

**CHHATTISGARH MEDICAL SERVICES CORPORATION
LIMITED**

(Government of Chhattisgarh)

Tender

For

**Construction of 50 bedded MCH wing at Rajpur (C.G.),
under National Rural Health Mission scheme**

Tender Drawings

VOLUME-VI

October' 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 (V) /05

ARCHITECTURE

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NOTES

DOOR AND WINDOW SCHEDULE

S.No	NAME	SIZE	CILL	LINTEL	REMARKS
1	TD	800X2150	000	2150	
2	D1	1000X2150	000	2150	
3	D2	1500X2150	000	2150	DOUBLE SHUTTER
4	D3	2000X2150	000	2150	DOUBLE SHUTTER
5	D4	1350X2150	000	2150	DOUBLE SHUTTER
RS		2760X3000	000	3000	BEAM BOTTOM
G1		8650X3000	0/150	3000	BEAM BOTTOM
G2		5600X3000	0/150	3000	BEAM BOTTOM
W1		5600X2100	900	3000	BEAM BOTTOM
W2		1800X2100	900	3000	
W3		2500X2100	900	3000	
W4		920X2100	900	3000	
W5		1500X2100	900	3000	
W6		1200X2100	900	3000	
F1		1500X2100	900	3000	
V1		600X600	1550	2150	

REV	DATE	DESCRIPTION

PROJECT
 RMNCH PROJECT
 Proposed 50 Bedded Hospital at CHATTISGARH

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

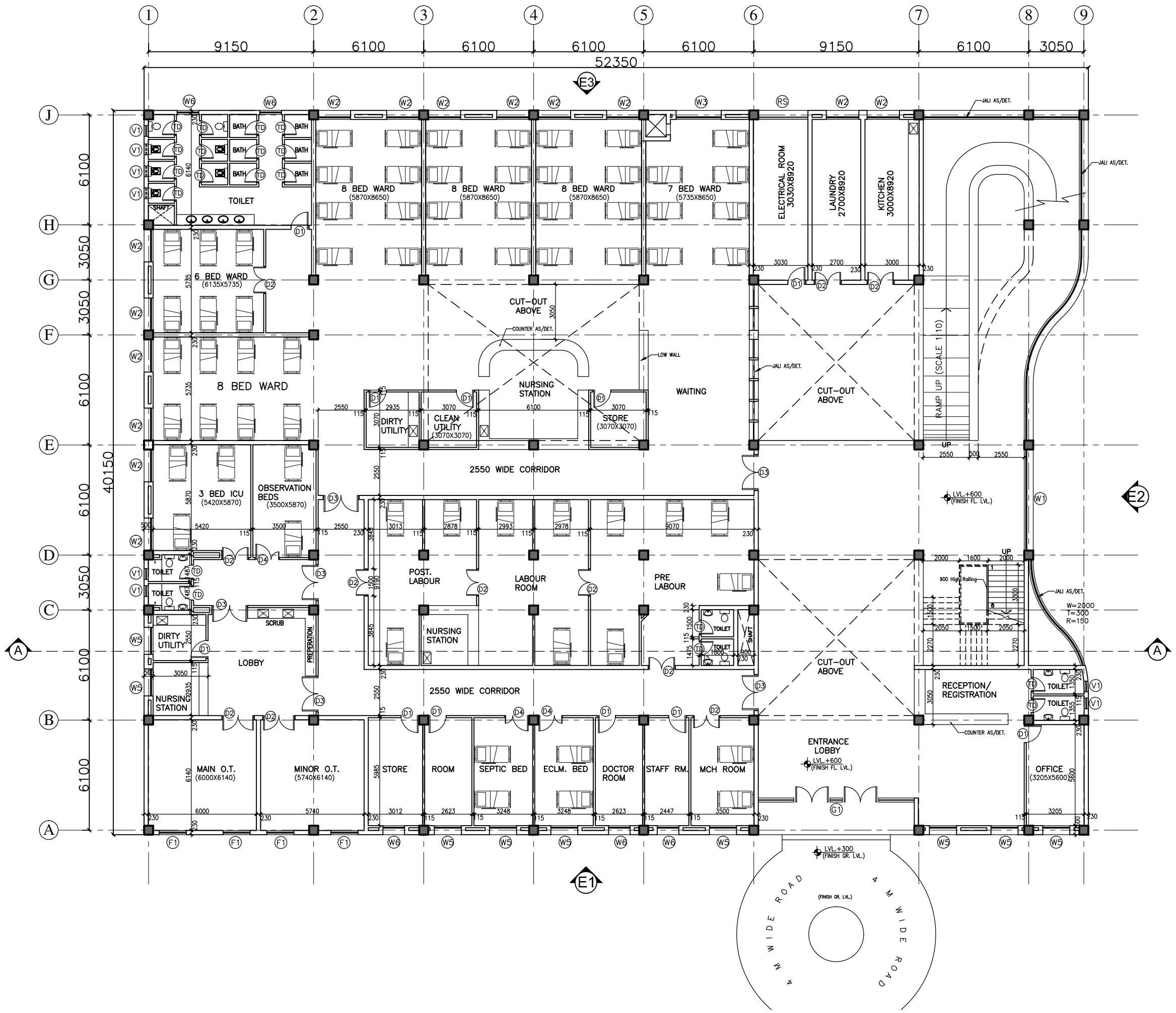
TENDER DRAWING (ARCH.)

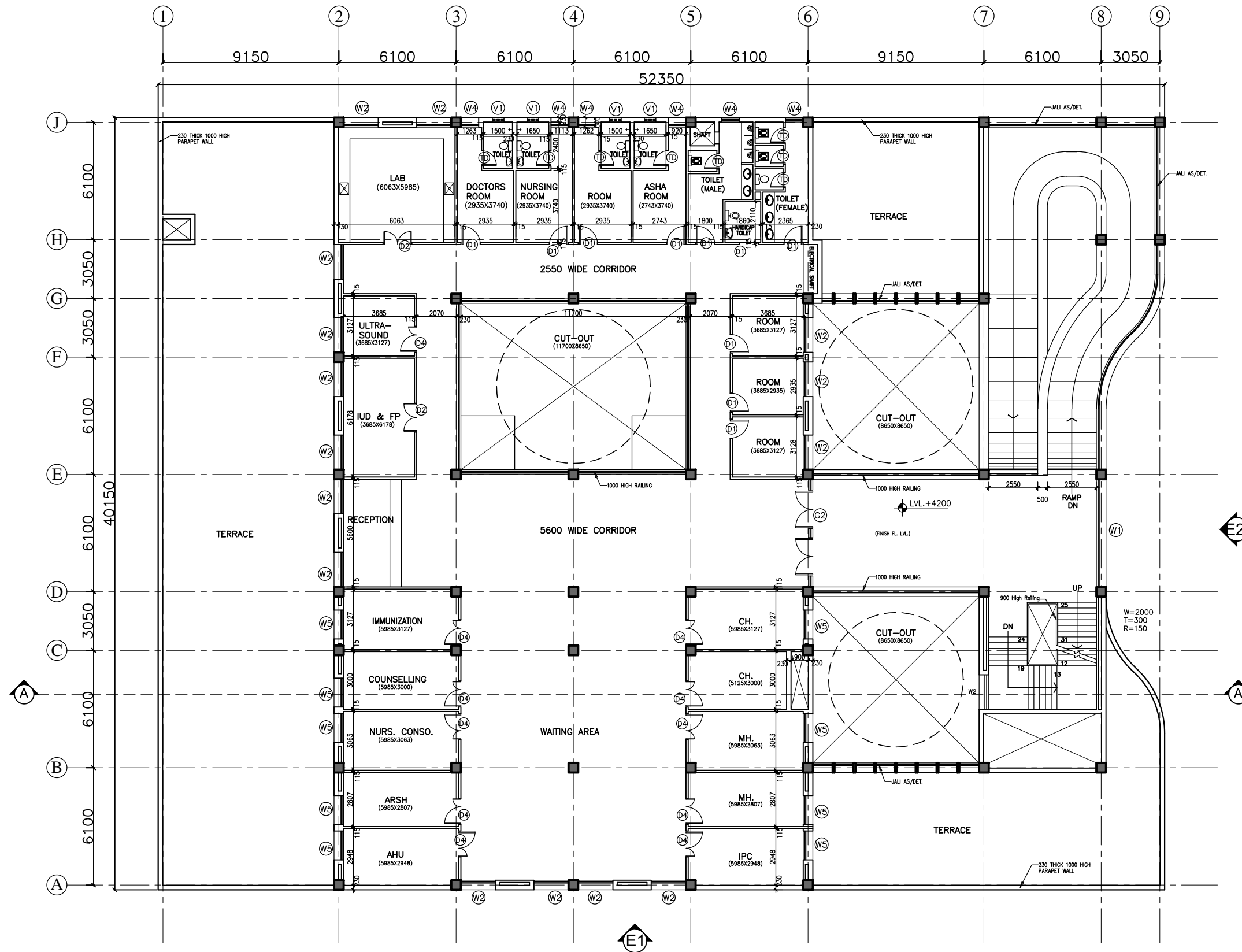
HSCC/CHATTISGARH/TD/002 R-0
 Drawing No. Rev.

