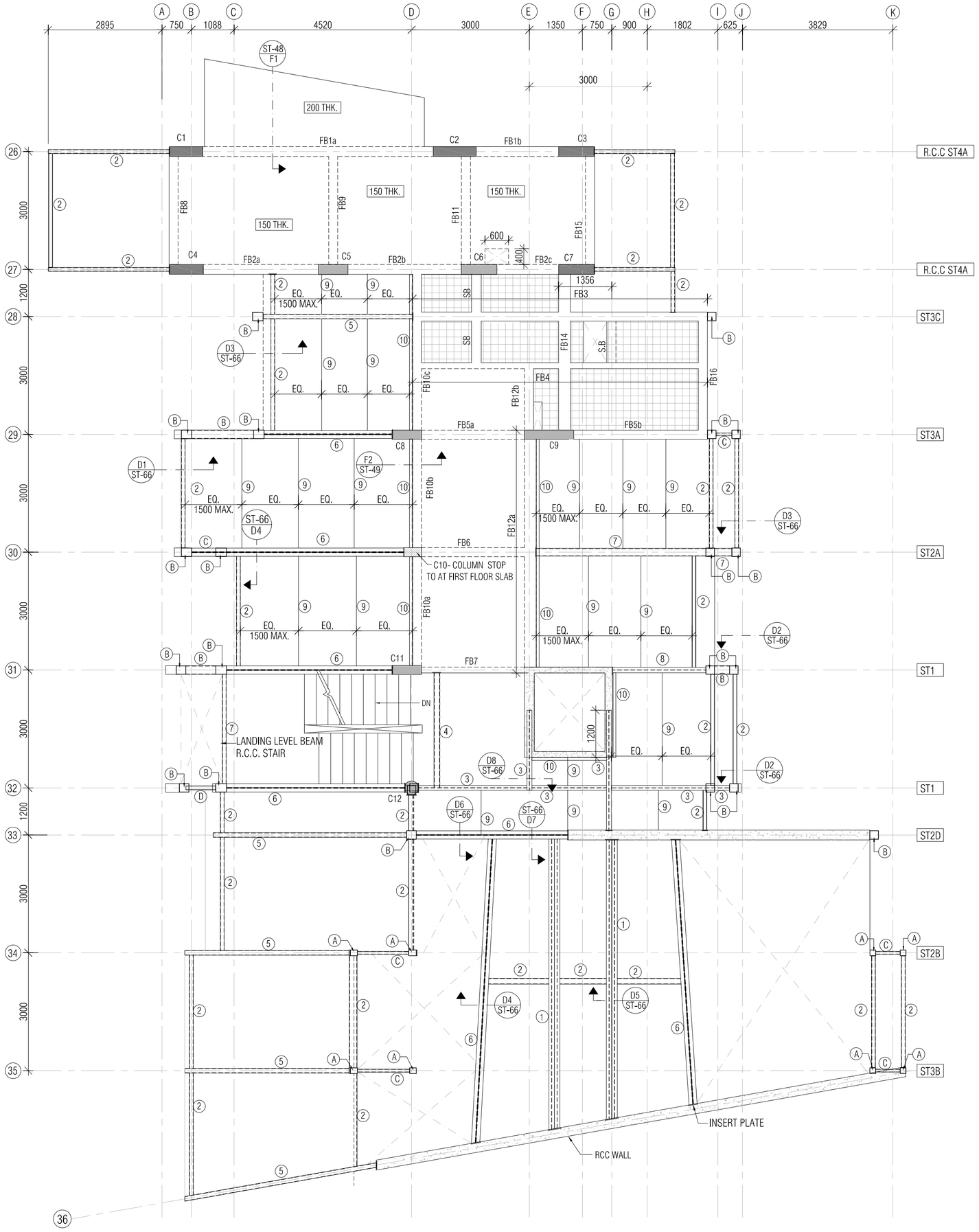
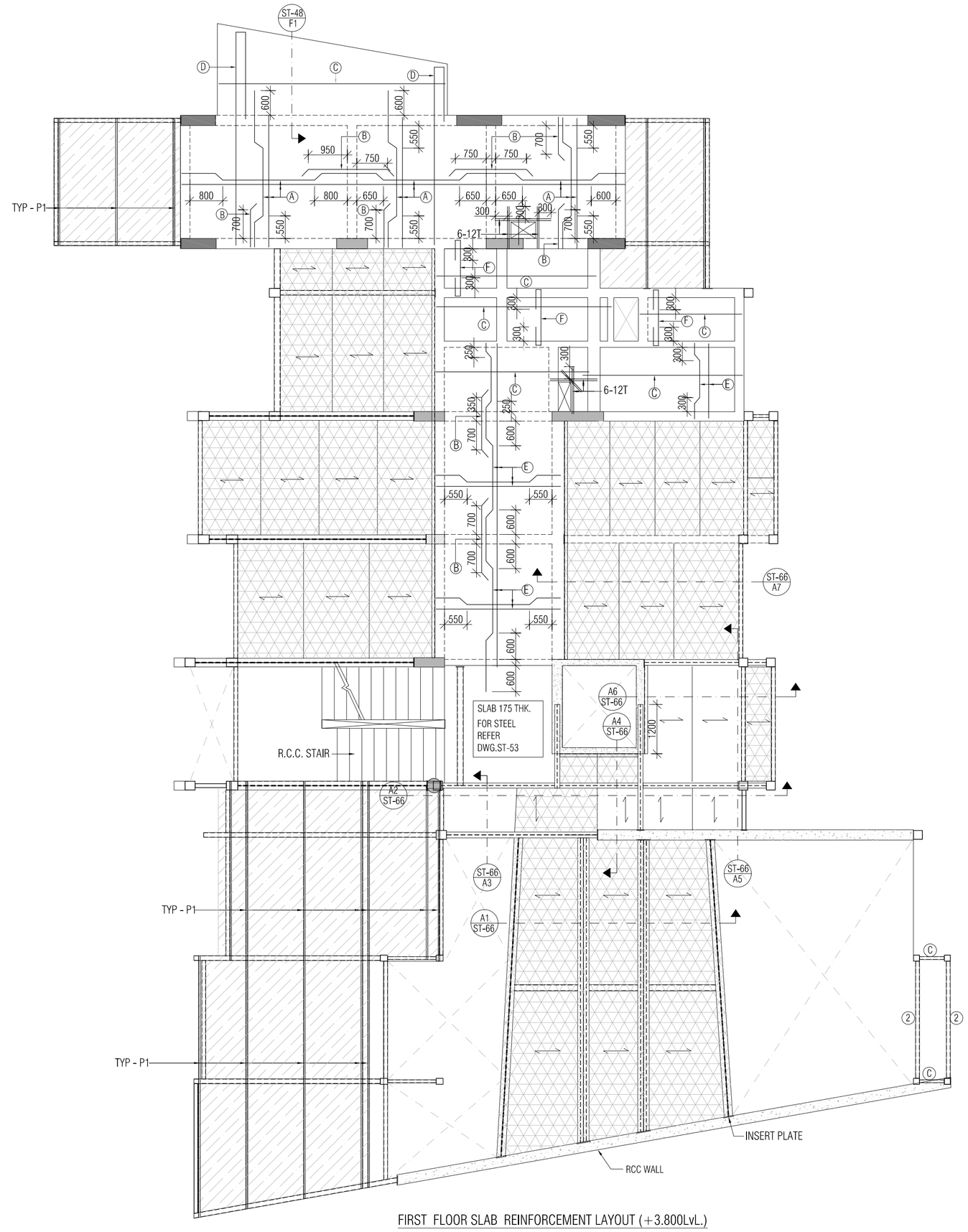


