

**CHHATTISGARH MEDICAL SERVICES CORPORATION
LIMITED**

(Government of Chhattisgarh)

Tender

For

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

Tender Drawings

VOLUME-VI

February' 2014



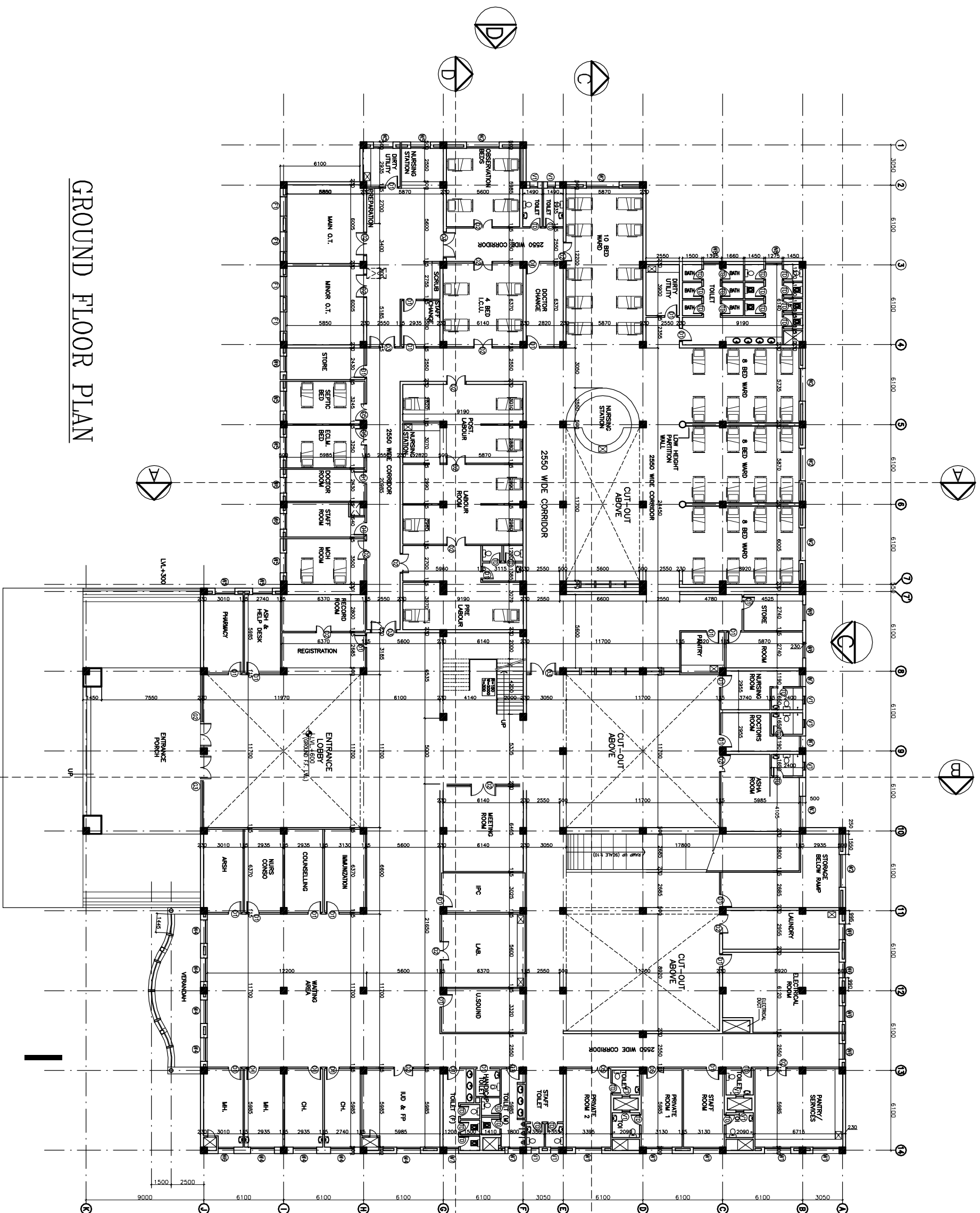
HSCC (INDIA) LTD.
(CONSULTANTS & ENGINEERS FOR MEGA HOSPITALS & LABORATORIES)
E-6(A), sector-1, NOIDA(U.P) 201301 (India)

Phone : 0120-2542436-40

Fax : 0120-2542447

Tender No. HSCC/NRHM/CG/2014 (IV) /01

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	750	—	2150	TOILET DOOR
6	DW1	5000	00	BEAM BOTTOM	
7	S1	4000	00	BEAM BOTTOM	
8	D62	5000	00	BEAM BOTTOM	
9	D63	5000	00	BEAM BOTTOM	
10	D4	5000	00	BEAM BOTTOM	
11	D4	5000	00	BEAM BOTTOM	
12	D4	5000	00	BEAM BOTTOM	
13	W1	2500	900	BEAM BOTTOM	
14	W2	2500	900	BEAM BOTTOM	
15	W3	1800	900	BEAM BOTTOM	
16	W4	1800	900	BEAM BOTTOM	
17	W5	1200	900	BEAM BOTTOM	
18	W7	900	900	BEAM BOTTOM	
19	W8	1275	1200	2150	BEAM BOTTOM
20	V1	600	2150	BEAM BOTTOM	
21	F1	1500	2150	BEAM BOTTOM	

NOTES

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PROJECT
RMNCH PROJECT
 Proposed
 100 Bedded Hospital
 at
 CHATTISGARH

