

**CHHATTISGARH MEDICAL SERVICES CORPORATION
LIMITED**

(Government of Chhattisgarh)

Tender

For

**Construction of 100 bedded MCH wing at Raigarh (CG.),
under National Rural Health Mission scheme**

Tender Drawings

VOLUME-VI

February' 2014



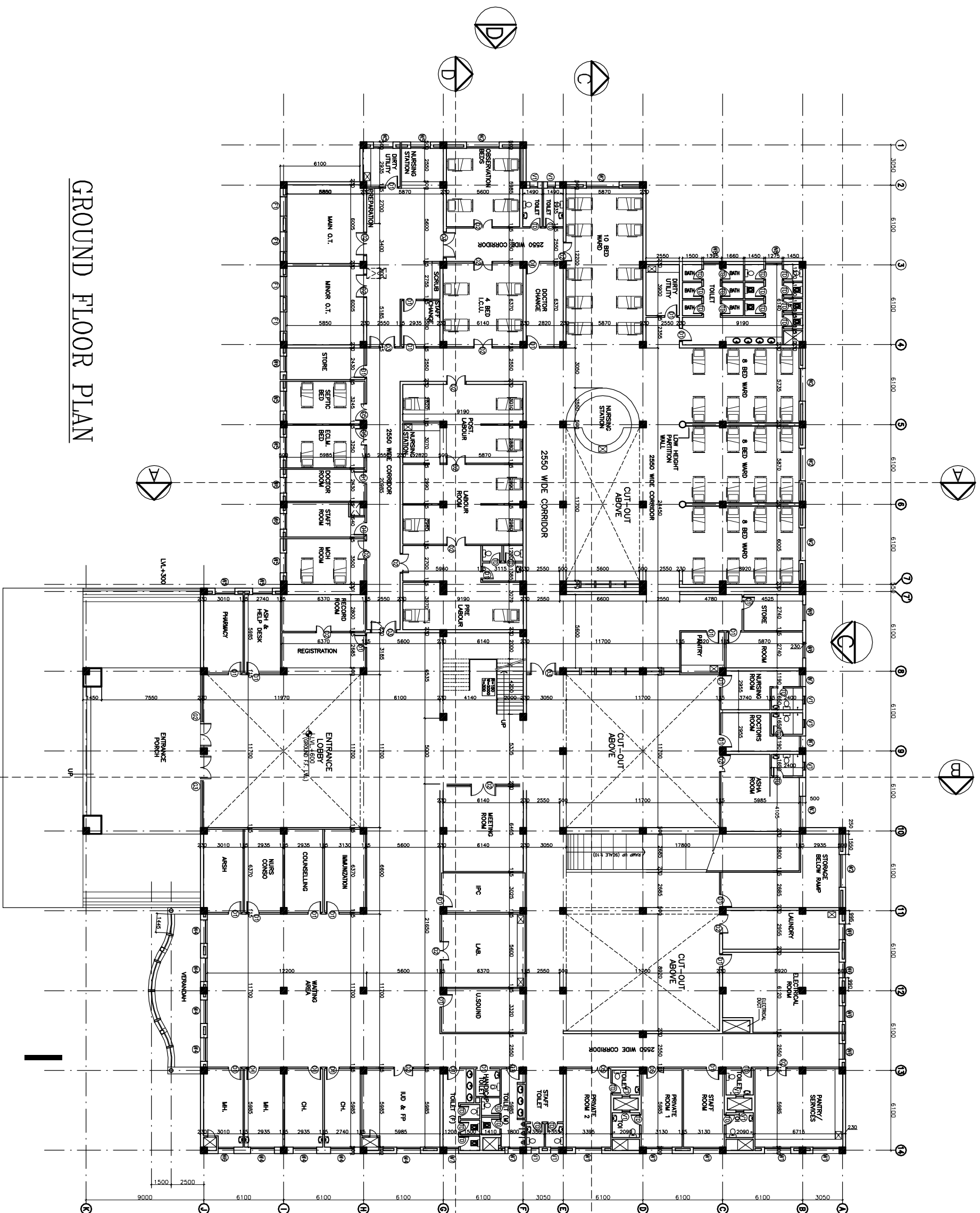
**HSCC (INDIA) LTD.
(CONSULTANTS & ENGINEERS FOR MEGA HOSPITALS & LABORATORIES)
E-6(A), sector-1, NOIDA(U.P) 201301 (India)**

Phone : 0120-2542436-40

Fax : 0120-2542447

Tender No. HSCC/NRHM/CG/2014 (IV) /04

ARCHITECTURE
DRAWINGS



GROUND FLOOR PLAN

S.NO.	TYPE	WIDTH	COLL.	LINTEL	REMARKS
1	D1	1000	—	2150	
2	D2	1500	—	2150	
3	D3	2000	—	2150	
4	D4	1350	—	2150	
5	D5	1350	—	2150	
6	D6	1350	—	2150	
7	D7	1350	—	2150	
8	D8	1350	—	2150	
9	D9	1350	—	2150	
10	D10	1350	—	2150	
11	D11	1350	—	2150	
12	D12	1350	—	2150	
13	D13	1350	—	2150	
14	D14	1350	—	2150	
15	D15	1350	—	2150	
16	D16	1350	—	2150	
17	D17	1350	—	2150	
18	D18	1350	—	2150	
19	D19	1350	—	2150	
20	D20	1350	—	2150	
21	D21	1350	—	2150	

NOTES

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PROJECT
RMNCH PROJECT
 Proposed
 100 Bedded Hospital
 at
 CHATTISGARH

TITLE
 GROUND
 FLOOR PLAN
 (COVERED AREA=3022 SQ. MT.)

