DRG. No.	REV
PDJ 155/STR 5001	0
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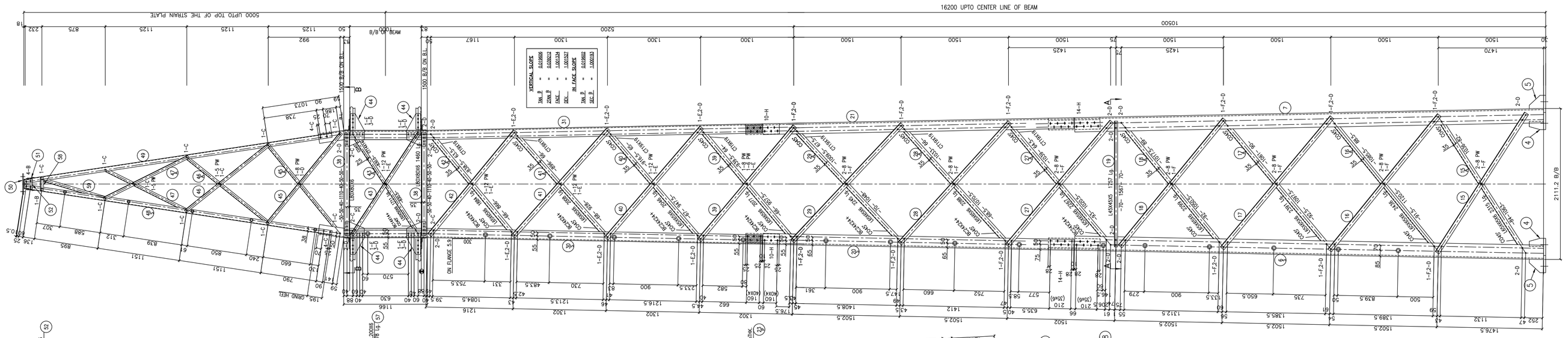
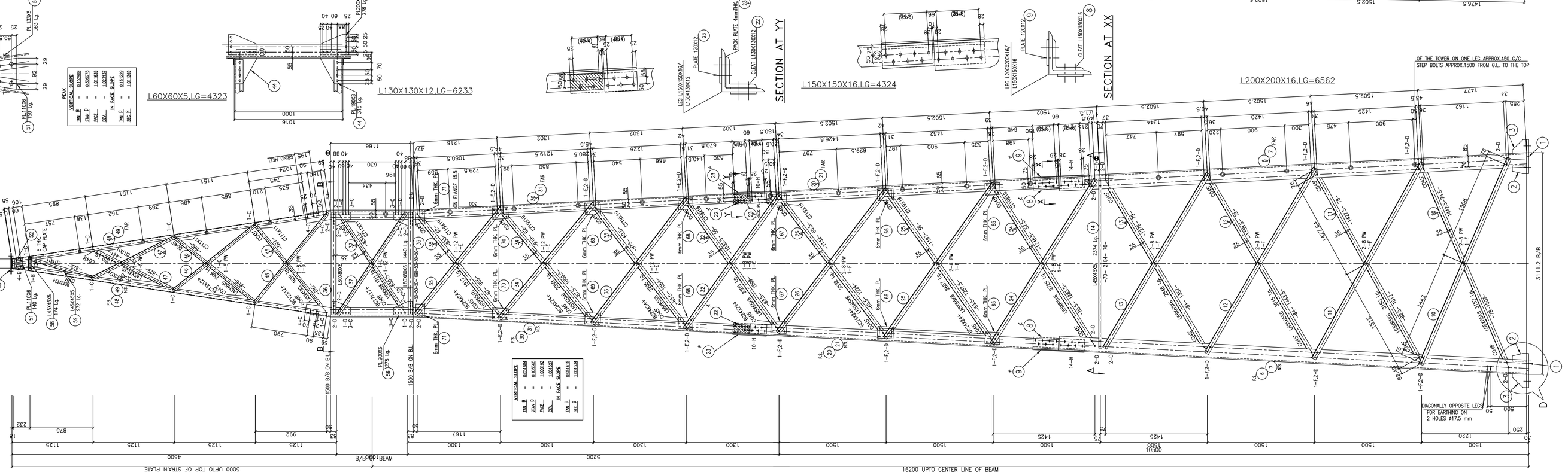
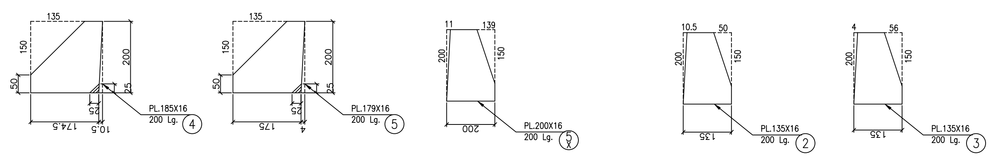
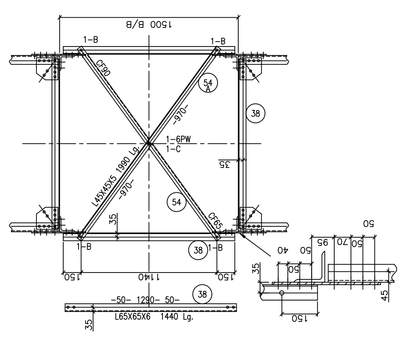
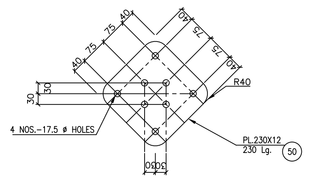




