

**CHHATTISGARH MEDICAL SERVICES CORPORATION
LIMITED**

(Government of Chhattisgarh)

Tender

For

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

Tender Drawings

VOLUME-VI

February' 2014



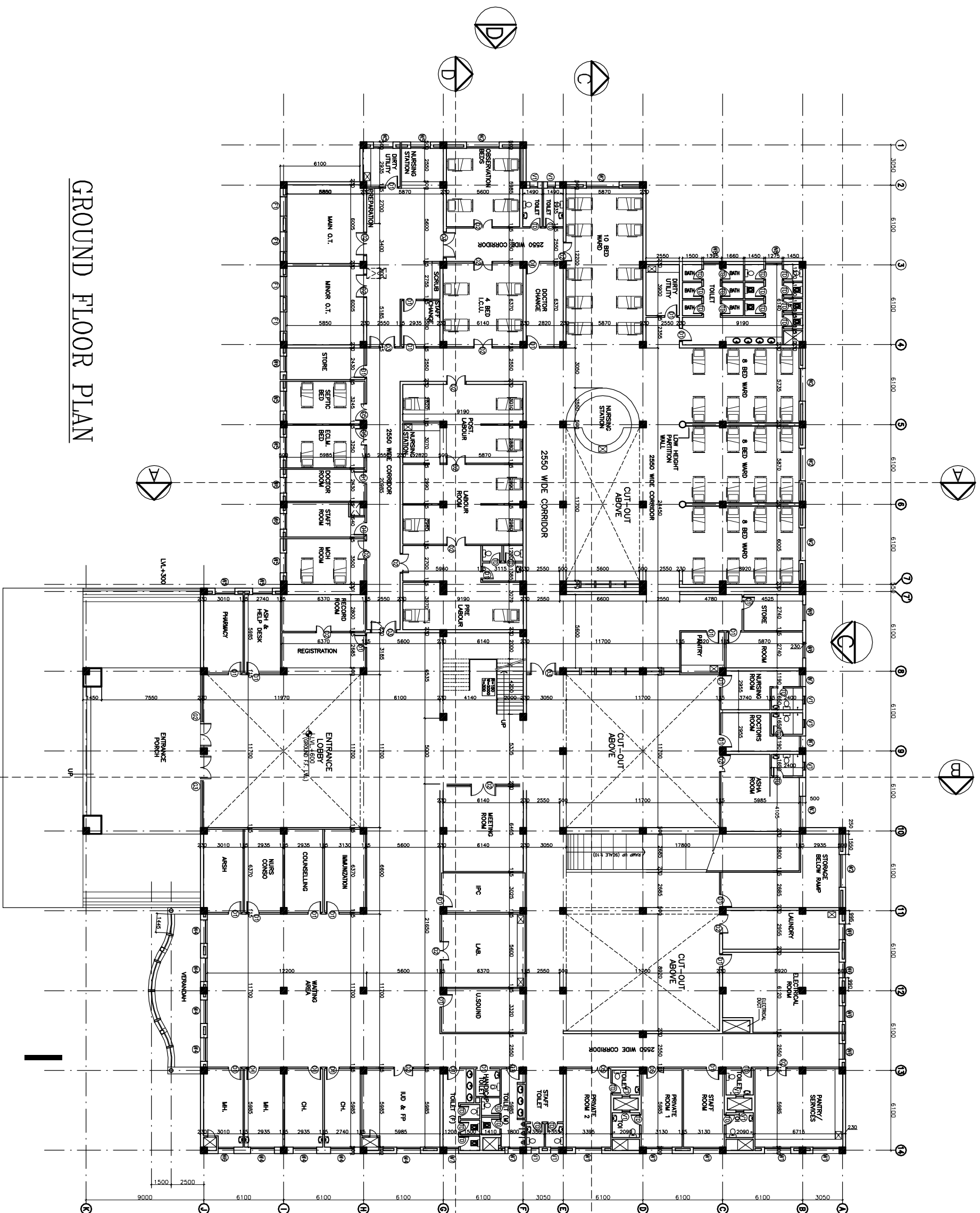
**HSCC (INDIA) LTD.
(CONSULTANTS & ENGINEERS FOR MEGA HOSPITALS & LABORATORIES)
E-6(A), sector-1, NOIDA(U.P) 201301 (India)**

Phone : 0120-2542436-40

Fax : 0120-2542447

Tender No. HSCC/NRHM/CG/2014 (IV) /07

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

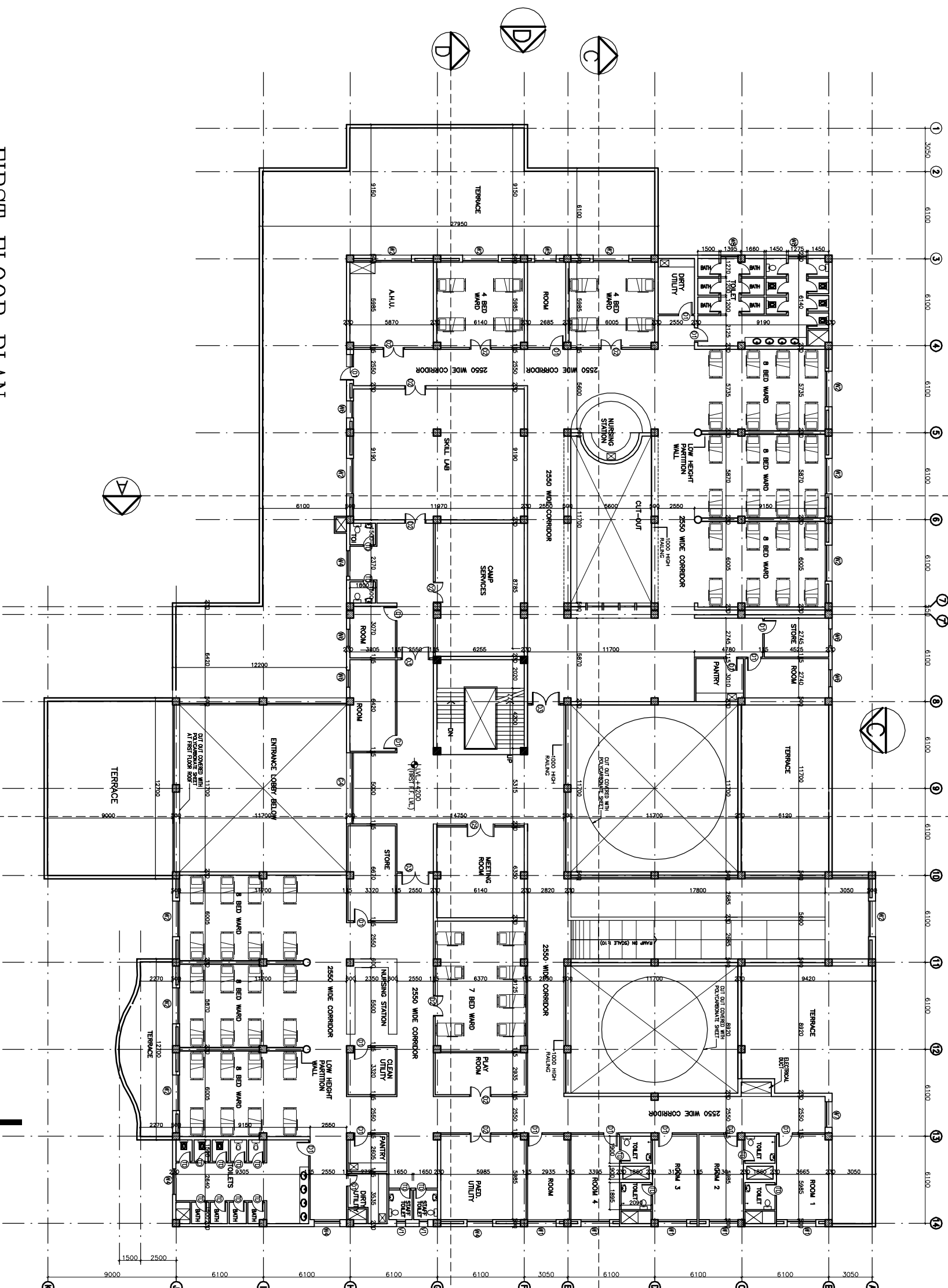
TITLE
 GROUND
 FLOOR PLAN
 (COVERED AREA=3022 SQ. MT.)

