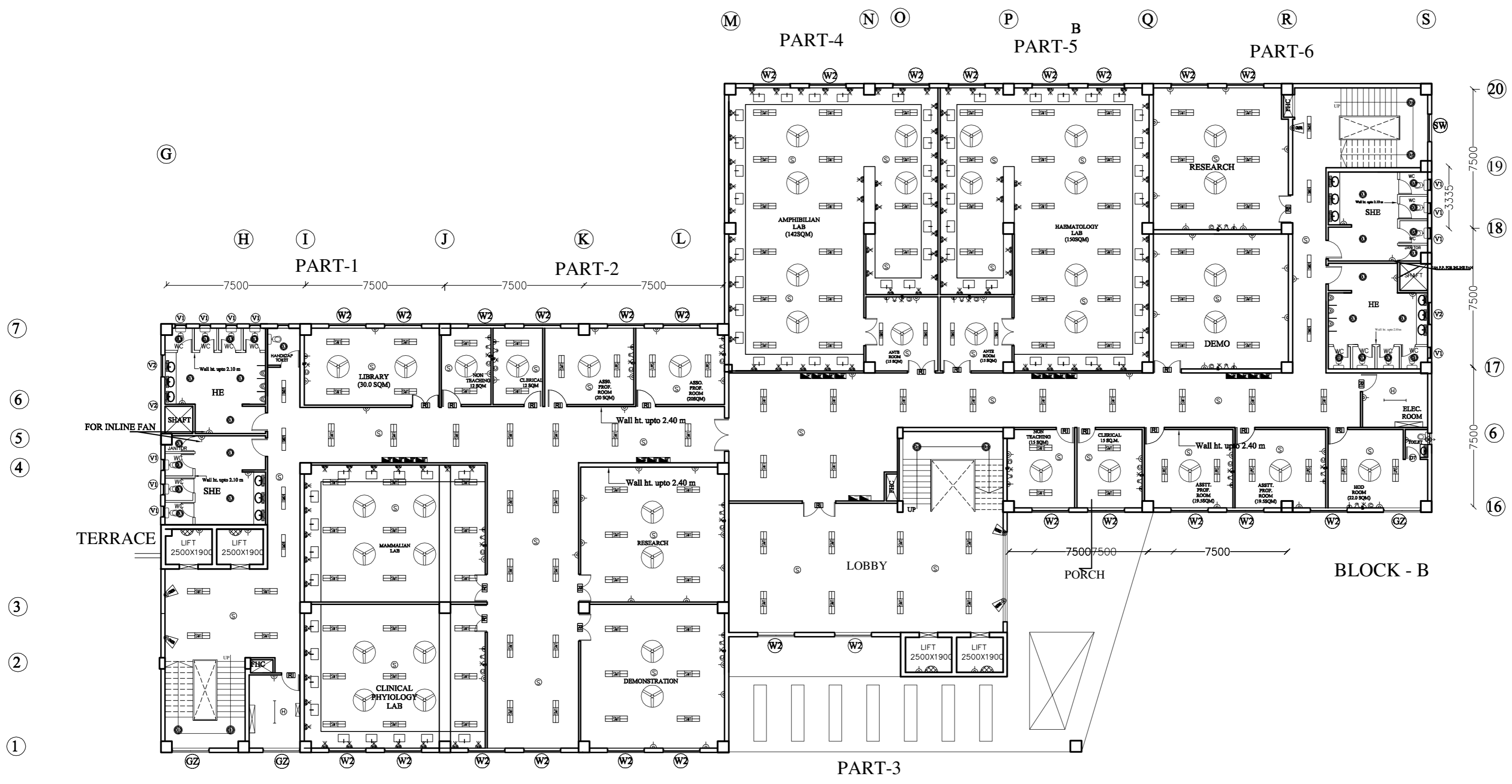


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NOTES



PHYSIOLOGY  
SECOND FLOOR PLAN  
BLOCK - A

PROJECT

MEDICAL COLLEGE  
ATNAHAN,  
HIMACHAL PRADESH

TITLE

TENDER DRAWING

TEACHING BLOCK

SECOND FLOOR  
PLAN

ELECTRICAL LAYOUT

HSCC/D&E/TEACHING BLOCK/NAHAN/TD/EL-503  
DRAWING NO.

JOB NO.	NTS SCALE	DATE
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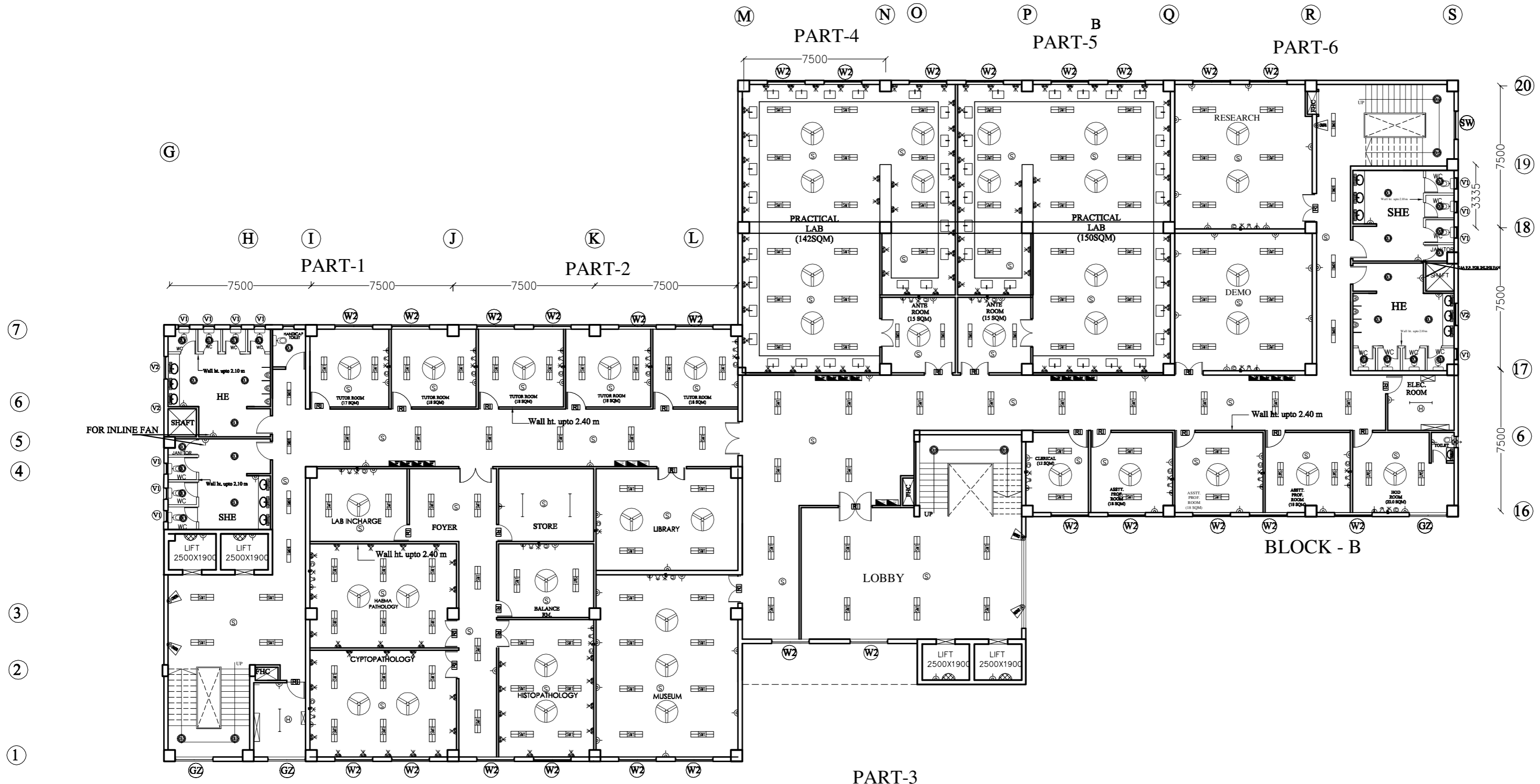
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NOTES



PATHOLOGY  
THIRD FLOOR PLAN

PROJECT

MEDICAL COLLEGE  
ATNAHAN,  
HIMACHAL PRADESH

TITLE

TENDER DRAWING

TEACHING BLOCK

THIRD FLOOR  
PLAN

ELECTRICAL LAYOUT

HSCC/D&E/TEACHING BLOCK/NAHAN/TD/EL-504  
DRAWING NO.

JOB NO.	NTS SCALE	DATE
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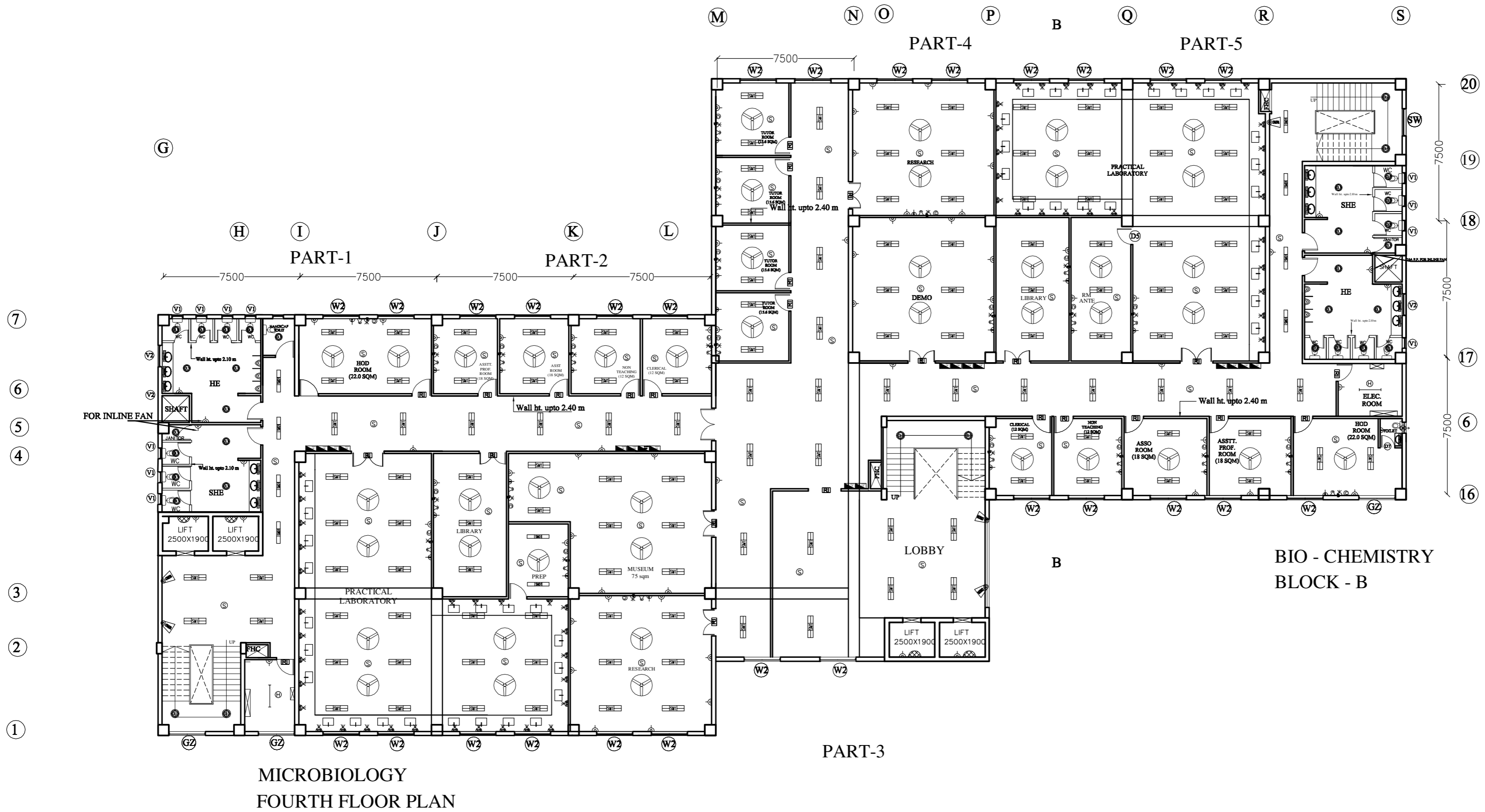
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NOTES



MICROBIOLOGY  
FOURTH FLOOR PLAN

BIO - CHEMISTRY  
BLOCK - B

PROJECT

MEDICAL COLLEGE  
ATNAHAN,  
HIMACHAL PRADESH

TITLE

TENDER DRAWING  
TEACHING BLOCK

FOURTH FLOOR  
PLAN  
ELECTRICAL LAYOUT

HSCC/D&E/TEACHING BLOCK/NAHAN/TD/EL-505  
DRAWING NO.

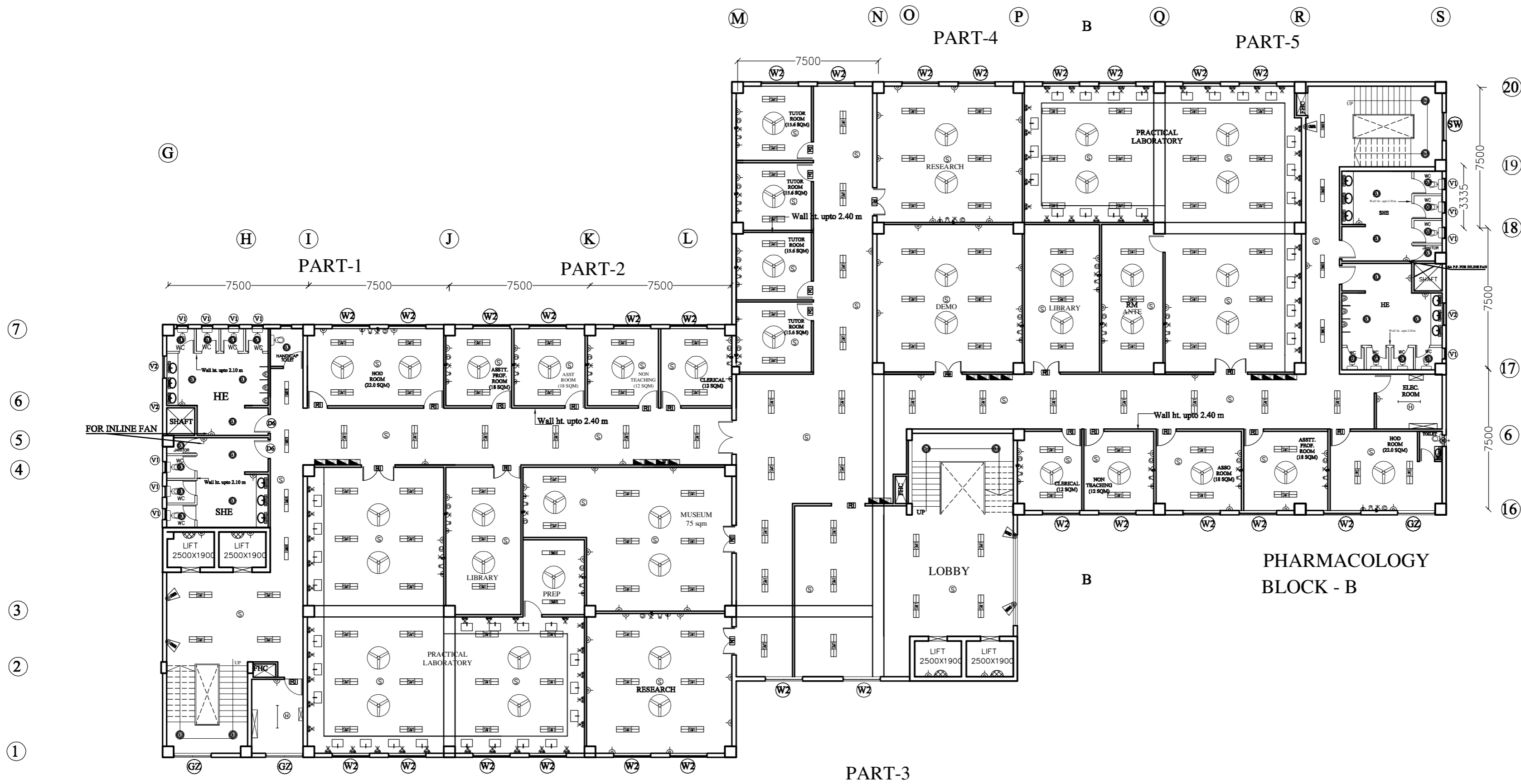
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NOTES



MICROBIOLOGY  
FIFTH FLOOR PLAN

PHARMACOLOGY  
BLOCK - B

PROJECT

MEDICAL COLLEGE  
ATNAHAN,  
HIMACHAL PRADESH

TITLE

TENDER DRAWING

TEACHING BLOCK

FIFTH FLOOR  
PLAN

ELECTRICAL LAYOUT

HSCC/D&E/TEACHING BLOCK/NAHAN/TD/EL-506  
DRAWING NO.

