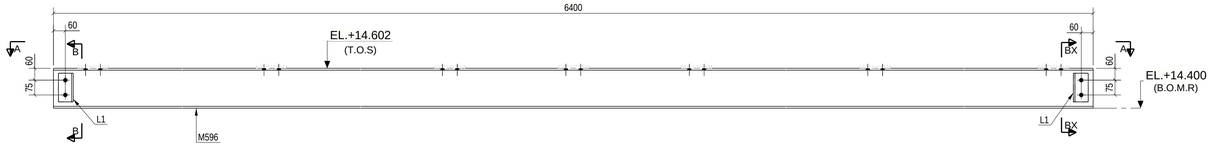
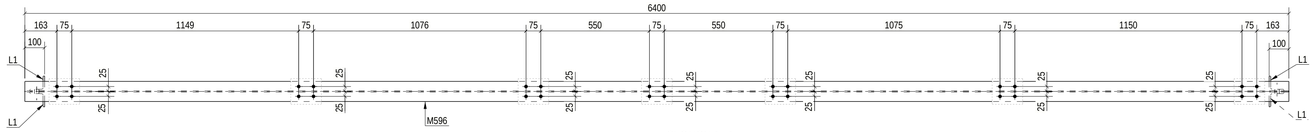
GRID LOCATION		
MR4	B-D/1-1'	+14.602

BOLT LIST			
ASSEMBLY MARK	FIELD BOLT	LENGTH	TOTAL Q'TY
MR4	16 DIA HSFG 8.8	50	28
MR4	20 DIA HSFG 8.8	55	4
		TOTAL	32

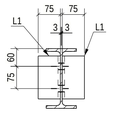
BILL OF MATERIALS ASSEMBLY MK'D : MR4 ASSY QTY : 1

Item Mark	Qty./ Assembly	Profile Size	Wt./Meter (Kgs.)	Length (In mm.)	Wt./Item (Kgs.)	Total Qty.	Total Wt. (Kgs.)	Material /Remarks
M596	1	NPB200X100X25.09	25.09	6400	160.57	1	160.57	E250A
L1	4	ISA75X75X8	8.90	145	1.30	4	5.19	E250A
					TOTAL WEIGHT (Kgs.)		165.76	

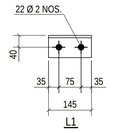




SECTION A - A



SECTION B - B



SECTION E - E

BHEL-INDUSTRIAL SYSTEMS GROUP (CIVIL)

1) ☒ KEPT FOR INFORMATION.
SITE /CONTRACTOR TO ENSURE THE COMPLIANCE OF ALL PREVIOUS COMMENTS AND PROCEED FOR FABRICATION

2) ☐ INCORPORATE ALL COMMENTS,RESUBMIT THE REVISED DRAWINGS

BHEL'S APPROVAL WILL NOT ABSOLVE CONTRACTOR FROM HIS RESPONSIBILITY TOWARDS CORRECTNESS OF DRAWING .CONTRACTOR SHALL BEAR THE TOTAL RESPONSIBILITY FOR MISMATCHES ,ERROR IN THE DRAWINGS

NAME	PRASANTH KUMAR RAI KG
SIGNATURE	---sd---
DATE	

NOTES:-
1. ALL DIMENSIONS ARE IN mm. & LEVELS ARE IN MTR.
2. ALL MEMBERS AND GUSSET PLATES TO BE CUT AFTER FULL SCALE SHOP LAYOUT BEFORE FABRICATION.
3. ALL WELDS ARE 6mm. THICK U.N.O
4. PERMANENT BOLTS SHOWN THUS ----
5. SURFACE TO BE FINISHED ARE SHOWN THUS ----
6. 17.5Ø HOLES FOR M16 BOLTS FOR L 50x50x6
7. FOR MARKING REFER DRAWING NO.PAT-IP-BCC-GH TP-1-100-0001 TO 0021
2. THIS DRAWING HAS BEEN PREPARED BASED ON DESIGN DRG. NO. 9585-001-109-PVC-C-464 & 465-R2
9. THIS DRAWING SHALL NOT BE SCALED . ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

REV.	DESCRIPTION	DATE	DRAWN	CHKD.	APPD.
0	ISSUED FOR APPROVEL	14.12.2022			

1 NO. MONORAIL REQD. AS DRAWN MKD MR4

CUSTOMER	NTPC Limited
PROJECT	3x800MW PATRATU SUPER THERMAL POWER PROJECT, PATRATU
EPC CONTRACTOR	BHARAT HEAVY ELECTRICALS LTD.
SUB CONTRACTOR	BHARAT HEAVY ELECTRICALS LTD. JAGDISHPUR
CONSULTANT	BHARAT CONSTRUCTION COMPANY KOLKATA - RANCHI - DELHI
TITLE	GH TP-1 DETAIL OF MONORAIL MKD. MR4

SCALE : 1:20	DRAWN	CHECKED	APPROVED	DRAWING NO:	REV
SH. SIZE A1	B.C.C	S.S	A.C	PAT-IP-BCC-GH TP-1-999-1058-MR4	0

Tekla structures