

**CHHATTISGARH MEDICAL SERVICES CORPORATION  
LIMITED,**

**( Government of Chhattisgarh)**

**Tender**

**For**

**Construction of 100 bedded MCH wing at Balod ( C.G.), under  
National Rural Health Mission scheme**

**Tender Drawings**

**VOLUME-VI**

**APRIL' 2013**

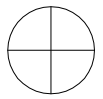


**HSCC (INDIA) LTD.  
(CONSULTANTS & ENGINEERS FOR MEGA HOSPITALS & LABORATORIES)  
E-6(A), sector-1, NOIDA(U.P) 201301 (India)**

**Phone : 0120-2542436-40**

**Fax : 0120-2542447**

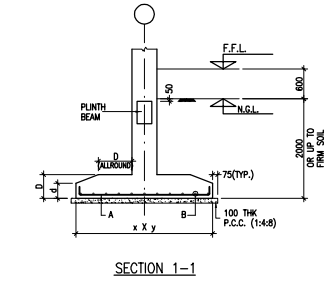
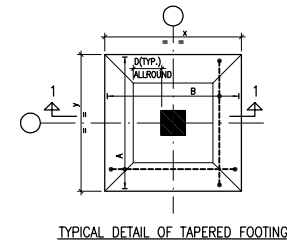
**PQ tender No. HSCC/NRHM/CG./2013 /01**



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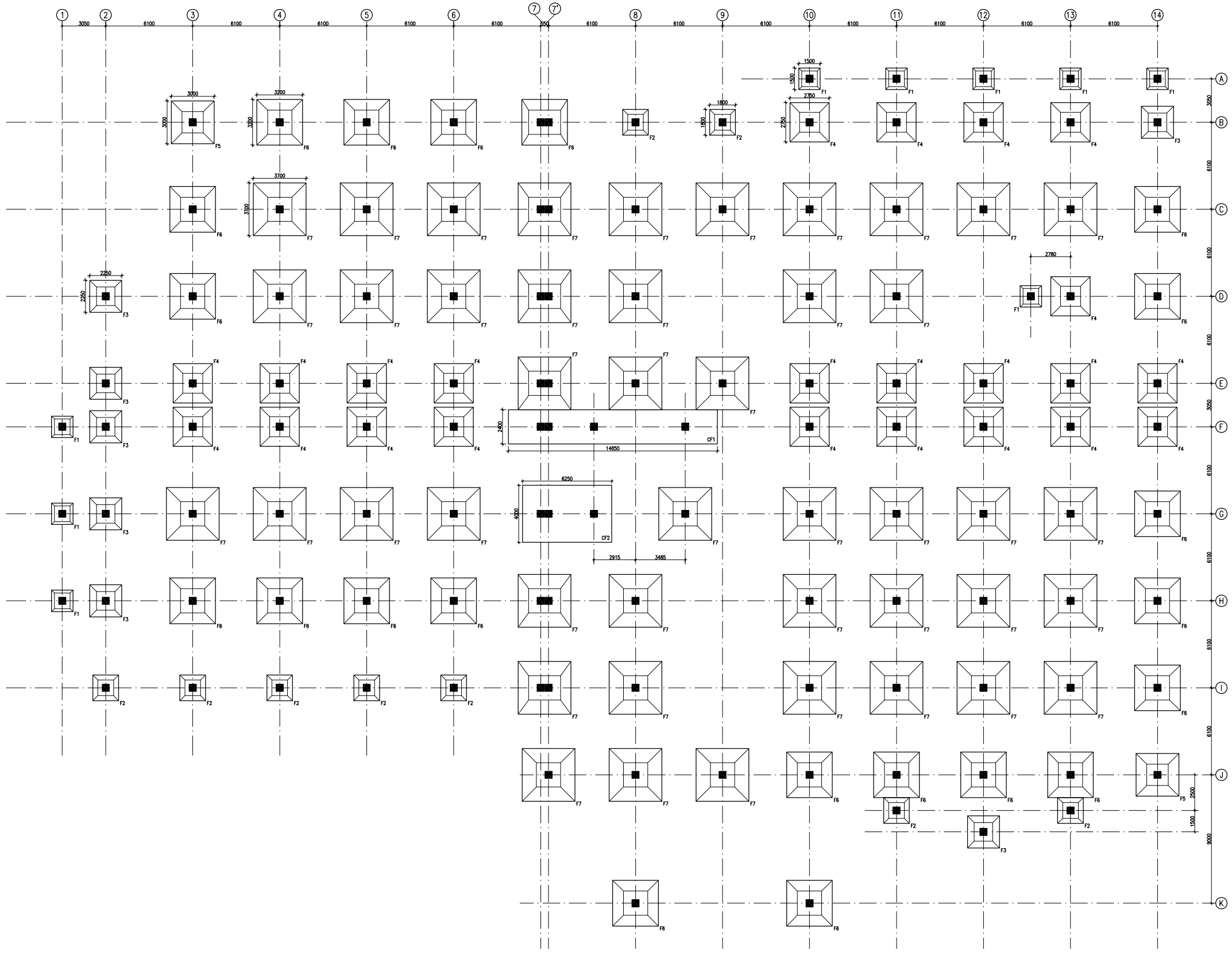
**NOTES**

1. ALL DIMENSIONS ARE IN mm & LVLS IN m.
2. READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS, THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-  
 FOUNDATION = 50mm  
 COLUMN = 40mm  
 BEAM = 30mm  
 SLAB = 25mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK AS PER IS:456-2000
6. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS =  $50 \times$  SMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
8. DEVELOPEMENT LENGTH =  $50 \times$  BAR  $\phi$ .
9. SBC ASSUMED 120 kN/M<sup>2</sup> AT 2.0 METER BELOW N.G.L.