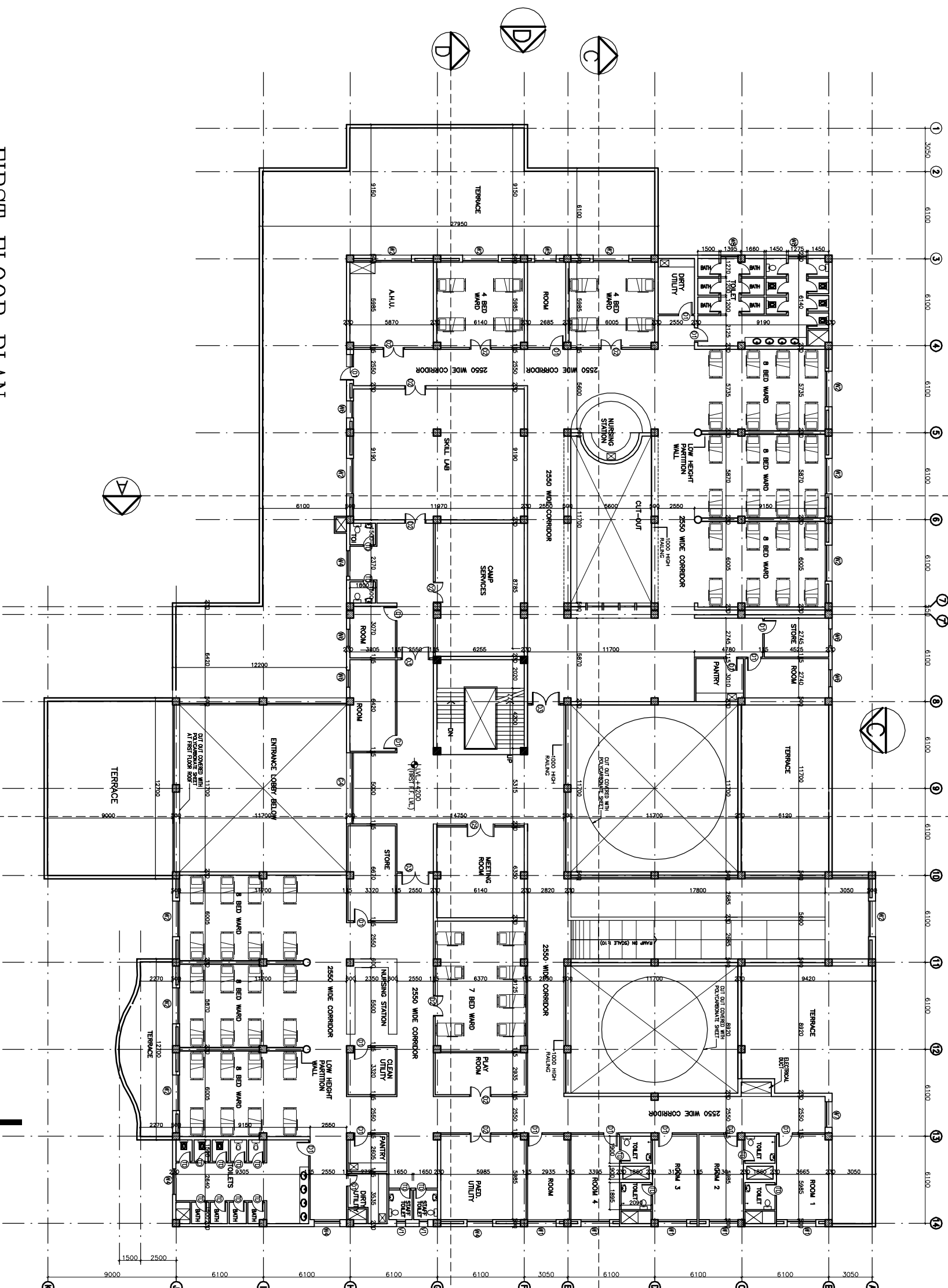
TITLE
 GROUND
 FLOOR PLAN
 (COVERED AREA=3022 SQ. MT.)

Working DRAWINGS
 (ARCHITECTURE)

BSCC/100 BED/D/002 R-0
 Drawing No. Rev.
 Job No. Scale 1:150 Date 27-05-2013
 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	DW2	4000	00	BEAM BOTTOM	
8	DW3	3600	00	BEAM BOTTOM	
9	DW4	3600	00	BEAM BOTTOM	
10	DW5	3600	00	BEAM BOTTOM	
11	DW6	3600	00	BEAM BOTTOM	
12	DW7	3600	00	BEAM BOTTOM	
13	DW8	2500	00	BEAM BOTTOM	
14	DW9	2400	00	BEAM BOTTOM	
15	DW10	1800	00	BEAM BOTTOM	
16	DW11	1500	00	BEAM BOTTOM	
17	DW12	1200	00	BEAM BOTTOM	
18	DW13	900	00	BEAM BOTTOM	
19	DW14	1275	1200	2150	BEAM BOTTOM
20	DW15	600	2150	BEAM BOTTOM	
21	F1	1500	2150	BEAM BOTTOM	

NOTES

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REV.	DATE	DESCRIPTION

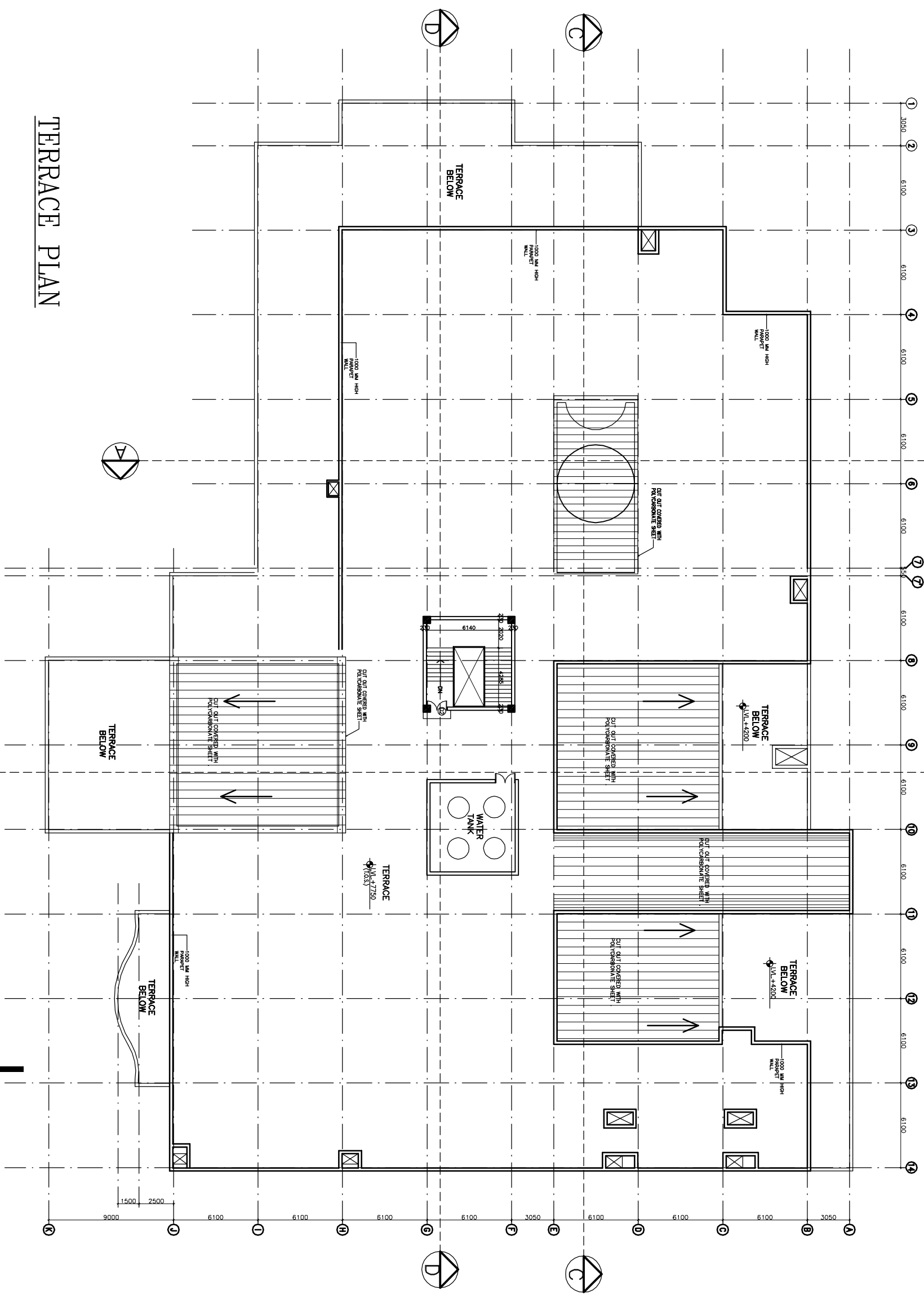
PROJECT
RMNCH PROJECT
 Proposed
 100 Bedded Hospital
 of
 CHATTISGARH

