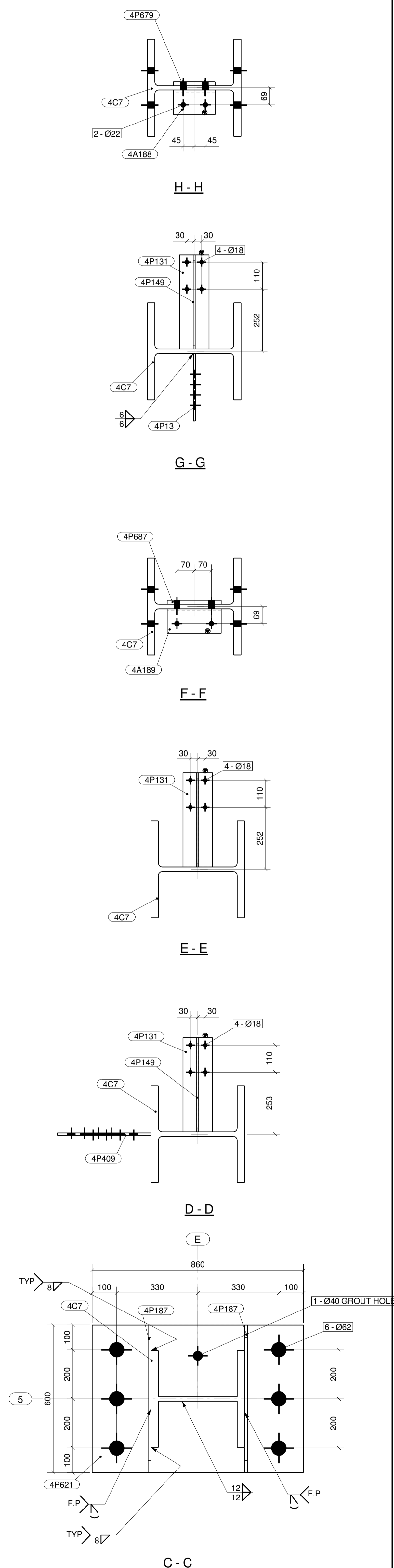
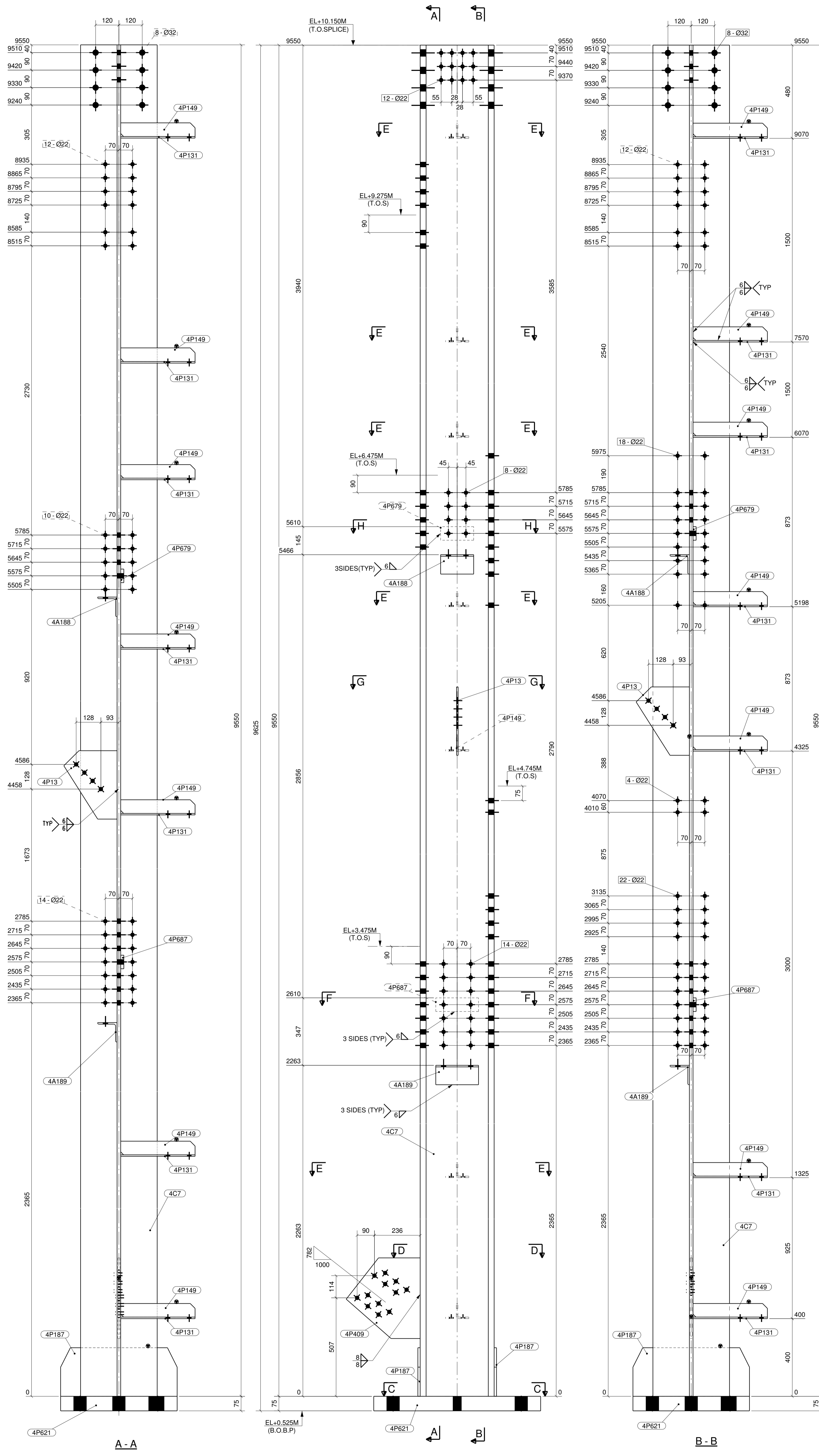