JOB NO.	NTS SCALE	DATE

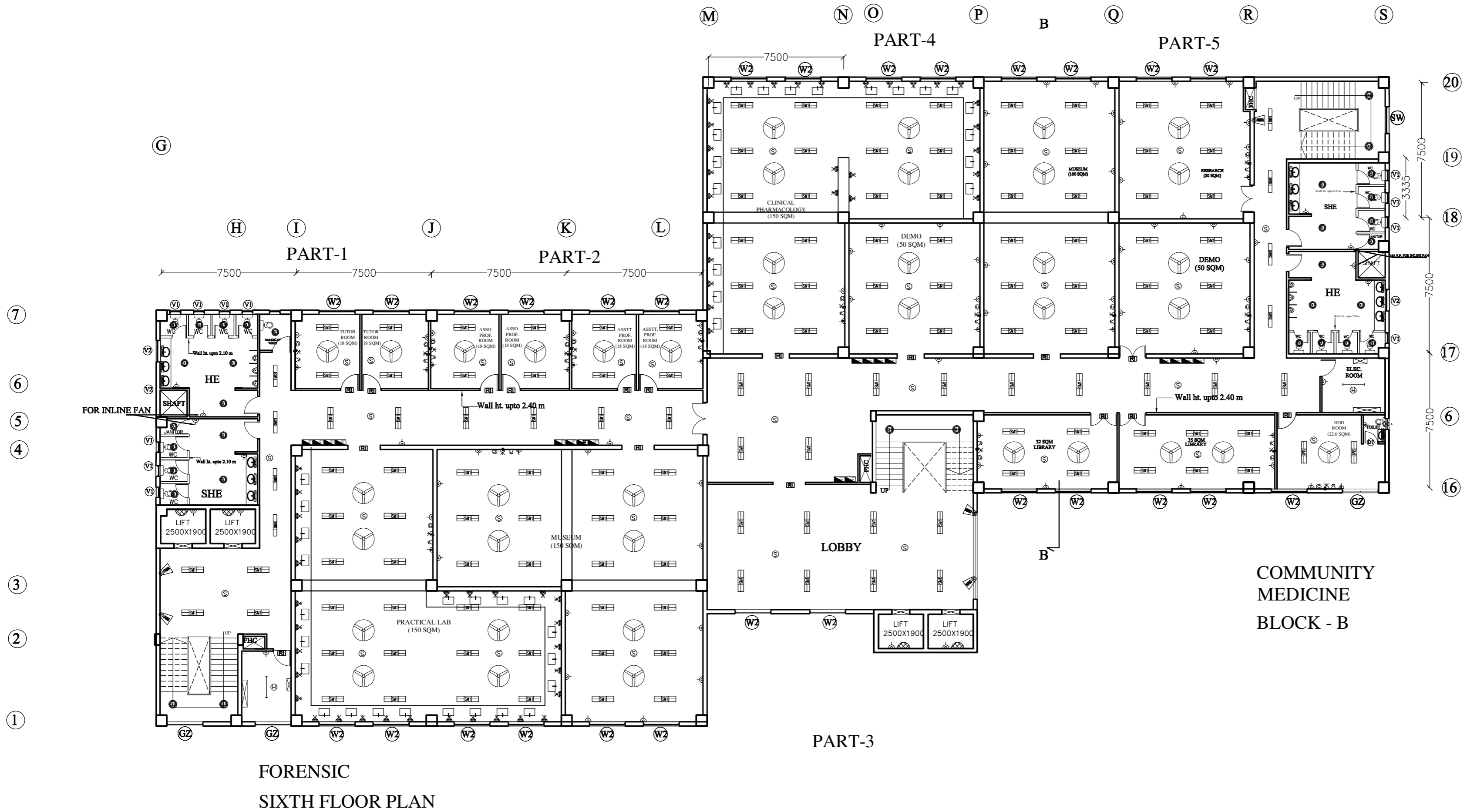
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NOTES



FORENSIC  
SIXTH FLOOR PLAN

PROJECT

MEDICAL COLLEGE  
ATNAHAN,  
HIMACHAL PRADESH

TITLE

TENDER DRAWING

TEACHING BLOCK

SIXTH FLOOR  
PLAN

ELECTRICAL LAYOUT

HSCC/D&E/TEACHING BLOCK/NAHAN/TD/EL-507  
DRAWING NO.

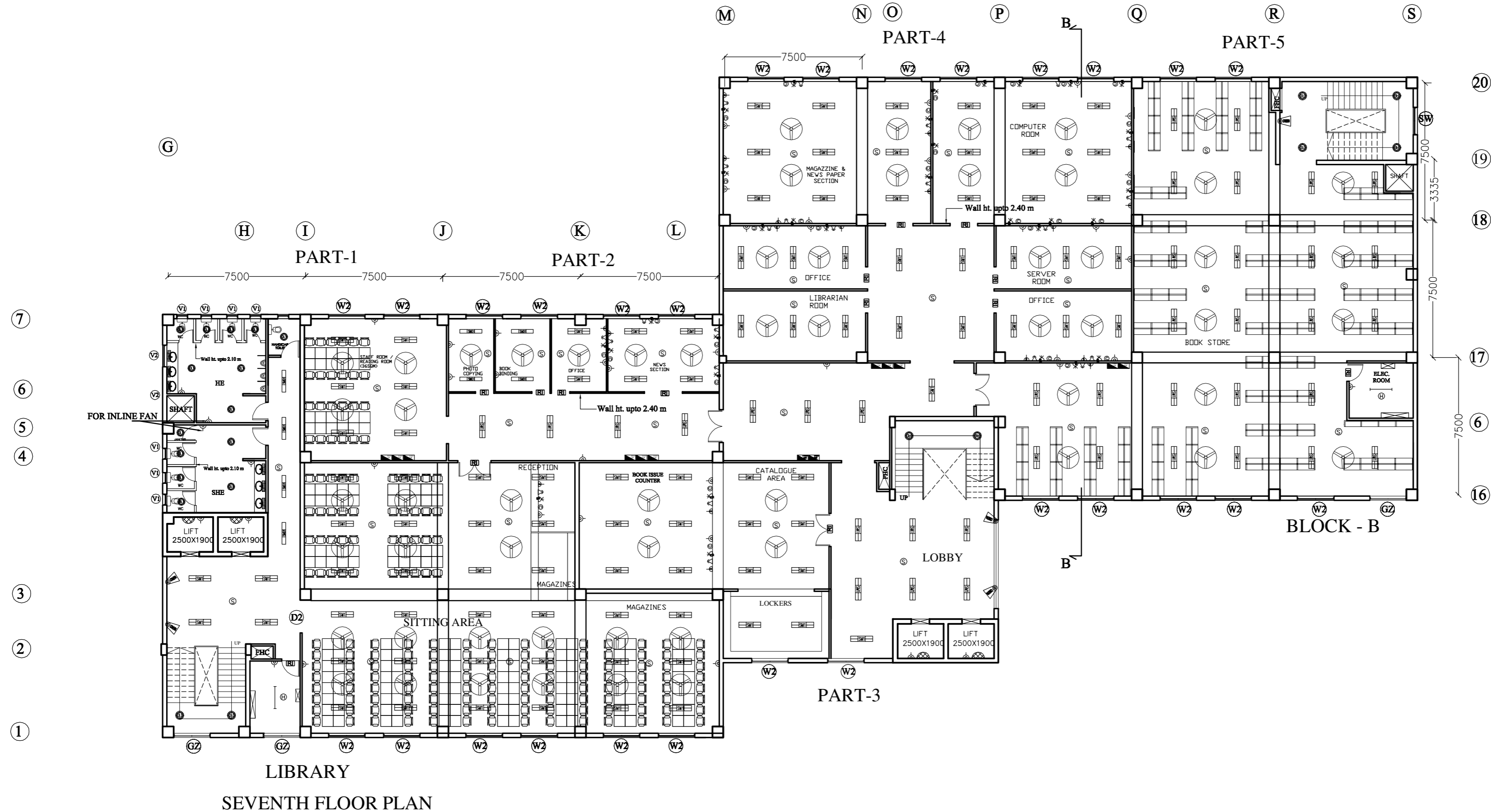
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NOTES



**PROJECT**

**MEDICAL COLLEGE  
ATNAHAN,  
HIMACHAL PRADESH**

**TITLE**

**TENDER DRAWING**

**TEACHING BLOCK**

**SEVENTH FLOOR  
PLAN**

**ELECTRICAL LAYOUT**

HSCC/D&E/TEACHING BLOCK/NAHAN/TD/EL-508  
DRAWING NO.

JOB NO.	NTS SCALE	DATE

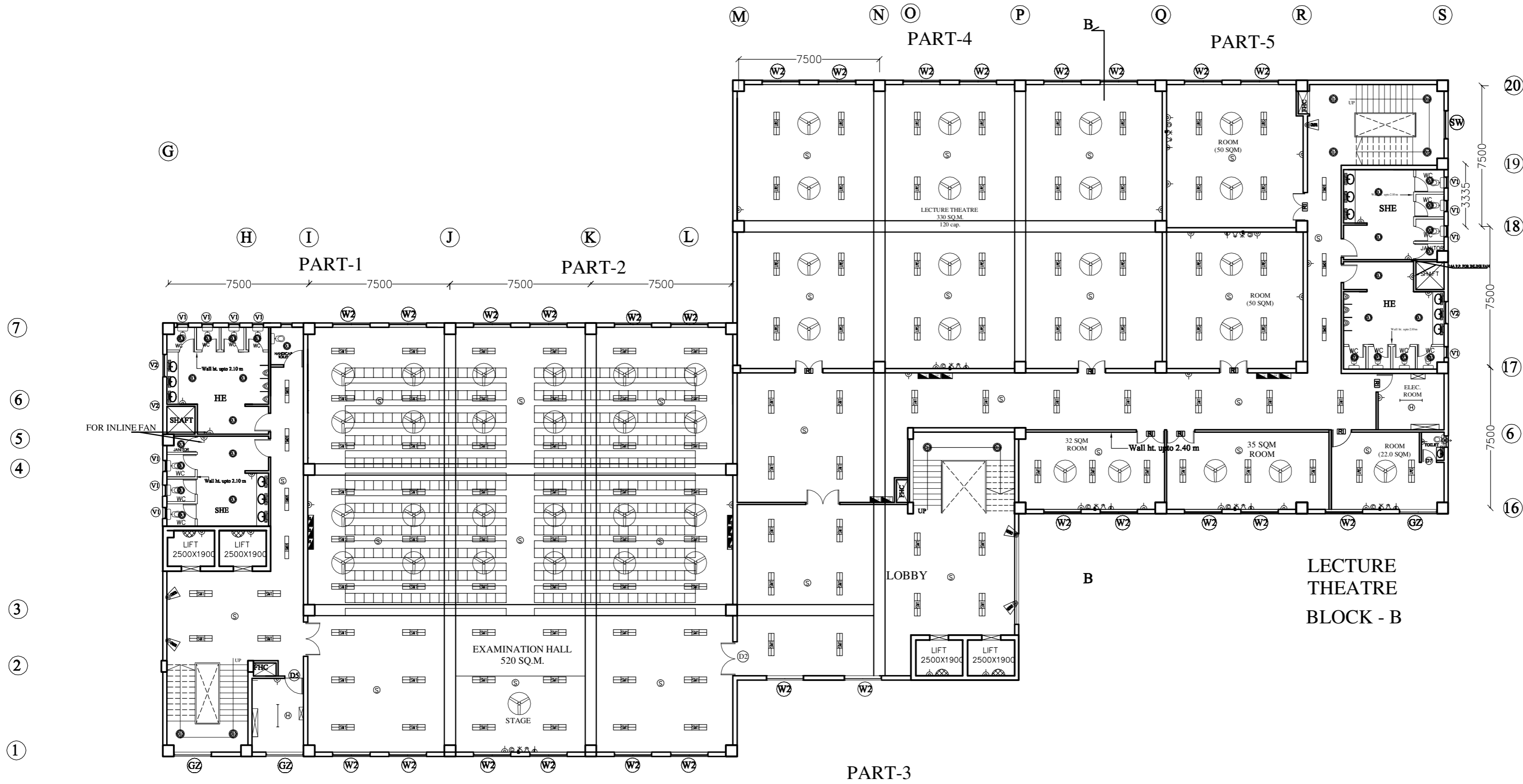
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NOTES



LECTURE THEATRES  
EIGHTH FLOOR PLAN

PROJECT

MEDICAL COLLEGE  
ATNAHAN,  
HIMACHAL PRADESH

TITLE

TENDER DRAWING

TEACHING BLOCK

EIGHTH FLOOR  
PLAN

ELECTRICAL LAYOUT

HSCC/D&E/TEACHING BLOCK/NAHAN/TD/EL-509  
DRAWING NO.

JOB NO.	NTS SCALE	DATE

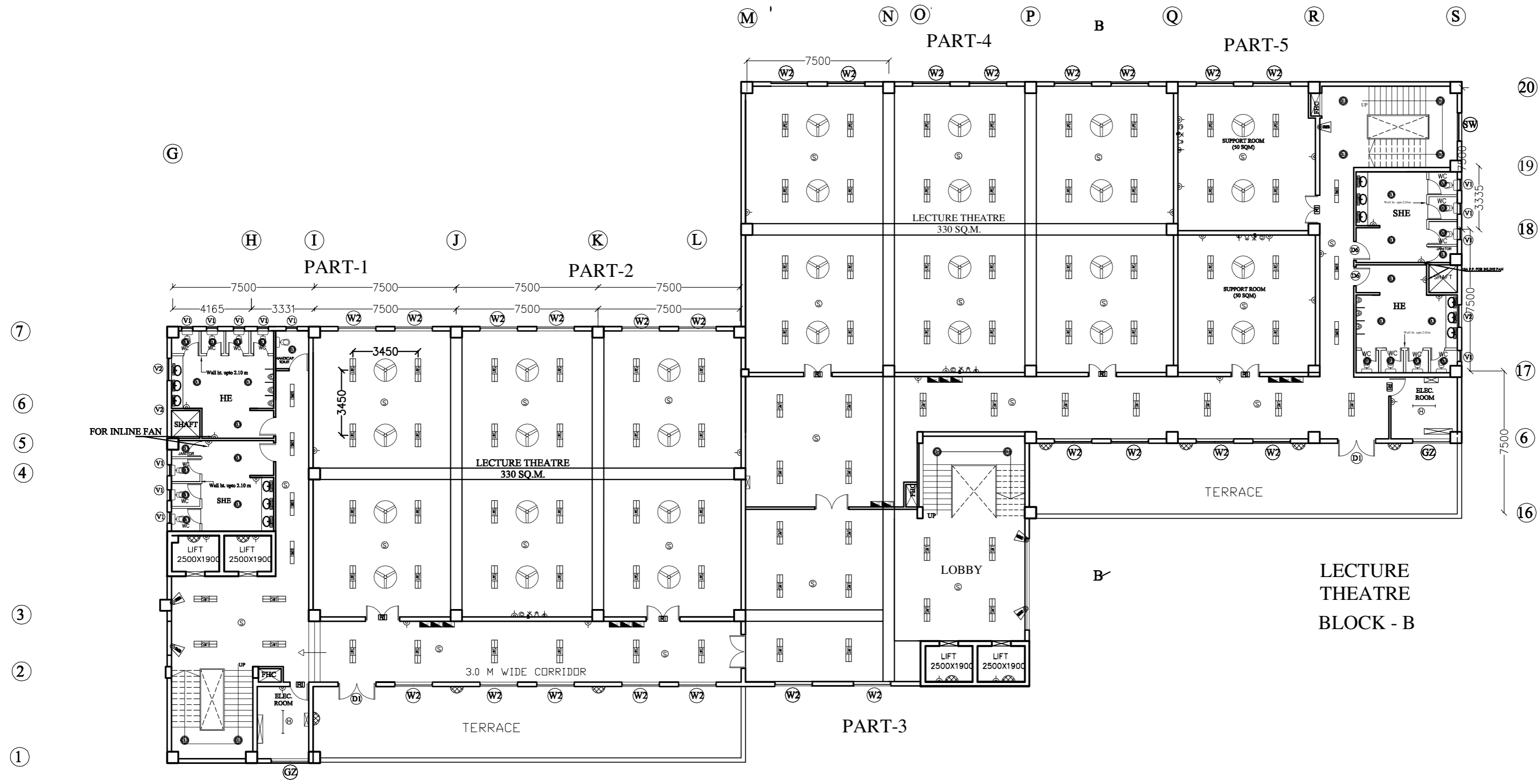
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NOTES



LECTURE THEATRES  
NINTH FLOOR PLAN

PROJECT

MEDICAL COLLEGE  
ATNAHAN,  
HIMACHAL PRADESH

TITLE

TENDER DRAWING  
TEACHING BLOCK

NINTH FLOOR  
PLAN  
ELECTRICAL LAYOUT

HSCC/D&E/TEACHING BLOCK/NAHAN/TD/EL-510  
DRAWING NO.

JOB NO.	NTS SCALE	DATE

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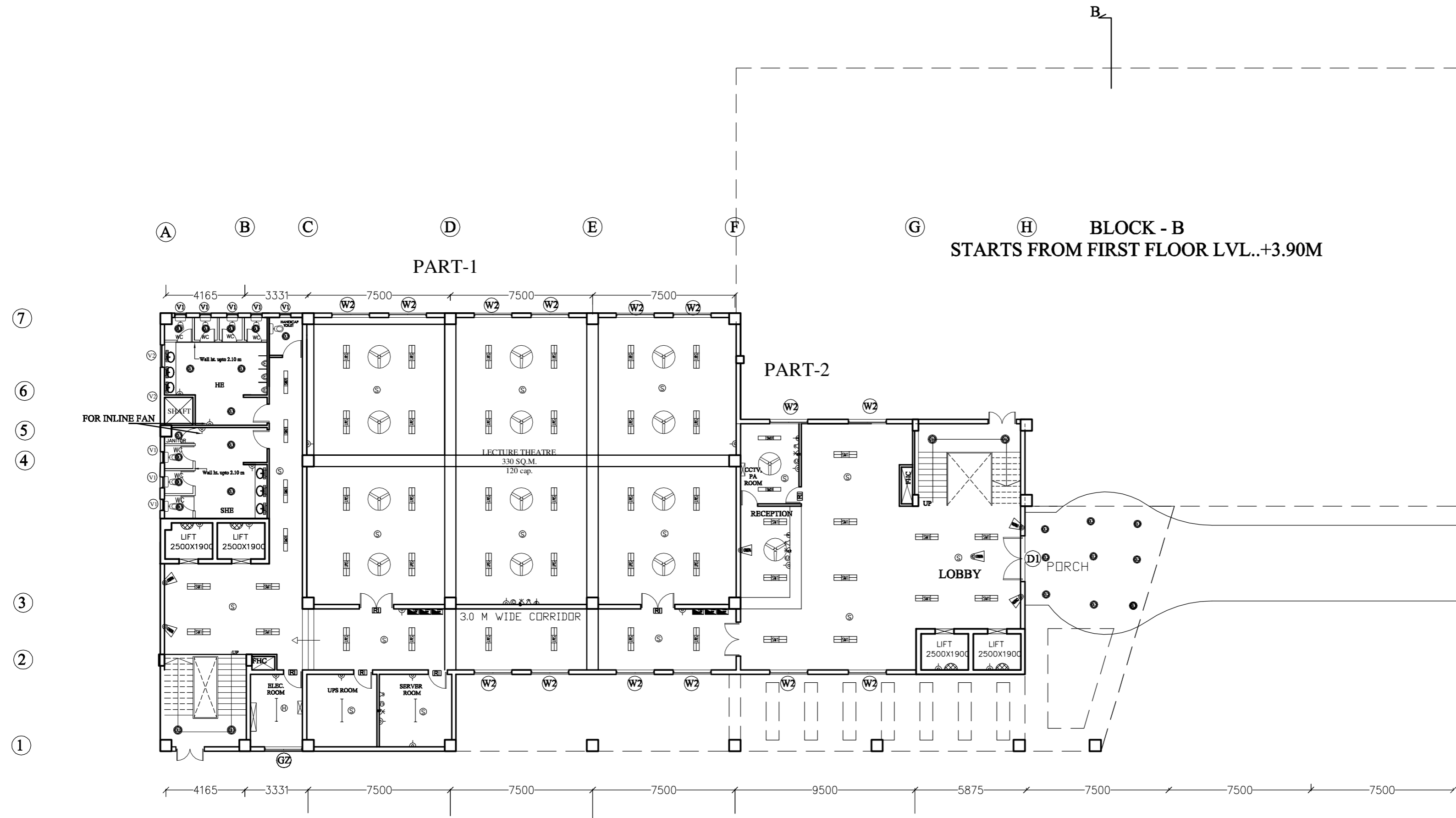
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NOTES



**AUDITORIUM / LECTURE THEATRE**  
**GROUND FLOOR PLAN**  
**BLOCK - A**  
**LVL..+0.0M**

**PROJECT**

**MEDICAL COLLEGE**  
**ATNAHAN,**  
**HIMACHAL PRADESH**

**TITLE**

**TENDER DRAWING**

**TEACHING BLOCK**

**GROUND FLOOR**  
**PLAN**

**ELECTRICAL LAYOUT**

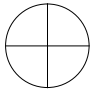
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DRAWING NO.

