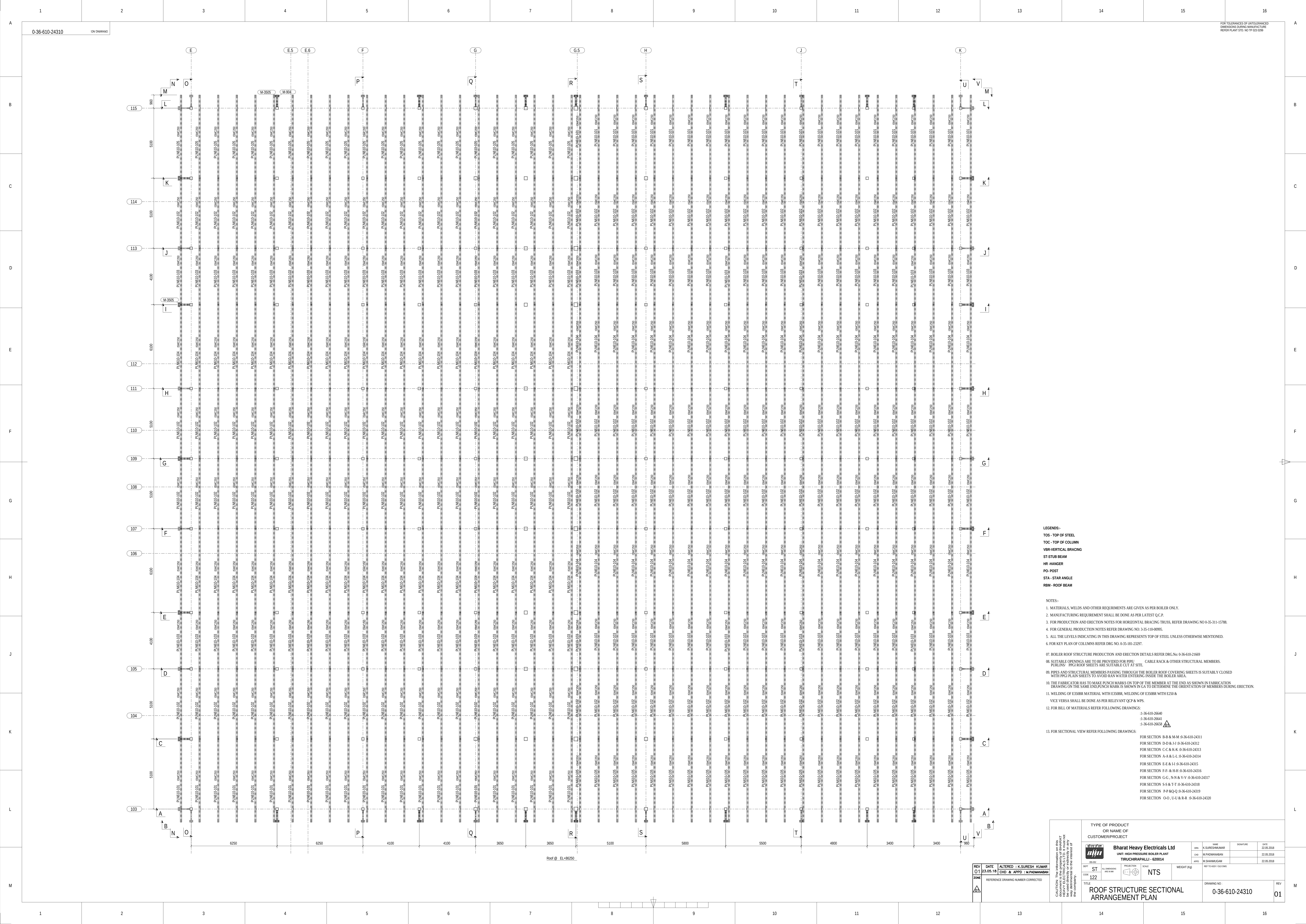
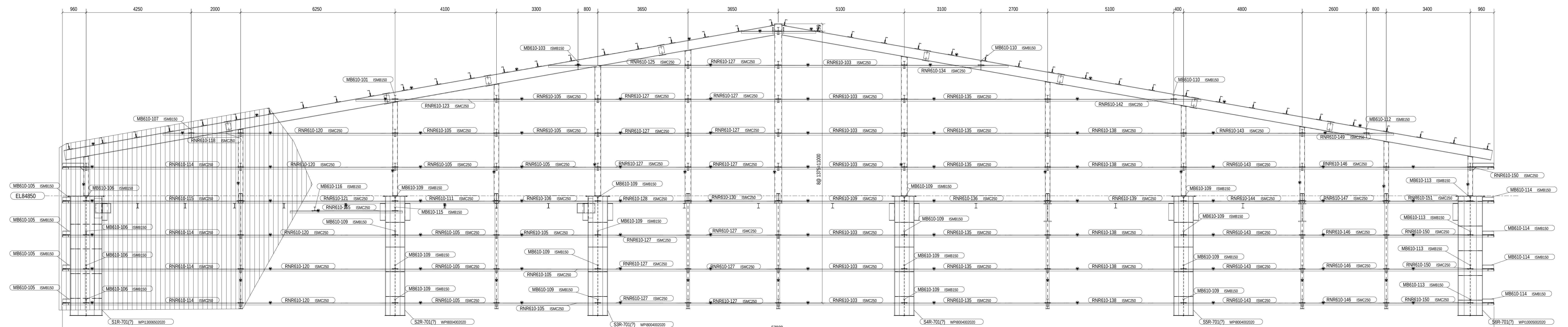




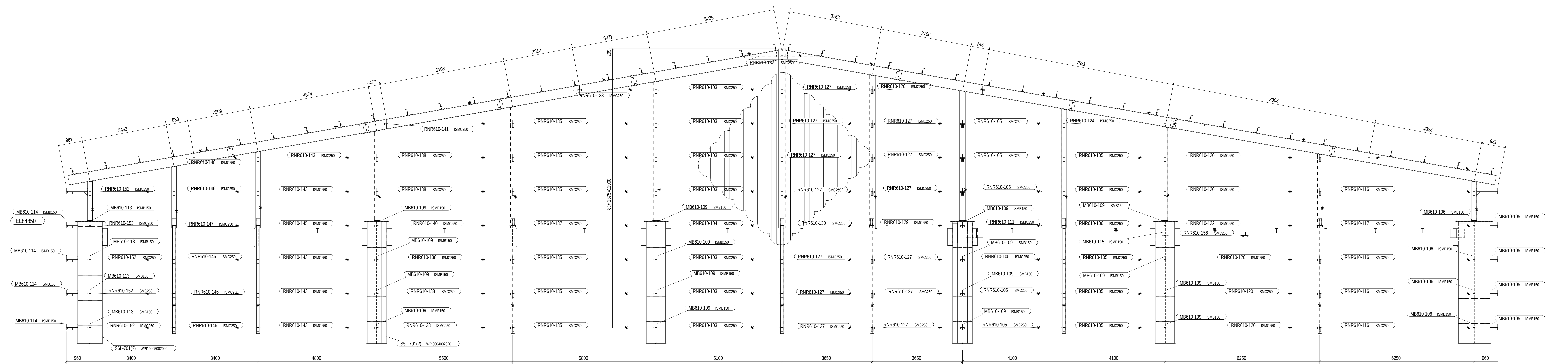
LEGENDS:
TOS - TOP OF STEEL
TOC - TOP OF COLUMN
VBR-VERTICAL BRACING
ST-STUB BEAM
HR-HANGER
PO-POST
STA - STAR ANGLE
RBM - ROOF BEAM

NOTES:
1. MATERIALS, WELDS AND OTHER REQUIREMENTS ARE GIVEN AS PER BOILER ONLY.
2. MANUFACTURING REQUIREMENT SHALL BE DONE AS PER LATEST Q.C.P.
3. FOR PRODUCTION AND ERECTION NOTES FOR HORIZONTAL BRACING TRUSS, REFER DRAWING NO 0-35-311-15788.
4. FOR GENERAL PRODUCTION NOTES REFER DRAWING NO: 3-35-104-0895.
5. ALL THE LEVELS INDICATING IN THIS DRAWING REPRESENTS TOP OF STEEL UNLESS OTHERWISE MENTIONED.
6. FOR KEY PLAN OF COLUMNS REFER DRG NO: 0-35-181-23297.
7. BOILER ROOF STRUCTURE PRODUCTION AND ERECTION DETAILS REFER DRG.No: 0-36-610-21669
8. SUITABLE OPENINGS ARE TO BE PROVIDED FOR PIPE/ CABLE RACK & OTHER STRUCTURAL MEMBERS.
9. PURLINS/ PPGI ROOF SHEETS ARE SUITABLE CUT AT SITE.
10. PIPES AND STRUCTURAL MEMBERS PASSING THROUGH THE BOILER ROOF COVERING SHEETS IS SUITABLY CLOSED WITH PPGI PLAIN SHEETS TO AVOID RAIN WATER ENTERING INSIDE THE BOILER AREA.
11. WELDING OF E308R MATERIAL WITH E308R, WELDING OF E308R WITH E208 & VICE VERSA SHALL BE DONE AS PER RELEVANT QCP & WPS.
12. FOR BILL OF MATERIALS REFER FOLLOWING DRAWINGS:
1-36-610-2640
1-36-610-2641
1-36-610-2638
13. FOR SECTIONAL VIEW REFER FOLLOWING DRAWINGS:
FOR SECTION B-B & M-M 0-36-610-24311
FOR SECTION D-D & J-J 0-36-610-24312
FOR SECTION C-C & K-K 0-36-610-24313
FOR SECTION A-A & L-L 0-36-610-24314
FOR SECTION E-E & I-I 0-36-610-24315
FOR SECTION F-F & H-H 0-36-610-24316
FOR SECTION G-G, N-N & V-V 0-36-610-24317
FOR SECTION S-S & T-T 0-36-610-24318
FOR SECTION P-P & Q-Q 0-36-610-24319
FOR SECTION U-U & R-R 0-36-610-24320

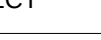
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPPALLI - 620014		DATE 22.05.2018	DATE 22.05.2018
REV 01	DATE 22.05.18	ALTERED : K.SURESH KUMAR CHD & APPD : M.PADMANABAN	PROJECTION 1ST ANGLE	SCALE NTS	WEIGHT (KG)
TITLE ROOF STRUCTURE SECTIONAL ARRANGEMENT PLAN			DRAWING NO: 0-36-610-24310		

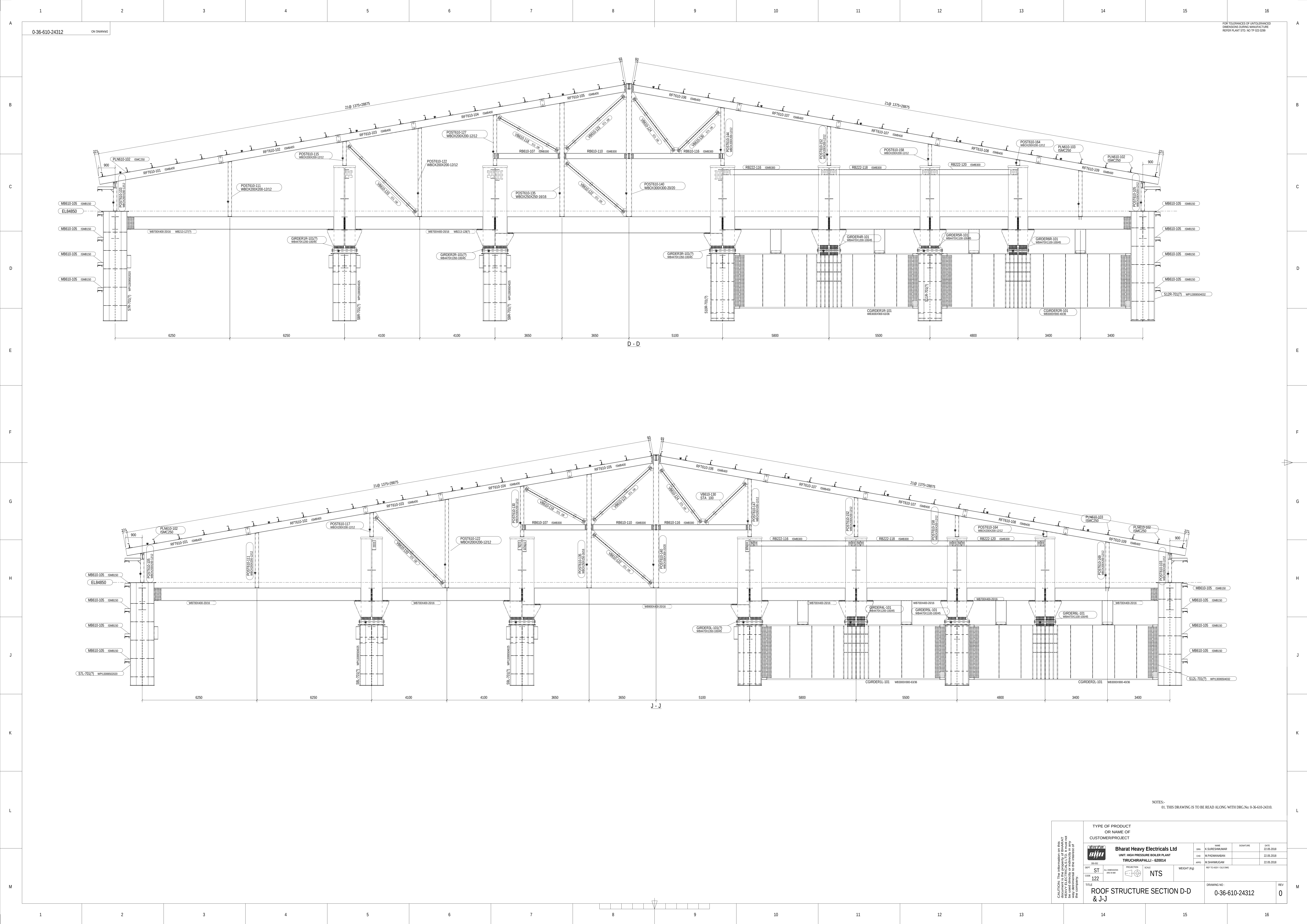


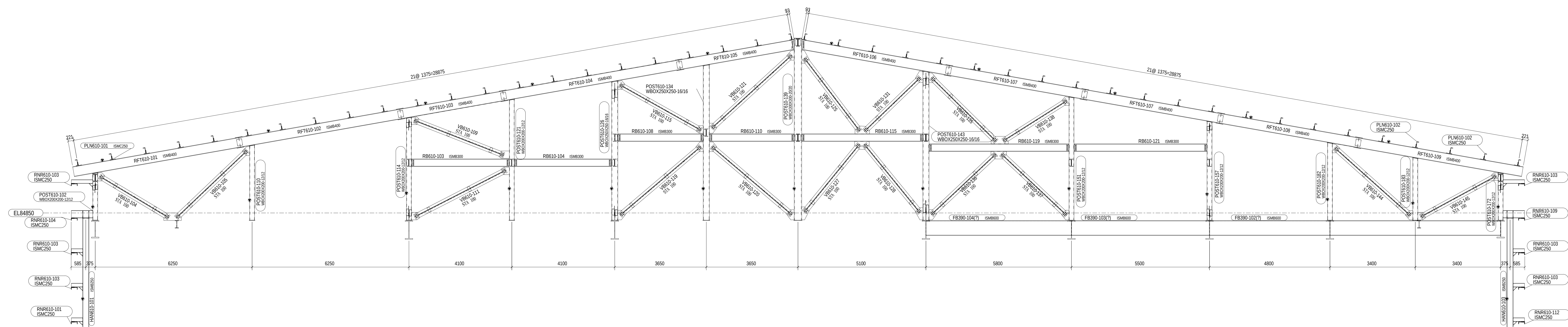
B - B


$$\underline{M - M}$$

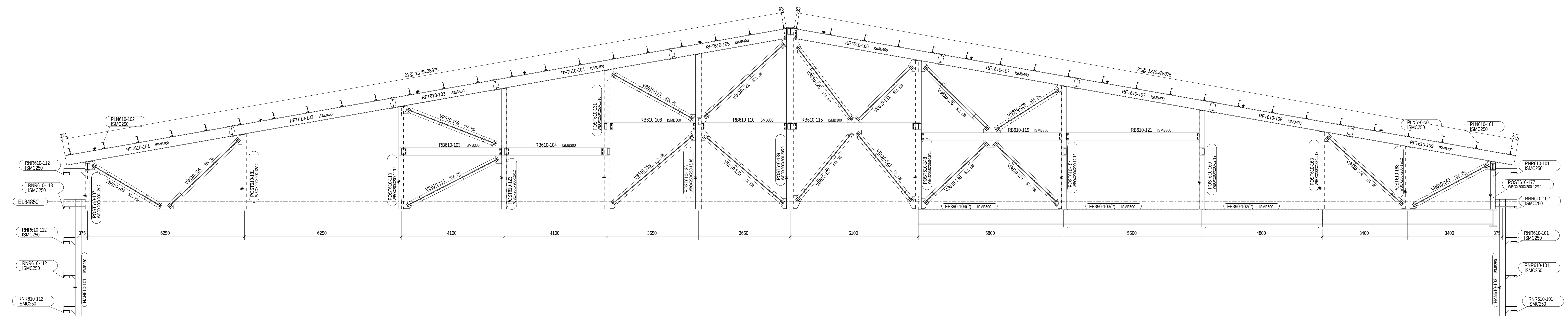
NOTES:-
01. THIS DRAWING IS TO BE READ ALONG WITH DRG.No: 0-36-610-24310.