HSCC/- 1:100 01-04-2013
 Job No. Scale Date

App by Rev. by Prep. by

HSCC (INDIA) LIMITED
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HSCC
 NEW DELHI INDIA





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NOTES

DOOR AND WINDOW SCHEDULE

S.No	NAME	SIZE	CILL	LINTEL	REMARKS
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4	D3	2000X2150	000	2150	DOUBLE SHUTTER
5	D4	1350X2150	000	2150	DOUBLE SHUTTER
RS		2760X3000	000	3000	BEAM BOTTOM
G1		8650X3000	0/150	3000	BEAM BOTTOM
G2		5600X3000	0/150	3000	BEAM BOTTOM
W1		5600X2100	900	3000	BEAM BOTTOM
W2		1800X2100	900	3000	
W3		2500X2100	900	3000	
W4		920X2100	900	3000	
W5		1500X2100	900	3000	
W6		1200X2100	900	3000	
F1		1500X2100	900	3000	
V1		600X600	1550	2150	

REV	DATE	DESCRIPTION
REVISION		

PROJECT
 RMNCH PROJECT
 Proposed 50 Bedded Hospital at CHATTISGARH

TITLE
 FIRST FLOOR PLAN
 (COVERED AREA=1035 SQ. MT.)

TENDER DRAWING (ARCH.)

HSCC/CHATTISGARH/TD/003 R-0
 Drawing No. Rev.

HSCC/- 1:100 01-04-2013
 Job No. Scale Date

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NOTES

S.No	NAME	SIZE	CILL	LINTEL	REMARKS
1	TD	800X2150	000	2150	
2	D1	1000X2150	000	2150	
3	D2	1500X2150	000	2150	DOUBLE SHUTTER
4	D3	2000X2150	000	2150	DOUBLE SHUTTER
5	D4	1350X2150	000	2150	DOUBLE SHUTTER
RS	2760X3000	000	3000		BEAM BOTTOM
G1	8650X3000	0/150	3000		BEAM BOTTOM
G2	5600X3000	0/150	3000		BEAM BOTTOM
W1	5600X2100	900	3000		BEAM BOTTOM
W2	1800X2100	900	3000		
W3	2500X2100	900	3000		
W4	920X2100	900	3000		
W5	1500X2100	900	3000		
W6	1200X2100	900	3000		
F1	1500X2100	900	3000		
V1	600X600	1550	2150		

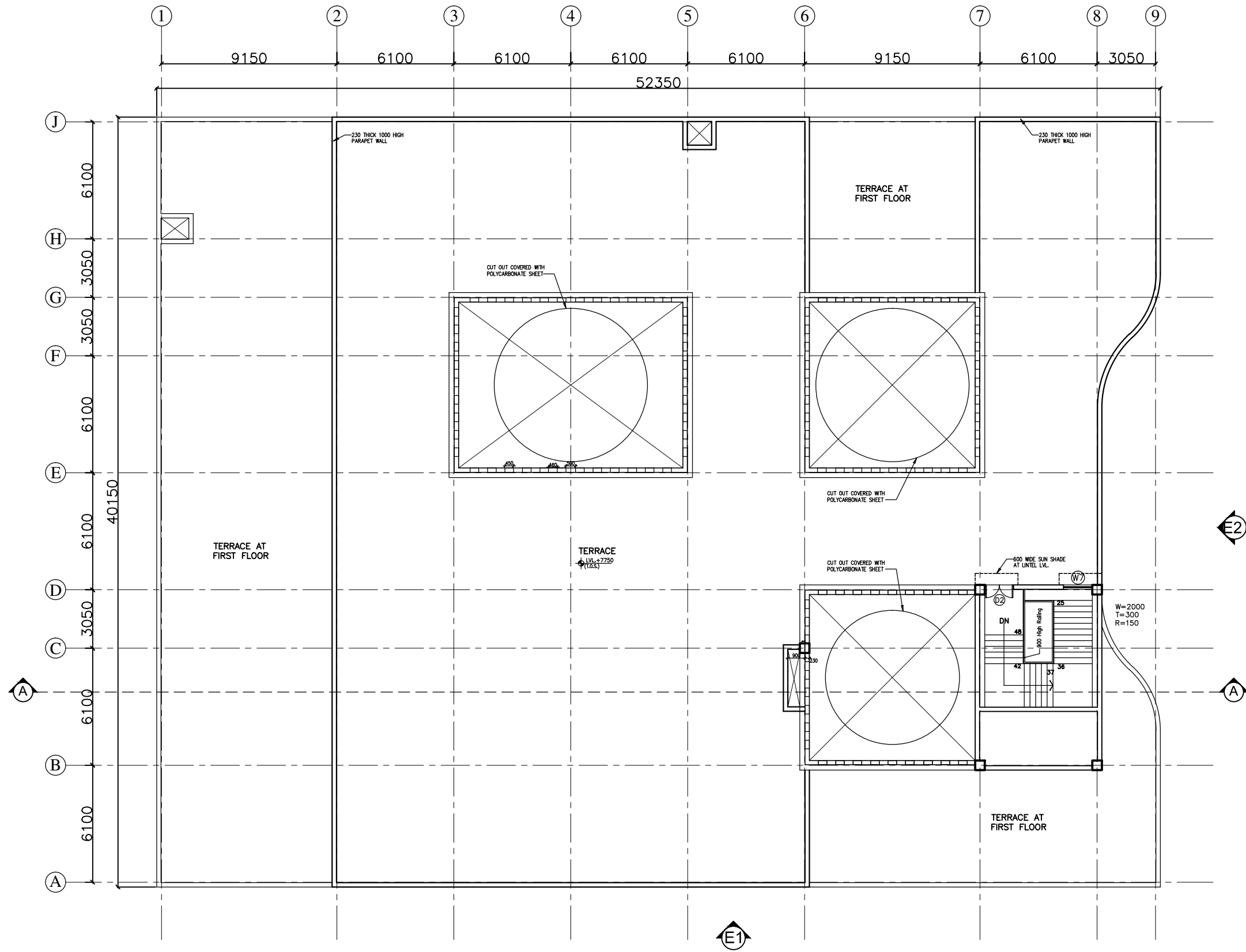
REV	DATE	DESCRIPTION
REVISION		

PROJECT
 RMNCH PROJECT
 Proposed 50 Bedded Hospital at CHATTISGARH

TITLE
 TERRACE PLAN
 TENDER DRAWING (ARCH.)

