

**CHHATTISGARH MEDICAL SERVICES CORPORATION
LIMITED**

(Government of Chhattisgarh)

Tender

For

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

Tender Drawings

VOLUME-VI

February' 2014



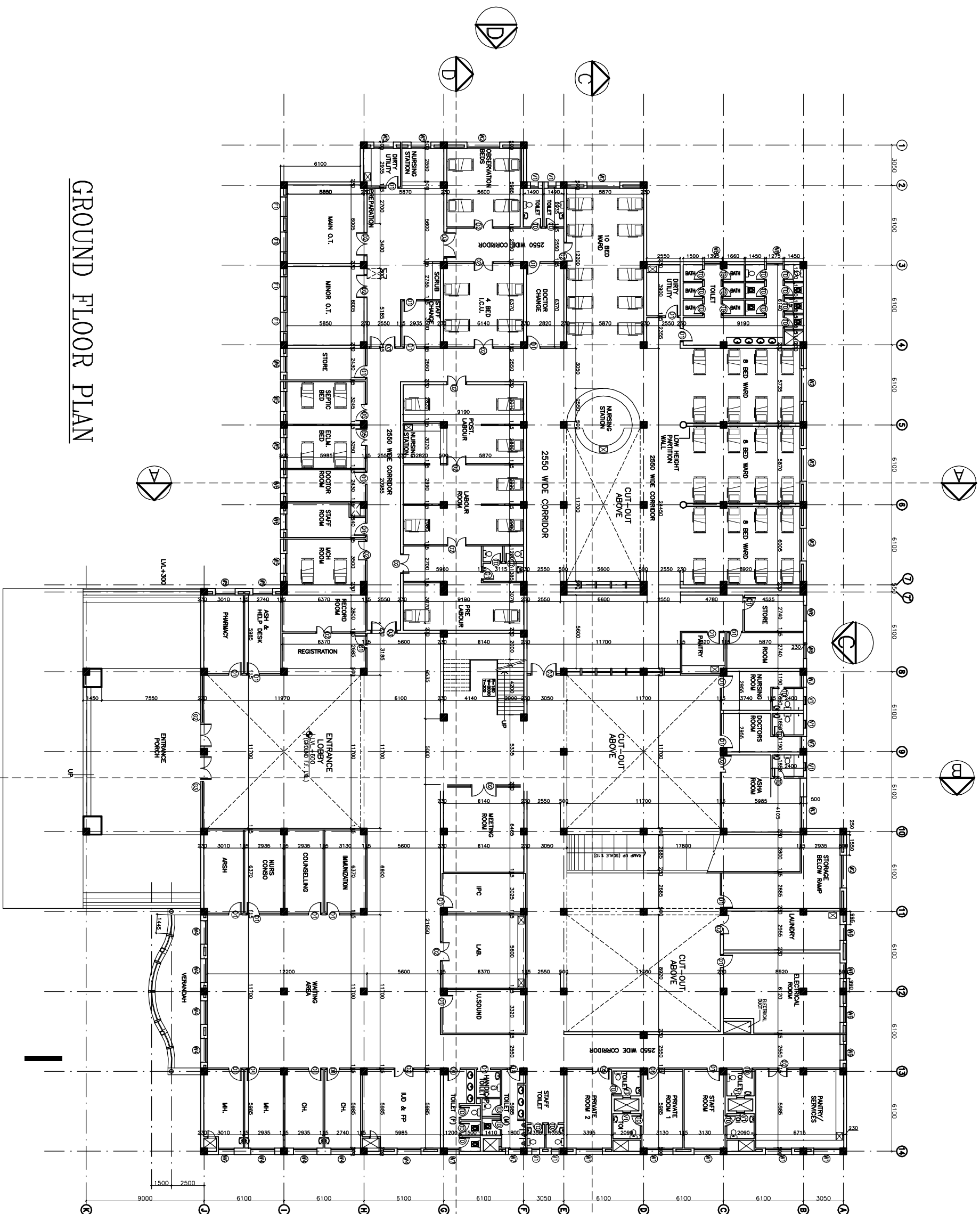
**HSCC (INDIA) LTD.
(CONSULTANTS & ENGINEERS FOR MEGA HOSPITALS & LABORATORIES)
E-6(A), sector-1, NOIDA(U.P) 201301 (India)**

Phone : 0120-2542436-40

Fax : 0120-2542447

Tender No. HSCC/NRHM/CG/2014 (IV) /06

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	D02	5000	00	BEAM BOTTOM	
9	D03	5000	00	BEAM BOTTOM	
10	D4	5000	00	BEAM BOTTOM	
11	D5	5000	00	BEAM BOTTOM	
12	D6	2500	00	BEAM BOTTOM	
13	D7	2500	00	BEAM BOTTOM	
14	D8	2500	00	BEAM BOTTOM	
15	D9	1800	00	BEAM BOTTOM	
16	D10	1500	00	BEAM BOTTOM	
17	D11	1200	00	BEAM BOTTOM	
18	D12	900	00	BEAM BOTTOM	
19	D13	1275	1200	2150	
20	D14	600	2150	BEAM BOTTOM	
21	D15	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)