Working Drawings
 (ARCHITECTURE)

BSCC/100 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 | 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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PROJECT
RMNCH PROJECT
 Proposed
 100 Bedded Hospital
 of
 CHATTISGARH

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

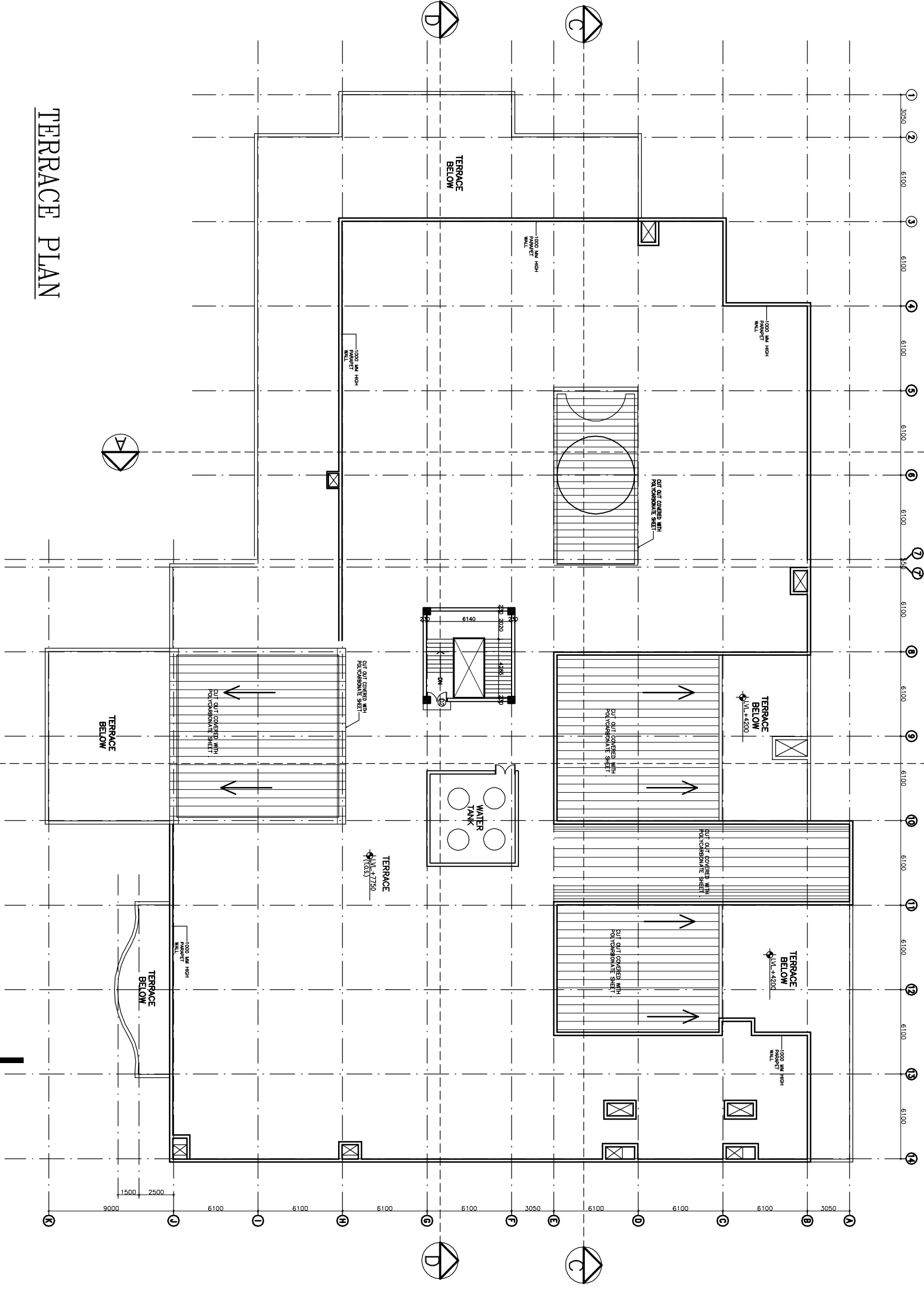
WORKING DRAWINGS
 (ARCHITECTURE)

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 |
|------|------|-------------|
| | | |
| | | |
| | | |