**FOOTING SCHEDULE**

S.No	MRK.	SIZE(x,y)	THK. (d)	THK. (D)	REMARKS
1	F1	1500x1500	200	300	TAPERED
2	F2	1800x1800	250	350	TAPERED
3	F3	2250x2250	250	400	TAPERED
4	F4	2750x2750	250	450	TAPERED
5	F5	3000x3000	300	500	TAPERED
6	F6	3200x3200	300	550	TAPERED
7	F7	3700x3700	300	600	TAPERED
8	CF1	2400x14650	-	600	COMBINED
9	CF2	4000x6250	-	600	COMBINED



FOUNDATION LAYOUT PLAN

REV	DATE	DESCRIPTION
1	01.04.13	OVERALL REVISED AS PER ARCH.
0	27.02.13	FOR TENDER

**REVISION**

**PROJECT**

PROPOSED  
100 BEDDED HOSPITAL  
RMNCH PROJECT,  
CHATTISGARH

**TITLE**

FOUNDATION LAYOUT PLAN

HSCC/RMNCH/D&E/ST-T-1001

Drawing No.	REV. 1
HSCC/RMNCH JOB No.	1:150 SCALE
	APRIL-2013 DATE

APPROVED REVIEWED PREPARED

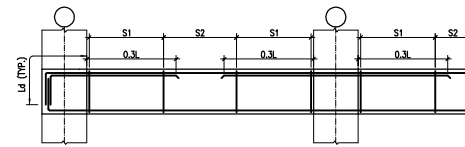
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(A GOVERNMENT OF INDIA ENTERPRISE)  
**HSCC**  
NEW DELHI INDIA



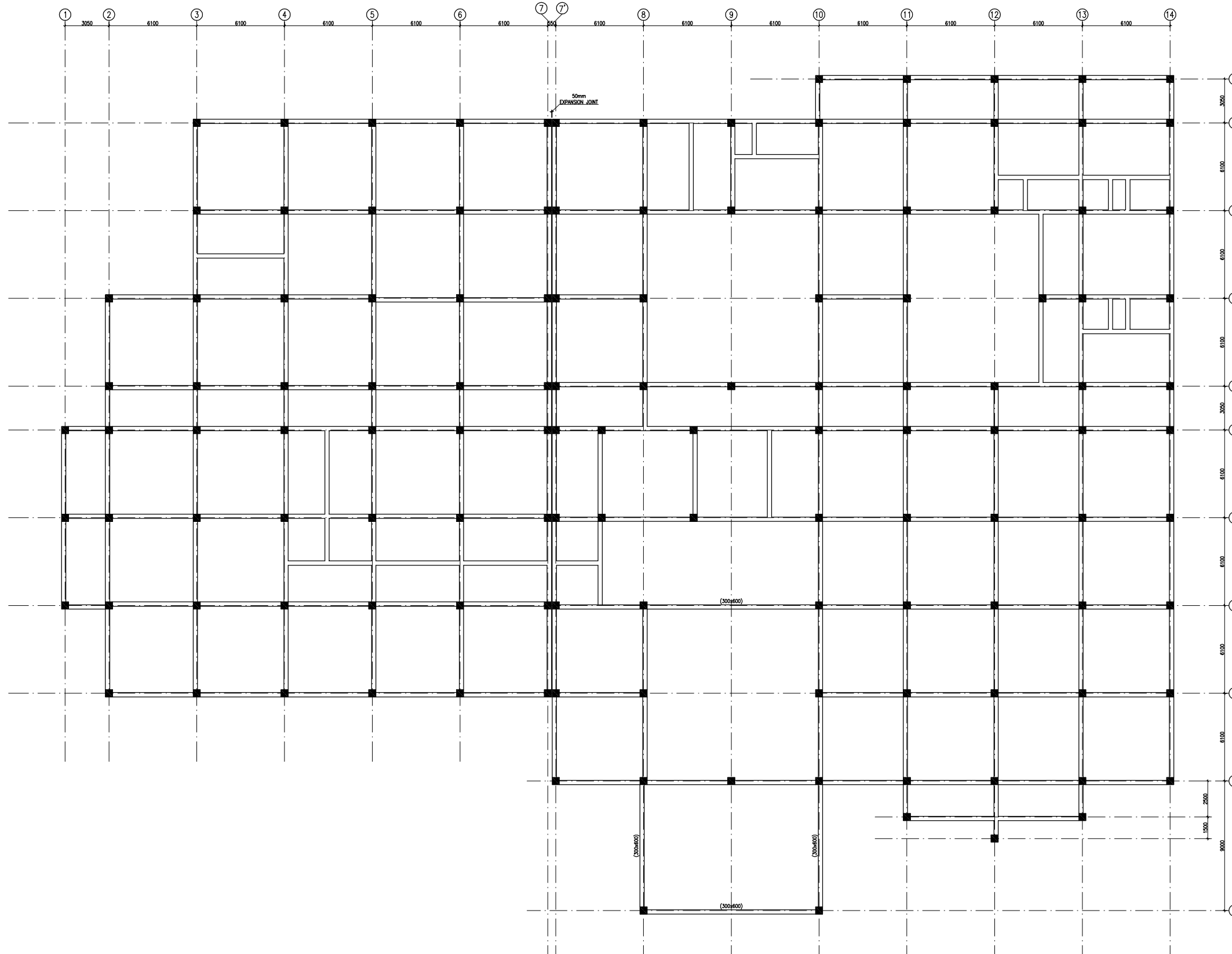
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**NOTES**