JOB NO.	NTS SCALE	DATE

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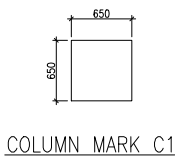
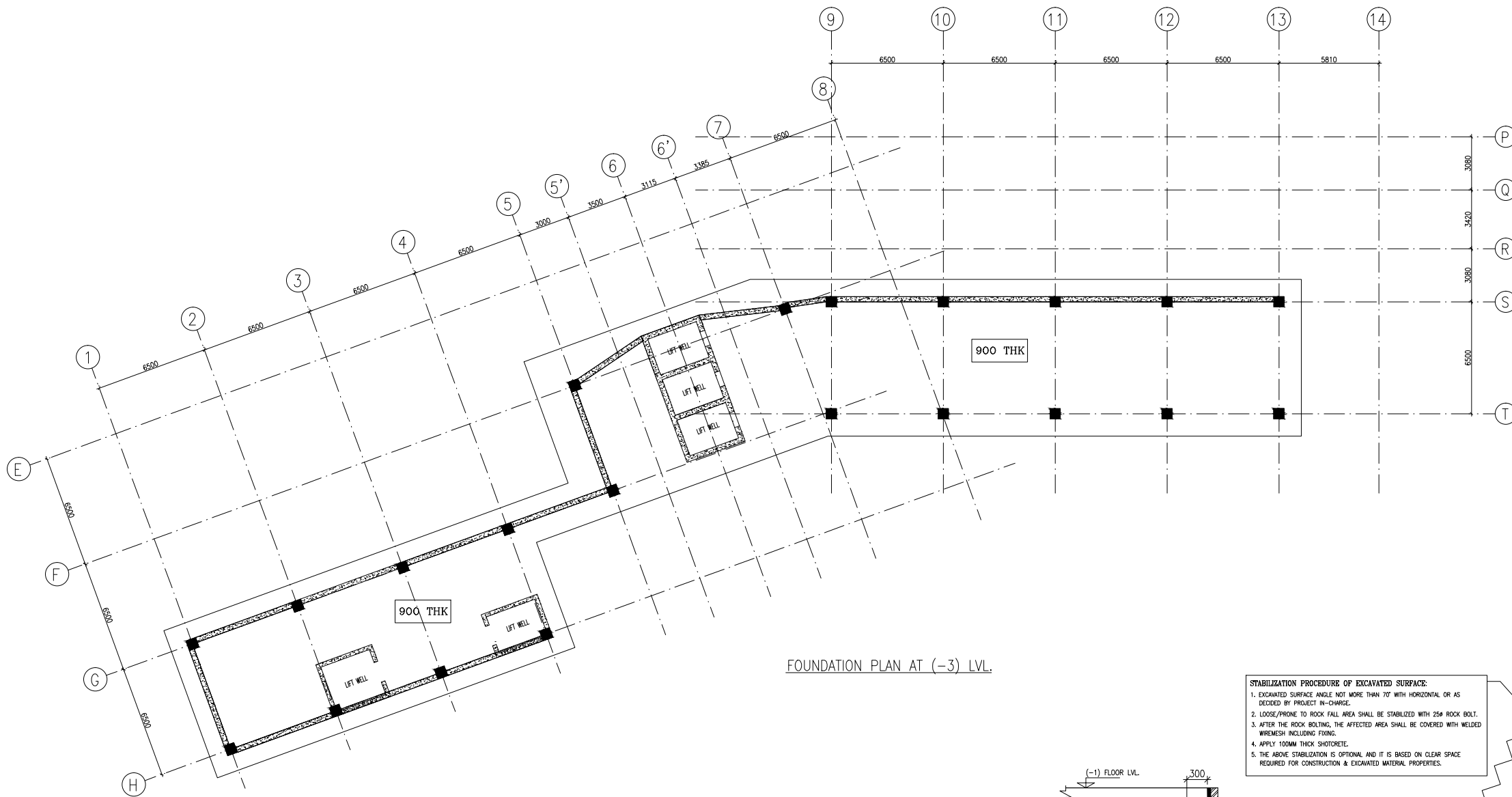
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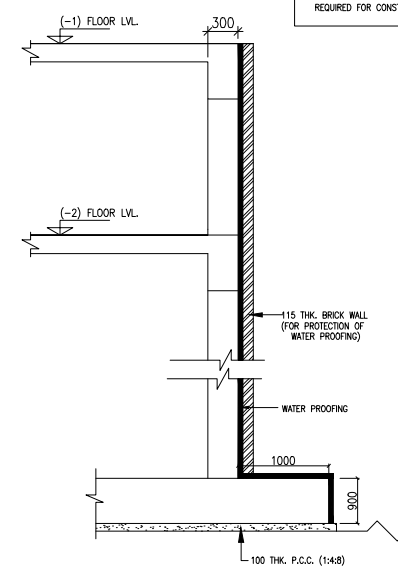
**NOTES**

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 = 25mm  
 SLAB = 20mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK & M-35 FOR COLUMN AS PER IS:456-2000
6. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
8. DEVELOPEMENT LENGTH = 50xBAR  $\phi$ .



**STABILIZATION PROCEDURE OF EXCAVATED SURFACE:**

1. EXCAVATED SURFACE ANGLE NOT MORE THAN 70° WITH HORIZONTAL OR AS DECIDED BY PROJECT IN-CHARGE.
2. LOOSE/PNE TO ROCK FALL AREA SHALL BE STABILIZED WITH 25# ROCK BOLT.
3. AFTER THE ROCK BOLTING, THE AFFECTED AREA SHALL BE COVERED WITH WELDED WIREMESH INCLUDING FIXING.
4. APPLY 100MM THICK SHOTCRETE.
5. THE ABOVE STABILIZATION IS OPTIONAL AND IT IS BASED ON CLEAR SPACE REQUIRED FOR CONSTRUCTION & EXCAVATED MATERIAL PROPERTIES.



SECTION 1-1  
RETAINING WALL MKD.

R-0	23.06.17	ISSUE FOR TENDER
REV. DATE		DESCRIPTION

**REVISION**

**PROJECT**

MEDICAL COLLEGE AT NAHAN,  
HIMACHAL PRADESH

**TITLE**

HOSPITAL BLOCK

FOUNDATION PLAN AT (-3) LVL.

HSCC/D&E/NAHAN/MC/TD/HOSP/ST-101

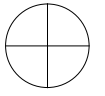
Drawing No. REV. 0

HSCC/ JOB No.	1:100 SCALE	JUNE.-2016 DATE
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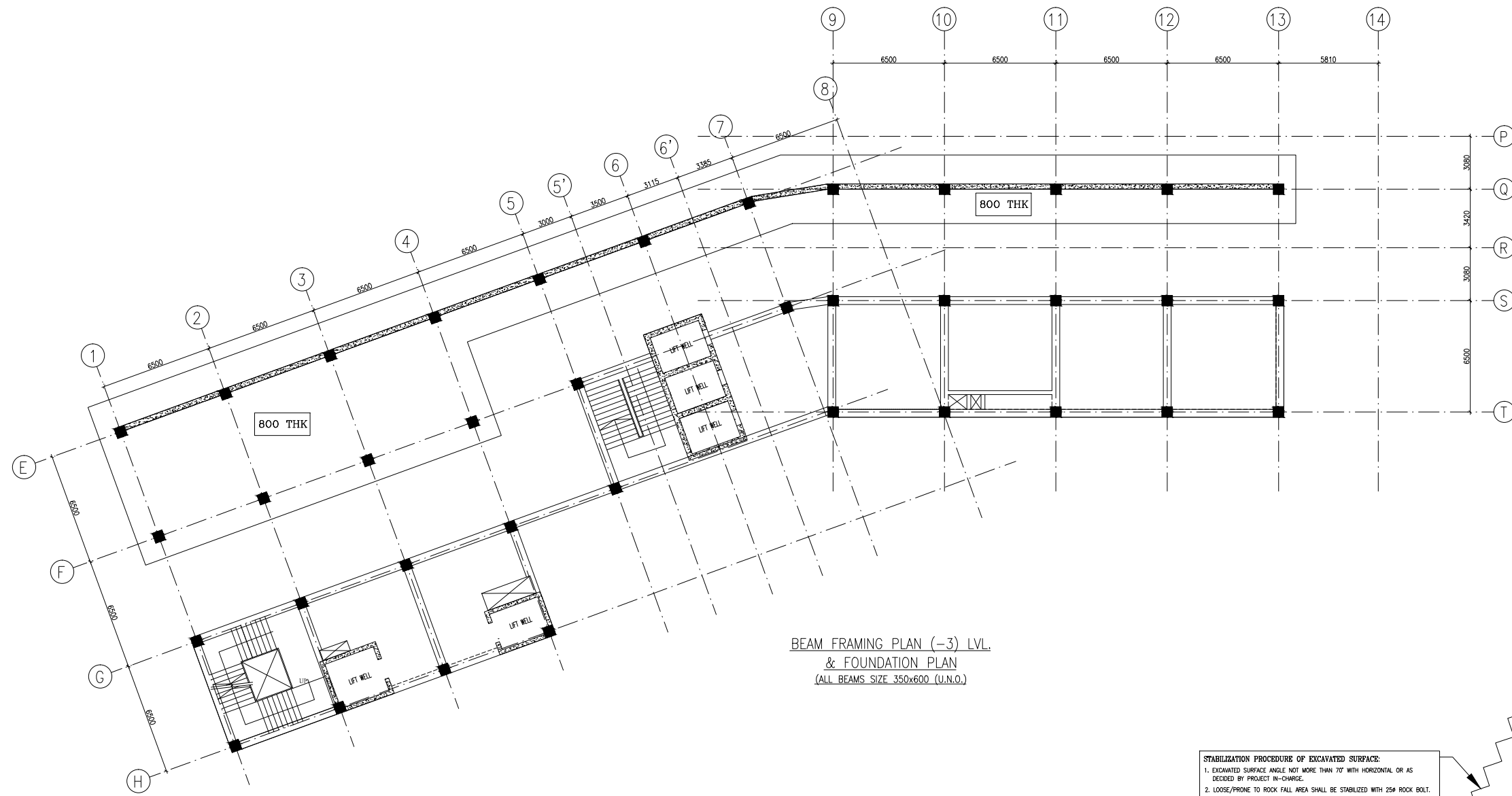
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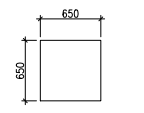
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**NOTES**

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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 = 25mm  
 SLAB = 20mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK & M-35 FOR COLUMN AS PER IS:456-2000
6. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
8. DEVELOPEMENT LENGTH = 50xBAR  $\phi$ .

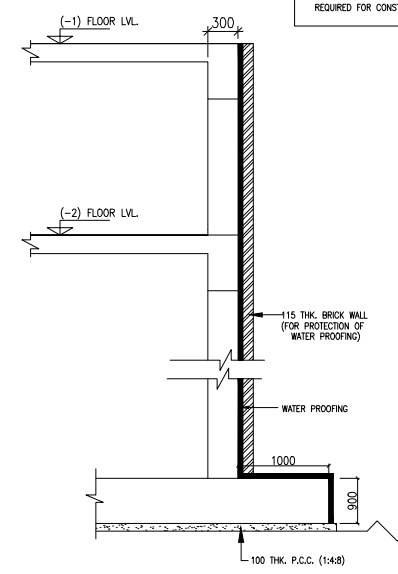


BEAM FRAMING PLAN (-3) LVL.  
& FOUNDATION PLAN  
(ALL BEAMS SIZE 350x600 (U.N.O.))



COLUMN MARK C1

**STABILIZATION PROCEDURE OF EXCAVATED SURFACE:**  
 1. EXCAVATED SURFACE ANGLE NOT MORE THAN 70° WITH HORIZONTAL OR AS DECIDED BY PROJECT IN-CHARGE.  
 2. LOOSE/PRIENE TO ROCK FALL AREA SHALL BE STABILIZED WITH 25# ROCK BOLT.  
 3. AFTER THE ROCK BOLTING, THE AFFECTED AREA SHALL BE COVERED WITH WELDED WIREMESH INCLUDING FIXING.  
 4. APPLY 100MM THICK SHOTCRETE.  
 5. THE ABOVE STABILIZATION IS OPTIONAL AND IT IS BASED ON CLEAR SPACE REQUIRED FOR CONSTRUCTION & EXCAVATED MATERIAL PROPERTIES.



SECTION 1-1  
RETAINING WALL MKD.

R-0	23.06.17	ISSUE FOR TENDER
REV. DATE	DESCRIPTION	

**REVISION**

**PROJECT**

MEDICAL COLLEGE AT NAHAN,  
HIMACHAL PRADESH

**TITLE**

HOSPITAL BLOCK

BEAM FRAMING PLAN (-3) LVL.  
& FOUNDATION PLAN

HSCC/D&E/NAHAN/MC/TD/HOSP/ST-102

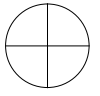
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HSCC/ JOB No.	1:100 SCALE	JUNE.-2016 DATE
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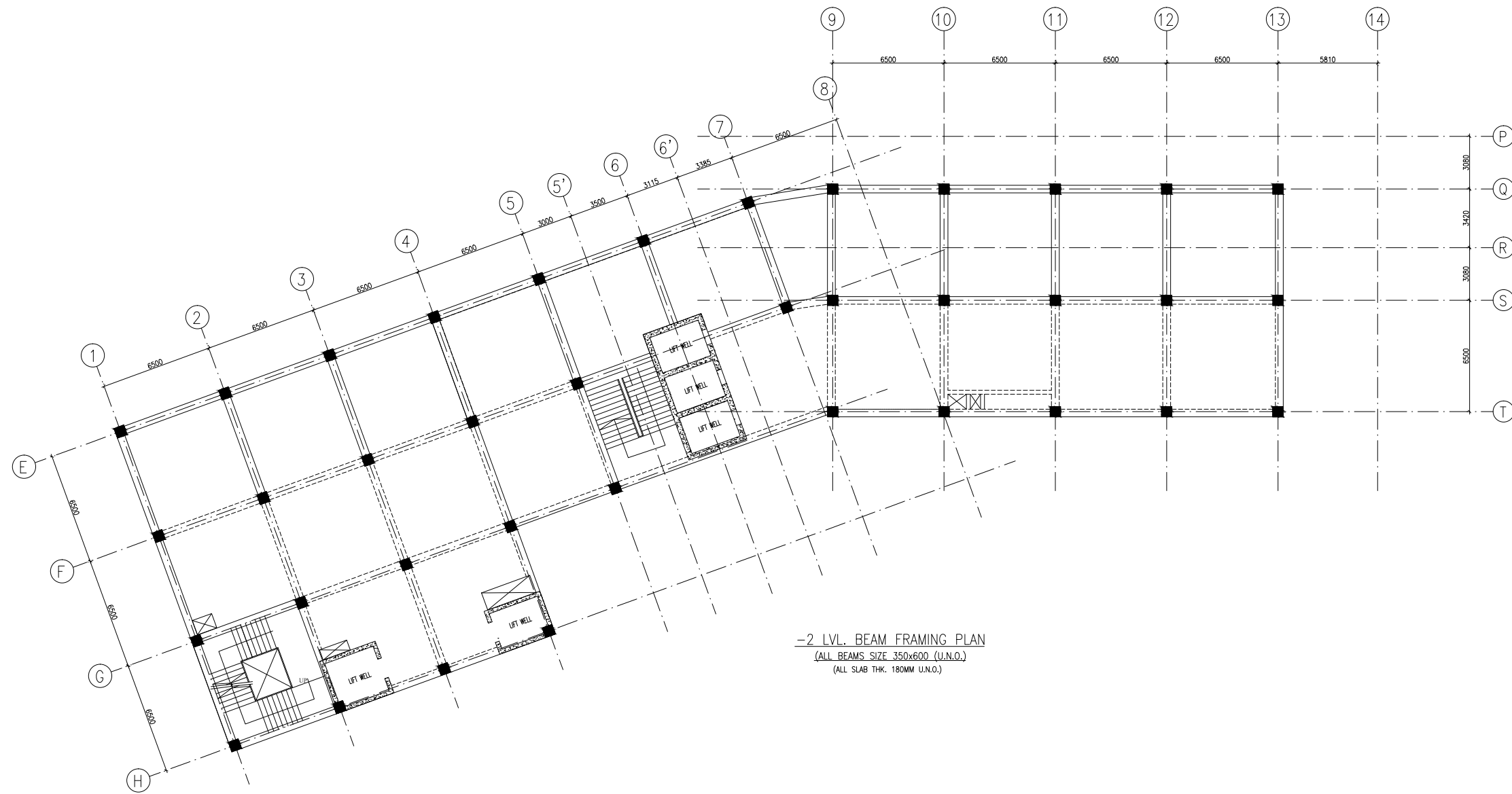
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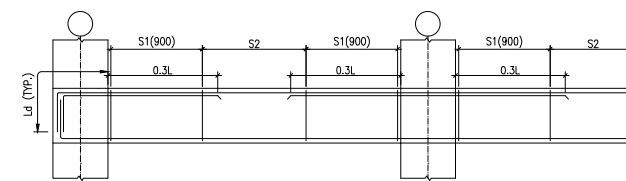
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**NOTES**

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3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS, THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-  
 FOUNDATION = 50mm  
 COLUMN = 40mm  
 BEAM = 25mm  
 SLAB = 20mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK & M-35 FOR COLUMN AS PER IS:456-2000
6. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
8. DEVELOPEMENT LENGTH = 50xBAR  $\phi$ .