Working DRAWINGS
 (ARCHITECTURE)

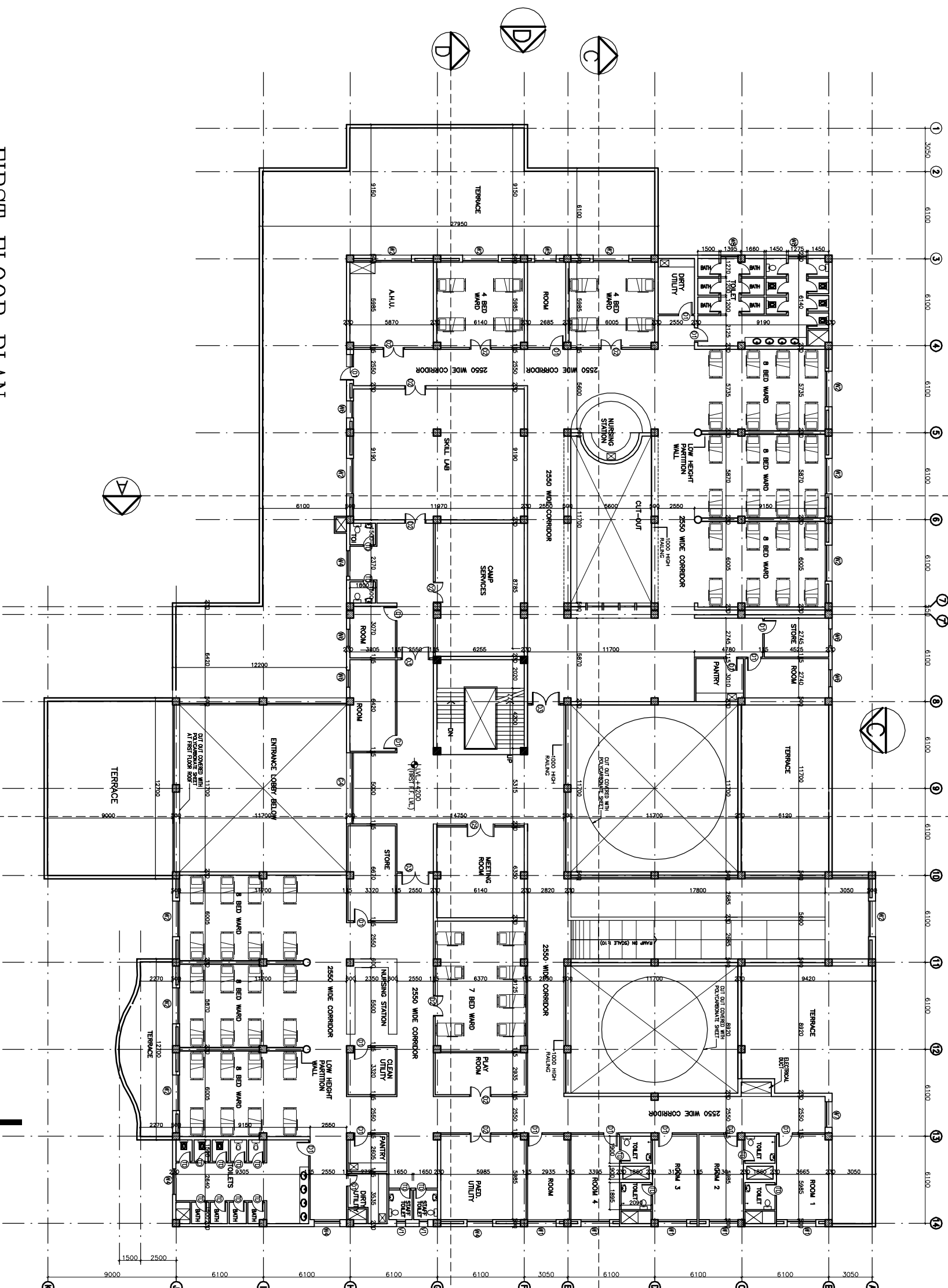
BSCC/100 BEDD/002
 Drawing No. R-0
 Rev.

Job No. 1:150 Scale 27-05-2013 Date

App by: Rev. by: Prep. by:



FIRST FLOOR PLAN



S.NO.	TYPE	WIDTH	CLL	UNTEL	REMARKS
1	D1	1000	—	2150	
2	D2	1500	—	2150	
3	D3	2000	—	2150	
4	D4	1350	—	2150	
5	D5	750	—	2150	TOILET DOOR
6	DW1	5600	00	BEAM BOTTOM	
7	DW1	4000	00	BEAM BOTTOM	
8	DW2	3600	00	BEAM BOTTOM	
9	DW3	3600	00	BEAM BOTTOM	
10	DW4	3000	00	BEAM BOTTOM	
11	DW5	3000	00	BEAM BOTTOM	
12	DW6	2500	00	BEAM BOTTOM	
13	DW7	2500	00	BEAM BOTTOM	
14	DW8	2400	00	BEAM BOTTOM	
15	DW9	1800	00	BEAM BOTTOM	
16	DW10	1500	00	BEAM BOTTOM	
17	DW11	1200	00	BEAM BOTTOM	
18	DW12	900	00	BEAM BOTTOM	
19	DW13	1275	1200	2150	BEAM BOTTOM
20	DW14	600	2150	BEAM BOTTOM	
21	DW15	1500	2150	BEAM BOTTOM	

NOTES

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REV.	DATE	DESCRIPTION

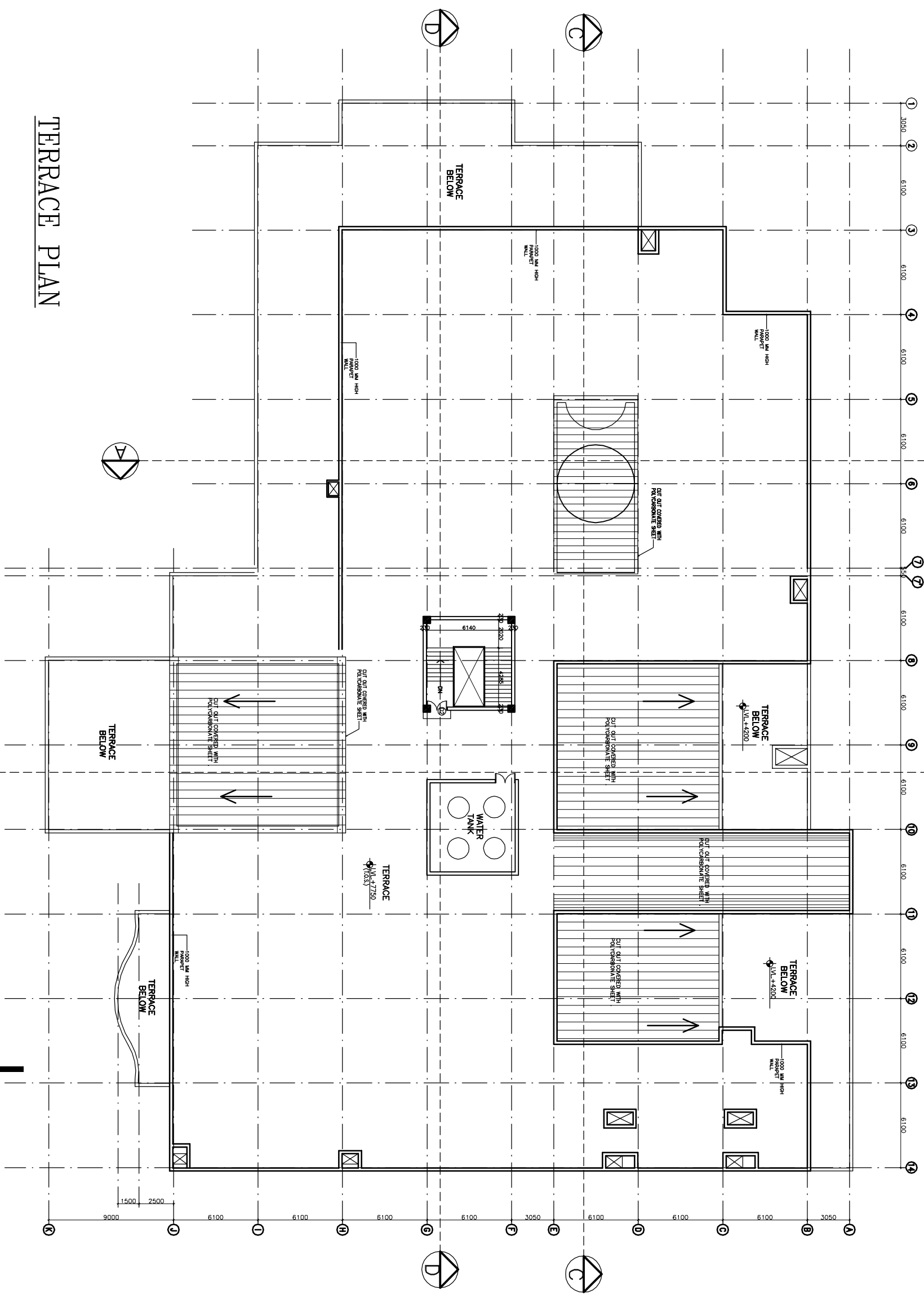
PROJECT
RMNCH PROJECT
 Proposed
 100 Bedded Hospital
 of
 CHATTISGARH

