

# A) SITE PLAN



PHASE 2

**SITE AREA - 22822 SQM**  
**GROUND COVERAGE AREA - 5886 SQM**  
**GROUND COVERAGE - 25.8%**

**PARKING ( ACADEMIC BLOCK)-**  
 STILT PARKING- 92 NOS  
 BASEMENT PARKING- 145 NOS  
 TOTAL CAR PARKING - 237 NOS

**SITE PLAN**

**NOTES:**

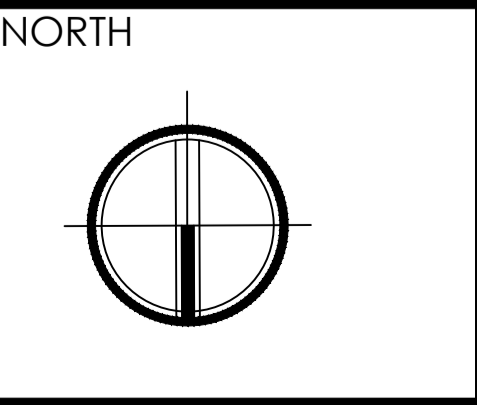
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2. ALL DIMENSIONS AND LEVELS ARE IN MM.
3. 450 TO 500 MM PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
4. SIKRING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.
5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM DOWN FROM GENERAL FLOOR LEVEL.
6. THE GRADE OF CONCRETE TO BE USED IS M-25.
7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.
8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. DRAWINGS ARCHITECT.
9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.
10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.
11. ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

<b>REVISIONS:</b>	

<b>DRAWN BY</b>	SUMEET
<b>DATE</b>	8.05.2019
<b>SCALE</b>	N.T.S
<b>DRG.NO.</b>	
<b>JOB. NO.</b>	-
<b>CHECKED BY</b>	-

<b>PROJECT</b>	AGRI BUSINESS INSTITUTE, GURUGRAM
<b>CLIENT</b>	CCSHAU, HISAR

<b>SHEET</b>	SITE PLAN
<b>COMPONENT</b>	SITE



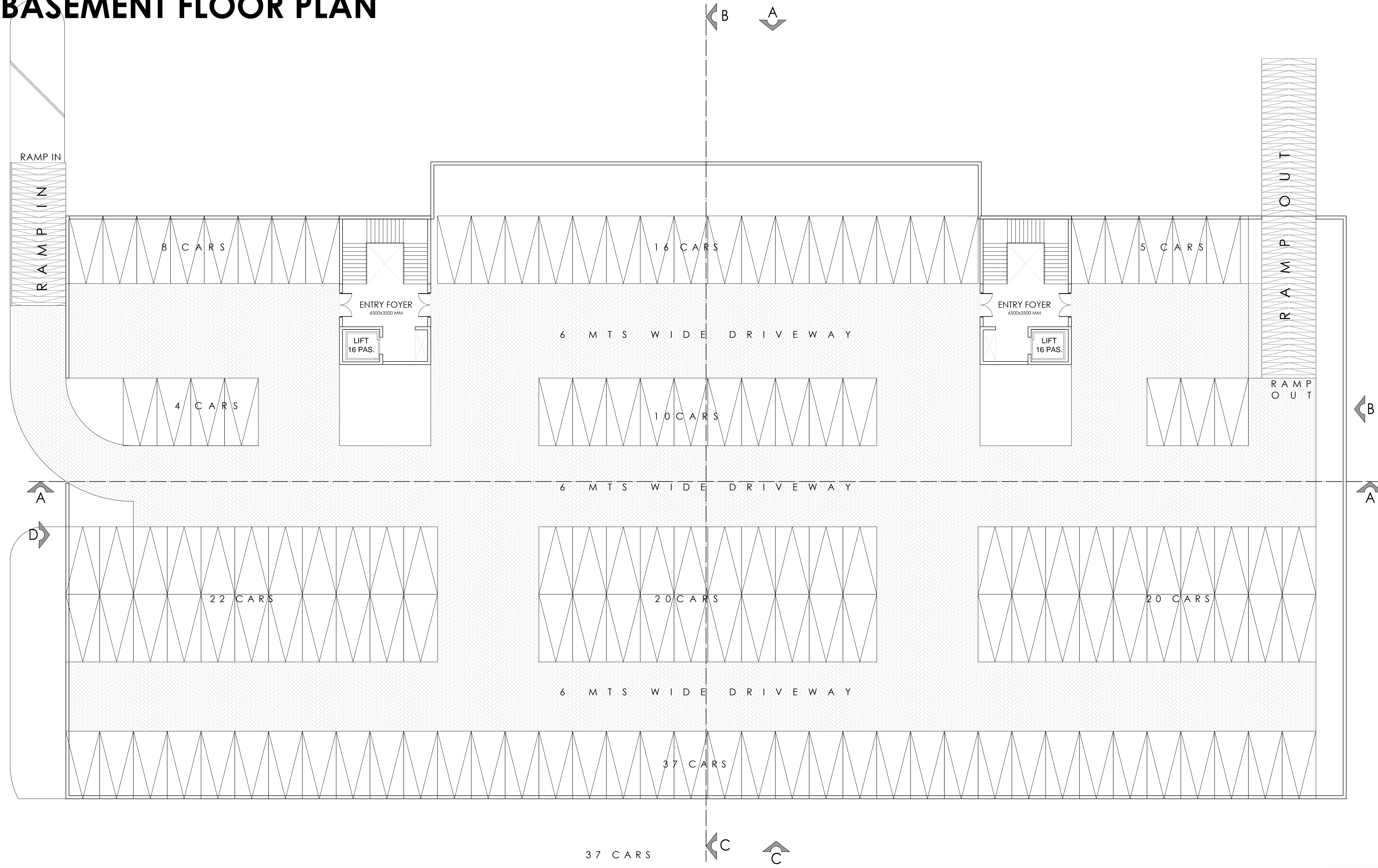
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## **B)MAIN BUILDING- PLANS**

# BASEMENT FLOOR PLAN



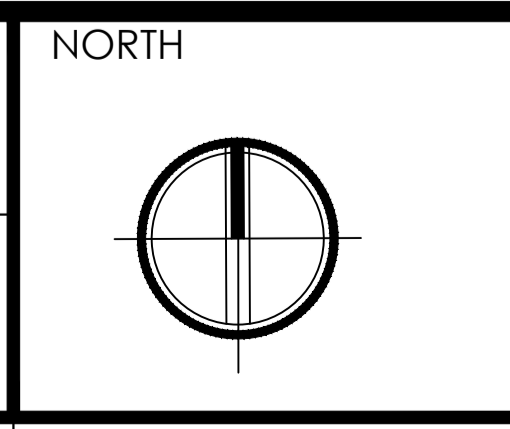
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 NOTE:-  
 1. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450 TO 1000 WORK PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-25.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE ARCHITECT.  
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PROJECT	<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>
CLIENT	<b>CCSHAU, HISAR</b>

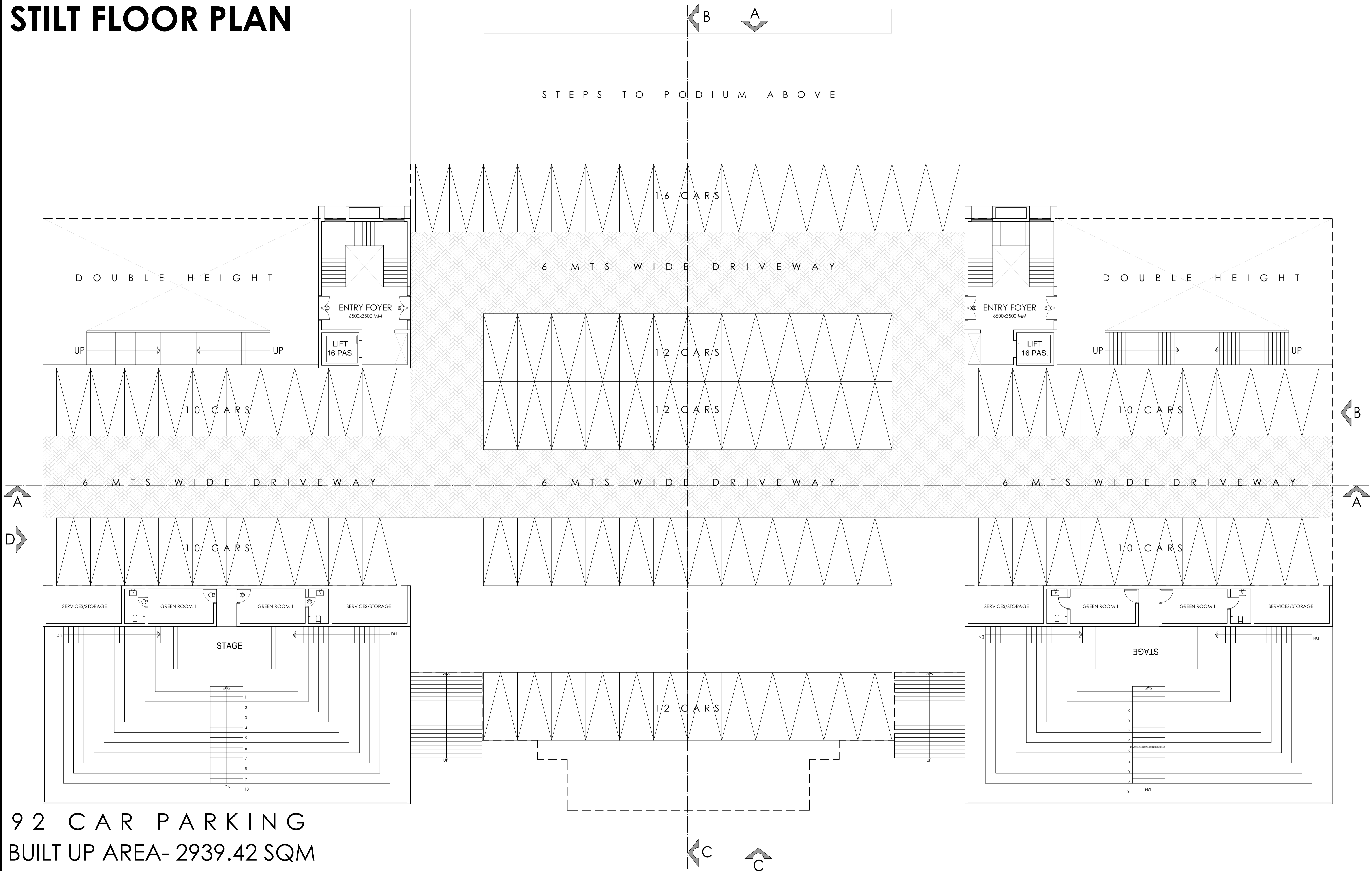
SHEET	<b>BASEMENT FLOOR</b>
COMPONENT	<b>FLOOR PLAN</b>



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# STILT FLOOR PLAN



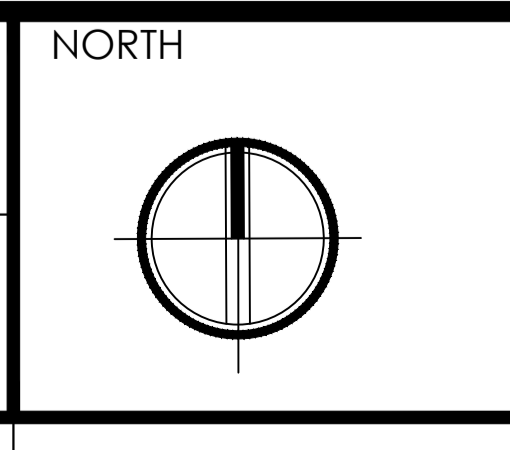
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 4. SKIRTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANTRY, KITCHEN, VERANDA & BALCONY FLOOR LEVEL SHALL BE 13 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-20.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. WARDENGE/INSPECTOR.  
 9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
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CLIENT	CCSHAU, HISAR

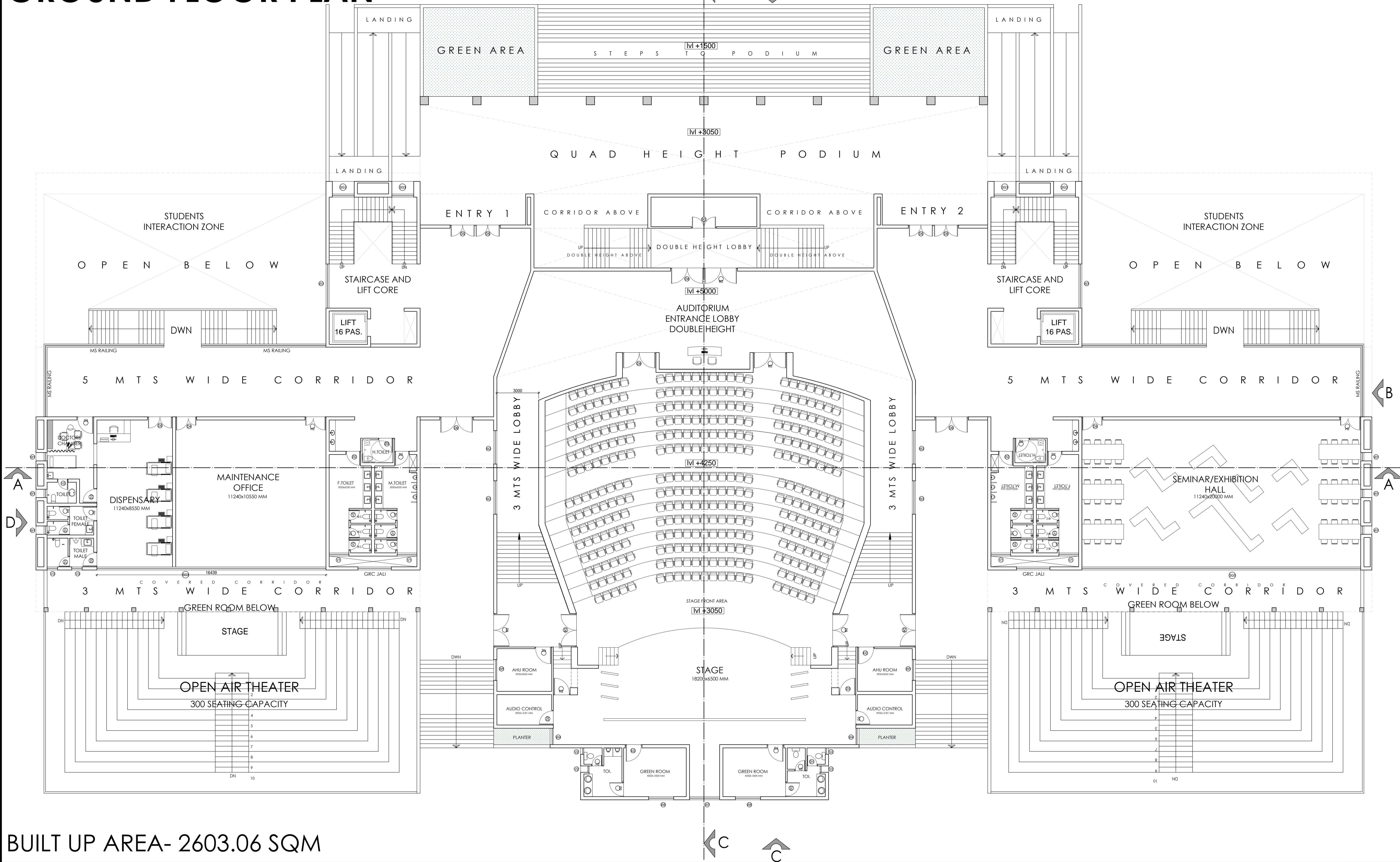
SHEET	STILT FLOOR
COMPONENT	FLOOR PLAN



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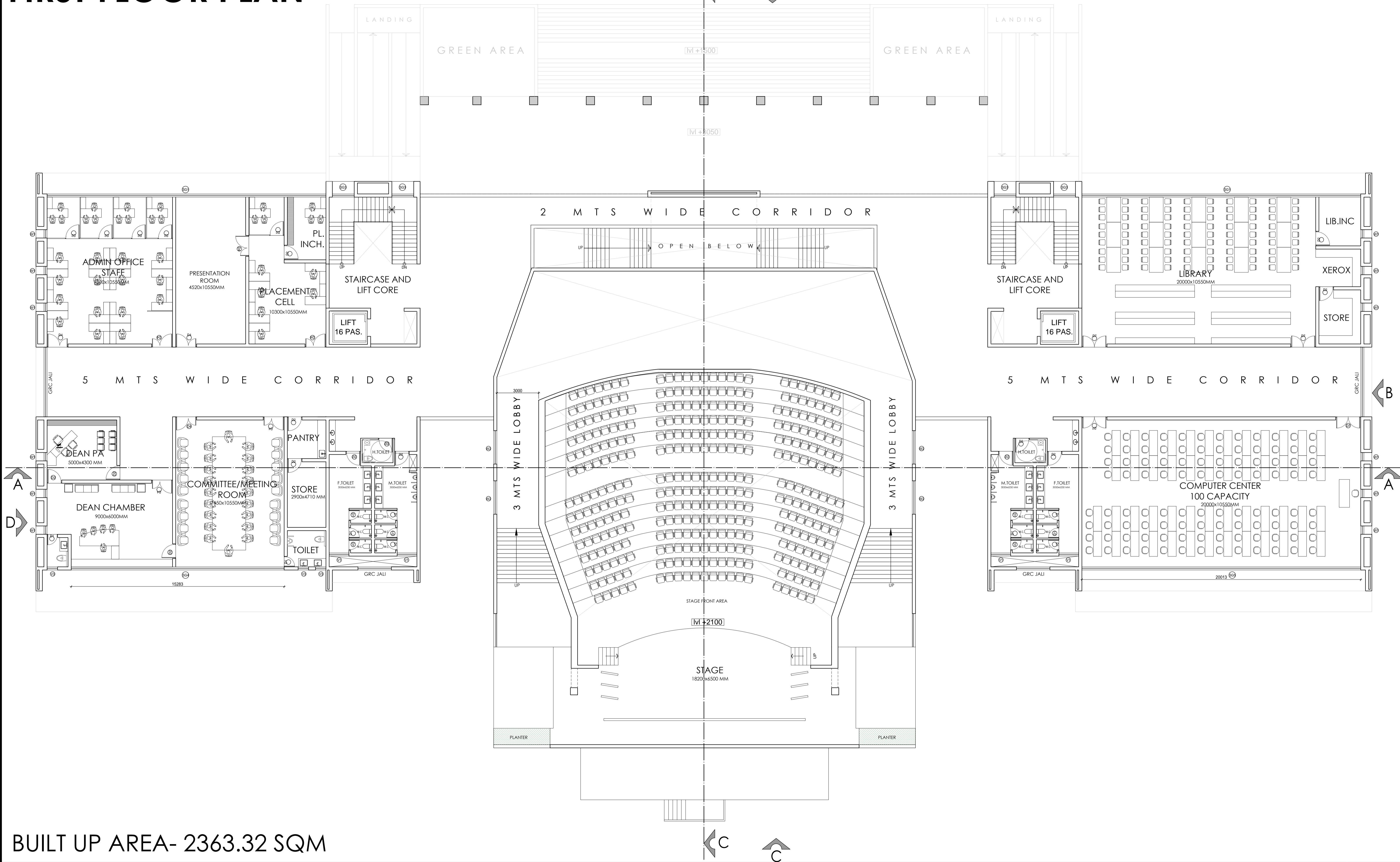
# GROUND FLOOR PLAN



**BUILT UP AREA- 2603.06 SQM**

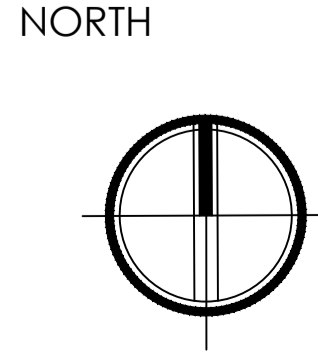
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<b>DATE</b> 8.05.2019	<b>CLIENT</b> <b>CCSHAU, HISAR</b>	<b>COMPONENT</b> <b>FLOOR PLAN</b>														
<b>SCALE</b> N.T.S	<b>CHECKED BY</b> -															
<b>DRG.NO.</b> -																
<b>JOB. NO.</b> -																

# FIRST FLOOR PLAN



**BUILT UP AREA- 2363.32 SQM**

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		<b>DATE</b> 8.05.2019	<b>CLIENT</b> CCSHAU, HISAR	<b>COMPONENT</b> FLOOR PLAN	
		<b>SCALE</b> N.T.S			
		<b>DRG.NO.</b>			
		<b>JOB. NO.</b>			
<b>CHECKED BY</b>					

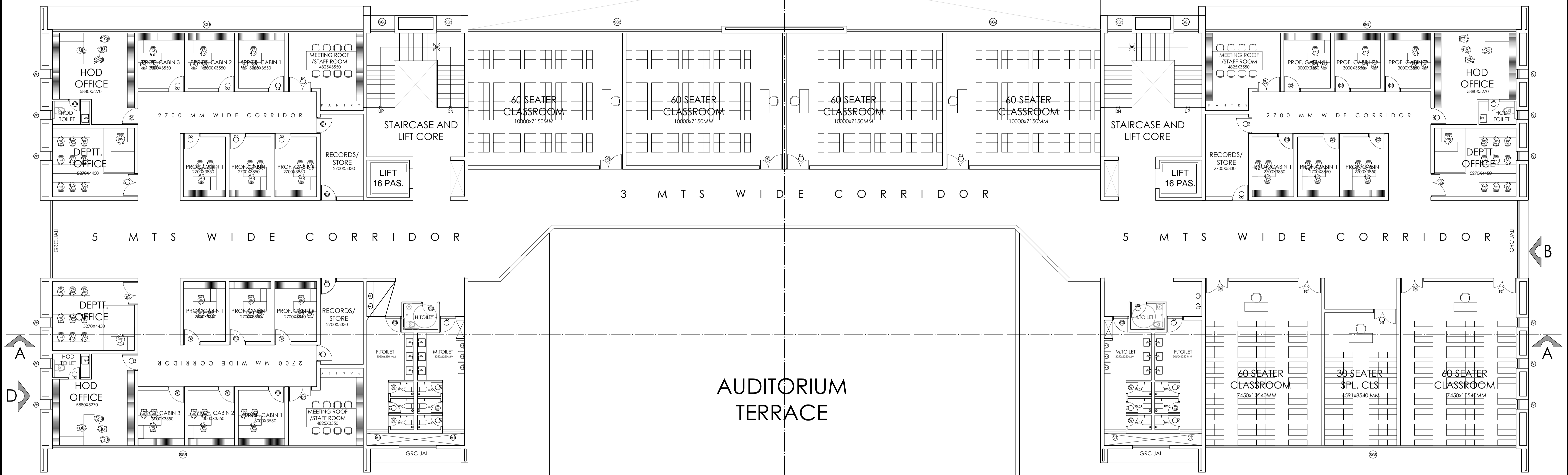
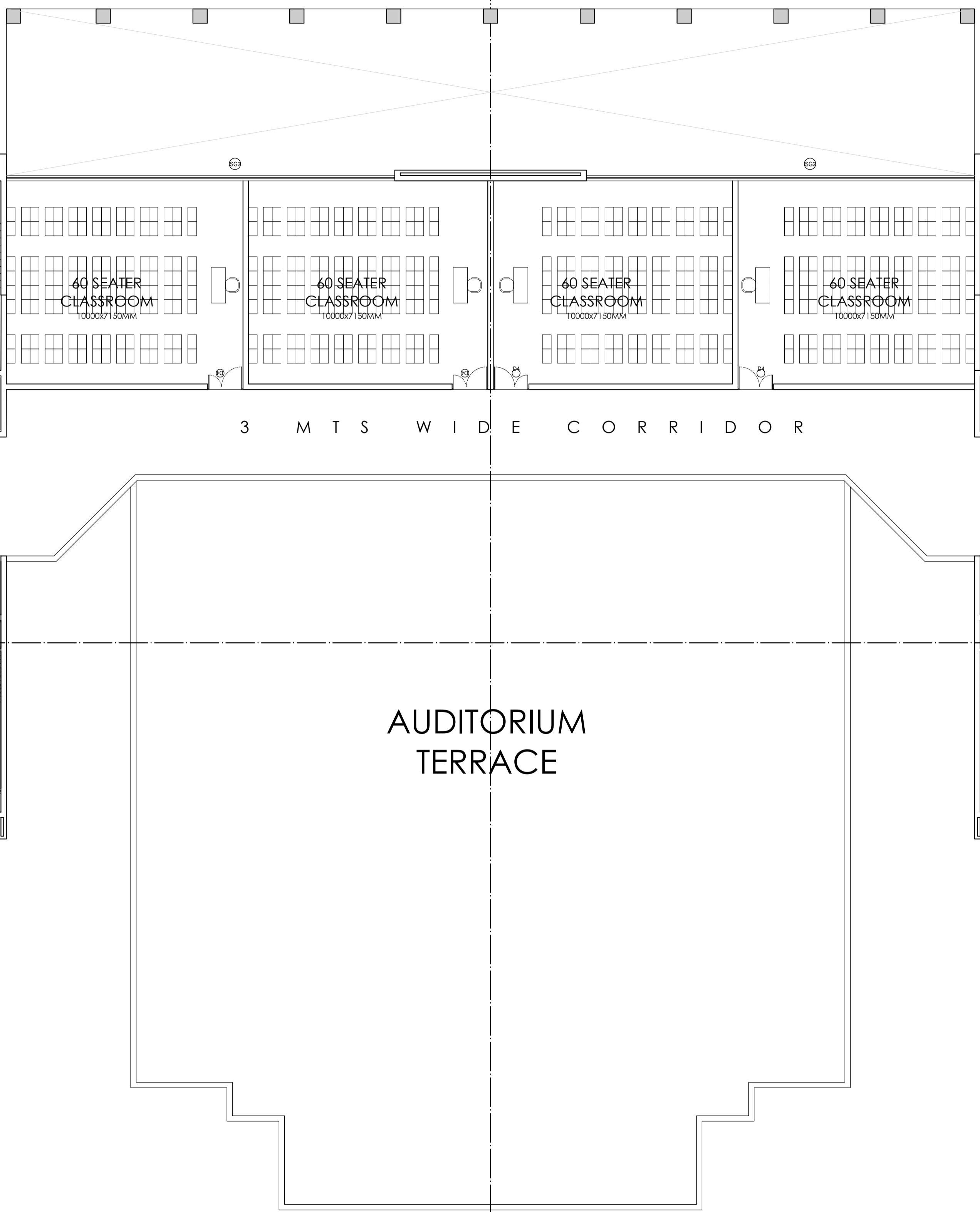


# SECOND FLOOR PLAN

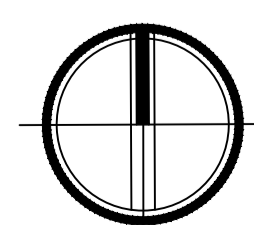
## DEPT. 1

## DEPT. 2

## DEPT. 3



BUILT UP AREA- 1994.04 SQM

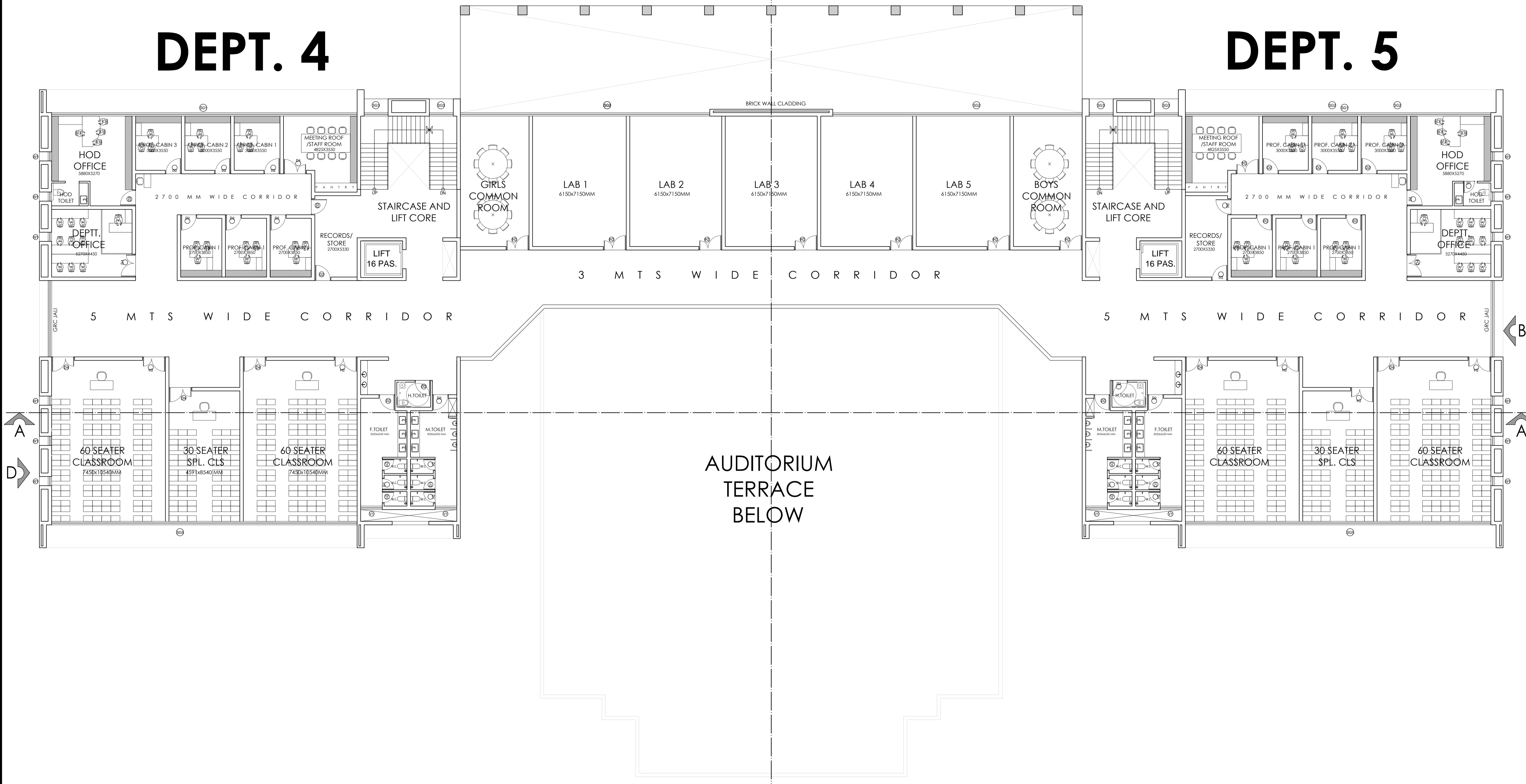
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		DATE SCALE	N.T.S		COMPONENT FLOOR PLAN		
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# THIRD FLOOR PLAN