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

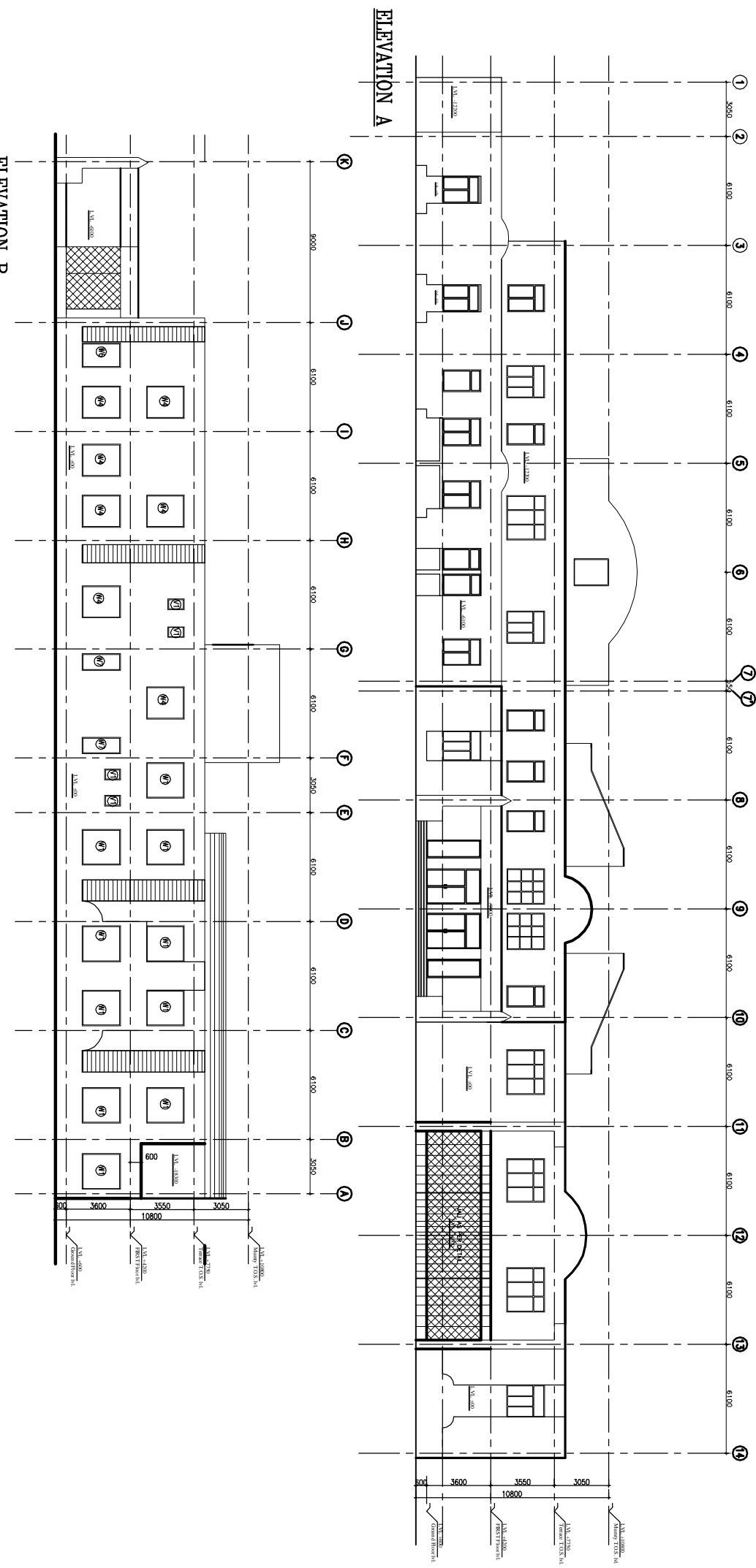
TITLE
 TERRACE
 FLOOR PLAN
 Working Drawings
 (ARCHITECTURE)

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

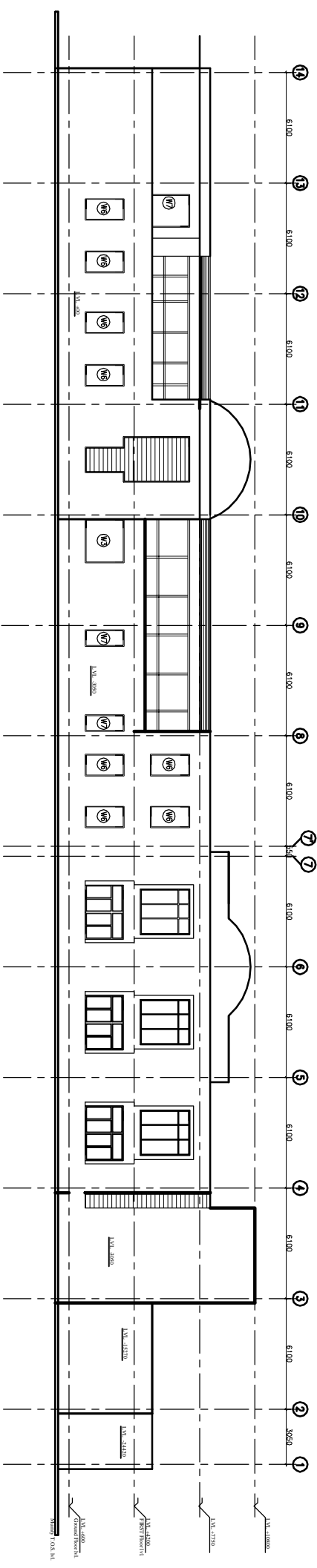
App by: Rev. by: Prep. by:

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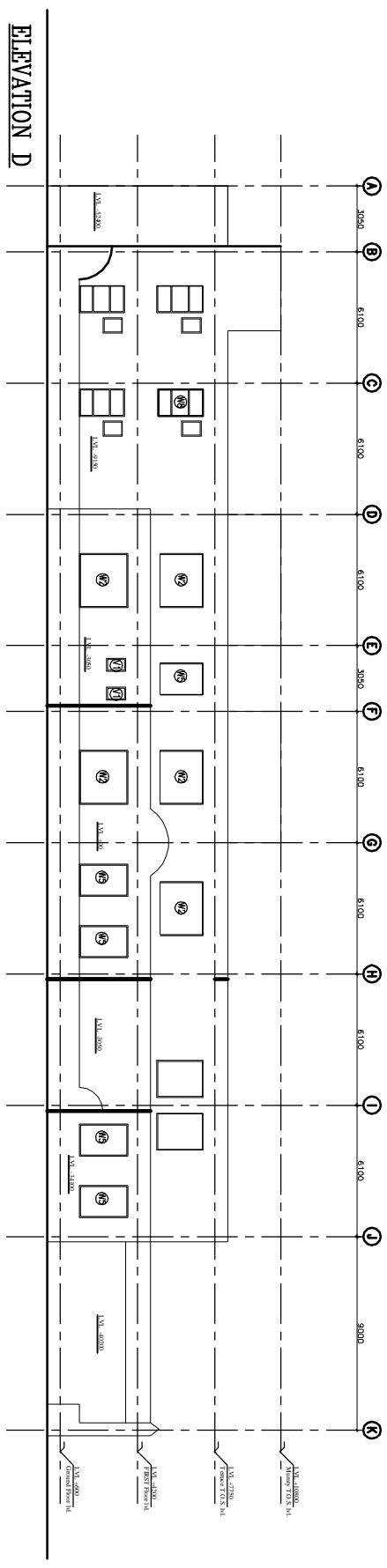
NOTES



ELEVATION B



ELEVATION C



ELEVATION D

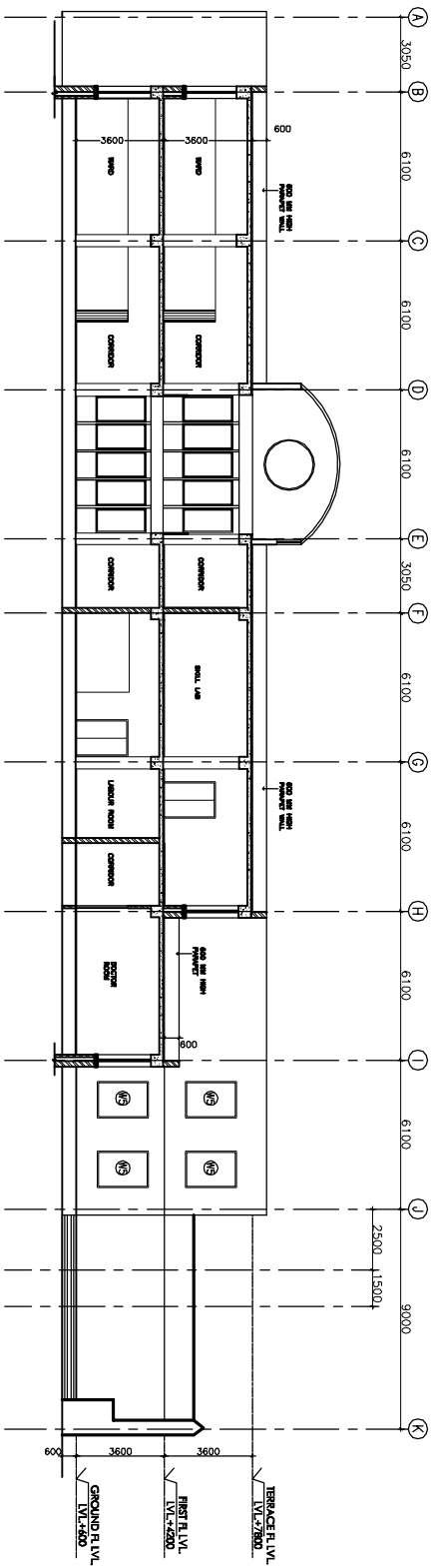
REV.	DATE	DESCRIPTION

PROJECT
RMNCH PROJECT
 Proposed
 100 Bedded Hospital
 at
 CHATTISGARH

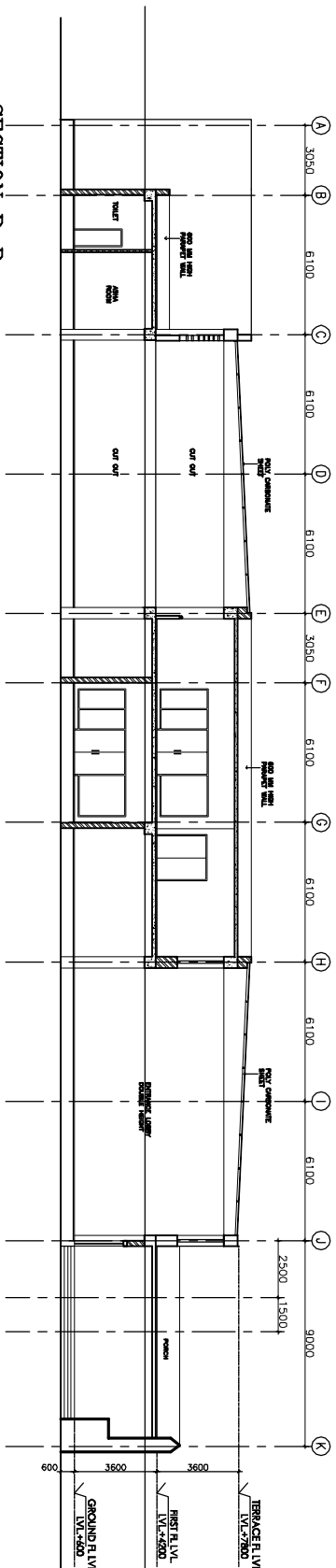
TITLE
 ELEVATION
 Working Drawings
 (ARCHITECTURE)