TITLE
FIRST FLOOR PLAN
(COVERED AREA=2050 SQ. MT.)
WORKING DRAWINGS
(ARCHITECTURE)

HSCC/100 BEDD/003	R-0
Drawing No.	Rev.
Job No.	1:150
Scale	27-05-2013
Date	
App. by	Rev. by
	Prep. by

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NOTES



TERRACE PLAN

REV.	DATE	DESCRIPTION

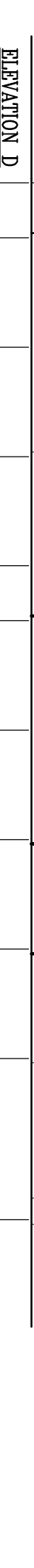
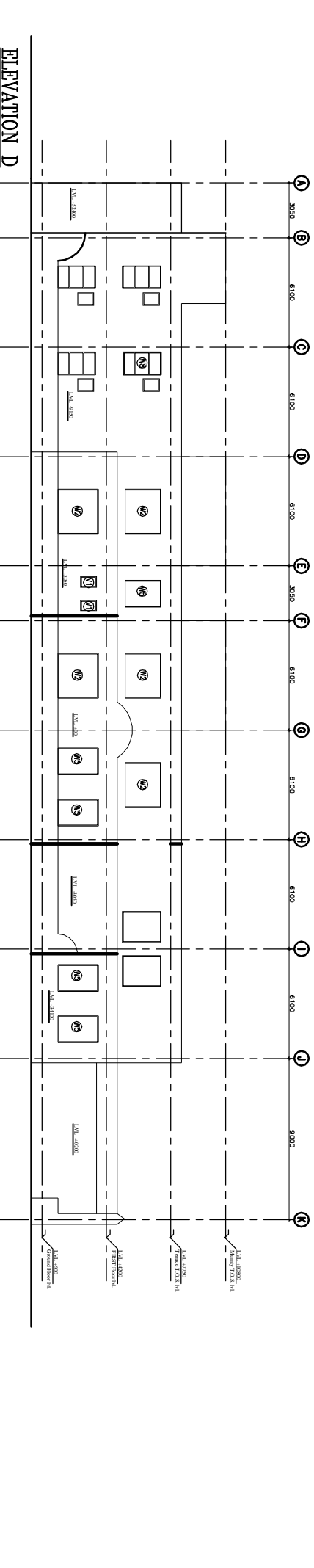
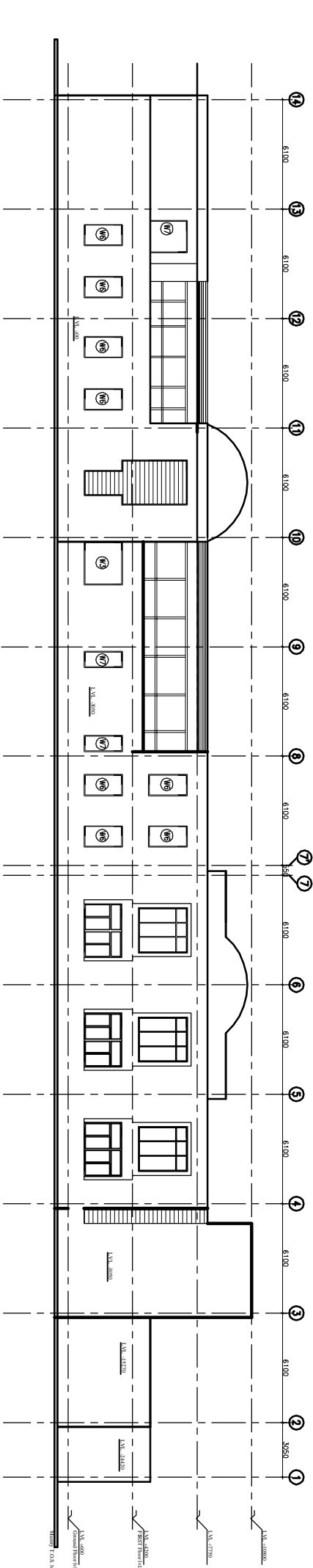
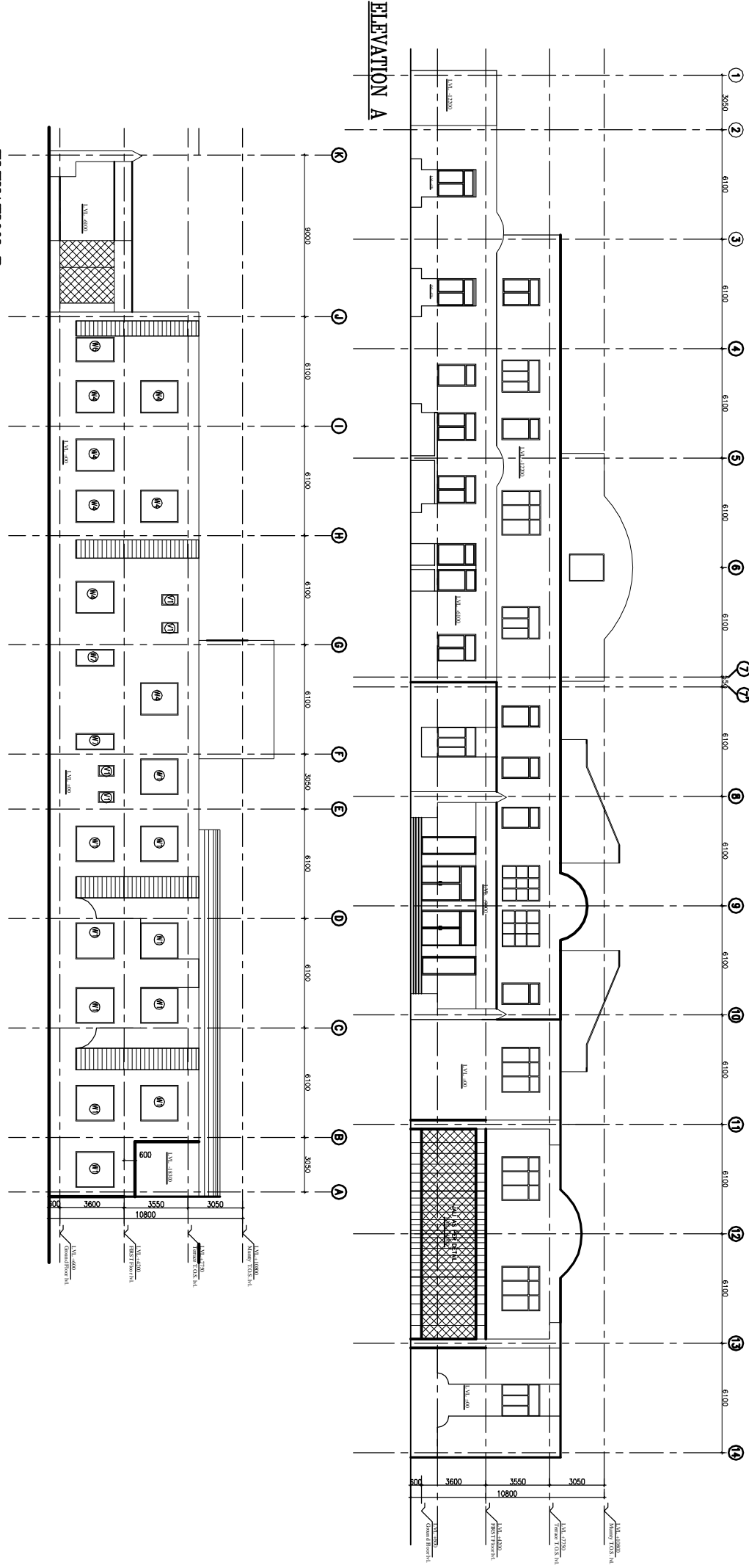
PROJECT
RMNCH PROJECT
 Proposed
 100 Bedded Hospital
 of
 CHATTISGARH