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3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS, THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
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FOUNDATION = 50mm  
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6. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
8. DEVELOPEMENT LENGTH = 50xBAR  $\phi$ .



TYP. BEAM R/F DETAILS



PLINTH BEAM FRAMING PLAN  
(ALL BEAMS SIZE 300x400 U.N.C.)

REV	DATE	DESCRIPTION
1	01.04.13	OVERALL REVISED AS PER ARCH.
0	27.02.13	FOR TENDER

**REVISION**

**PROJECT**

PROPOSED  
100 BEDDED HOSPITAL  
RMNCH PROJECT,  
CHATTISGARH

**TITLE**

PLINTH BEAM FRAMING PLAN

HSCC/RMNCH/D&E/ST-T-1003

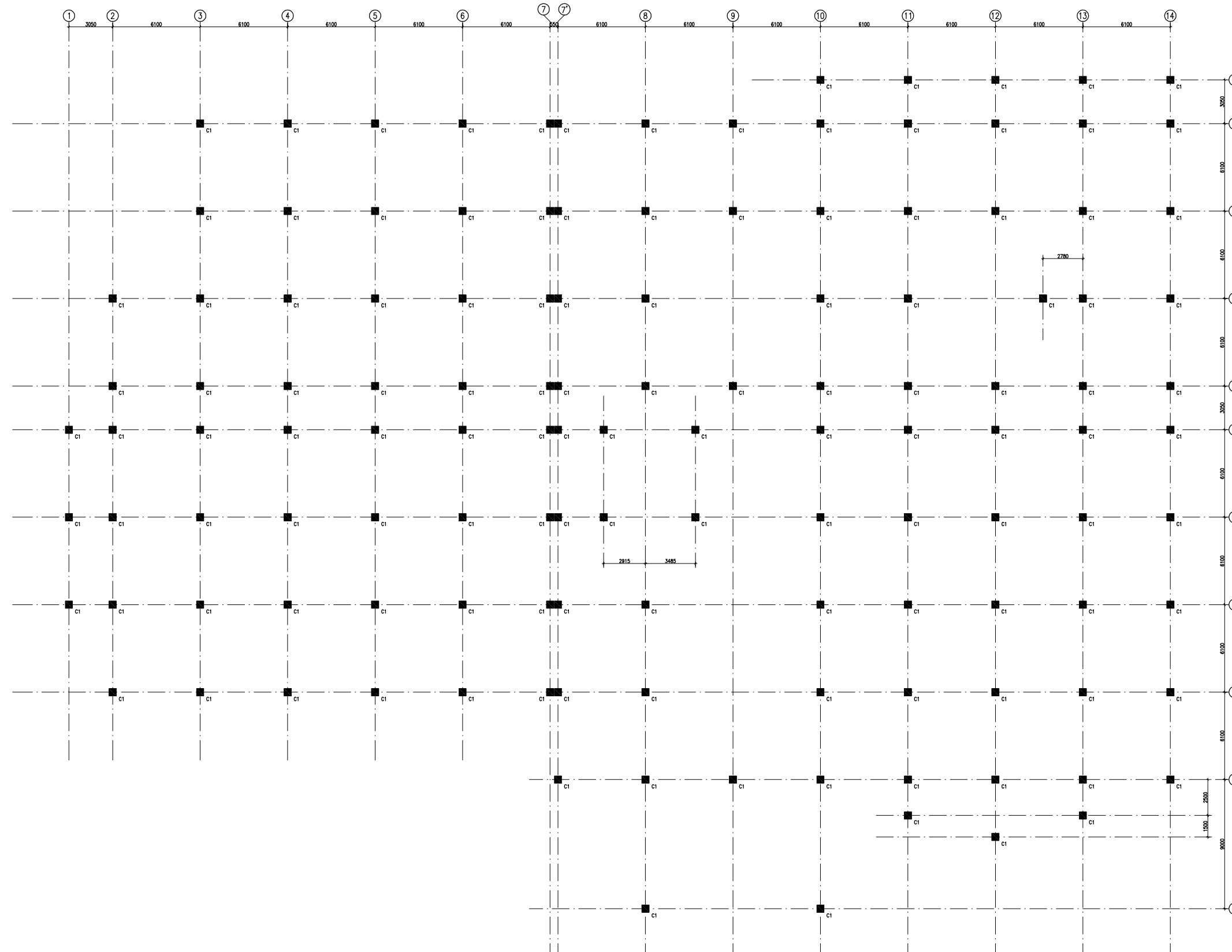
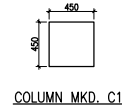
Drawing No.	REV. 1
HSCC/RMNCH JOB No.	1:150 SCALE
APRIL-2013 DATE	