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It is not to be used directly or indirectly in any form without the written consent of the company.	TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT					
	 Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPPALLI - 620014		NAME K.SURESHKUMAR	SIGNATURE	DATE 22.05.2018	
	DESIG 36.62	ALL DIMENSIONS ARE IN MM	PROJECTION 	SCALE NTS	DWD M.PADMAWANBAN	DATE 22.05.2018
	CODE 122	WEIGHT (kg)		APP'D M.SHANMUGAM	REF TO APP'D (OLD ENG) M.SHANMUGAM	DATE 22.05.2018
TITLE ROOT STRUCTURE SECTION B-B -M-M			DRAWING NO: 0-36-610-24311		REV 0	





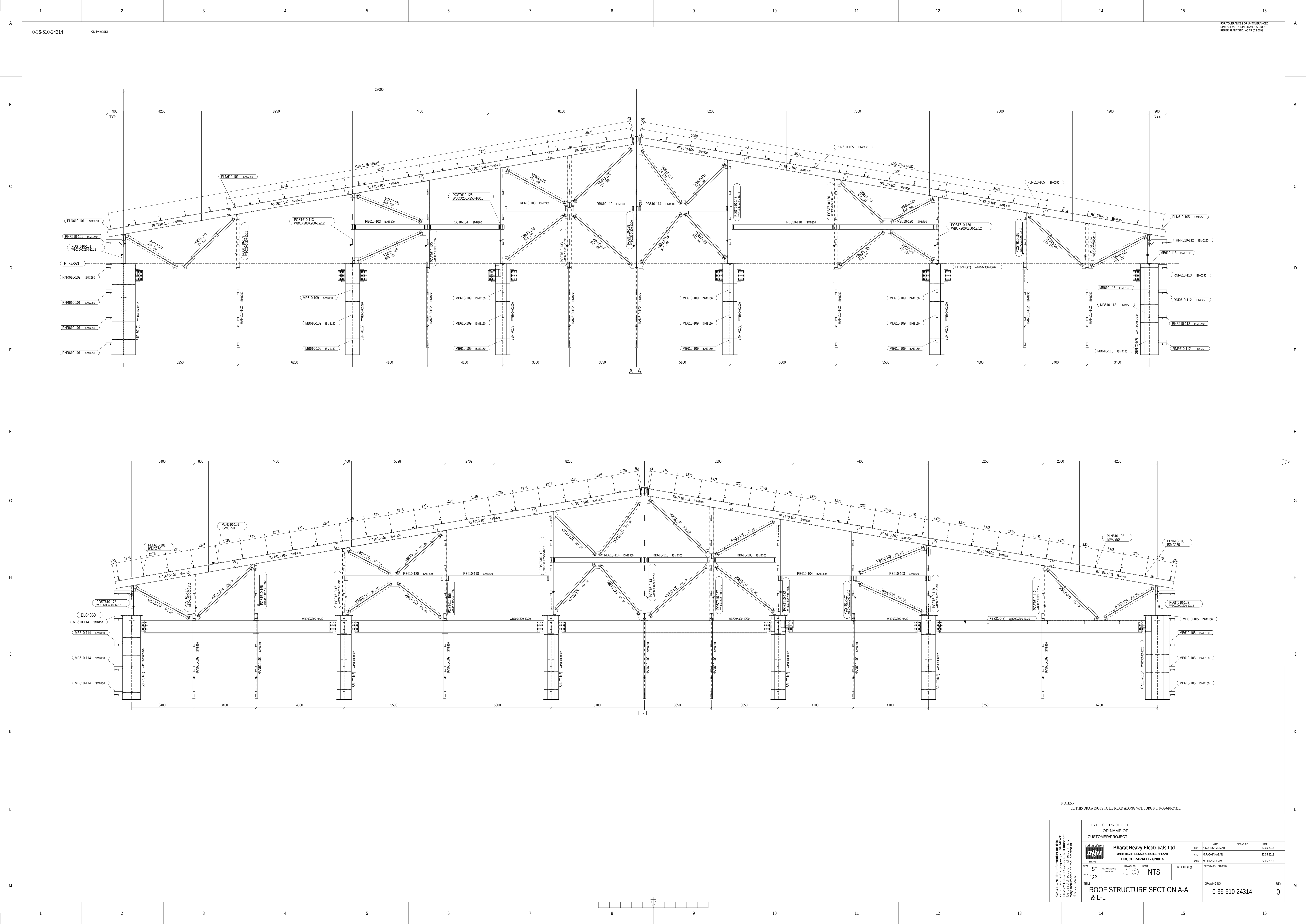
C - C



K - K

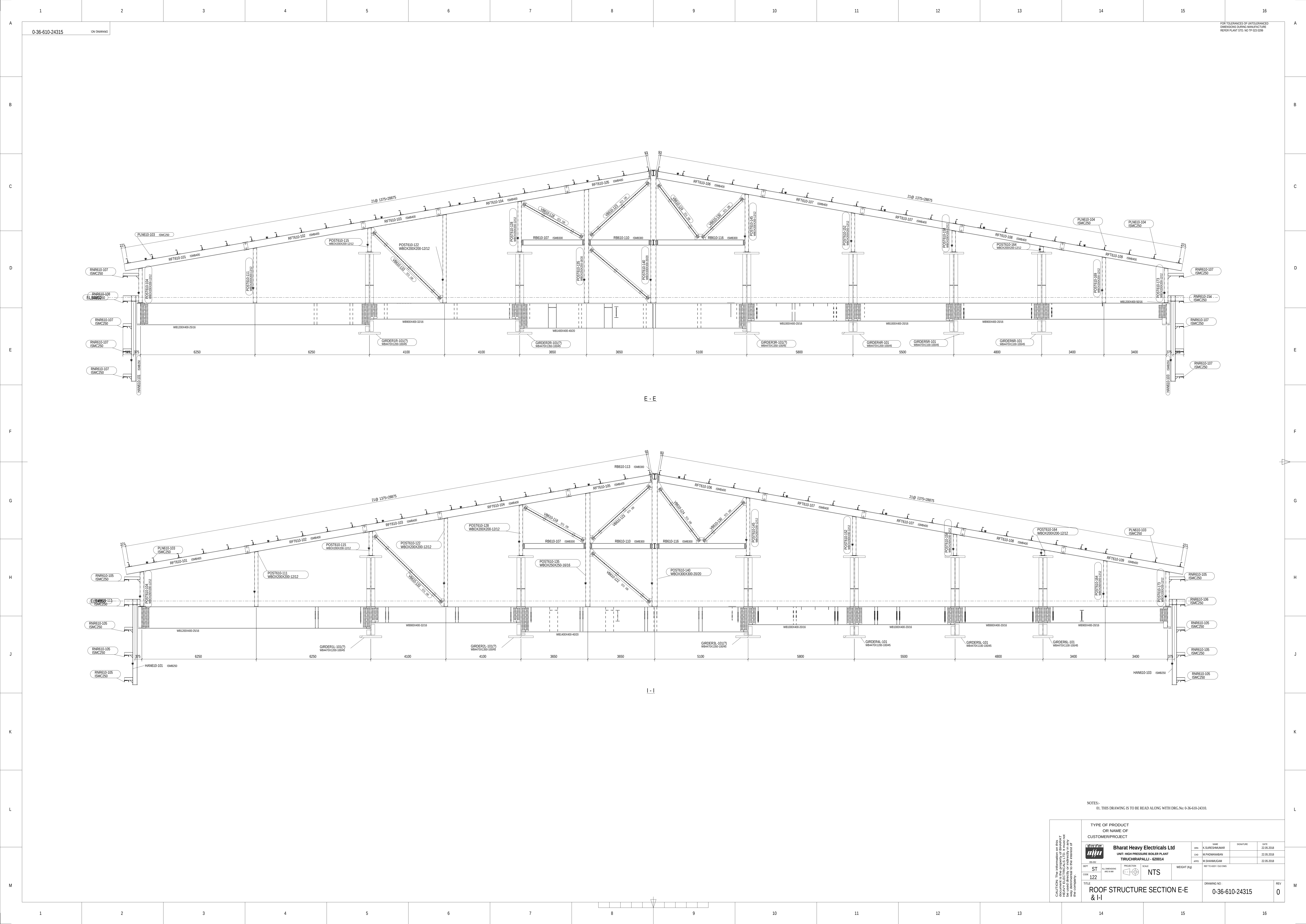
NOTES:-
01. THIS DRAWING IS TO BE READ ALONG WITH DRG.No: 0-36-610-24310

CAUTION: The information on this document is the property of BHARAT Heavy Electricals Ltd. It is not to be used directly or indirectly in any form or by any means or for the matters of this company.	TYPE OF PRODUCT		OR NAME OF CUSTOMER/PROJECT	
	Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPPALLI - 620014			
			DRN. NAME CND. C/M PAFANAGANAN APNO. M. SHANMUGAM	START/DATE 22.05.2018 22.05.2018 22.05.2018
	DEPT. ST CODE 122	ALL DIMENSIONS ARE IN MM 	SCALE NTS	WEIGHT (kg) KEY TO KEY: 1/0 TWO DIPS
TITLE		DRAWING NO.		REV.
ROOF STRUCTURE SECTION C-C K-K		0-36-610-24313		C



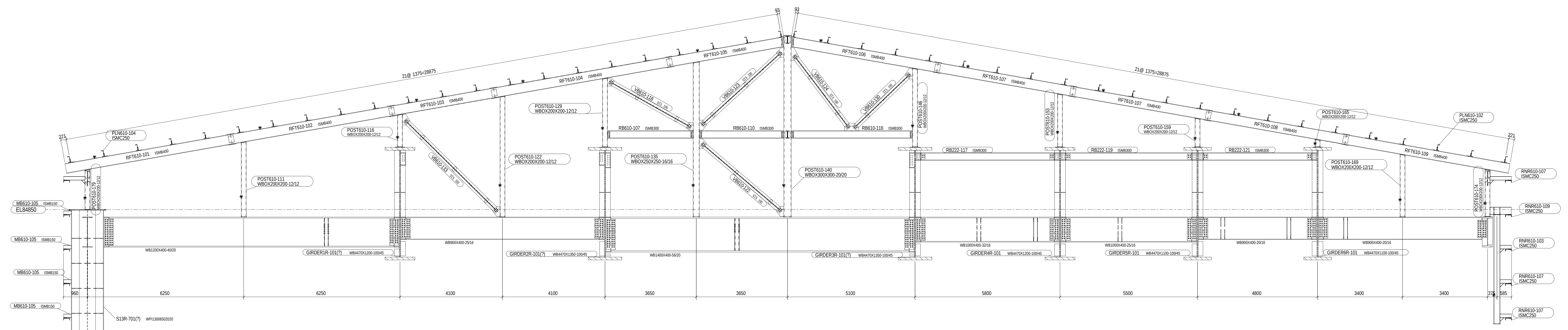
NOTES:-
01. THIS DRAWING IS TO BE READ ALONG WITH DRG No: 0-36-610-24310.

CAUTION: The information on this drawing is the property of Bharat Heavy Electricals Ltd. It should not be used for any other purpose without the written consent of Bharat Heavy Electricals Ltd.		TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT	
		Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE ROILER PLANT TIRUCHIRAPALLI - 620014	
DESIGN ST	SCALE 1:1	PROJECTION 1ST	WEIGHT (KG) 122
DATE 22.05.2018	DATE 22.05.2018	DATE 22.05.2018	DATE 22.05.2018
DRAWING NO: 0-36-610-24314		REV: 0	

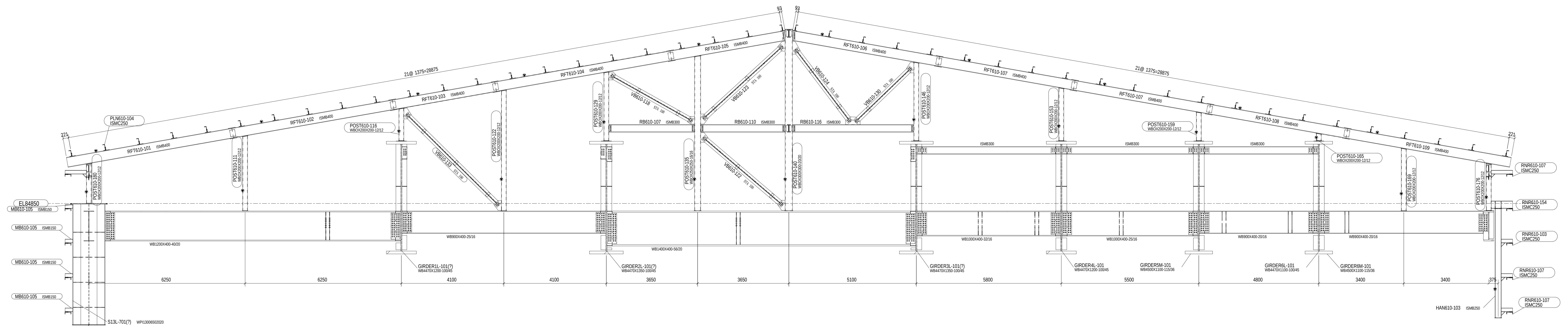


NOTES:-
01. THIS DRAWING IS TO BE READ ALONG WITH DRG.No: 0-36-610-24310.

