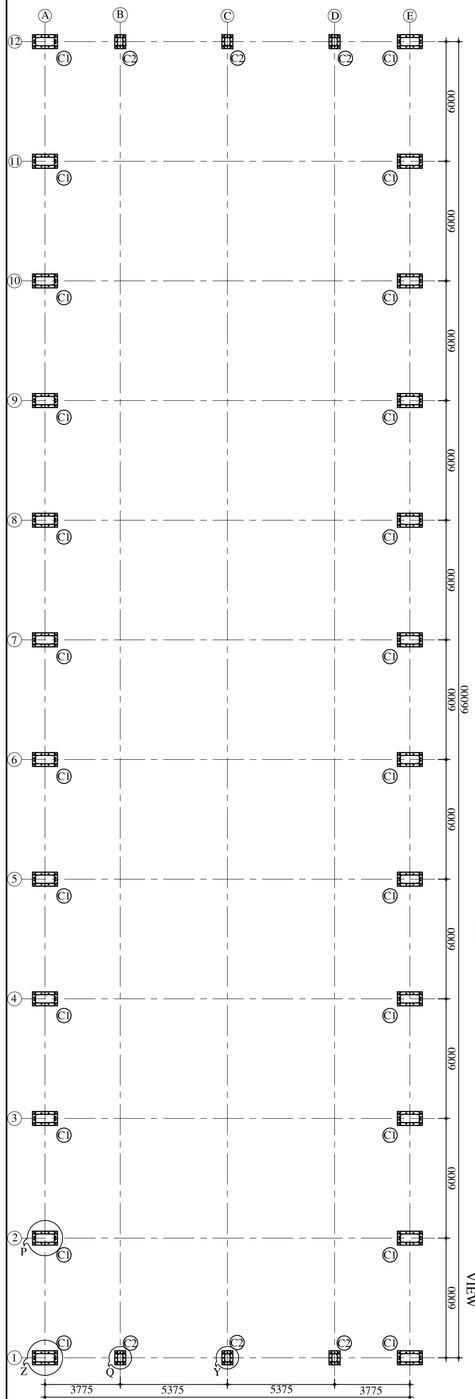
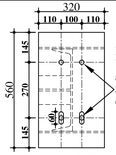


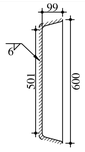
FRAMING PLAN AT PEDESTAL TOP (+1.0 m) LEVEL
(SCALE:- 1:155)

PL- 17 (10 THICK)
(SCALE: - 1:15)

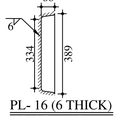


PL- 14 (16 THICK)
(SCALE: - 1:15)

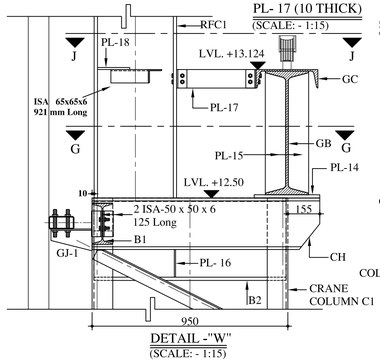
NOTE:- ISMC 400, CH AND B2 ARE TO BE WELDED WITH PLATE BOTTOM USING FILLET WELD OF 8 mm SIZE



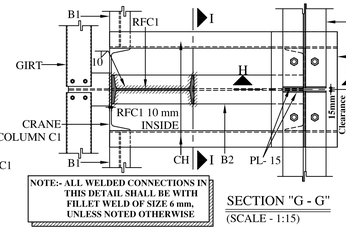
PL- 15 (6 THICK)
(SCALE: - 1:15)



PL- 16 (6 THICK)
(SCALE: - 1:15)

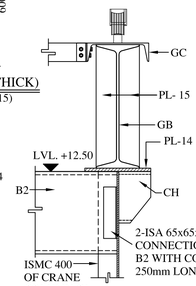


DETAIL -"W"
(SCALE: - 1:15)

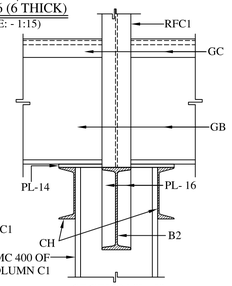


NOTE:- ALL WELDED CONNECTIONS IN THIS DETAIL SHALL BE WITH FILLET WELD OF SIZE 6 mm, UNLESS NOTED OTHERWISE

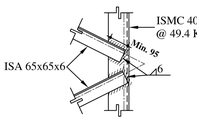
SECTION "G - G"
(SCALE - 1:15)



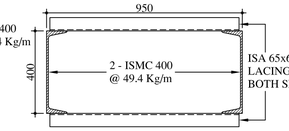
SECTION "H - H"
(SCALE - 1:15)



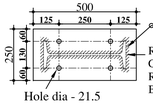
SECTION "I - I"
(SCALE - 1:15)