## DEPT. 4

## DEPT. 5



BUILT UP AREA- 1994.04

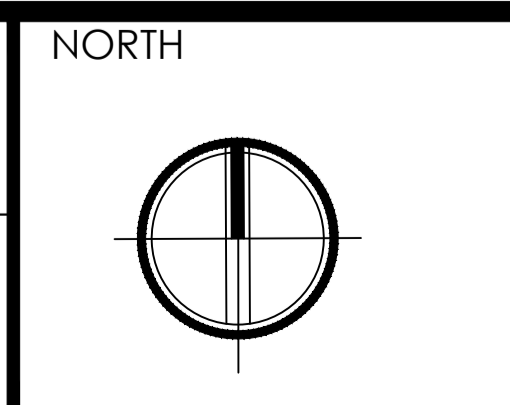
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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450 TO 1000 WORK PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SIGHTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN, VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM DOWN FROM GENERAL FLOOR LEVEL.  
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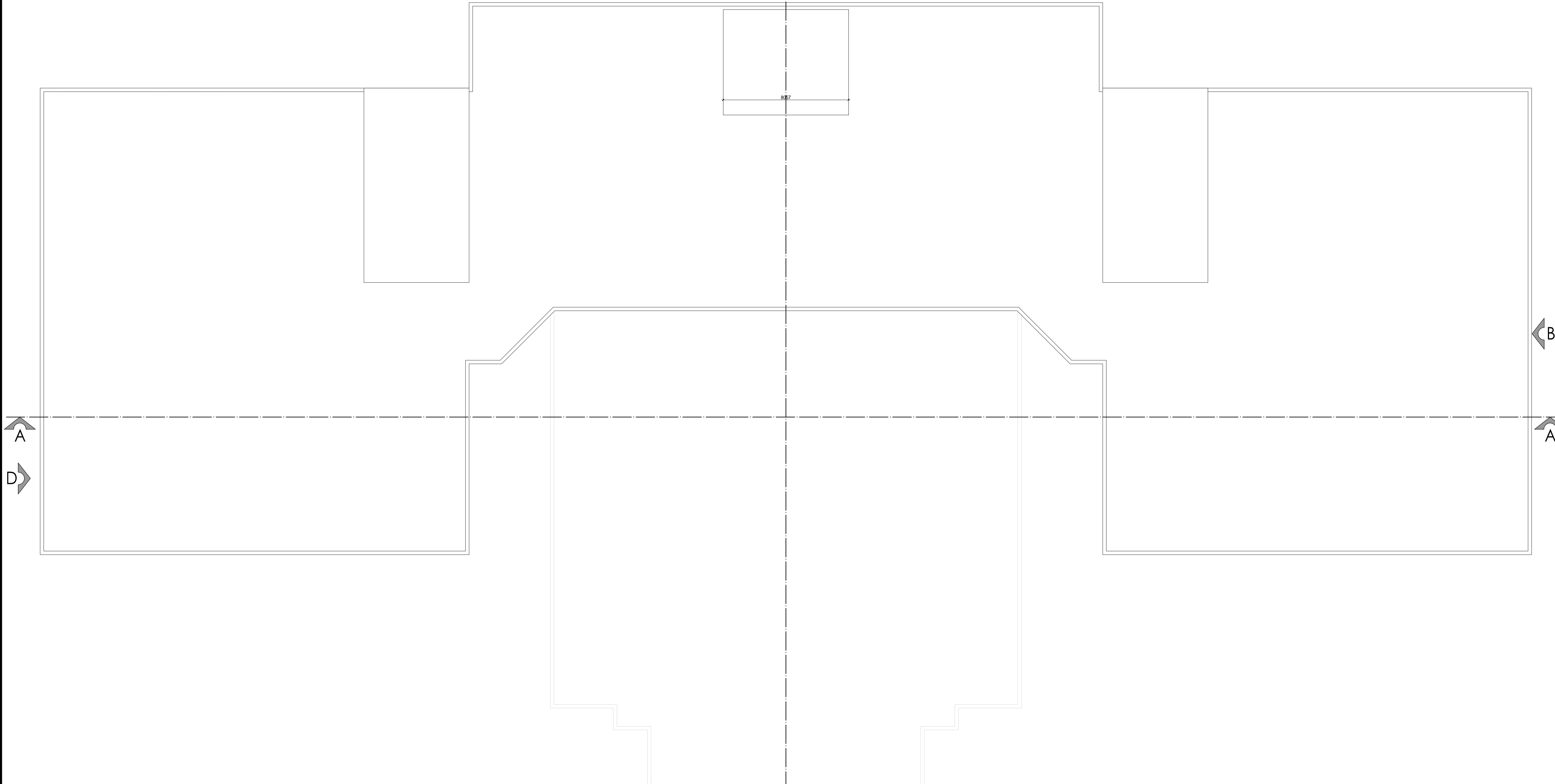
PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
CLIENT	CCSHAU, HISAR

SHEET	THIRD FLOOR
COMPONENT	FLOOR PLAN



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# TERRACE FLOOR PLAN



BUILT UP AREA- 1994.04

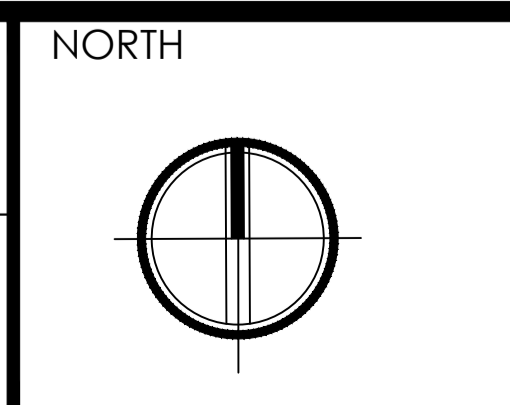
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SCALE	N.T.S
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JOB. NO.	-
CHECKED BY	-

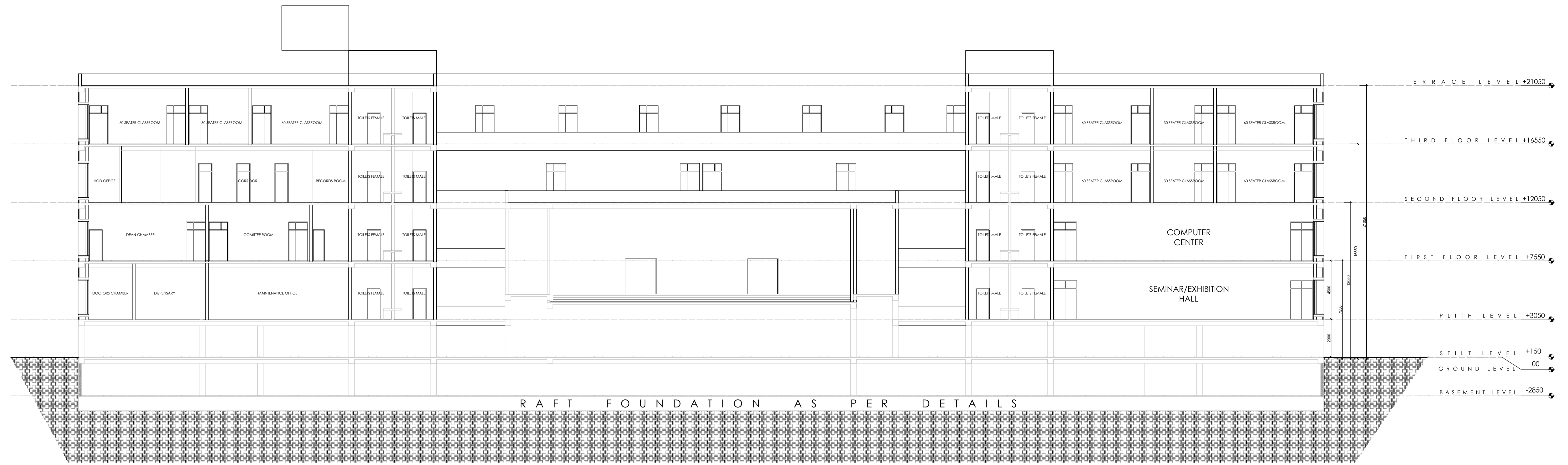
PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
CLIENT	CCSHAU, HISAR

SHEET	TERRACE FLOOR
COMPONENT	FLOOR PLAN

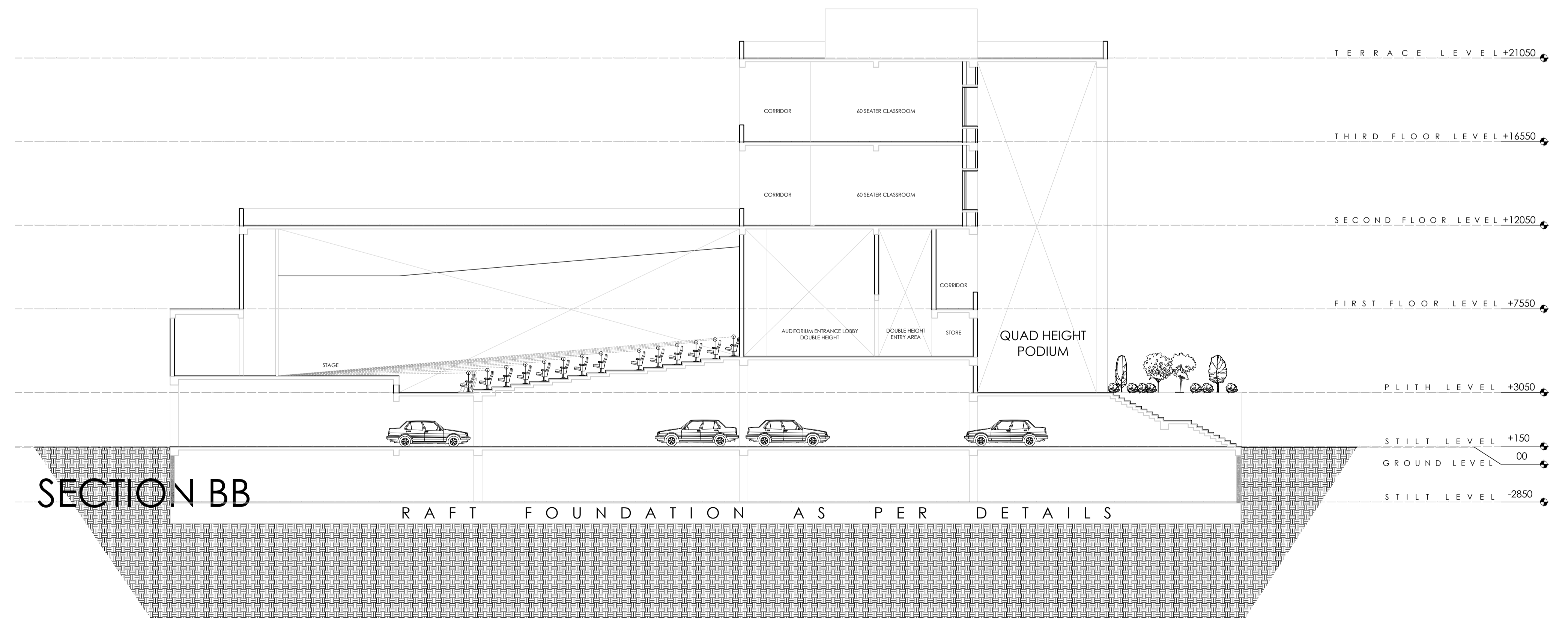


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# C)MAIN BUILDING- ELEVATION & SECTION

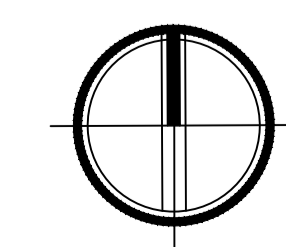


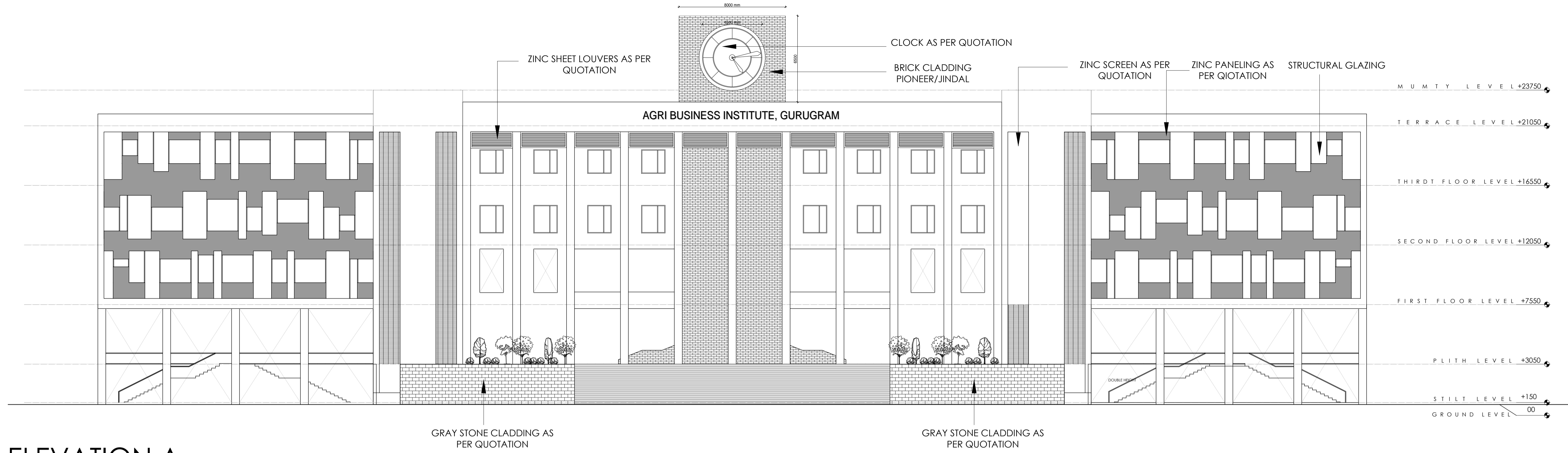
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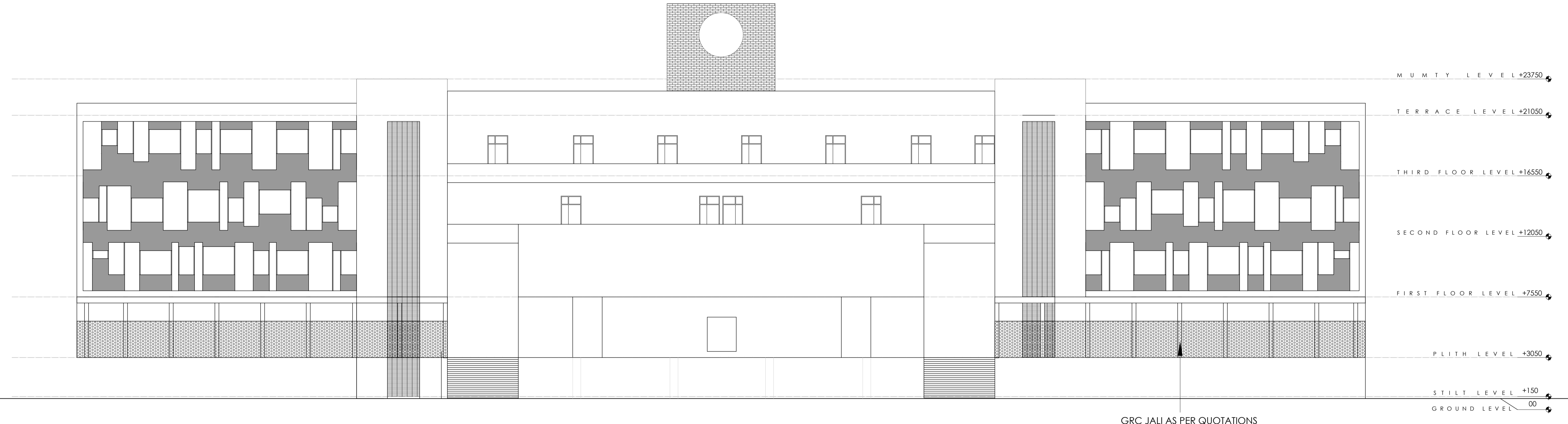
# SECTION BB

# SECTION BB

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ELEVATION A



ELEVATION C

NOTES:

1. THIS DRAWING IS THE PROPERTY & COPYRIGHT OF M/S SPACE ACE & NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPIING, RECORDING OR OTHERWISE, EXCEPT FOR THE RELATED PROJECT, WITHOUT THE WRITTEN PERMISSION OF M/S SPACE ACE.
2. ALL DIMENSIONS AND LEVELS ARE IN MM.
3. 450 TO 1000 WORK PLATH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
4. SKIRTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM DOWN FROM GENERAL FLOOR LEVEL.
6. THE GRADE OF CONCRETE TO BE USED IS M-25.
7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.
8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. IN CHARGE ARCHITECT.
9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.
10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.
11. ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

REVISIONS:

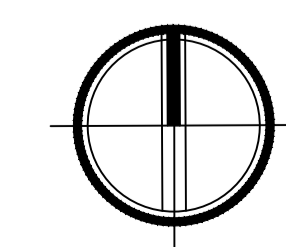
NO.	DESCRIPTION	DATE

DRAWN BY	SUMEET
DATE	8.05.2019
SCALE	N.T.S
DRG.NO.	
JOB. NO.	-
CHECKED BY	-

PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
CLIENT	CCSHAU, HISAR

SHEET	ELEVATION
COMPONENT	ELEVATION DETAIL

NORTH



**SPACE ACE**  
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ELEVATION D

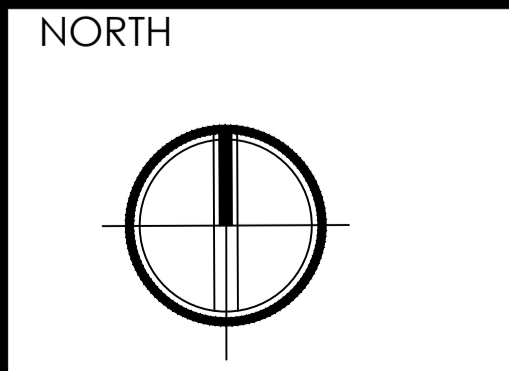
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 NOTE:-  
 1. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450 TO 1000 WORK PLATH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-25.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE ARCHITECT.  
 9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

REVISIONS:	

DRAWN BY	SUMEET
DATE	8.05.2019
SCALE	N.T.S
DRG.NO.	
JOB. NO.	-
CHECKED BY	-

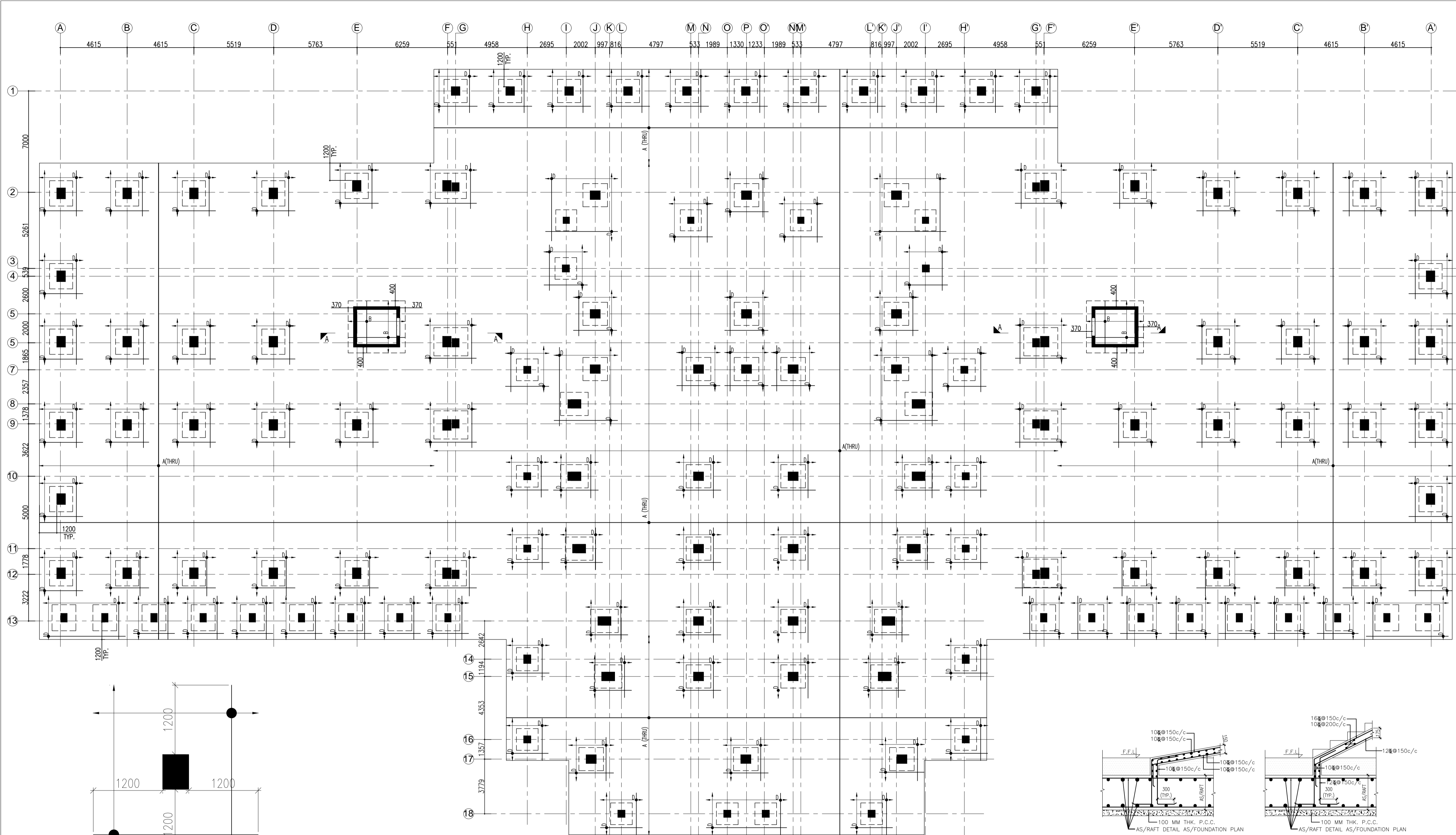
PROJECT	<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>
CLIENT	<b>CCSHAU, HISAR</b>

SHEET	<b>ELEVATION</b>
COMPONENT	<b>ELEVATION DETAIL</b>



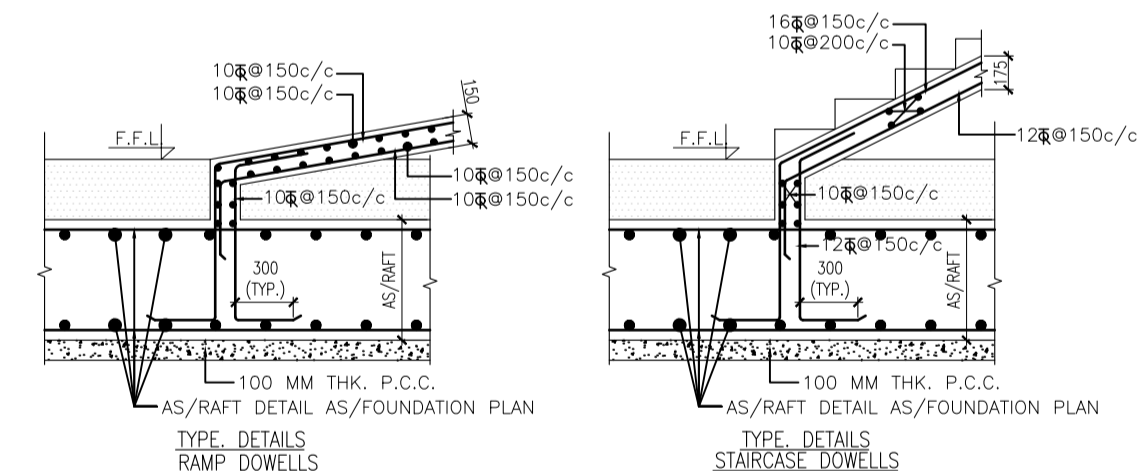
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# D) MAIN BUILDING- STRUCTURE

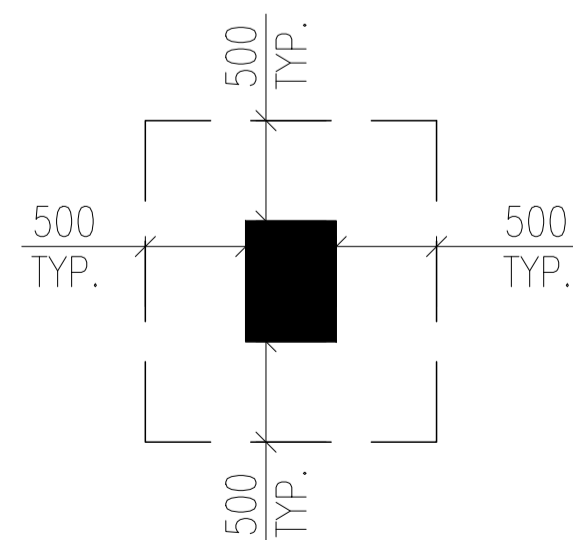


RAFT FOUNDATION PLAN  
BOTTOM REINFORCEMENT PLAN

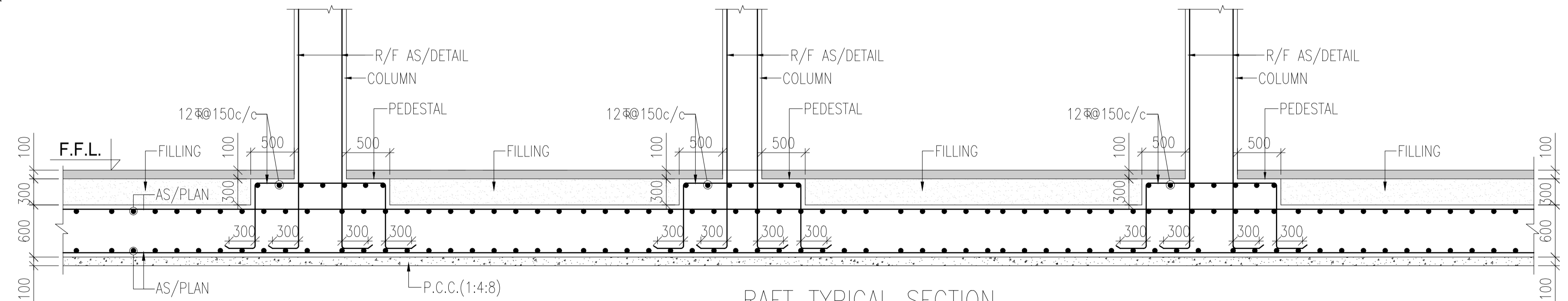
- NOTES
- 1 ALL DIMENSIONS ARE MM UNLESS NOTED OTHERWISE.
  - 2 ALL THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHOULD INVARIABLY BE CO-RELATED AND ANY DISCREPANCY SHOULD BE RECONCILED BEFORE CASTING.
  - 3 DRAWINGS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
  - 4 THE SBC ADOPTED IN THE DESIGN IS 15.0 T/SQM AT 1.5 M DEPTH BELOW NGL. THE EXECUTIVE ENGINEER SHOULD SATISFY HIMSELF BEFORE START OF WORK.
  - 5 THIS BLDG. IS DESIGNED FOR B+S+3 FLOOR ONLY. NO VERTICAL EXPANSION IS CONSIDERED.
  - 6 THE GRADE OF CONCRETE SHALL BE M-25 AS PER CPWD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.
  - 7 ALL REINFORCEMENT SHALL BE TMT/HYSD BARS AS PER IS 1786:1986 GRADE FE-500 WITH PROOF STRESS NOT LESS THAN 500 N/SQMM AS PER AGT ITEM
  - 8 CLEAR COVER TO OUTER BARS SHALL BE AS FOLLOW:- IN FTGS= 50, COLS =40, BEAMS=25, SLABS =20.
  - 9 LAP LENGTH FOR ALL BARS SHALL BE 49X DIA OF BARS. IN TENSION AND 39X DIA OF BARS IN COMPRESSION FOR FE 500 AND M-25 AS / IS456
  - 10 ALL LOOSE POCKETS FOUND IN EXCAVATION SHALL BE REPLACED BY LEAN CONC. (1:4:8).
  - 11 FOR DESIGN PURPOSES SEISMIC ZONE-V AS PER IS1893 IS CONSIDERED.