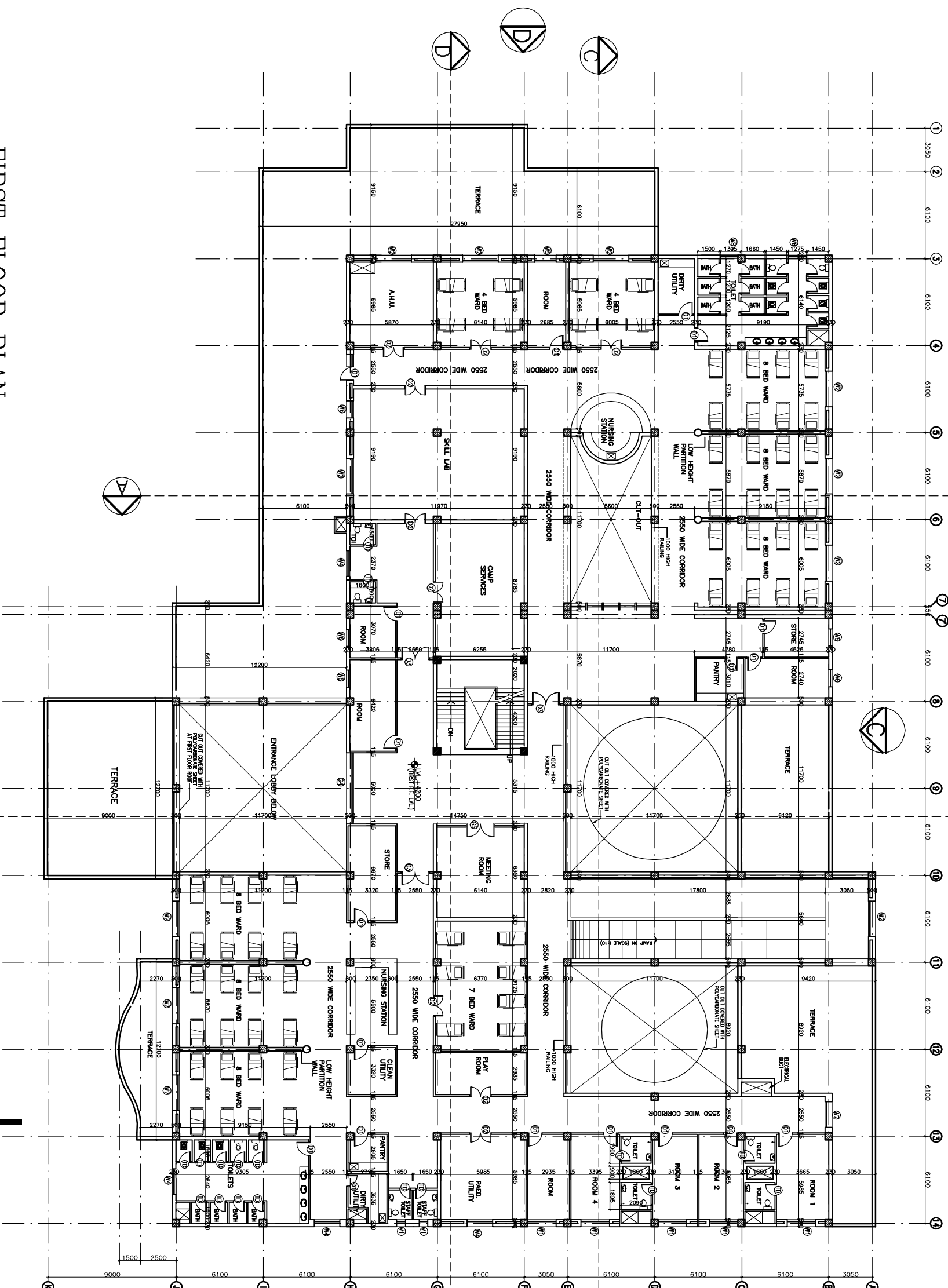
BSCC/100 BED/7D/002
 Drawing No. R-0
 Rev.

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	D5	1350	—	2150	
5	D7	750	—	2150	TOILET DOOR
6	DW1	5600	00	BEAM BOTTOM	
7	D1	4000	00	BEAM BOTTOM	
8	D02	3600	00	BEAM BOTTOM	
9	D03	3600	00	BEAM BOTTOM	
10	D4	5000	00	BEAM BOTTOM	
11	D5	5000	00	BEAM BOTTOM	
12	D1	2500	00	BEAM BOTTOM	
13	D1	2500	00	BEAM BOTTOM	
14	D4	2400	00	BEAM BOTTOM	
15	D4	1800	00	BEAM BOTTOM	
16	D6	1500	00	BEAM BOTTOM	
17	D6	1200	00	BEAM BOTTOM	
18	D7	900	00	BEAM BOTTOM	
19	D8	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
 of
 CHATTISGARH

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

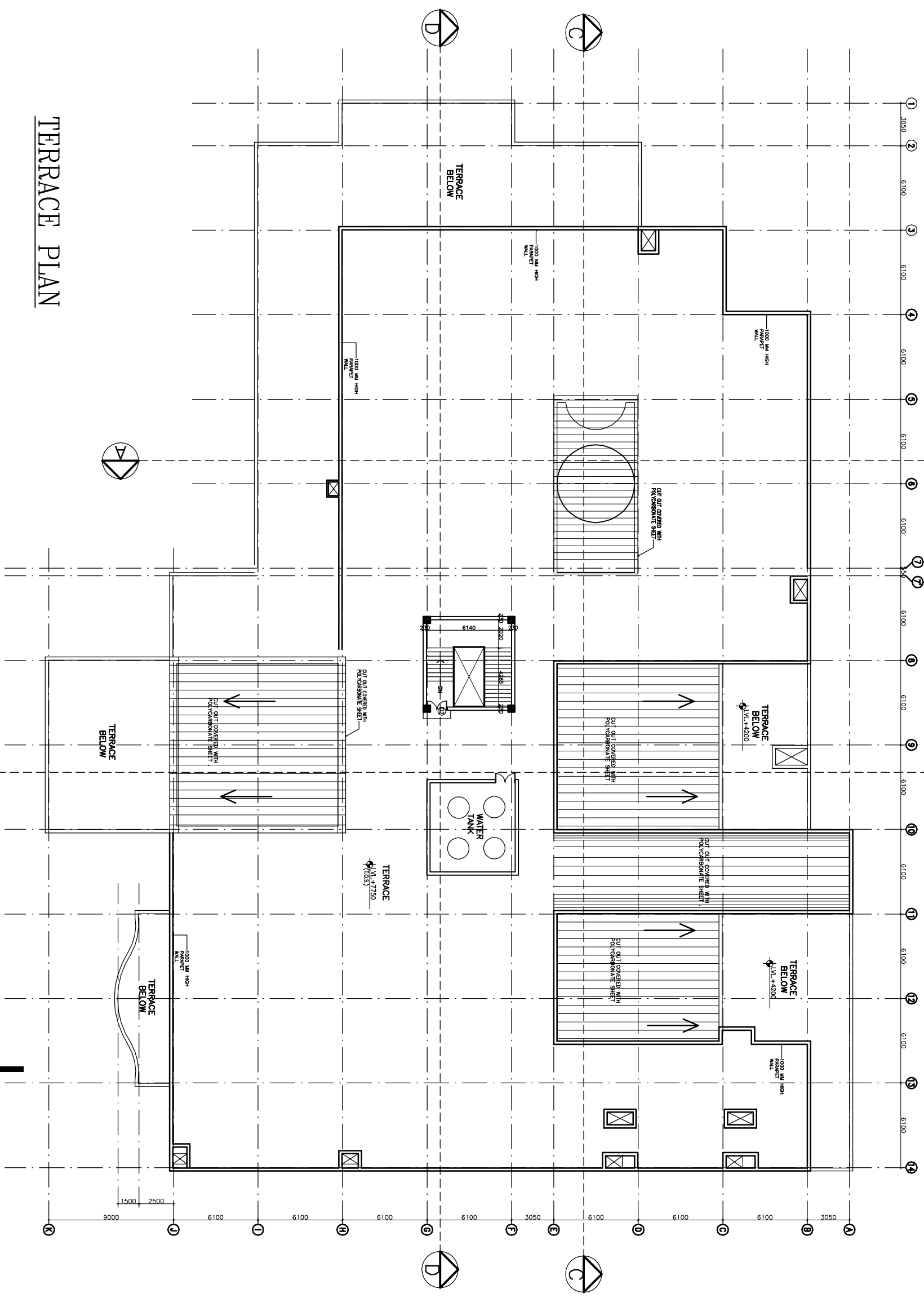
WORKING DRAWINGS
 (ARCHITECTURE)