HSCC/CHATTISGARH/TD/004 R-0
 Drawing No. Rev.
 HSCC/- 1:100 01-04-2013
 Job No. Scale Date
 App by Rev. by Prep. by

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NOTES

DOOR AND WINDOW SCHEDULE

S.No	NAME	SIZE	CILL	LINTEL	REMARKS
1	TD	800x2150	000	2150	
2	D1	1000x2150	000	2150	
3	D2	1500x2150	000	2150	DOUBLE SHUTTER
4	D3	2000x2150	000	2150	DOUBLE SHUTTER
5	D4	1350x2150	000	2150	DOUBLE SHUTTER
RS	2760x3000	000	3000		BEAM BOTTOM
G1	8650x3000	0/150	3000		BEAM BOTTOM
G2	5600x3000	0/150	3000		BEAM BOTTOM
W1	5600x2100	900	3000		BEAM BOTTOM
W2	1800x2100	900	3000		
W3	2500x2100	900	3000		
W4	920x2100	900	3000		
W5	1500x2100	900	3000		
W6	1200x2100	900	3000		
F1	1500x2100	900	3000		
V1	600x600	1550	2150		

REV	DATE	DESCRIPTION
REVISION		

PROJECT
 RMNCH PROJECT
 Proposed
 50 Bedded Hospital
 at NAGARI,
 CHATTISGARH

TITLE
 ELEVATIONS & SECTION

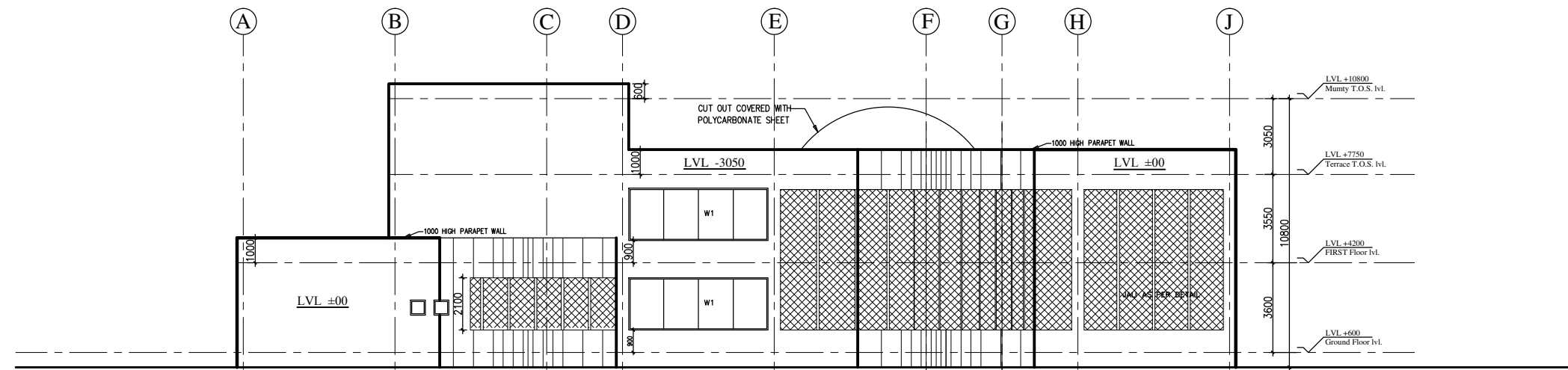
TENDER DRAWING (ARCH.)

HSCC/NAGARI/TD/005 R-0
 Drawing No. Rev.

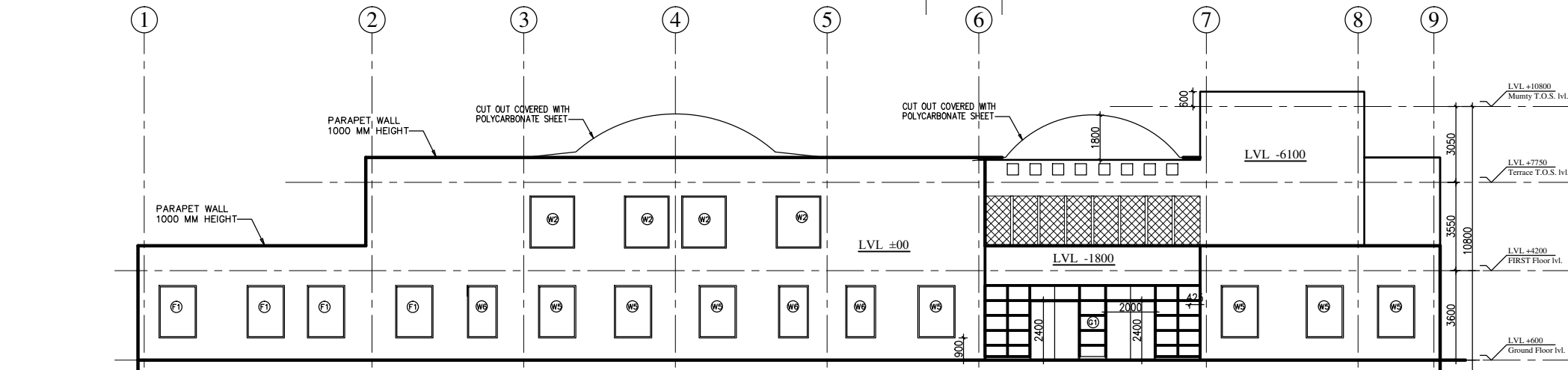
HSCC/- 1:100 12-04-2013
 Job No. Scale Date

App by Rev. by Prep. by

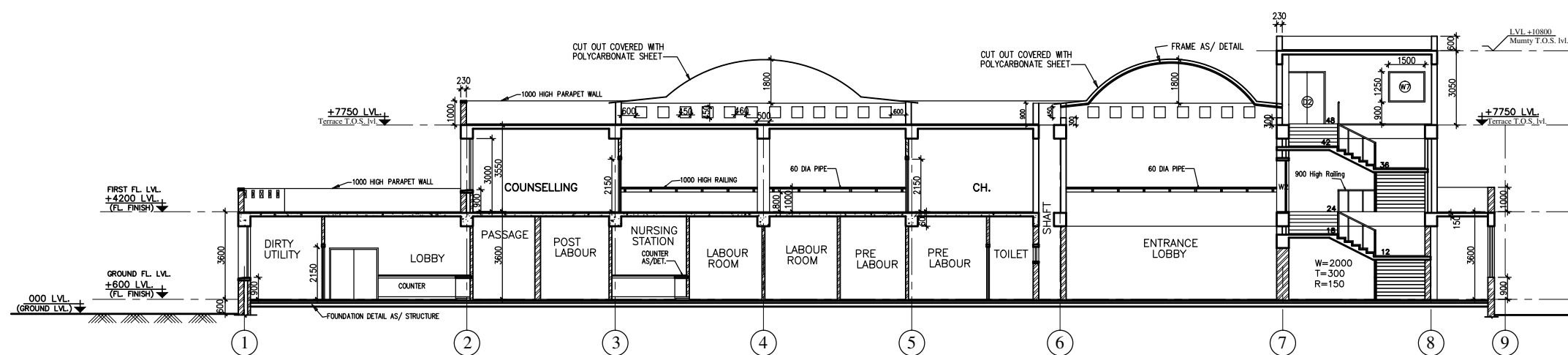
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ELEVATION-E2