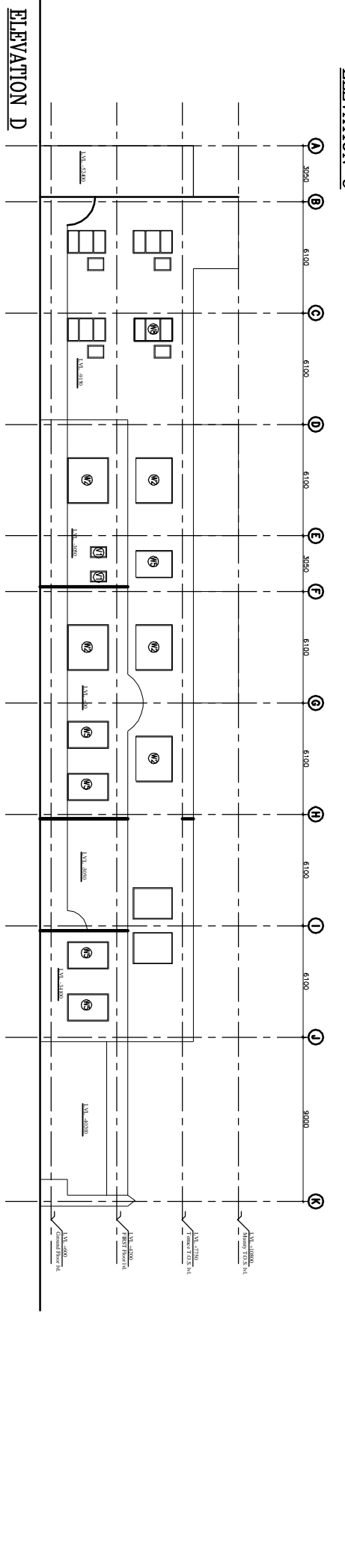
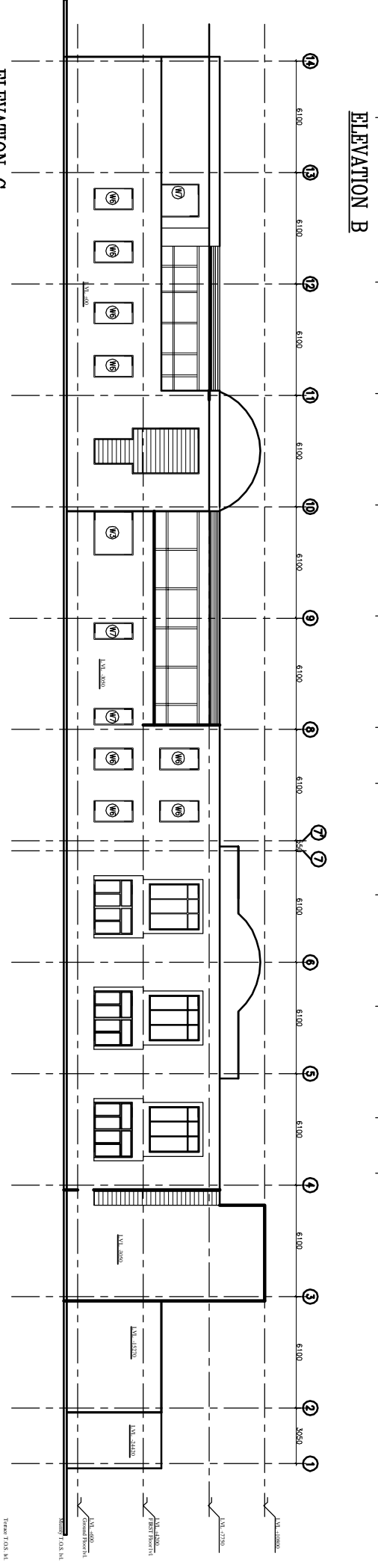
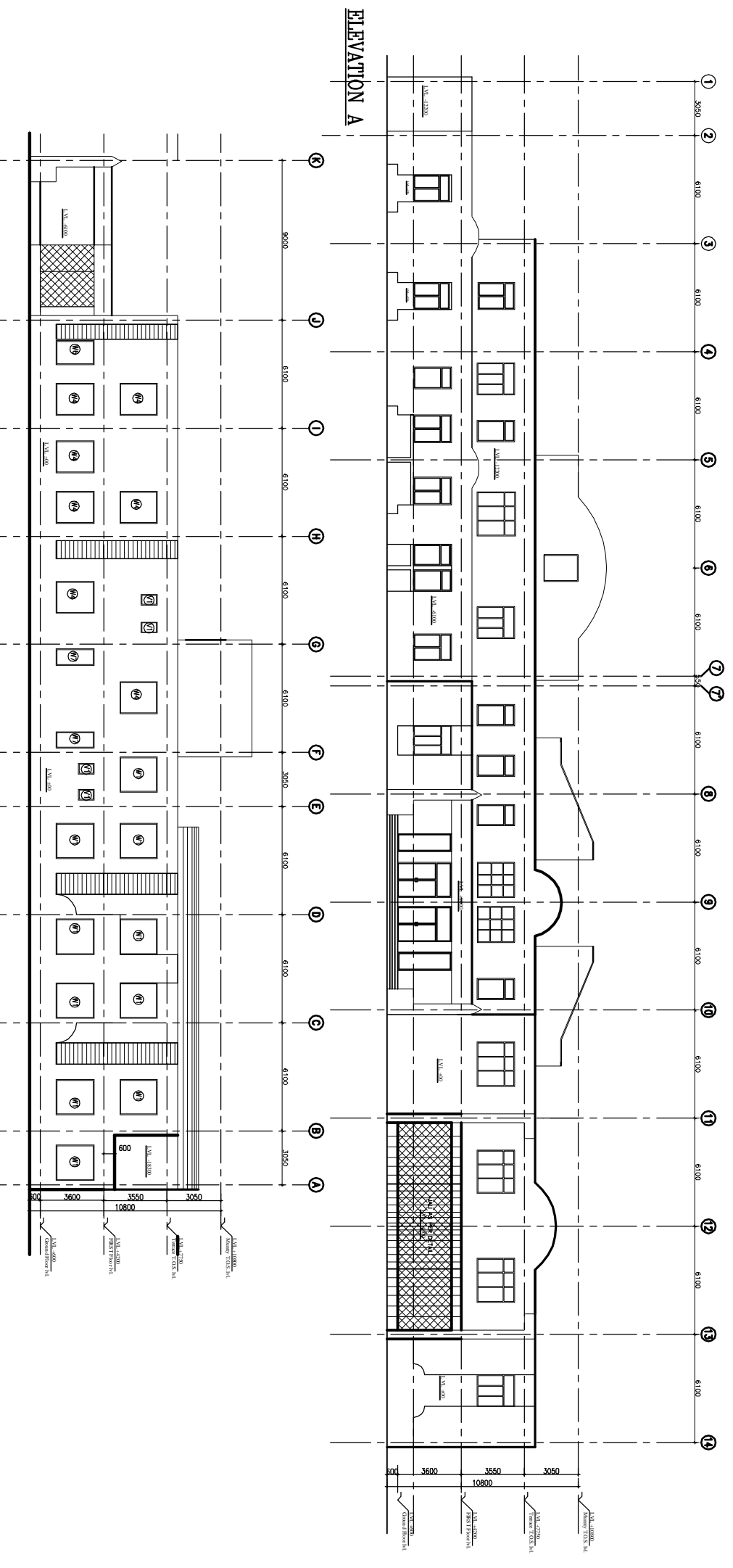
PROJECT
RMNCH PROJECT
 Proposed
 100 Bedded Hospital
 of
 CHATTISGARH