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

REV.	DATE	DESCRIPTION

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NOTES



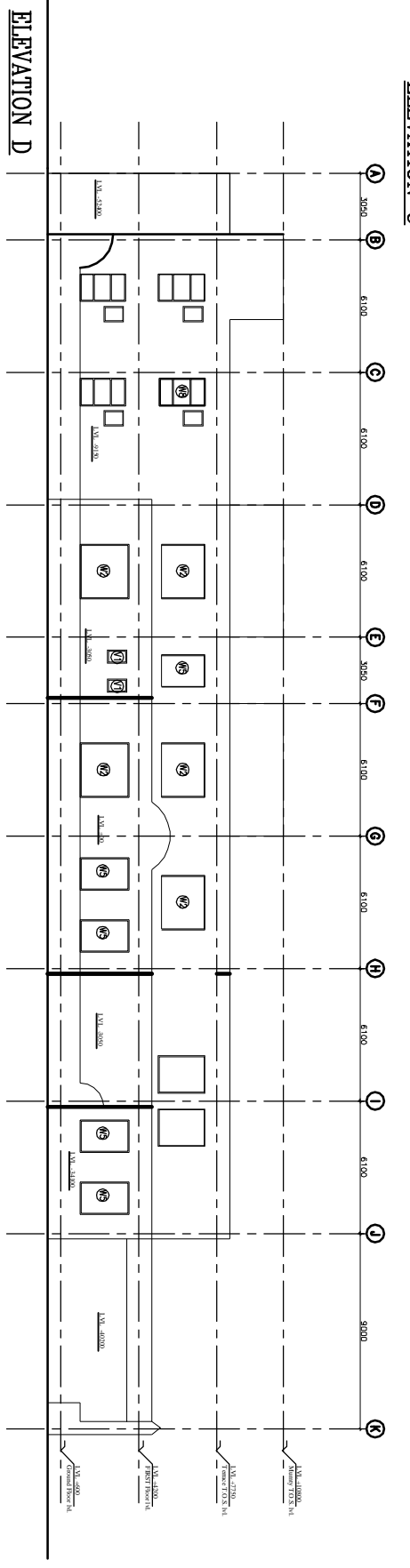
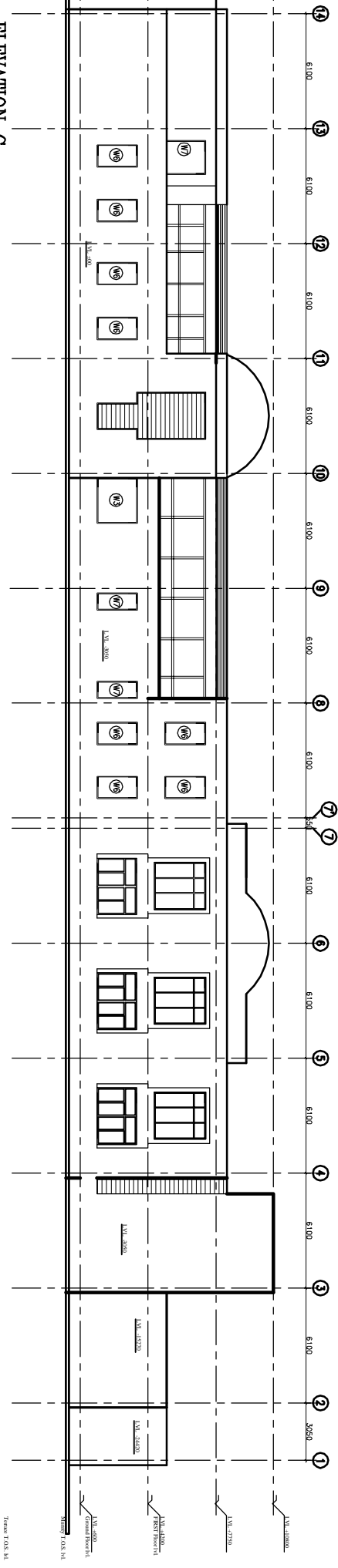
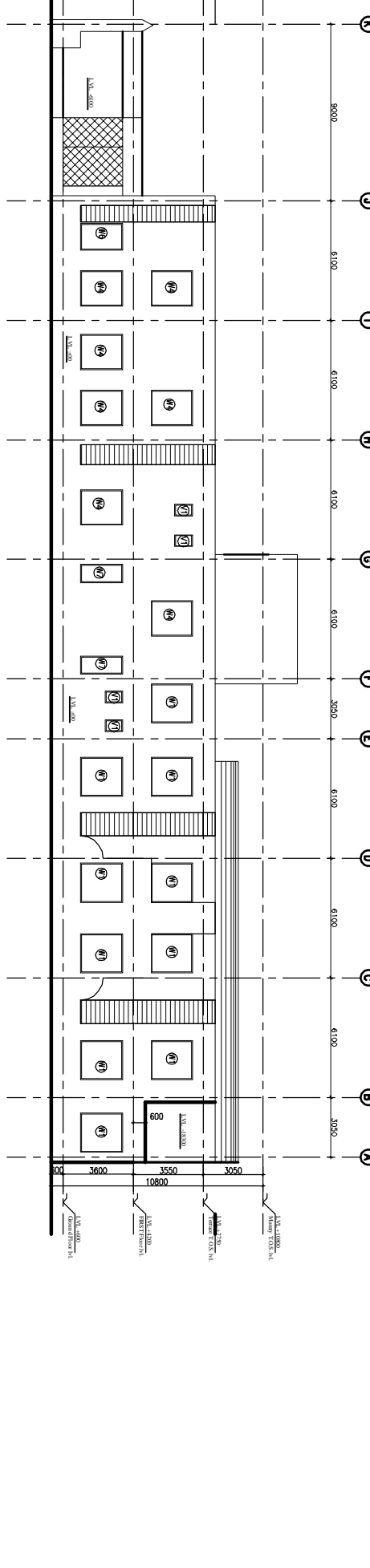
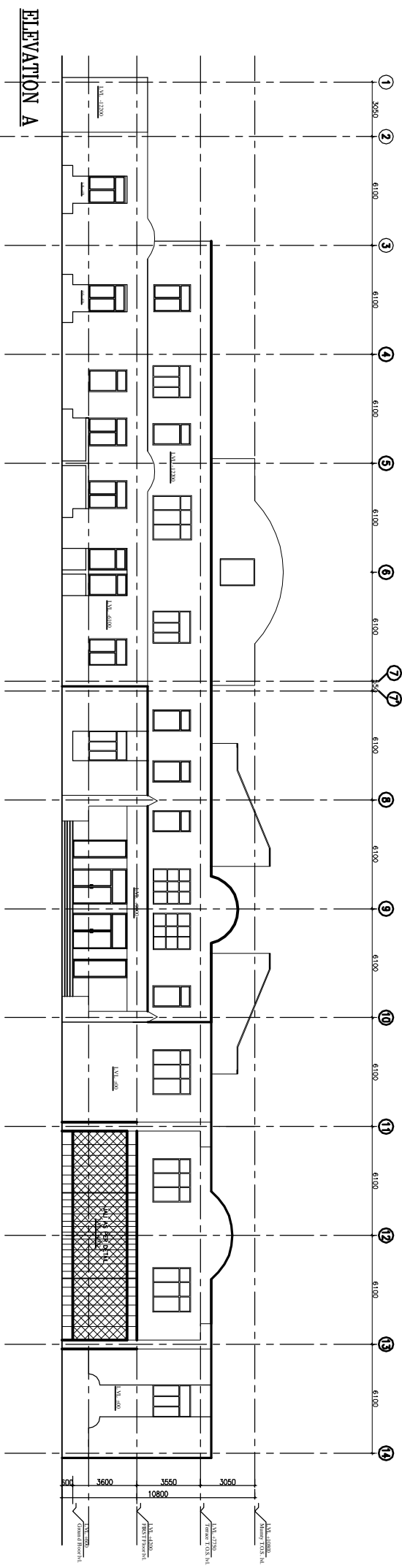
TERRACE PLAN