APPROVED REVIEWED PREPARED

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COLUMN LAYOUT PLAN

NOTES

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REV	DATE	DESCRIPTION
1	01.04.13	OVERALL REVISED AS PER ARCH.
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REVISION

PROJECT

PROPOSED  
100 BEDDED HOSPITAL  
RMNCH PROJECT,  
CHATTISGARH

TITLE

COLUMN LAYOUT PLAN

HSCC/RMNCH/D&E/ST-T-1002

Drawing No. REV. 1

HSCC/RMNCH JOB No.	1:150 SCALE	APRIL-2013 DATE
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APPROVED REVIEWED PREPARED

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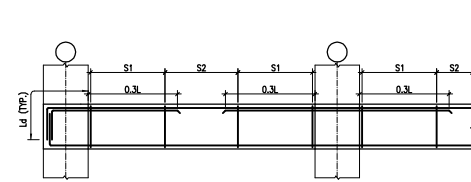
**HSCC**  
NEW DELHI INDIA



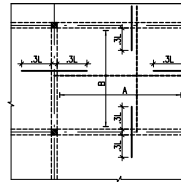
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**NOTES**

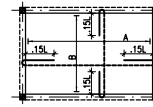
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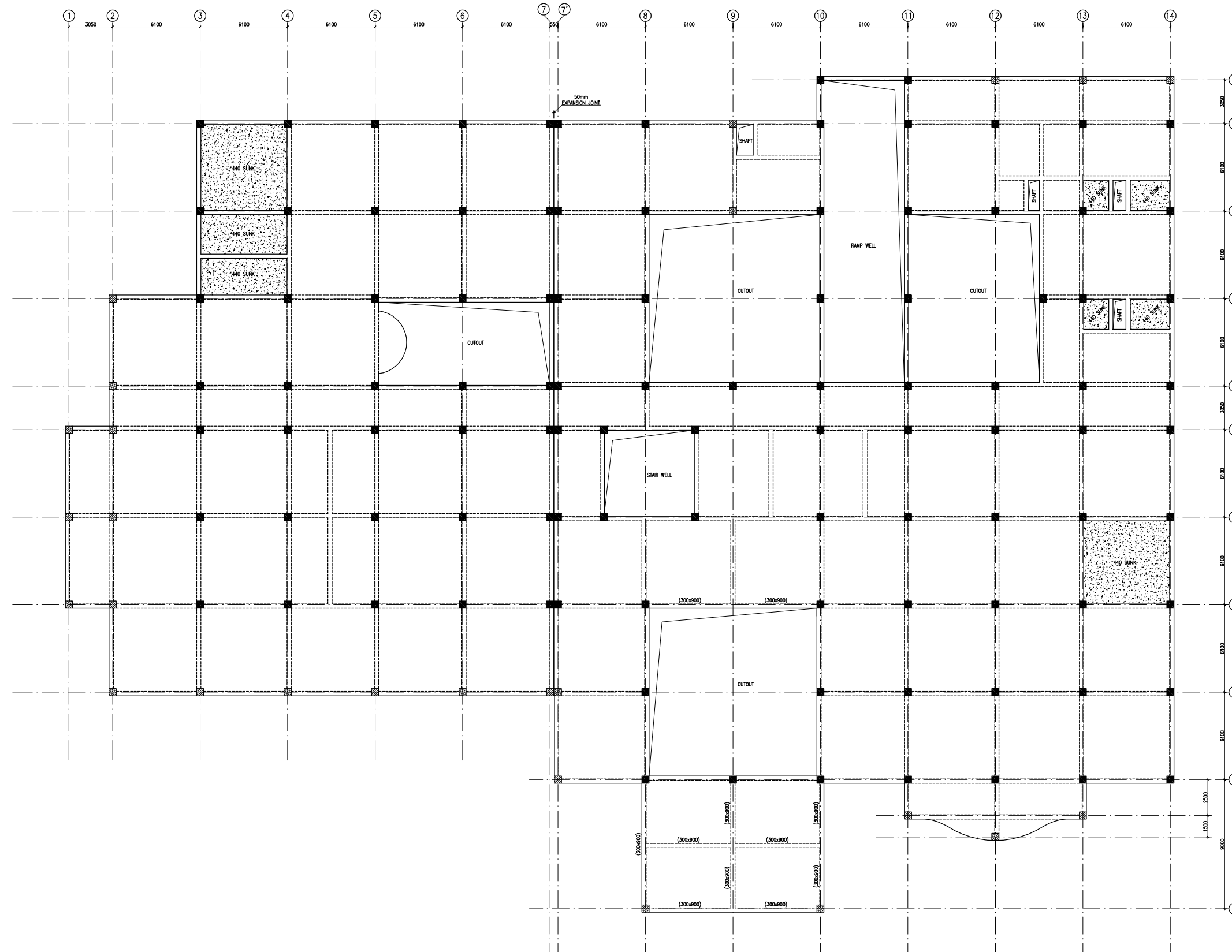
TYP. BEAM R/F DETAILS



TYP. SLAB R/F DETAIL



TYP. SUNKEN SLAB R/F DETAIL



FIRST FLOOR BEAM FRAMING PLAN  
(ALL BEAMS SIZE 300x600 U.L.O.) & (SLAB THICKNESS 160mm U.L.O.)