**-2 LVL. BEAM FRAMING PLAN**  
 (ALL BEAMS SIZE 350x600 (U.N.O.))  
 (ALL SLAB THK. 180MM U.N.O.)



TYP. BEAM R/F DETAILS


R-0	23.06.17	ISSUE FOR TENDER
REV. DATE		DESCRIPTION

**REVISION**

**PROJECT**

MEDICAL COLLEGE AT NAHAN,  
HIMACHAL PRADESH

**TITLE**

HOSPITAL BLOCK

-2 LVL. BEAM FRAMING PLAN

HSCC/D&E/NAHAN/MC/TD/HOSP/ST-103

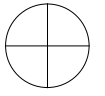
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HSCC/ JOB No.	1:100 SCALE	JUNE.-2016 DATE
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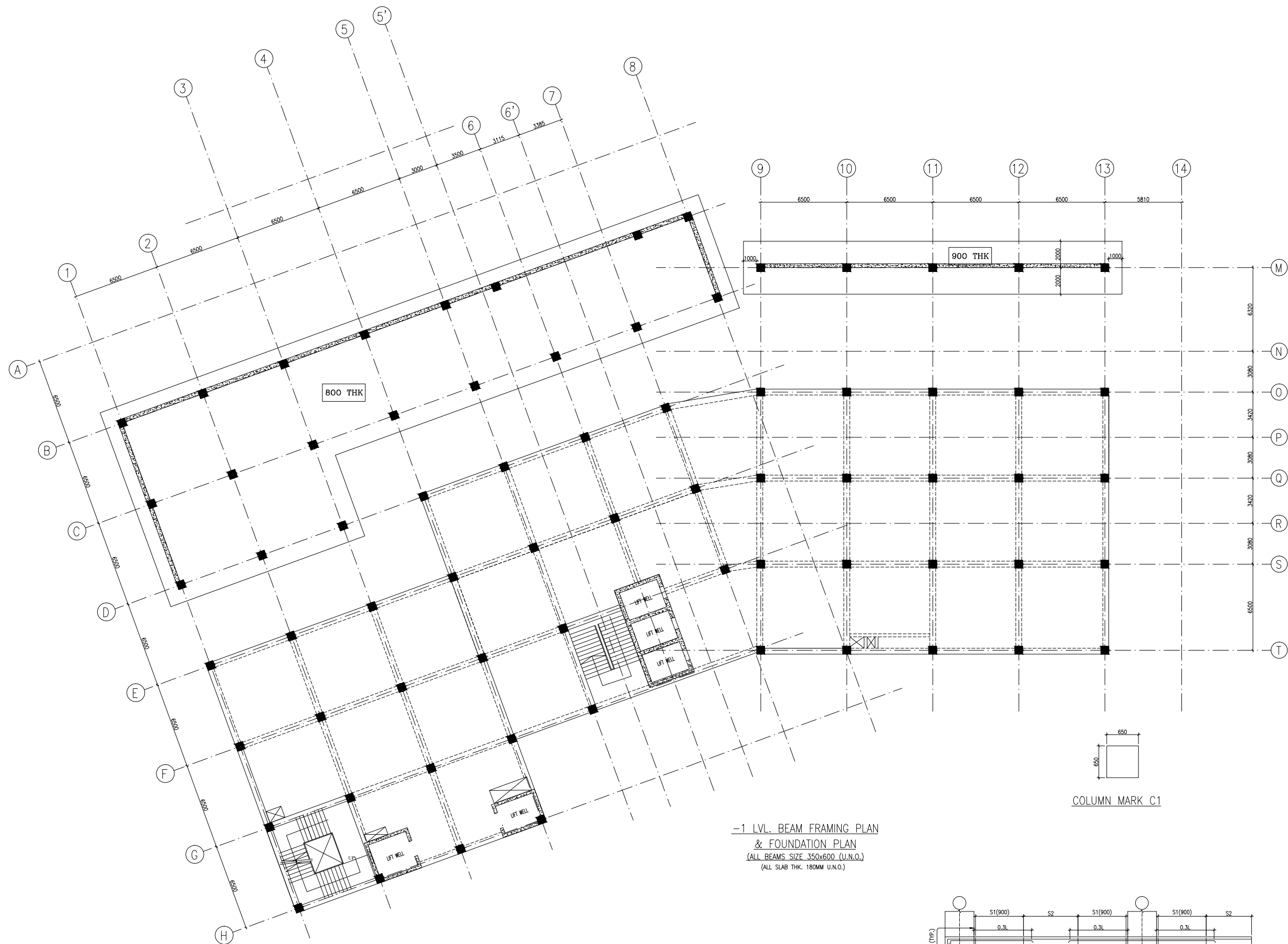
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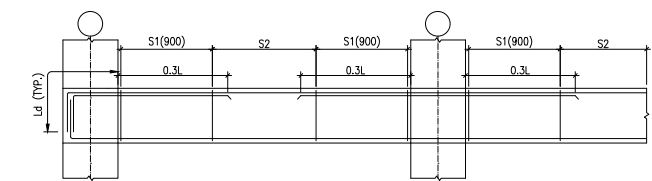
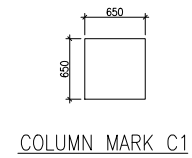
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3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS, THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-  
 FOUNDATION = 50mm  
 COLUMN = 40mm  
 BEAM = 25mm  
 SLAB = 20mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK & M-35 FOR COLUMN AS PER IS:456-2000
6. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
8. DEVELOPEMENT LENGTH = 50xBAR  $\phi$ .



**-1 LVL. BEAM FRAMING PLAN & FOUNDATION PLAN**  
 (ALL BEAMS SIZE 350x600 (U.N.O.))  
 (ALL SLAB THK. 180MM U.N.O.)



TYP. BEAM R/F DETAILS

R-0	23.06.17	ISSUE FOR TENDER
REV. DATE	DESCRIPTION	

**REVISION**

**PROJECT**

MEDICAL COLLEGE AT NAHAN, HIMACHAL PRADESH

**TITLE**

HOSPITAL BLOCK

**-1 LVL. BEAM FRAMING PLAN & FOUNDATION PLAN**

HSCC/D&E/NAHAN/MC/TD/HOSP/ST-104

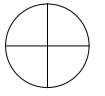
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HSCC/ JOB No.	1:100 SCALE	JUNE.-2016 DATE
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4. CLEAR COVER OF R/F TO BE AS BELOW:-  
 FOUNDATION = 50mm  
 COLUMN = 40mm  
 BEAM = 25mm  
 SLAB = 20mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK & M-35 FOR COLUMN AS PER IS:456-2000
6. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
8. DEVELOPEMENT LENGTH = 50xBAR  $\phi$ .


R-0	23.06.17	ISSUE FOR TENDER
REV. DATE		DESCRIPTION

**REVISION**

**PROJECT**

MEDICAL COLLEGE AT NAHAN, HIMACHAL PRADESH

**TITLE**

HOSPITAL BLOCK

GROUND FLOOR LVL.  
BEAM FRAMING PLAN

HSCC/D&E/NAHAN/MC/TD/HOSP/ST-105

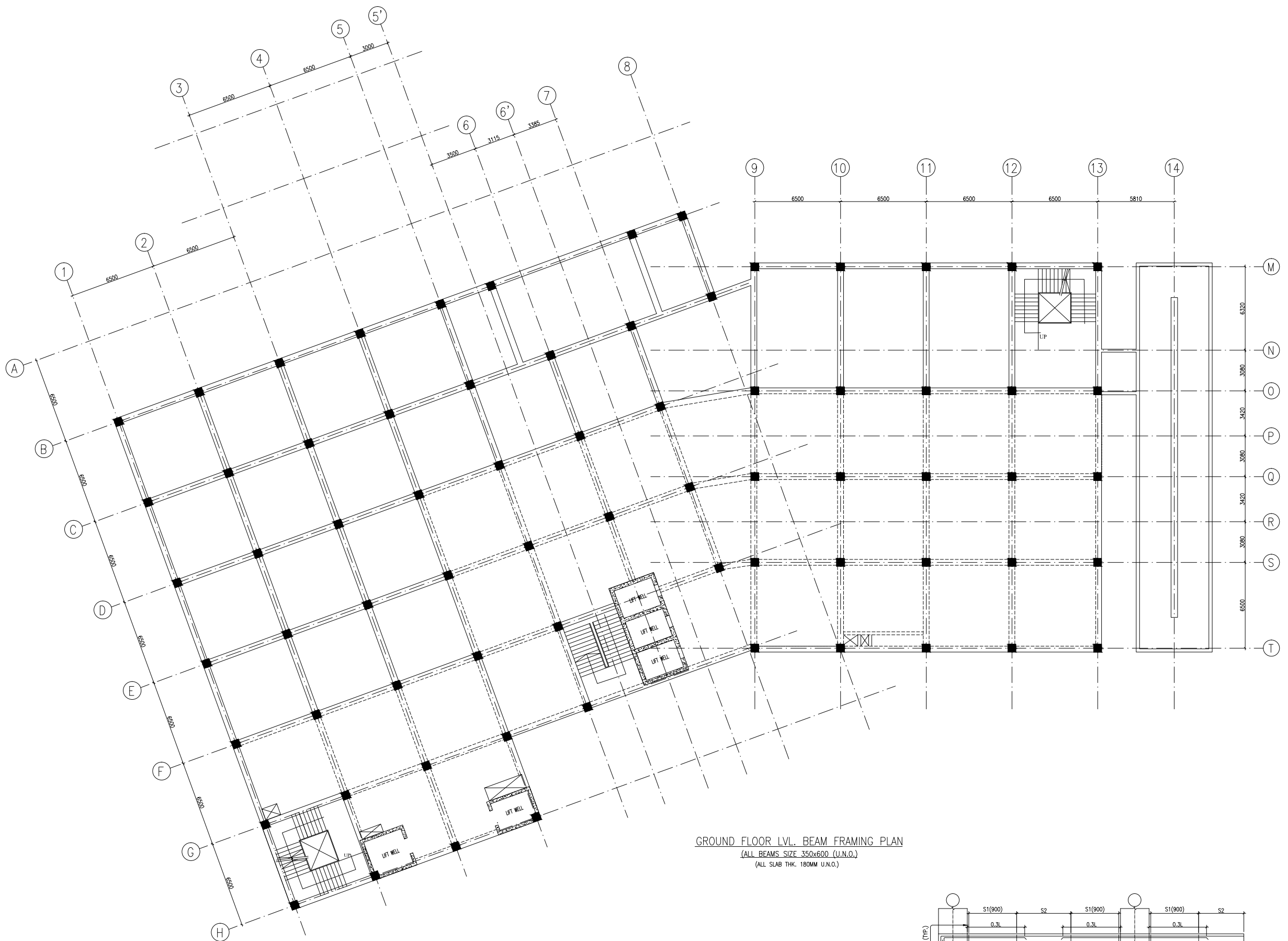
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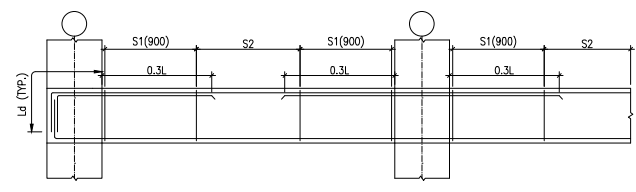
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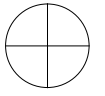
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GROUND FLOOR LVL. BEAM FRAMING PLAN  
(ALL BEAMS SIZE 350x600 (U.N.O.))  
(ALL SLAB THK. 180MM U.N.O.)



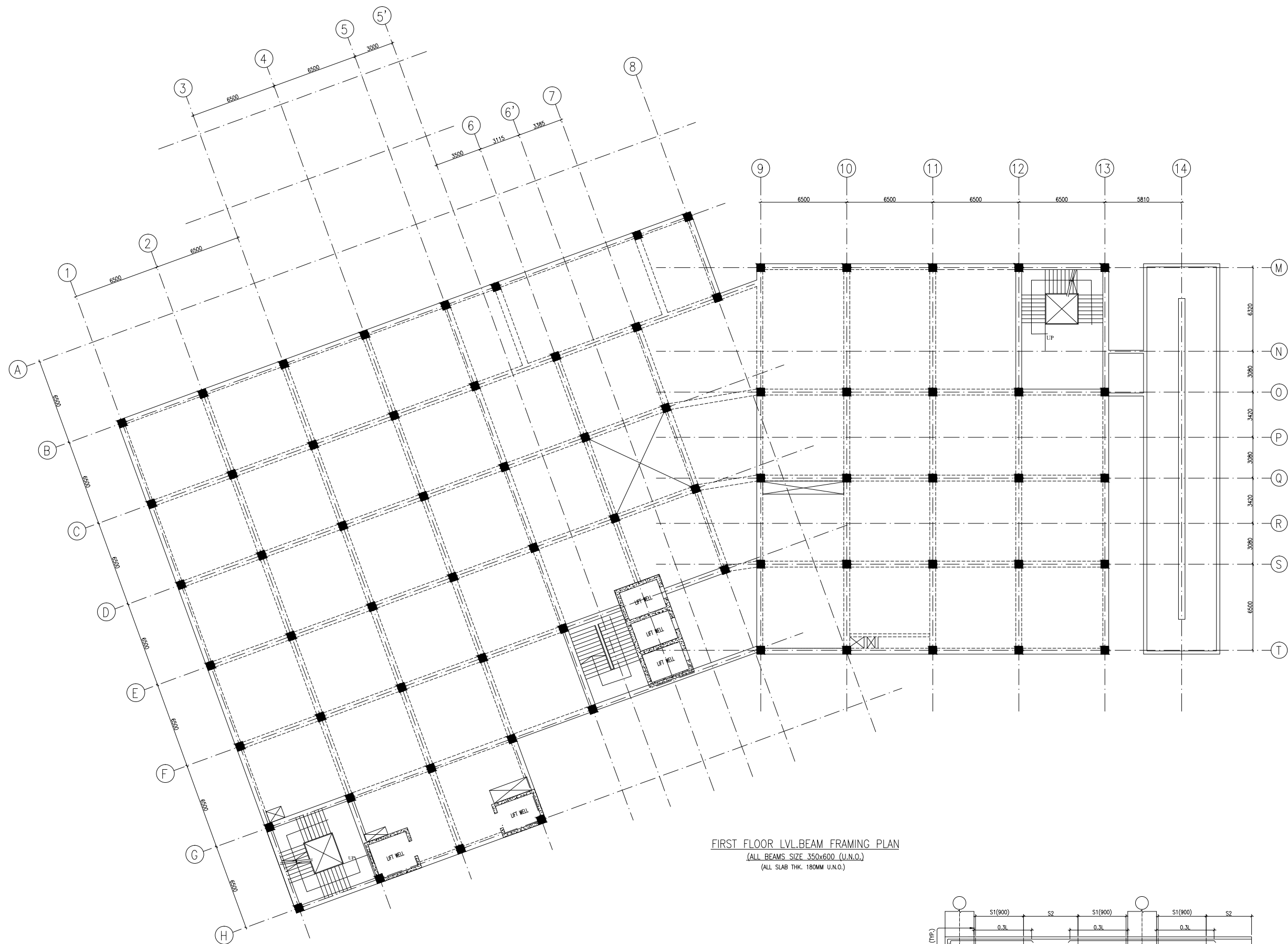
TYP. BEAM R/F DETAILS



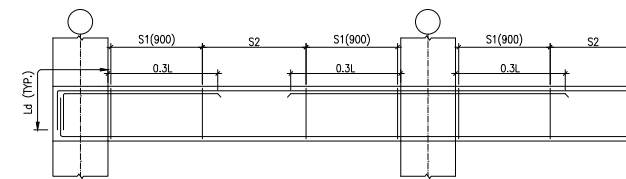
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**NOTES**

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 = 25mm  
 SLAB = 20mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK & M-35 FOR COLUMN AS PER IS:456-2000
6. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
8. DEVELOPEMENT LENGTH = 50xBAR  $\phi$ .



FIRST FLOOR LVL.BEAM FRAMING PLAN  
 (ALL BEAMS SIZE 350x600 (U.N.O.)  
 (ALL SLAB THK. 180MM U.N.O.)



TYP. BEAM R/F DETAILS


R-0 23.06.17 ISSUE FOR TENDER

REV. DATE DESCRIPTION

**REVISION**

**PROJECT**

MEDICAL COLLEGE AT NAHAN,  
 HIMACHAL PRADESH

**TITLE**

HOSPITAL BLOCK

FIRST FLOOR LVL.  
 BEAM FRAMING PLAN

HSCC/D&E/NAHAN/MC/TD/HOSP/ST-106

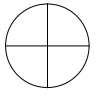
Drawing No. REV. 0

HSCC/ JOB No. 1:100 SCALE JUNE.-2016 DATE

APPROVED REVIEWED PREPARED

HSCC INDIA LTD.  
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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 = 25mm  
 SLAB = 20mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK & M-35 FOR COLUMN AS PER IS:456-2000
6. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
8. DEVELOPEMENT LENGTH = 50xBAR  $\phi$ .