REV.	DATE	DESCRIPTION

PROJECT
RMNCH PROJECT
 Proposed
 100 Bedded Hospital
 of
 CHATTISGARH

TITLE
 TERRACE
 FLOOR PLAN
 Working Drawings
 (ARCHITECTURE)

HSCC/100 BED/1D/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

REV.	DATE	DESCRIPTION

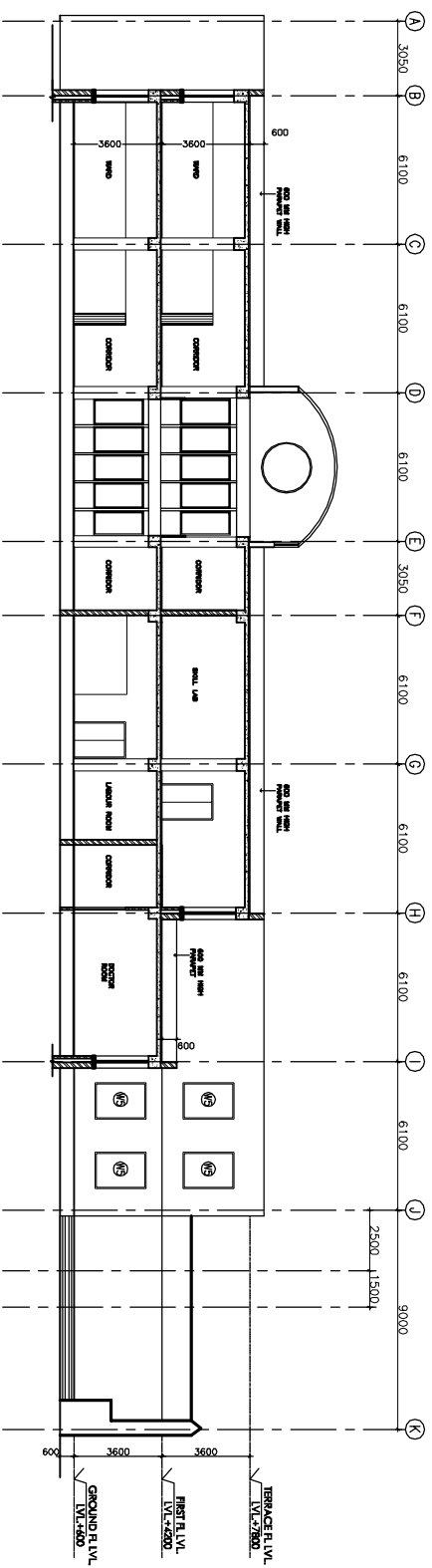
PROJECT
 RMNCH PROJECT
 Proposed
 100 Bedded Hospital
 of
 CHATTISGARH

TITLE
 ELEVATION
 Working Drawings
 (ARCHITECTURE)

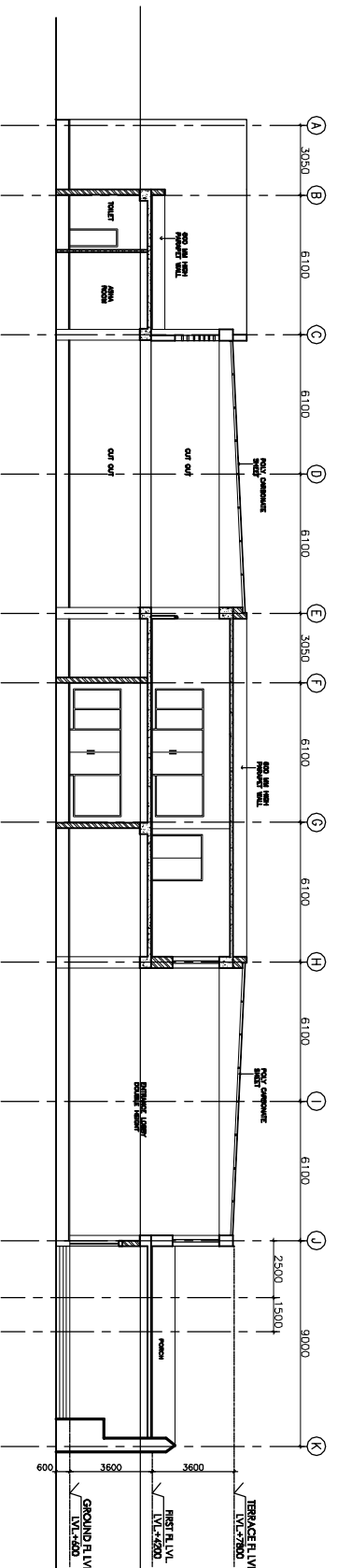
HSCC/100 BED/TD/004 R-0
 Rev.