BOTTOM REINF. EXTRA PLAN



PEDESTAL OFFSET



RAFT TYPICAL SECTION

s.no.	date	description

REVISIONS

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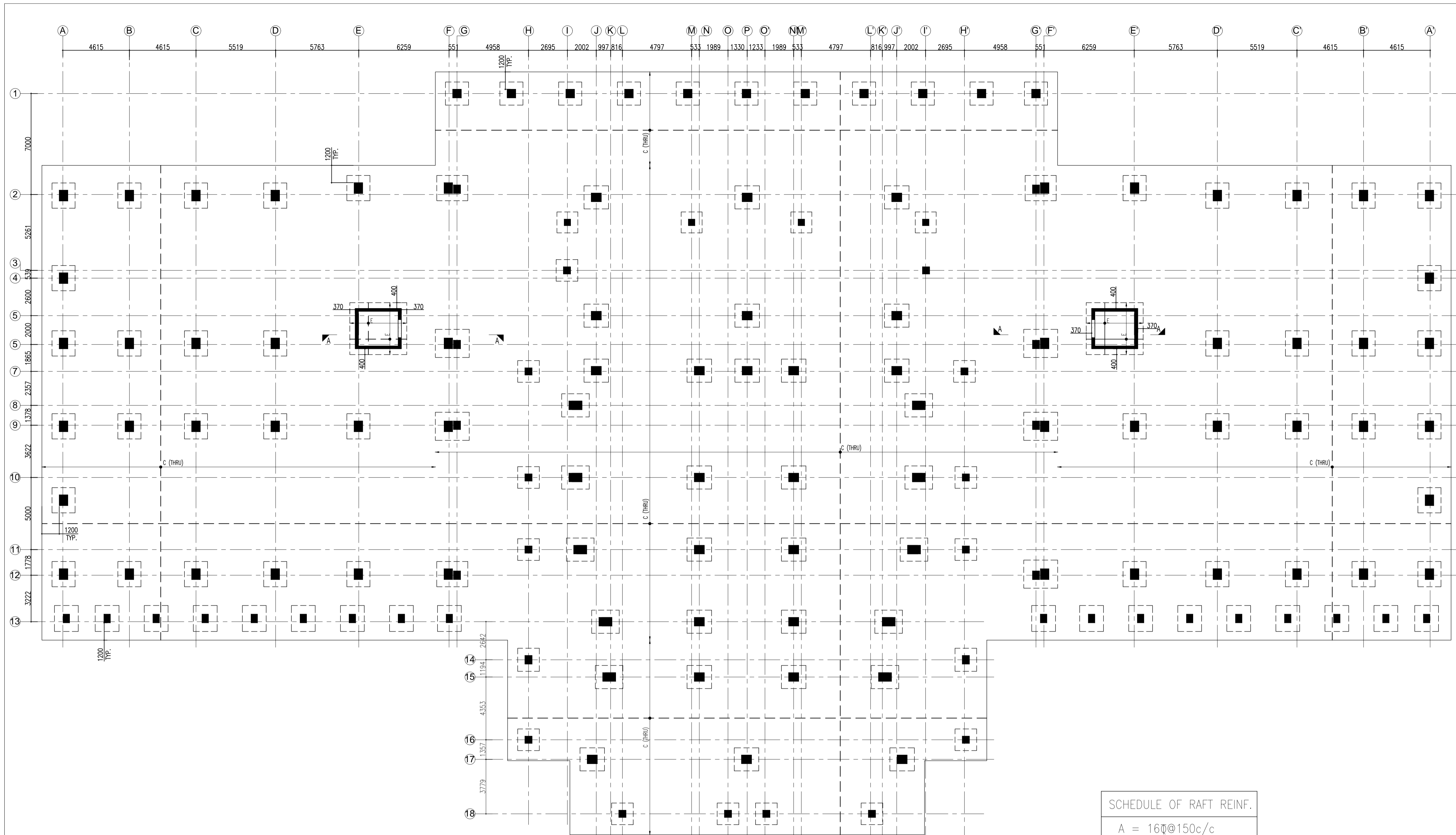
PROJECT  
**AGRI BUSINESS INSTITUTE, GURUGRAM**

Drawing Title  
**CCSHAU, HISAR**

CLIENT  
**RAFT FOUNDATION BOTTOM PLAN & DETAILS**

Job. No.	Scale	Date	Drg. No.	Revision
NTS			572-01	R0
Drawn	Dealt	Checked	Checked	APPROVED
AJAYPAL	SANJAY	SANJAY	SANJAY	





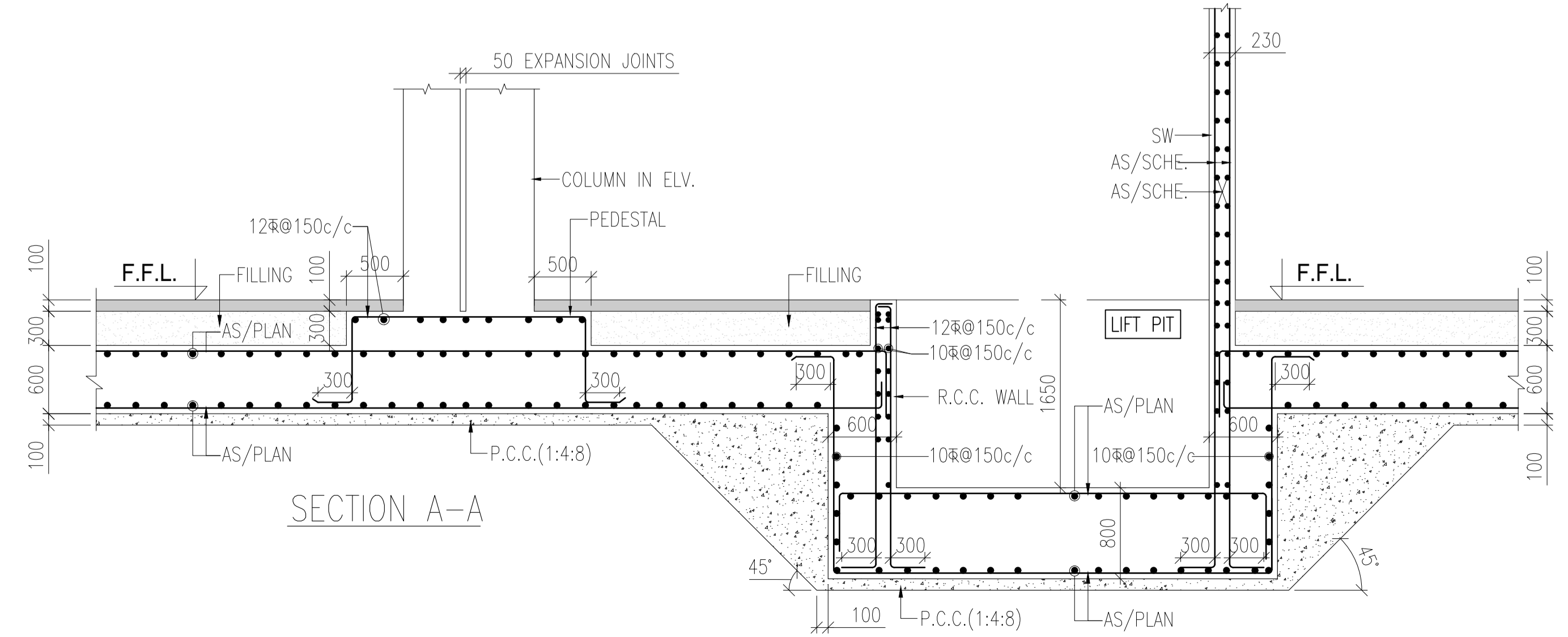
RAFT FOUNDATION PLAN  
TOP REINFORCEMENT PLAN

- NOTES
- 1 ALL DIMENSIONS ARE MM UNLESS NOTED OTHERWISE.
  - 2 ALL THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHOULD INVARIABLY BE CO-RELATED AND ANY DISCREPANCY SHOULD BE RECONCILED BEFORE CASTING.
  - 3 DRAWINGS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
  - 4 THE SBC ADOPTED IN THE DESIGN IS 15.0 T/SQM AT 1.5 M DEPTH BELOW NGL. THE EXECUTIVE ENGINEER SHOULD SATISFY HIMSELF BEFORE START OF WORK.
  - 5 THIS BLDG. IS DESIGNED FOR B+S+3 FLOOR ONLY. NO VERTICAL EXPANSION IS CONSIDERED.
  - 6 THE GRADE OF CONCRETE SHALL BE M-25 AS PER CPWD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.
  - 7 ALL REINFORCEMENT SHALL BE TMT/HYSD BARS AS PER IS 1786:1986 GRADE FE-500 WITH PROOF STRESS NOT LESS THAN 500 N/SQMM AS PER AGT ITEM
  - 8 CLEAR COVER TO OUTER BARS SHALL BE AS FOLLOW:- IN FTGS= 50, COLS =40, BEAMS=25, SLABS =20.
  - 9 LAP LENGTH FOR ALL BARS SHALL BE 49X DIA OF BARS. IN TENSION AND 39X DIA OF BARS IN COMPRESSION FOR FE 500 AND M-25 AS / IS456
  - 10 ALL LOOSE POCKETS FOUND IN EXCAVATION SHALL BE REPLACED BY LEAN CONC. (1:4:8).
  - 11 FOR DESIGN PURPOSES SEISMIC ZONE-V AS PER IS1893 IS CONSIDERED.

SCHEDULE OF RAFT REINF.

A = 16 $\Phi$ @150c/c
B = 20 $\Phi$ @150c/c
C = 20 $\Phi$ @100c/c
D = 25 $\Phi$ @150c/c
E = 25 $\Phi$ @100c/c

RAFT THICKNESS 600 THK. U.N.O.  
TOP BARS SHOWN AS \_\_\_\_\_  
BOTTOM BARS SHOWN AS \_\_\_\_\_  
ALL TEMPERATURE STEEL SHALL BE 10 $\Phi$ @200c/c WHEREVER REQD.

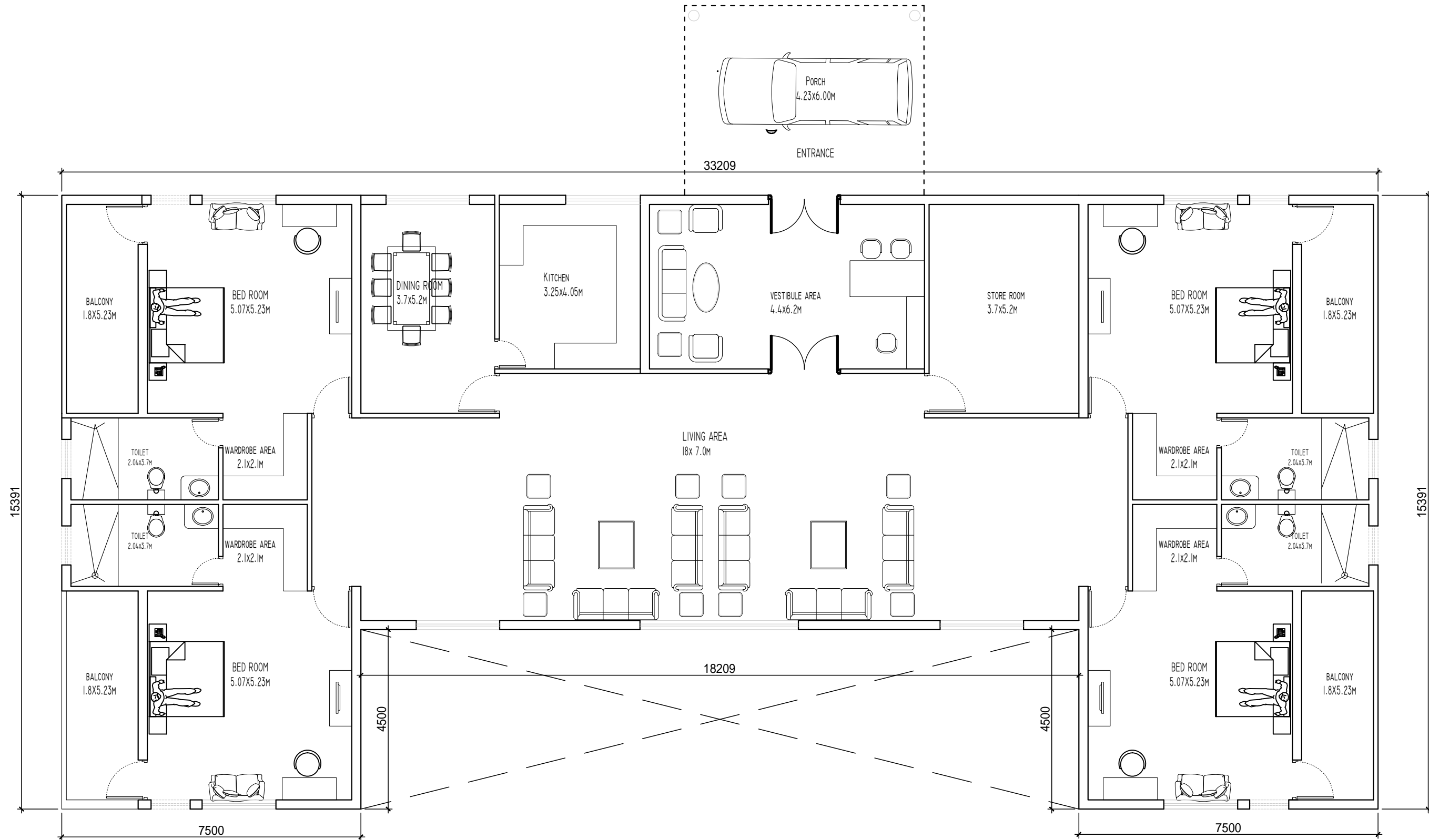


SECTION A-A

s.no.	date	description
REVISIONS		
<b>SPACE ACE</b> ARCHITECTS, ENGINEERS & PLANNERS		
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PROJECT <b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>		
Drawing Title <b>CCSHAU, HISAR</b>		
CLIENT <b>RAFT FOUNDATION TOP PLAN &amp; DETAILS</b>		
Job. No.	Drng. No.	Revision
Scale	Date	<b>R0</b>
Drawn	Checked	APPROVED
Sanjay Dealt	Sanjay	

# E)FACULTY TRANSIT HOUSE- PLANS

# FACULTY TRANSIT HOUSE PLAN



**BUILT UP AREA- 429 SQM**

**NOTES:**

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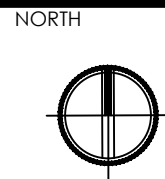
**NOTE:-**  
 1. EXACT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450 TO 750 WIDE FINISH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SORTING SHALL BE 10MM. HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M20.  
 7. THE DIMENSIONS OF BRICKS TO BE USED SHALL BE 230 x 115 x 75 MM.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENG. INCHARGE ARCHITECT.  
 9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

**REVISIONS:**


<b>DRAWN BY</b>	SUMEET
<b>DATE</b>	20.04.2019
<b>SCALE</b>	N.T.S
<b>DRG.NO.</b>	
<b>JOB. NO.</b>	-
<b>CHECKED BY</b>	-

<b>PROJECT</b>	<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>
<b>CLIENT</b>	<b>CCSHAU, HISAR</b>

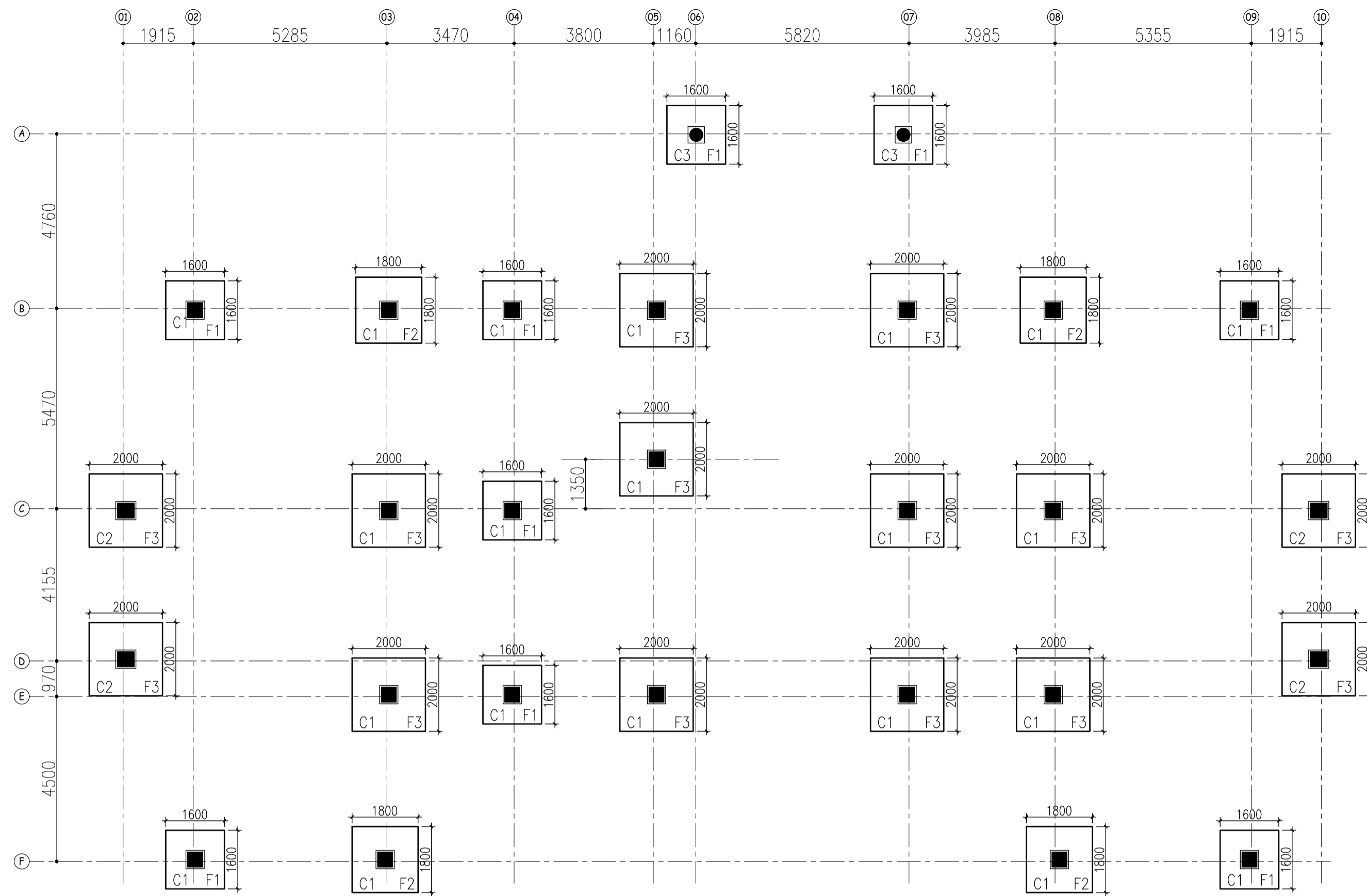
<b>SHEET</b>	<b>FACULTY TRANSIT HOUSE PLAN</b>
<b>COMPONENT</b>	<b>FLOOR PLAN</b>



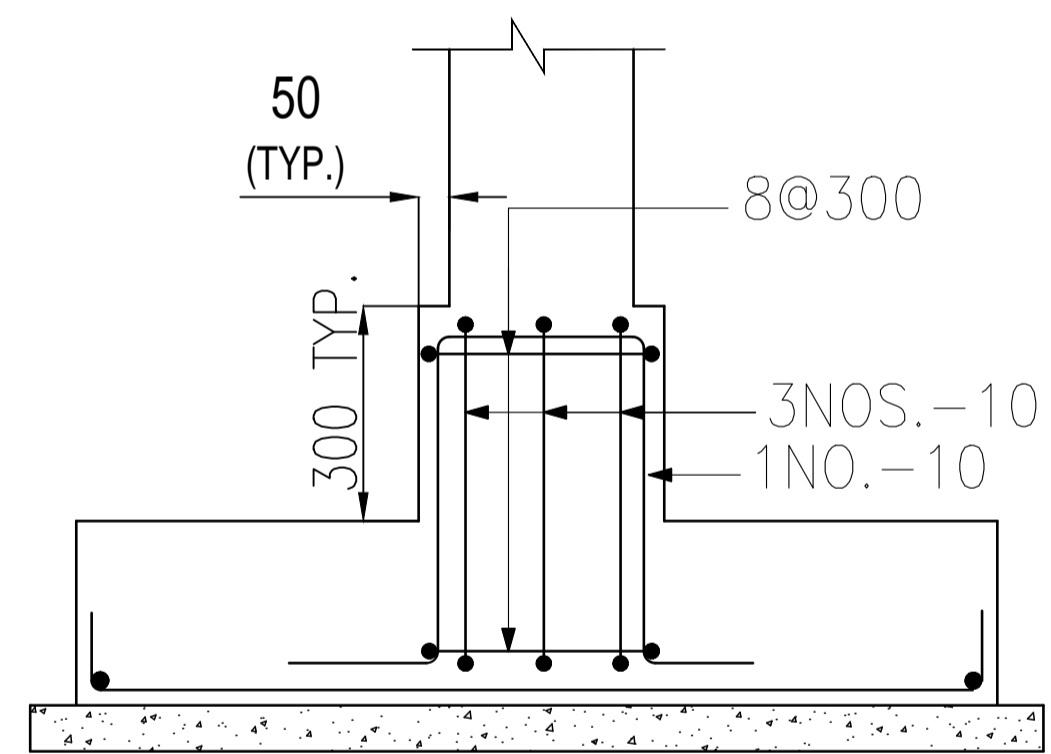
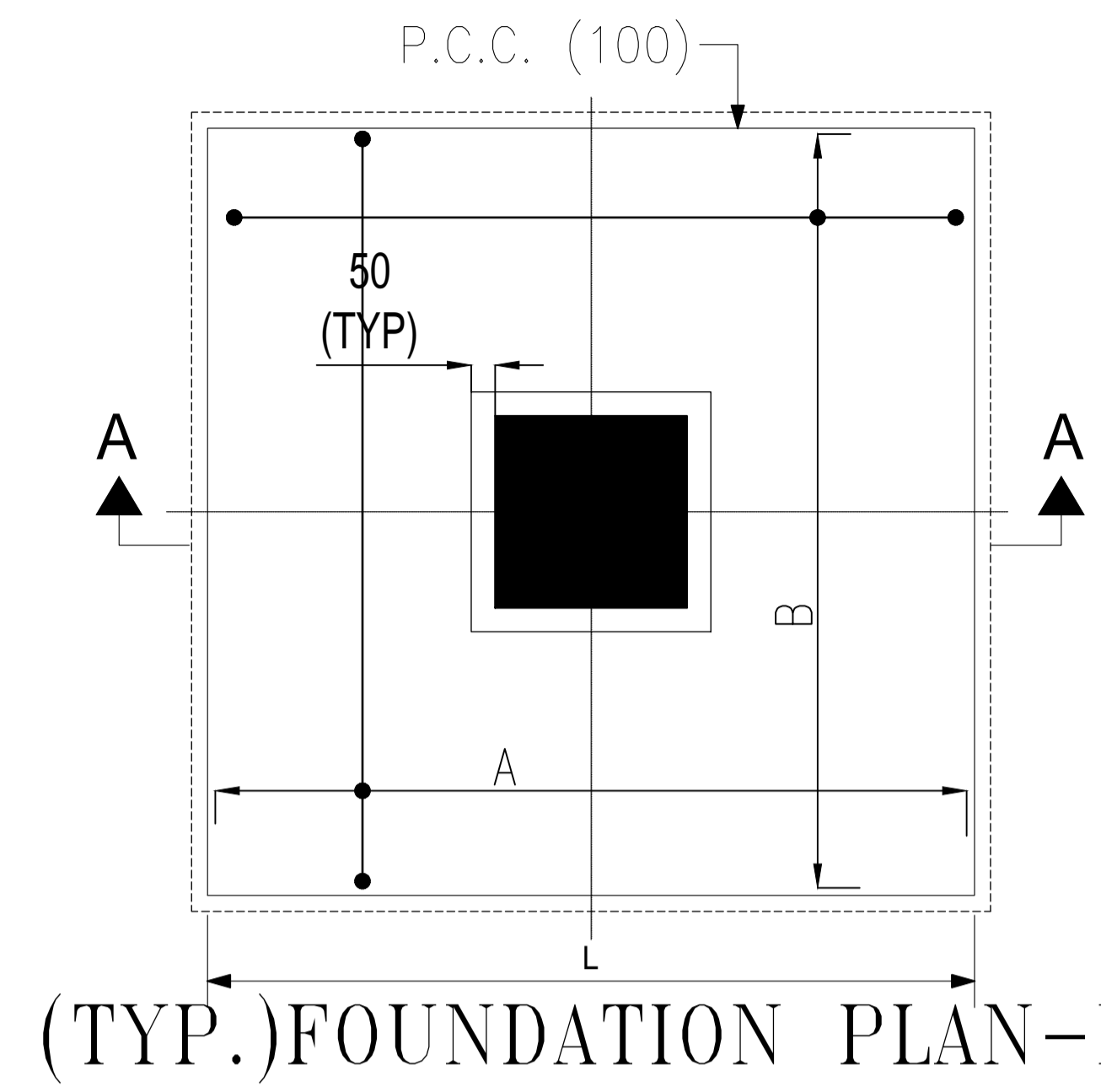
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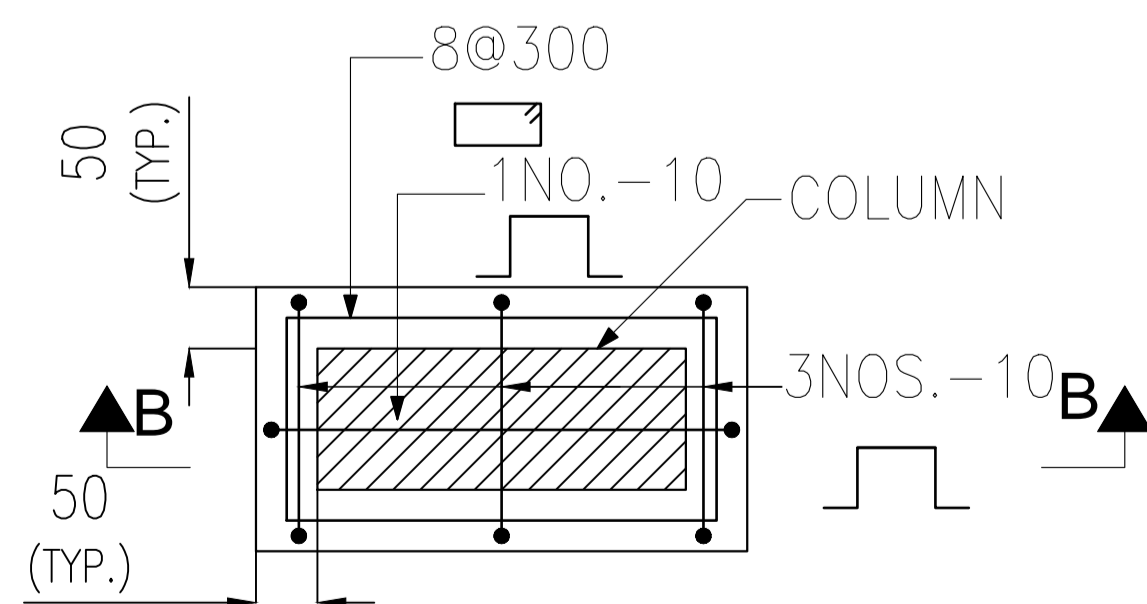
# F) FACULTY TRANSIT HOUSE- STRUCTURE



