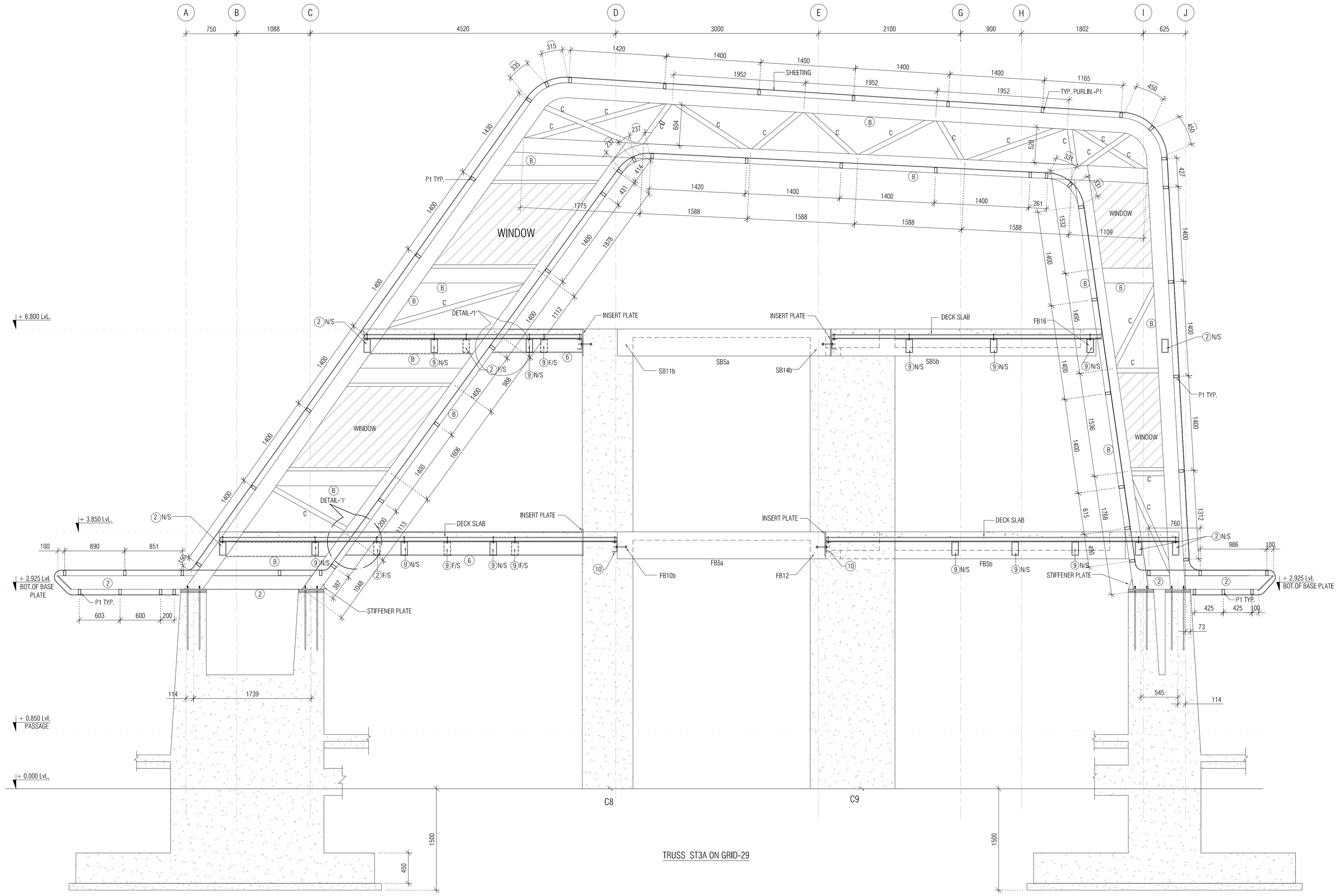


TRUSS ST3A ON GRID-29

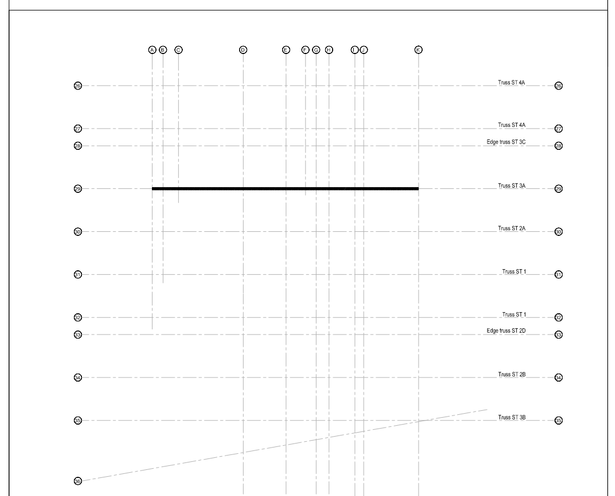
REFER SECTION:S24-S24 OF ST-46

REFER SECTION:S12-S12 OF ST-45

SCHEDULE OF BEAM MEMBER			
MRAK	MEMBER SIZE	FY GRADE	
1	2-ISMB 300	FY 250	
2	200x100x8 RHS	FY 310	
3	ISMB 250	FY 250	
4	300x150x8 RHS	FY 310	
5	120x240x8 RHS	FY 310	
6	2-ISMC 350 BACK TO BACK	FY 250	
7	200x300x10 RHS	FY 310	
8	ISMB 300	FY 250	
9	100 x 200 x 4 RHS	FY 310	
10	ISMC - 150	FY 250	

SCHEDULE OF TRUSS MEMBER			
MRAK	MEMBER SIZE	FY GRADE	
A	150x150x6 SHS	FY 310	
B	220x220x10 SHS	FY 310	
C	72x72x4 SHS	FY 310	
D	100x100x4 SHS	FY 310	
E	25 Ø ROD	FY 250	
P1	80x40x4 RHS	FY 310	

F/S = FAR SIDE
N/S = NEAR SIDE
B/S = BOTH SIDE



CONTROL CENTER KEY PLAN

STEEL STRUCTURAL NOTE:-

1. ANCHOR BOLTS ARE AS PER IS : 2062, OR EQUIVALENT FY 250 mpa
2. FOR LOCATION & REFERENCE POINT REFER ARCHITECTURAL DRAWING.
3. STRUCTURAL STEEL SHALL CONFIRM TO IS:2062
4. WELDING SHALL CONFIRM TO IS:816 & IS:9595. WELDING SYMBOLS AS PER IS:813.
5. FABRICATION AND ERECTION SHALL CONFORM TO THE PROCEDURE DOWN IN IS:800.
6. BOLTS AND NUTS SHALL CONFORM TO IS:1367, PROPERTY CLASS 8.8.
7. ELECTRODES SHALL BE FROM APPROVED MANUFACTURER AND SHALL CONFORM TO IS:814.