TITLE
 TERRACE
 FLOOR PLAN
 Working Drawings
 (ARCHITECTURE)

| | |
|---------------------|------------|
| HSCC/100 BED/TD/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



PROJECT

RMNCH PROJECT
Proposed
100 Bedded Hospital
at
CHATTISGARH

TITLE

ELEVATION
Working Drawings
(ARCHITECTURE)

REV. DATE DESCRIPTION

| REV. | DATE | DESCRIPTION |
|------|------|-------------|
| | | |

REVISION

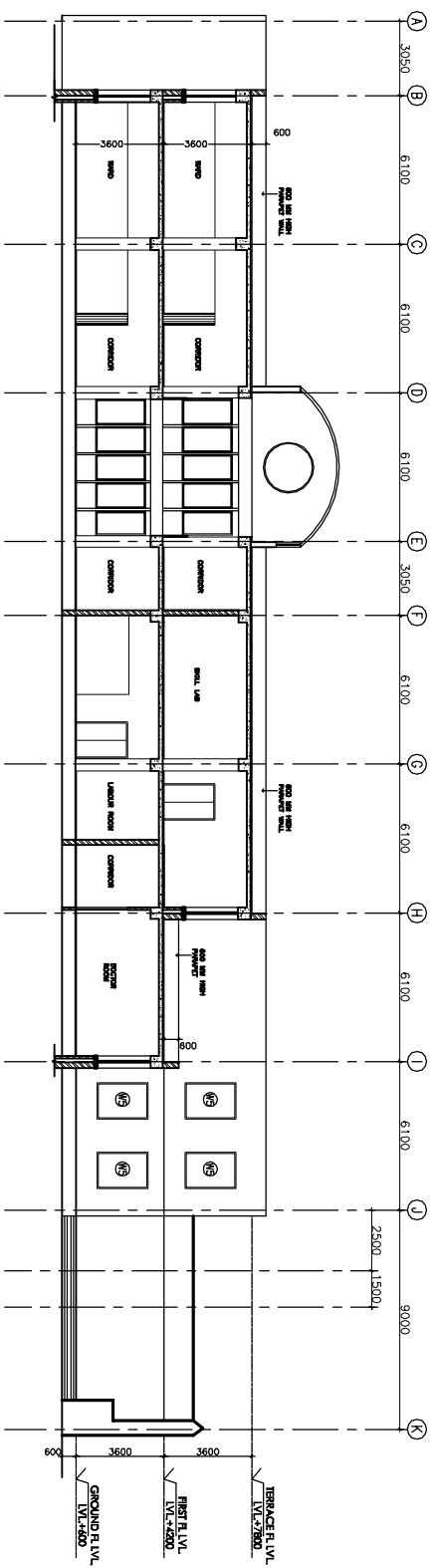
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HSCC/100 BED/TD/004 R-0
Drawing No. Rev.

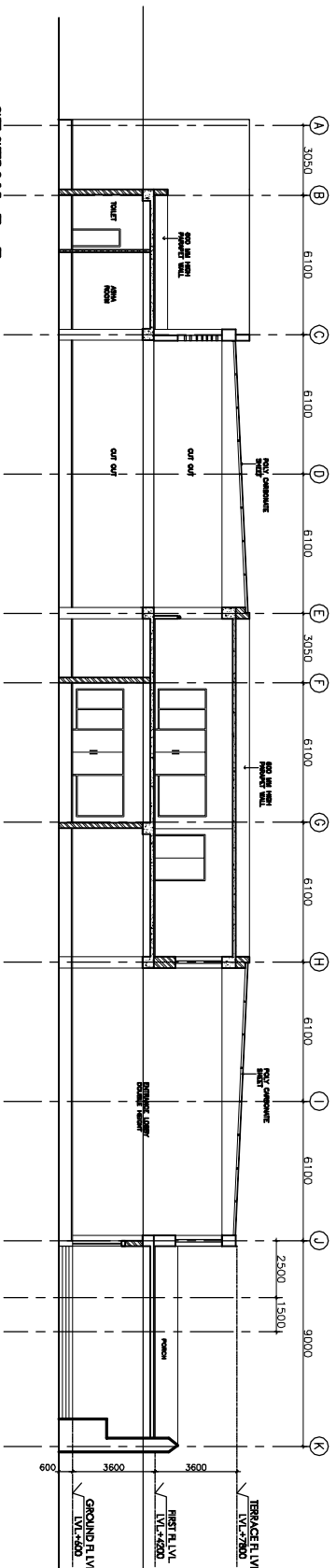
1:150 Scale 27-05-2013
Job No. Date

App by Rev. by Prep. by

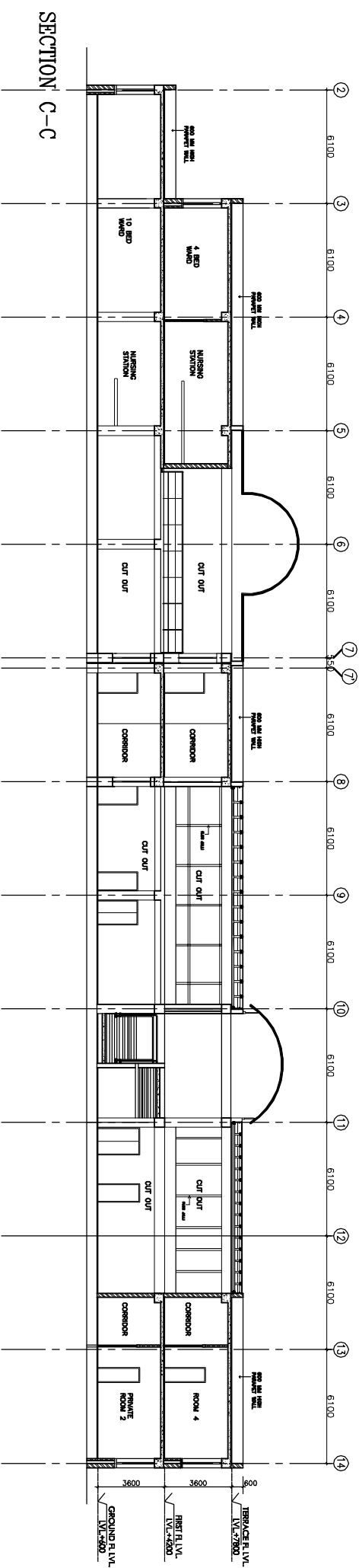
HSCC (INDIA) LIMITED
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HSCC
NEW DELHI INDIA