REV	DATE	DESCRIPTION
1	01.04.13	OVERALL REVISED AS PER ARCH.
0	27.02.13	FOR TENDER

**REVISION**

**PROJECT**

PROPOSED  
100 BEDDED HOSPITAL  
RMNCH PROJECT,

CHATTISGARH

**TITLE**

FIRST FLOOR BEAM FRAMING PLAN

HSCC/RMNCH/D&E/ST-T-1004

Drawing No.	REV. 1
HSCC/RMNCH JOB No.	1:150 SCALE
	APRIL-2013 DATE

APPROVED REVIEWED PREPARED

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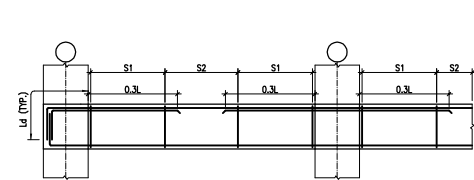
**HSCC**  
NEW DELHI INDIA



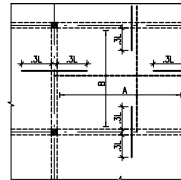
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**NOTES**

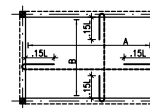
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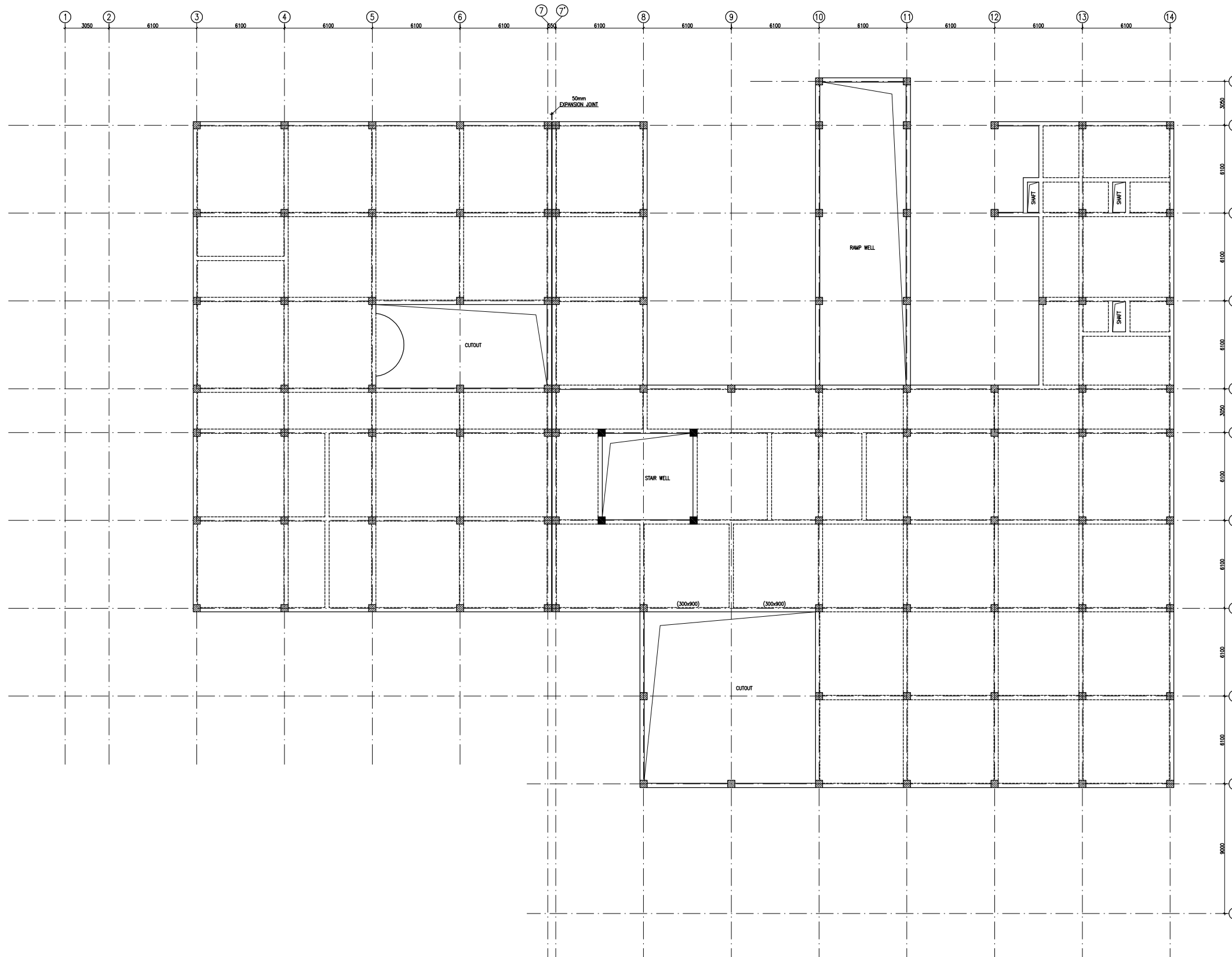
TYP. BEAM R/F DETAILS



TYP. SLAB R/F DETAIL



TYP. SUNKEN SLAB R/F DETAIL



TERRACE LVL. BEAM FRAMING PLAN  
 (ALL BEAM SIZE 300x600 U.N.O.) & (SLAB THICKNESS 160mm U.N.O.)