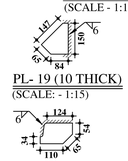
DETAIL -"V"
(SCALE: - 1:15)



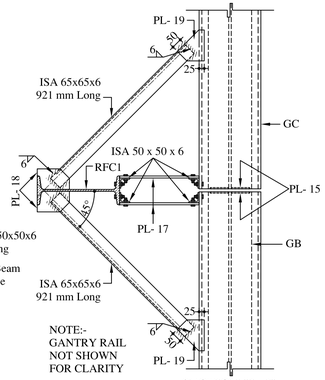
SECTION "F - F" (COLUMN C1)
(SCALE: - 1:15)



PL- 13 (14 THICK)
(SCALE: - 1:15)

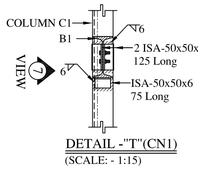


(SCALE: - 1:15)

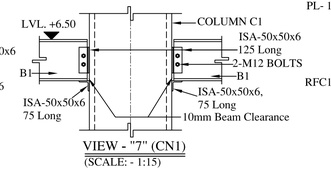


NOTE:-
GANTRY RAIL
NOT SHOWN
FOR CLARITY

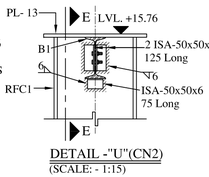
SECTION "J - J"
(SCALE - 1:15)



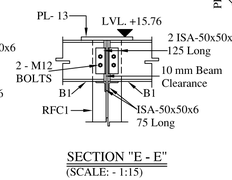
DETAIL -"T"(CN1)
(SCALE: - 1:15)



VIEW - "7" (CN1)
(SCALE: - 1:15)



DETAIL -"U"(CN2)
(SCALE: - 1:15)



SECTION "E - E"
(SCALE: - 1:15)

PL- 10 (6 THICK)
(SCALE: - 1:15)

PL- 9 (6 THICK)
(SCALE: - 1:15)

DETAIL -"R" (GJ-1)
(SCALE: - 1:15)

VIEW -"5" (GJ-1)
(SCALE: - 1:15)

PL- 12 (6 THICK)
(SCALE: - 1:15)

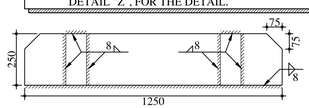
PL- 11 (6 THICK)
(SCALE: - 1:15)

DETAIL -"S" (GJ-2)
(SCALE: - 1:15)

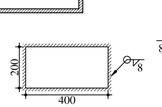
VIEW -"6" (GJ-2)
(SCALE: - 1:15)

DETAIL -"X" (TYP. SPLICE DETAIL SJ-1)
(SCALE: - 1:15)

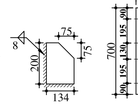
NOTE:- FOR COLUMN C1 AT ALL FOUR CORNERS, GJ-1 SHALL BE PROVIDED ON BOTH OUTER FACES. REFER DRG. NO. 768.6B DETAIL "Z", FOR THE DETAIL.



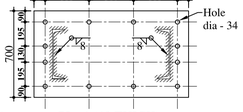
PL- 1 (16 THICK)
(SCALE: - 1:15)



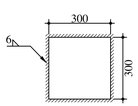
PL- 2 (16 THICK)
(SCALE: - 1:15)



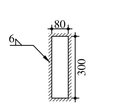
PL- 3 (16 THICK)
(SCALE: - 1:15)



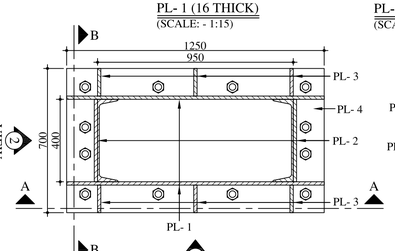
PL- 4 (40 THICK)
(SCALE: - 1:25)



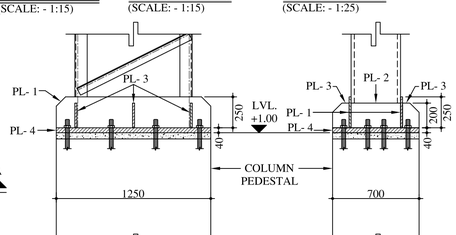
PL- 20 (10 THICK)
(SCALE: - 1:15)



PL- 21 (10 THICK)
(SCALE: - 1:15)



DETAIL -"P" (COLUMN C1)
(SCALE: - 1:15)



SECTION "A - A"
(SCALE: - 1:25)