TITLE
 TERRACE
 FLOOR PLAN
 Working Drawings
 (ARCHITECTURE)

HSCC/100 BED/10/03	R-0
Drawing No.	Rev.
Job No.	1:150
Scale	27-05-2013
Date	
App. by	Rev. by
Prep. by	

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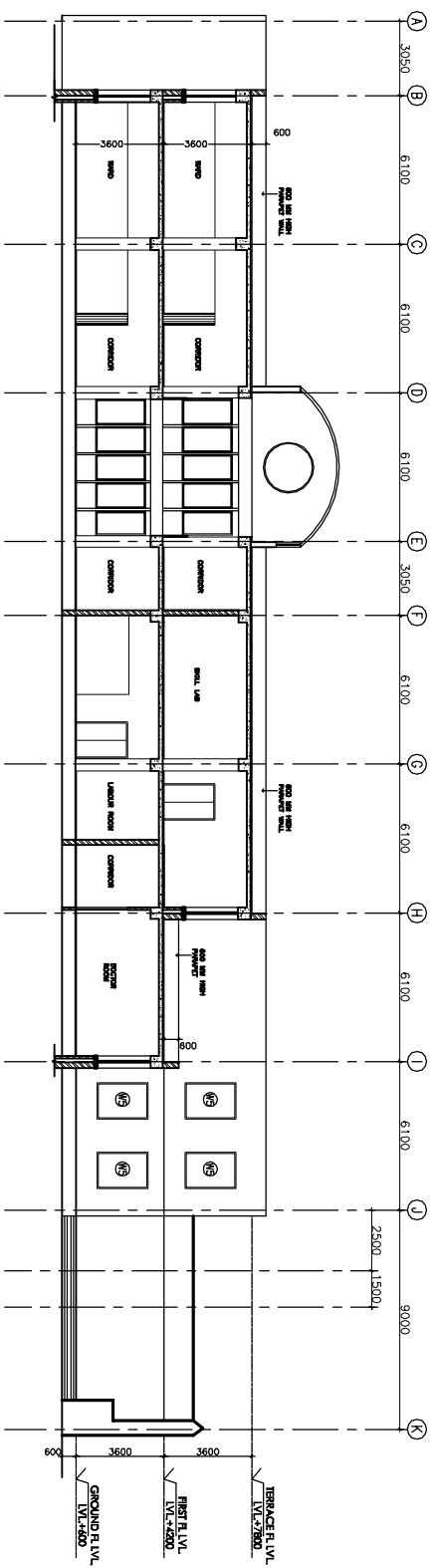
NOTES