REV	DATE	DESCRIPTION
1	01.04.13	OVERALL REVISED AS PER ARCH.
0	27.02.13	FOR TENDER

**REVISION**

**PROJECT**

PROPOSED  
 100 BEDDED HOSPITAL  
 RMNCH PROJECT,  
 CHATTISGARH

**TITLE**

TERRACE LVL. BEAM FRAMING PLAN

HSCC/RMNCH/D&E/ST-T-1005

Drawing No.	REV. 1
HSCC/RMNCH JOB No.	1:150 SCALE
	APRIL-2013 DATE

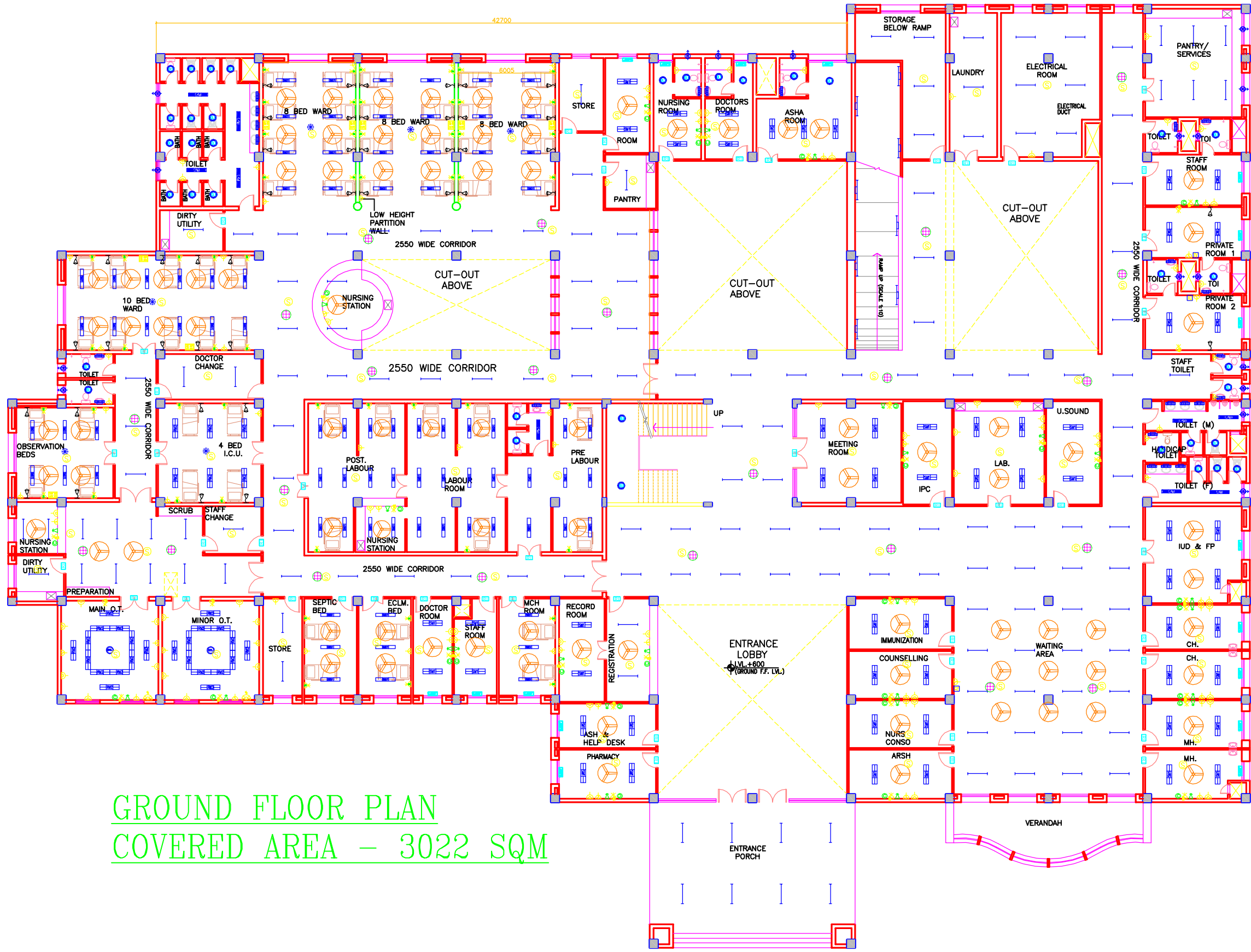
APPROVED REVIEWED PREPARED

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NOTES



**GROUND FLOOR PLAN**  
**COVERED AREA - 3022 SQM**

REV	DATE	DESCRIPTION

**PROJECT**  
 RMNCH PROJECT  
 Proposed  
 100 Bedded Hospital  
 AT  
 CHATTISGARH

**TITLE**  
 MODEL PLANS  
 GROUND  
 FLOOR PLAN  
 ELECTRICAL LAYOUT  
 (COVERED AREA=3022 SQ. MT.)

HSCC/D&E/TD/EL-101 Drawing No.	R-0 Rev.
HSCC/- Job No.	NTS Scale
	Date
App by	Rev. by
	Prep. by