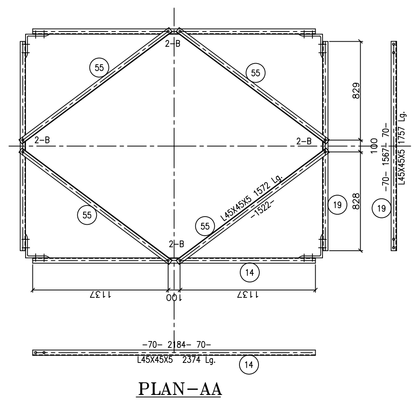




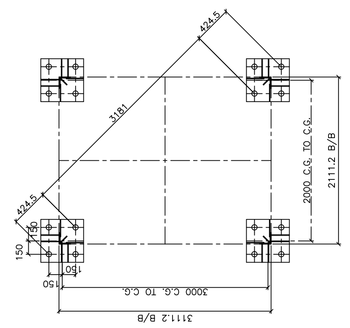
PLAN–BB



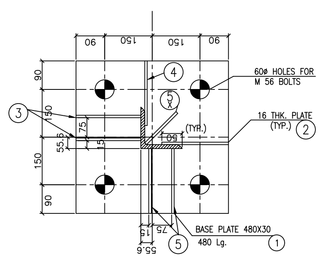
TOP PLATE



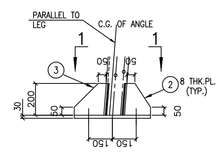
PLAN–AA



KEY PLAN AT BASE



VIEW 1–1



DETAIL AT D

BOLTS AND NUTS STATEMENT				
TYPE	SIZE (IN MM)	QUANTITY		
B	ø 16X35	32		
C	ø 16X40	117		
D	ø 16X45	300		
E	ø 16X50	52		
F	ø 16X55	76		
G	ø 16X60	–		
H	ø 16X65	192		
J	ø 16X70	–		
K	ø 16X75	–		
L	ø 16X80	–		
SPRING WASHERS		769		
30 O.D. PACKING WASHERS ø 17.5 MM				
5 mm		8		
6 mm		5		
8 mm		64		
12 mm		16		
STEP–BOLTS ø 16 mm X 150mm		41		

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER.
2. ALL MEMBERS SHALL BE HOT DIP GALVANISED AS PER IS:2629–1985 & THE WEIGHT OF ZINC COATING SHALL BE MINIMUM 0.610 KG/SQM.ON STRUCTURAL MEMBERS..
3. MINIMUM SECTIONS TO BE USED SHALL BE L45X45X5.
4. ALL HOLES ARE 17.5 DIA.FOR M16 BOLTS UNLESS SPECIFIED.
5. THE STRUCTURAL STEEL TO BE USED SHALL CONFORM TO IS:2062.
6. ALL THE NUT & BOLTS SHALL CONFORM TO IS:6639–1972 OF PROPERTY CLASS 5.6.
7. ALL WASHERS SHALL CONFORM TO IS:5369,IS:5370,AND IS:5372.
8. FABRICATION AND ERECTION SHALL CONFORM TO IS:802.

REV NO.	DATE	DESCRIPTION	CHKD	APPD
0	11.06.09	ISSUED FOR APPROVAL	A.K.	A.K.S.

LOA No : F.DTL/201/2008–09/OPR/DGM(T)SSC.II/F–43/107 DT.: 25.08.08

TENDER NO: DGM(T) SSC–II/06–07/T–03

PROJECT : ESTABLISHMENT OF 400/220/66kV S/S AT MUNDKA, DELHI

SCALE : 1:50@A1

TITLE : STRUCTRAL DETAILS OF 220kV TOWER MKD 'A2 & B2' 400/220/66kV SUBSTATION AT MUNDKA, DELHI

	NAME	SIGN
DSND		
DRWN		
CHKD		
APPD		

DRG. No. PDJ 155/STR 5001 REV. 0

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CAD No.Drg.By–Vijay