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

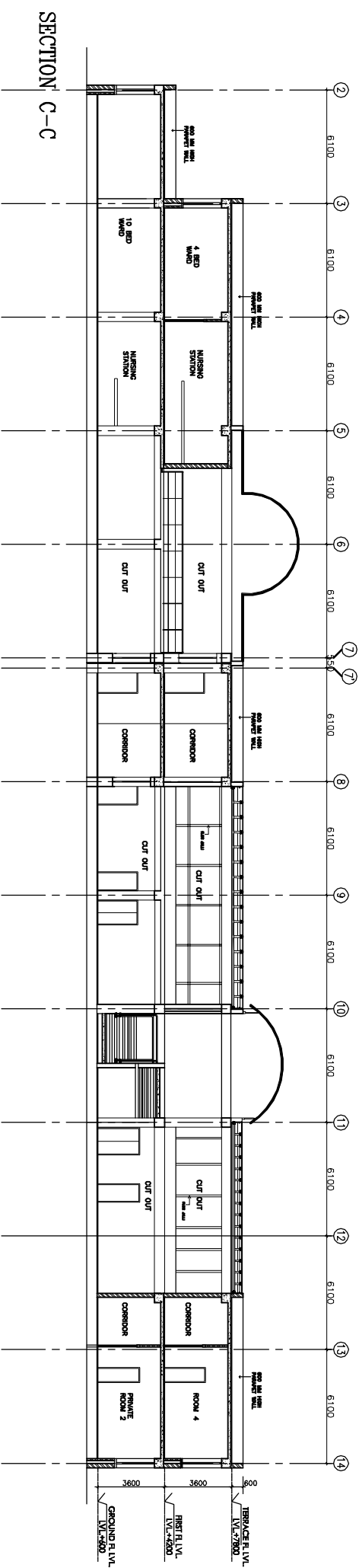
App by	Rev. by	Prep. by



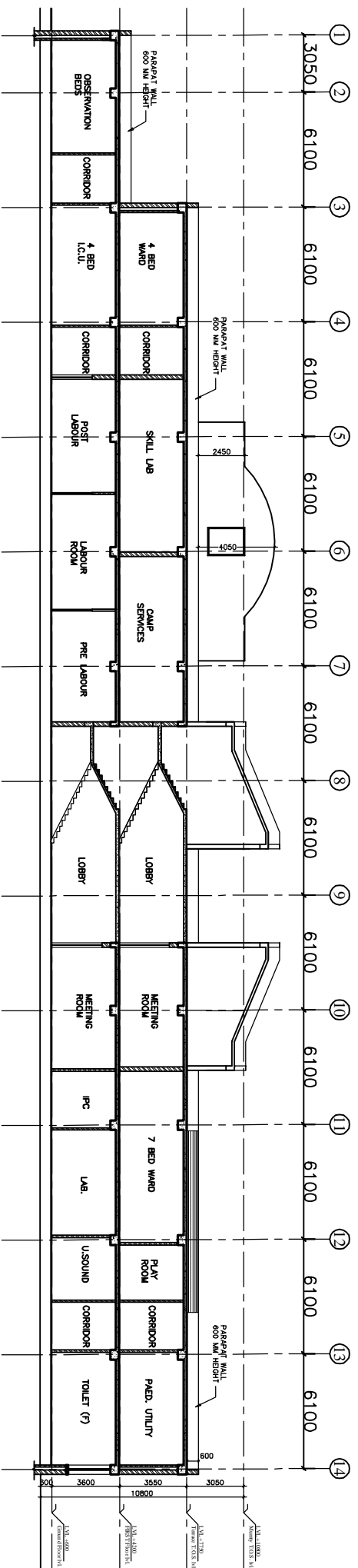
SECTION A-A



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

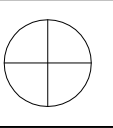
SECTIONS
WORKING DRAWINGS
(ARCHITECTURE)

HSCC/100 BBD/TD/005	R-0
Drawing No.	Rev.
1:150	27-05-2013
Scale	Date

App by	Rev. by	Prep. by

STRUCTURE

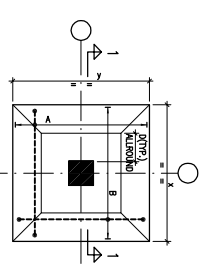
DRAWINGS



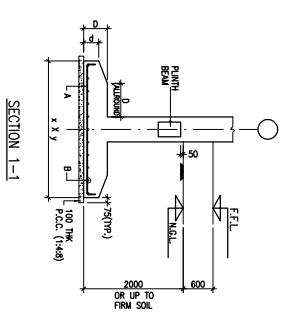
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NOTES

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.