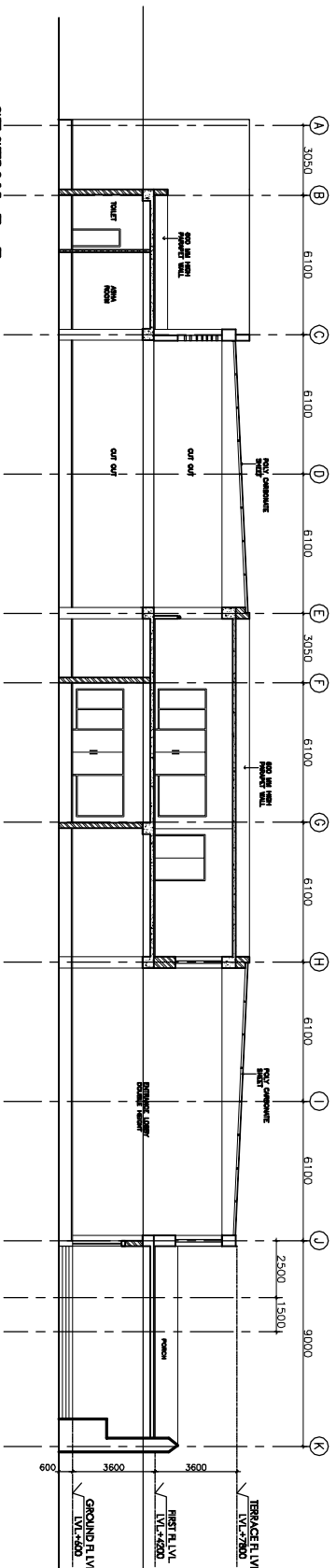
PROJECT		RMNCH PROJECT	
		Proposed 100 Bedded Hospital of CHATTISGARH	
TITLE		ELEVATION Working Drawings (ARCHITECTURE)	
REV. DATE		DISCUSSION	
REVISION			
App by		Rev. by	
Job No.		Date	
Scale		Rev.	
App by		Prep. by	

HSCC (INDIA) LIMITED
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HSCC
 NEW DELHI INDIA

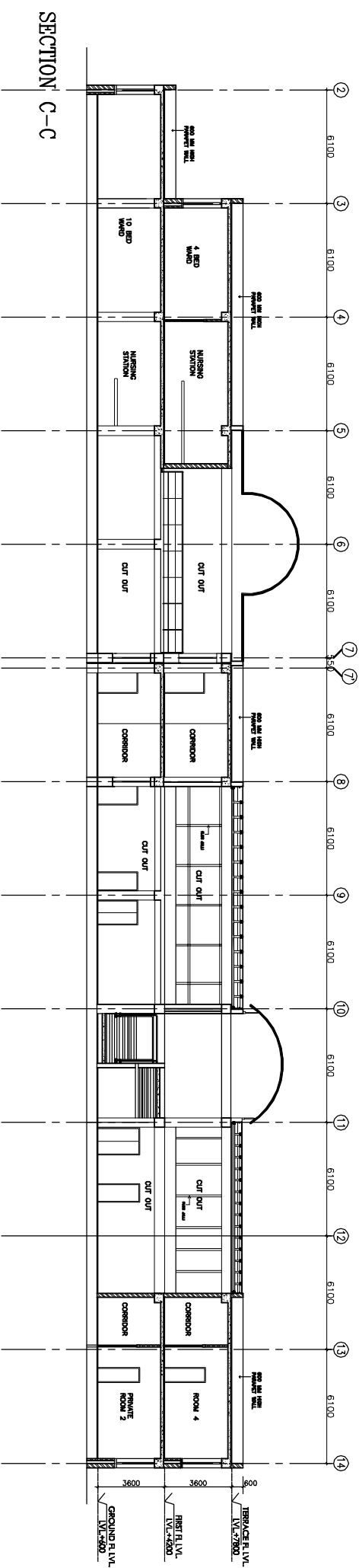
HSCC/100 BED/ TD/004 **R-0**
Drawing No. **Rev.**
1:150 **27-05-2013**
Scale **Date**
App by **Rev. by** **Prep. by**



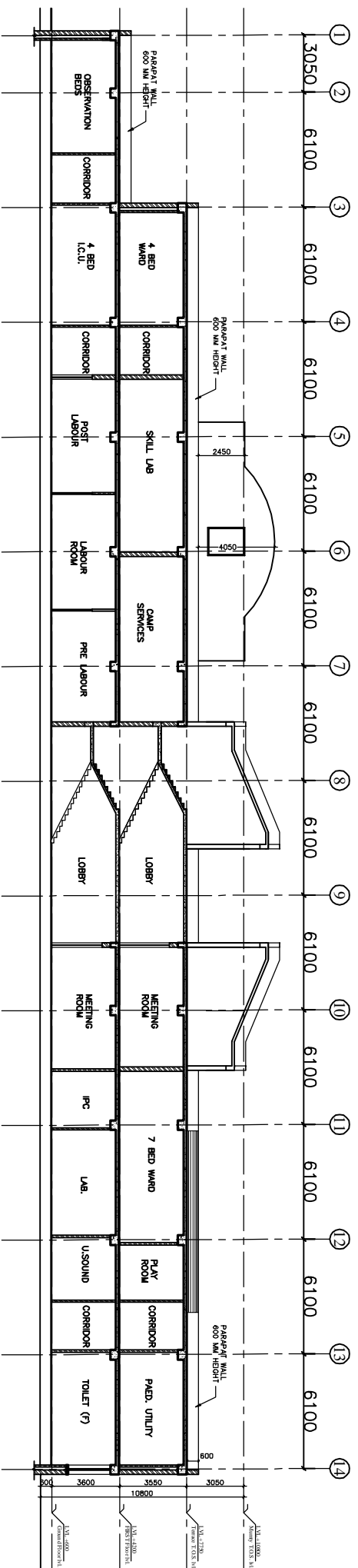
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

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NOTES

REV.	DATE	DESCRIPTION

PROJECT
RMNCH PROJECT
 Proposed
 100 Bedded Hospital
 at
 SARGUA, CHATTISGARH

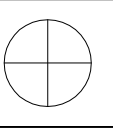
TITLE

SECTIONS
WORKING DRAWINGS
(ARCHITECTURE)

HSCC/100 BBD/TD/005	R-0
Drawing No.	Rev.
Job No.	Scale
App by	Date
Rev. by	
Prep. by	

STRUCTURE

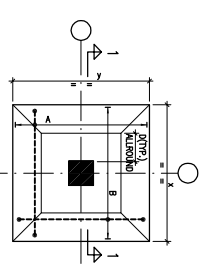
DRAWINGS



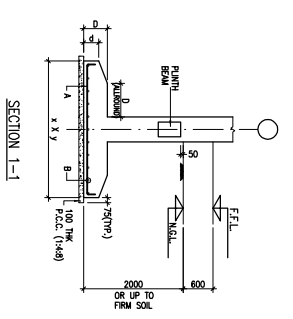
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NOTES

1. ALL DIMENSIONS ARE IN mm & LWS 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 ϕ 6500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR ϕ . SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR ϕ .
9. SFC ASSUMED 120 kN/m² AT 2.0 METER BELOW N.G.L.