8. M.S. TUBES SHALL CONFORM TO IS:1239.
9. ALL HOLLOW SECTION MEMBER SHALL BE OF FY 310 GRADE AND
*1"BEAM CHANNEL, ANGLE SECTION SHALL BE FY 250 GRADE.
10. FOR LAYOUT REFER DRAWING NO.ST48,ST50.

GENERAL NOTES

- ALL DIMENSIONS ARE IN MM. & TO BE VERIFIED WITH ARCH. DWG.
- ANY DISCREPANCY IN DRAWING SHALL BE BROUGHT TO THE NOTICE OF DESIGN ENGINEER.
- APPROVED MIX CONCRETE DESIGN OF GRADE M:20 SHOULD BE USED UNLESS SPECIFIED.
- Fe 415 REINFORCEMENT (TMT BARS) SHOULD CONFIRM IS:1786-2000.
- CLEAR COVER TO REINFORCEMENT SHALL BE 25mm IN BEAM 20mm IN SLABS , 40mm INCOLUMN,50mm IN FOOTING .
- FOR INSERT PLATE DETAIL REFER INSERT PLATE SCHEDULE IN DRG. NO. ST-63
- FOR STEEL COLUMN TO BEAM AND STEEL BEAM TO BEAM CONNECTION REFER TYP. CONNECTION DETAIL DRAWING ST-62 TO ST-65
- FOR DECK SLAB DETAIL SECTION A1 TO A8 REFER DRAWING NO ST-66

PRINT SCHEDULE

DATE	NO. OF PRINT	CLIENT	CONTRACTOR	PMC	OTHERS

REVISION

DATE	DESCRIPTION	DRAWN BY
12-06-2014	ISSUED FOR EXECUTION	Nikhil

GOOD FOR CONSTRUCTION

DRAWING TITLE :

CONTROL CENTER
TRUSS SECTION ON GRID - 29

SCALE: N.T.S (A1) DATE : 12-06-2014

DRAWN BY : NIKHIL

D.W.C.
ST-55

R 1

CONSULTANTS

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