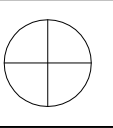


ELEVATION-E1



SECTION A-A

STRUCTURE



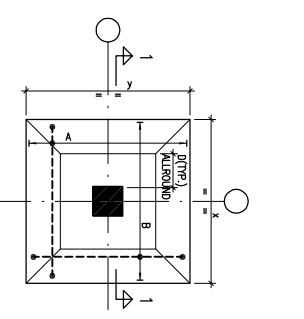
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NOTES

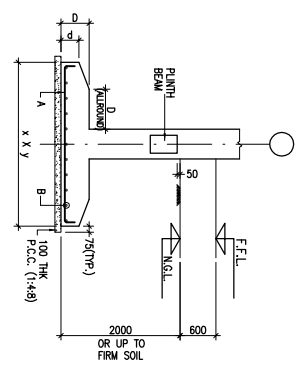
1. ALL DIMENSIONS ARE IN mm & LWS IN m.
2. READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS. THE SLAB TOP LEVEL TO BE WORKED OUT SUABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-
FOUNDATION = 50mm
COLUMN = 40mm
BEAM = 30mm
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 ϕ 6300 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR ϕ . ALL LAPS TO BE PLANNED SUABLY AS PER SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR ϕ .
9. SFC ASSUMED 120 kN/m² AT 2.0 METER BELOW N.G.L.

FOOTING SCHEDULE

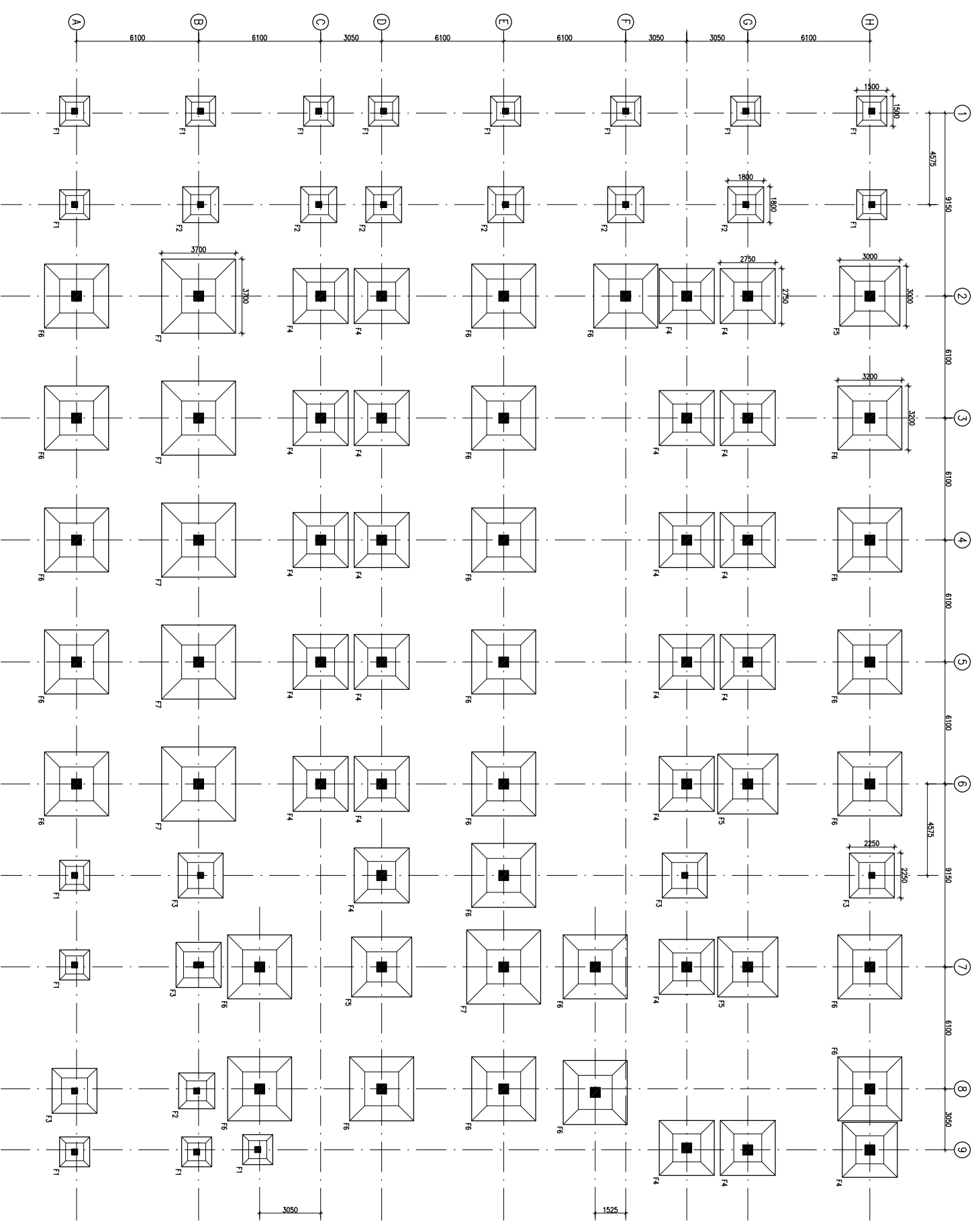
S.No	MDX. SIZE(X*Y)	THK. (D)	REMARKS
1	F1 1500x1500	200	TAPERED
2	F2 1800x1800	250	TAPERED
3	F3 2250x2250	250	TAPERED
4	F4 2750x2750	250	TAPERED
5	F5 3000x3000	300	TAPERED
6	F6 3000x3000	300	TAPERED
7	F7 3700x3700	300	TAPERED