R-0 23.06.17 ISSUE FOR TENDER

REV. DATE	DESCRIPTION

**REVISION**

**PROJECT**

MEDICAL COLLEGE AT NAHAN, HIMACHAL PRADESH

**TITLE**

HOSPITAL BLOCK

SECOND TO FOURTH FLOOR LVL.  
BEAM FRAMING PLAN

HSCC/D&E/NAHAN/MC/TD/HOSP/ST-107

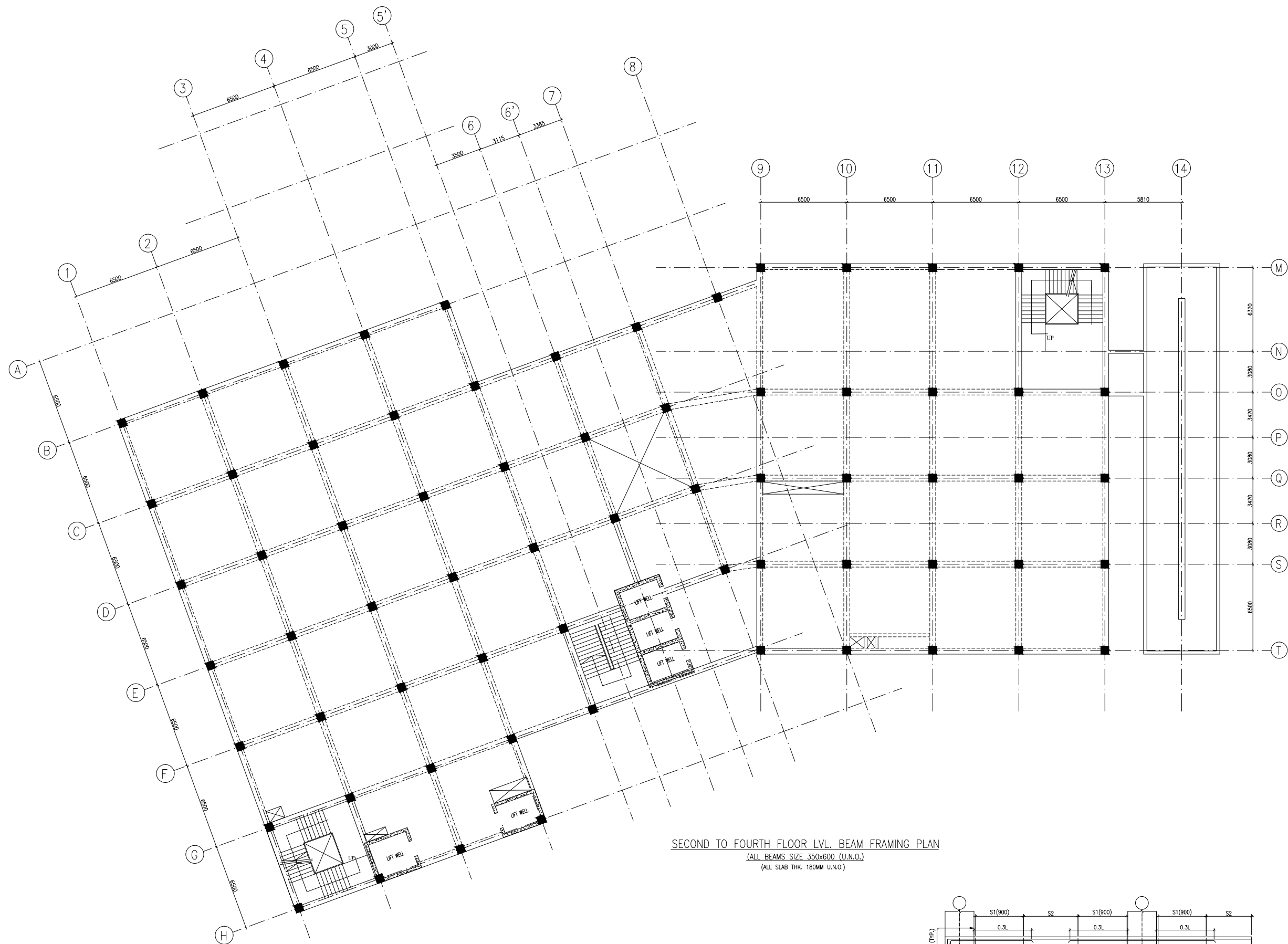
Drawing No. REV. 0

HSCC/ JOB No.	1:100 SCALE	JUNE.-2016 DATE

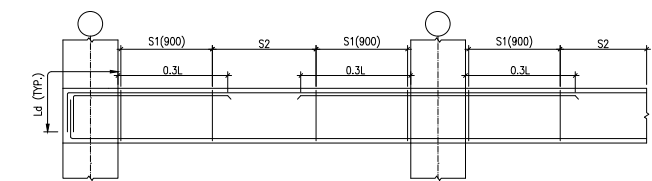
APPROVED	REVIEWED	PREPARED

HSCC INDIA LTD.  
(A GOVERNMENT OF INDIA ENTERPRISE)

**HSCC**  
NEW DELHI INDIA

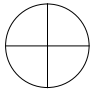


SECOND TO FOURTH FLOOR LVL. BEAM FRAMING PLAN  
(ALL BEAMS SIZE 350x600 (U.N.O.)  
(ALL SLAB THK. 180MM U.N.O.)



TYP. BEAM R/F DETAILS

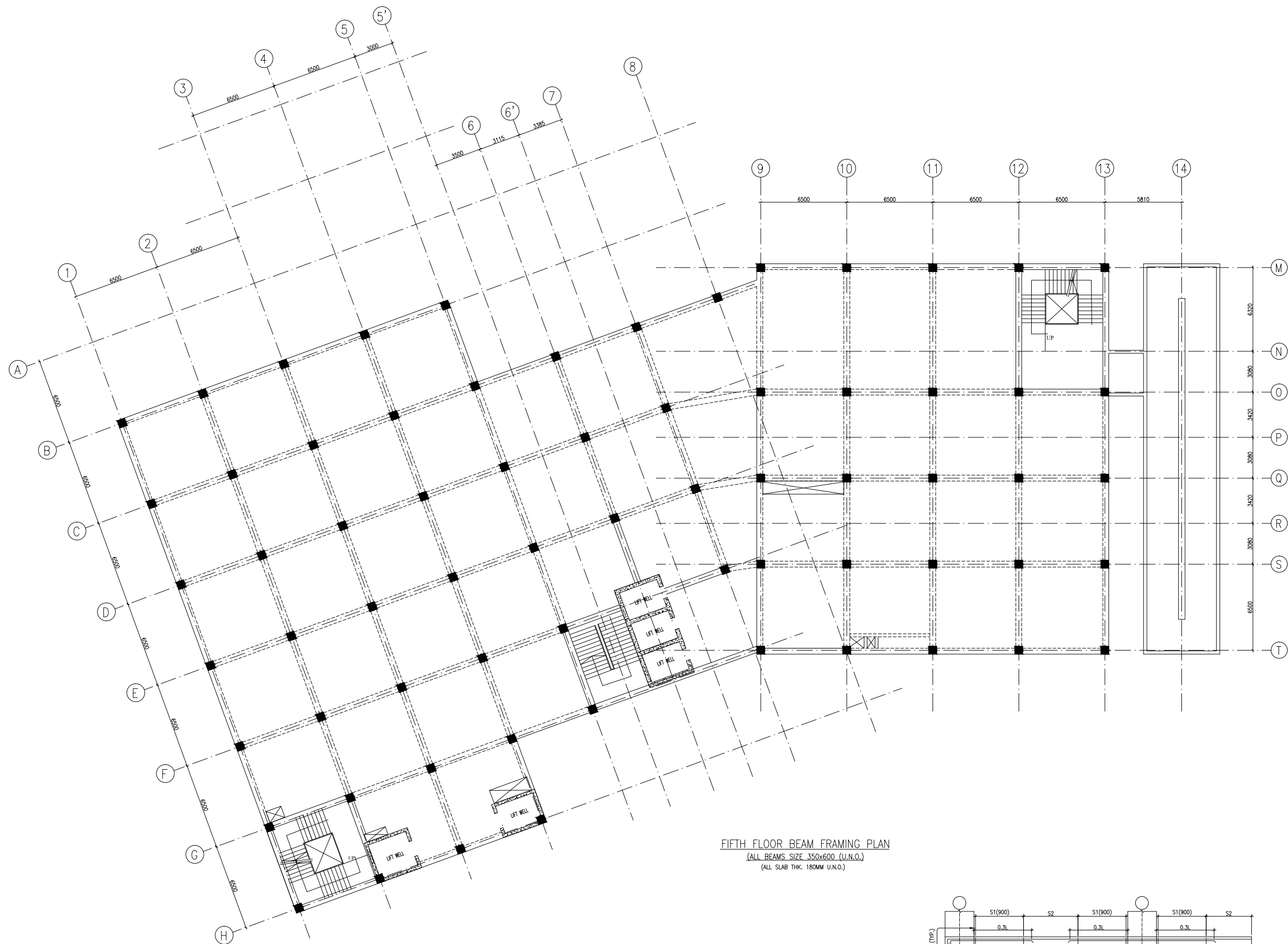




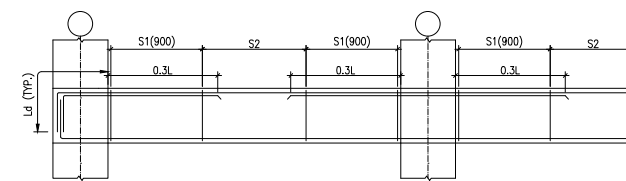
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**NOTES**

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 = 25mm  
 SLAB = 20mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK & M-35 FOR COLUMN AS PER IS:456-2000
6. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
8. DEVELOPEMENT LENGTH = 50xBAR  $\phi$ .



FIFTH FLOOR BEAM FRAMING PLAN  
 (ALL BEAMS SIZE 350x600 (U.N.O.)  
 (ALL SLAB THK. 180MM U.N.O.)



TYP. BEAM R/F DETAILS


R-0 23.06.17 ISSUE FOR TENDER

REV. DATE	DESCRIPTION

**REVISION**

**PROJECT**

MEDICAL COLLEGE AT NAHAN,  
 HIMACHAL PRADESH

**TITLE**

HOSPITAL BLOCK

FIFTH FLOOR LVL.  
 BEAM FRAMING PLAN

HSCC/D&E/NAHAN/MC/TD/HOSP/ST-108

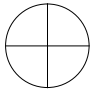
Drawing No. REV. 0

HSCC/ JOB No.	1:100 SCALE	JUNE.-2016 DATE
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APPROVED	REVIEWED	PREPARED
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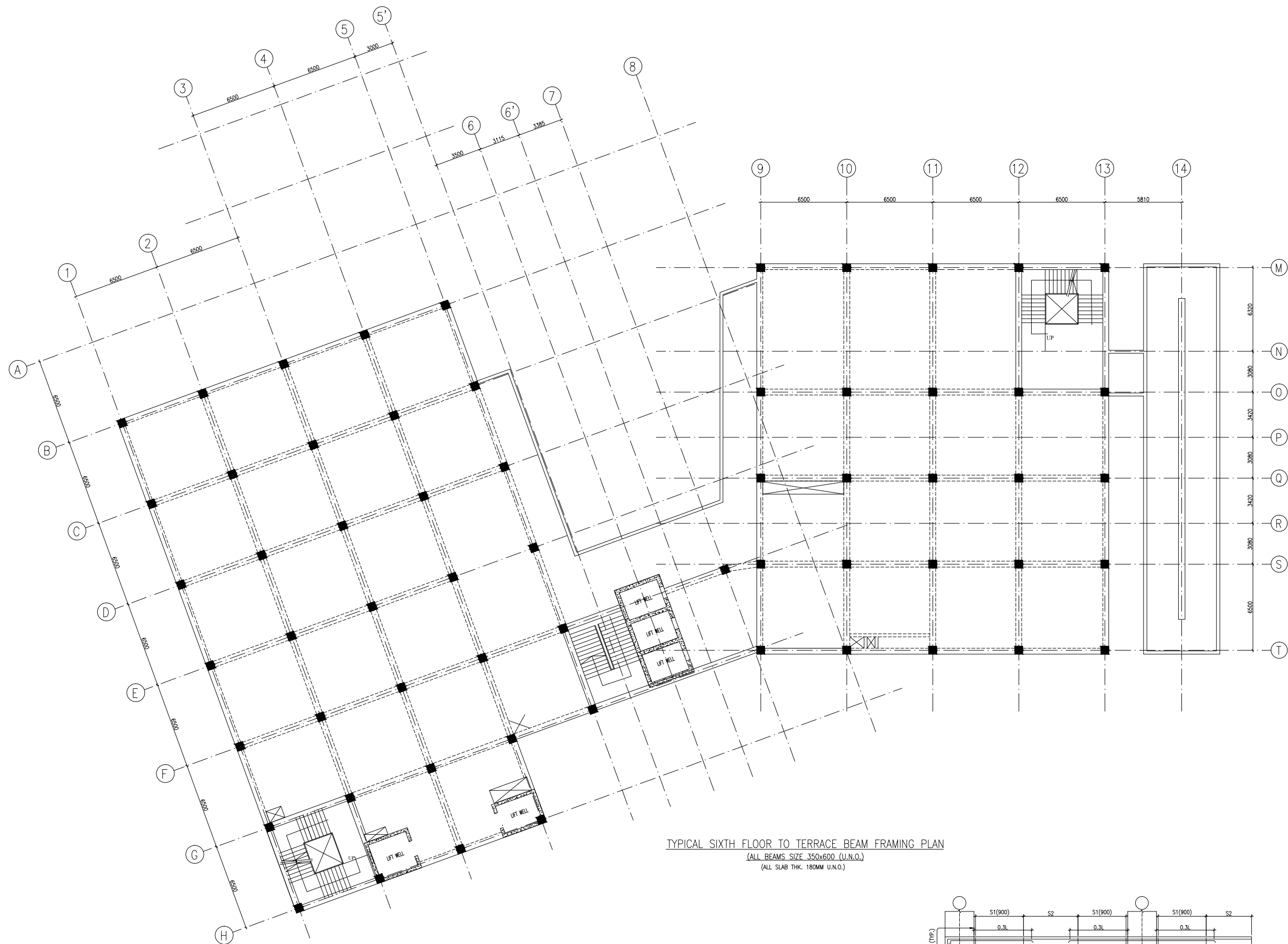
**HSCC**  
 NEW DELHI INDIA



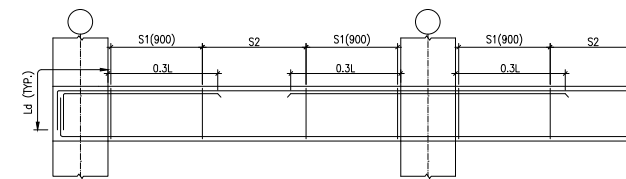
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3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS, THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-  
 FOUNDATION = 50mm  
 COLUMN = 40mm  
 BEAM = 25mm  
 SLAB = 20mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK & M-35 FOR COLUMN AS PER IS:456-2000
6. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
8. DEVELOPEMENT LENGTH = 50xBAR  $\phi$ .



TYPICAL SIXTH FLOOR TO TERRACE BEAM FRAMING PLAN  
 (ALL BEAMS SIZE 350x600 (U.N.O.)  
 (ALL SLAB THK. 180MM U.N.O.)



TYP. BEAM R/F DETAILS


R-0 23.06.17 ISSUE FOR TENDER

REV. DATE	DESCRIPTION

**REVISION**

**PROJECT**

MEDICAL COLLEGE AT NAHAN,  
HIMACHAL PRADESH

**TITLE**

HOSPITAL BLOCK

TYPICAL SIXTH FLOOR TO TERRACE  
BEAM FRAMING PLAN

HSCC/D&E/NAHAN/MC/TD/HOSP/ST-109

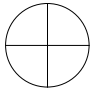
Drawing No. REV. 0

HSCC/ JOB No.	1:100 SCALE	JUNE.-2016 DATE
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APPROVED	REVIEWED	PREPARED
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(A GOVERNMENT OF INDIA ENTERPRISE)

**HSCC**  
NEW DELHI INDIA



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**NOTES**

1. ALL DIMENSIONS ARE IN mm & LVLs IN m.
2. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS, THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
3. GRADE OF CONCRETE MIX SHALL BE AS FOLLOWS CONFORMING TO IS: 456-2000.
  - a. COLUMN-M30
  - b. OTHER RCC WORK-M25
4. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
5. CLEAR COVER OF R/F TO BE AS BELOW:-
 

RAFT/FOOTING	= 50mm
COLUMN	= 40mm
BEAM	= 25mm
SLAB	= 20mm
6. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
7. DEVELOPMENT LENGTH = 50xBAR  $\phi$ .
8. ALL HOOKS, BENDS & LAPS SHALL BE AS PER IS:2502-1960 AND IS:13920-1993 UNLESS OTHERWISE SPECIFIED.
9. THE CONTRACTOR SHALL INSPECT & VERIFY ALL DIMENSIONS & LEVELS IN THE DRAWINGS AND SHALL COORDINATE WITH ACTUAL SITE CONDITIONS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO NOTICE OF THE ENGINEER IN CHARGE BEFORE EXECUTION OF WORK AT SITE.
10. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER STRUCTURAL, ARCHITECTURAL, ELECTRICAL, PLUMBING & WATER SUPPLY DRAWINGS AND ALL OTHER SERVICES DRAWINGS AND THE TENDER DOC.

R-0 23.06.17 ISSUE FOR TENDER

REV.	DATE	DESCRIPTION
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**REVISION**

**PROJECT**

PROPOSED MEDICAL COLLEGE AT NAHAN (H.P.)