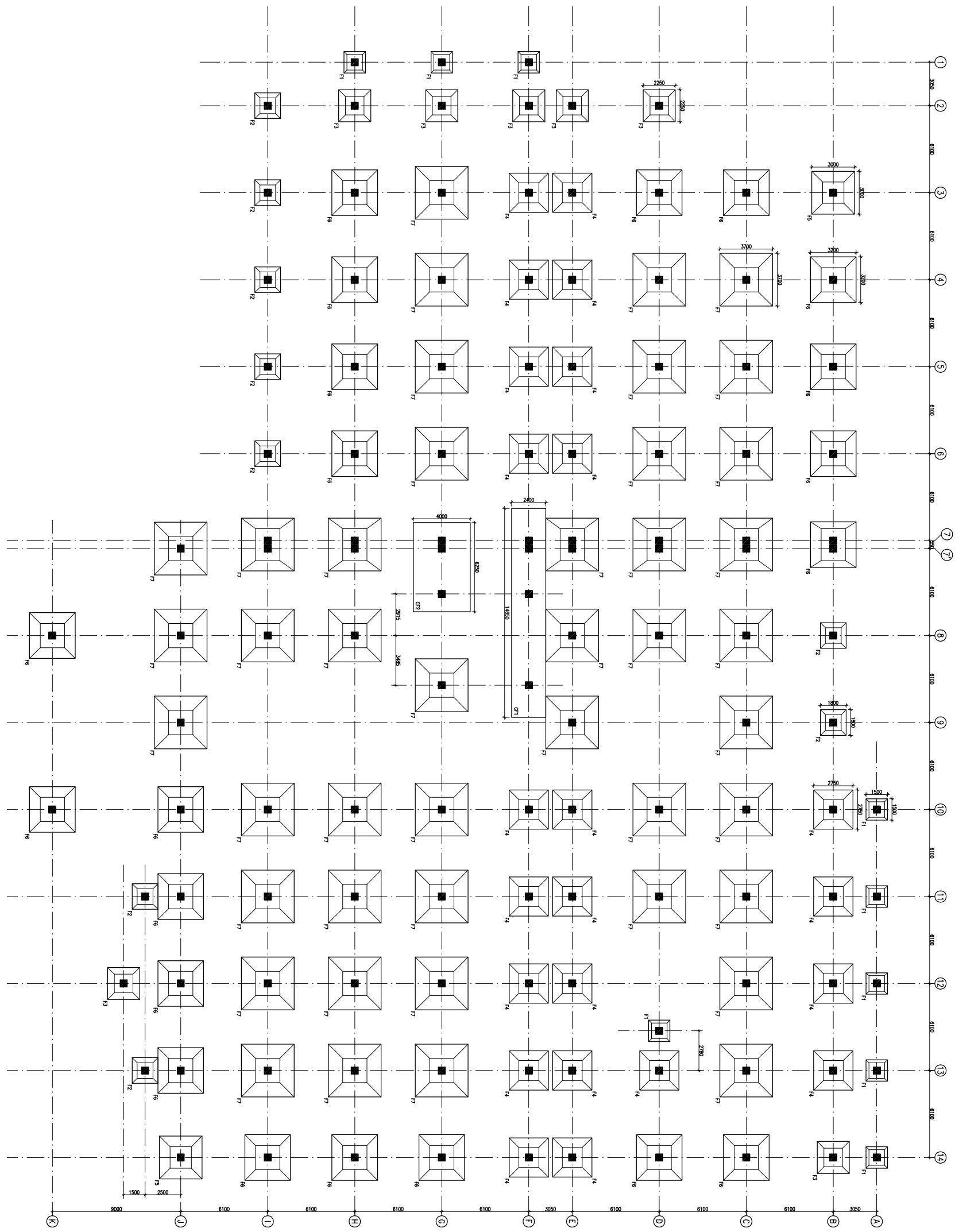
TYPICAL DETAIL OF TAPERED FOOTING



SECTION 1-1

FOOTING SCHEDULE

S.No.	GRID	SECT. NO.	(D)	(D)	REMARKS
1	F1	1500x1500	200	300	TAPERED
2	F2	1800x1800	200	300	TAPERED
3	F3	2200x2200	250	400	TAPERED
4	F4	2700x2700	250	400	TAPERED
5	F5	3000x3000	300	500	TAPERED
6	F6	3500x3500	300	500	TAPERED
7	F7	3700x3700	300	600	TAPERED
8	OT1	2400x1450	-	600	CORNER
9	OT2	4000x2500	-	600	CORNER



FOUNDATION LAYOUT PLAN

FOUNDATION LAYOUT PLAN

HSCC/RMNC/DAE/ST-T-1001

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

APPROVED REVIEWED PREPARED

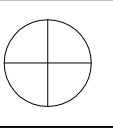
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HSCC
INDIA
NEW DELHI

PROJECT
PROPOSED
100 BEDDED HOSPITAL
RMNC PROJECT,
CHATTISGARH

TITLE

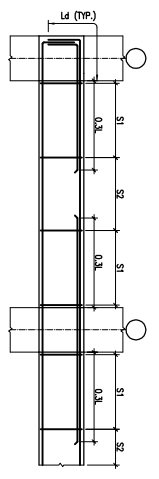
REV.	DATE	DESCRIPTION
1	01.04.13	OVERALL REVISION AS PER MCH.
0	27.02.13	FOR TENDER



