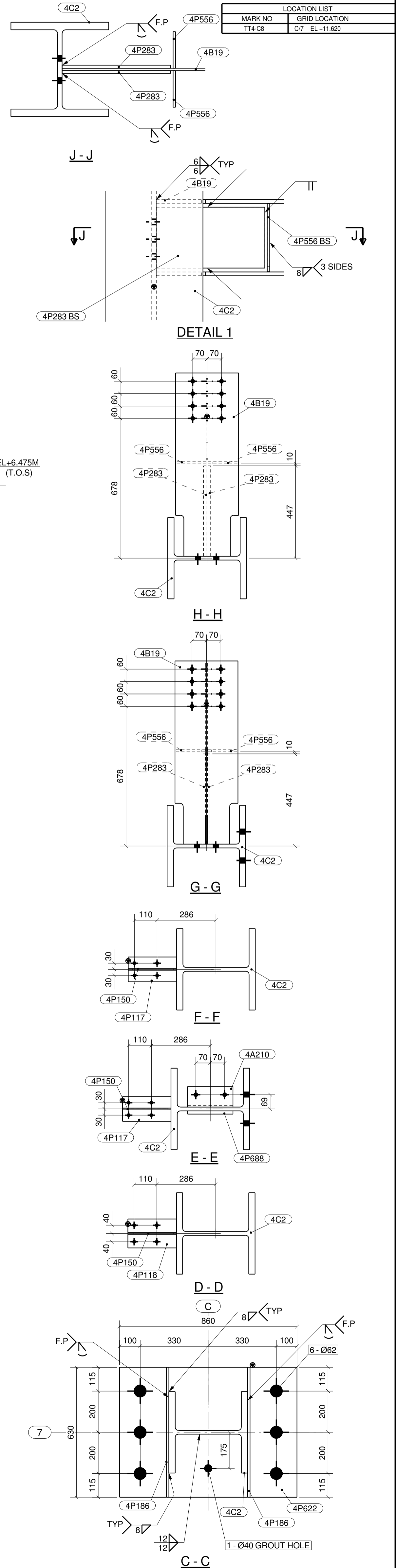


SHOP MATERIAL LIST FOR ONE ASSEMBLY						
MARK	SIZE	GRADE	LENGTH MM	NO	AREA M ²	WEIGHT KG
4A210	L100*100*8	S275	220	1	0.09	2.67
4B19	UC305*305*97	S275	888	2	1.59	171.92
4B20	UC305*305*97	S275	901	1	1.61	87.20
4B22	UC305*305*97	S275	890	1	1.59	86.17
4B24	UC305*305*97	S275	813	1	1.46	78.73
4B25	UC305*305*97	S275	873	1	1.56	84.57
4B464	UC152*152*30	S275	515	1	0.46	15.54
4P117	PLT8*120	S275	235	5	0.06	8.85
4P118	PLT8*140	S275	235	6	0.07	12.40
4P150	PLT8*70	S275	235	11	0.02	11.36
4P186	PLT12*250	S275	630	2	0.16	29.67
4P283	PLT12*246	S275	438	4	0.23	40.59
4P556	PLT10*275	S275	147	4	0.02	12.76
4P583	PLT10*100	S275	85	2	0.01	1.35
4P585	PLT10*74.6	S275	83	2	0.01	0.98
4P600	PLT10*86.4	S275	107	1	0.01	0.73
4P601	PLT10*124	S275	138	1	0.02	1.34
4P602	PLT10*86.6	S275	158	1	0.02	1.32
4P603	PLT10*104.5	S275	155	1	0.02	1.27
4P622	PLT75*630	S275	860	1	0.54	318.98
4P688	PLT16*100	S275	220	1	0.05	2.76
TT4-C8	UC356*406*235	S275	11020	1	25.13	2594.00
Total					34.7	3565.18

BOLT LIST FOR ASSEMBLY TT4-C8 No. 1					
Diam	Grade	Type	Length	No	Member
8	S275	FLANGE	100	1	4A210
8	S275	FLANGE	100	1	4P688
8	S275	FLANGE	100	1	4P622

LOCATION LIST		
MARK NO	GRID LOCATION	MARKING
TT4-C8	C7	EL+11.620



1 COLUMN REQUIRED AS DRAWN MARKED TT4-C8

NOTE:
1- ALL DIMENSIONS ARE IN MM (UNO).

PURCHASER:
LION BLAST FURNACE SDN. BHD.,

CONTRACTOR:
MUTIARA ETNIK SDN. BHD.,

Rev	Revision note	Date	By	Checked
1	ISSUED FOR FABRICATION	02.07.2009	SRI	KK

STRUCTURAL STEEL DESIGN & DETAILING BY:
Yugasoft

PROJECT:
**RAW MATERIAL YARD
TOTAL STORAGE CAPACITY 1,920,000 TONS**

DESIGN	BY	DATE	TITLE:
MK	SRI	29.06.2009	TRANSFER TOWER TT-4 DETAIL OF COLUMN
CHKD	KK	29.06.2009	
APPRD	KMD	29.06.2009	
SCALE	1:10		

DRAWING NO: **TT4-C8** REV: 1