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

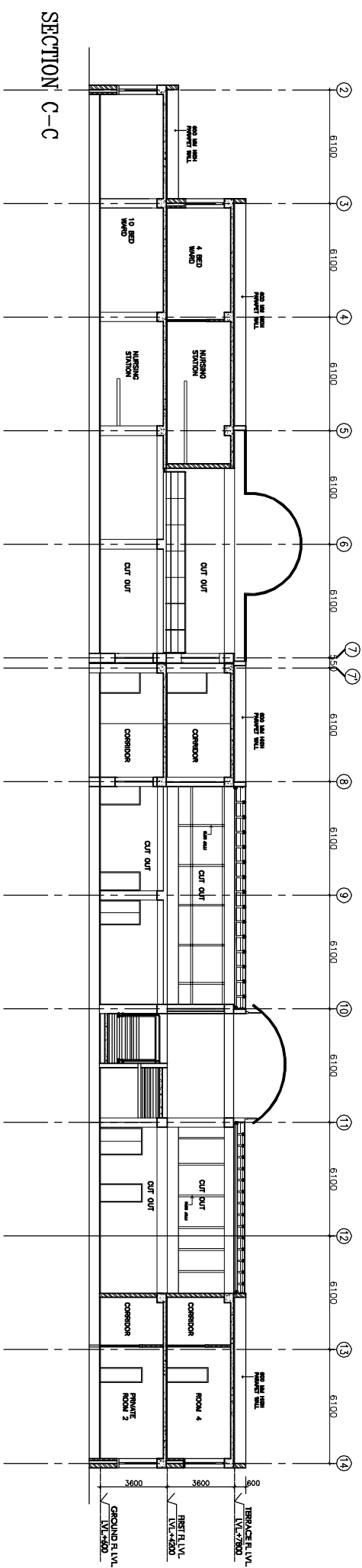
App by Rev. by Prep. by



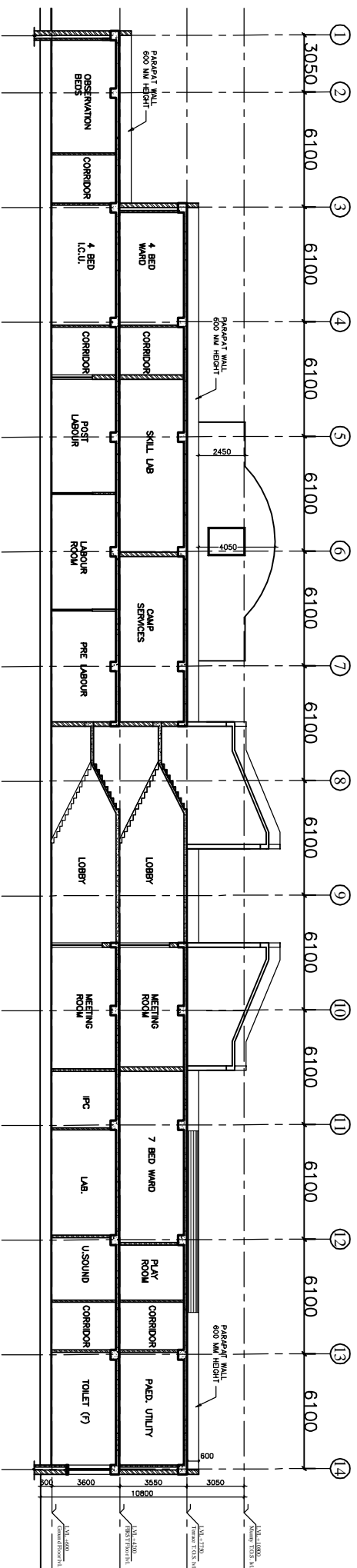
SECTION A-A



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)

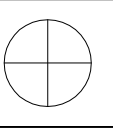
HSCC/100 BBD/TD/005 R-0
 Drawing No. Rev.

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

App. by Rev. by Prep. by

STRUCTURE

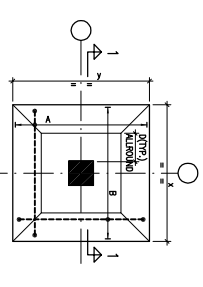
DRAWINGS



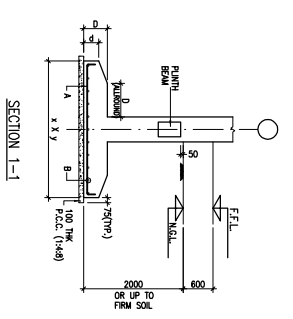
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NOTES

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.