FOUNDATION LAYOUT PLAN



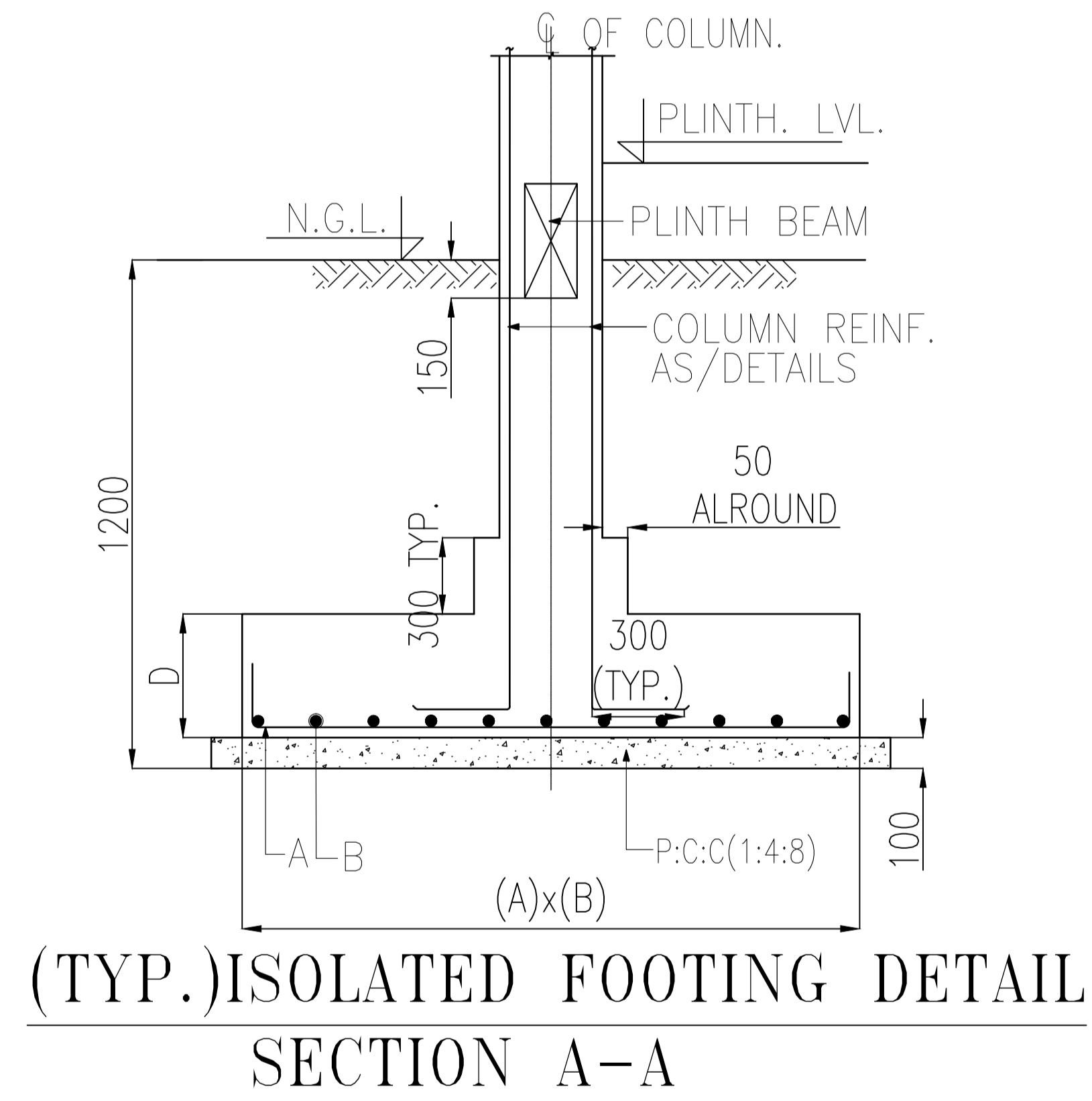
SECTION B-B



(TYP. PEDESTAL R/F DETAIL FOR ALL COL.)

COLUMN SCHEDULE			
COLUMN S.NO. MARKED	CONCRETE DIMENSION	LONG SIDE/SHORT SIDE (A) / (B)	
1	C1	400	400
2	C2	450	400
3	C3	350	400

FOOTING SCHEDULE								
FOOTING S.NO. MARKED	CONCRETE DIMENSION		DEPTH (D)	REINF. PARELLEL TO TOP		REINF. PARELLEL TO BOTTOM		REMARK
	LONG SIDE (A)	SHORT SIDE (B)		LONG SIDE (A)	SHORT SIDE (B)	LONG SIDE (A)	SHORT SIDE (B)	
1	F1	1600	1600	350				
2	F2	1800	1800	400				
3	F3	2000	2000	450				



(TYP.) ISOLATED FOOTING DETAIL SECTION A-A

- | NO  | NOTES  |
|-----|--|
| 1.  | THIS DRG SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCH. & SERVICES DRGS.                                   |
| 2.  | THIS BLDG. IS DESIGNED FOR GROUND FLOOR ONLY.  |
| 3.  | GROSS BEARING CAP. IS TAKEN AS 12.0 T/M <sup>2</sup> AT 1.5 M DEP.   |
| 4.  | ALL LOOSE POCKETS FOUND IN EXCAVATION SHALL BE REPLACED BY LEAN CONC. (1:4:8).                               |
| 5.  | CONC. MIX M-25 SHALL BE USED FOR ALL RCC WORK UNLESS OTHERWISE SPECIFIED.                                    |
| 6.  | CLEAR COVER TO OUTER BARS SHALL BE AS FOLLOW:- IN FTGS= 50, COLS.=40, BEAMS=25, SLABS = 20MM.                |
| 7.  | LAP LENGTH FOR ALL BARS SHALL BE 47X DIA OF BARS.  |
| 8.  | 230TH. & 115MM TH. BK. WORK SHALL BE IN CEM. SAND 1:6 & 1:4 RESPECTIVELY.                                    |
| 9.  | HIGH STRENGTH DEFORMED BARS OF YIELD STRENGTH 500 N/mm <sup>2</sup> SHALL BE USED AS REINF. FOR ALL RCC WORK |
| 10. | FOR DESIGN PURPOSES SEISMIC ZONE-IV AS PER IS1893 IS CONSIDERED.   |

CLIENT :-  
IDW CELL, NHM, NRHM,  
MUMBAI

ARCHITECTS :- **SPACE ACE**  
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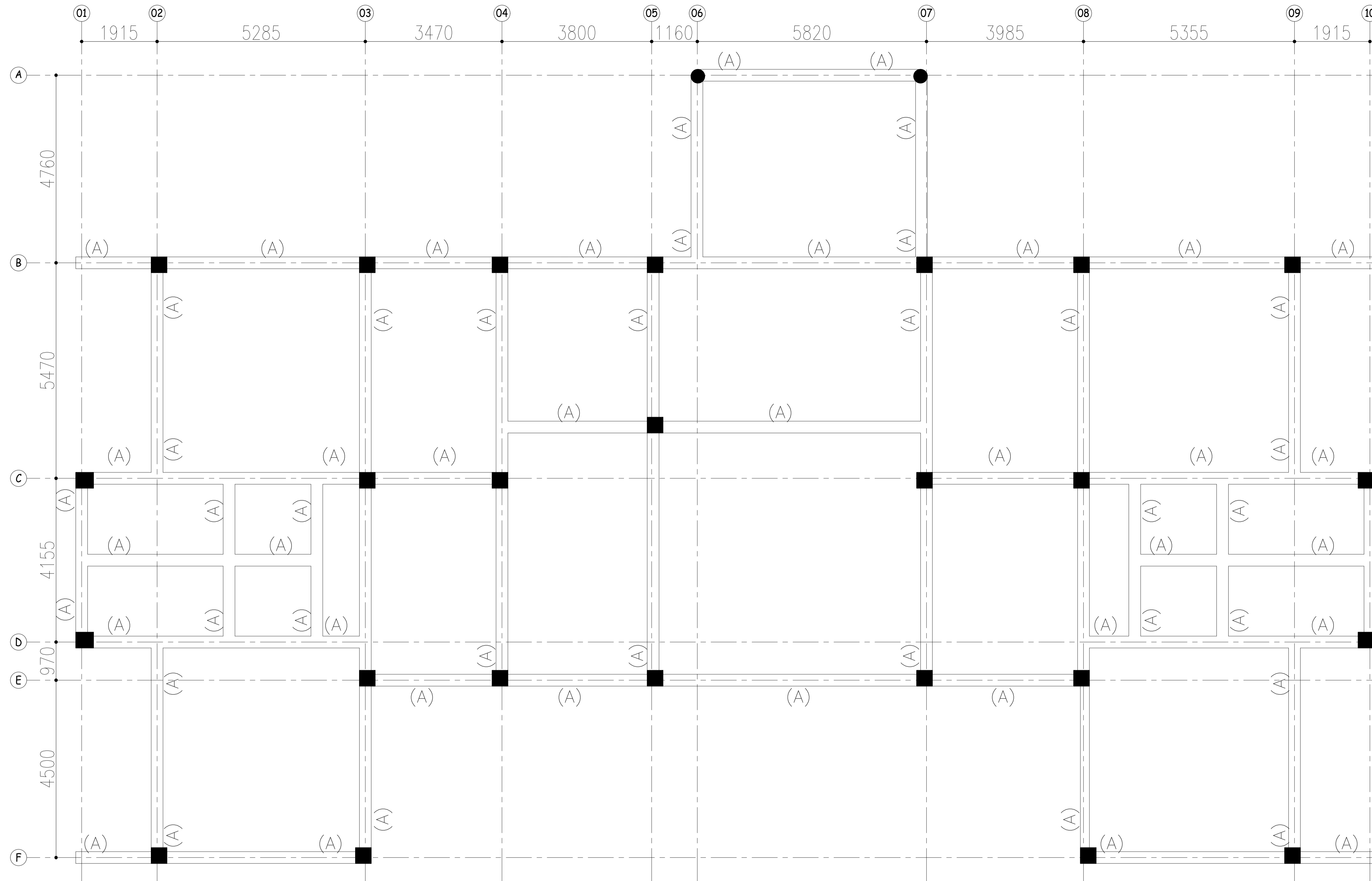
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PROJECT :-  
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DRAWING TITLE  
AGRI BUSINESS INSTITUTE  
GURUGRAM  
FOUNDATION LAYOUT PLAN

Scale 1:100	Date	Drg. No. STR-02	Revision <b>R0</b>
NEERAJ Drawn	SANJAY Dealt	SANJAY Checked	



**BEAM SCHEDULE**

BEAM MARKED	SIZE
(A)	300X450
(B)	300X600

**PLINTH LVL. FRAMING PLAN**  
**ALL BEAM SIZES (300X450)**  
**(ALL COLUMN SIZE 400X400)**

NO	NOTES
1.	THIS DRG SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCH. & SERVICES DRGS.
2.	THIS BLDG. IS DESIGNED FOR GROUND FLOOR ONLY.
3.	GROSS BEARING CAP. IS TAKEN AS 12.0 T/M <sup>2</sup> AT 1.5 M DEP.
4.	ALL LOOSE POCKETS FOUND IN EXCAVATION SHALL BE REPLACED BY LEAN CONC. (1:4:8).
5.	CONC. MIX M-25 SHALL BE USED FOR ALL RCC WORK UNLESS OTHERWISE SPECIFIED.
6.	CLEAR COVER TO OUTER BARS SHALL BE AS FOLLOW:- IN FTGS= 50, COLS.=40, BEAMS=25, SLABS = 20MM.
7.	LAP LENGTH FOR ALL BARS SHALL BE 47X DIA OF BARS.
8.	230TH. & 115MM TH. BK. WORK SHALL BE IN CEM. SAND 1:6 & 1:4 RESPECTIVELY.
9.	HIGH STRENGTH DEFORMED BARS OF YIELD STRENGTH 500 N/mm <sup>2</sup> SHALL BE USED AS REINF. FOR ALL RCC WORK
10.	FOR DESIGN PURPOSES SEISMIC ZONE-IV AS PER IS1893 IS CONSIDERED.

CLIENT :-  
 IDW CELL, NHM, NRHM,  
 MUMBAI

ARCHITECTS :- **SPACE ACE**  
 ARCHITECTS, ENGINEERS &  
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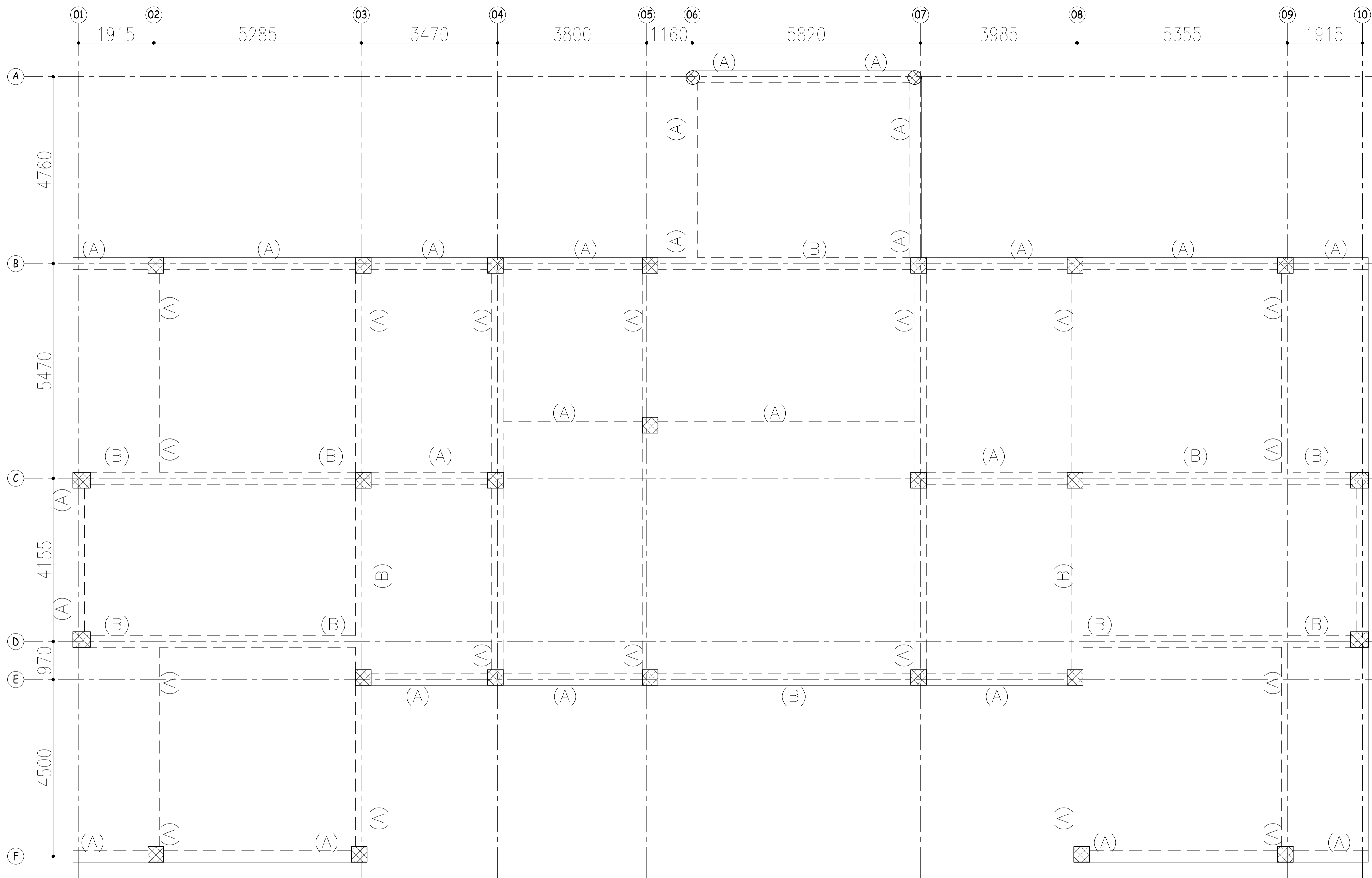
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 E-MAIL : spaceace.india@gmail.com

STRUCTURAL CONSULTANT.  
**PERCEPTIONS**  
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PROJECT :-  
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DRAWING TITLE  
 AGRI BUSINESS INSTITUTE  
 GURUGRAM  
 PLINTH LVL. FRAMING PLAN

Scale	Date	Drg. No.	Revision
1:100		STR-01	<b>R0</b>
NEERAJ Drawn	SANJAY Dealt	SANJAY Checked	



- | NO  | NOTES  |
|-----|--|
| 1.  | THIS DRG SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCH. & SERVICES DRGS.                                   |
| 2.  | THIS BLDG. IS DESIGNED FOR GROUND FLOOR ONLY.  |
| 3.  | GROSS BEARING CAP. IS TAKEN AS 12.0 T/M <sup>2</sup> AT 1.5 M DEP.   |
| 4.  | ALL LOOSE POCKETS FOUND IN EXCAVATION SHALL BE REPLACED BY LEAN CONC. (1:4:8).                               |
| 5.  | CONC. MIX M-25 SHALL BE USED FOR ALL RCC WORK UNLESS OTHERWISE SPECIFIED.                                    |
| 6.  | CLEAR COVER TO OUTER BARS SHALL BE AS FOLLOW:- IN FTGS= 50, COLS.=40, BEAMS=25, SLABS = 20MM.                |
| 7.  | LAP LENGTH FOR ALL BARS SHALL BE 47X DIA OF BARS.  |
| 8.  | 230TH. & 115MM TH. BK. WORK SHALL BE IN CEM. SAND 1:6 & 1:4 RESPECTIVELY.                                    |
| 9.  | HIGH STRENGTH DEFORMED BARS OF YIELD STRENGTH 500 N/mm <sup>2</sup> SHALL BE USED AS REINF. FOR ALL RCC WORK |
| 10. | FOR DESIGN PURPOSES SEISMIC ZONE-IV AS PER IS1893 IS CONSIDERED.   |

### TERRACE LVL. FRAMING PLAN

(ALL COLUMN SIZE 400X400)  
ALL SLAB THK.. 150MM


#### BEAM SCHEDULE

BEAM MARKED	SIZE
(A)	300X450
(B)	300X600

CLIENT :-  
IDW CELL, NHM, NRHM,  
MUMBAI

ARCHITECTS :- **SPACE ACE**  
ARCHITECTS, ENGINEERS &  
PLANNERS

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STRUCTURAL CONSULTANT.  
 **PERCEPTIONS**  
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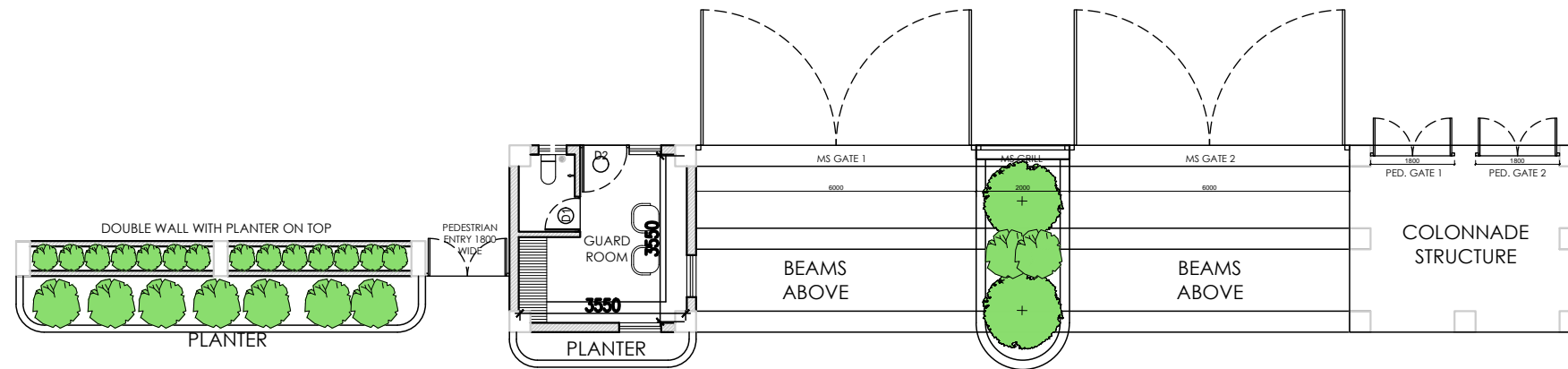
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AGRI BUSINESS INSTITUTE,  
GURUGRAM

DRAWING TITLE  
AGRI BUSINESS INSTITUTE  
GURUGRAM  
TERRACE LVL. FRAMING PLAN

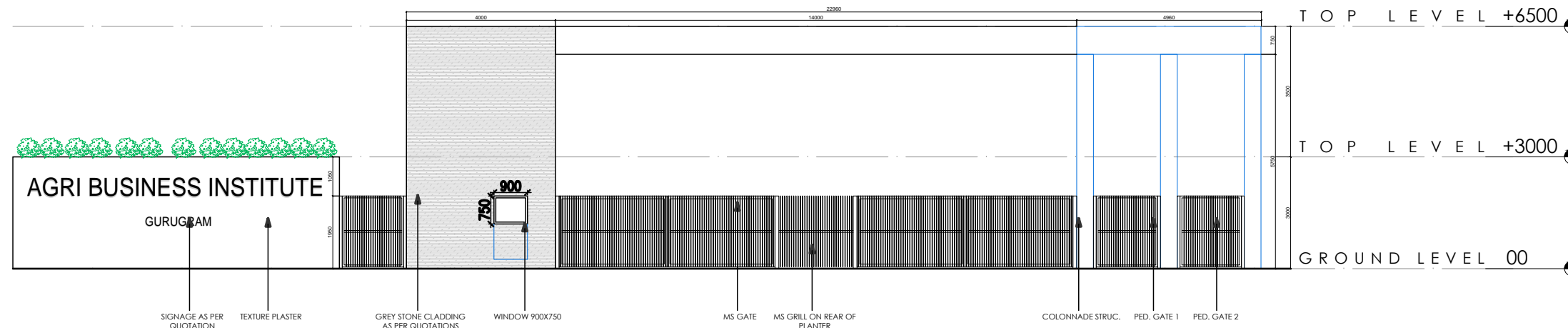
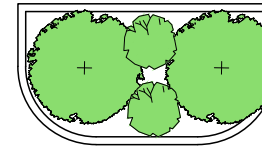
Scale	Date	Drg. No.	Revision
1:100		STR-02	<b>R0</b>
NEERAJ Drawn	SANJAY Dealt	SANJAY Checked	

# G)GATE DRAWING

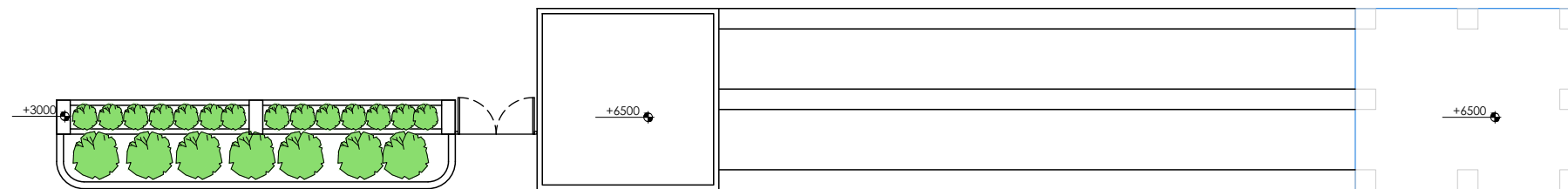




FLOOR PLAN



ELEVATION



ROOF PLAN

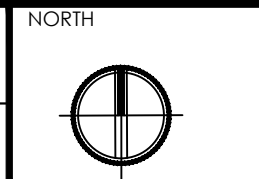
**NOTES:**  
 THIS DRAWING IS THE PROPERTY & COPYRIGHT OF M/S SPACE ACE & NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPIING, RECORDING OR OTHERWISE, EXCEPT FOR THE RELATED PROJECT, WITHOUT THE WRITTEN PERMISSION OF M/S SPACE ACE  
**NOTE:**  
 1. UNLESS SPECIFIED OTHERWISE, FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. FINISHES AND LEVELS SHALL BE PROVIDED ALL AROUND THE BUILDING.  
 4. SURTING SHALL BE 10MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. FLOOR FINISHES, KITCHEN, BATHROOM & BALCONY FLOOR LEVEL SHALL BE (1) MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M25.  
 7. THE DIMENSIONS OF BRICKS TO BE USED SHALL BE 230 X 115 X 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN (NOT APPROVED BY ENCO, PUNJAB, ARB/ETEC).  
 9. ALL MEASUREMENTS MUST BE CHECKED AT SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STONE WORKS SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

REVISIONS:	DATE	BY

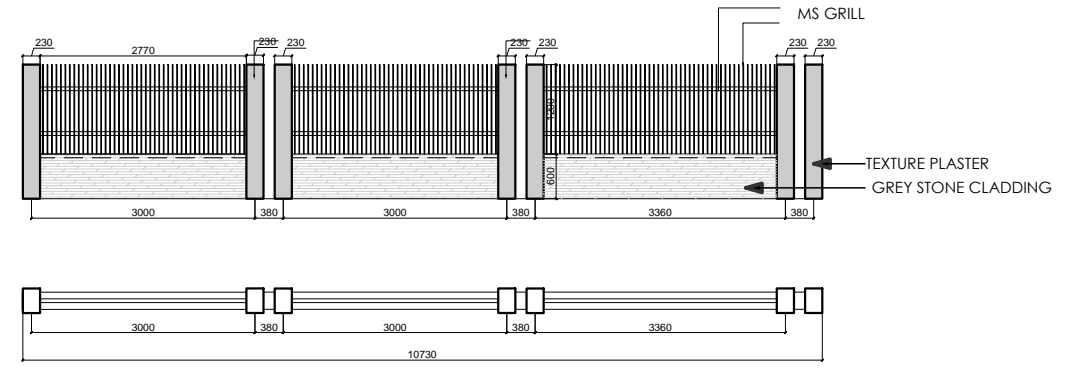
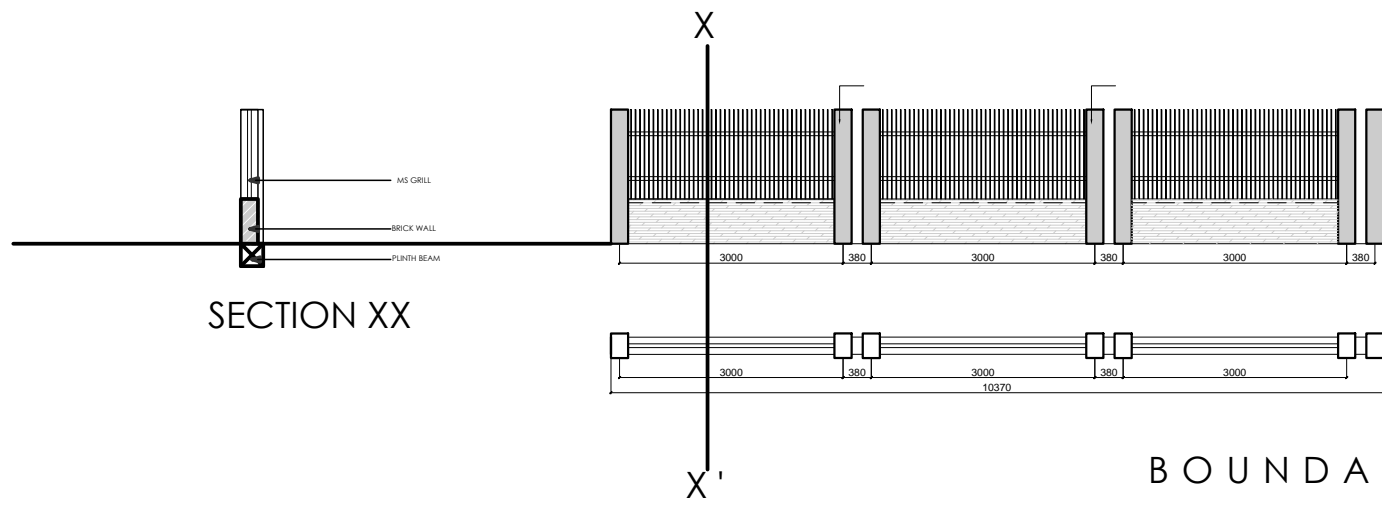
DRAWN BY	SUMEET
DATE	8.05.2019
SCALE	N.T.S
DRG.NO.	
JOB. NO.	-
CHECKED BY	-

PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
CLIENT	CCSHAU, HISAR

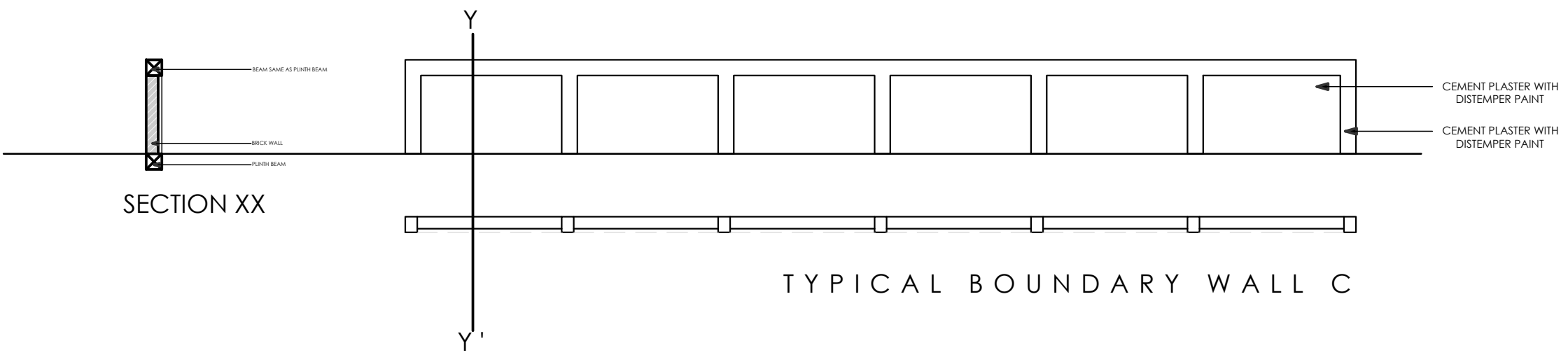
SHEET	GATE DETAIL
COMPONENT	ELEVATION DETAIL



**SPACE ACE**  
 ARCHITECTS, ENGINEERS & PLANNERS  
 V - 20A / 5  
 D.L.F. CITY III  
 GURGAON, HARYANA - 122002  
 PH - 0124-4106618, FAX:  
 0124-2365329  
 E - M A I L :  
 spaceace.india@gmail.com



BOUNDARY WALL AT A AND B



TYPICAL BOUNDARY WALL C

BOUNDARY WALL

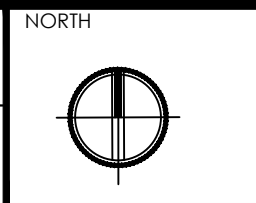
**NOTES:**  
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**NOTE:**  
 1. UNLESS SPECIFIED OTHERWISE, FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. FINISHES AND LEVELS SHALL BE AS SPECIFIED.  
 4. SURTING SHALL BE 10MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. FLOOR FINISHES, KITCHEN, BATHROOM & BALCONY FLOOR LEVEL SHALL BE (1) MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M25.  
 7. THE DIMENSIONS OF BRICKS TO BE USED SHALL BE 230 X 115 X 75 MM.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE, ARBETECT.  
 9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STONE WORKS SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

REVISIONS:	

DRAWN BY	SUMEET
DATE	8.05.2019
SCALE	N.T.S
DRG.NO.	
JOB. NO.	-
CHECKED BY	-

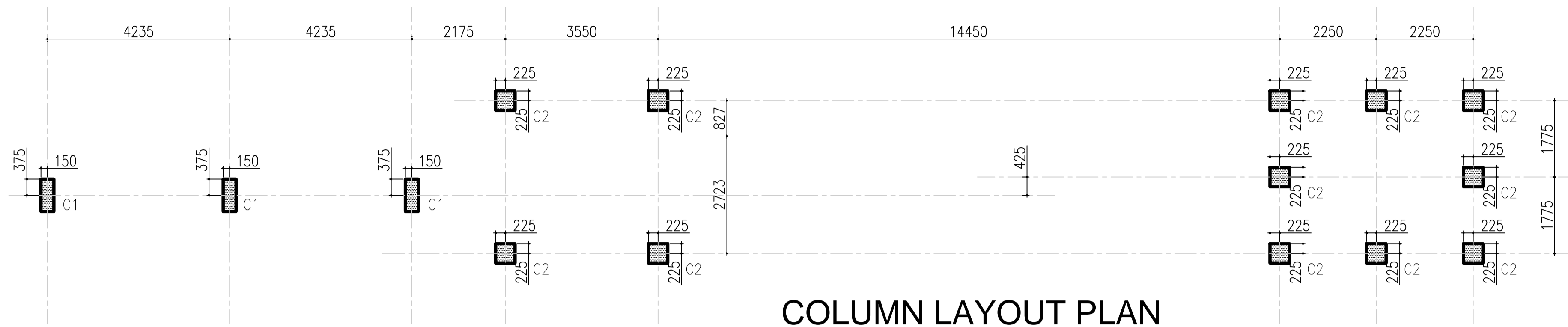
PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
CLIENT	CCSHAU, HISAR

SHEET	BOUNDARY WALL
COMPONENT	ELEVATION DETAIL

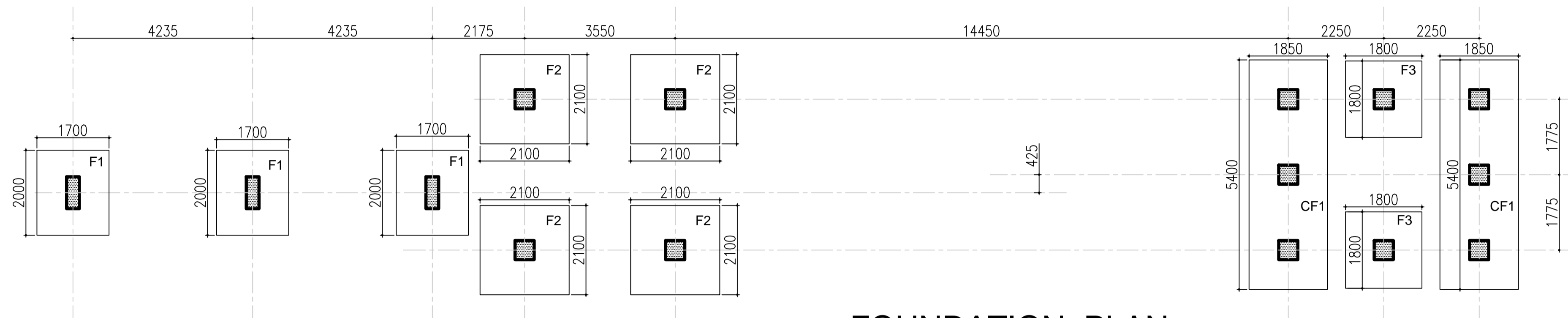


**SPACE ACE**  
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 GURGAON, HARYANA - 122002  
 PH - 0124-4106618, FAX:  
 0124-2365329  
 E - M A I L :  
 spaceace.india@gmail.com

## H)GATE- STRUCTURE

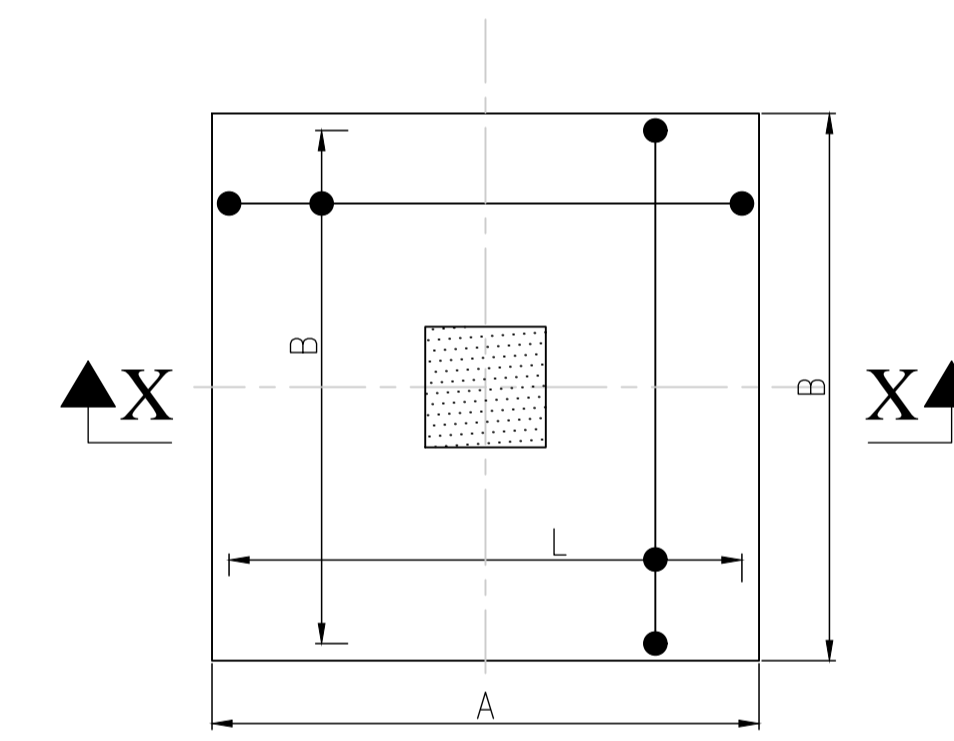


**COLUMN LAYOUT PLAN**



**FOUNDATION PLAN**

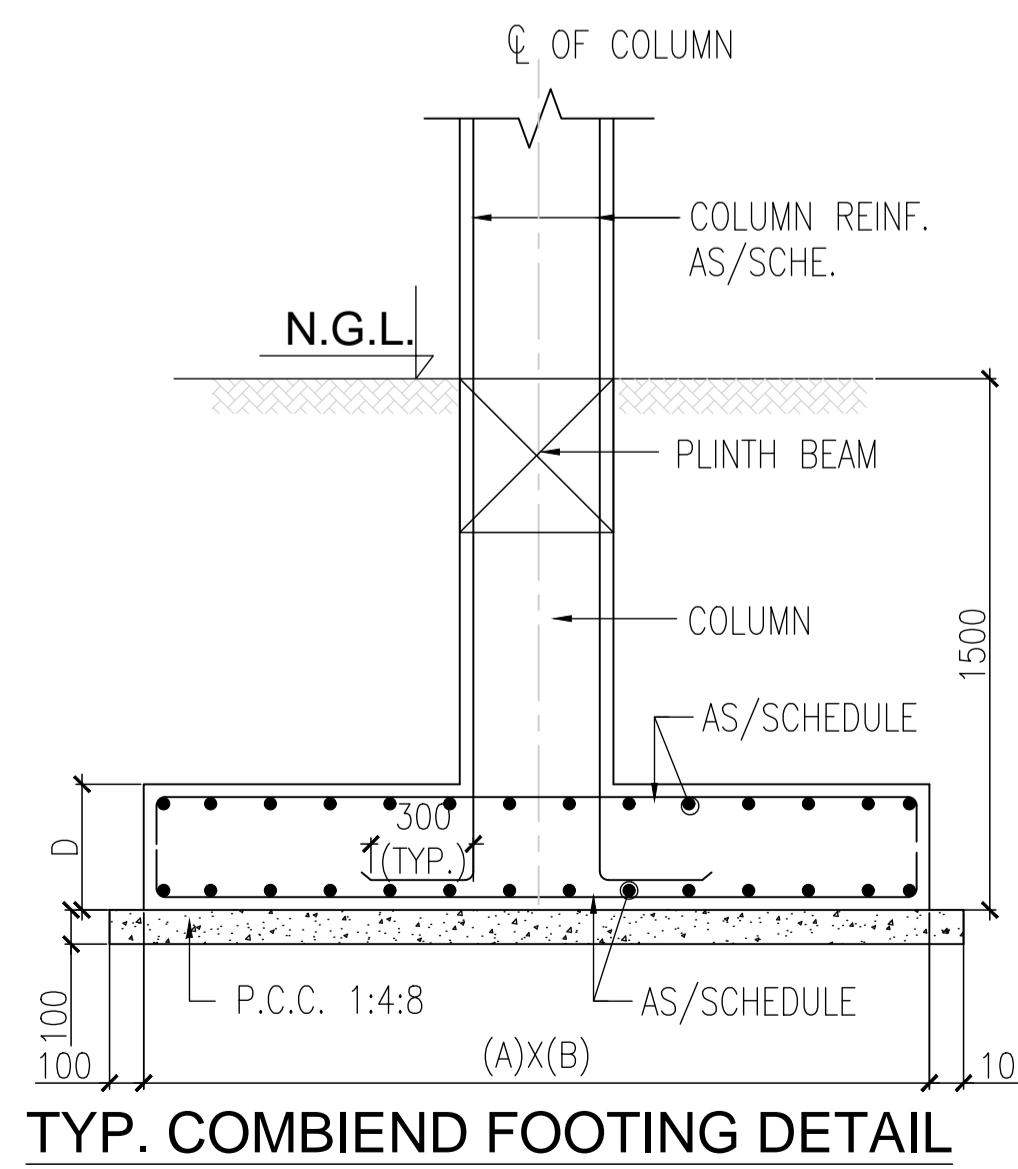
COLUMN SCHEDULE						
COL. NO.	COL. SIZE	REINFORCEMENT			SECTION	SHAPE OF TIES
		LONGITUDINAL	SET OF TIES			
			IN ZONE 'A'	IN ZONE 'B'		
C-1	300x750	6 NOS#16 10 NOS#12	#8@75c/c	#8@150c/c		
C-2	450x450	12 NOS#20	#8@75c/c	#8@150c/c		



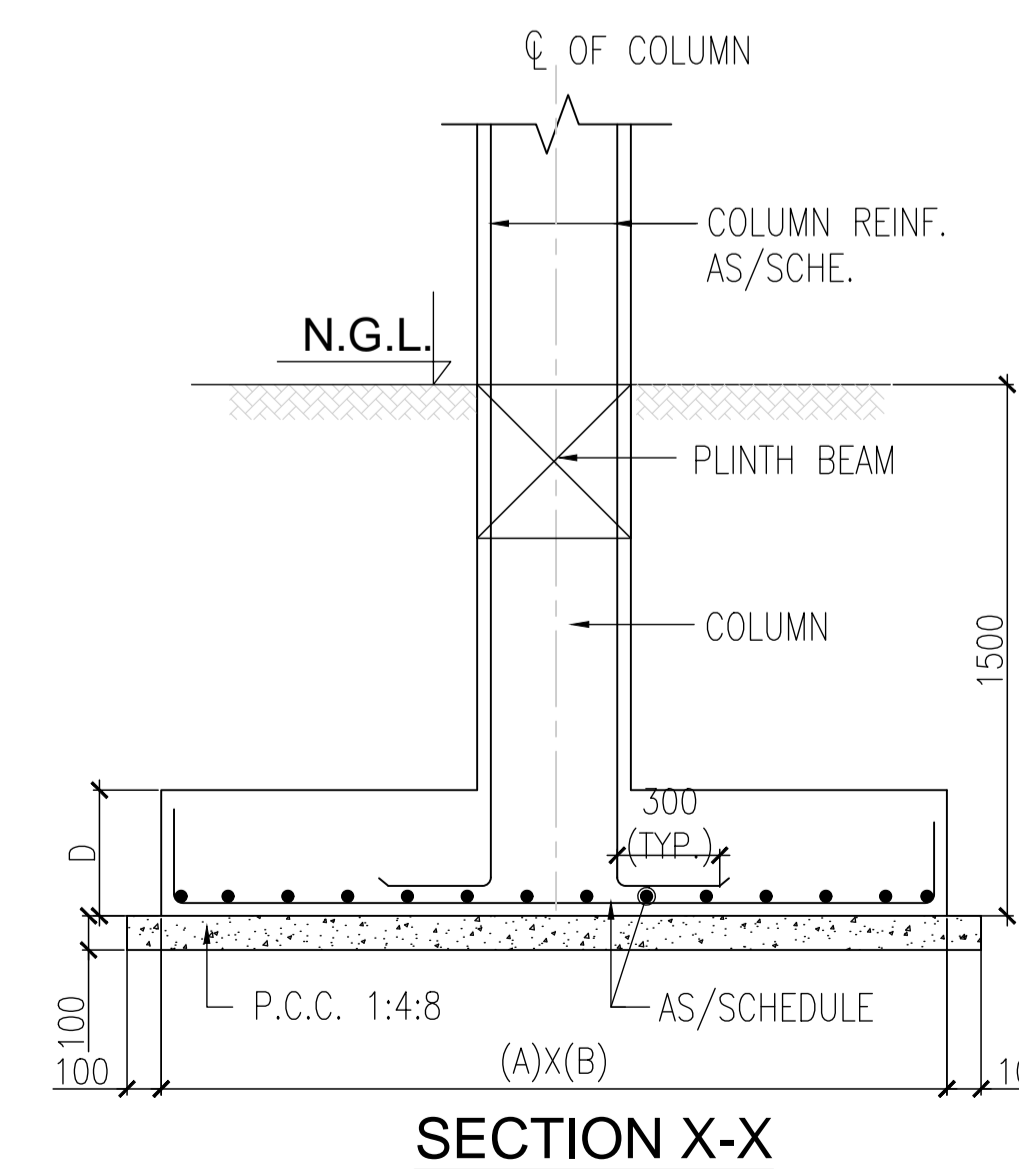
**TYP. ISOLETED FOOTINGS PLAN**

**SCHEDULE OF ISOLATED FOOTINGS**

S.NO	FOOTING MARKED	CONCRETE DIMENSION			REINF. PARELLEL TO		REMARK.
		LONG SIDE (A)	SHORT SIDE (B)	DEPTH (D)	TOP REINF. BOTH WAYS	BOTTOM REINF. BOTH WAYS	
1.	F1	2000	1700	450	-	12# @150 C/C	
2.	F2	2100	2100	500	-	12# @125 C/C	
3.	F3	1800	1800	450	-	12# @150 C/C	
4.	CF1	5400	1850	450	12# @200 C/C	12# @125 C/C	

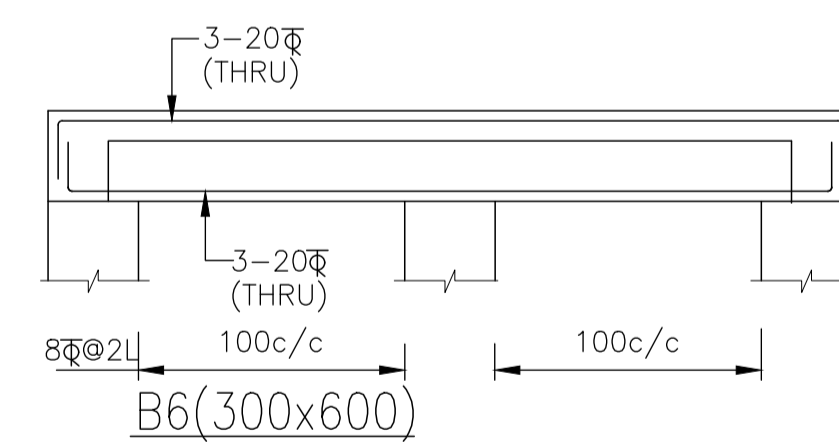
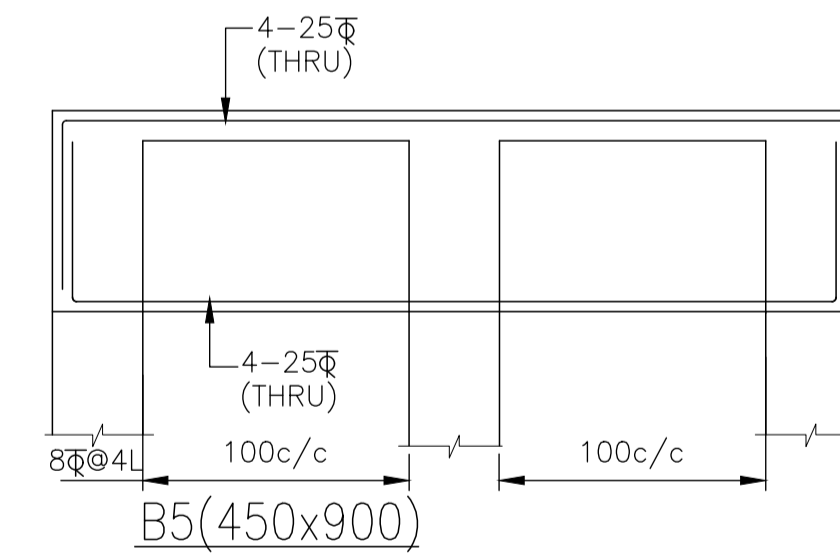
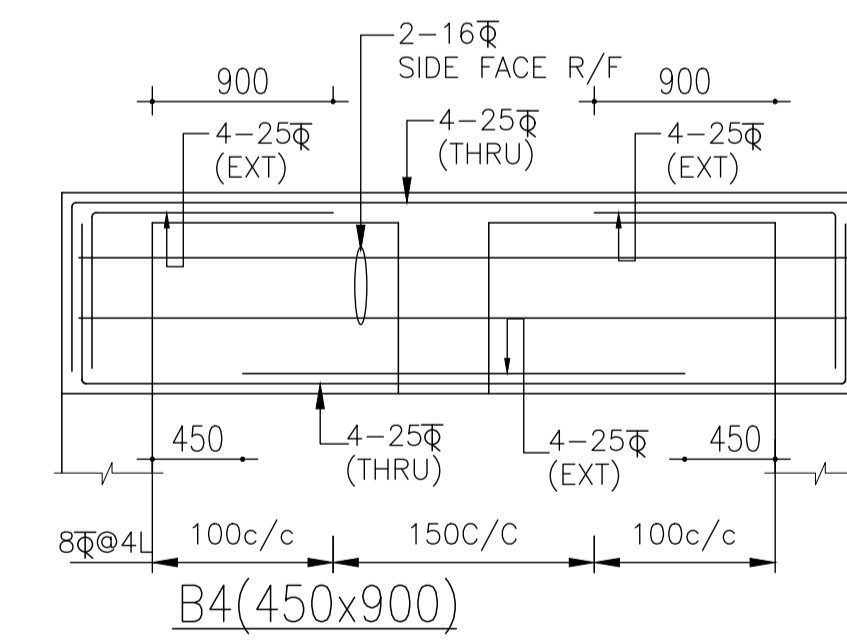
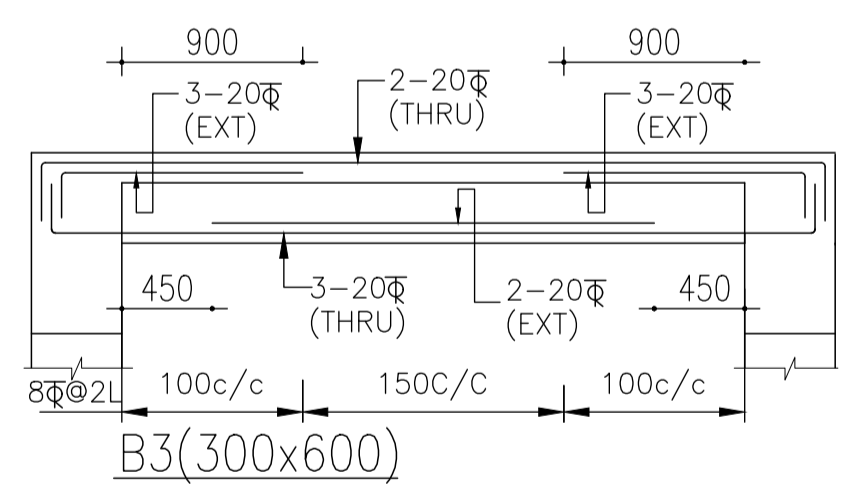
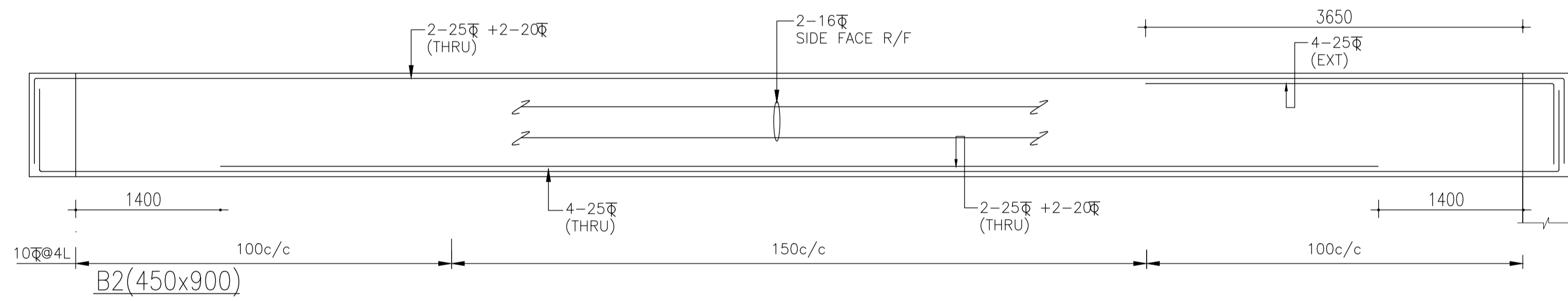
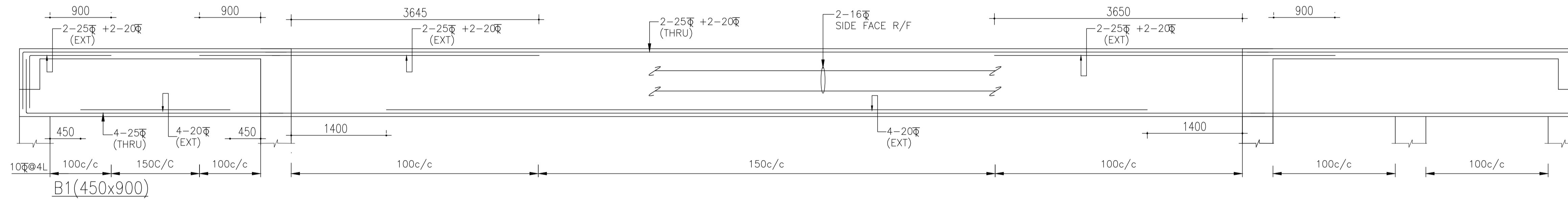
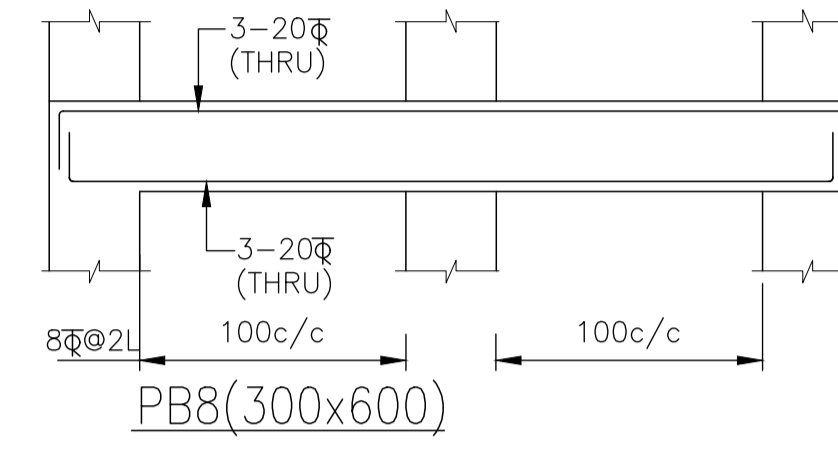
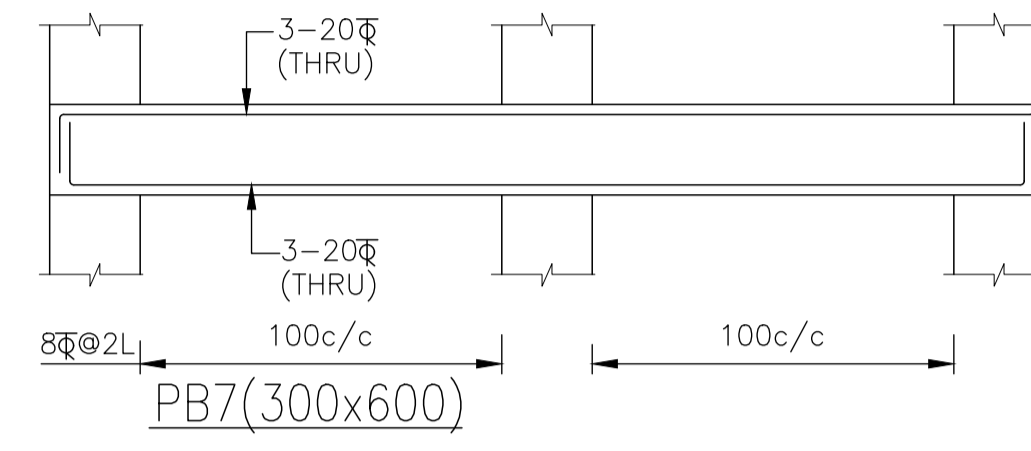
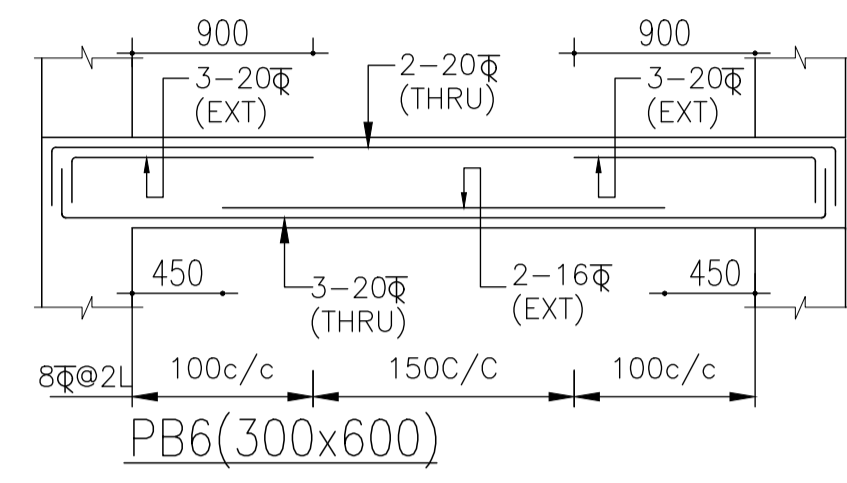
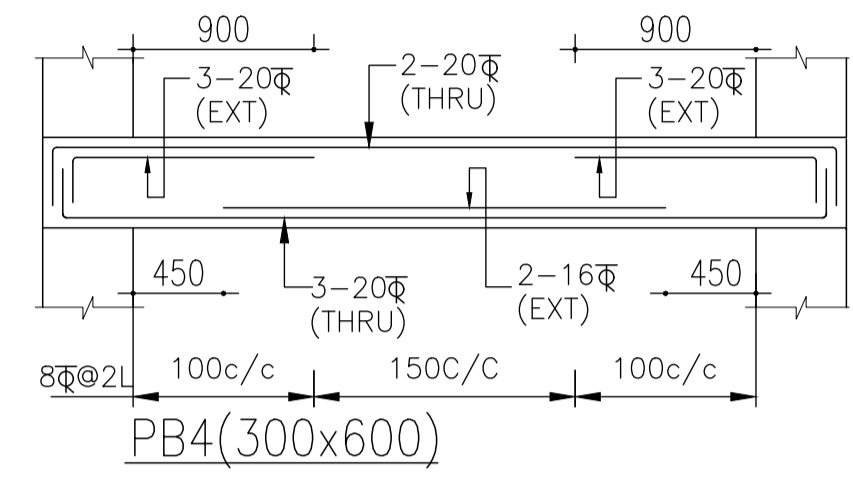
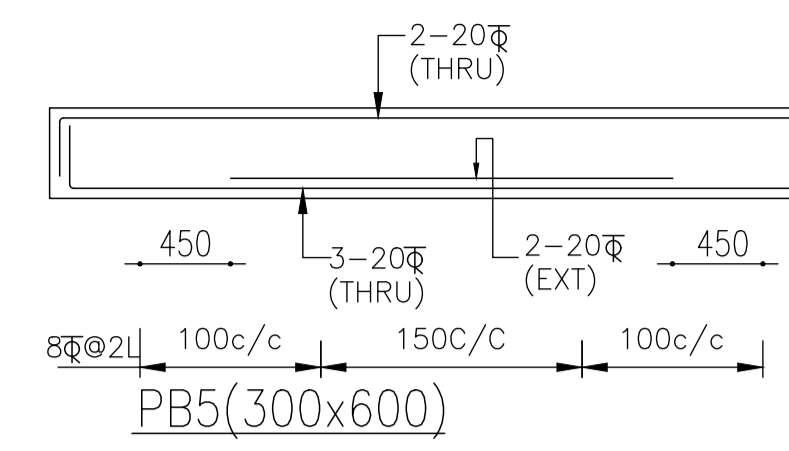
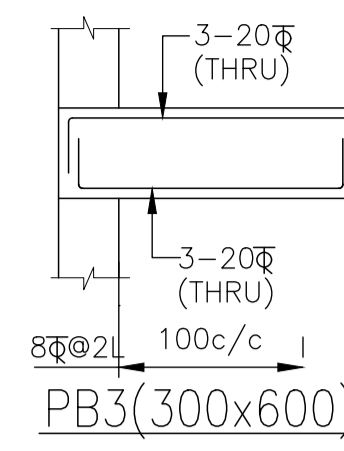
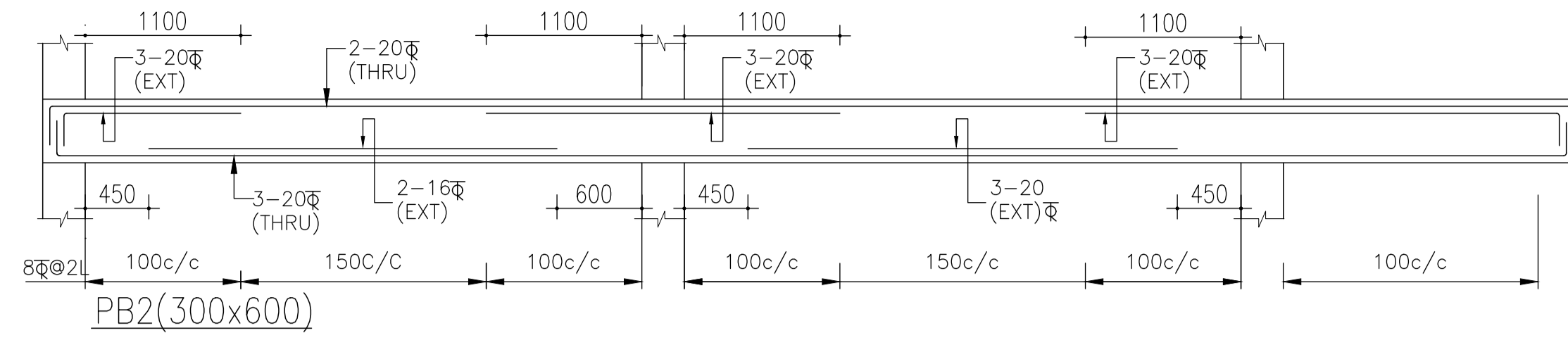
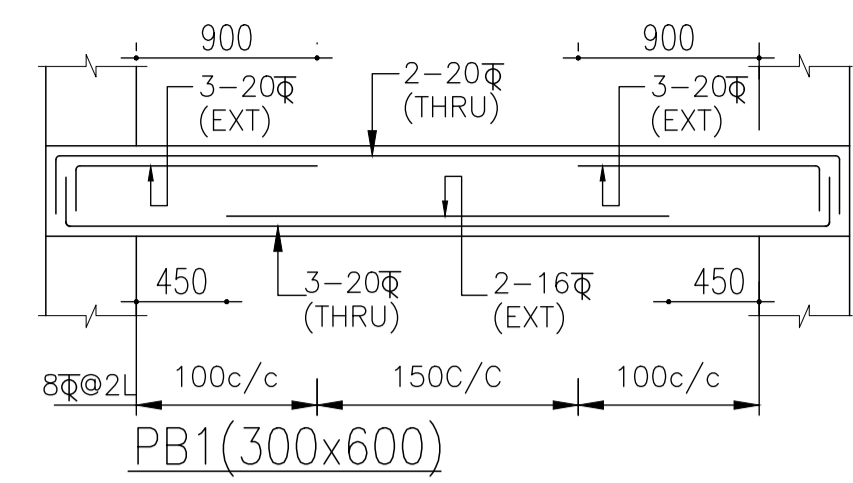