TYPICAL DETAIL OF TAPERED FOOTING



SECTION 1-1



FOUNDATION LAYOUT PLAN

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

REVISION

PROJECT

PROPOSED
50 BEDDED HOSPITAL
RMNCH PROJECT,
CHATTISGARH

TITLE

FOUNDATION LAYOUT PLAN

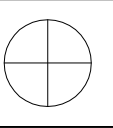
HSCC/RMNC/D&E/ST-T-101

Drawing No. REV. 1
HSCC/RMNC 1:125 FEB-2013
JOB No. SCALE DATE

APPROVED	REVIEWED	PREPARED

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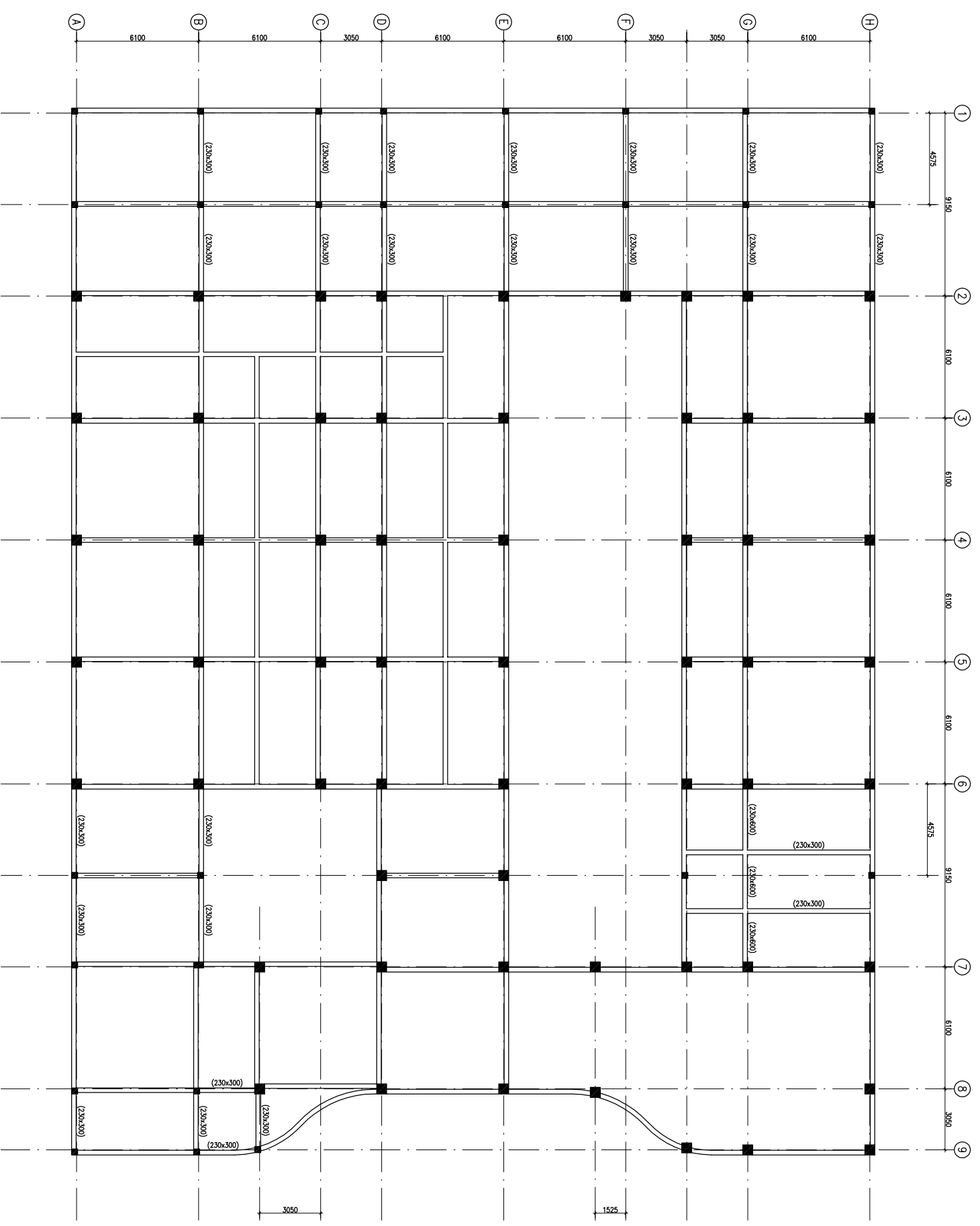
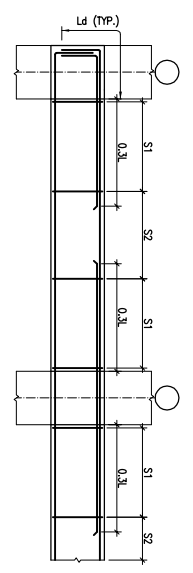
HSCC
INDIA
NEW DELHI



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



PLINTH BEAM FRAMING PLAN
(ALL BEAMS SIZE 230x450 UNAO)

REVISION	REVISION	DESCRIPTION
1	08.04.13	OVERALL REVISION AS PER ARCH.
0	27.02.13	FOR TENDER

PROJECT

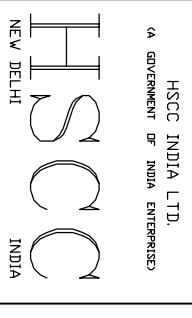
PROPOSED
50 BEDDED HOSPITAL
RMNCH PROJECT,
CHATTISGARH

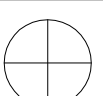
TITLE

PLINTH BEAM FRAMING PLAN

HSCC/RMNC/D&E/ST-T-103

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





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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 PLANNED SUITABLY AS PER SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR ϕ .



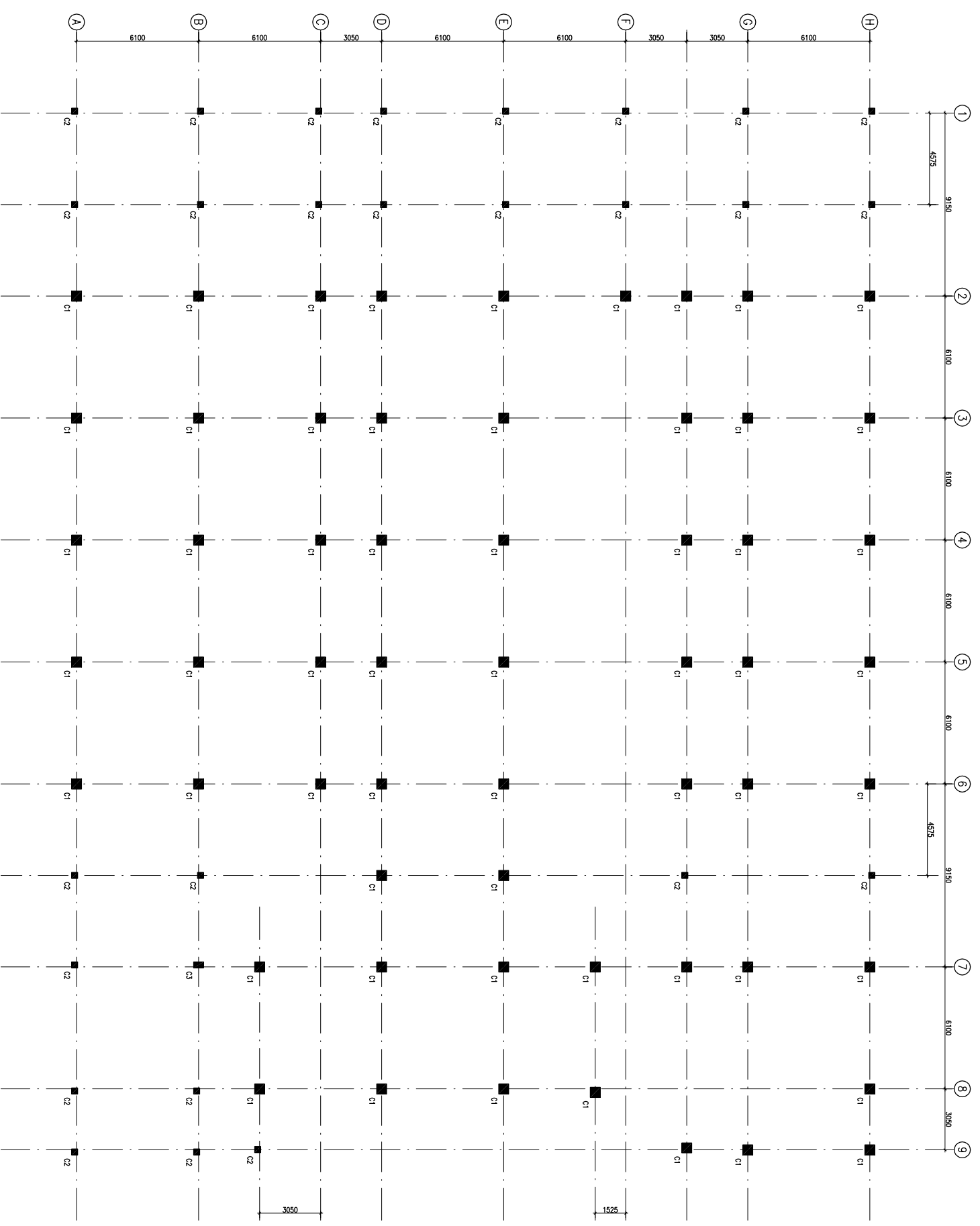
COLUMN MKD. C1



COLUMN MKD. C2



COLUMN MKD. C3



COLUMN LAYOUT PLAN

REVISION	REVISION	DESCRIPTION
1	08.04.13	OVERALL REVISION AS PER ARCH.
0	27.02.13	FOR TENDER

PROJECT

PROPOSED
50 BEDDED HOSPITAL
RMNCH PROJECT,
CHATTISGARH

TITLE

COLUMN LAYOUT PLAN

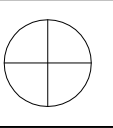
HSCC/RMNC/D&E/ST-T-102

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

APPROVED	REVIEWED	PREPARED
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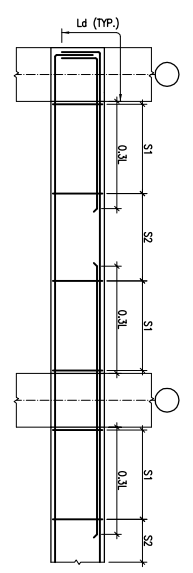
HSCC
INDIA
NEW DELHI