CAUTION: The information on this drawing is for reference only. It is not to be used for construction without the approval of the design engineer. Any use of this information without the approval of the design engineer is at the user's risk.	TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT					
	 Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPALLI - 620014					
	DEPT	PROJECTION	SCALE	WEIGHT (KG)	NAME	DATE
	ST	1ST ANGLE	NTS		K. SURESHKUMAR	22.05.2018
	CODE				APPRO	22.05.2018
122				REF TO: A501 / 0-36-610		
TITLE				DRAWING NO:		REV
ROOF STRUCTURE SECTION E-E & I-I				0-36-610-24315		0

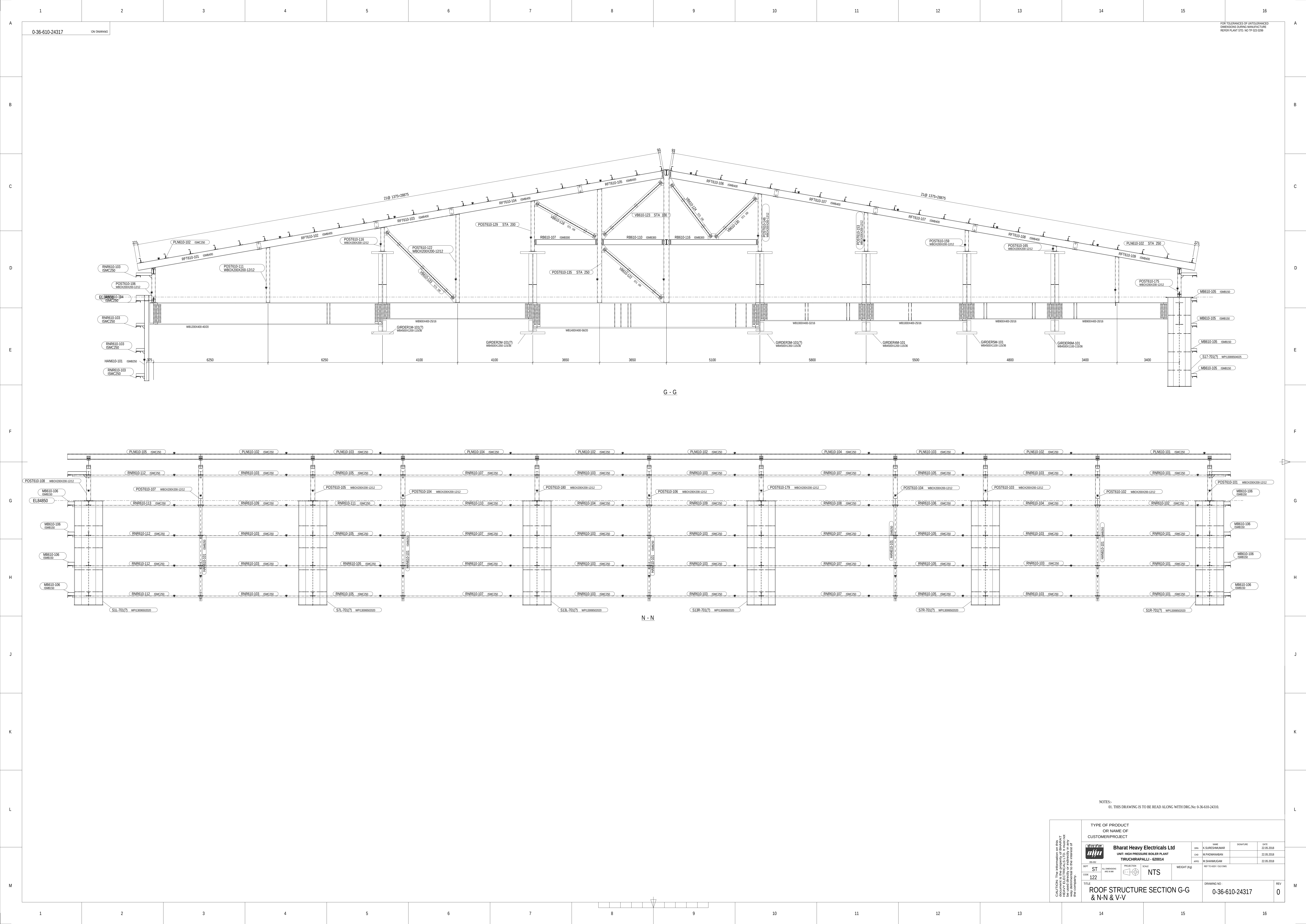


F - F


$$\underline{\text{H} - \text{H}}$$

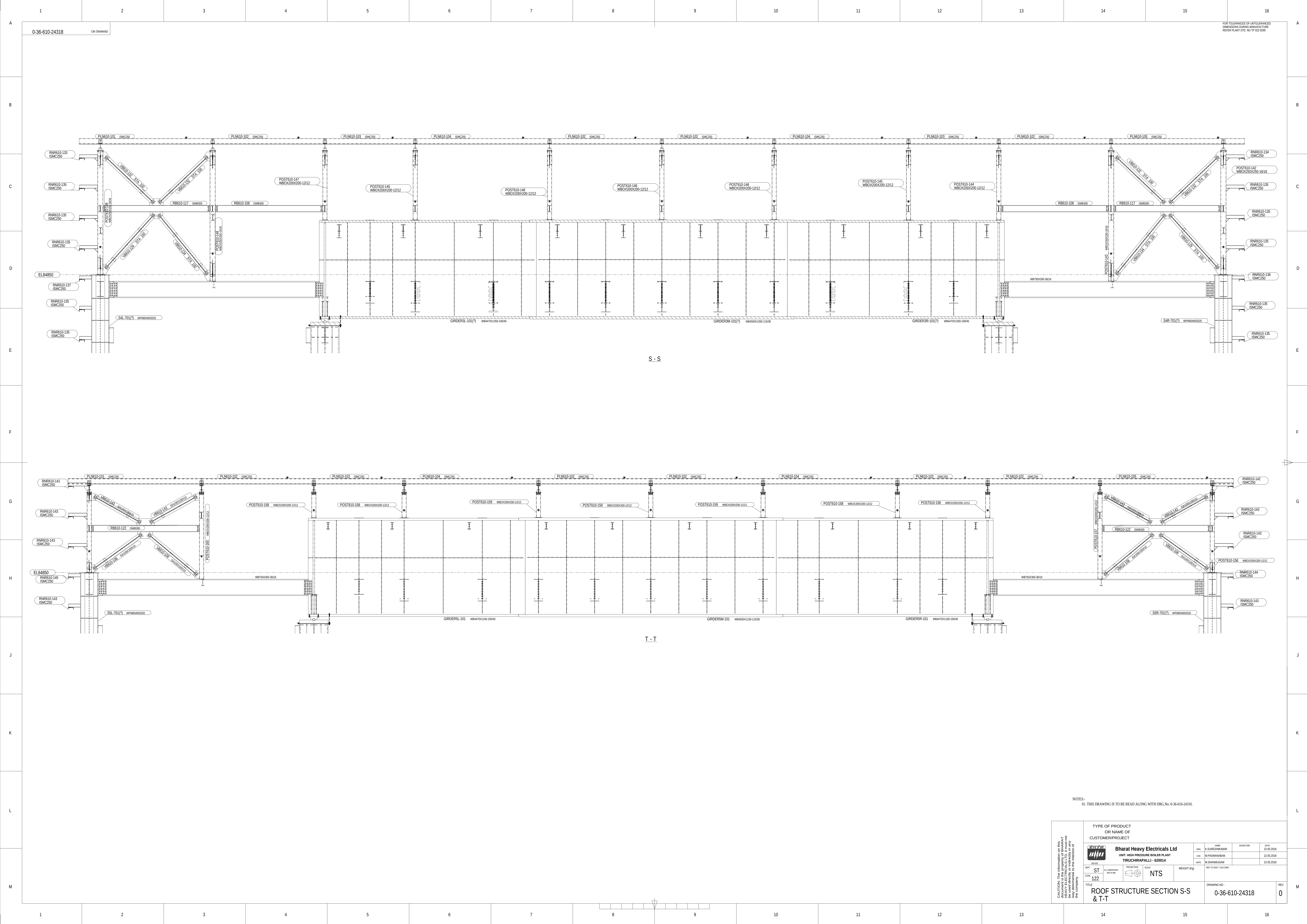
NOTES:-
01. THIS DRAWING IS TO BE READ ALONG WITH DRG.No: 0-36-610-24310.

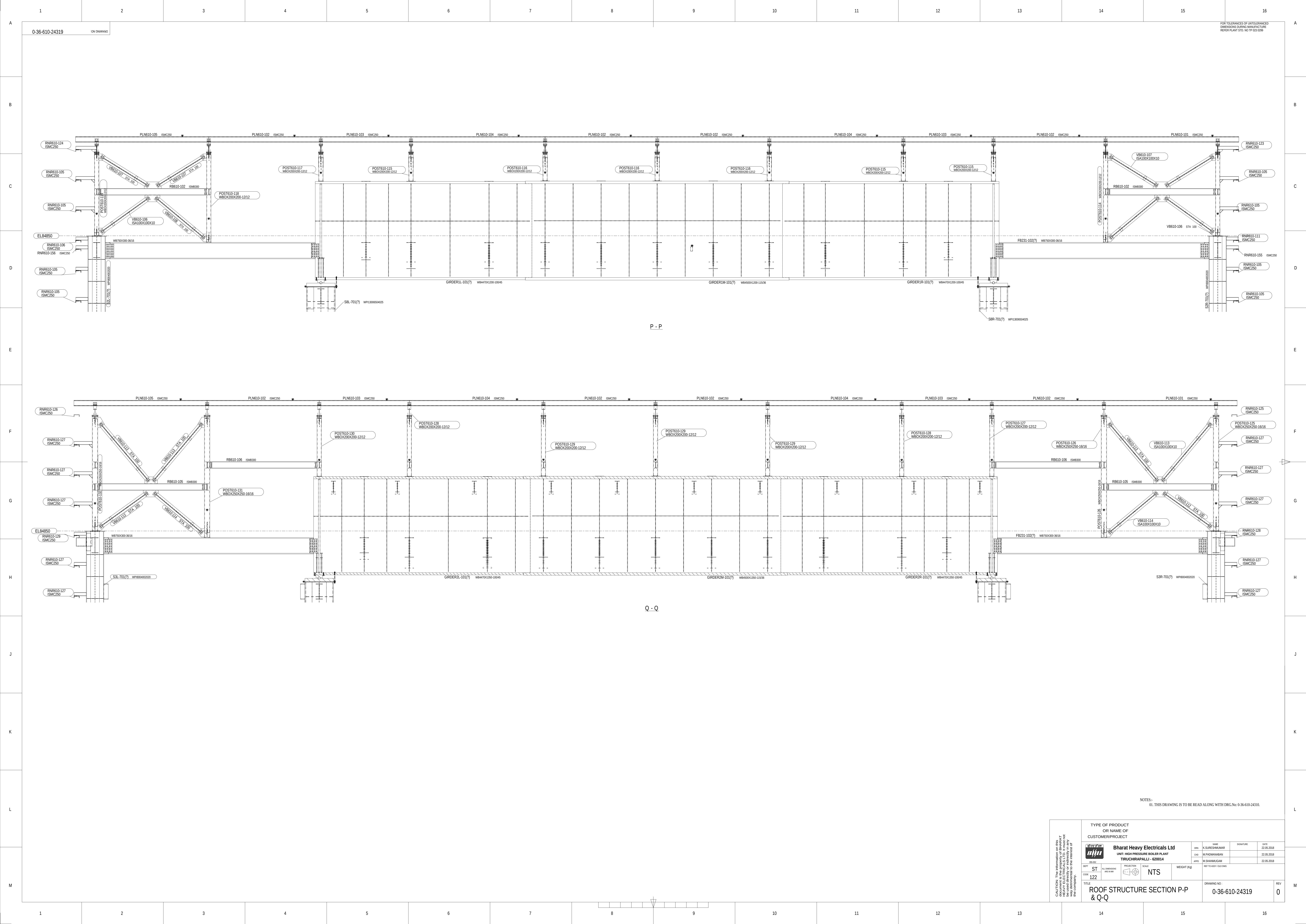
CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way without the written consent of this company.	TYPE OF PRODUCT		OR NAME OF CUSTOMER/PROJECT			
	 Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TRICHURAPPALI - 620014		QPN	NAME	SIGNATURE	DATE
			CSD	M.FACMANABAN		22.05.2018
			APPD	M.SHANMUGAM		22.05.2018
			482 TO 482-1 TO 482-2462			
DEPT	ST	ALL DRAWINGS ARE IN SET	PROJECTION	SCALE	WEIGHT (KGS)	
CODE	122			NTS		
TITLE					DRAWING NO:	REV
ROOT STRUCTURE SECTION F-F & H-H					0-36-610-24316	0