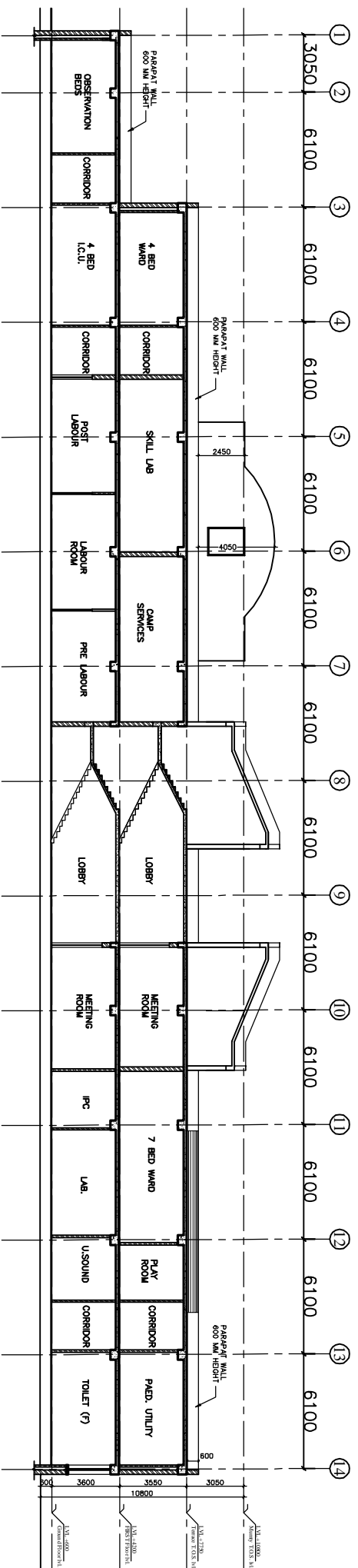
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

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NOTES

| REV. | DATE | DESCRIPTION |
|------|------|-------------|
| | | |
| | | |
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PROJECT
RMNCH PROJECT
 Proposed
 100 Bedded Hospital
 at
 SARGUA, CHATTISGARH

TITLE

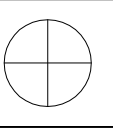
SECTIONS
WORKING DRAWINGS
(ARCHITECTURE)

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

| | | |
|--------|---------|----------|
| App by | Rev. by | Prep. by |
| | | |

STRUCTURE

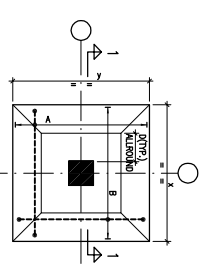
DRAWINGS



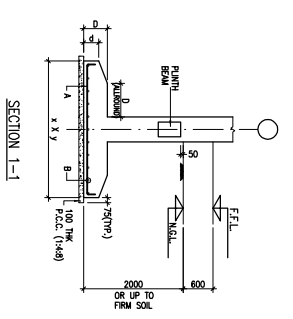
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NOTES

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.



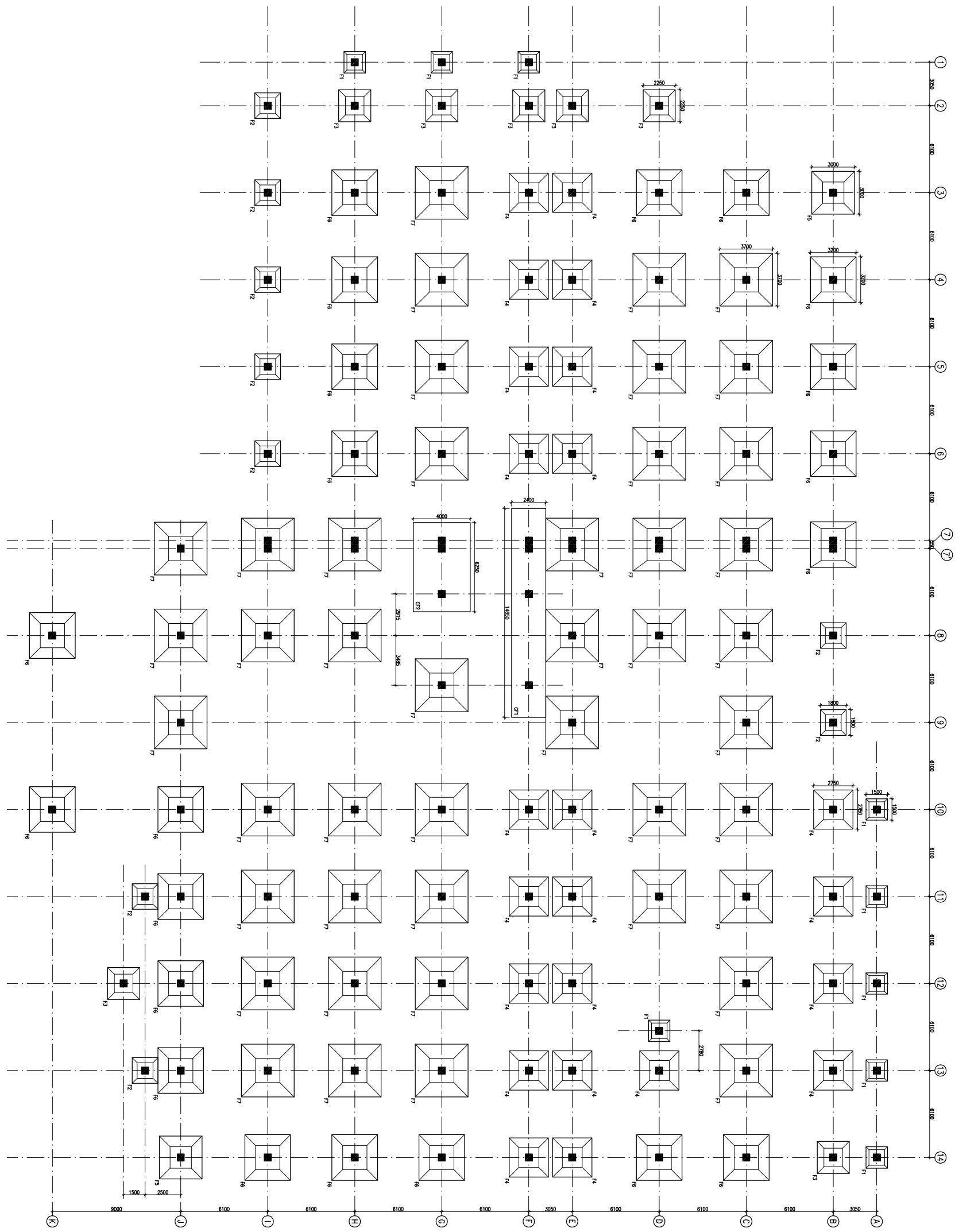
TYPICAL DETAIL OF TAPERED FOOTING



SECTION 1-1

FOOTING SCHEDULE

| S.No. | 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

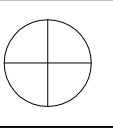
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HSCC
INDIA
NEW DELHI