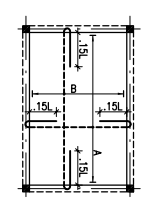
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NOTES

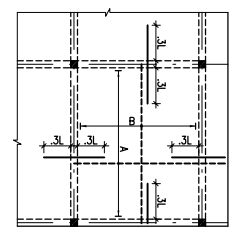
1. ALL DIMENSIONS ARE IN mm & LVL'S IN m.
2. READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS. THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-
FOUNDATION = 50mm
COLUMN = 40mm
BEAM = 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 .



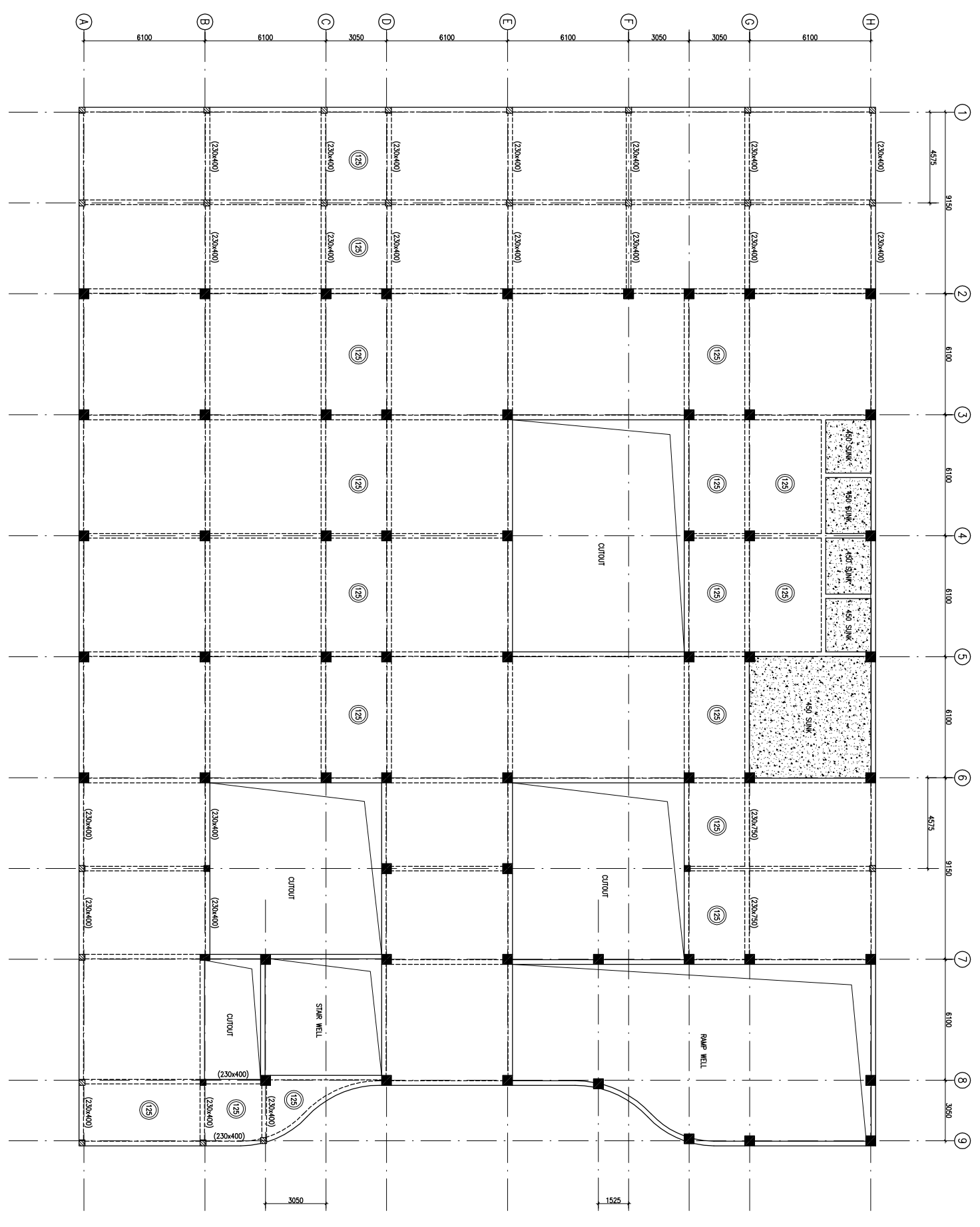
TYP. BEAM R/F DETAILS



TYP. SUNKEN SLAB R/F DETAIL



TYP. SLAB R/F DETAIL



FIRST FLOOR BEAM FRAMING PLAN
(ALL BEAMS SIZE 230x400 U.N.O.) & (SLAB THICKNESS 150mm U.N.O.)

REVISION	REVISION	DESCRIPTION
1	08.04.13	OVERALL REVISION AS PER ARCH.
0	27.02.13	FOR TENDER

PROJECT

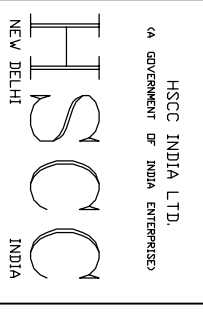
PROPOSED
50 BEDDED HOSPITAL
RMNCH PROJECT,
CHATTISGARH

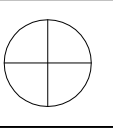
TITLE

FIRST FLOOR BEAM FRAMING PLAN
HSCC/RMNC/D&E/ST-T-104

Drawing No.	REV.
HSCC/RMNC	1
SCALE	DATE
1:125	FEB-2013
JOB No.	

APPROVED	REVIEWED	PREPARED

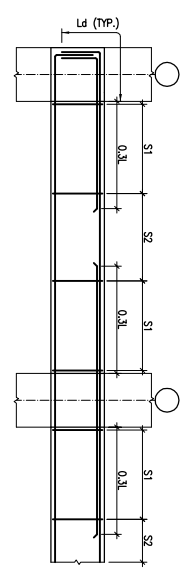




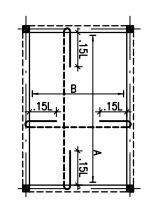
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NOTES

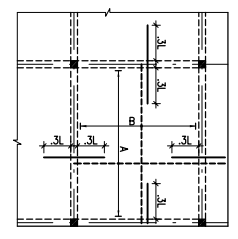
1. ALL DIMENSIONS ARE IN mm & LVLS IN m.
2. READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS. THE SLAB TOP LEVEL TO BE WORKED OUT SUABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-
FOUNDATION = 50mm
COLUMN = 40mm
BEAM = 30mm
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 .