**TYP. COMBIEND FOOTING DETAIL**



**SECTION X-X**

sl.no.	date	description
REVISIONS		
CLIENT :-		
ARCHITECT:		
STRUCTURAL CONSULTANT:		
 <small>11/165 SECTOR-11, VASUNDHARA, GHAZIABAD PH :-9810575453 email:- perceptions.str@gmail.com</small>		
PROJECT.		
BUILDING TYPE:		Drawing Issued
Drawing Title		
GATE GUARD ROOM FOUNDATION & SLAB DETAILS		
Job. No.	Drg. No.	Revision
Scale	Date	S-01
1:100	08.06.19	R0
Drawn	Dealt	Checked
NARESH	SANJAY	SANJAY
		GM/Arch



sl.no.	date	description
--------	------	-------------

REVISIONS		

CLIENT :-

ARCHITECT:

STRUCTURAL CONSULTANT:



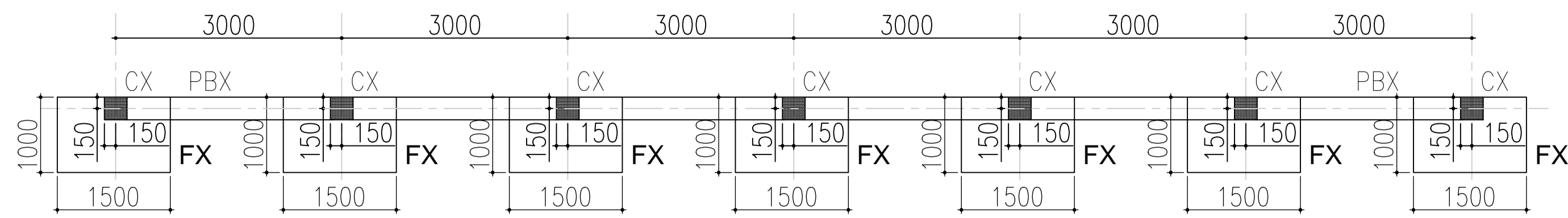
**PERCEPTIONS**  
 11/165 SECTOR-11, VASUNDHARA,  
 GHAZIABAD  
 PH :- 981 0575453  
 email:- perceptions.str@gmail.com

PROJECT.

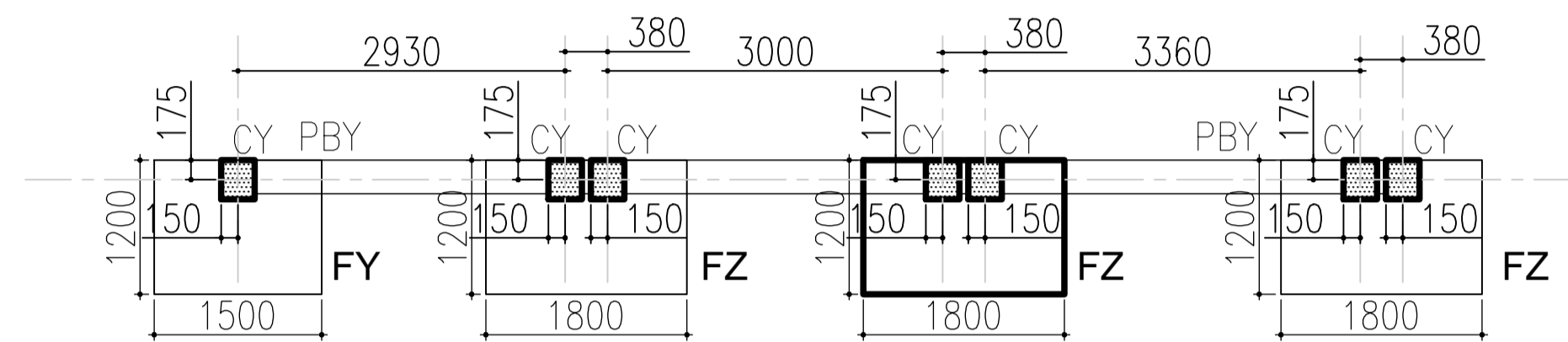
BUILDING TYPE: Drawing Issued

Drawing Title  
**GATE GUARD ROOM  
 BEAM DETAILS**

Job. No.	Drg. No.	Revision
Scale 1:100	Date 08.06.19	S-02
Drawn NARESH	Dealt SANJAY	Checked SANJAY
		GM/Arch



FOUNDATION PLAN  
BOUNDARY WALL-1



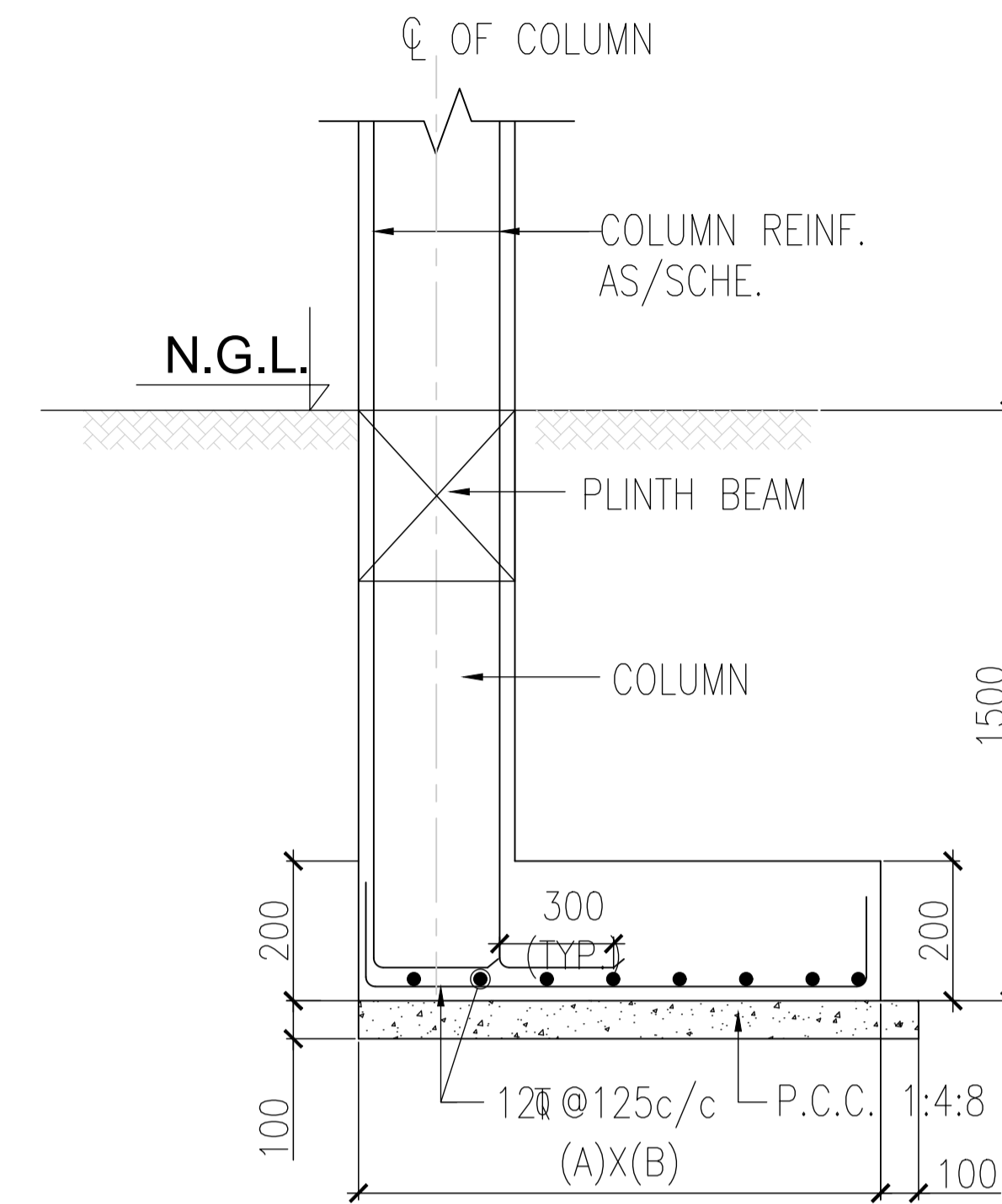
FOUNDATION PLAN  
BOUNDARY WALL-2

SCHEDULE OF ISOLATED FOOTINGS

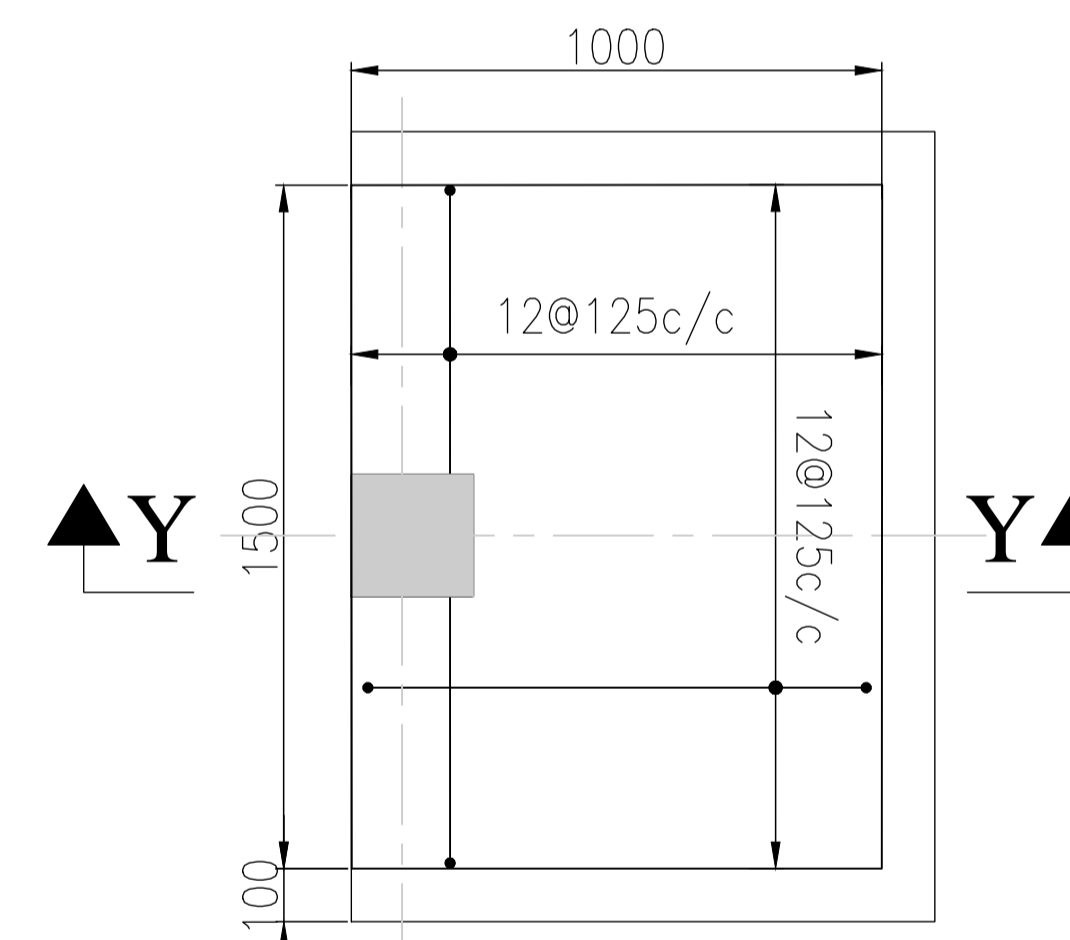
S.NO.	FOOTING MARKED	CONCRETE DIMENSION			REINF. PARELLEL TO		REMARK.
		LONG SIDE (A)	SHORT SIDE (B)	DEPTH (D)	TOP REINF. BOTH WAYS	BOTTOM REINF. BOTH WAYS	
1.	FX	1500	1000	300	-	12 $\phi$ @125 C/C	
2.	FY	1500	1200	350	-	12 $\phi$ @125 C/C	
3.	FZ	1800	1200	400	-	12 $\phi$ @125 C/C	

COLUMN SCHEDULE

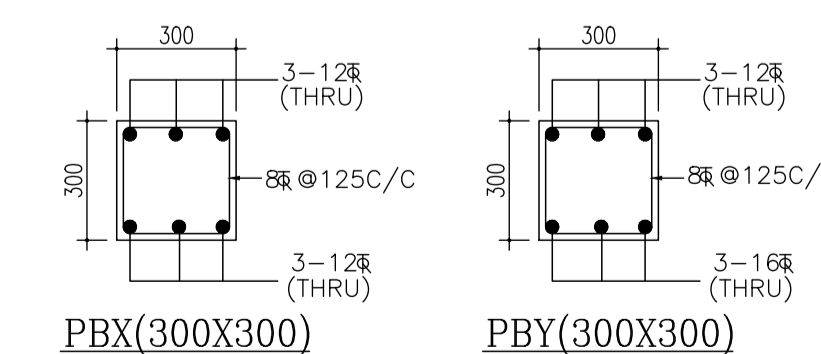
COL. NO.	COL. SIZE	REINFORCEMENT			SECTION	SHAPE OF TIES
		LONGITUDINAL	SET OF TIES			
			IN ZONE 'A'	IN ZONE 'B'		
CX	300x300	8 NOS#16	#8@75c/c	#8@150c/c		
CY	300x350	8 NOS#16	#8@75c/c	#8@150c/c		



TYP. FOOTING SECTION  
SECTION Y-Y



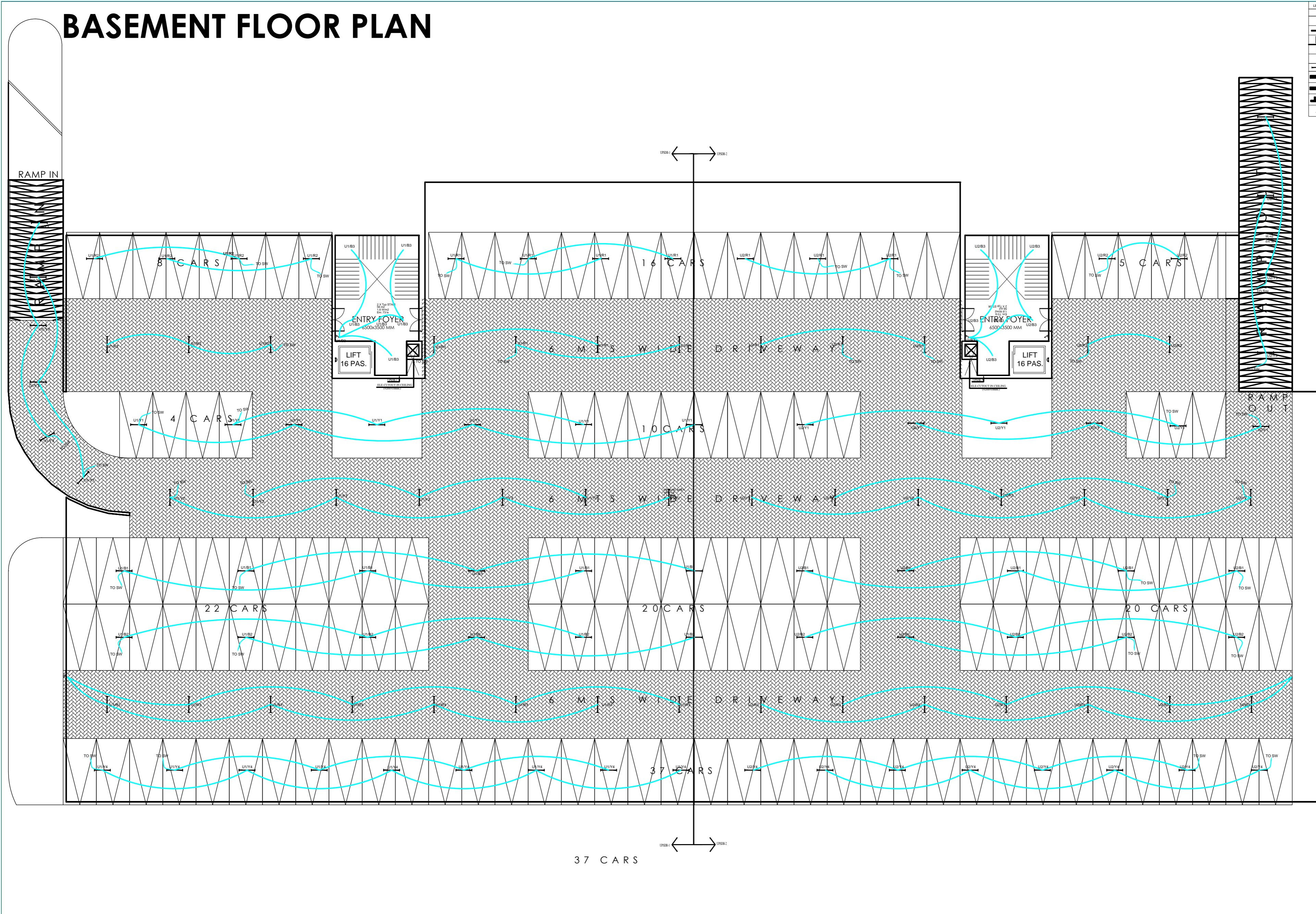
TYP. FOOTING PLAN



sl.no.	date	description
REVISIONS		
CLIENT :-		
ARCHITECT:		
STRUCTURAL CONSULTANT:		
 <small>11/165 SECTOR-11, VASUNDHARA, GHAZIABAD PH :-9810575453 email:- perceptions.str@gmail.com</small>		
PROJECT.		
BUILDING TYPE:		Drawing Issued
Drawing Title		
BOUNDRY WALL DETAILS(1&2)		
Job. No.	Drg. No.	Revision
Scale	Date	<b>R0</b>
1:100	08.06.19	S-03
Drawn NARESH	Dealt SANJAY	Checked SANJAY
		GM/Arch

# I) LIGHTING LAYOUT

# BASEMENT FLOOR PLAN



LEGEND:	DESCRIPTION
	12W SURFACE MOUNT ROUND LED DOWNLIGHTER
	30W 4FT LINEAR LED LUMINAIRE
	3WV RECESSES MOUNTED DIRECT LEDx32 LUMINAIRE
	12W RECESSES MOUNTED ROUND LED DOWNLIGHTER
	1x18W LED RECESSES DOWNLIGHTER
	1x40W LED SURFACE MOUNTED BATTEN LUMINAIRE
	30W SUSPENDED LINEAR LED FIXTURE
	30W RECESS MOUNTED LINEAR LED FIXTURE
	30W RECESS MOUNTED LINEAR LED FIXTURE
	BULK HAND LIGHT

MEP CONSULTANT:-  
  
**SPASS Engineers**  
 MEP Consultants & Project Managers  
 D-12, Nangli Vihar, Nangli Sakrawati,  
 New Delhi, -110043, Ph No-981581648

**SPACE ACE**  
 ARCHITECTS, ENGINEERS  
 & PLANNERS  
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 D . L . F . CITY  
 GURGAON, HARYANA - 124002  
 PH - 0124-4106618, FAX: 0124-2365329  
 E-MAIL : spaceace.india@gmail.com

APPROVED  
 KRISHNA  
 CHECKED  
 PRAHLAD  
 DRAWN: 1  
 MONU  
 2024  
 65329  
 19  
 .com  
 SCALE: NTS (A2)

PROJECT  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
 CLIENT  
**CCSHAU, HISAR**

BASEMENT FLOOR  
**EL-LIGHTING LAYOUT**

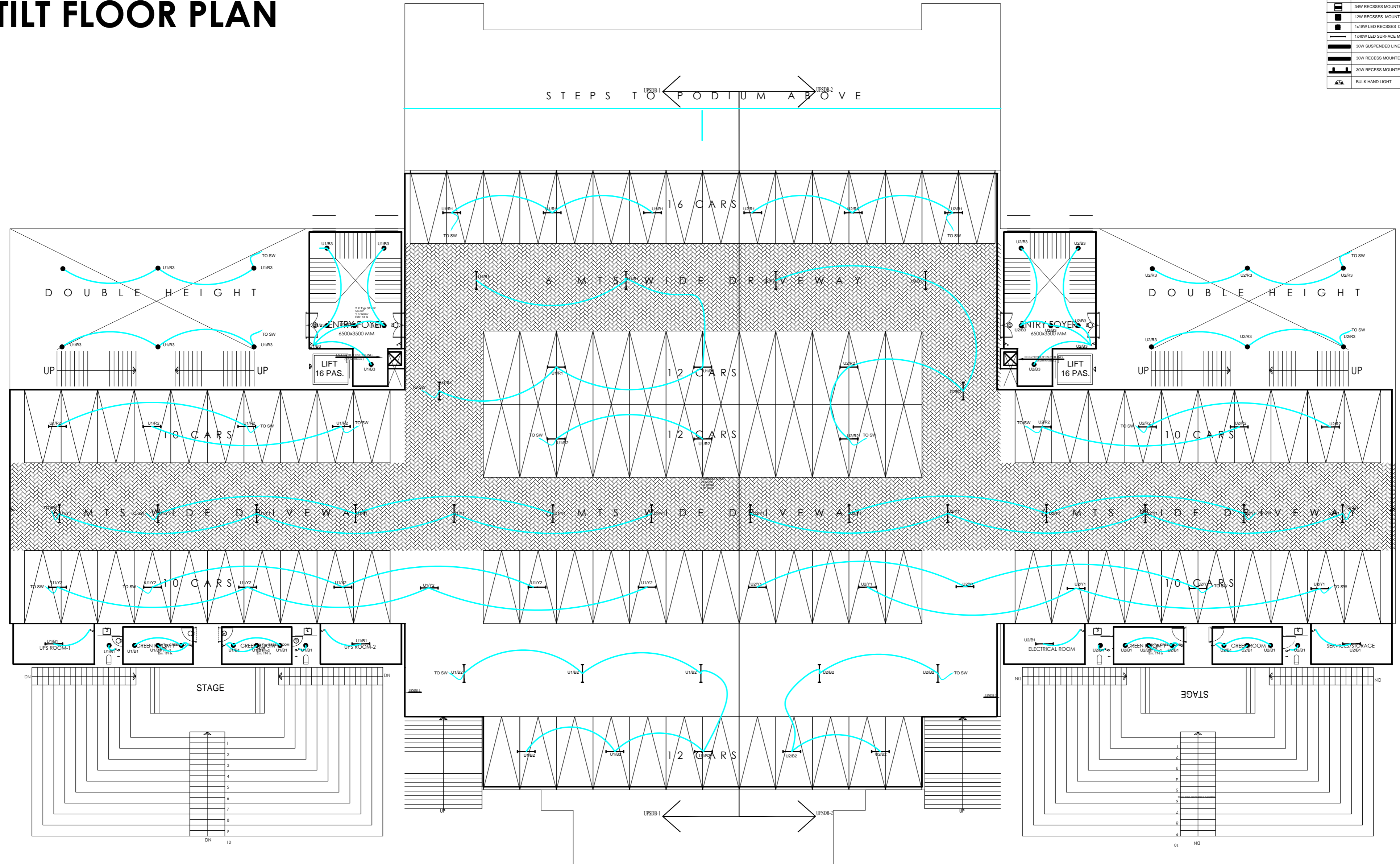
**GENERAL NOTES:**  
 1. ALL DIMENSION IN MM (MILLIMETRES) UNO.  
 2. DO NOT SCALE THE DRAWING.  
 3. REFER TO OTHER DRAWINGS WHERE CROSS REFERENCES ARE INDICATED.  
 4. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL, E&M SERVICES & SYSTEM DRAWINGS.  
 5. FOR CLARIFICATIONS / DISCREPANCIES RAISE A TECHNICAL QUERY TO ARCHITECT.  
 6. REFER PROJECT DRAWING REGISTER TO ENSURE THAT YOU HAVE LATEST REVISION.