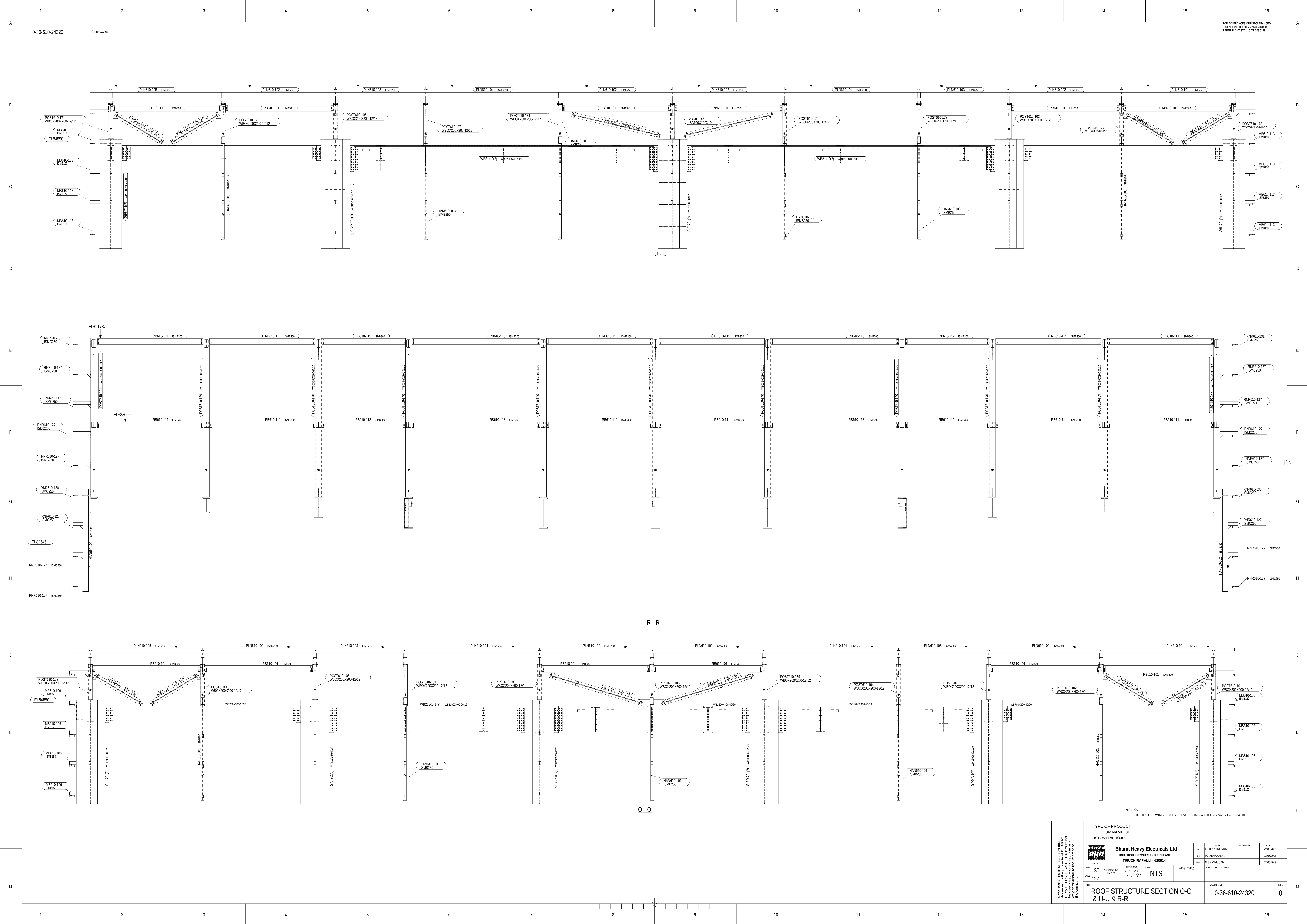


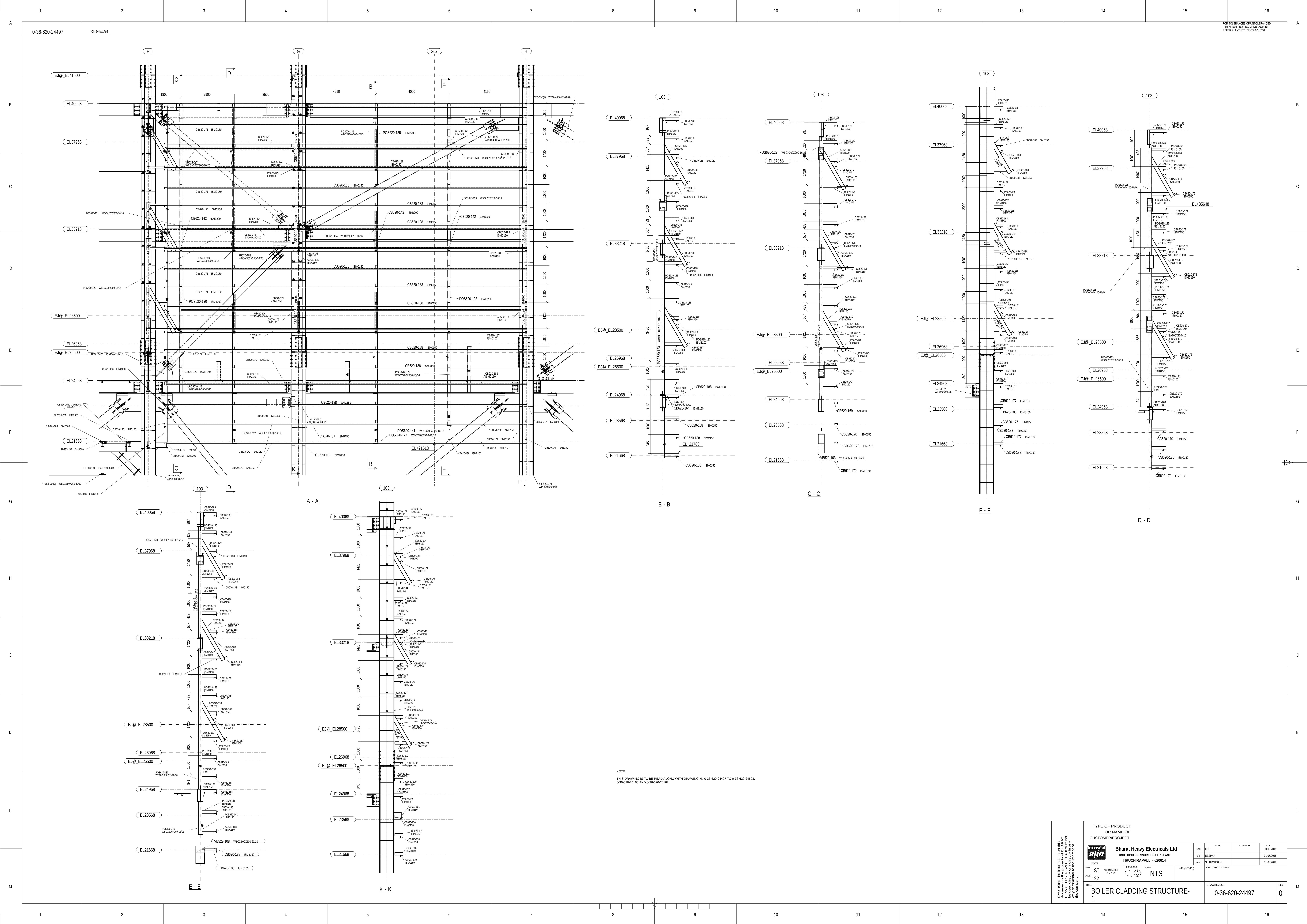
NOTES:-
01. THIS DRAWING IS TO BE READ ALONG WITH DRG.No: 0-36-610-24310.

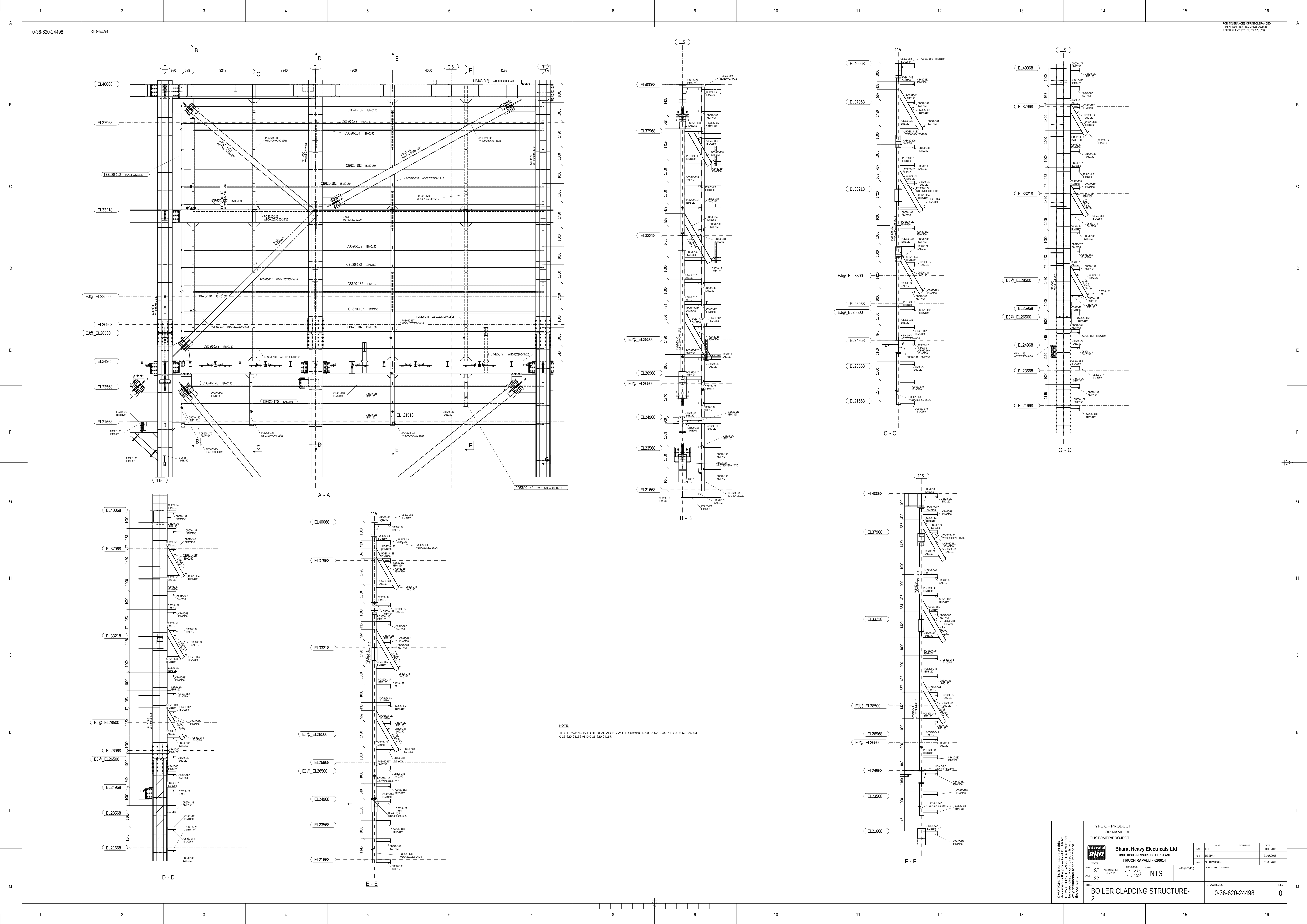
CAUTION: The information on this drawing is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be reproduced or used in any way without the written consent of the company.		TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		DATE	
		Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPPALLI - 620014		22.05.2018	
DEPT	ST	PROJECTION	SCALE	WEIGHT (KG)	REV
CODE	122	1ST ANGLE	NTS		0
DRAWING NO: 0-36-610-24317				REV 0	

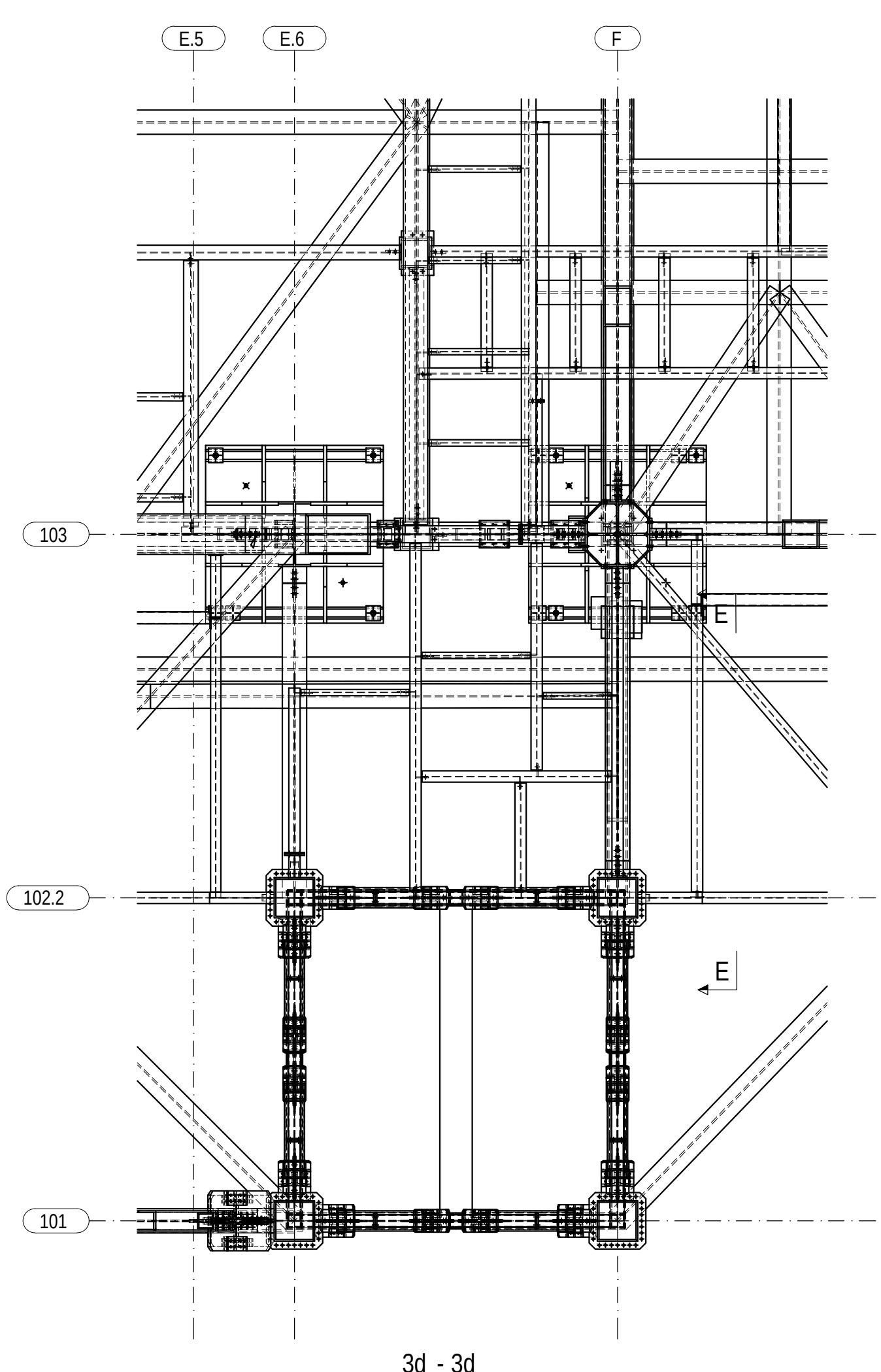
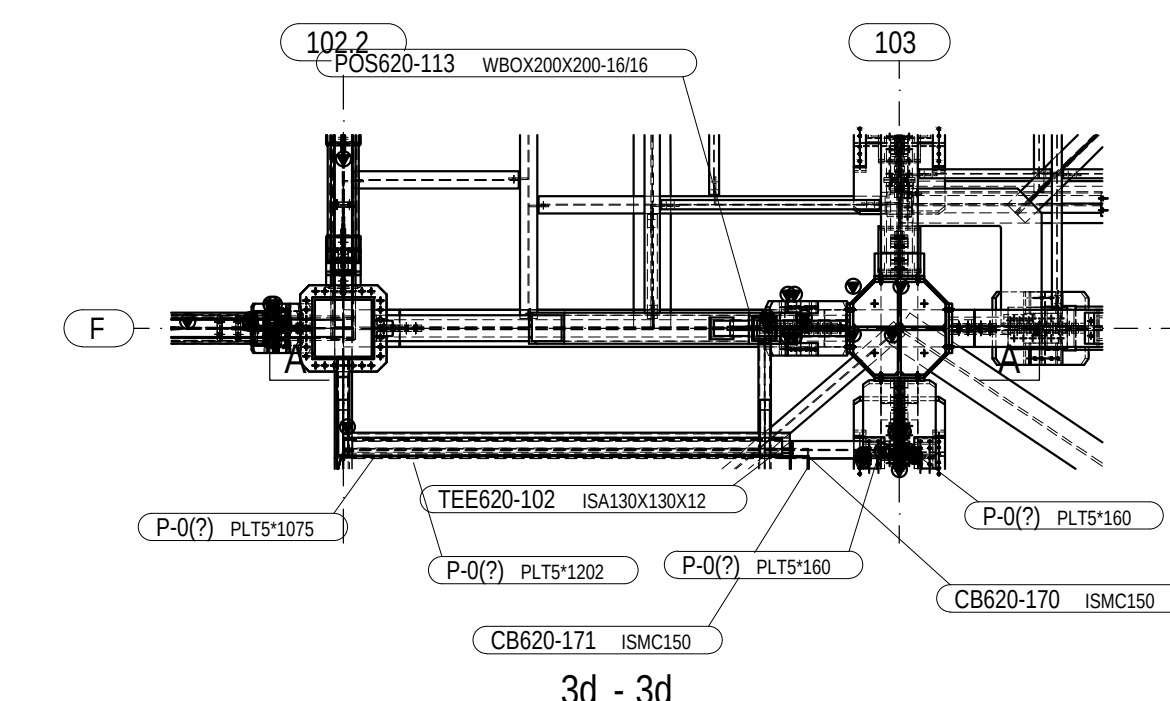
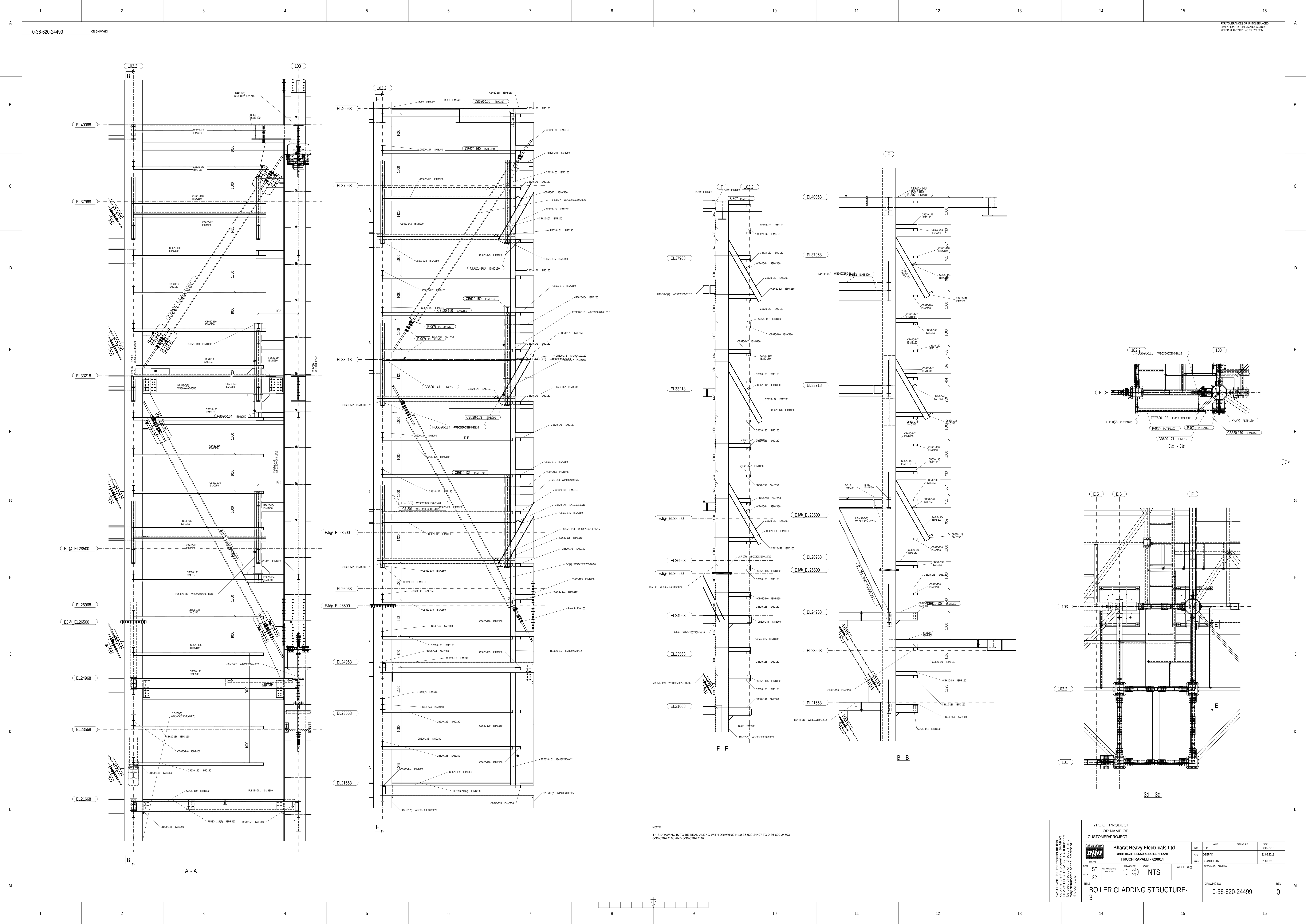