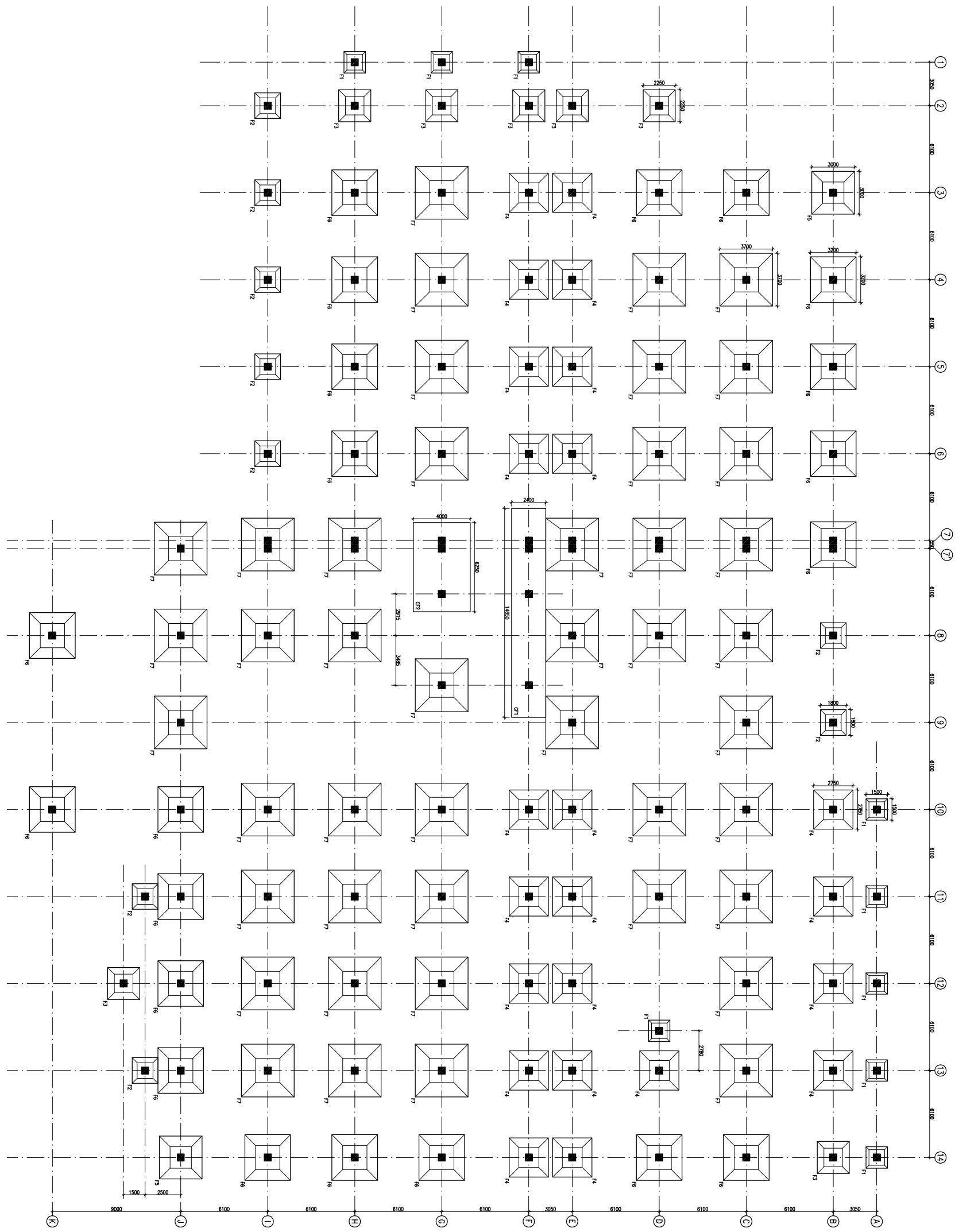
TYPICAL DETAIL OF TAPERED FOOTING



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

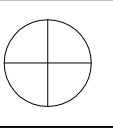
APPROVED REVIEWED PREPARED

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HSCC
INDIA
NEW DELHI

PROJECT
PROPOSED
100 BEDDED HOSPITAL
RMNC PROJECT,
CHATTISGARH

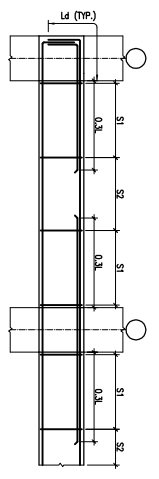
TITLE



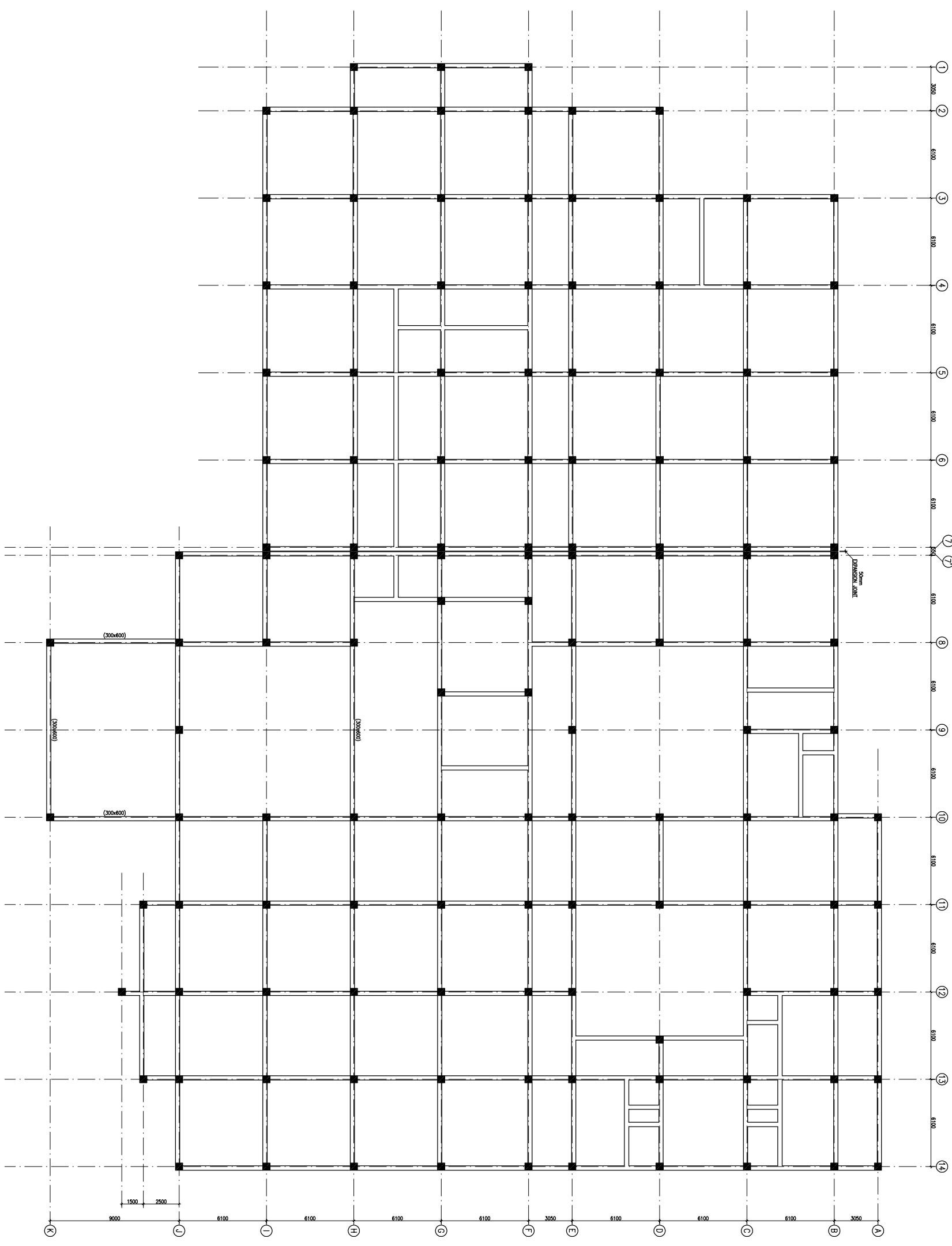
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NOTES

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



TOP-BEAM R/F DETAILS



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

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

PROJECT

PROPOSED
100 BEDDED HOSPITAL
RMNCH PROJECT,
CHATTISGARH

TITLE

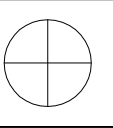
PLINTH BEAM FRAMING PLAN

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

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

APPROVED	REVIEWED	PREPARED
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7. ALL LAP LENGTHS = 50xSMALLER BAR ϕ . ALL LAPS TO PLANNED SUABLY AS PER SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR ϕ .