REVISION HISTORY		
NO.	DATE	DESCRIPTION



# STILT FLOOR PLAN

LEGEND:	DESCRIPTION
	ONE WAY SWITCH BOARD
	15W SURFACE MOUNT ROUND LED DOWNLIGHTER
	30W 4FT LINEAR LED LUMINAIRE
	3W RECESSES MOUNTED DIRECT LED X2 LUMINAIRE
	12W RECESSES MOUNTED ROUND LED DOWNLIGHTER
	1x18W LED RECESSES DOWNLIGHTER
	1x40W LED SURFACE MOUNTED BATTEN LUMINAIRE
	30W SUSPENDED LINEAR LED FIXTURE
	30W RECESS MOUNTED LINEAR LED FIXTURE
	30W RECESS MOUNTED LINEAR LED FIXTURE
	BULK HAND LIGHT



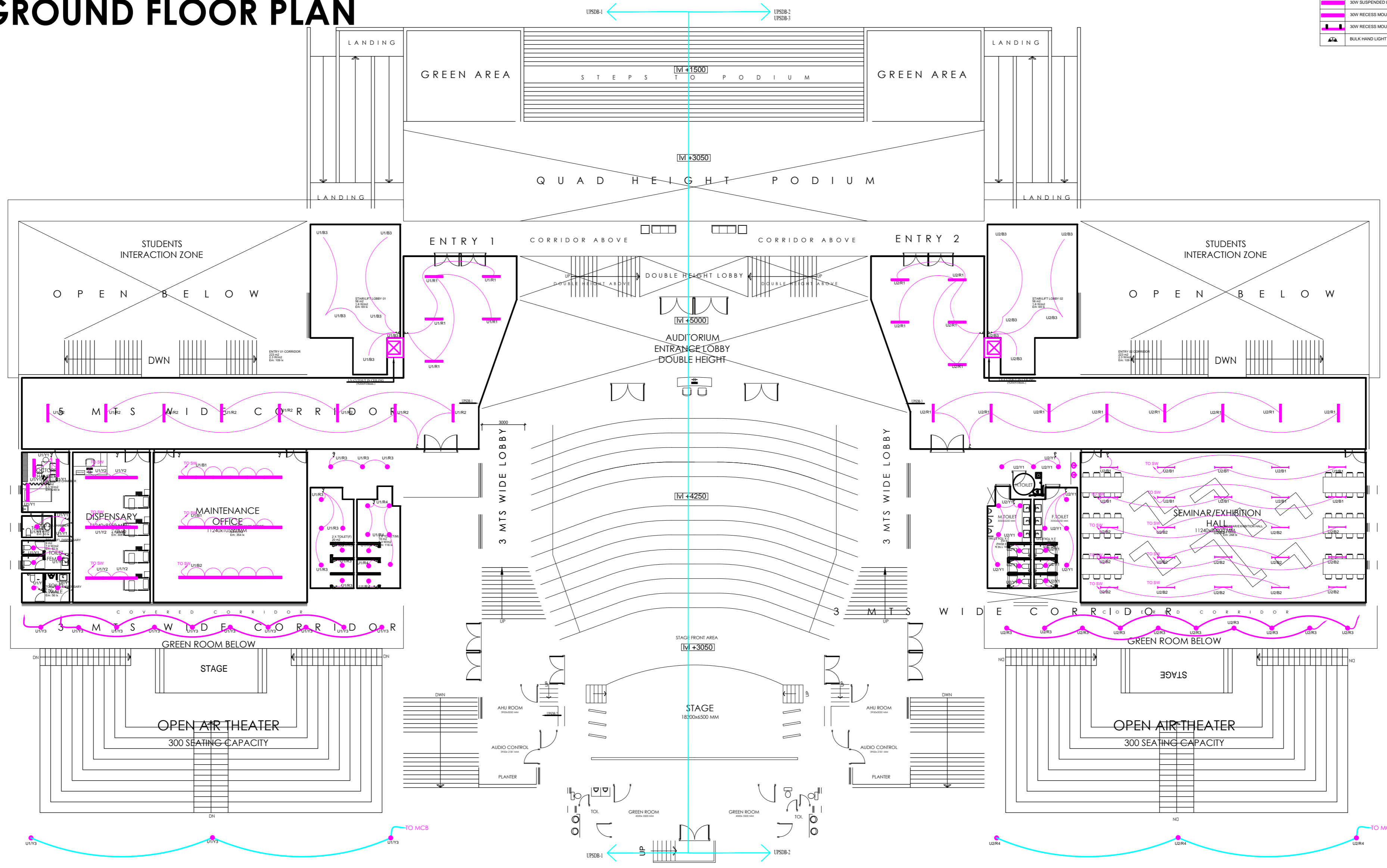
92 CAR PARKING  
BUILT UP AREA- 2939.42 SQM

AC  
1  
2

MEP CONSULTANT:-  <b>SPASS Engineers</b> MEP Consultants & Project Managers D-12, Nangli Vihar, Nangli Sakrawati, New Delhi, -110043, Ph No-981581648	<b>SPACE ACE</b> ARCHITECTS, ENGINEERS & PLANNERS V - 20 A D . L . F . CITY GURGAON, HARYANA - 124002 PH - 0124-4106618, FAX: 0124-2365329 E-MAIL : spaceace.india@gmail.com	APPROVED KRISHNA	PROJECT <b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>  CLIENT <b>CCSHAU, HISAR</b>	STILT FLOOR  <b>EL-LIGHTING LAYOUT</b>	<b>GENERAL NOTES:</b> 1. ALL DIMENSION IN MM (MILLIMETRES) UNO. 2. DO NOT SCALE THE DRAWING. 3. REFER TO OTHER DRAWINGS WHERE CROSS REFERENCES ARE INDICATED. 4. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL, E&M SERVICES & SYSTEM DRAWINGS. 5. FOR CLARIFICATIONS / DISCREPANCIES RAISE A TECHNICAL QUERY TO ARCHITECT. 6. REFER PROJECT DRAWING REGISTER TO ENSURE THAT YOU HAVE LATEST REVISION.	REVISION HISTORY	
		CHECKED PRAHLAD				NO. DATE DESCRIPTION	NO. DATE DESCRIPTION

# GROUND FLOOR PLAN

LEGEND:	DESCRIPTION
	ONE WAY SWITCH BOARD
	15W SURFACE MOUNT ROUND LED DOWNLIGHTER
	30W 4FT LINEAR LED LUMINAIRE
	30W RECESSES MOUNTED DIRECT LED X2 LUMINAIRE
	12W RECESSES MOUNTED ROUND LED DOWNLIGHTER
	1x18W LED RECESSES DOWNLIGHTER
	1x40W LED SURFACE MOUNTED BATTEN LUMINAIRE
	30W SUSPENDED LINEAR LED FIXTURE
	30W RECESS MOUNTED LINEAR LED FIXTURE
	BULK HAND LIGHT



MEP CONSULTANT:-  
  
**SPASS Engineers**  
 MEP Consultants & Project Managers  
 D-12, Nangli Vihar, Nangli Sakrawati,  
 New Delhi, -110043, Ph No-981581648

**SPACE ACE**  
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 & PLANNERS  
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 D . L . F . CITY  
 GURGAON, HARYANA - 124002  
 PH - 0124-4106618, FAX: 0124-2365329  
 E-MAIL : spaceace.india@gmail.com

APPROVED  
 KRISHNA  
 CHECKED  
 PRAHLAD  
 DRAWN: 1  
 MONU  
 2023  
 16/02/23  
 SCALE: NTS (A2)

PROJECT  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
 CLIENT  
**CCSHAU, HISAR**

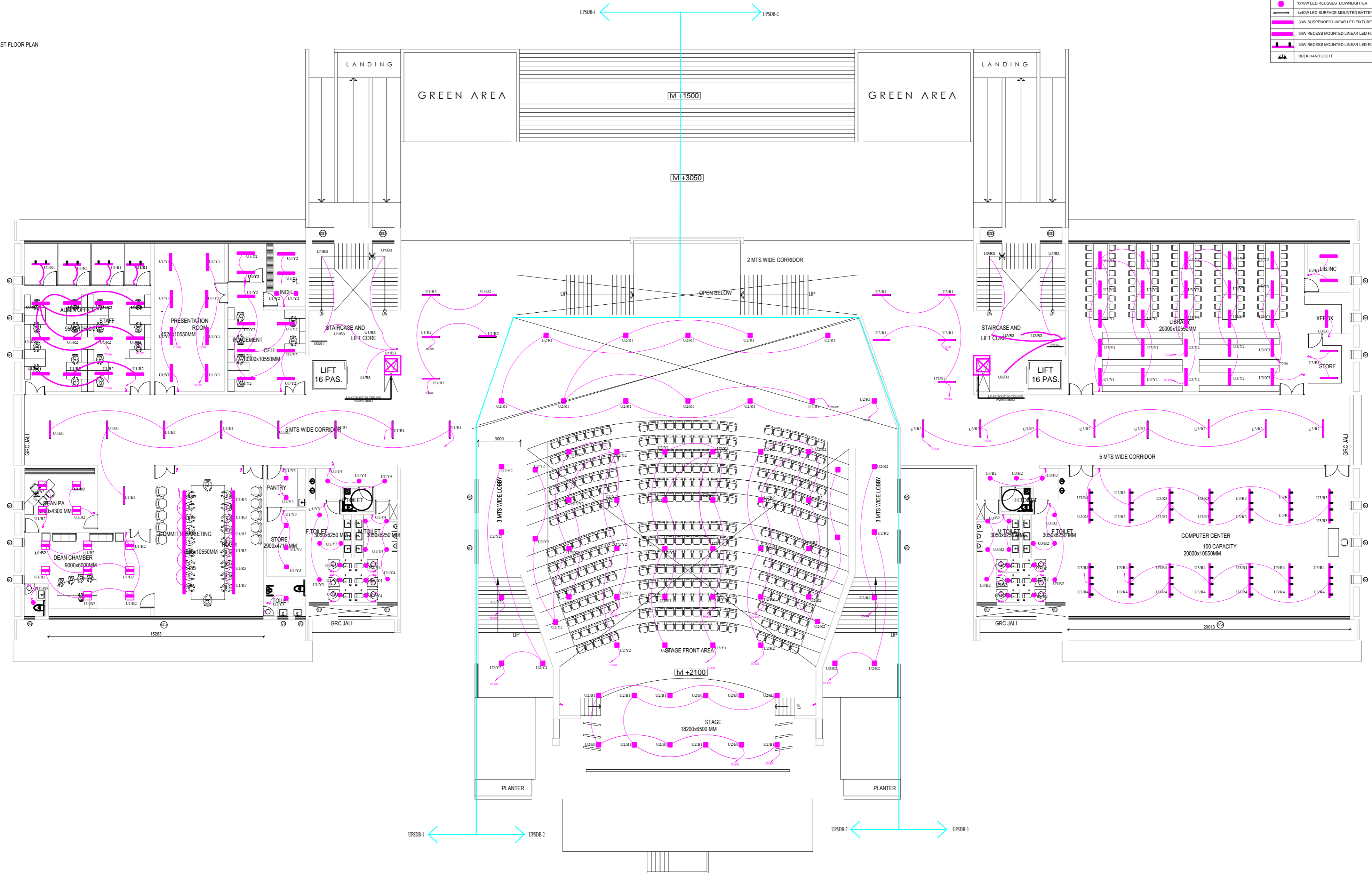
GROUND FLOOR  
**EL-LIGHTING LAYOUT**

GENERAL NOTES:  
 1. ALL DIMENSION IN MM (MILLIMETRES) UNO.  
 2. DO NOT SCALE THE DRAWING.  
 3. REFER TO OTHER DRAWINGS WHERE CROSS REFERENCES ARE INDICATED.  
 4. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL, E&M SERVICES & SYSTEM DRAWINGS.  
 5. FOR CLARIFICATIONS / DISCREPANCIES RAISE A TECHNICAL QUERY TO ARCHITECT.  
 6. REFER PROJECT DRAWING REGISTER TO ENSURE THAT YOU HAVE LATEST REVISION.

REVISION HISTORY		
NO.	DATE	DESCRIPTION

FIRST FLOOR PLAN

LEGEND:	DESCRIPTION
	ONE WAY SWITCH BOARD
	15W SURFACE MOUNT ROUND LED DOWNLIGHTER
	30W 4FT LINEAR LED LUMINAIRE
	30W RECESSES MOUNTED DIRECT LED X2 LUMINAIRE
	12W RECESSES MOUNTED ROUND LED DOWNLIGHTER
	1x18W LED RECESSES DOWNLIGHTER
	1x40W LED SURFACE MOUNTED BATTEN LUMINAIRE
	30W SUSPENDED LINEAR LED FIXTURE
	30W RECESS MOUNTED LINEAR LED FIXTURE
	BULK HAND LIGHT



MEP CONSULTANT:-  
  
**SPASS Engineers**  
 MEP Consultants & Project Managers  
 D-12, Nangli Vihar, Nangli Sakrawati,  
 New Delhi, -110043, Ph No-981581648

**SPACE ACE**  
 ARCHITECTS, ENGINEERS  
 & PLANNERS  
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 D . L . F . CITY  
 GURGAON, HARYANA - 124002  
 PH - 0124-4106618, FAX: 0124-2365329  
 E-MAIL : spaceace.india@gmail.com

APPROVED  
 KRISHNA  
 CHECKED  
 PRAHLAD  
 DRAWN -  
 MONU  
 2024  
 SCALE - MTS (A2)

PROJECT  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
 CLIENT  
**CCSHAU, HISAR**

FIRST FLOOR  
**EL-LIGHTING LAYOUT**

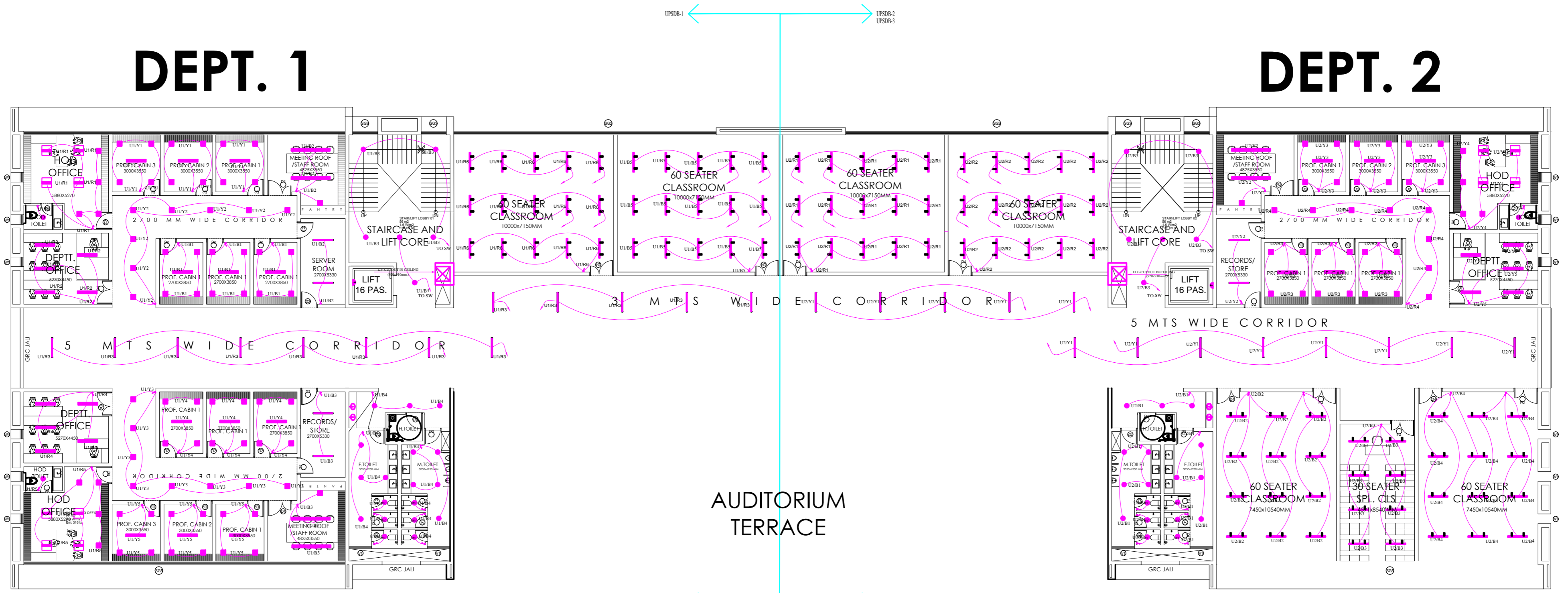
GENERAL NOTES:  
 1. ALL DIMENSION IN MM (MILLIMETRES) UNO.  
 2. DO NOT SCALE THE DRAWING.  
 3. REFER TO OTHER DRAWINGS WHERE CROSS REFERENCES ARE INDICATED.  
 4. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL, E&M SERVICES & SYSTEM DRAWINGS.  
 5. FOR CLARIFICATIONS / DISCREPANCIES RAISE A TECHNICAL QUERY TO ARCHITECT.  
 6. REFER PROJECT DRAWING REGISTER TO ENSURE THAT YOU HAVE LATEST REVISION.

REVISION HISTORY		
NO.	DATE	DESCRIPTION

LEGEND:	DESCRIPTION
	ONE WAY SWITCH BOARD
	15W SURFACE MOUNT ROUND LED DOWNLIGHTER
	30W 4FT LINEAR LED LUMINAIRE
	3WV RECESSES MOUNTED DIRECT LED X2 LUMINAIRE
	12W RECESSES MOUNTED ROUND LED DOWNLIGHTER
	1x18W LED RECESSES DOWNLIGHTER
	1x40W LED SURFACE MOUNTED BATTEN LUMINAIRE
	30W SUSPENDED LINEAR LED FIXTURE
	30W RECESS MOUNTED LINEAR LED FIXTURE
	30W RECESS MOUNTED LINEAR LED FIXTURE
	BULK HAND LIGHT

# DEPT. 1

# DEPT. 2



# DEPT. 3

AUDITORIUM  
TERRACE

MEP CONSULTANT:-  
  
**SPASS Engineers**  
 MEP Consultants & Project Managers  
 D-12, Nangli Vihar, Nangli Sakrawati,  
 New Delhi, -110043, Ph No-981581648

**SPACE ACE**  
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 & PLANNERS  
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 E-MAIL : spaceace.india@gmail.com

APPROVED  
 KRISHNA  
 CHECKED  
 PRAHLAD  
 DRAWN - 1  
 MONU  
 24/02/2019  
 SCALE - MTS (A2)

PROJECT  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
 CLIENT  
**CCSHAU, HISAR**

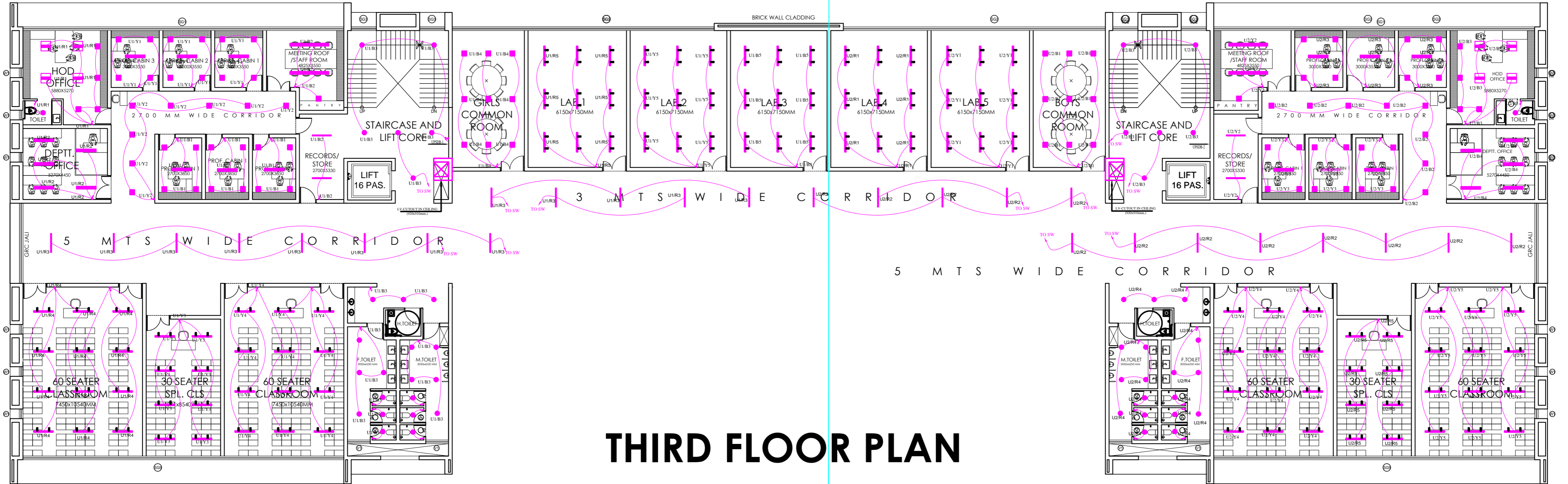
SECOND FLOOR  
**EL-LIGHTING LAYOUT**

**GENERAL NOTES:**  
 1. ALL DIMENSION IN MM (MILLIMETRES) UNO.  
 2. DO NOT SCALE THE DRAWING.  
 3. REFER TO OTHER DRAWINGS WHERE CROSS REFERENCES ARE INDICATED.  
 4. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL, E&M SERVICES & SYSTEM DRAWINGS.  
 5. FOR CLARIFICATIONS / DISCREPANCIES RAISE A TECHNICAL QUERY TO ARCHITECT.  
 6. REFER PROJECT DRAWING REGISTER TO ENSURE THAT YOU HAVE LATEST REVISION.