PROJECT
PROPOSED
100 BEDDED HOSPITAL
RMNC PROJECT,
CHATTISGARH

TITLE

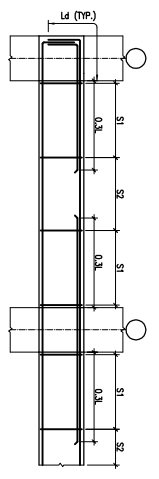
| REV. DATE | DESCRIPTION |
|------------|------------------------------|
| 1 01.04.13 | OVERALL REVISION AS PER MCH. |
| 0 27.02.13 | FOR TENDER |



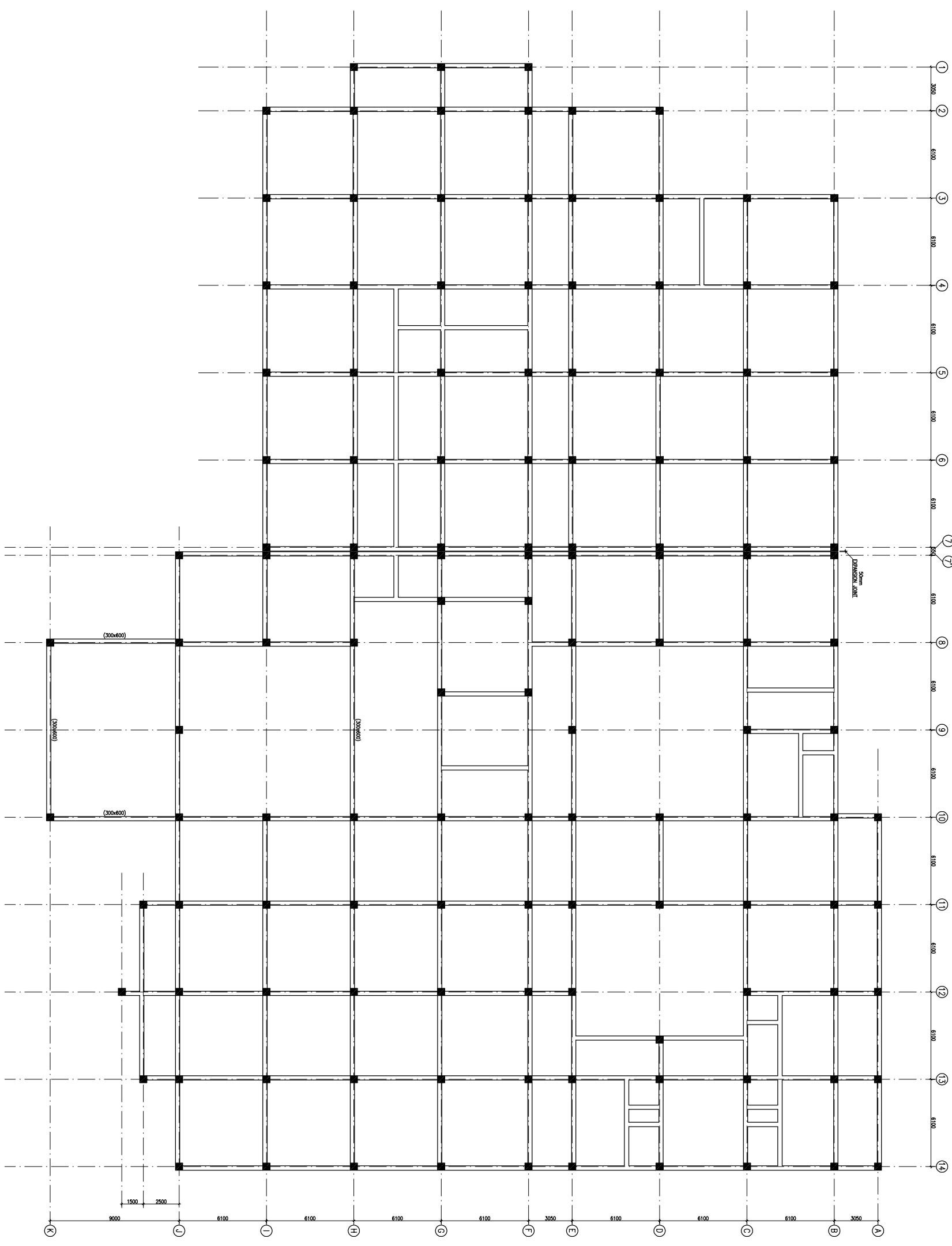
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NOTES

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2. READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. 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 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 INDEX)