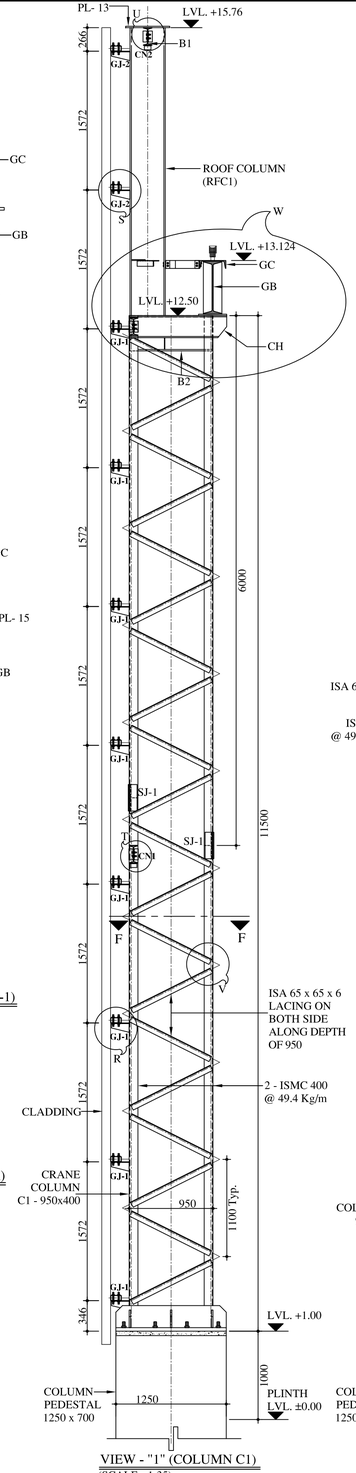
SECTION "B - B"
(SCALE: - 1:25)

MEMBER SECTION SCHEDULE :-

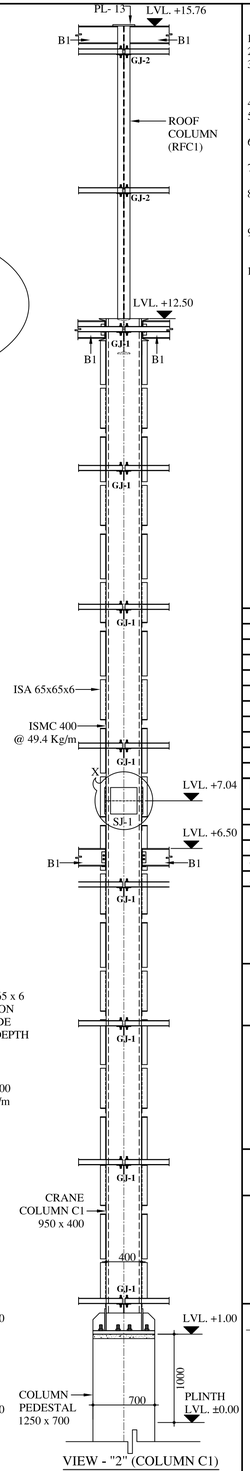
MEMBER NO.	SECTION	WEIGHT
RFC1	ISMB 400	61.6 Kg/m
CH	ISMC 250	30.4 Kg/m
B1	ISMB 200	25.4 Kg/m
B2	ISMB 400	61.6 Kg/m

GANTRY GIRDER SCHEDULE :-

MEMBER NO.	SECTION	WEIGHT
GB	ISMB 600	122.6 Kg/m
GC	ISMC 300	35.8 Kg/m



VIEW - "1" (COLUMN C1)
(SCALE:- 1:35)



VIEW - "2" (COLUMN C1)
(SCALE:- 1:35)

NOTES:-

1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN m.
2. DIMENSIONS ARE TO BE READ AND NOT MEASURED.
3. ALL STRUCTURAL STEEL ROLLED SECTIONS AND PLATES SHALL CONFORM TO LATEST REVISION OF IS : 226 AND IS : 2062.
4. WELDING SHALL CONFORM TO IS : 816 & IS 9595
5. ALL ELECTRODES SHALL CONFORM TO IS : 814 (PART - I)
6. ALL M.S. FITTED BOLTS AND NUTS SHALL CONFORM TO IS : 3694
7. WASHERS SHALL CONFORM TO IS : 5369, IS : 5370, IS : 5372 OR IS : 5374
8. ALL WELDING SHALL BE FILLET WELD OF SIZE SPECIFIED AND WELDING TO BE DONE ALL AROUND THE SECTION, UNLESS NOTED OTHERWISE.
9. ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER IN CHARGE, BEFORE FURTHER PROGRESS OF THE WORK.
10. REFER DRG. NO. 768.6B ALONG WITH THIS DRAWING

REV. NO.	REV. DATE	REVISION DETAILS	APPD. BY

	NAME	SIGN	DATE
DRAWN BY:-			
CHECKED BY:-			
APPROVED BY:-			

PRINCIPAL CLIENT :-

ARCHITECT:-

PROJECT TITLE:-

DRG. NO.

DRAWING TITLE:-
COLUMN AND GANTRY GIRDER DETAILS - COLUMN C1 (REV.1)

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