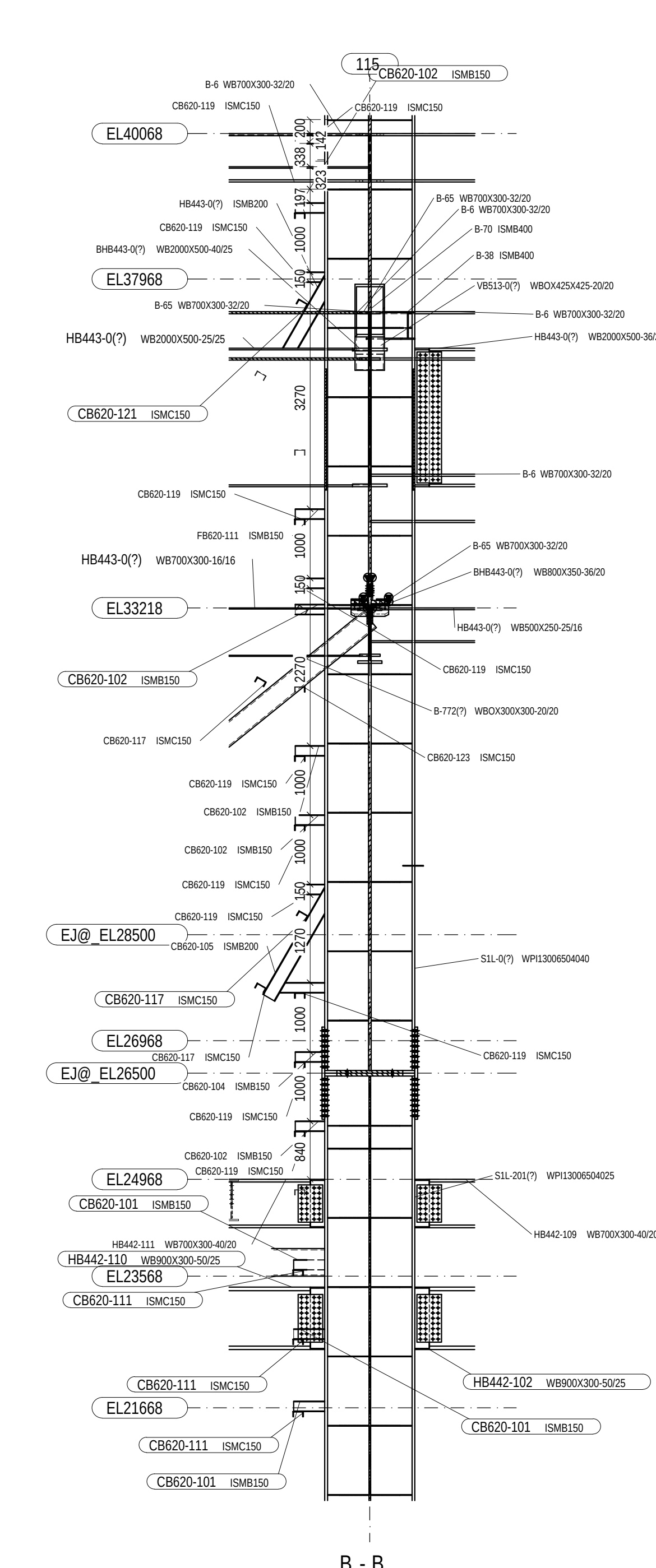
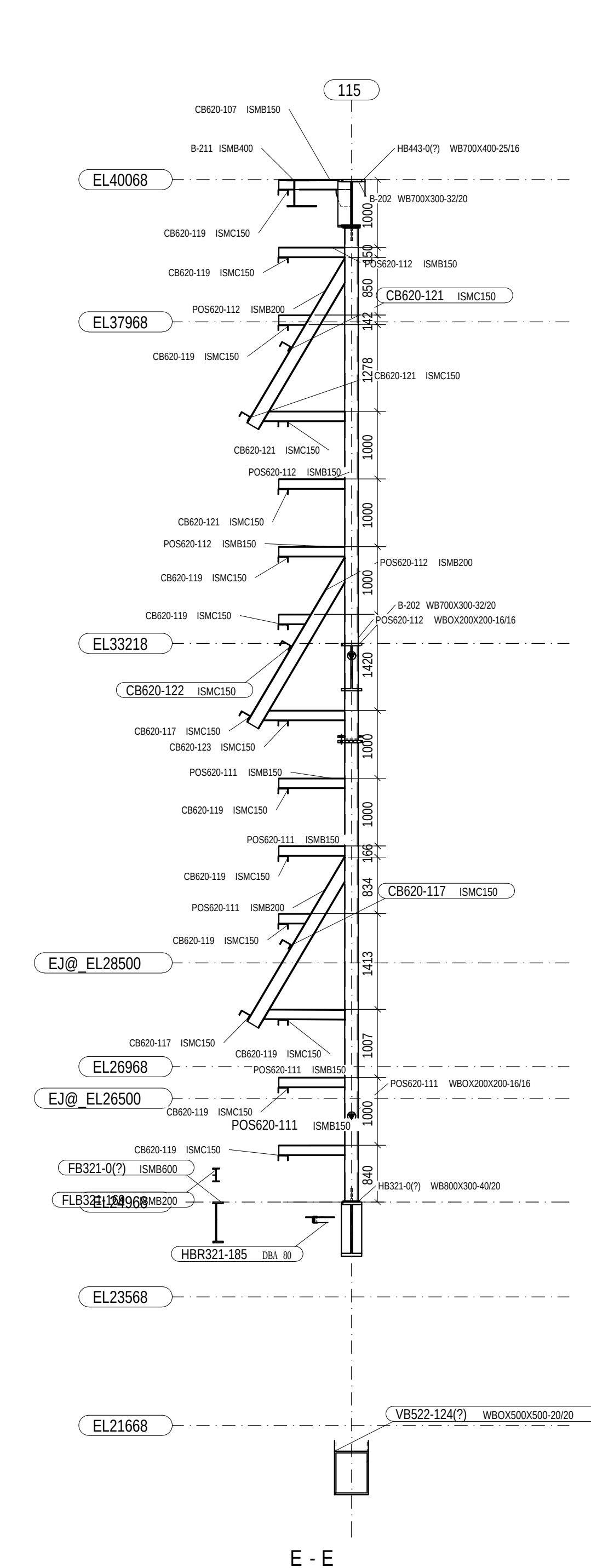
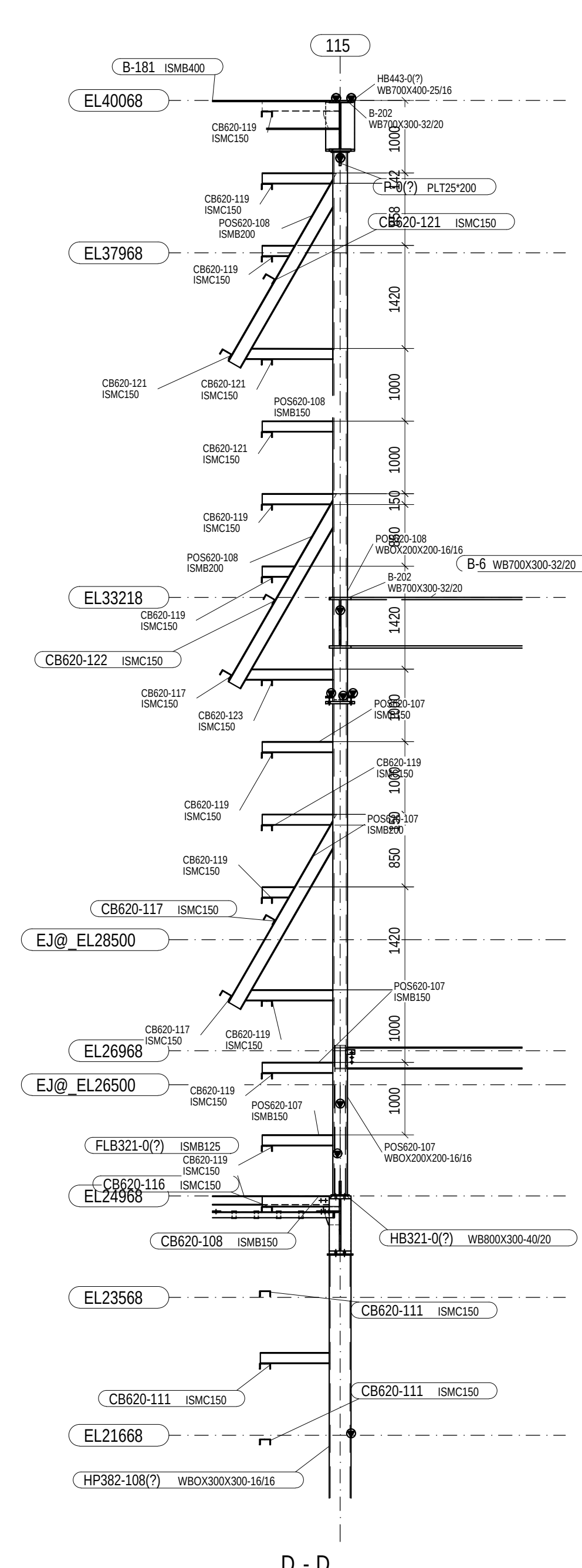
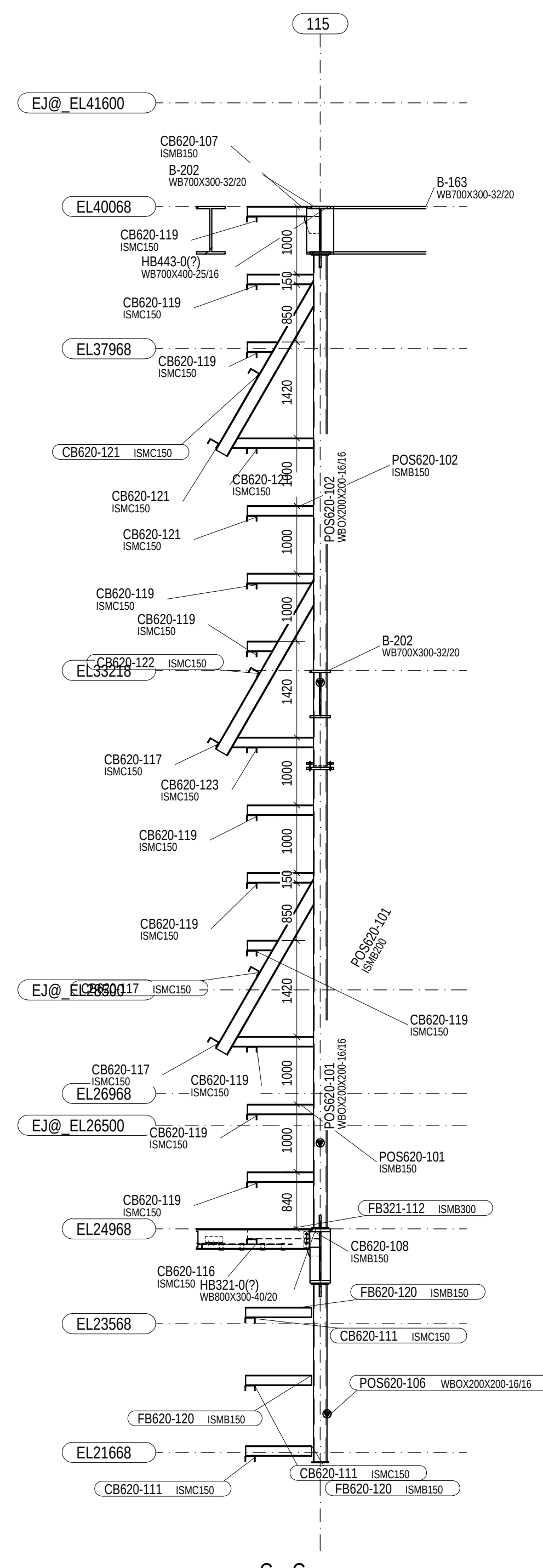
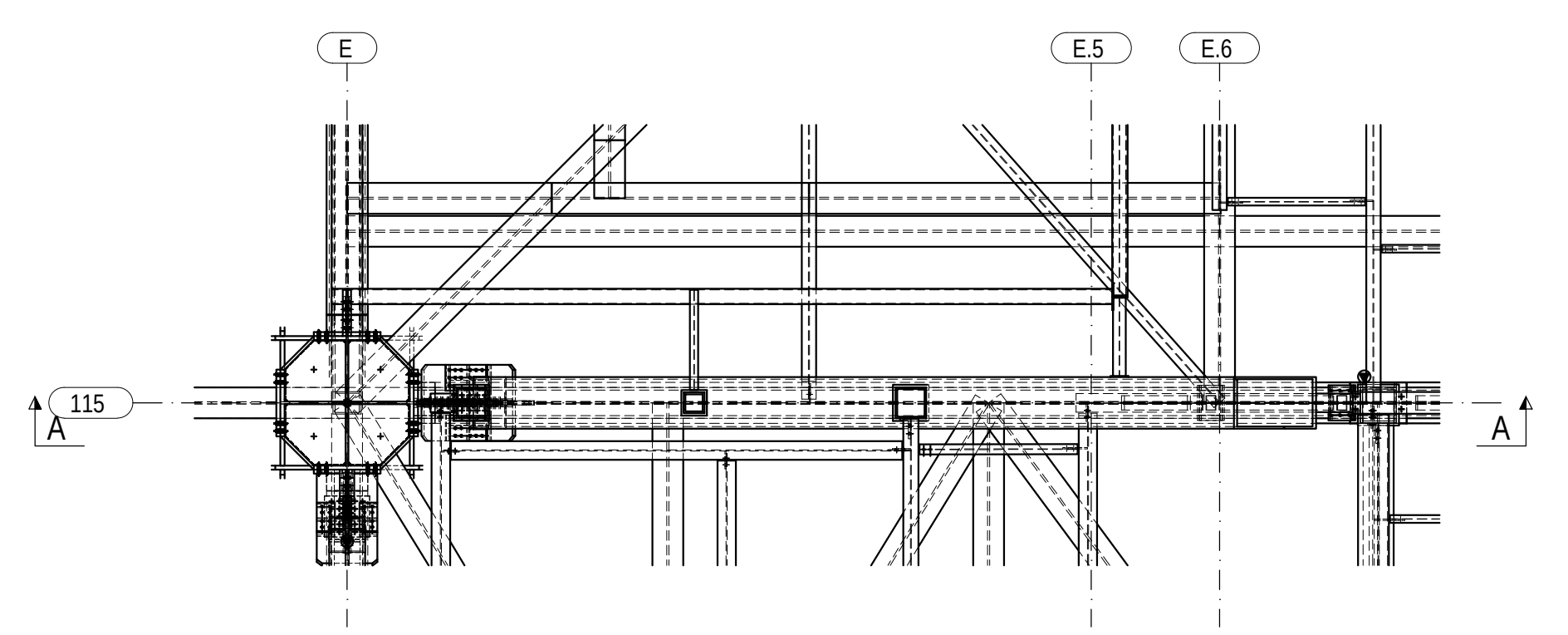
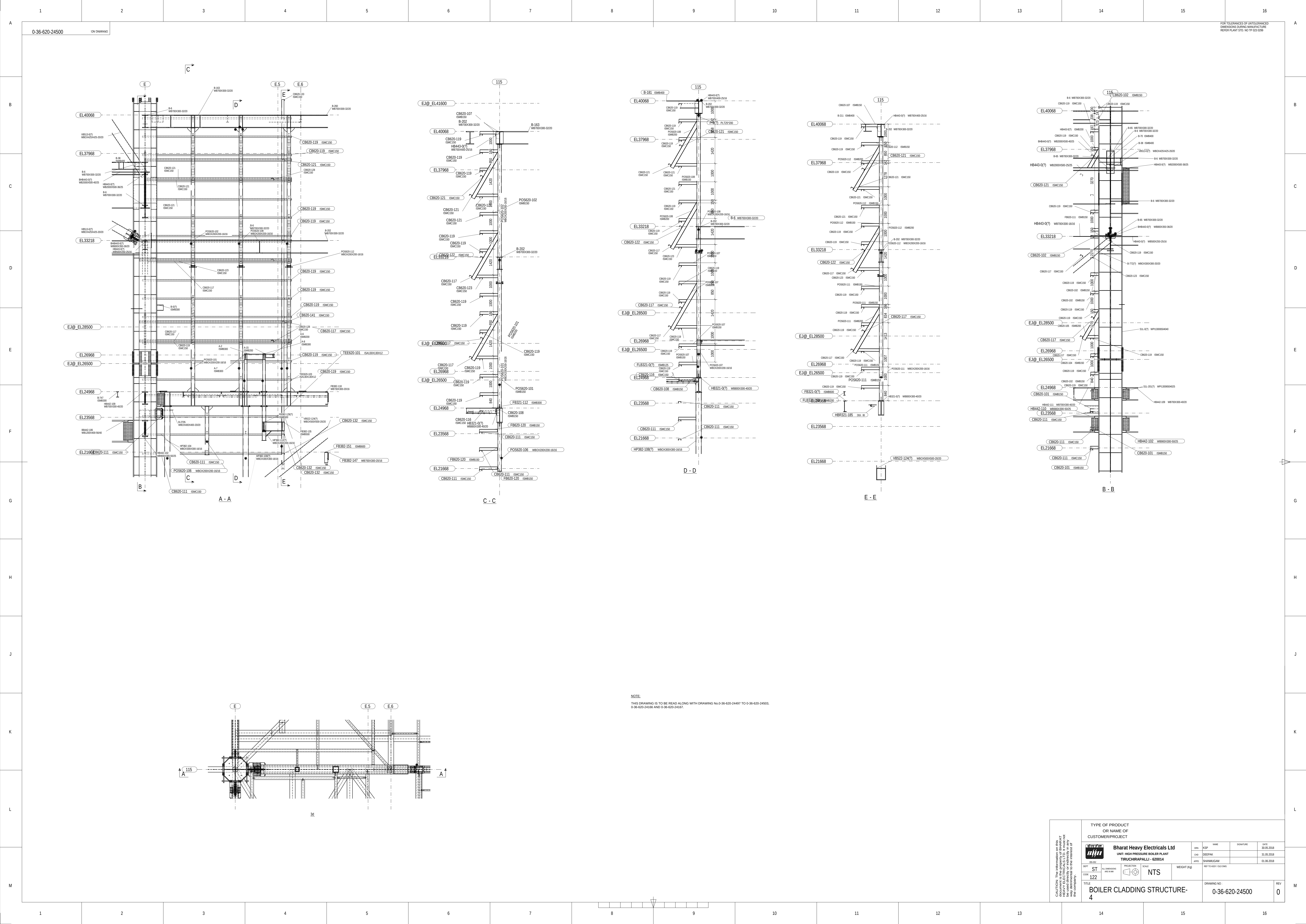