REV. NO.	REV. DATE	DESCRIPTION
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0	27.02.13	

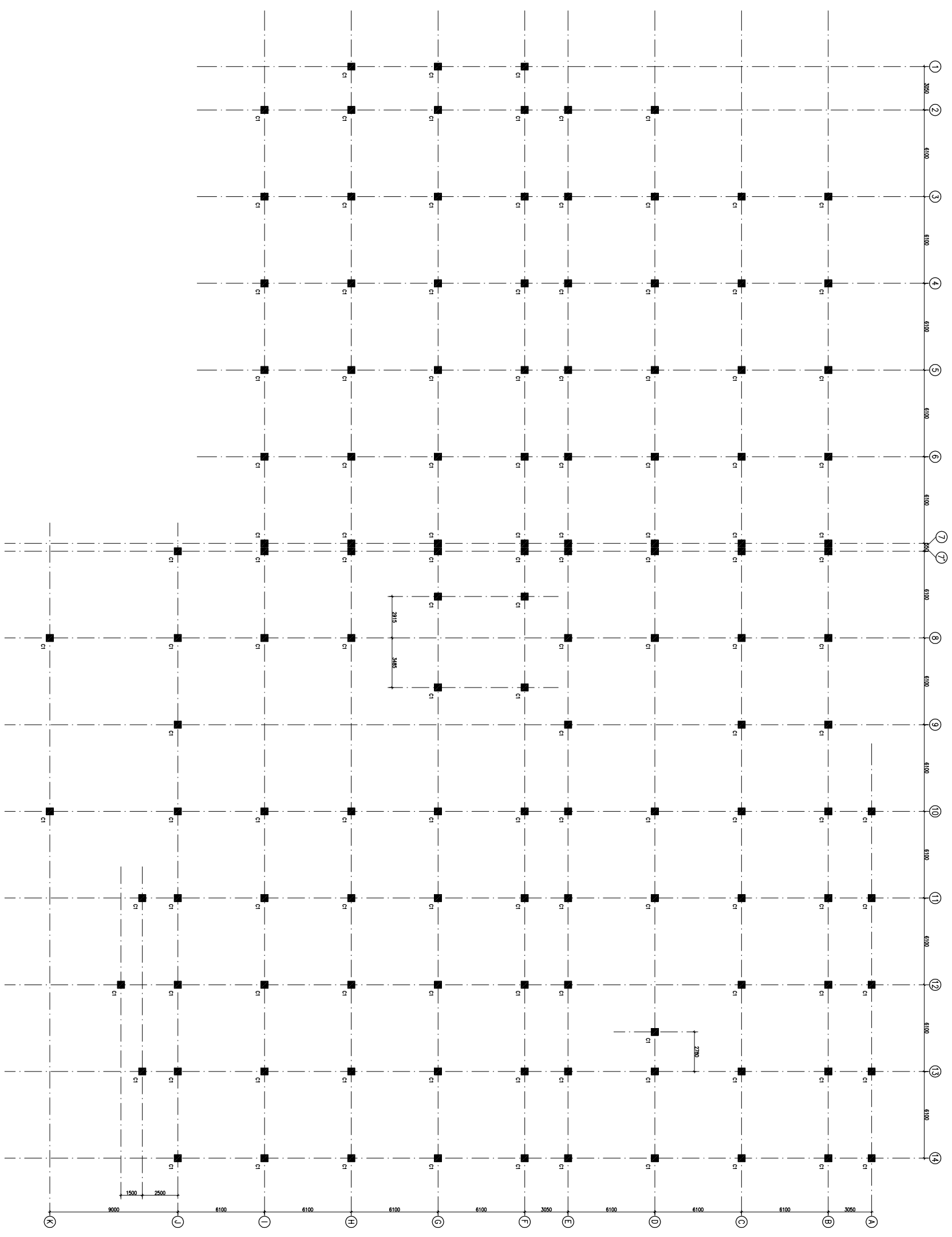
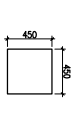
PROJECT

PROPOSED
100 BEDDED HOSPITAL
RMNCH PROJECT,
CHATTISGARH

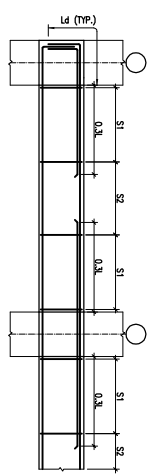
TITLE

COLUMN LAYOUT PLAN

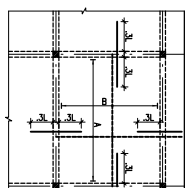
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Drawing No.	REV. 1
HSCC/RMNC	APRIL-2013
JOB No.	SCALE
	DATE
APPROVED	REVIEWED
	PREPARED