**TITLE**

HOSTEL BOYS

RAFT FOUNDATION PLAN & PLINTH & GROUND FLOOR BEAM FRAMING PLAN

HSCC/D&E/NAHAN/MC/TD/HOSTEL/B/ST-101

Drawing No. REV. 0

HSCC	1:100	JULY.-2016
JOB No.	SCALE	DATE

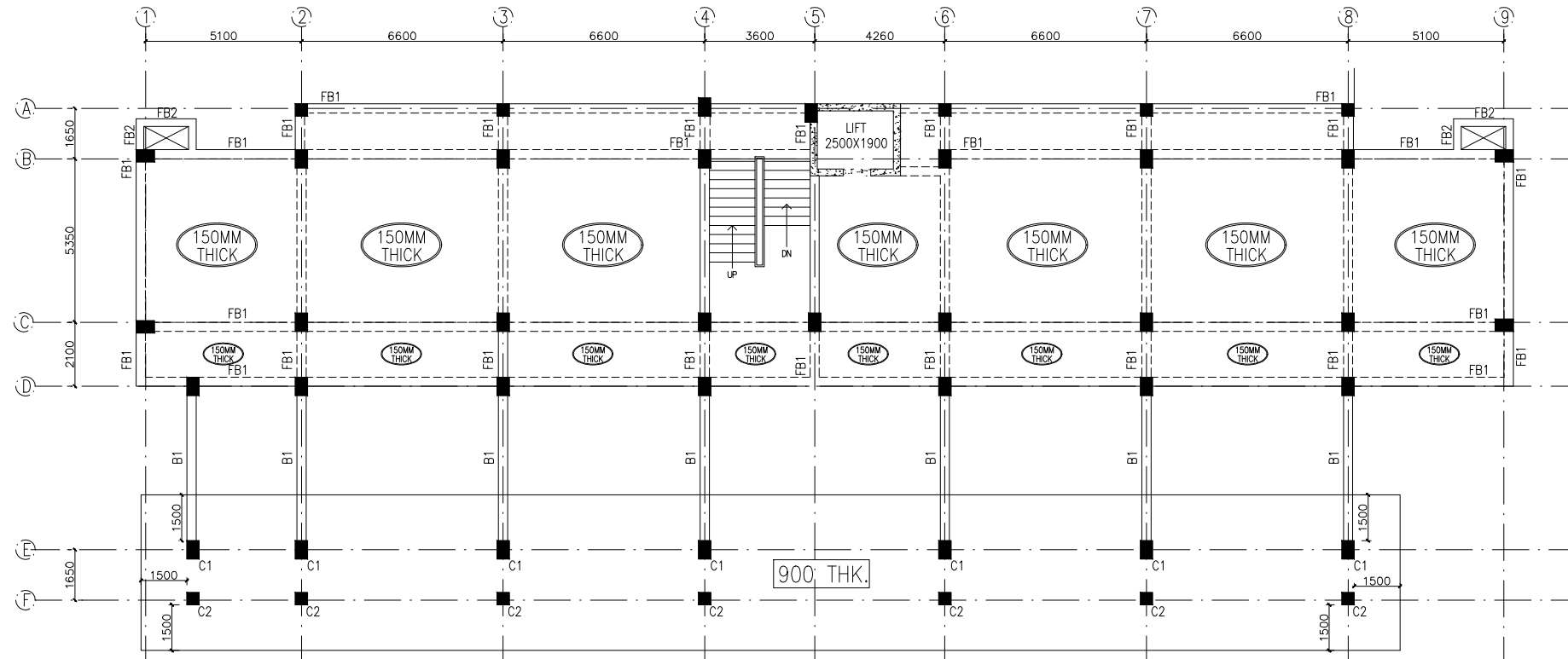
APPROVED	REVIEWED	PREPARED
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**HSCC**  
NEW DELHI INDIA

**LEGEND**

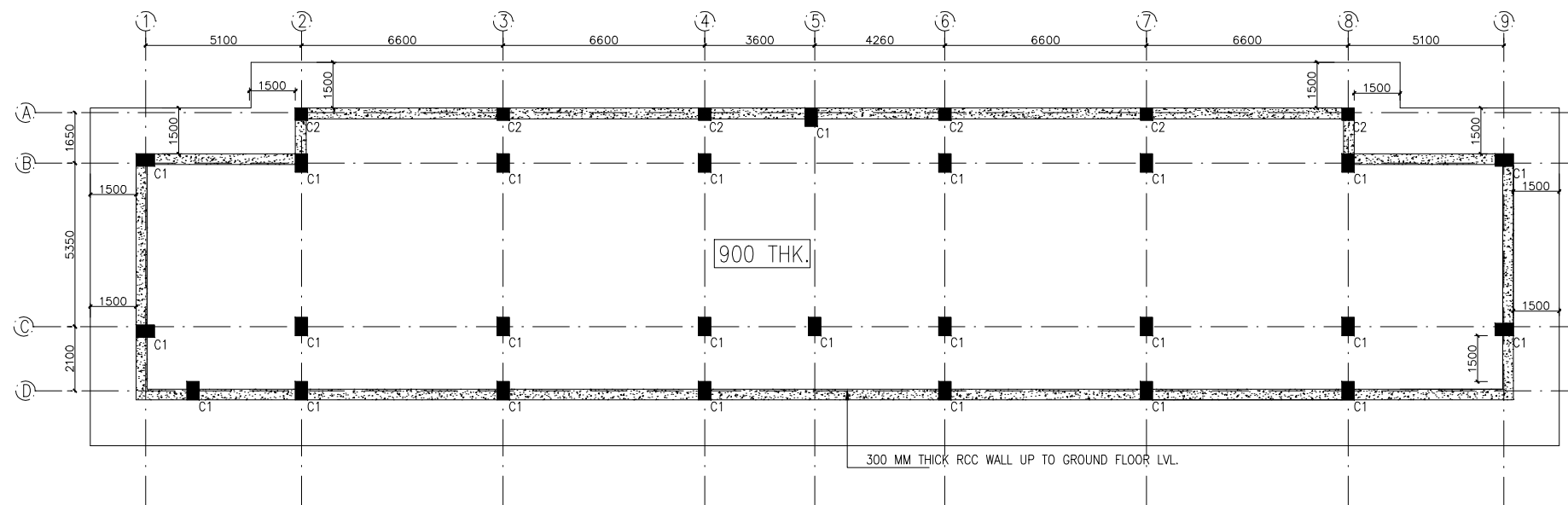
S.No.	MKD.	SIZE(XxY)
1.	B1	300x600
2.	B2	250x450
3.	FB1	300x600
4.	FB2	250x450



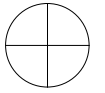
PLINTH & GROUND FLOOR BEAM FRAMING PLAN

**LEGEND**

S.No.	MKD.	SIZE(XxY)
1.	C1	400x600
2.	C2	400x400



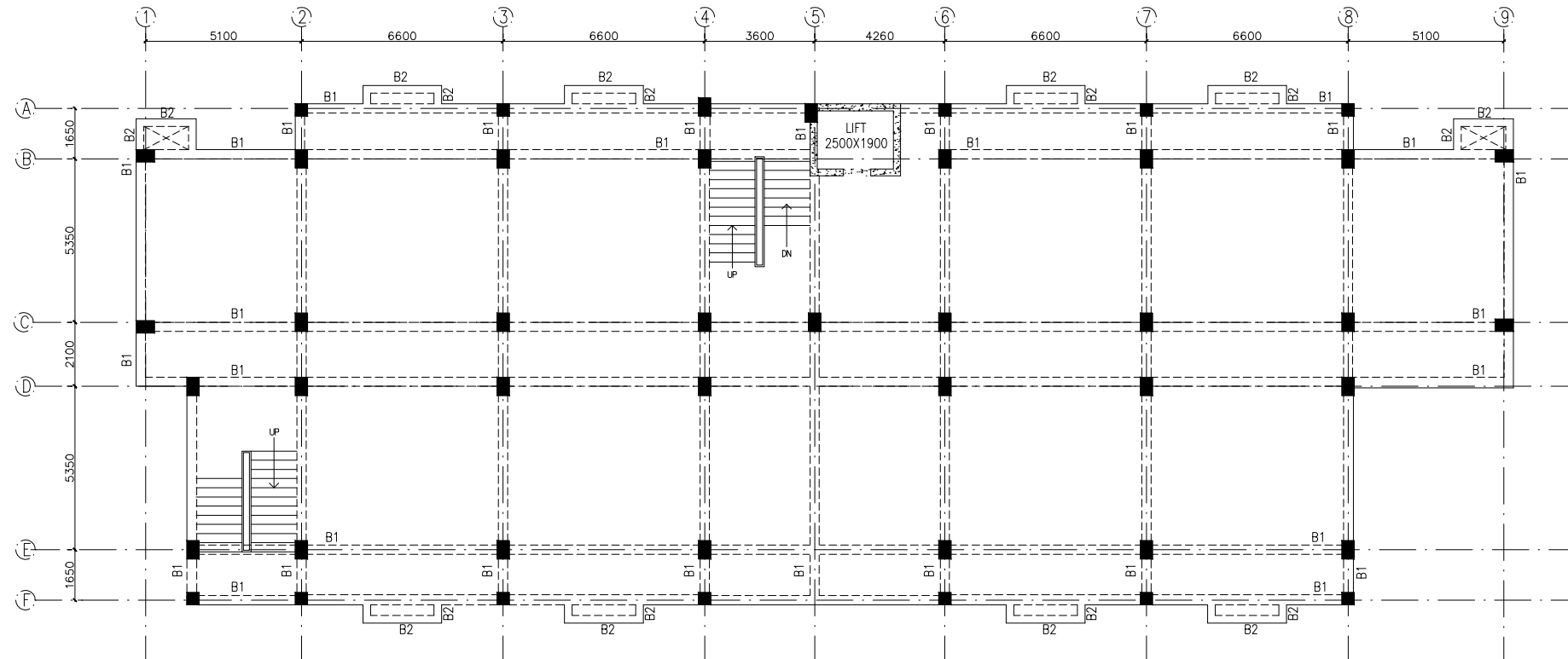
RAFT FOUNDATION PLAN  
-1 LVL.



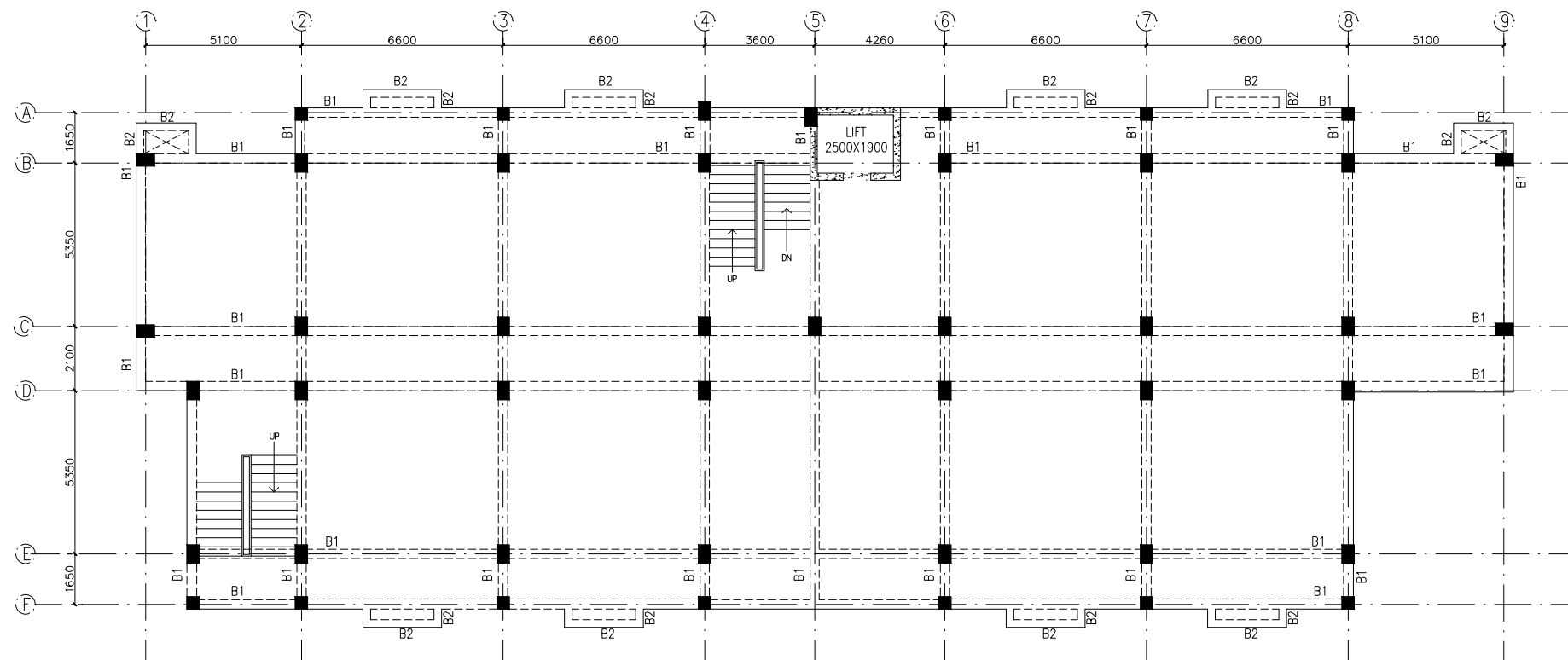
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**LEGEND**

S.No.	MKD.	SIZE(XxY)
1.	B1	300x600
2.	B2	250x450



FIRST TO SEVENTH FLOOR BEAM FRAMING PLAN  
(SLAB = 150 THICK)



TERRACE FLOOR BEAM FRAMING PLAN  
(SLAB = 150 THICK)

**NOTES**

1. ALL DIMENSIONS ARE IN mm & LVLs IN m.
2. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS, THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
3. GRADE OF CONCRETE MIX SHALL BE AS FOLLOWS CONFORMING TO IS: 456-2000.
  - a. COLUMN-M30
  - b. OTHER RCC WORK-M25
4. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
5. CLEAR COVER OF R/F TO BE AS BELOW:-
 

RAFT/FOOTING	= 50mm
COLUMN	= 40mm
BEAM	= 25mm
SLAB	= 20mm
6. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
7. DEVELOPMENT LENGTH = 50xBAR  $\phi$ .
8. ALL HOOKS, BENDS & LAPS SHALL BE AS PER IS:2502-1960 AND IS:13920-1993 UNLESS OTHERWISE SPECIFIED.
9. THE CONTRACTOR SHALL INSPECT & VERIFY ALL DIMENSIONS & LEVELS IN THE DRAWINGS AND SHALL COORDINATE WITH ACTUAL SITE CONDITIONS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO NOTICE OF THE ENGINEER IN CHARGE BEFORE EXECUTION OF WORK AT SITE.
10. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER STRUCTURAL, ARCHITECTURAL, ELECTRICAL, PLUMBING & WATER SUPPLY DRAWINGS AND ALL OTHER SERVICES DRAWINGS AND THE TENDER DOC.

R-0 23.06.17 ISSUE FOR TENDER

REV.	DATE	DESCRIPTION
REVISION		

REVISION

**PROJECT**

PROPOSED MEDICAL COLLEGE AT NAHAN (H.P.)

**TITLE**

HOSTEL BOYS

FIRST TO SEVENTH FLOOR & TERRACE FLOOR BEAM FRAMING PLAN

HSCC/D&E/NAHAN/MC/TD/HOSTEL/B/ST-102

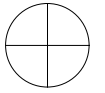
Drawing No. REV. 0

HSCC	1:100	JULY.-2016
JOB No.	SCALE	DATE

APPROVED	REVIEWED	PREPARED
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HSCC INDIA LTD.  
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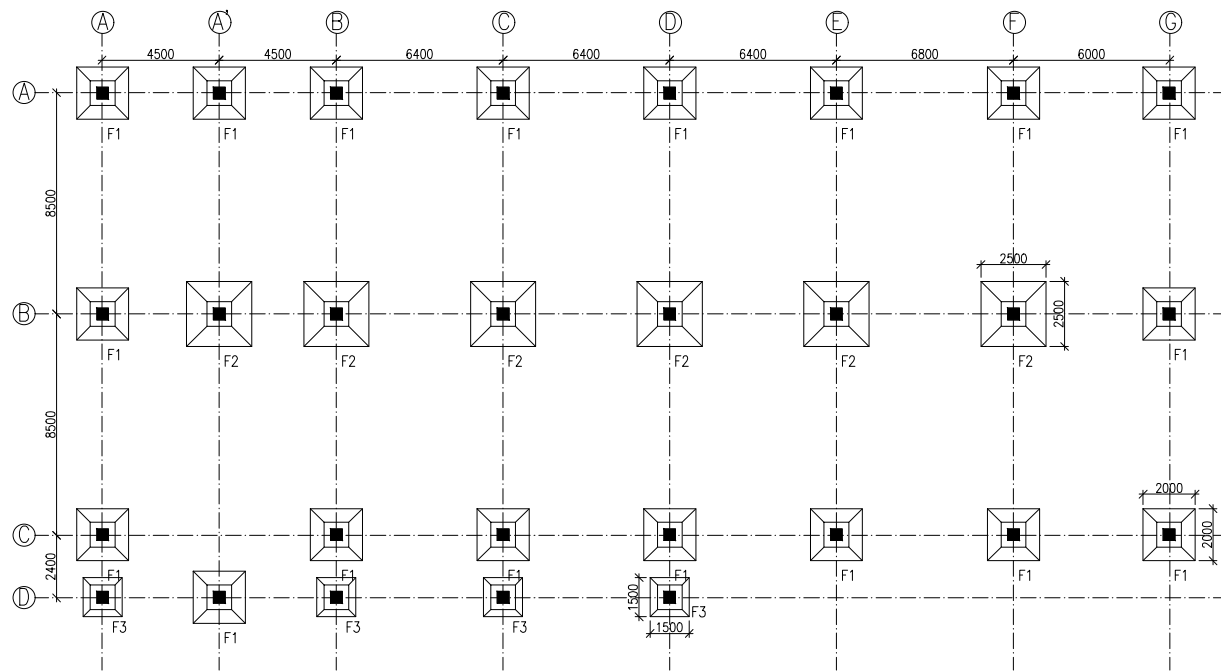
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NEW DELHI INDIA