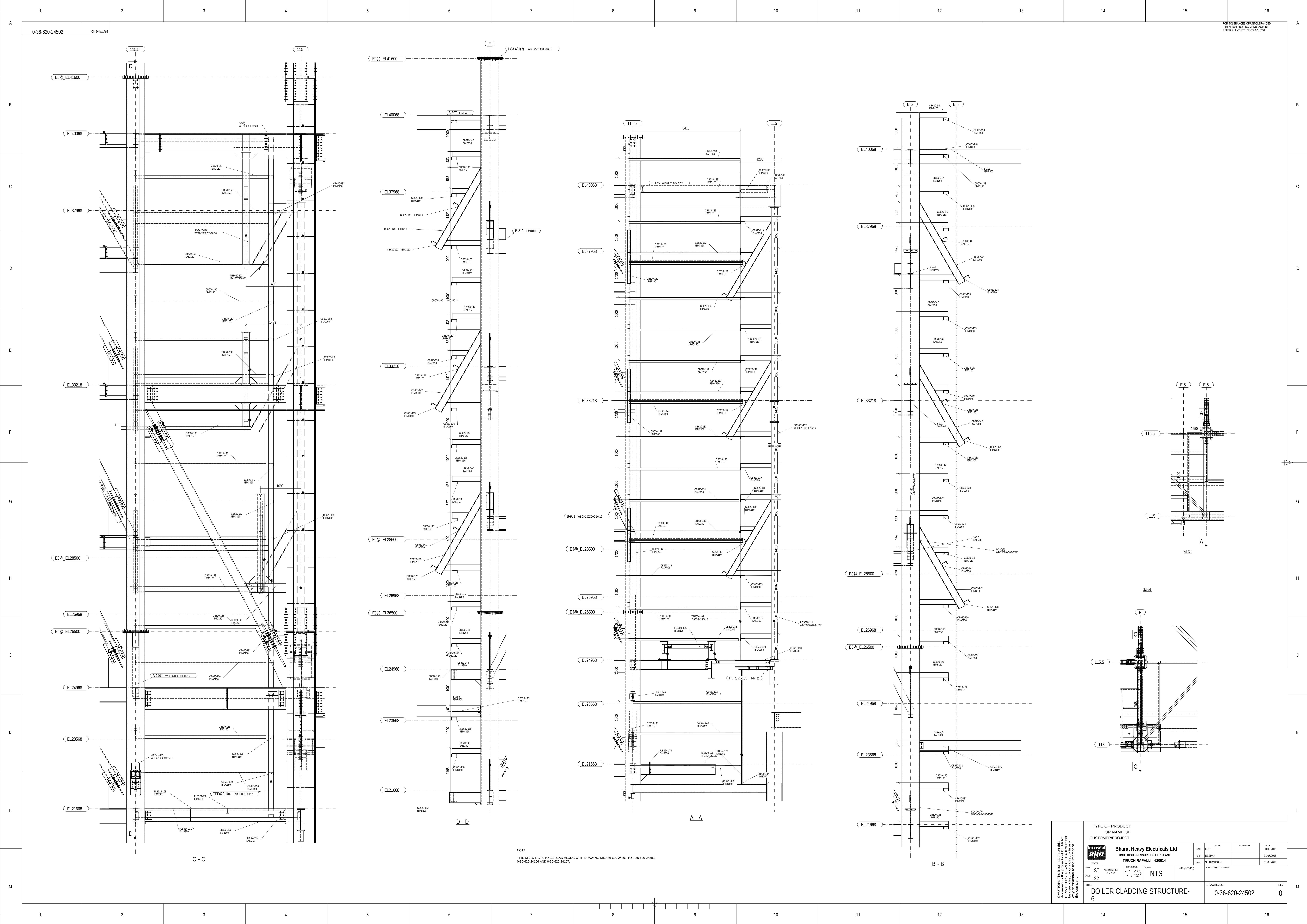
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPALLI - 620014		DATE 01.05.2018
DEPT ST	PROJ NTS	SCALE 1:1	WEIGHT (KG)	REV 0
DRAWING NO: 0-36-620-24499				