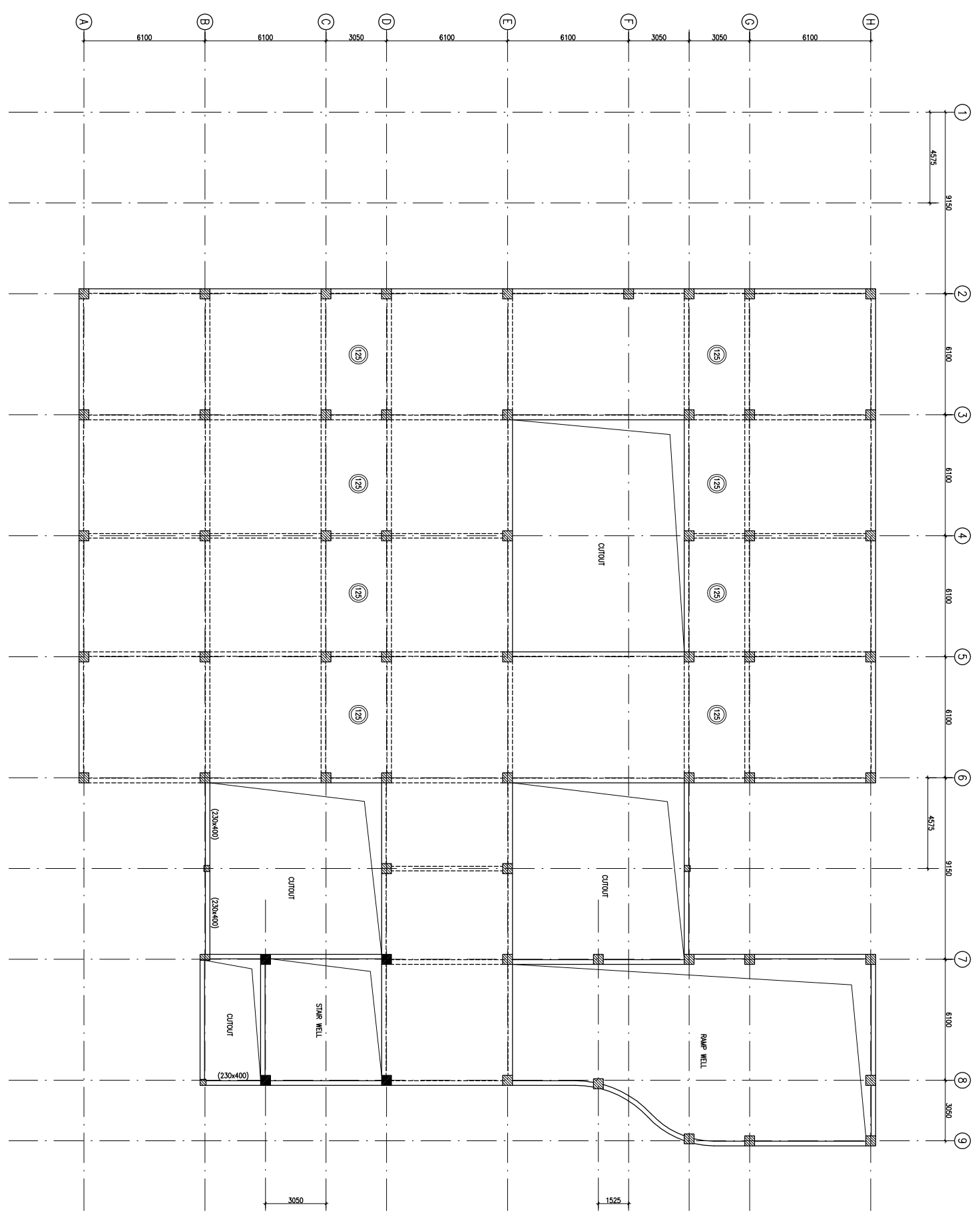
TYP. BEAM R/F DETAILS



TYP. SUNKEN SLAB R/F DETAIL



TYP. SLAB R/F DETAIL



TERRACE LVL. BEAM FRAMING PLAN
(ALL BEAMS SIZE 230x400 UNO.) & (SLAB THICKNESS 150mm UNO.)

REVISION	REVISION	DESCRIPTION
1	08.04.13	OVERALL REVISION AS PER ARCH.
0	27.02.13	FOR TENDER

PROJECT

PROPOSED
50 BEDDED HOSPITAL
RMNCH PROJECT,
CHATTISGARH

TITLE

TERRACE LVL. BEAM FRAMING PLAN

HSCC/RMNC/D&E/ST-T-105

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

APPROVED	REVIEWED	PREPARED
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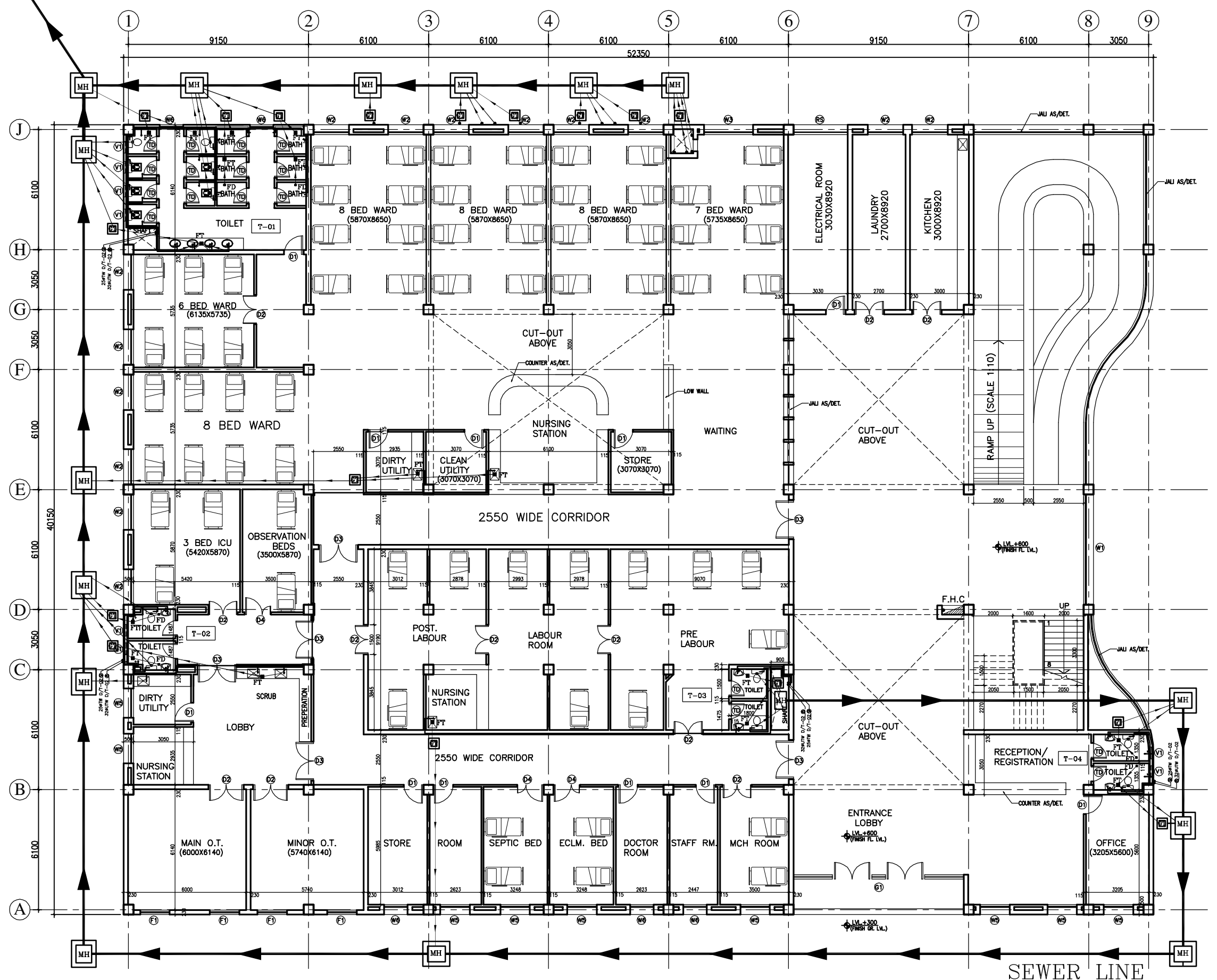
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INDIA

PHE

1. BASED ON THIS DRAWING EXECUTING AGENCY WILL PREPARE SHOP DRAWING AFTER INCORPORATING THE CHANGES AS PER SITE CONDITION FOR THE APPROVAL OF ENGINEER-IN-CHARGE BEFORE START OF WORK.
 2. THE NO & LOCATION OF FIXTURES TO BE FINALIZED BEFORE EXECUTION WITH MEDICAL IN-CHARGE OF PROJECT.