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**NOTES**

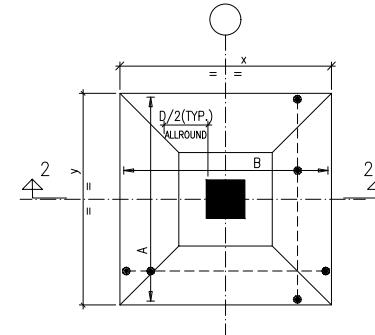
1. ALL DIMENSIONS ARE IN mm & LVLS IN m.
2. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS, THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
3. GRADE OF CONCRETE MIX SHALL BE AS FOLLOWS CONFORMING TO IS: 456-2000.
  - a. ALL RCC WORK - M25
4. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
5. CLEAR COVER OF R/F TO BE AS BELOW-
  - FOOTING = 50mm
  - COLUMN = 40mm
  - BEAM = 25mm
  - SLAB = 20mm
6. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
7. DEVELOPEMENT LENGTH = 50xBAR  $\phi$ .
8. ALL HOOKS, BENDS & LAPS SHALL BE AS PER IS:2502-1960 AND IS:13920-1993 UNLESS OTHERWISE SPECIFIED.
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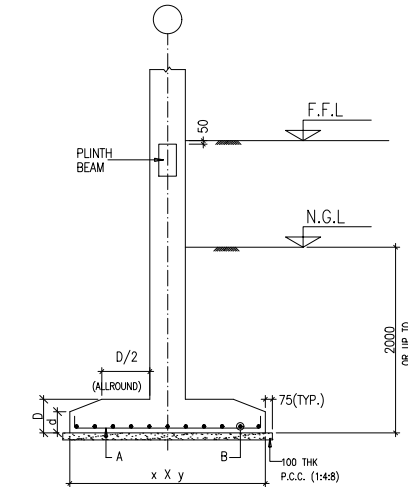
FOUNDATION PLAN

**FOOTING SCHEDULE**

S.No	MKD.	SIZE(x*y)	THK. (d)	THK. (D)
1.	F1	2000x2000	250	500
2.	F2	2500x2500	250	600
3.	F3	1500x1500	250	450

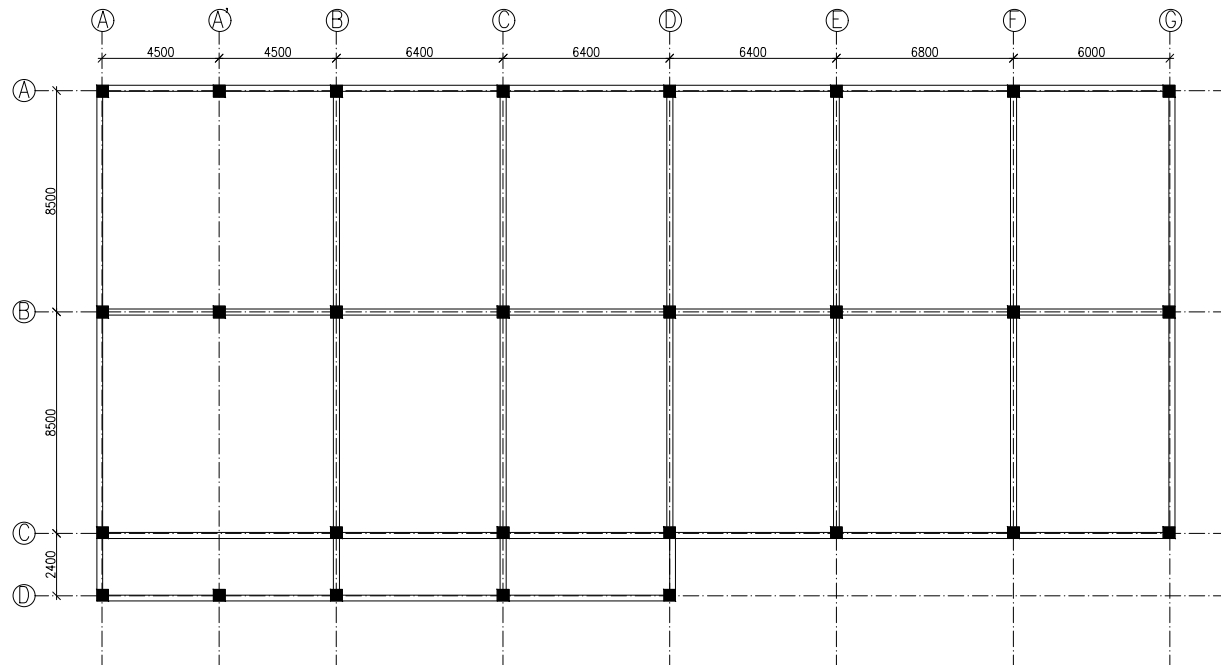


TYPICAL DETAIL OF TAPERED FOOTING



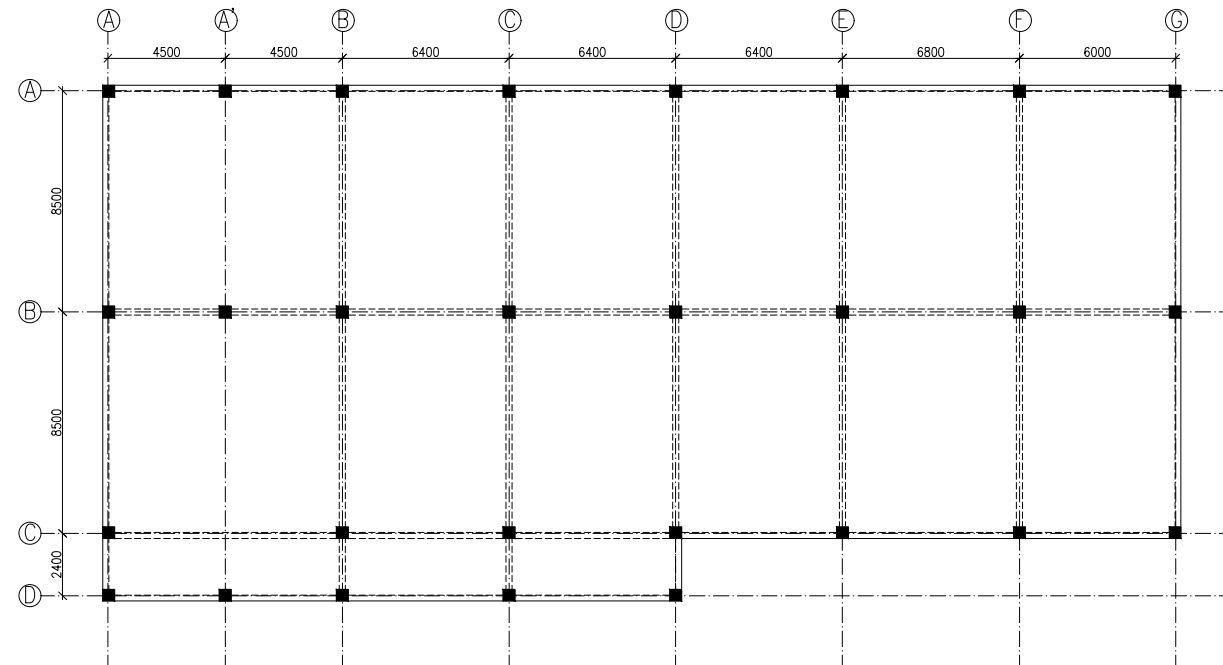
SECTION 2-2

300 THK RETAINING WALL SHALL BE PROVIDED, AS WHERE AS REQUIRED.



PLINTH LVL. BEAM FRAMING PLAN

(COLUMN SIZE = 600x600 U.N.O.)  
(BEAM SIZE = 250x600 U.N.O.)



ROOF BEAM FRAMING PLAN

(COLUMN SIZE = 600x600 U.N.O.)  
(BEAM SIZE = 350x600 U.N.O.)  
(SLAB = 175MM THK U.N.O.)

R-0 23.06.17 ISSUE FOR TENDER

REV. DATE DESCRIPTION

**REVISION**

**PROJECT**

PROPOSED  
MEDICAL COLLEGE  
AT NAHAN (H.P)

**TITLE**

MESS

FOUNDATION DETAIL &  
BEAM FRAMING PLAN

HSCC/D&E/MC-NAHAN/TD/MESS/ST-101  
(SHEET 1 OF 1)

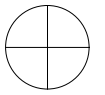
Drawing No. REV. 0

HSCC 1:125 JUNE.-2017  
JOB No. SCALE DATE

APPROVED REVIEWED PREPARED

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**NOTES**

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- GRADE OF CONCRETE MIX SHALL BE AS FOLLOWS CONFORMING TO IS: 456-2000.
  - a. ALL RCC WORK- M25
- ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
- CLEAR COVER OF R/F TO BE AS BELOW--
  - COLUMN = 40mm
  - BEAM = 25mm
  - SLAB = 20mm
- ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
- DEVELOPEMENT LENGTH = 50xBAR  $\phi$ .
- ALL HOOKS, BENDS & LAPS SHALL BE AS PER IS:2502-1960 AND IS:13920-1993 UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL INSPECT & VERIFY ALL DIMENSIONS & LEVELS IN THE DRAWINGS AND SHALL COORDINATE WITH ACTUAL SITE CONDITIONS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO NOTICE OF THE ENGINEER IN CHARGE BEFORE EXECUTION OF WORK AT SITE.
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R-0 23.06.17 ISSUE FOR TENDER

REV. DATE DESCRIPTION

**REVISION**

**PROJECT**

PROPOSED MEDICAL COLLEGE AT NAHAN (H.P)

**TITLE**

SERVICE BLOCK

FOUNDATION DETAIL & BEAM FRAMING PLAN

HSCC/D&E/MC-NAHAN/TD/SB/ST-101 (SHEET 1 OF 1)

Drawing No. REV. 0

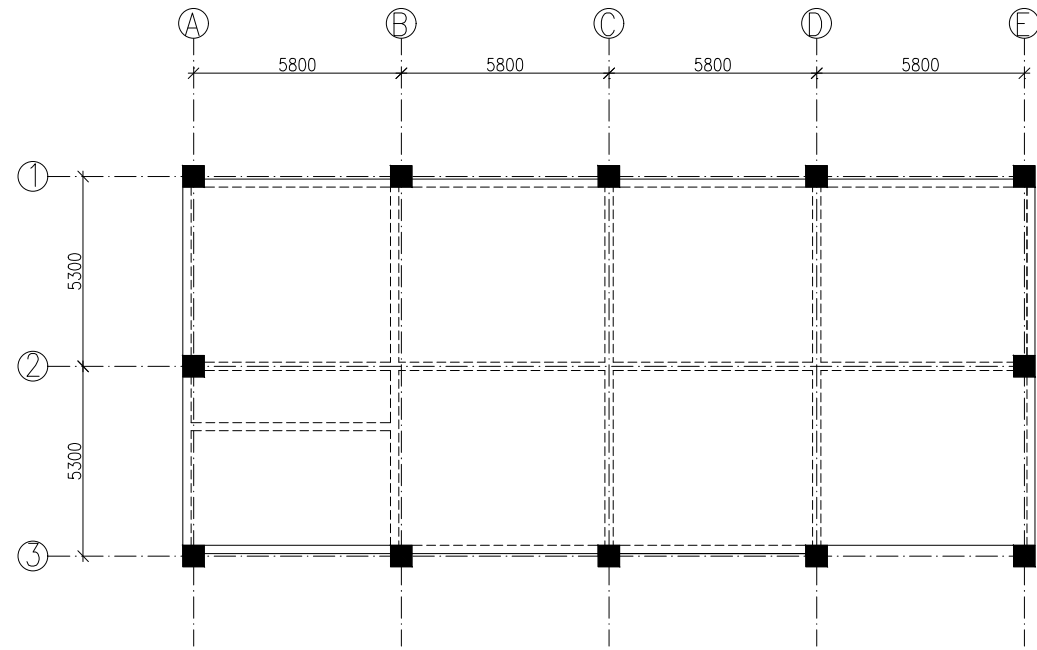
HSCC 1:125 SCALE JUNE.-2017 DATE

JOB No. DATE

APPROVED REVIEWED PREPARED

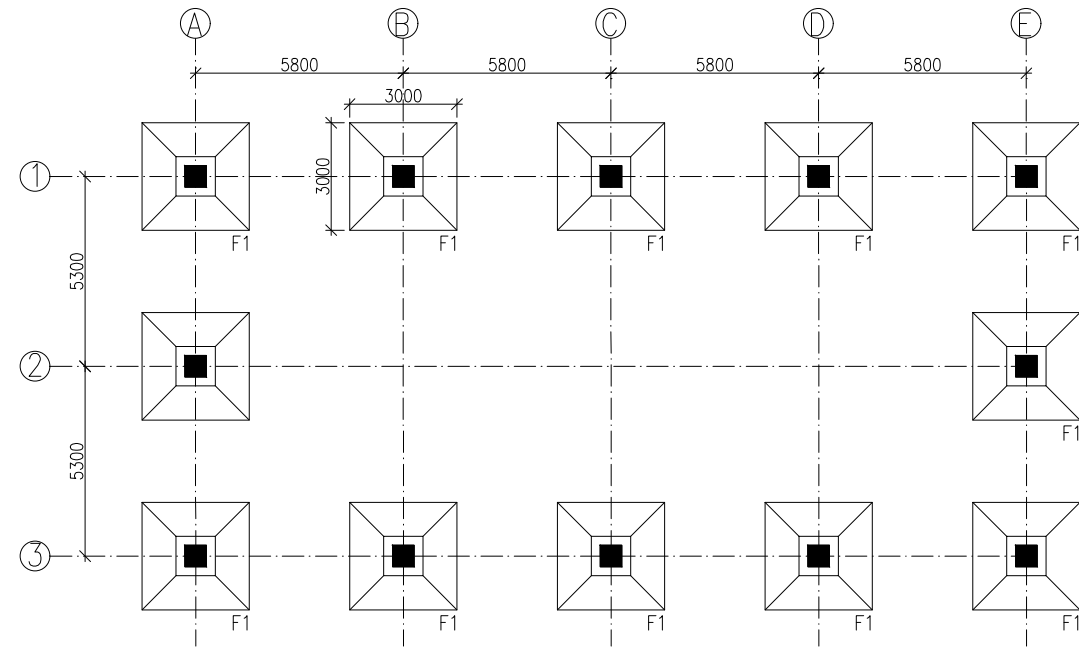
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NEW DELHI INDIA



**ROOF BEAM FRAMING PLAN**

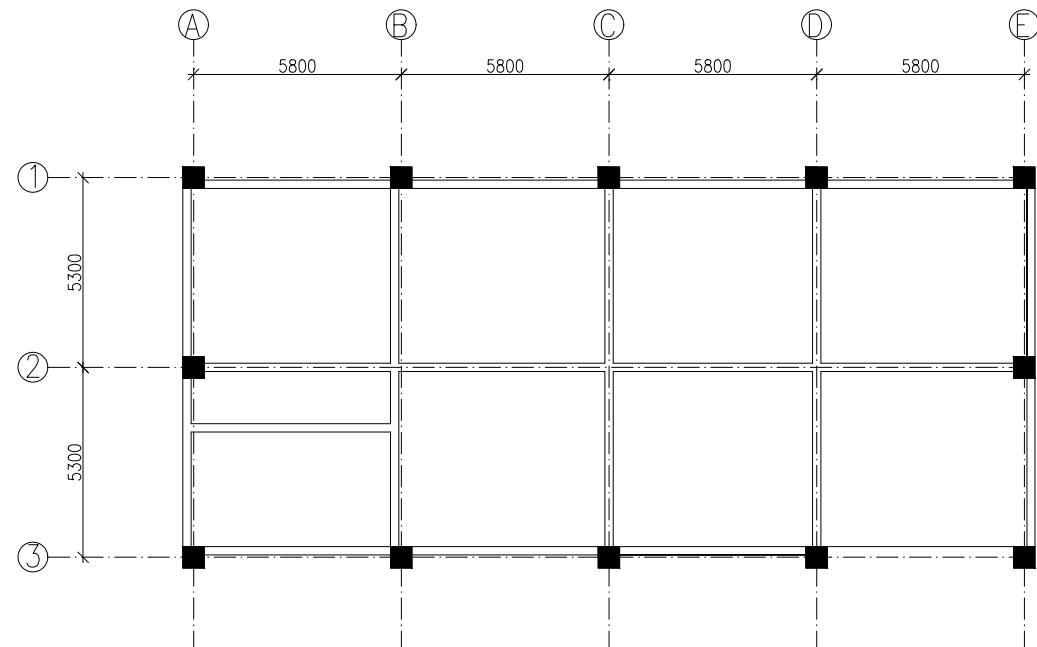
(COLUMN SIZE = 600x600 U.N.O.)  
(OUTER BEAM = 230X600 U.N.O.)  
(INNER BEAM = 300X600 U.N.O.)  
(SLAB = 175 THK)



**FOUNDATION FOOTING PLAN**

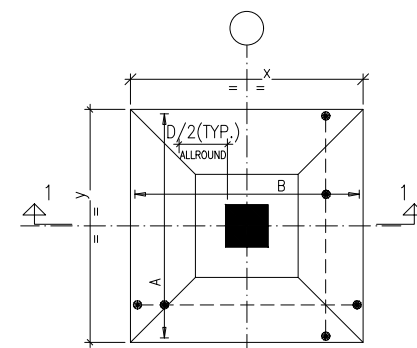
**FOOTING SCHEDULE**

S.No	MKD.	SIZE(xXy)	THK. (d)	THK. (D)
1.	F1	3000x3000	250	500

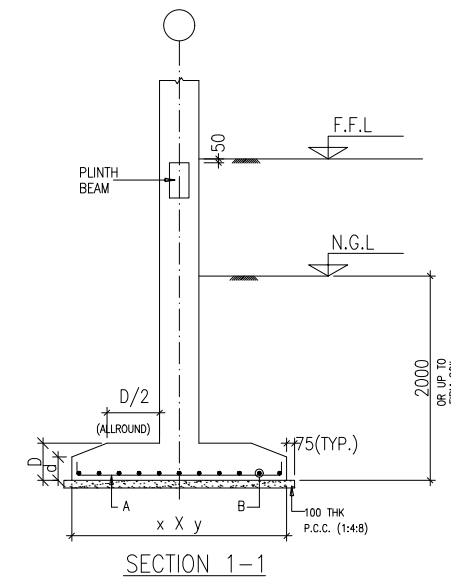


**PLINTH LVL. BEAM FRAMING PLAN**

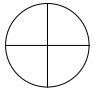
(COLUMN SIZE = 600x600 U.N.O.)  
(OUTER BEAM = 230X600 U.N.O.)  
(INNER BEAM = 300X600 U.N.O.)