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NOTES


REV DATE DESCRIPTION

REVISION

**PROJECT**  
RMNCH PROJECT  
Proposed  
100 Bedded Hospital  
AT  
CHATTISGARH

**TITLE**

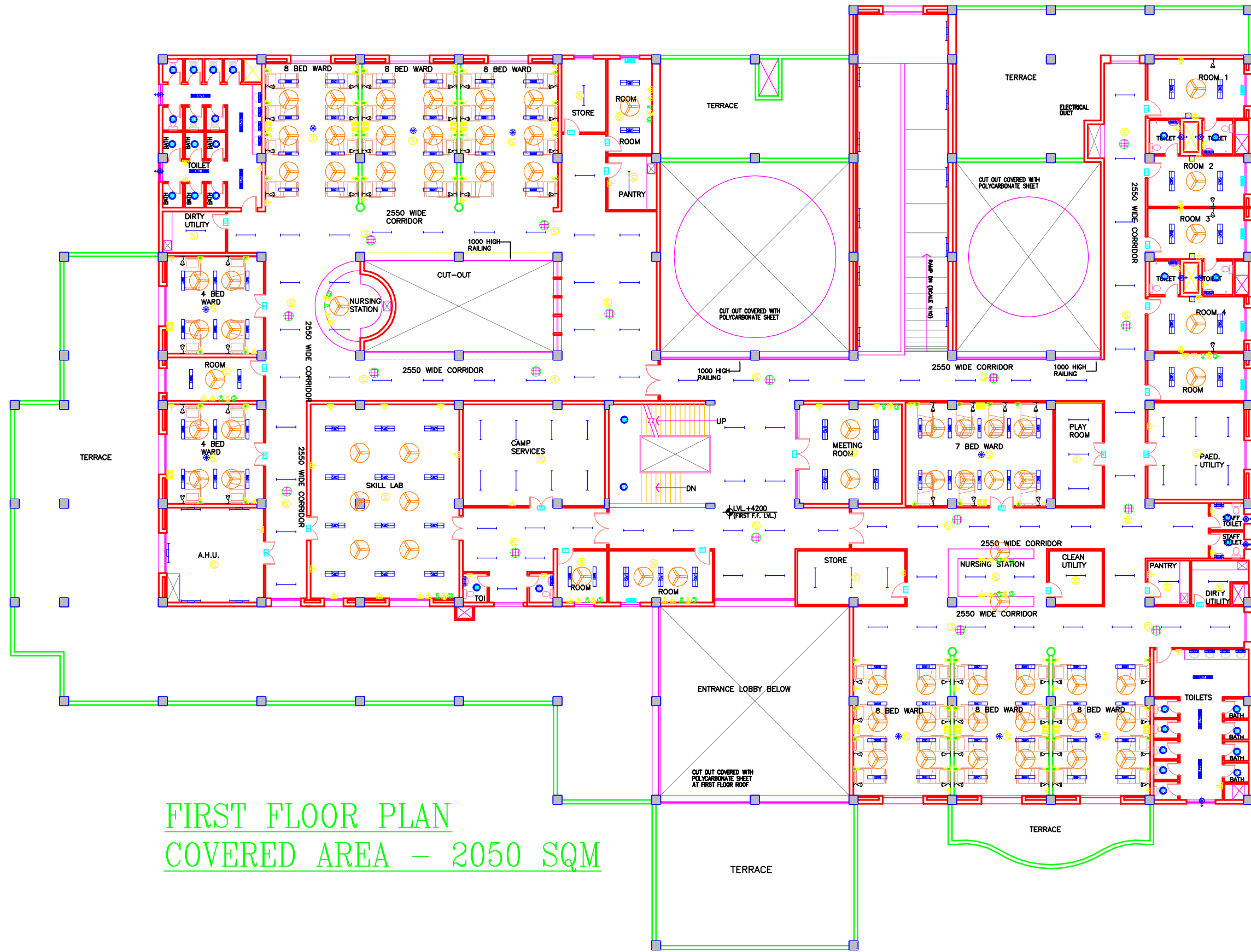
MODEL PLANS  
FIRST  
FLOOR PLAN  
ELECTRICAL LAYOUT

(COVERED AREA=2050 SQ. MT.)

HSCC/D&E/TD/EL-102 R-0  
Drawing No. Rev.