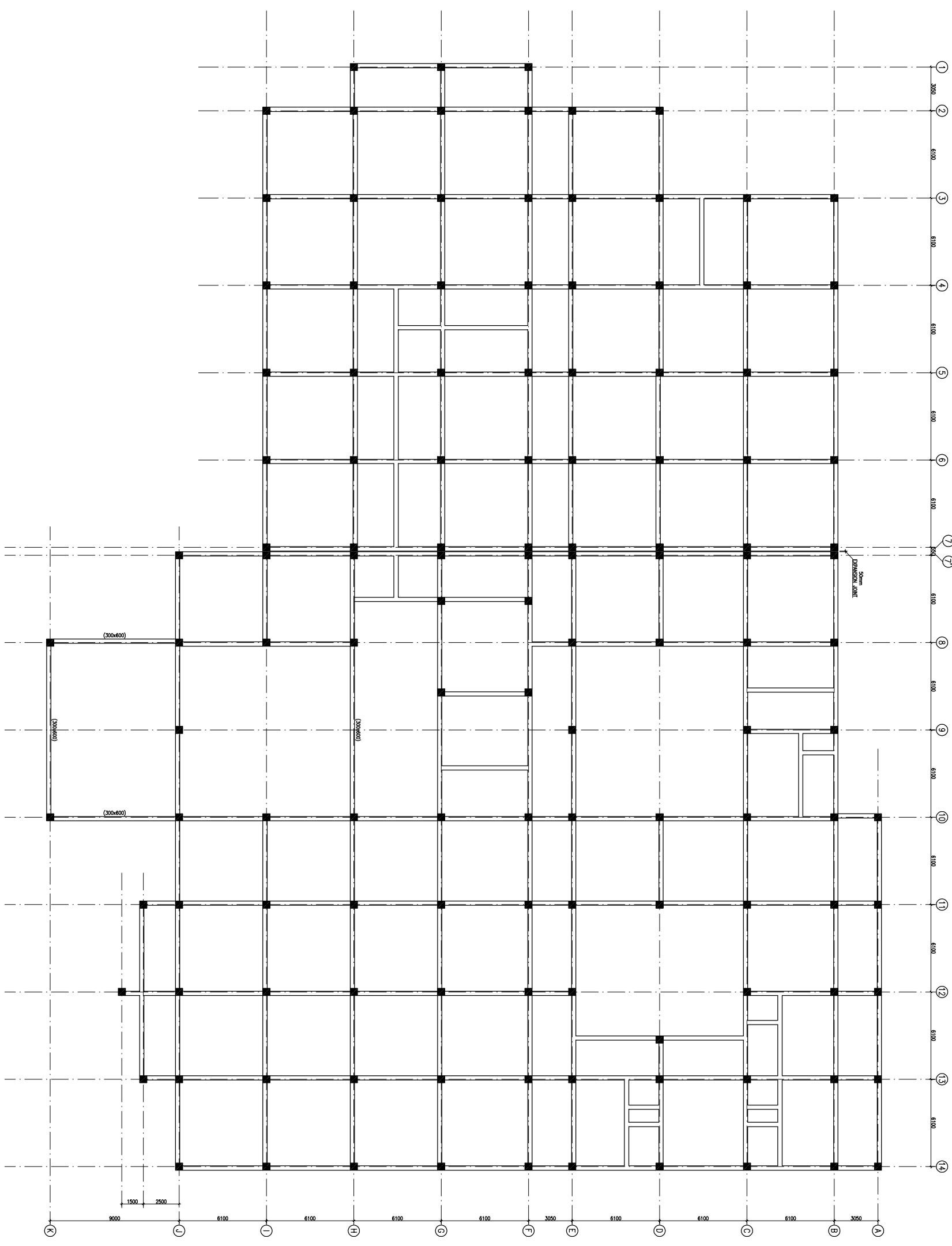
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NOTES

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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 ϕ 6300 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR ϕ .
ALL LAPS TO BE PLANNED SUITABLY AS PER SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR ϕ .



TOP BEAM R/F DETAILS



PLINTH BEAM FRAMING PLAN
(ALL DIMENS. SEE DRAWING SHEET)

REVISION	REVY. DATE	DESCRIPTION
1	01.04.13	OVERALL REVISION AS PER ARCH. FOR TENDER
0	27.02.13	

PROJECT

PROPOSED
100 BEDDED HOSPITAL
RMNCH PROJECT,
CHATTISGARH

TITLE

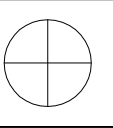
PLINTH BEAM FRAMING PLAN

HSCC/RMNC/DAE/ST-T-1003

Drawing No.	REV. 1
HSCC/RMNC	APRIL-2013
JOB No.	SCALE
	DATE

APPROVED	REVIEWED	PREPARED

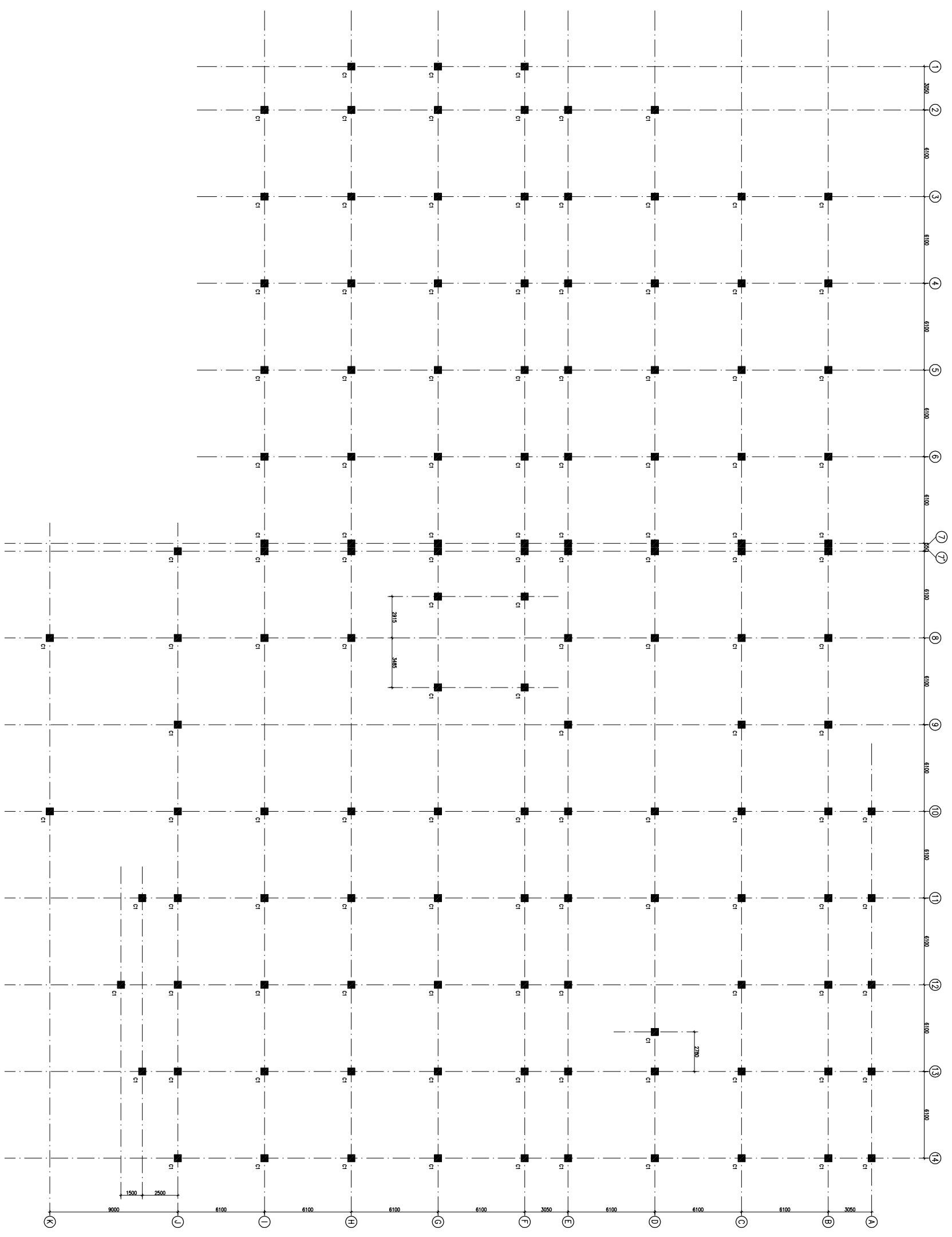
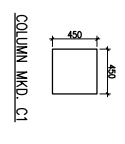
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NEW DELHI INDIA



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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 ϕ 6300 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR ϕ . ALL LAPS TO BE PLANNED SUITABLY AS PER SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR ϕ .