SHOP MATERIAL LIST FOR ONE ASSEMBLY						
MARK	SIZE	GRADE	LENGTH MM	NO	AREA M ²	WEIGHT KG
4A188	L100*100*8	S275	170	1	0.07	2.06
4A189	L100*100*8	S275	220	1	0.09	2.67
4P13	PLT8*274.6	S275	352	1	0.10	6.08
4P131	PLT8*120	S275	383	7	0.10	20.21
4P149	PLT8*70	S275	383	7	0.03	11.79
4P187	PLT12*250	S275	600	2	0.15	28.26
4P409	PLT10*381	S275	415	1	0.16	12.42
4P621	PLT75*600	S275	860	1	0.52	303.80
4P679	PLT16*70	S275	170	1	0.03	1.49
4P687	PLT16*70	S275	220	1	0.04	1.93
TT4-C38	UC356*406*235	S275	9549	1	21.77	2247.97
Total					23.0	2638.70

BOLT LIST FOR ASSEMBLY TT4-C38 No. 1					
Diam	Grade	Type	Length	No	Member

LOCATION LIST	
MARK NO	GRID LOCATION
TT4-C38	E5' EL-10.150



1 COLUMN REQUIRED AS DRAWN MARKED TT4-C38

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

PURCHASER:
LION BLAST FURNACE SDN. BHD.,

CONTRACTOR:
MUTIARA ETNIK SDN. BHD.,

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

STRUCTURAL STEEL DESIGN & DETAILING BY:
Yugasoft

DESIGN: MK 29.05.2009
DRAWN: GR 29.05.2009
CHECKED: KK 01.06.2009
APPROVED: KMD 01.06.2009
SCALE: 1:10

TITLE:
**TRANSFER TOWER TT-4
DETAIL OF COLUMN**

DRAWING NO: TT4-C38