FIRST FLOOR LEVEL FRAMING LAYOUT(+3.800Lvl.)

(SCALE 1:75)

* ALL SLAB ON R.C.C BEAM ARE 125 THK. EXCEPT OTHERWISE SPECIFIED.
* ALL DECK SLAB ARE 150 THK. EXCEPT OTHERWISE SPECIFIED.



FIRST FLOOR SLAB REINFORCEMENT LAYOUT (+3.800Lvl.)

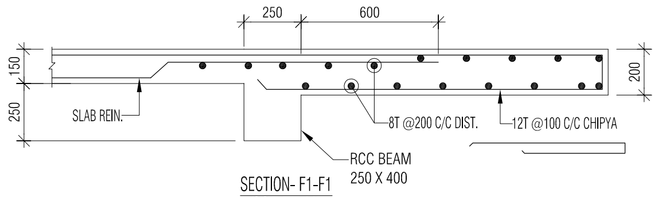
(SCALE 1:75)

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	c

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	

LEGEND
DECK SLAB
STEEL ROOF
R.C.C SLAB ON R.C.C BEAM
SUNK SLAB (R.C.C SLAB ON R.C.C BEAM)
CUT OUT

SLAB	SCHEDULE
SYMBOL	SLAB STEEL
A	10T @ 150 C/C ALT BENT UP
B	10T @300 C/C EXT. TOP
C	8T @200 C/C DIST.
D	12T @100 C/C CHIPY
E	8T @150 C/C ALT BENT UP
F	8T @150 C/C

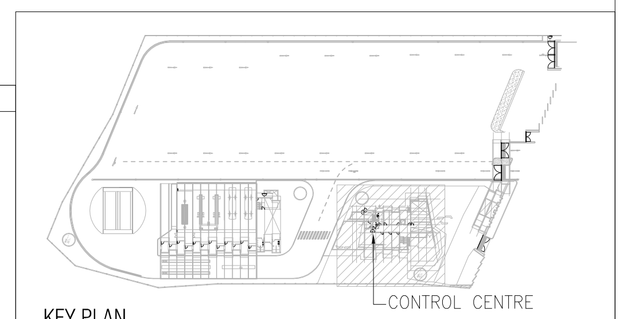


SECTION- F1-F1

(SCLE 1:75)

STEEL STRUCTURAL NOTE:-

1. ANCHOR BOLTS ARE AS PER IS : 2062, OR EQUIVALENT FY 250 mpa
2. FOR LOCATION & REFERENCE POINT REFER ARCHITECTURAL DRAWINGS.
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 "I "BEAM CHANNEL, ANGLE SECTION SHALL BE FY 250 GRADE.



KEY PLAN

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	RAJNIKANT

GOOD FOR CONSTRUCTION

DRAWING TITLE :
CONTROL CENTER
FIRST FLOOR LEVEL FRAMING LAYOUT
& SLAB LAYOUT AND DETAIL

SCALE: **AS SHOWN** (A1) DATE : 12-06-2014

DRAWN BY : RAJNIKANT

D.W.C.
ST-48

R 0

CONSULTANTS

STRUCTURE
SILICON ENGINEERING
CONSULTANTS PVT LTD
E-mail-info@siliconec.com
PH : +79-40031887
www.siliconec.com