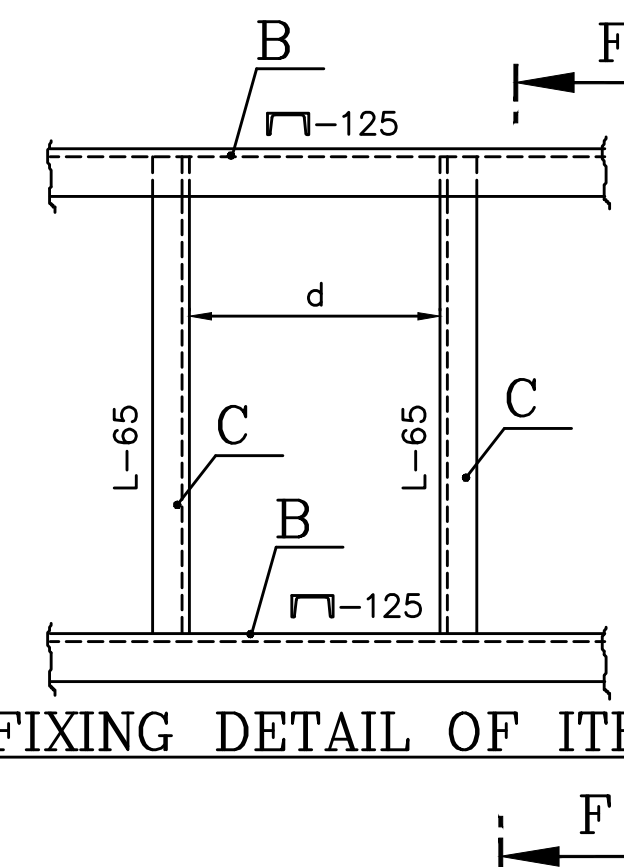
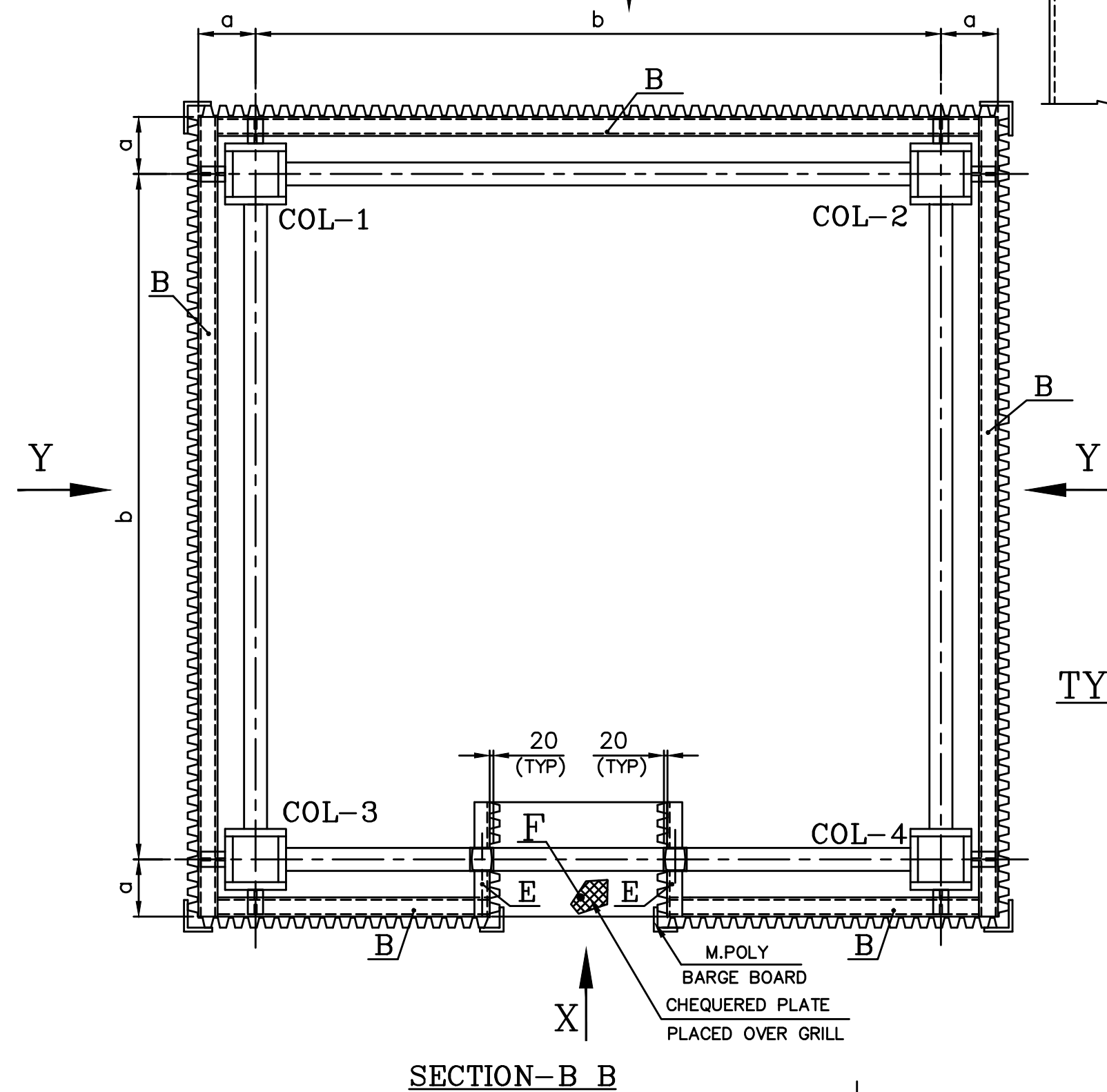
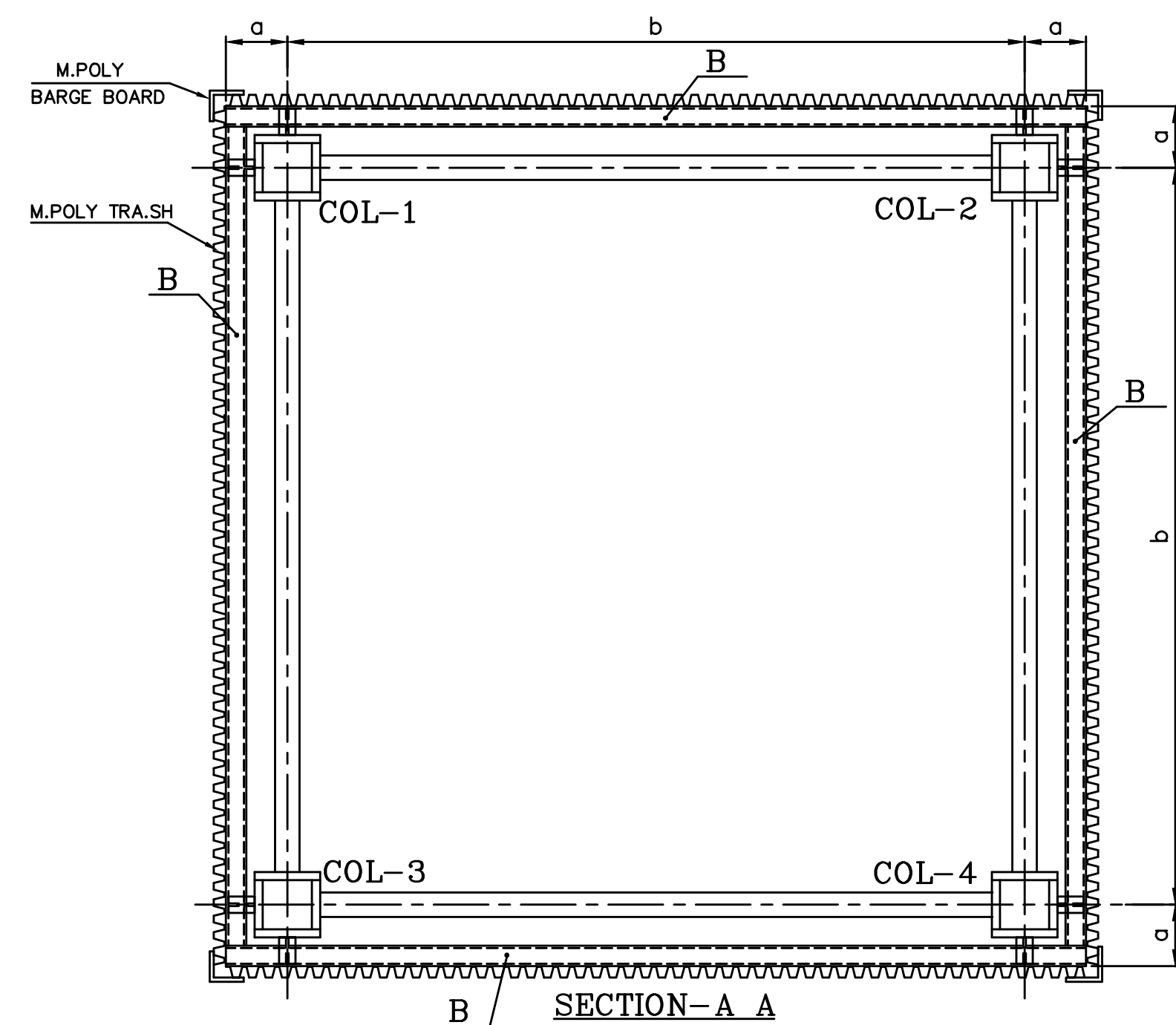
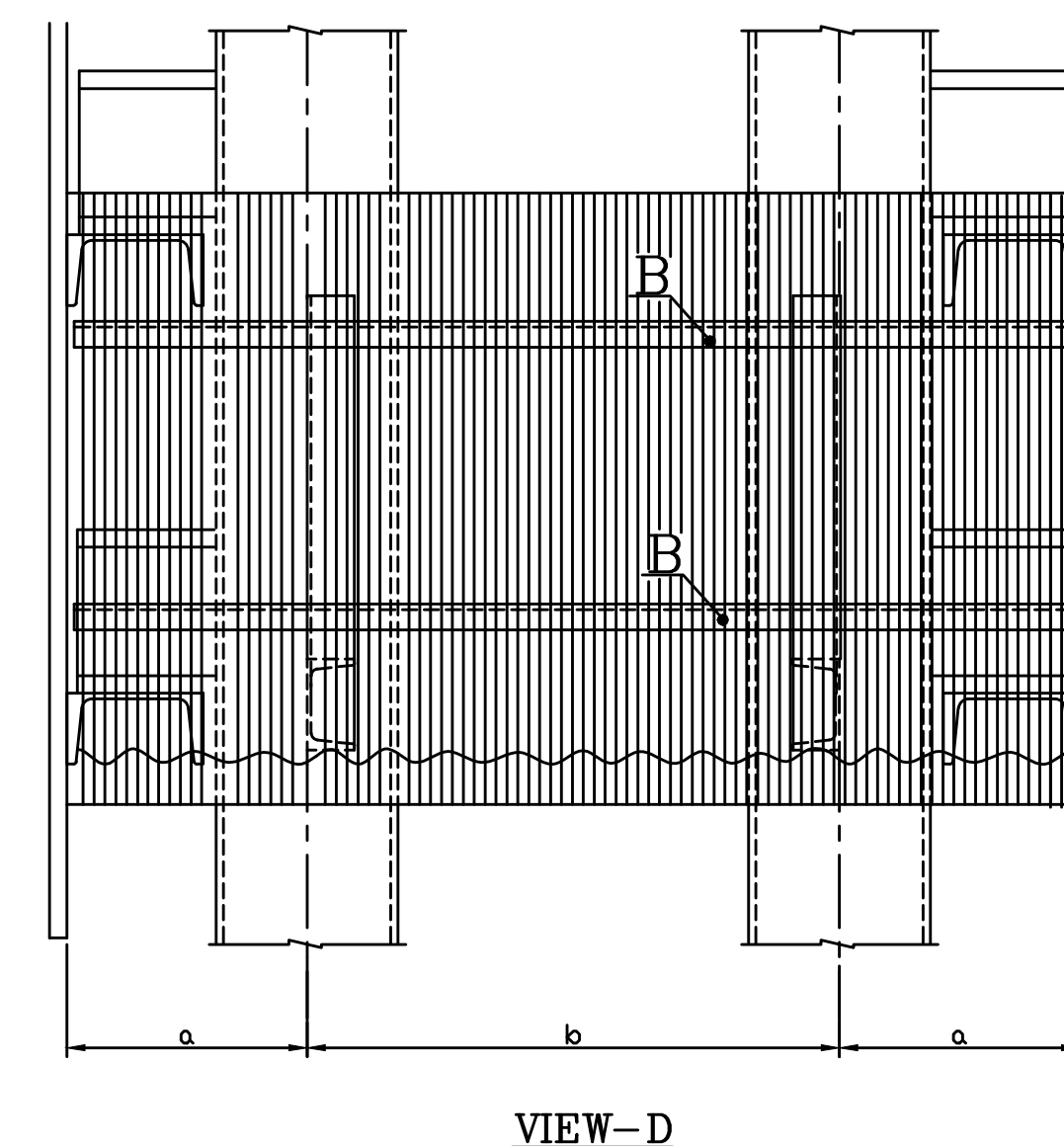
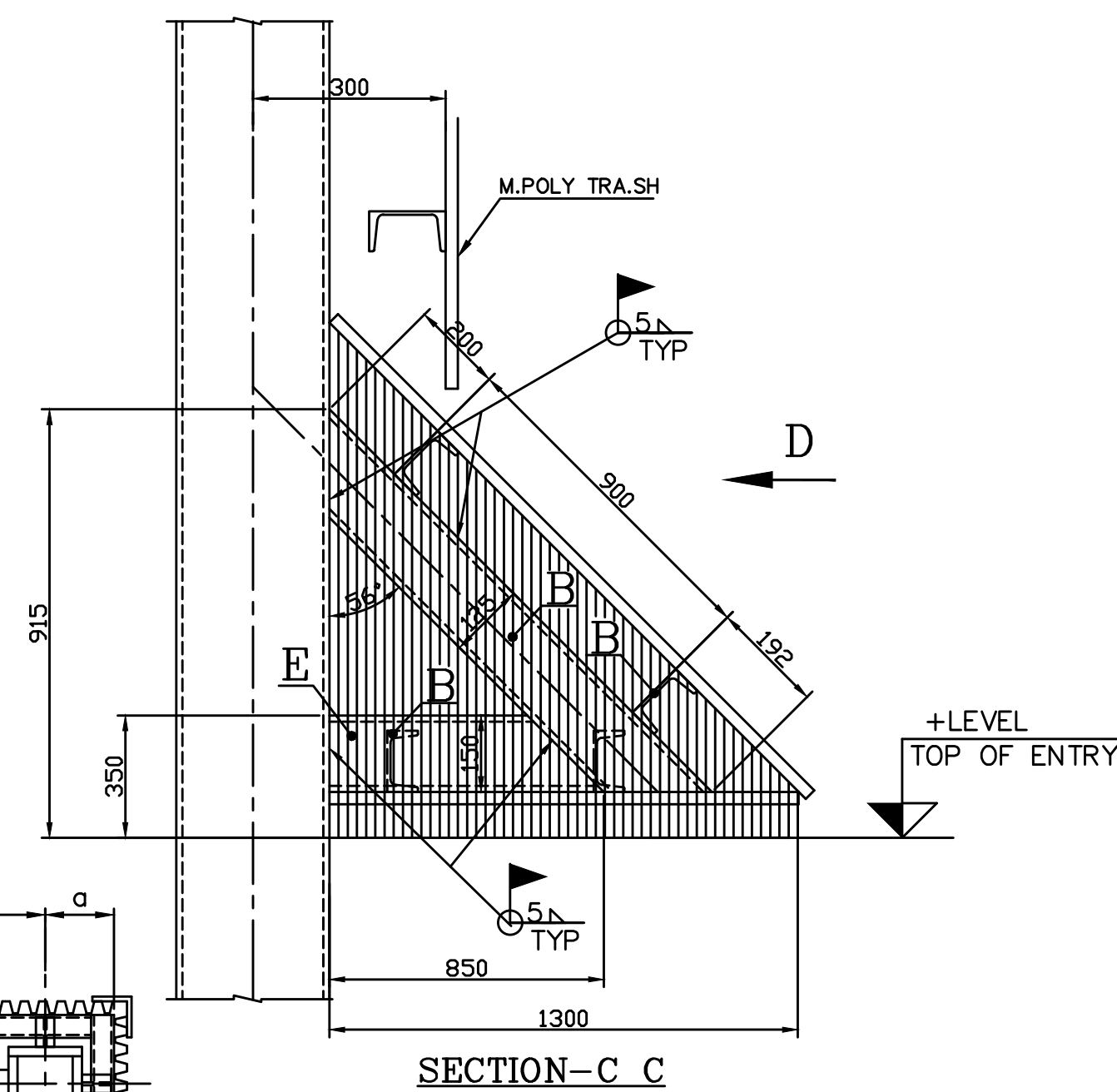
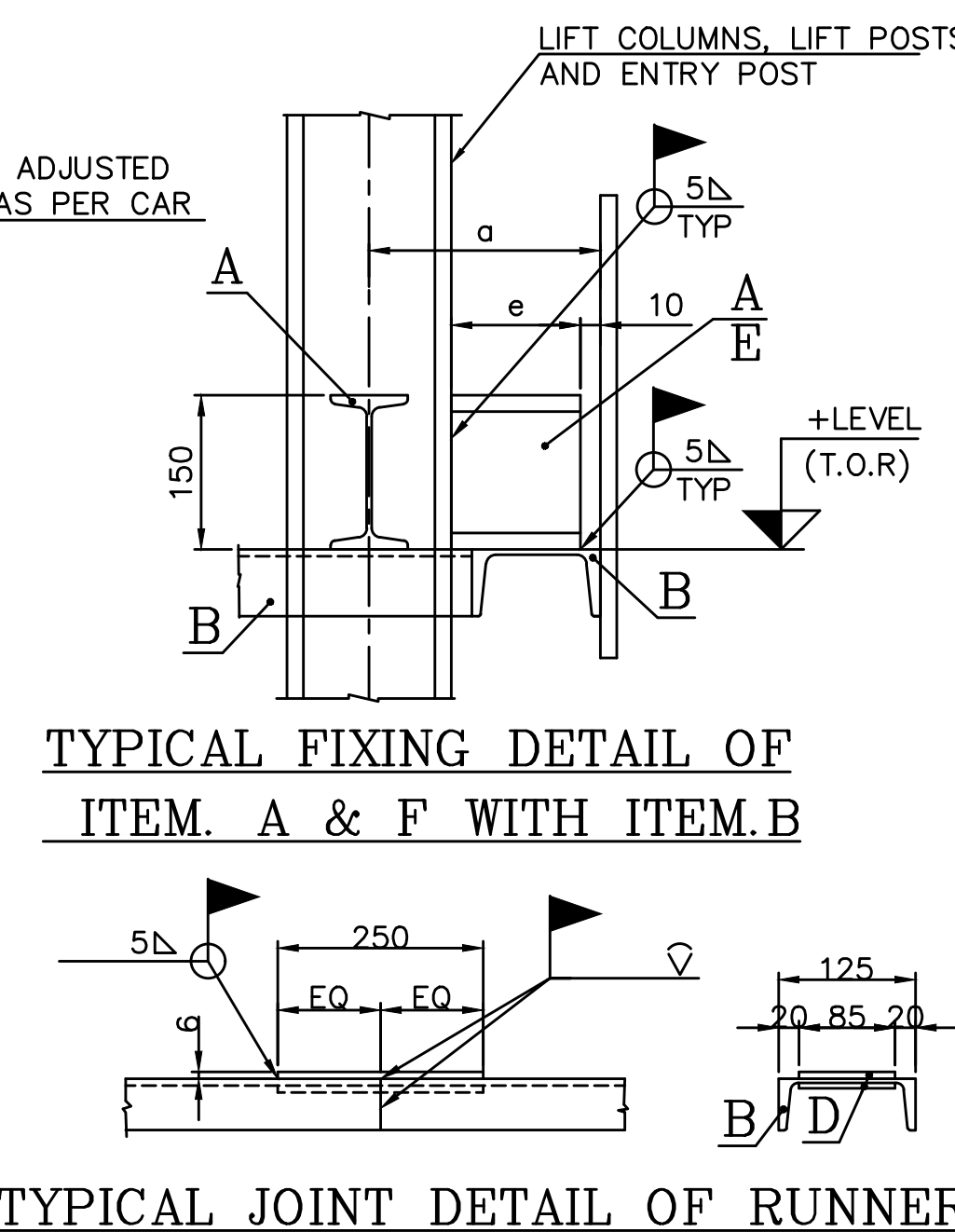
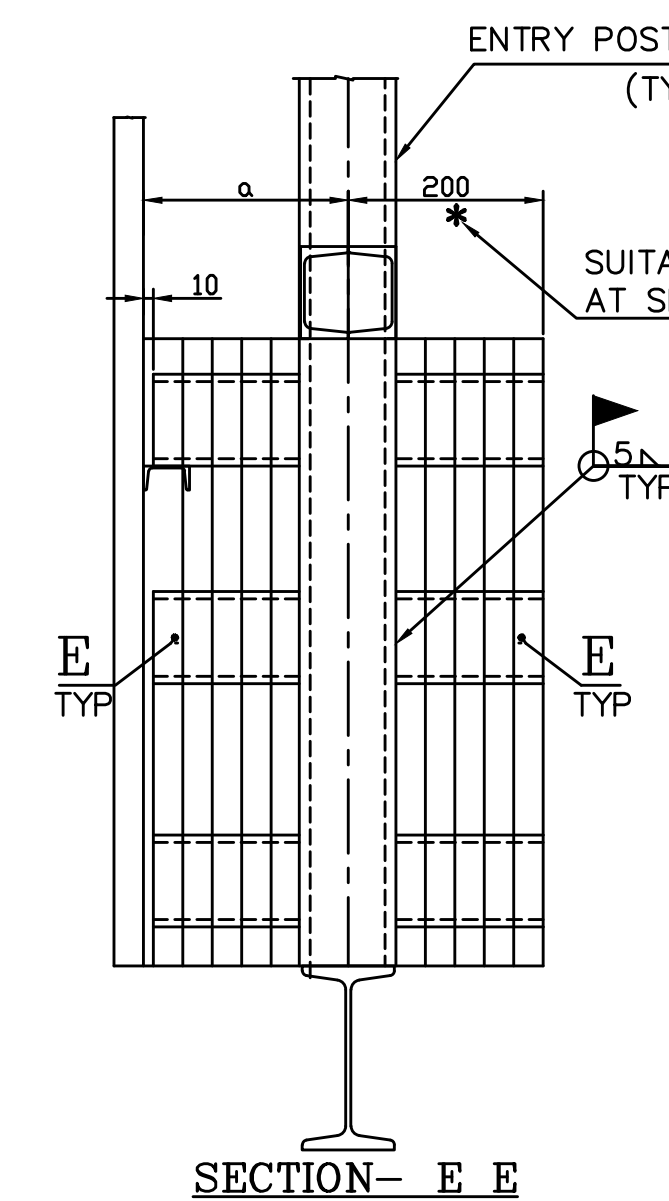
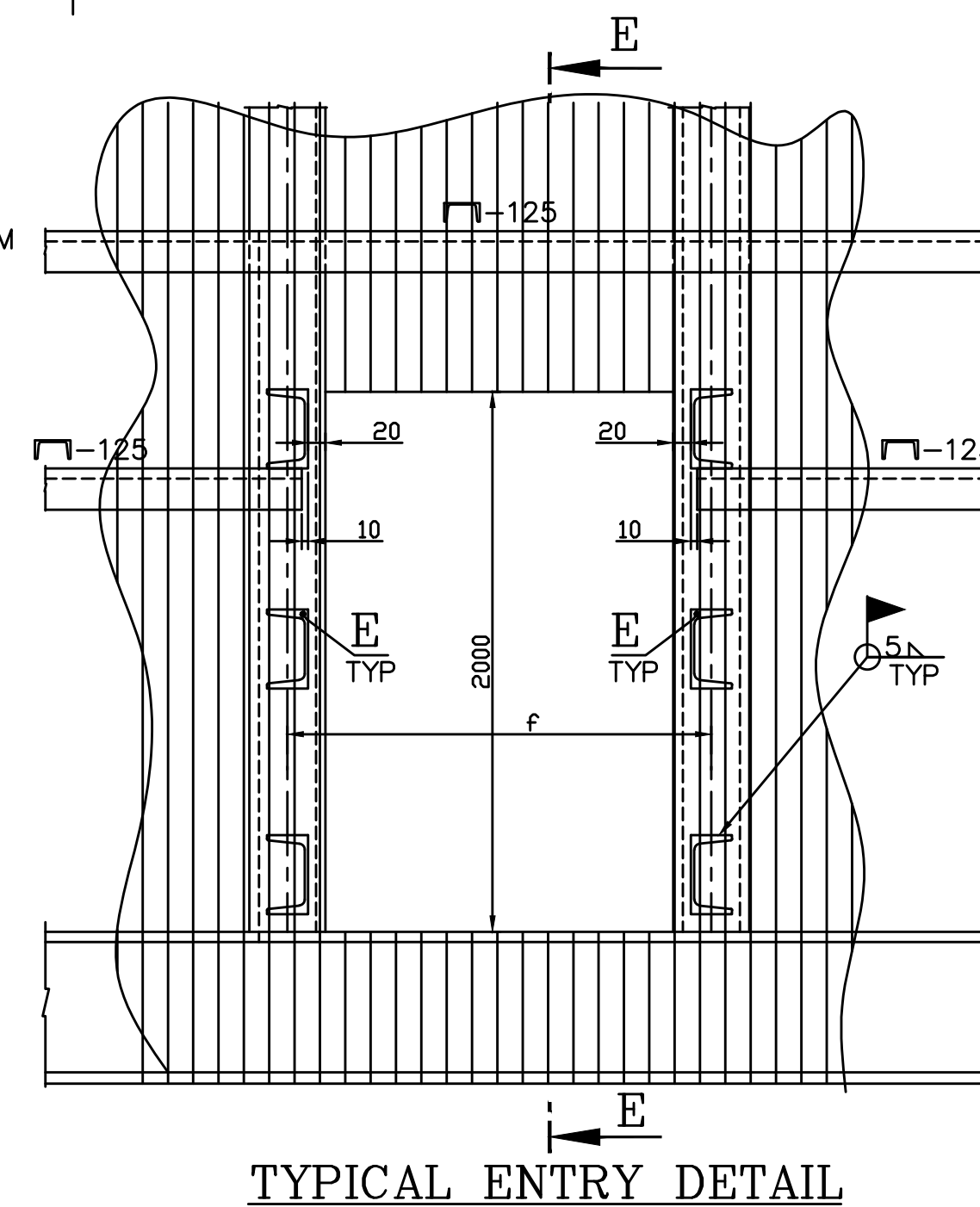
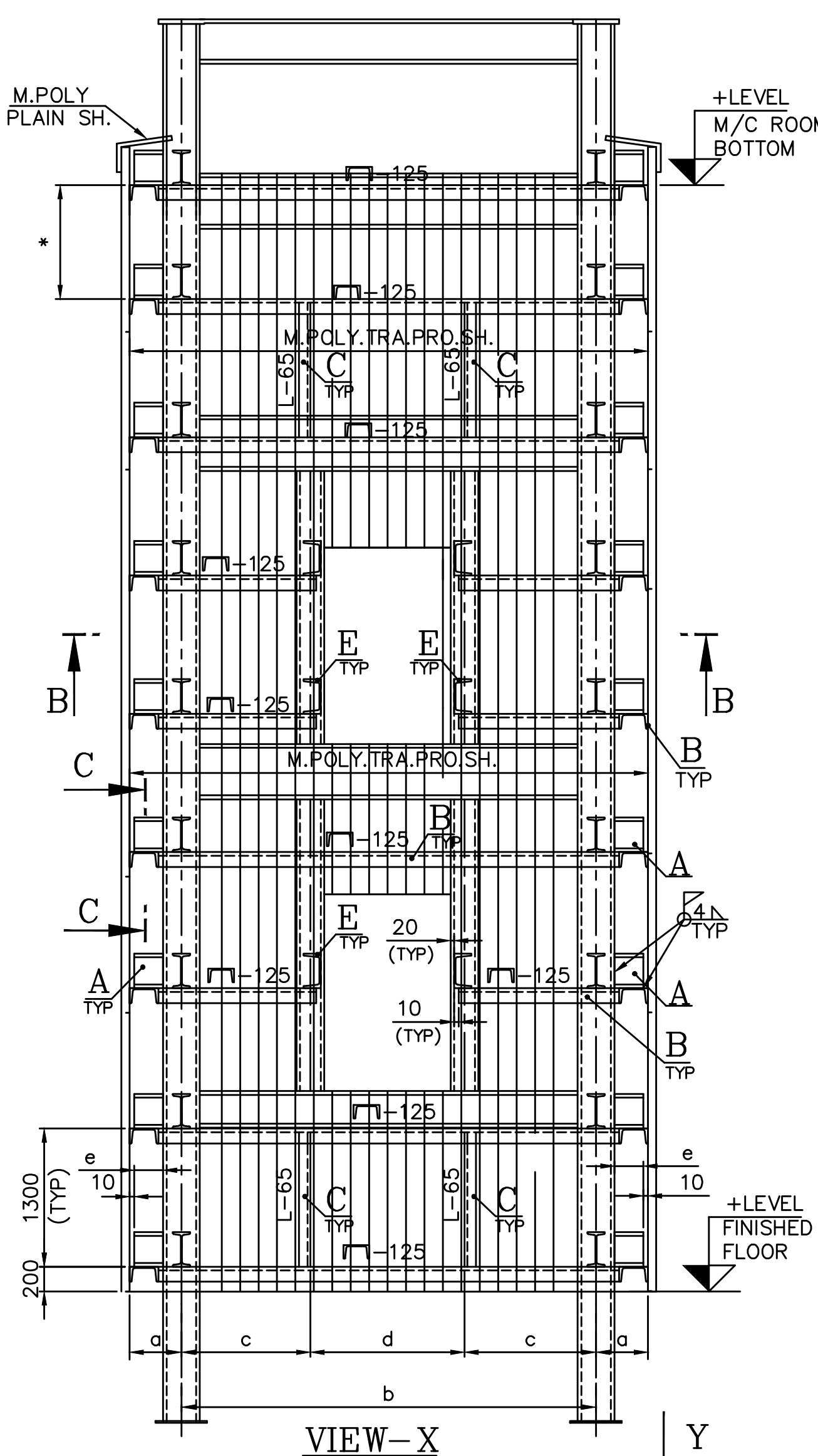
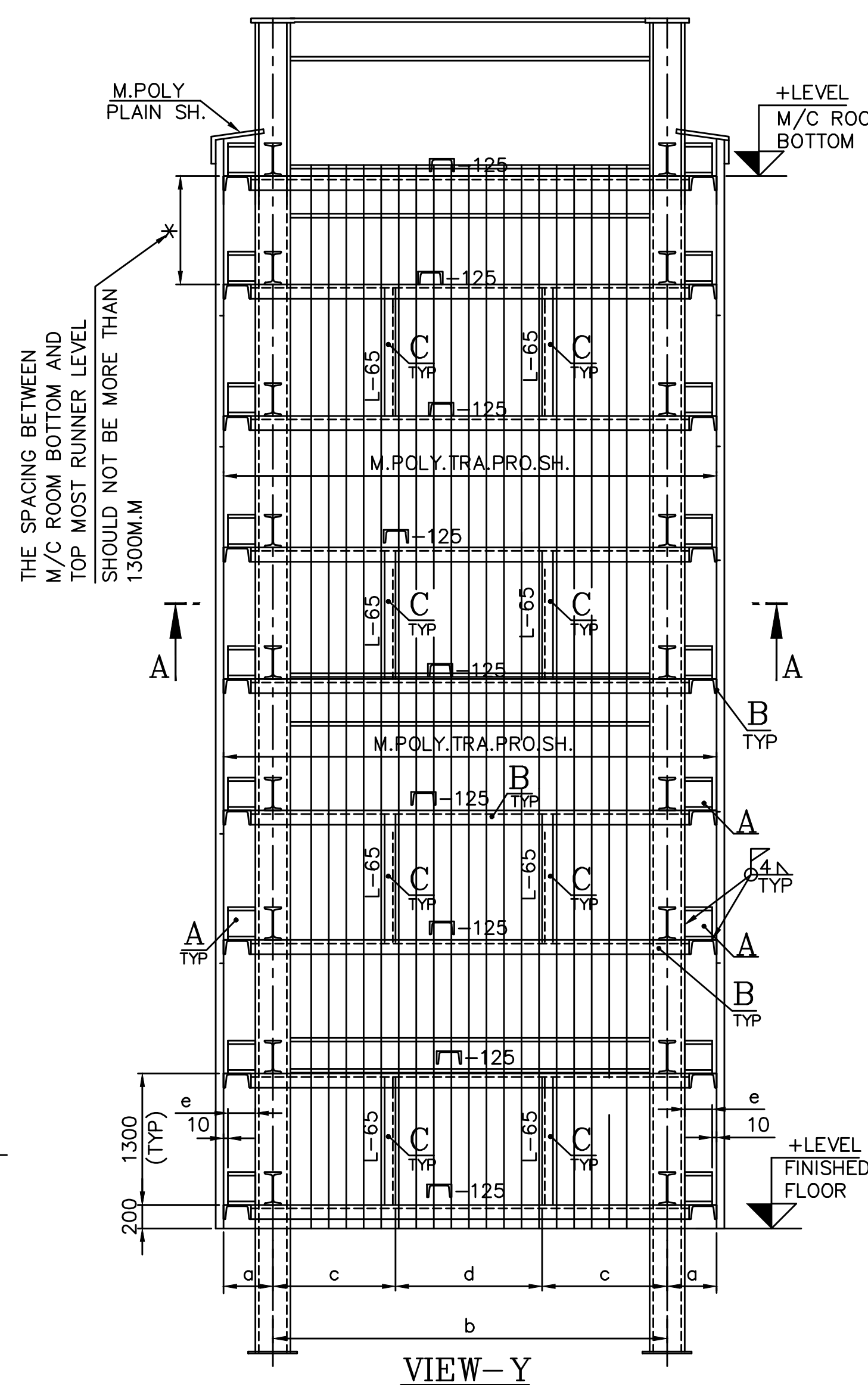