HSCC/- NTS  
Job No. Scale Date

App by Rev. by Prep. by



**FIRST FLOOR PLAN**  
**COVERED AREA - 2050 SQM**



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**NOTES**

REV	DATE	DESCRIPTION

**PROJECT**  
 RMNCH PROJECT  
 Proposed  
 100 Bedded Hospital  
 AT  
 CHATTISGARH

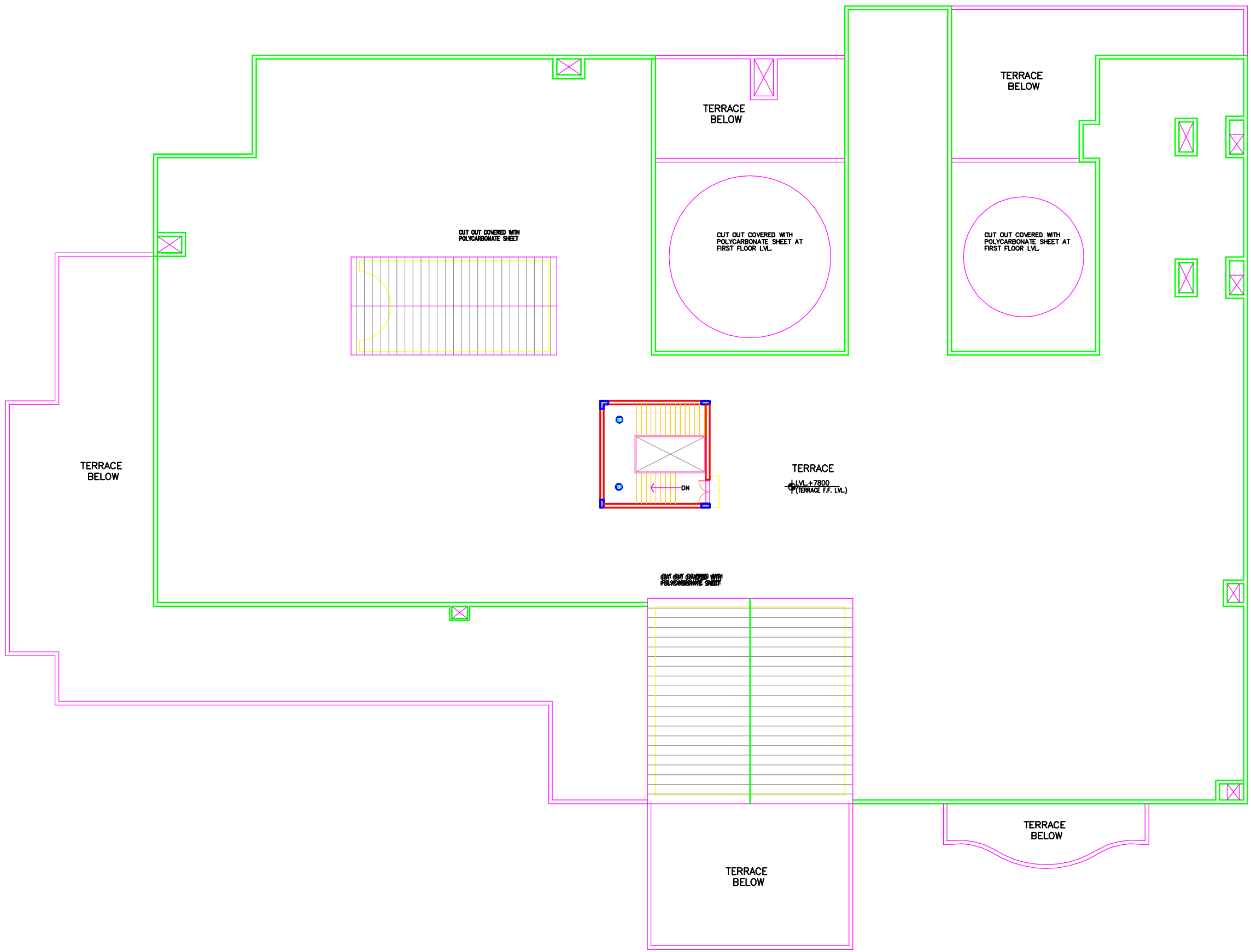
**TITLE**  
 MODEL PLANS  
 TERRACE  
 PLAN  
 ELECTRICAL LAYOUT

HSCC/D&E/TD/EL-103 R-0  
 Drawing No. Rev.

HSCC/- NTS  
 Job No. Scale Date

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 NEW DELHI INDIA



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NOTES

REV	DATE	DESCRIPTION

REVISION

PROJECT

Proposed  
100 Bedded Hospital  
At CHHATTISGARH

TITLE

TENDER DRAWING  
GROUND FLOOR PLAN  
HVAC LAYOUT  
(COVERED AREA=3022 SQ. MT.)

HSCC/D&E/HVAC/NRHM-CG/AC-01 R-0  
Drawing No. Rev.

HSCC/- 1:125 25-03-2013  
Job No. Scale Date

App by Rev. by Prep. by

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NEW DELHI INDIA



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NOTES

REV	DATE	DESCRIPTION

PROJECT

Proposed  
100 Bedded Hospital  
At CHHATTISGARH

TITLE

TENDER DRAWING  
FIRST FLOOR PLAN  
HVAC LAYOUT  
(COVERED AREA=2050 SQ. MT.)

HSCC/D&E/HVAC/NRHM-CG/AC-02 R-0  
Drawing No. Rev.

HSCC/- 1:125 19-03-2013  
Job No. Scale Date

App by Rev. by Prep. by

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(A GOVERNMENT OF INDIA ENTERPRISES)  
**HSCC**  
NEW DELHI INDIA