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LEGEND.

1	100 Ø CI SOIL & VENT PIPE
2	100Ø CI.WASTE & VENT PIPE
3	100Ø CI. SOIL PIPE
4	100Ø CI. WASTE PIPE
5	50Ø uPVC SOIL PIPE
6	40Ø UPVC WASTE PIPE
7	32Ø uPVC WASTE PIPE
8	Ø UTW DN.TAKE
9	Ø TW DN.TAKE
10	100 Ø S.W. PIPE
F.T	FLOOR TRAP 100x100
F.D	FLOOR DRAIN 50Ø
FCO	FLOOR CLEAN OUT
COP	CLEAN OUT PLUG
⊗	VALVE
MH	MANHOLE (900x800)mm
GT	GULLY TRAP(300x300)mm

REV	DATE	DESCRIPTION
REVISION		

PROJECT
 RMNCH PROJECT
 Proposed 50 Bedded Hospital (G+1) at CHATTISGARH

TITLE - PLUMBING & FIRE
 TENDER DRAWING

Ground Floor Plan

HSCC/D&E/BEMETARA/TD/PL-01
 Drawing No.

Job No.	Scale	Date
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App by	Rev. by	Prep. by
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1. BASED ON THIS DRAWING EXECUTING AGENCY WILL PREPARE SHOP DRAWING AFTER INCORPORATING THE CHANGES AS PER SITE CONDITION FOR THE APPROVAL OF ENGINEER-IN-CHARGE BEFORE START OF WORK.
 2. THE NO & LOCATION OF FIXTURES TO BE FINALIZED BEFORE EXECUTION WITH MEDICAL IN-CHARGE OF PROJECT.

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NOTES

LEGEND

1	100 Ø CI SOIL & VENT PIPE
2	100Ø CI.WASTE & VENT PIPE
3	100Ø CI. SOIL PIPE
4	100Ø CI. WASTE PIPE
5	50Ø uPVC SOIL PIPE
6	40Ø uPVC WASTE PIPE
7	32Ø uPVC WASTE PIPE
8	Ø UTW DN.TAKE
9	Ø TW DN.TAKE
10	100 Ø S.W. PIPE
F.T	FLOOR TRAP 100x100
F.D	FLOOR DRAIN 50Ø
FCO	FLOOR CLEAN OUT
COP	CLEAN OUT PLUG
⊗	VALVE
MH	MANHOLE (900x800)mm
GT	GULLY TRAP(300x300)mm

REV	DATE	DESCRIPTION
REVISION		

PROJECT
 RMNCH PROJECT
 Proposed 50 Bedded Hospital (G+1) at CHATTISGARH

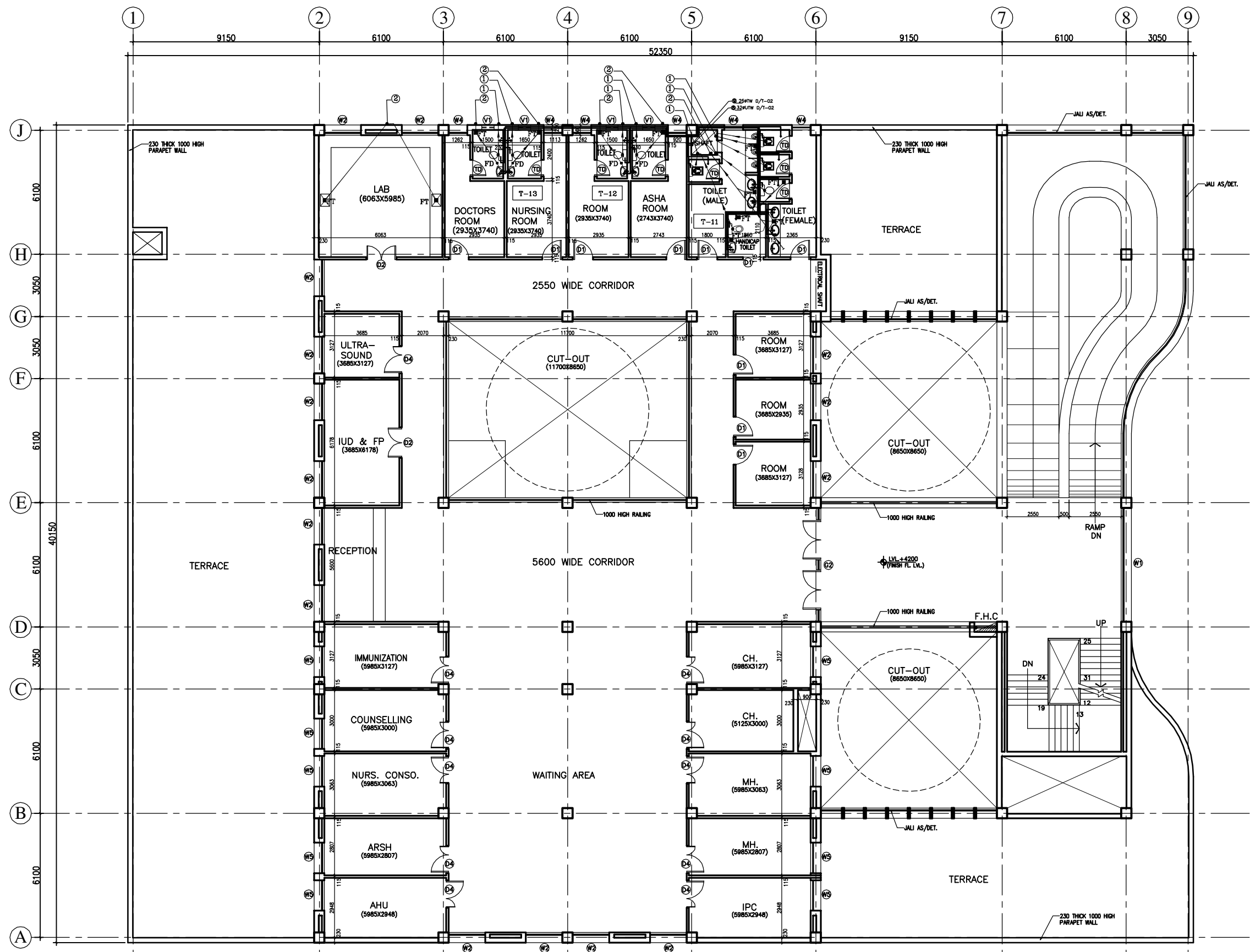
TITLE - PLUMBING & FIRE
 TENDER DRAWING

First Floor Plan

HSCC/D&E/BEMETARA/TD/PL-02
 Drawing No.

Job No.	Scale	Date
App by	Rev. by	Prep. by

HSCC (INDIA) LIMITED
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HSCC
 NEW DELHI INDIA



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