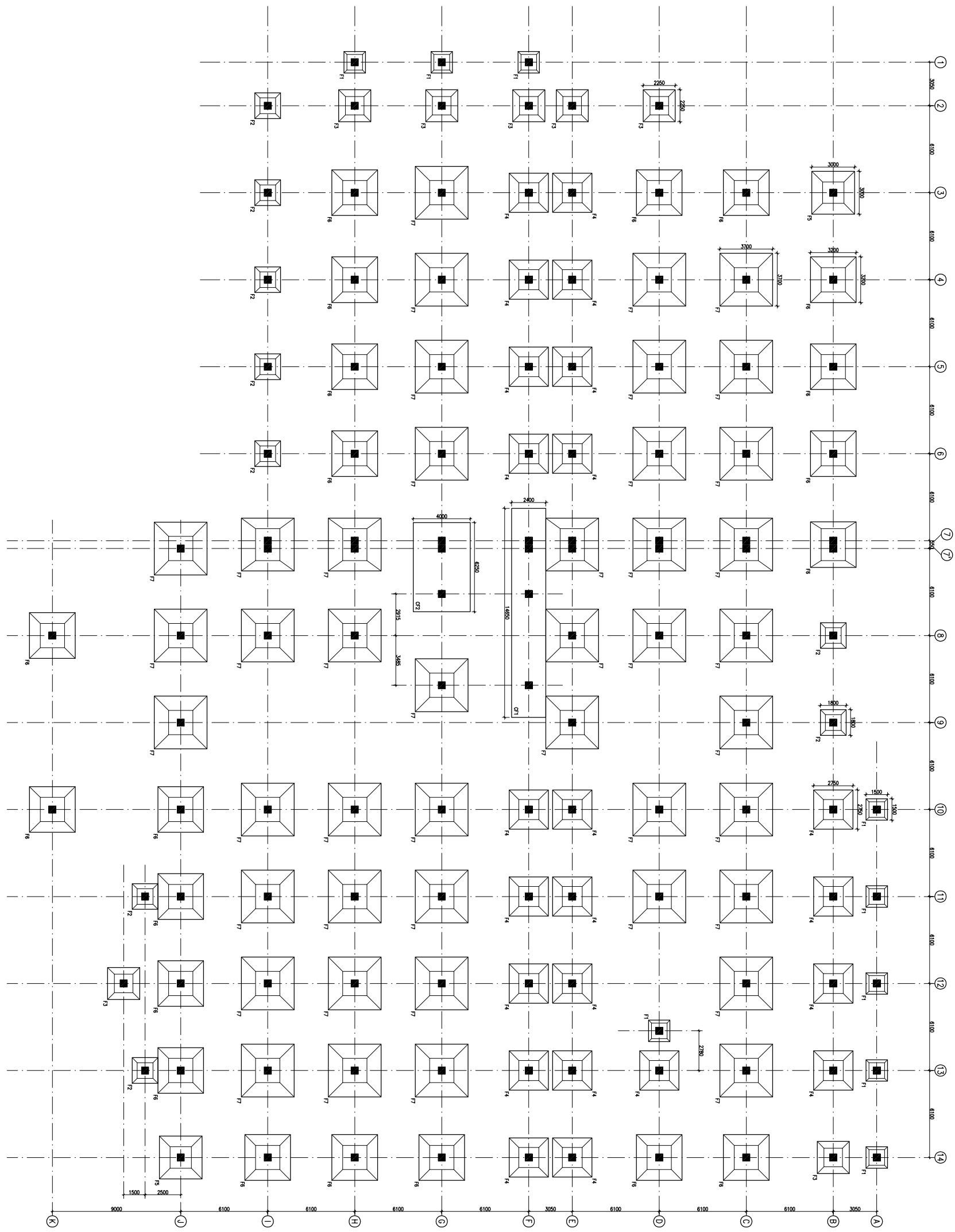
TYPICAL DETAIL OF TAPERED FOOTING



SECTION 1-1

FOOTING SCHEDULE

S.No.	MD.	SEMI-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

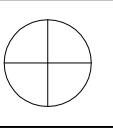
HSCC INDIA LTD.
A GOVERNMENT OF INDIA ENTERPRISE

HSCC
INDIA
NEW DELHI

PROJECT
PROPOSED
100 BEDDED HOSPITAL
RMNC PROJECT,
CHATTISGARH

TITLE

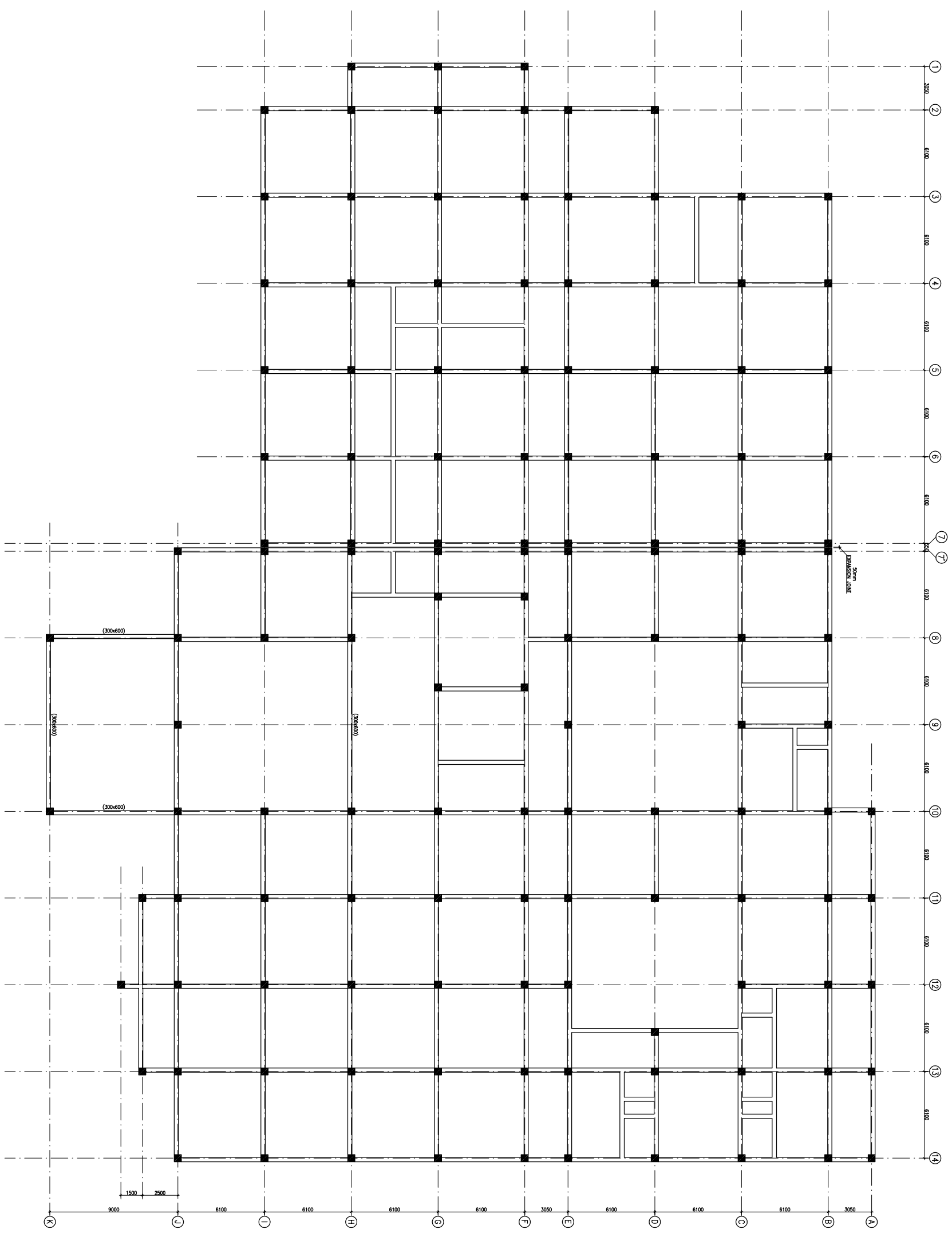
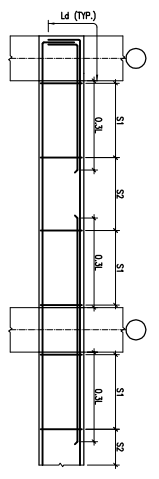
REV	DATE	DESCRIPTION
1	01.04.13	OVERALL REVISION AS PER MCH.
0	27.02.13	FOR TENDER



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NOTES

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 . ALL LAPS TO BE PLANNED SUITABLY AS PER SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR ϕ .