**TYPICAL DETAIL OF TAPERED FOOTING**



**SECTION 1-1**



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**NOTES**

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2. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS, THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
3. GRADE OF CONCRETE MIX SHALL BE AS FOLLOWS CONFORMING TO IS: 456-2000.
  - a. COLUMN-M30
  - b. OTHER RCC WORK-M25
4. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
5. CLEAR COVER OF R/F TO BE AS BELOW:-
 

RAFT/FOOTING	= 50mm
COLUMN	= 40mm
BEAM	= 25mm
SLAB	= 20mm
6. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
7. DEVELOPMENT LENGTH = 50xBAR  $\phi$ .
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R-0 23.06.17 ISSUE FOR TENDER

REV.	DATE	DESCRIPTION

**REVISION**

**PROJECT**

PROPOSED  
MEDICAL COLLEGE  
AT NAHAN (H.P)

**TITLE**

TEACHING BLOCK

FOUNDATION PLAN AT  
(+0.00 M) LVL.

HSCC/D&E/MC-NAHAN/TD/TB/ST-101

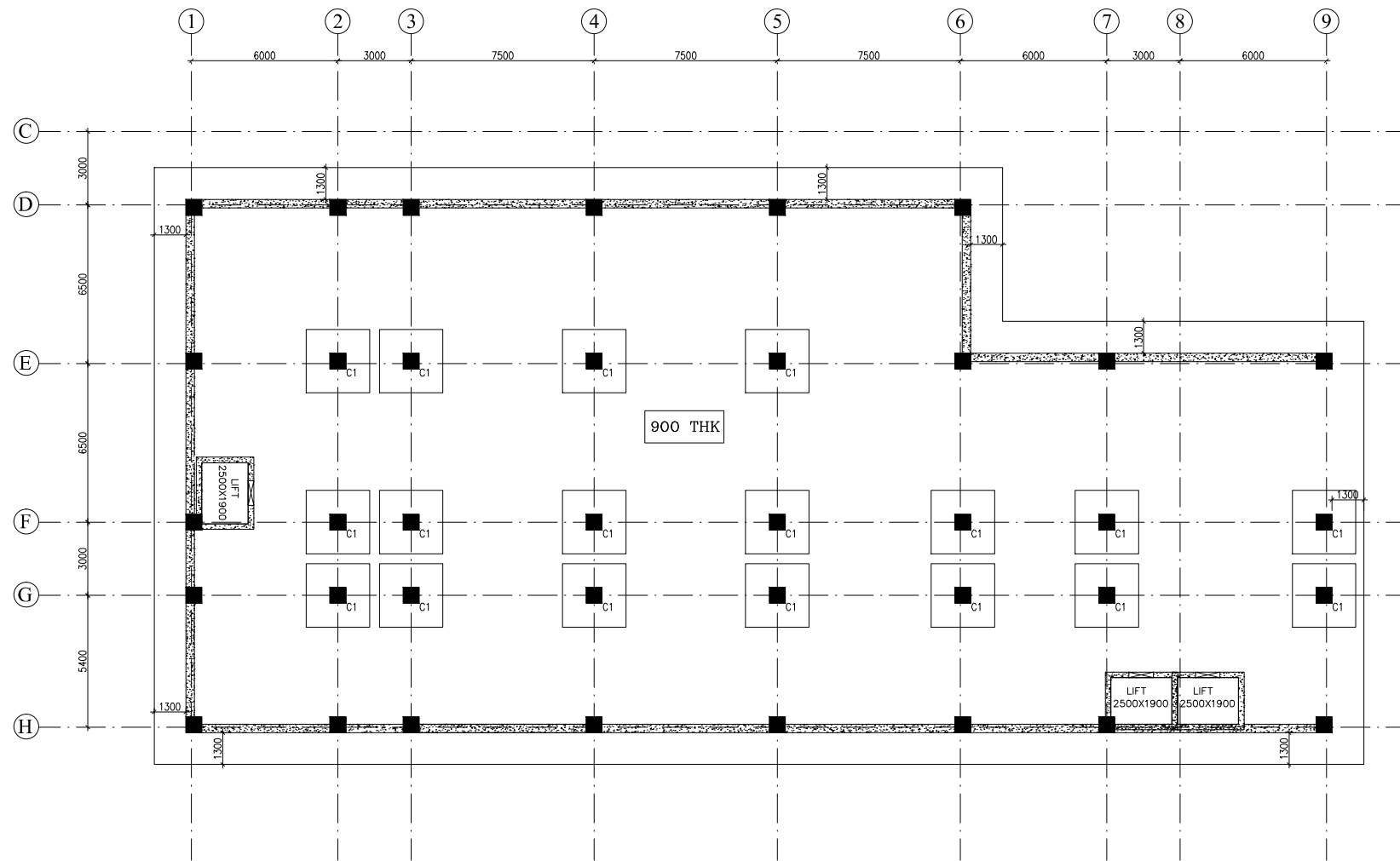
Drawing No. REV. 0

HSCC	1:125	JUNE.-2017
JOB No.	SCALE	DATE

APPROVED	REVIEWED	PREPARED
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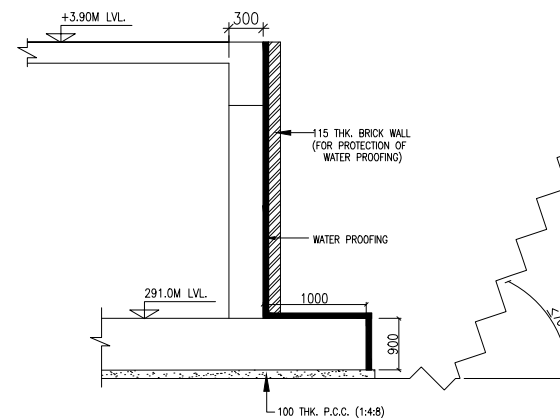
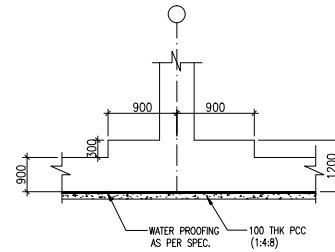
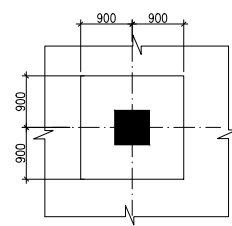
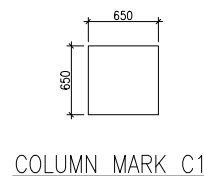
**HSCC**  
NEW DELHI INDIA

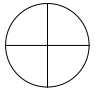


FOUNDATION PLAN

**STABILIZATION PROCEDURE OF EXCAVATED SURFACE:**

1. EXCAVATED SURFACE ANGLE NOT MORE THAN 70° WITH HORIZONTAL OR AS DECIDED BY PROJECT IN-CHARGE.
2. LOOSE/POROUS TO ROCK FALL AREA SHALL BE STABILIZED WITH 25 $\phi$  ROCK BOLT.
3. AFTER THE ROCK BOLTING, THE AFFECTED AREA SHALL BE COVERED WITH WELDED WIREMESH INCLUDING FIXING.
4. APPLY 100MM THICK SHOTCRETE.
5. THE ABOVE STABILIZATION IS OPTIONAL AND IT IS BASED ON CLEAR SPACE REQUIRED FOR CONSTRUCTION & EXCAVATED MATERIAL PROPERTIES.

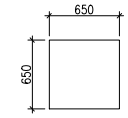




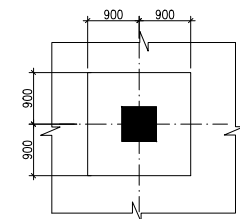
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**NOTES**

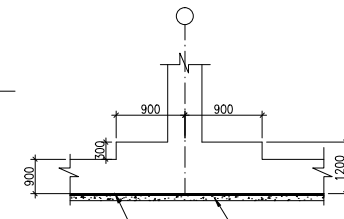
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  - SLAB = 20mm
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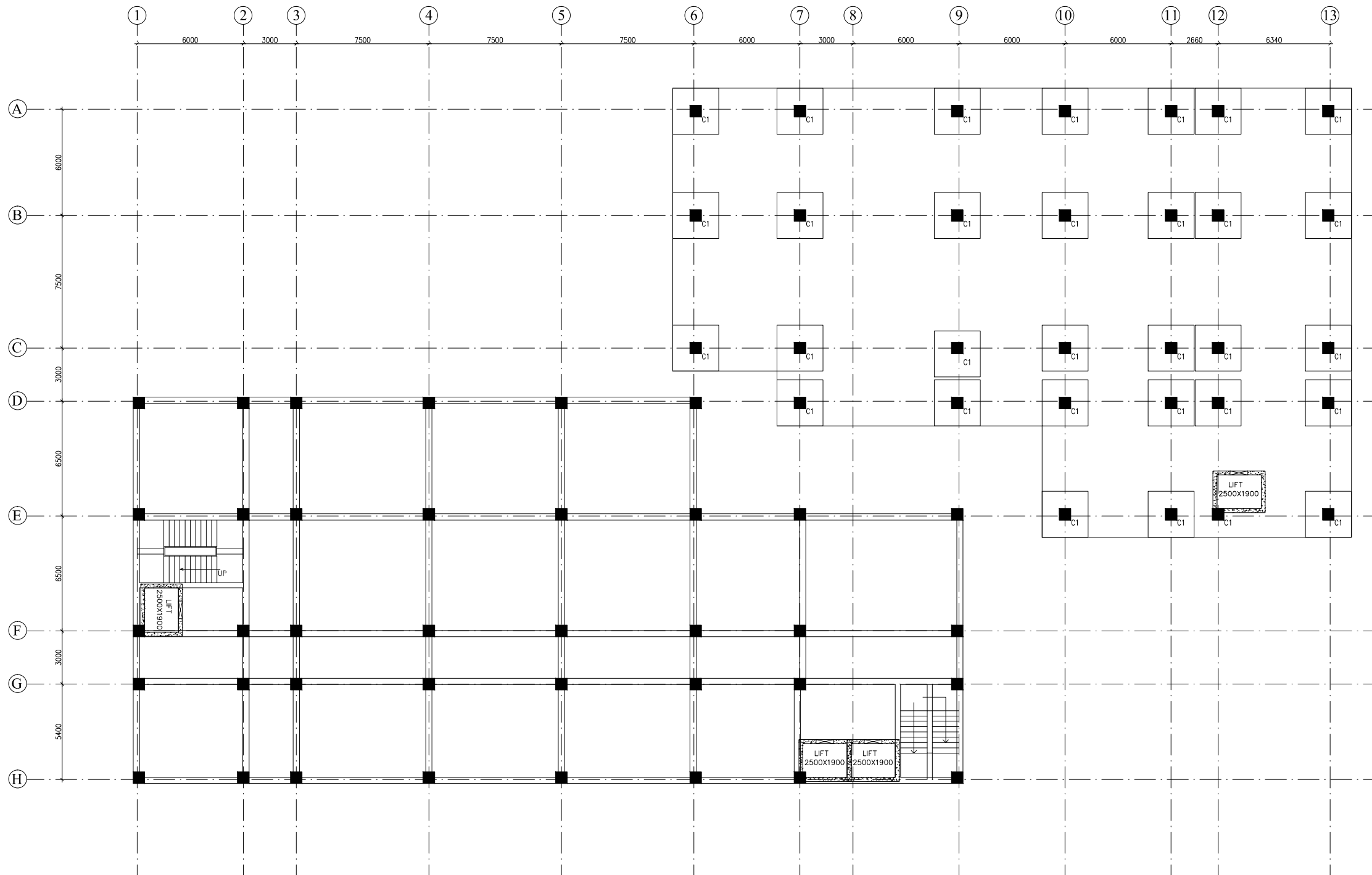
COLUMN MARK C1



PEDESTAL PLAN - P1



PEDESTAL SECTION - P1



**PLINTH LVL. BEAM FRAMING PLAN & FIRST FLOOR LVL. FOUNDATION PLAN**

(ALL BEAM SIZE = 350x650 U.N.O.)  
(COLUMN SIZE = 650x650 U.N.O.)  
(SLAB = 190 THICK)

R-0 23.06.17 ISSUE FOR TENDER

REV. DATE DESCRIPTION

**REVISION**

**PROJECT**

PROPOSED  
MEDICAL COLLEGE  
AT NAHAN (H.P)

**TITLE**

TEACHING BLOCK

PLINTH LVL.  
BEAM FRAMING PLAN &  
FIRST FLOOR FOUNDATION PLAN

HSCC/D&E/MC-NAHAN/TD/TB/ST-102

Drawing No. REV. 0

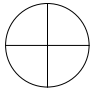
HSCC	1:125	JUNE.-2017
JOB No.	SCALE	DATE

APPROVED	REVIEWED	PREPARED
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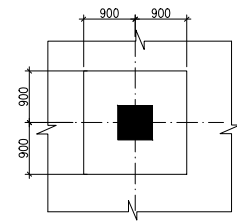


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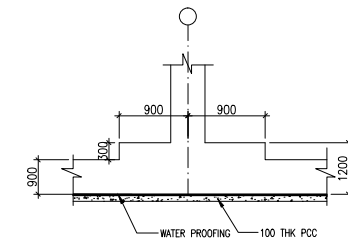
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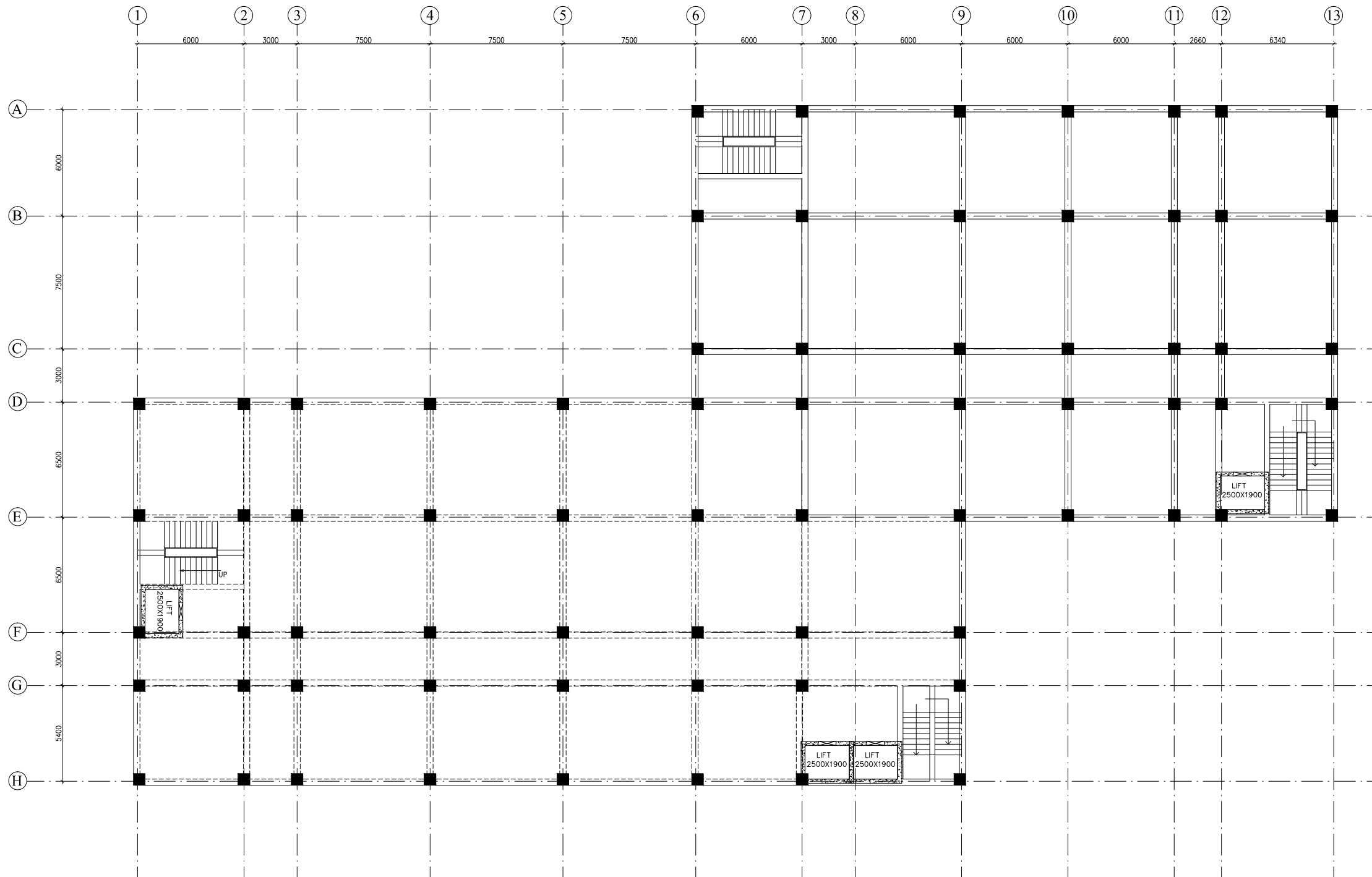
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PEDESTAL PLAN - P1



PEDESTAL SECTION - P1



**FIRST FLOOR LVL.BEAM FRAMING PLAN**

(ALL BEAM SIZE = 350x650 U.N.O.)  
 (COLUMN SIZE = 650x650 U.N.O.)  
 (SLAB = 190 THICK)

R-0 23.06.17 ISSUE FOR TENDER

REV.	DATE	DESCRIPTION

**REVISION**

**PROJECT**

PROPOSED  
 MEDICAL COLLEGE  
 AT NAHAN (H.P)

**TITLE**

TEACHING BLOCK

FIRST FLOOR LVL.  
 BEAM FRAMING PLAN

HSCC/D&E/MC-NAHAN/TD/TB/ST-103

Drawing No. REV. 0

HSCC JOB No.	SCALE	DATE
1:125	JUNE.-2017	

APPROVED	REVIEWED	PREPARED

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