NOTE:
THIS DRAWING IS TO BE READ ALONG WITH DRAWING No.0-36-620-24497 TO 0-36-620-24503,
0-36-620-24166 AND 0-36-620-24167.

CAUTION: The information on this drawing is for reference only. It is not to be used for construction or manufacturing without the approval of the design engineer.

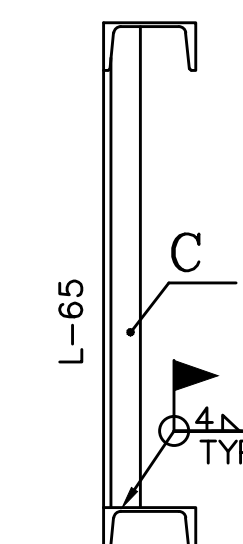
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT	Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPPALLI - 620014					CHN	NAME	SKETCHTYPE	DATE
	DEPT	ST	PROJECTION	SCALE	WEIGHT (KG)	REF TO 001/10.2 DWS			
	CODE	122	1ST	NTS					
	TITLE					DRAWING NO.		REV	
BOILER CLADDING STRUCTURE- 4					0-36-620-24500			0	





NOTES:—

01. THIS DRAWING IS TO BE READ ALONG WITH
DRG.No.2-38-610-07695.



SECTION—FF

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TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT	
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Bharat Heavy Electricals Ltd
UNIT: HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620014

DRN	NAME K.PRAKASH	SIGNATURE	DATE 22.09.201
CHD	Praveen		23.09.201
APPD	Shanmugam		23.09.201

DEPT ST	ALL DIMENSIONS ARE IN MM	PROJECTION 	SCALE
CODE			N T S

TITLE

LIFT SIDE CLADDING
STRUCTURAL ARRANGEMENT

	DRAWING NO :

1-38-610-03030

REV	
-----	--

DETAIL OF LIFT COLUMNS WITH STUB

ENTRY LEVEL
(T.O.F)

Sl.No.	LEVEL
01	+00.000M
02	+04.700M
03	+08.500M
04	+15.000M
05	+25.000M
06	+29.100M
07	+33.250M
08	+37.000M
09	+46.800M
10	+50.700M
11	+57.500M
12	+63.600M
13	+69.600M
14	+73.800M

COLUMNS	COLUMNS SIZE	a	b	c	d	e
DESI. LC1 TO LC4 LC5 TO LC8	WBOX-500X500	400	4000	1350	1300	140

ITEM	Nos.
A	01
B	02
C	03
D	04
E	05
F	06

LEGEND;—

(T.O.R) – TOP OF RUNNER

(B.O.SH) – BOTTOM SHEET

(T.O.SH) - TOP OF SHEET

NOTES:—

01. MATERIALS AND OTHER REQUIREMENTS ARE GIVEN PER BOILER ONLY.
02. MANUFACTURING REQUIREMENTS SHALL BE AS PER RELEVANT Q.C.P
03. ITEM Nos.01,02,03 & 05 ISSUED IN RMS SUITABLY CUT AND WELDED AT SITE.
04. ITEM No.02 ISSUED IN RMS LENGTH SHOULD NOT BE LESS THAN 5M.
04. THIS DRAWING IS TO BE READ ALONG WITH DRG.No. 1-38-610-03030.
05. FINISHED FLOOR LEVEL. -0.200M
06. PAINTING AREA:-1600 SQ.M
07. M/C ROOM BOTTOM LEVEL (APPROX.). . . +84.818M.
08. MATERIALS RELEASED IN THIS PGMA IS FOR BOTH LIFT LHS AND RHS.
09. CLOUD MARKED DIMENSION ARE TO BE DECIDED AT SITE AS PER THE DOOR SUPPORT POST DIMENSION RELESED IN PGMA: 38-510.

WELD TABLE

SIZE AND TYPE OF WELD	TYPE OF ELECTRODE	TOTAL LENGTH OF WELD IN M
4 	E7018	9.6
4 	E7018	22.7
6 	E7018	38.1

[illegible]

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TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT							
 355-054		Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPALLI – 620014		DRN	NAME KARTHIK	SIGNATURE	DATE 23.07.2018
				CHD	P.VENKATAPRASAD		24.07.2018
				APPD	S.YUVARAJ		24.07.2018
DEPT ST	ALL DIMENSIONS ARE IN MM		SCALE N.T.S	WEIGHT (Kg)	REF TO ASSY / OLD DWG		
CODE 122							
TITLE LIFT SIDE CLADDING DETAILS					DRAWING NO : 2-38-610-08756		REV

REV 01	DATE	ALTERED : CHD & APPD :
ZONE		