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

REVISION

PROJECT
PROPOSED
100 BEDDED HOSPITAL
RMNCH PROJECT,
CHATTISGARH

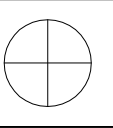
TITLE

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

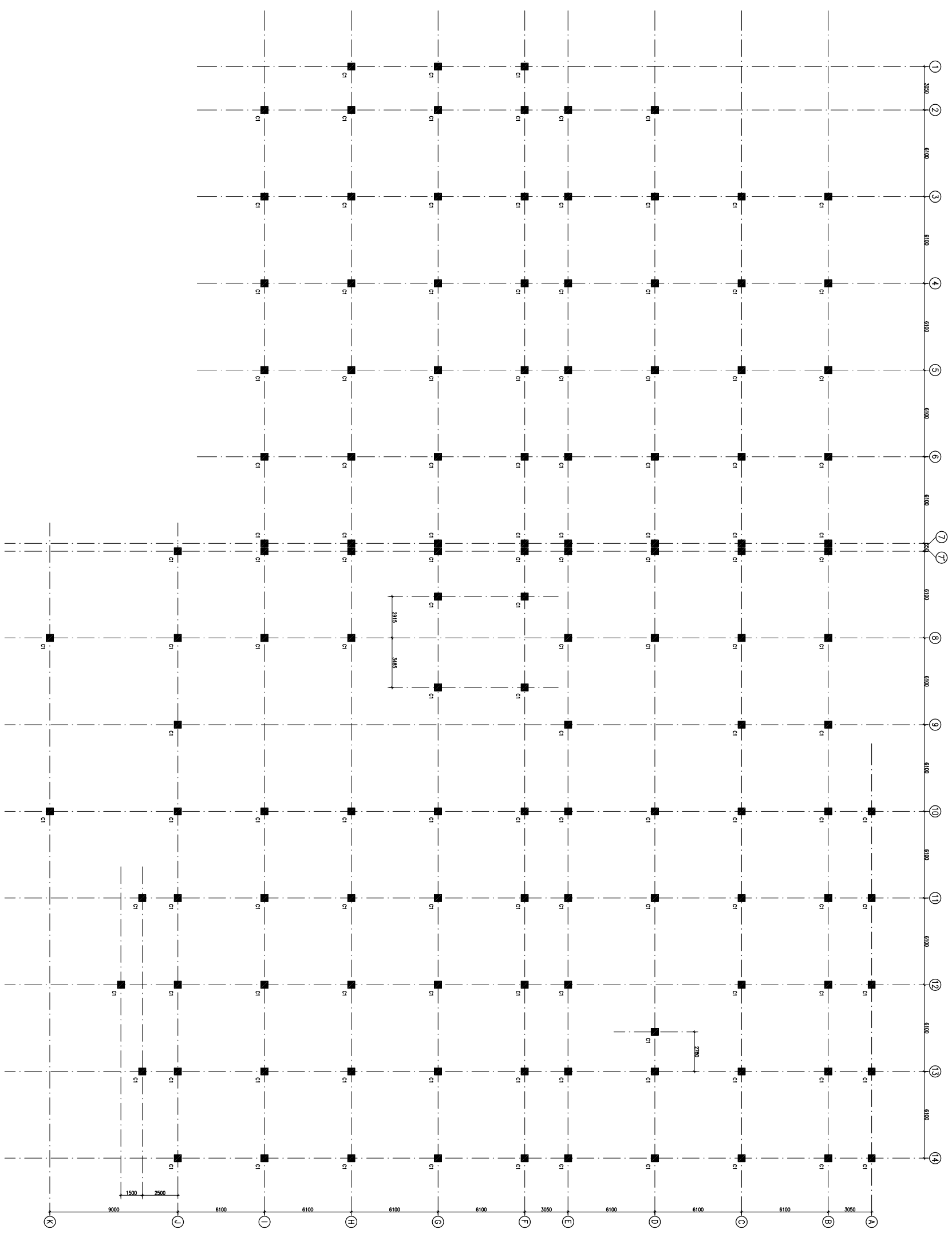
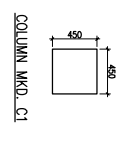
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HSCC
NEW DELHI INDIA



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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 .



REV. 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

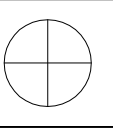
COLUMN LAYOUT PLAN

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

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HSCC
INDIA

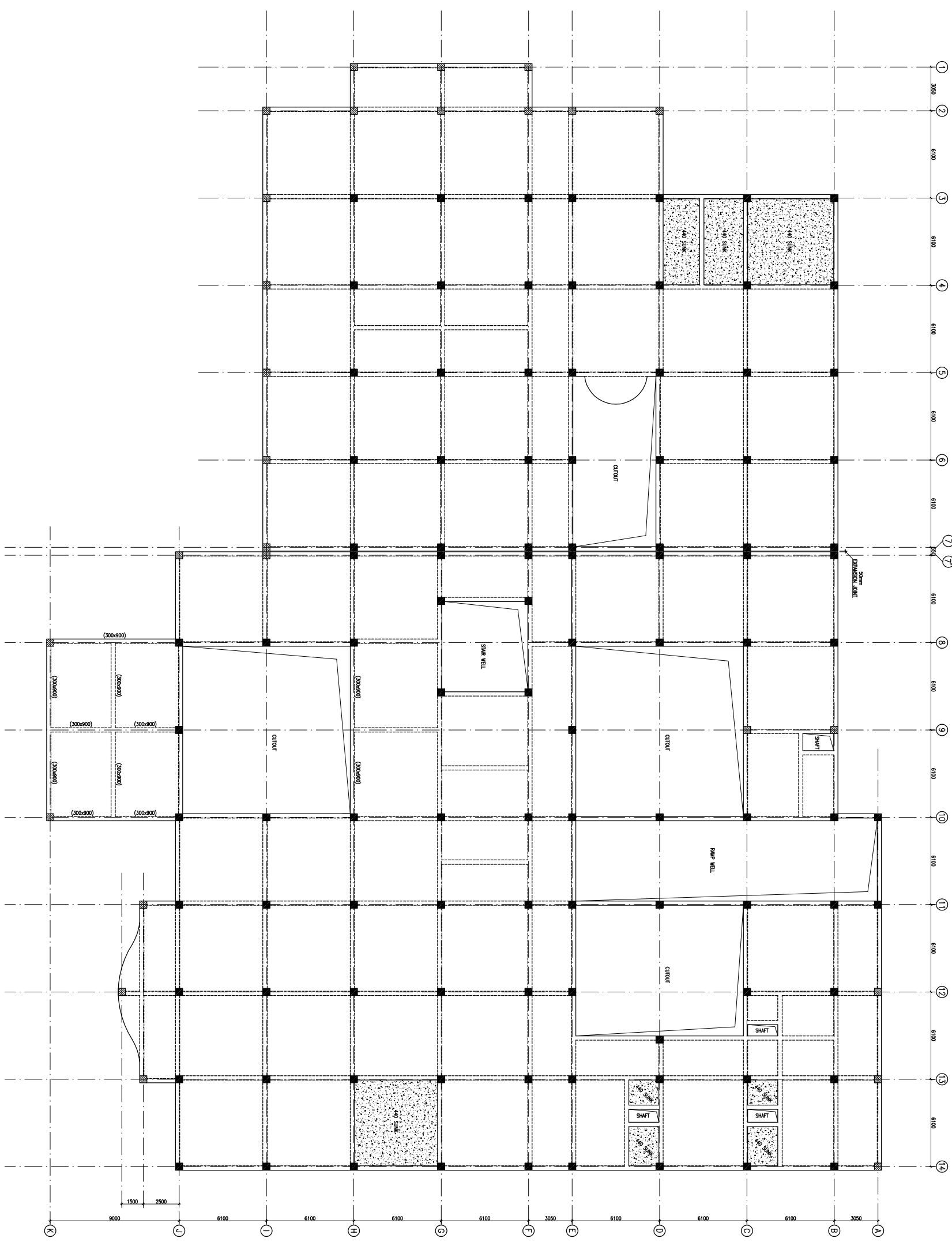
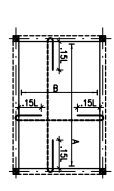
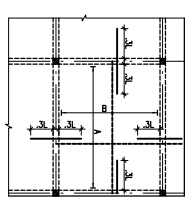
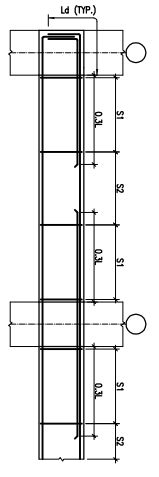
NEW DELHI