COLUMN LAYOUT PLAN

REV. NO.	DATE	DESCRIPTION
1	01.04.13	OVERALL REVISION AS PER ARCH. FOR TENDER
0	27.02.13	

REVISION

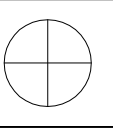
PROJECT
 PROPOSED
 100 BEDDED HOSPITAL
 RMNCH PROJECT,
 CHATTISGARH

TITLE

COLUMN LAYOUT PLAN

HSCC/RMNC/D&E/ST-T-1002	
Drawing No.	REV. 1
HSCC/RMNC	APRIL-2013
SCALE	DATE
JOB No.	
APPROVED	REVIEWED
	PREPARED

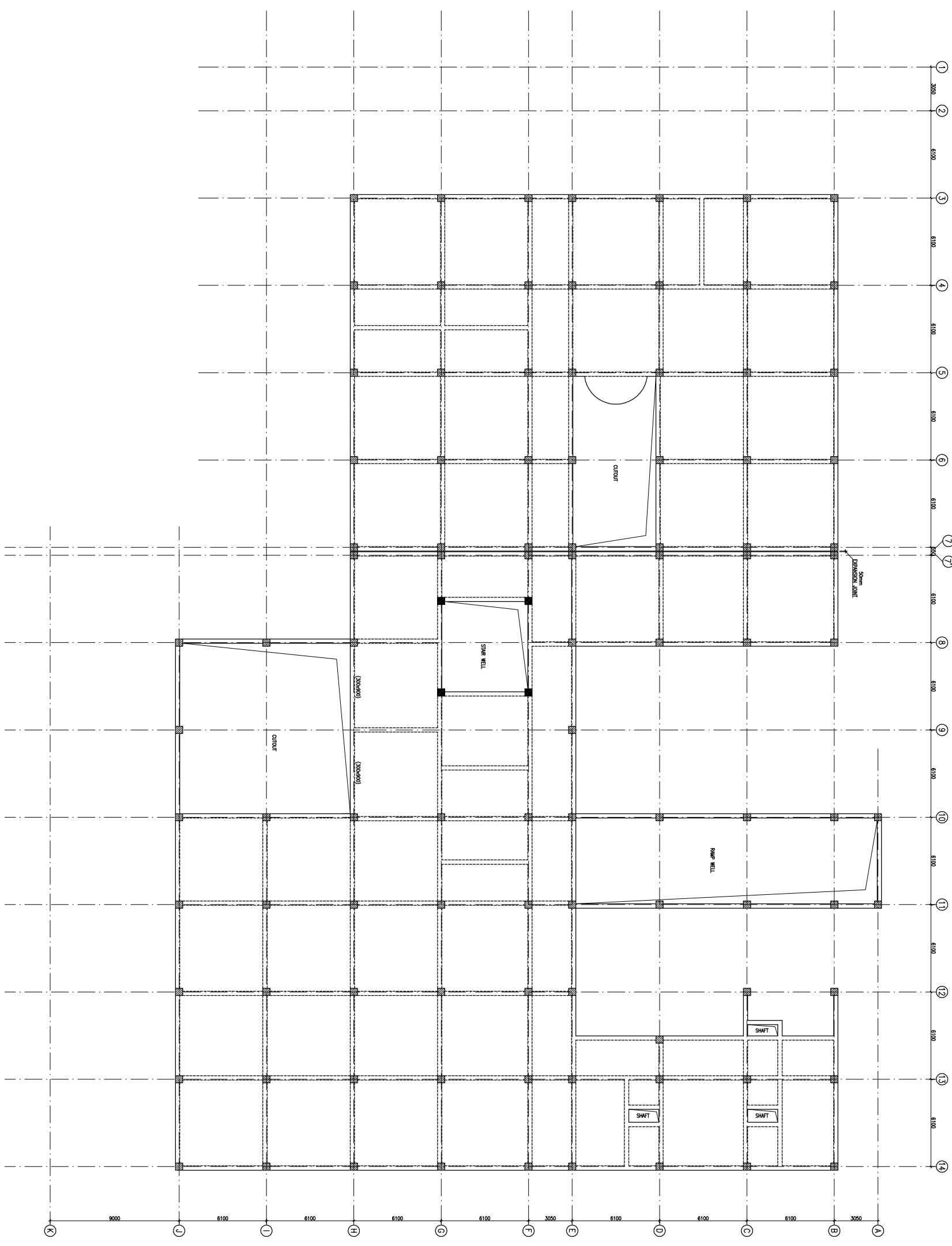
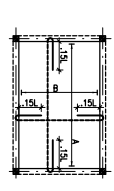
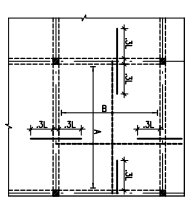
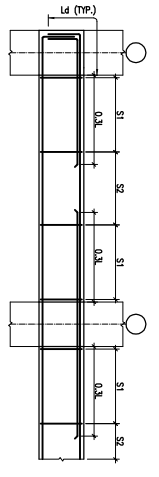
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HSCC
 NEW DELHI INDIA



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NOTES

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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 SUABLY 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 ϕ 6300 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR ϕ . SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR ϕ .



TERRACE LVL. BEAM FRAMING PLAN
(ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED)

REV. NO.	DATE	DESCRIPTION
1	01.04.13	OVERALL REVISION AS PER ARCH. FOR TENDER
0	27.02.13	

REVISION

PROJECT
PROPOSED
100 BEDDED HOSPITAL
RMNCH PROJECT,
CHATTISGARH

TITLE

TERRACE LVL. BEAM FRAMING PLAN

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

Drawing No.	REV. 1
HSCC/RMNC	APRIL-2013
JOB No.	SCALE
	DATE

APPROVED	REVIEWED	PREPARED
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NEW DELHI INDIA