| 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

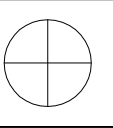
PLINTH BEAM FRAMING PLAN

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

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

| | | |
|----------|----------|----------|
| APPROVED | REVIEWED | PREPARED |
| | | |

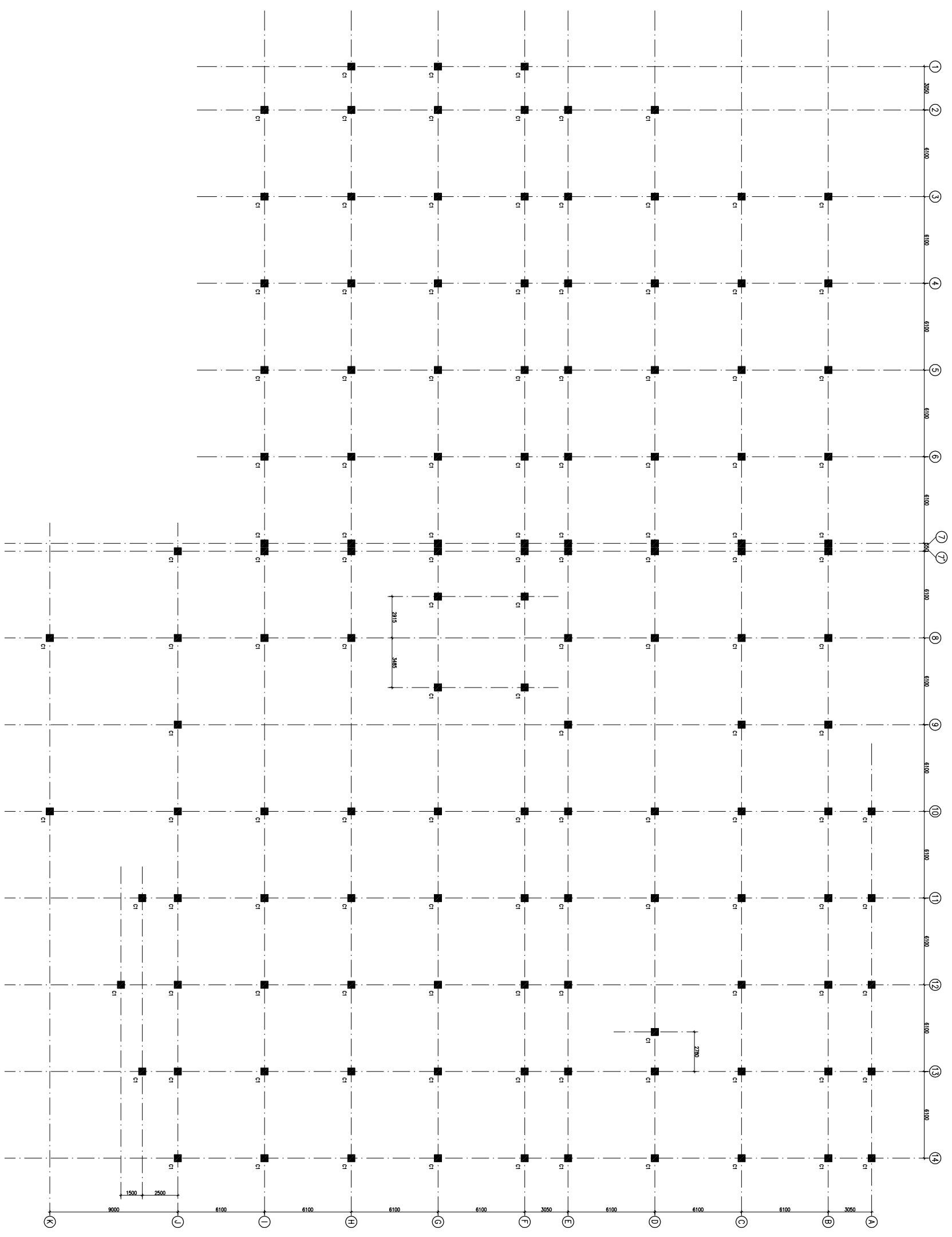
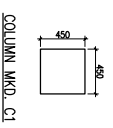
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NOTES

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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 .

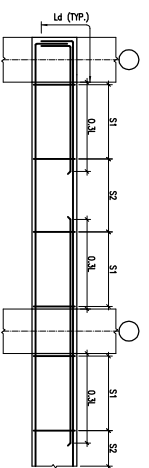


COLUMN LAYOUT PLAN

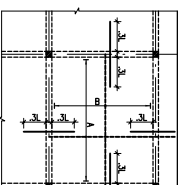
| | |
|---|----------|
| TITLE | |
| PROPOSED 100 BEDDED HOSPITAL RMNCH PROJECT, CHATTISGARH | |
| PROJECT | |
| HSCC/RMNC/D&E/ST-T-1002 Drawing No. REV. 1 HSCC/RMNC SCALE APRIL-2013 JOB No. DATE | |
| APPROVED | PREPARED |
| REVIEWED | DATE |

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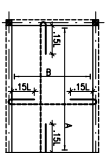
HSCC
 NEW DELHI INDIA



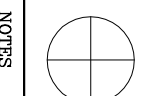
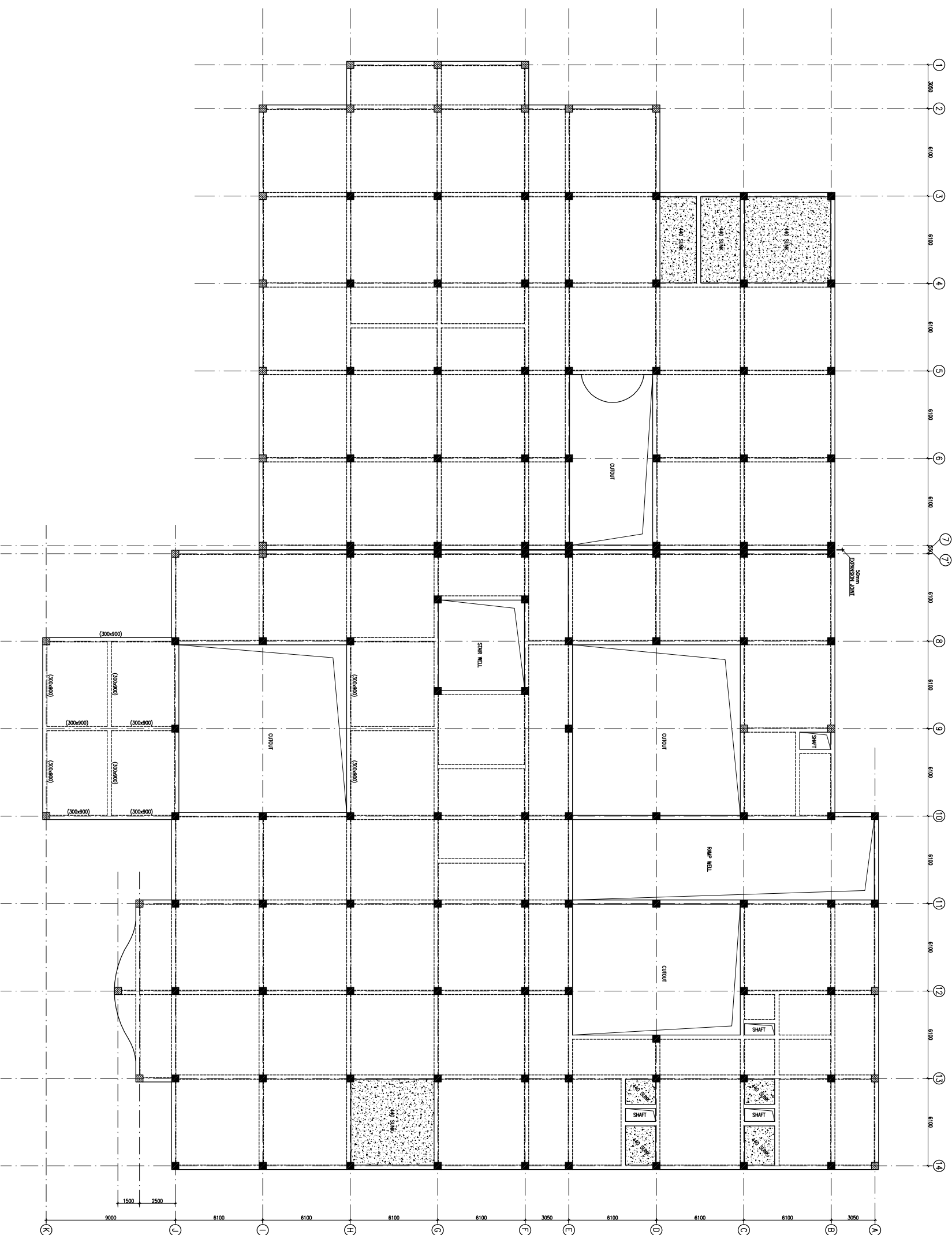
TYP. BEAM R/F DETAILS