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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 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 F-6500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR Ø. SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR Ø.



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

REVISION	REV. 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

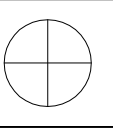
FIRST FLOOR BEAM FRAMING PLAN
HSCC/RMNCCH/D&E/ST-T-1004

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

APPROVED	REVIEWED	PREPARED

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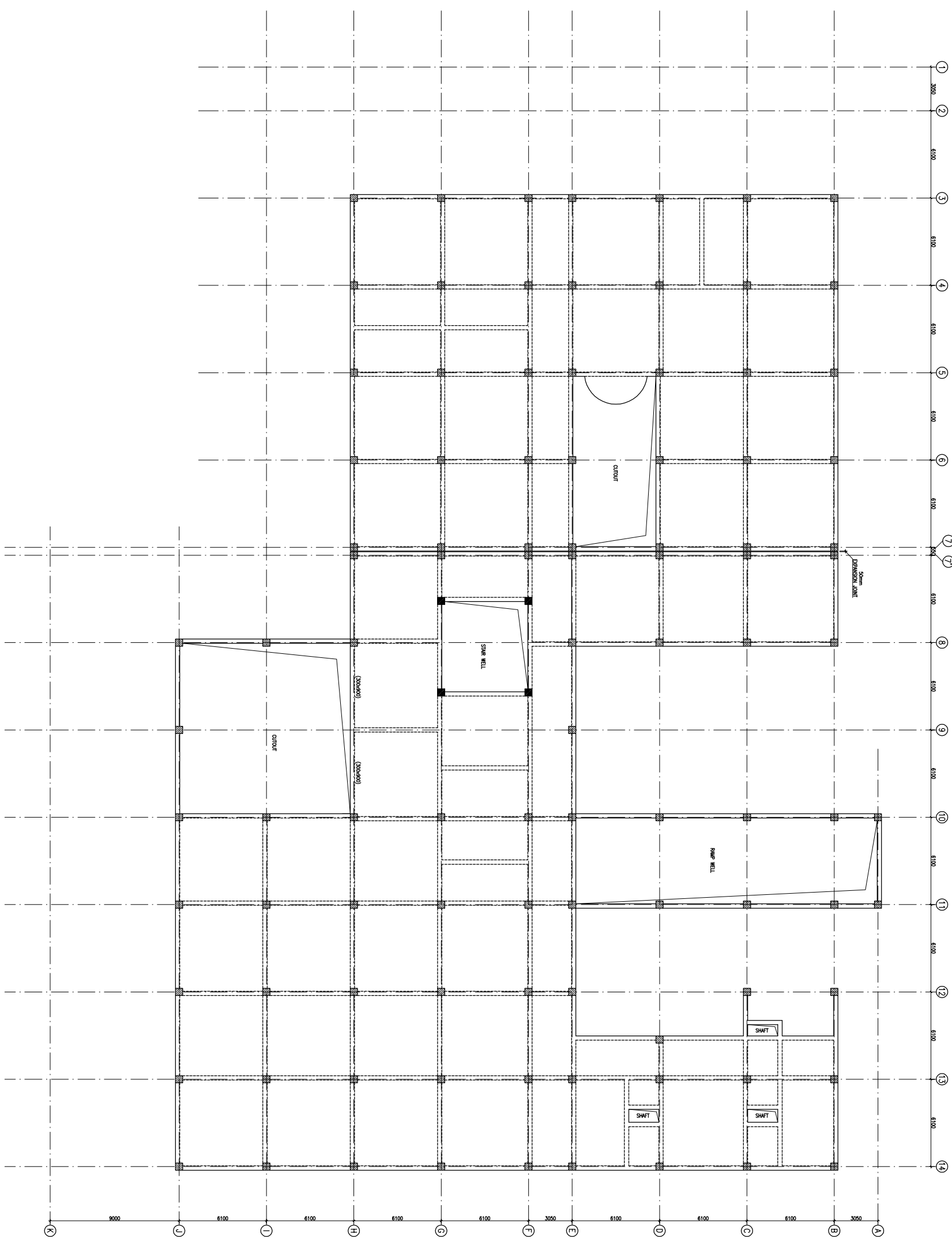
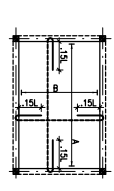
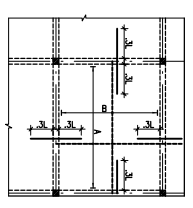
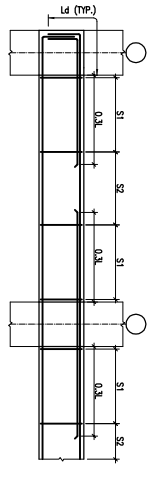
INDIA



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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 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 F_{450} Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR ϕ . SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR ϕ .



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/DAE/ST-T-1005

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

APPROVED	REVIEWED	PREPARED
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INDIA
NEW DELHI