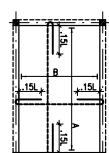
COLUMN LAYOUT PLAN



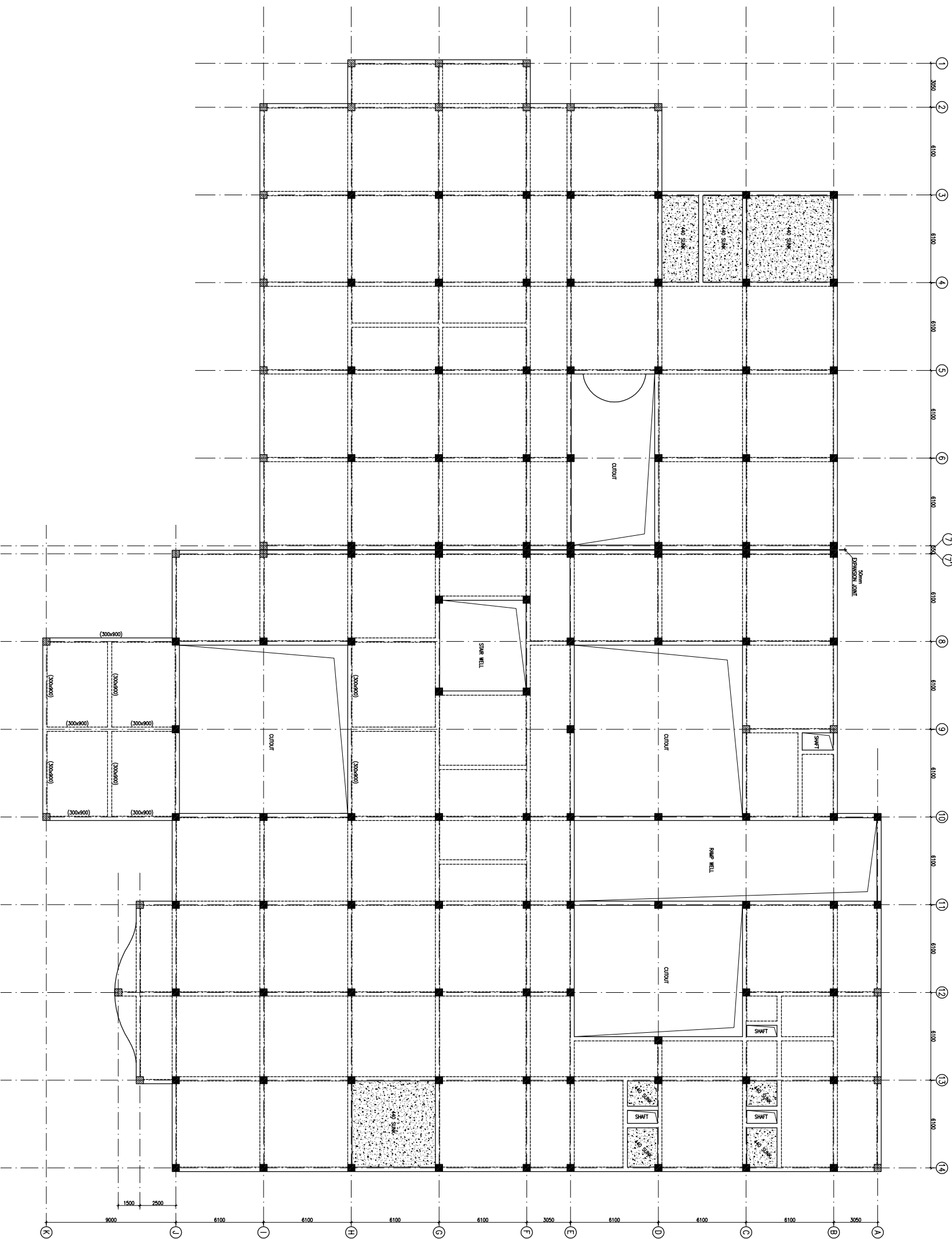
TYP. BEAM R/F DETAILS



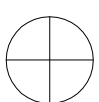
TYP. SLAB R/F DETAIL



TYP. SUNKEN SLAB R/F DETAIL



FIRST FLOOR BEAM FRAMING PLAN
(ALL DIMENSIONS ARE IN mm & LWS IN m)



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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 .

REV	DATE	DESCRIPTION
1	01.04.13	OVERALL REISED 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/RMNC/H/D&E/ST-T-1004

Drawing No.	REV.
HSCC/RMNC	1

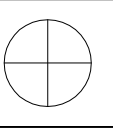
JOB No.	SCALE	DATE
	1:150	APRIL-2013

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QA GOVERNMENT OF INDIA ENTERPRISES

HSCC
INDIA
NEW DELHI

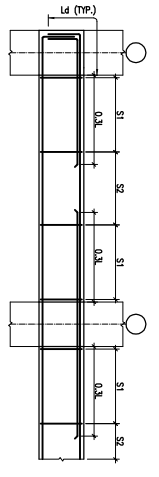
APPROVED
REVIEWED
PREPARED



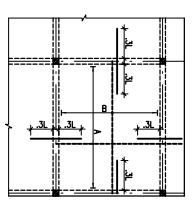
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NOTES

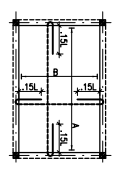
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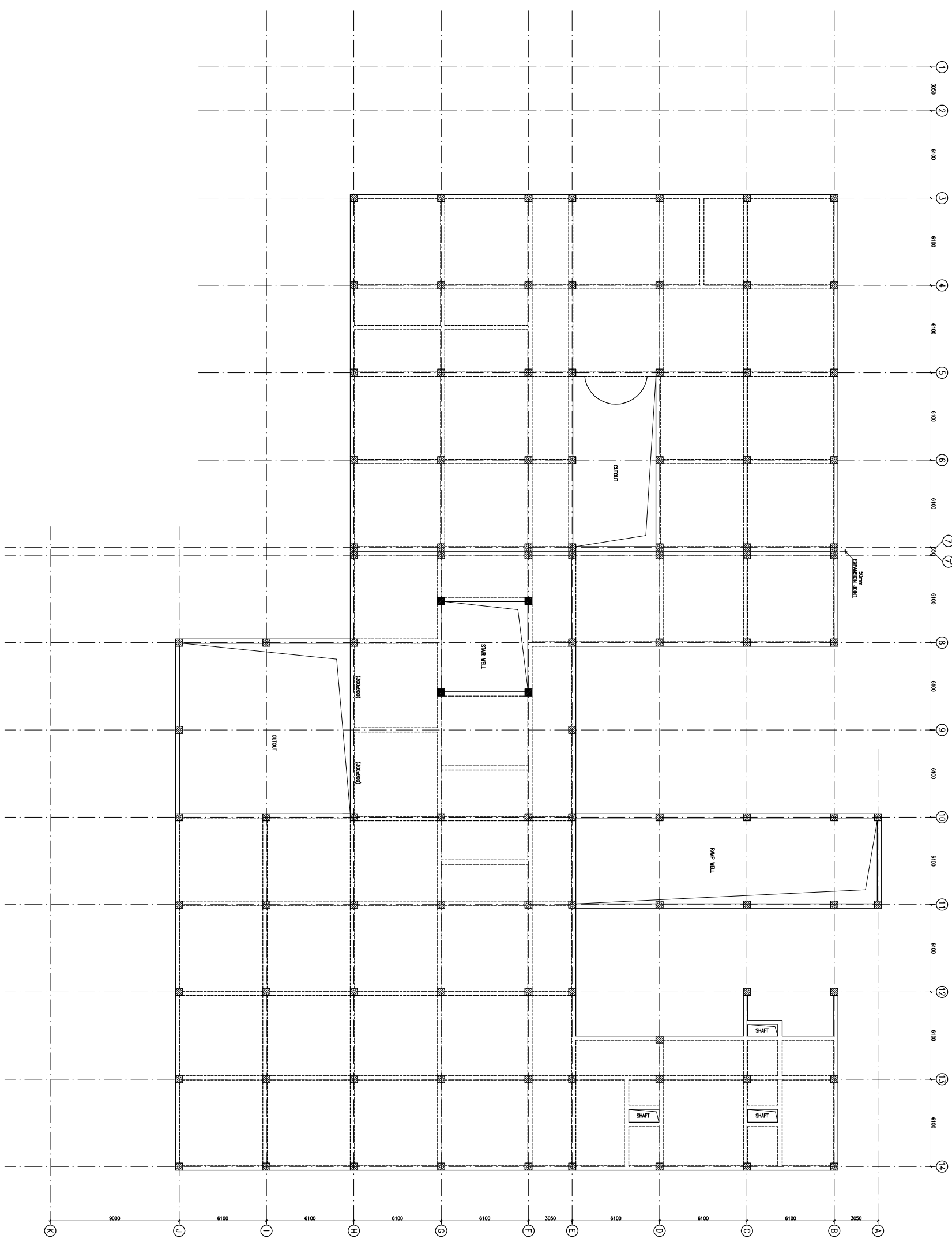
TYP. BEAM R/F DETAILS



TYP. SLAB R/F DETAIL



TYP. SUNKEN SLAB R/F DETAIL



TERRACE LVL. BEAM FRAMING PLAN
(ALL 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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