TYP. SLAB R/F DETAIL



TYP. SUNKEN SLAB R/F DETAIL



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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.

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

PROJECT

PROPOSED
100 BEDDED HOSPITAL
RMNCH PROJECT,
CHATTISGARH

TITLE

FIRST FLOOR BEAM FRAMING PLAN

HSCC/RMNC/DAE/ST-T-1004

Drawing No. REV. 1

HSCC/RMNC SCALE 1:150 APRIL-2013

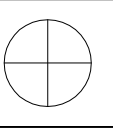
JOB No. DATE

APPROVED REVIEWED PREPARED

HSCC INDIA LTD.
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HSCC
INDIA
NEW DELHI

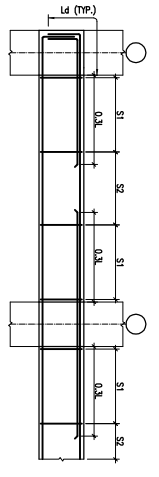
FIRST FLOOR BEAM FRAMING PLAN
(ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED)



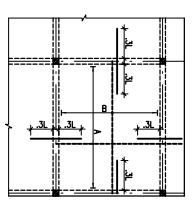
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NOTES

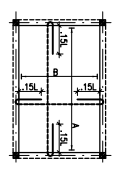
1. ALL DIMENSIONS ARE IN mm & LWS IN m.
2. READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS. THE SLAB TOP LEVEL TO BE WORKED OUT SUABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-
FOUNDATION = 50mm
COLUMN = 40mm
BEAM = 30mm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



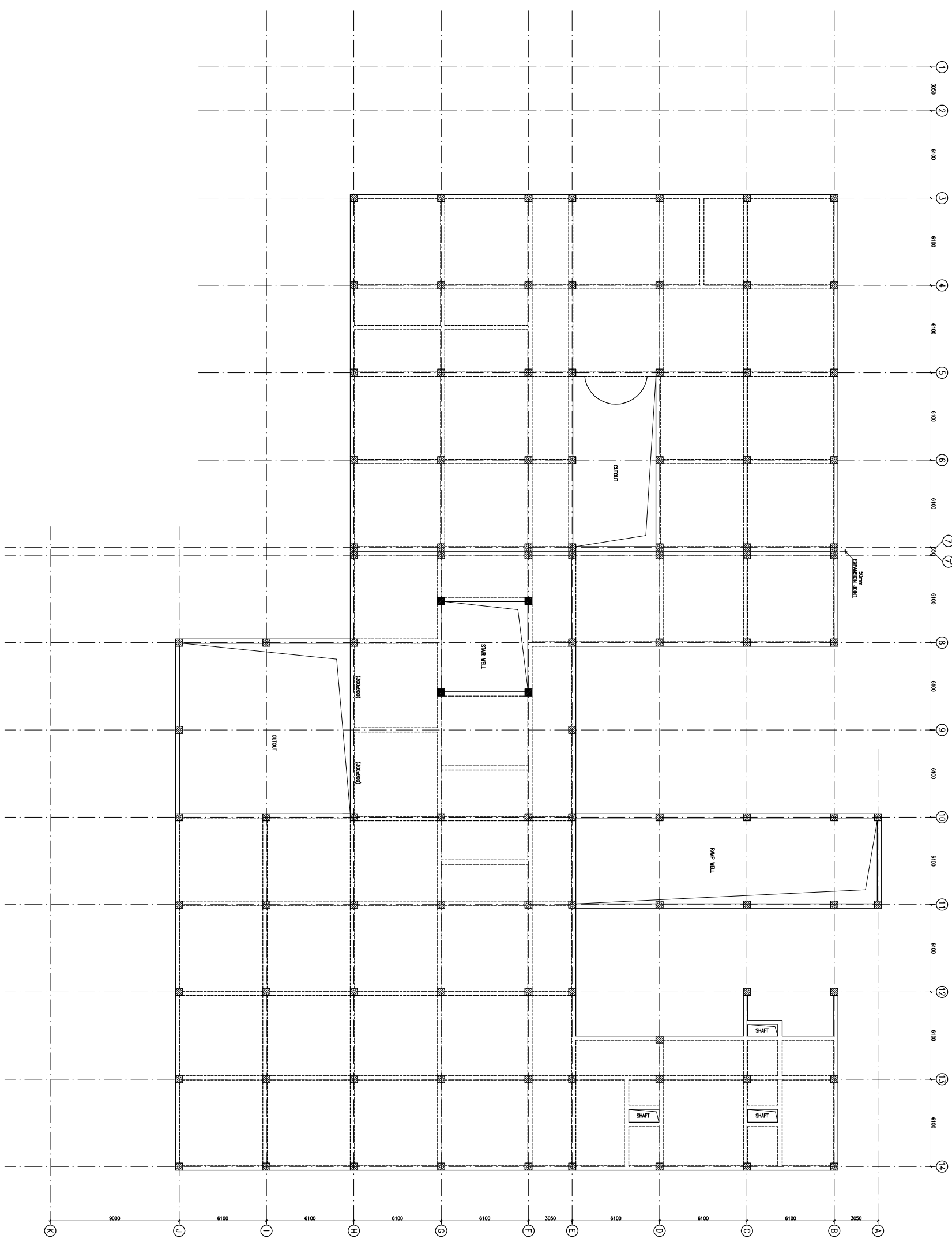
TYP. BEAM R/F DETAILS



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 | |

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 |

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|----------|----------|----------|
| APPROVED | REVIEWED | PREPARED |
|----------|----------|----------|

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