REVISION HISTORY		
NO.	DATE	DESCRIPTION

# DEPT. 4

# DEPT. 5



## THIRD FLOOR PLAN

MEP CONSULTANT:-  
  
**SPASS Engineers**  
 MEP Consultants & Project Managers  
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 New Delhi, -110043, Ph No-981581648

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 PRAHLAD  
 DRAWN -  
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 2019  
 SCALE - MTS (A2)

PROJECT  
**AGRI BUSINESS INSTITUTE, GURUGRAM**

CLIENT  
**CCSHAU, HISAR**

THIRD FLOOR

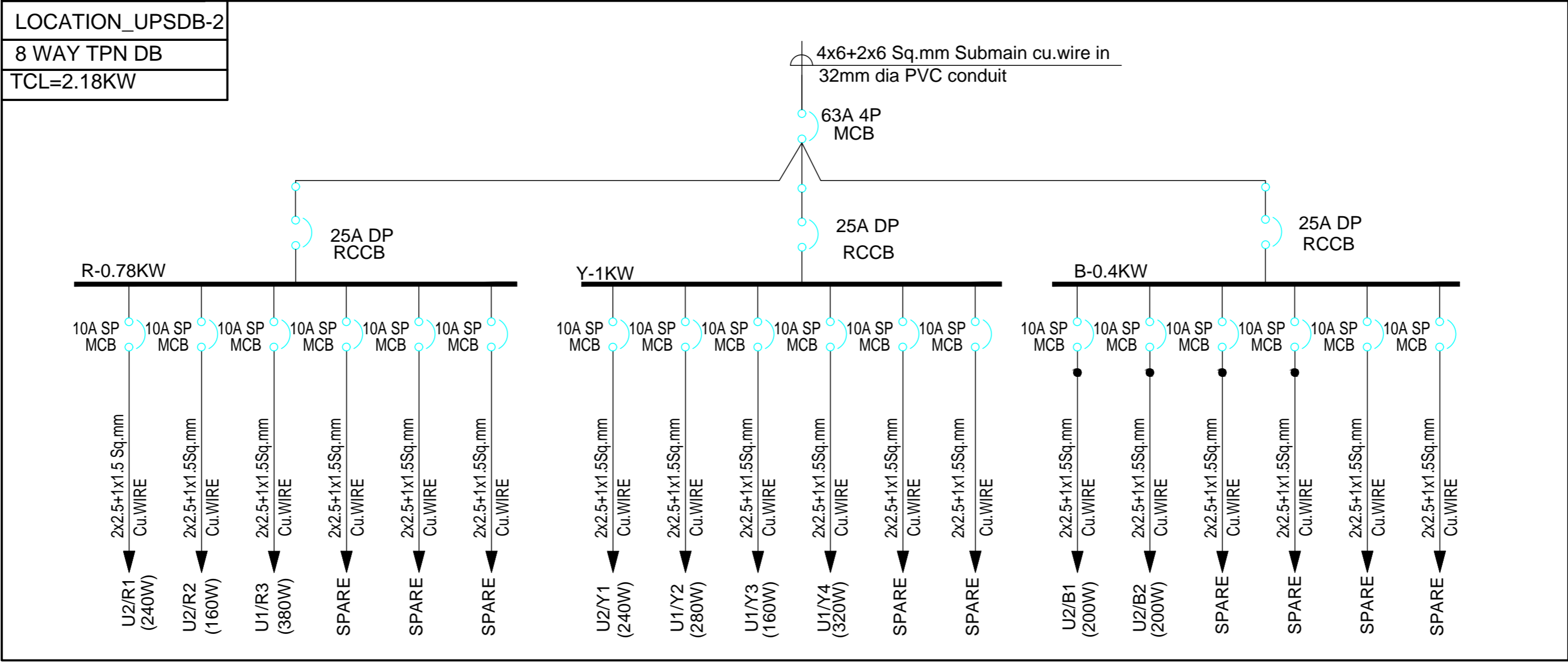
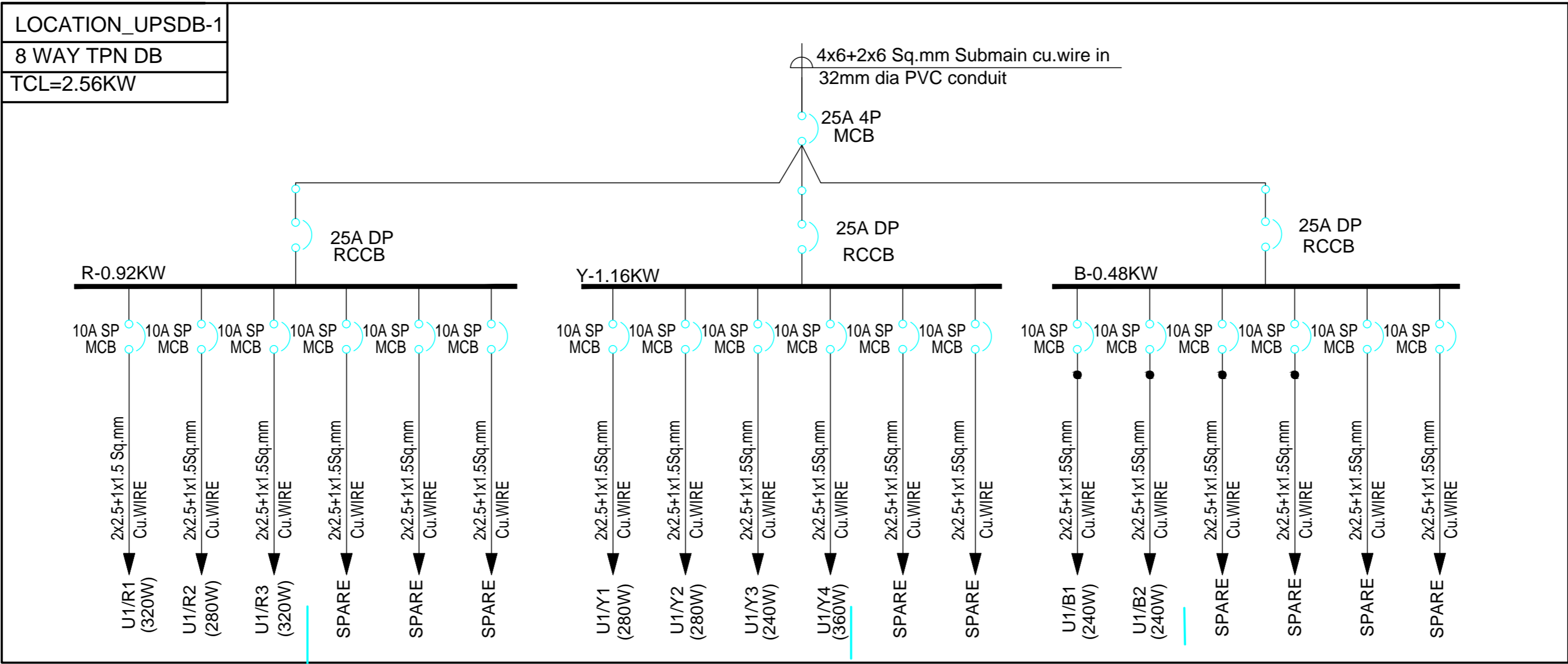
**EL-LIGHTING LAYOUT**

### GENERAL NOTES:

1. ALL DIMENSION IN MM (MILLIMETRES) UNO.
2. DO NOT SCALE THE DRAWING.
3. REFER TO OTHER DRAWINGS WHERE CROSS REFERENCES ARE INDICATED.
4. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL, E&M SERVICES & SYSTEM DRAWINGS.
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REVISION HISTORY		
NO.	DATE	DESCRIPTION

## J) ELECTRICAL DB DETAILS



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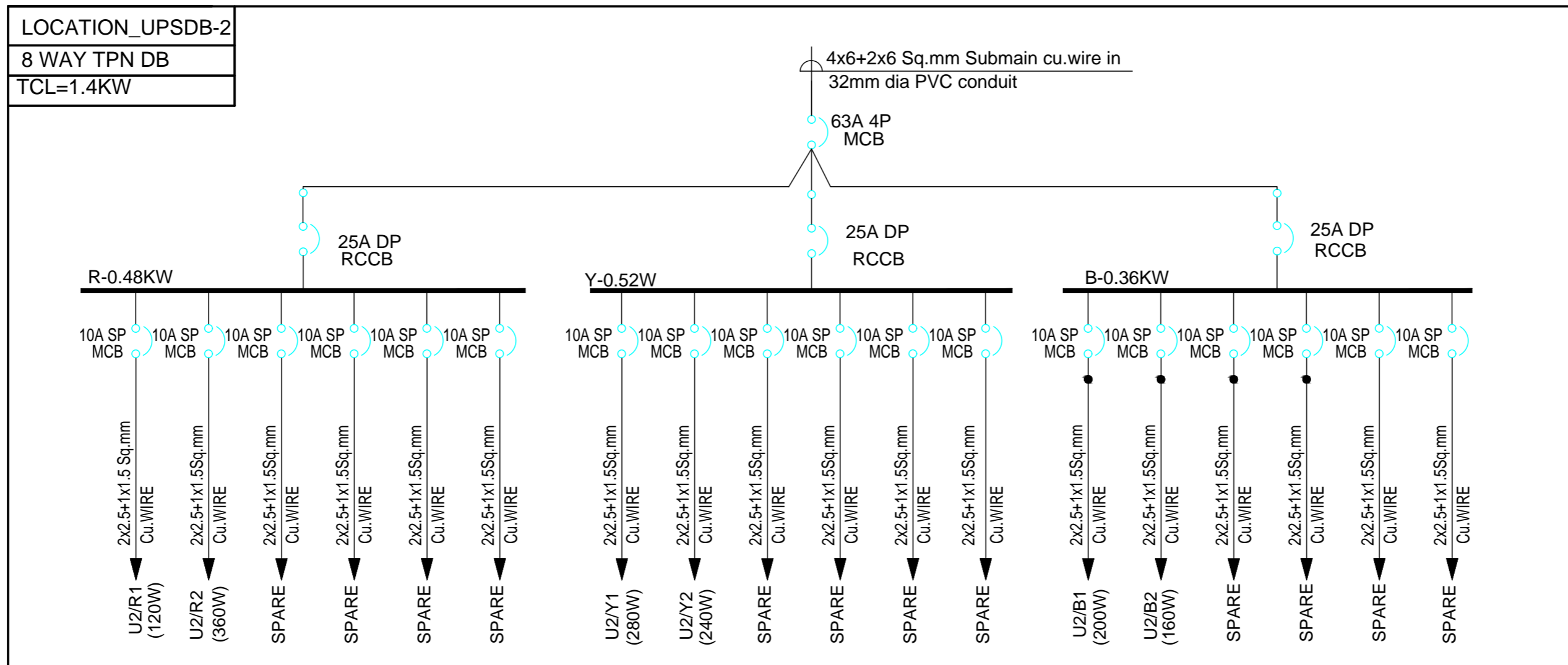
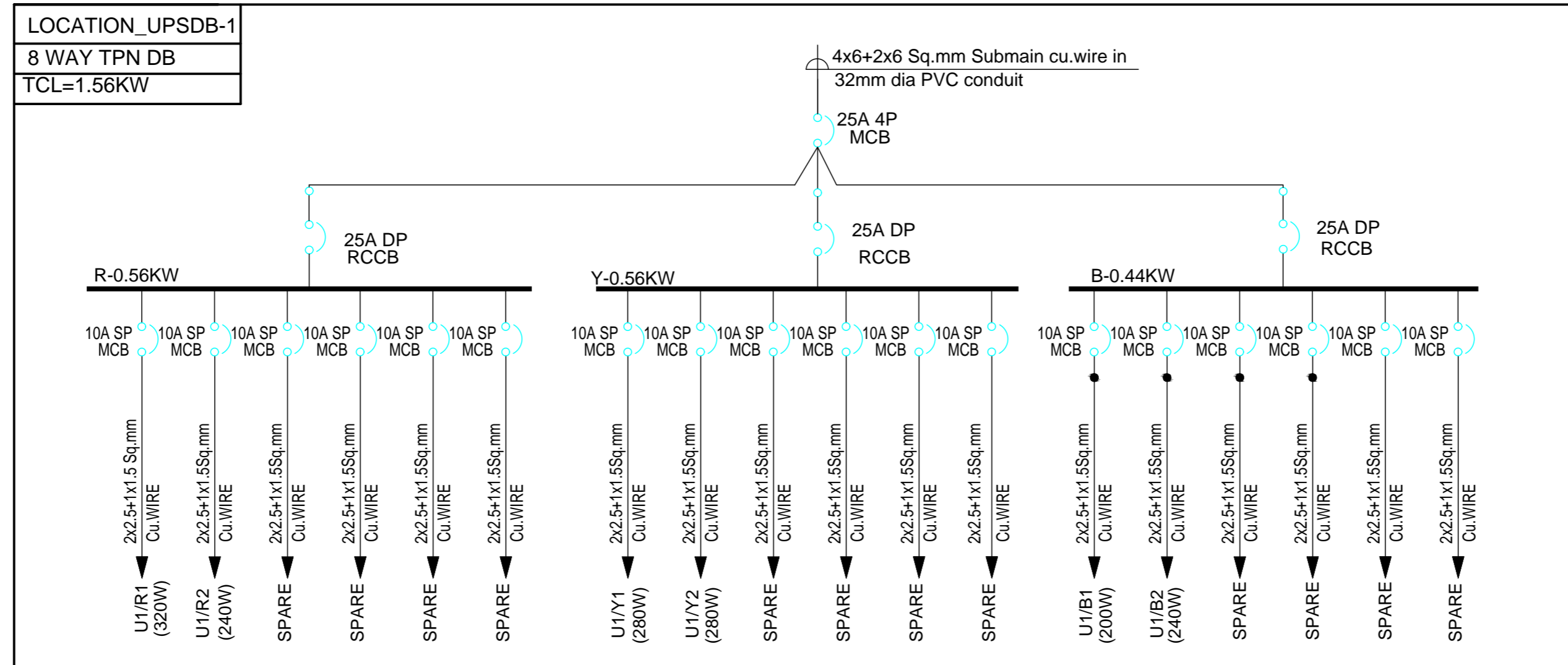
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 KRISHNA  
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 PRAHLAD  
 DRAWN:-  
 MONU  
 11/02/19  
 SCALE:- NTS (A2)

PROJECT  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
 CLIENT  
**CCSHAU, HISAR**

BASEMENT FLOOR  
**EL-DB DETAILS LAYOUT**

**GENERAL NOTES:**  
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NO.	DATE	DESCRIPTION



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 11/11/19  
 SCALE - NTS (A2)

PROJECT  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
 CLIENT  
**CCSHAU, HISAR**

STILT FLOOR

EL-DB DETAILS LAYOUT

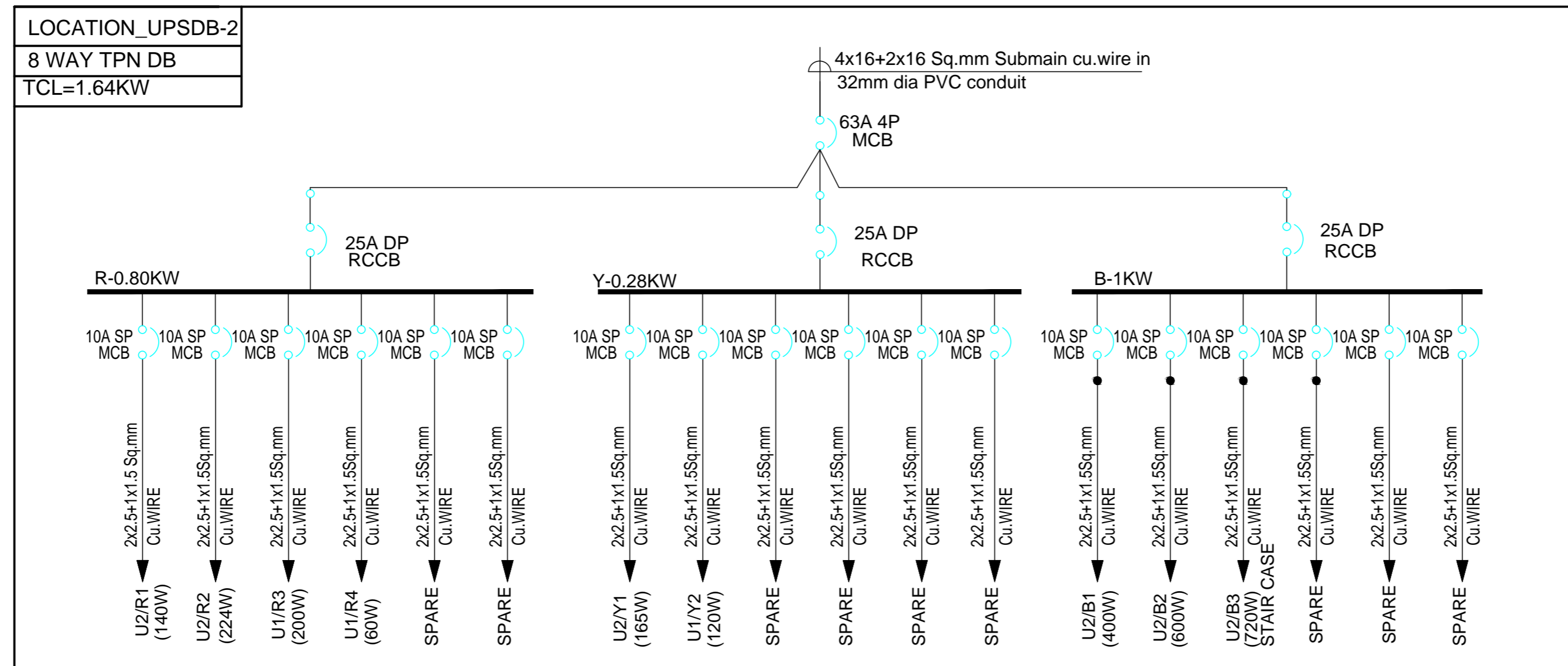
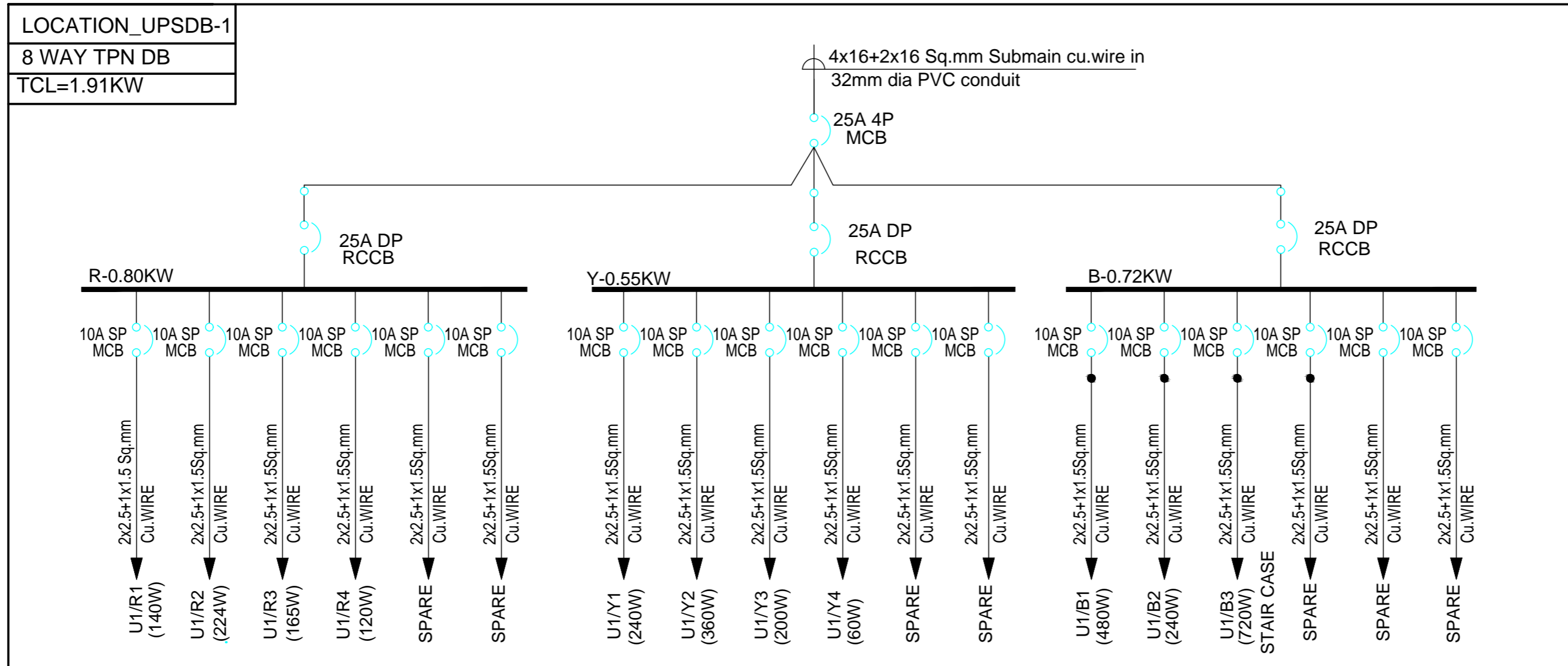
GENERAL NOTES:

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REVISION HISTORY

NO.	DATE	DESCRIPTION





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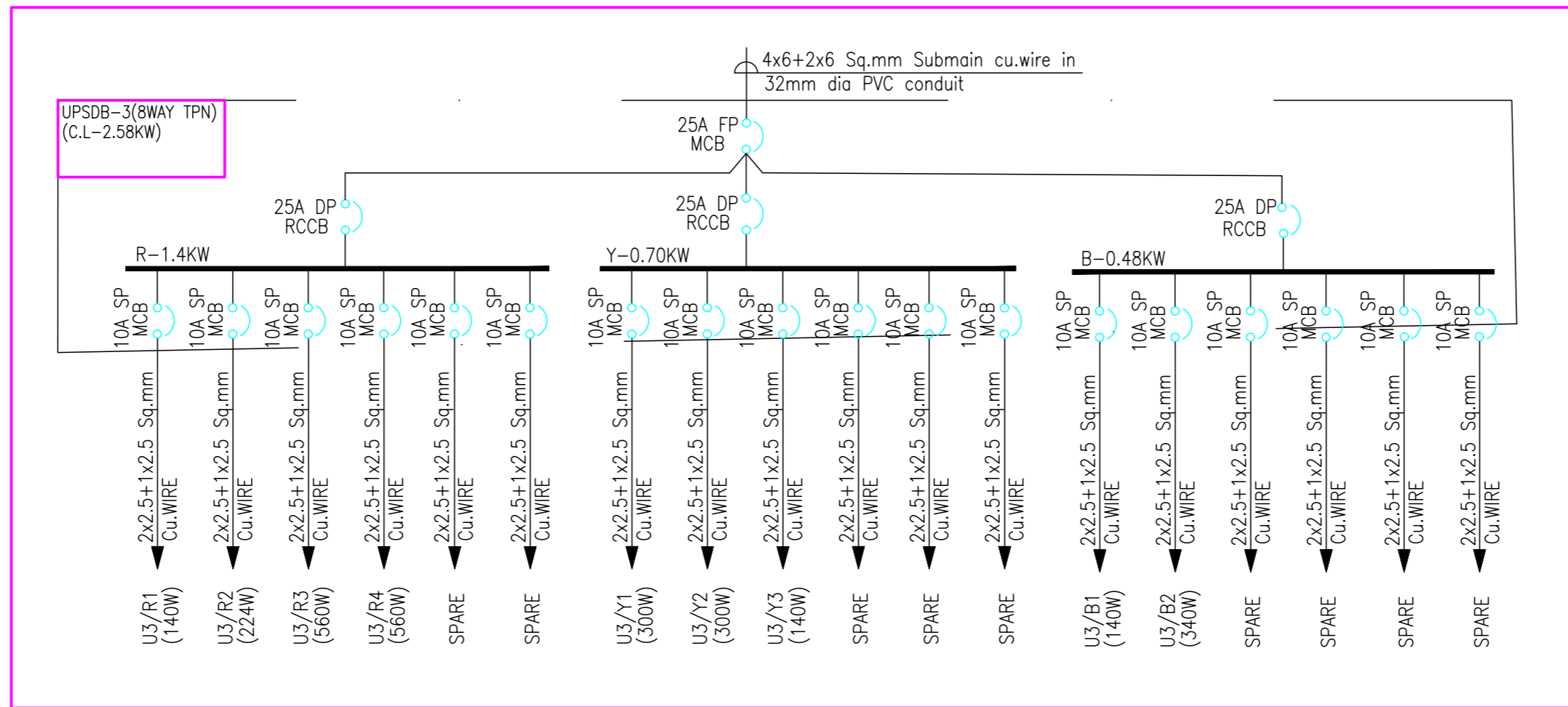
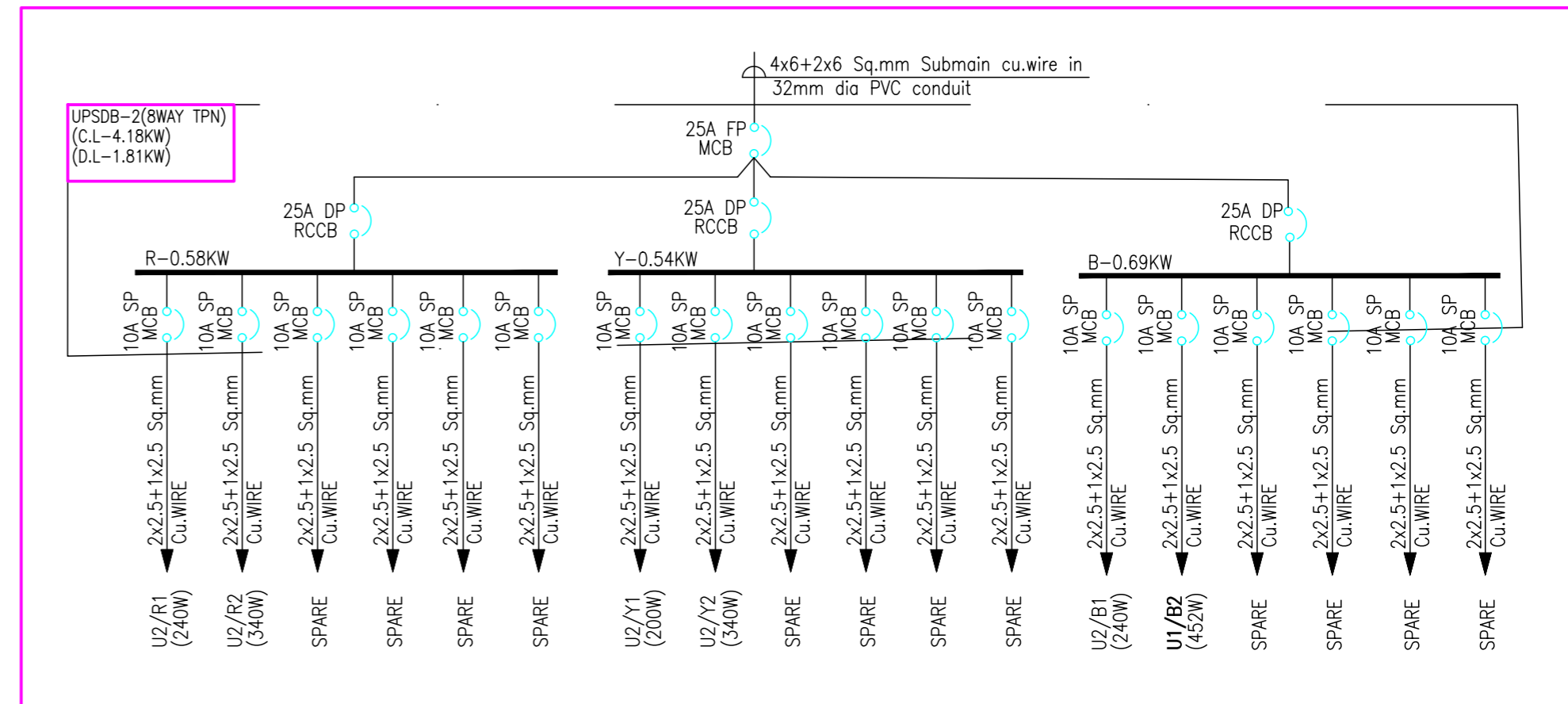
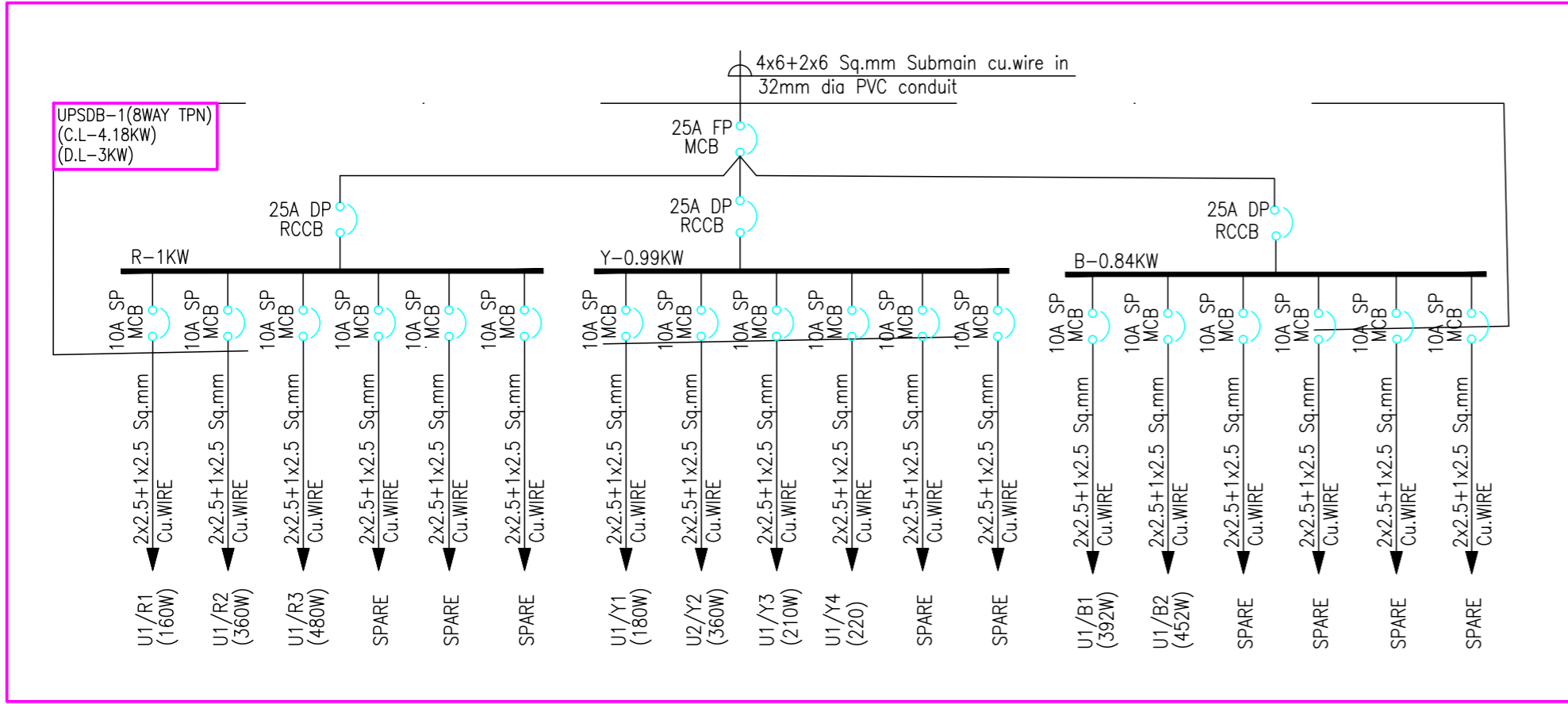
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 PRAHLAD  
 DRAWN -  
 MONU  
 SCALE - NTS (A2)

PROJECT  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
 CLIENT  
**CCSHAU, HISAR**

GROUND FLOOR  
**EL-DB DETAILS LAYOUT**

**GENERAL NOTES:**  
 1. ALL DIMENSION IN MM (MILLIMETRES) UNO.  
 2. DO NOT SCALE THE DRAWING.  
 3. REFER TO OTHER DRAWINGS WHERE CROSS REFERENCES ARE INDICATED.  
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REVISION HISTORY		
NO.	DATE	DESCRIPTION



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 MEP Consultants & Project Managers  
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 New Delhi, -110043, Ph No-981581648

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 & PLANNERS  
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 GURGAON, HARYANA - 124002  
 PH - 0124-4106618, FAX: 0124-2365329  
 E-MAIL : spaceace.india@gmail.com

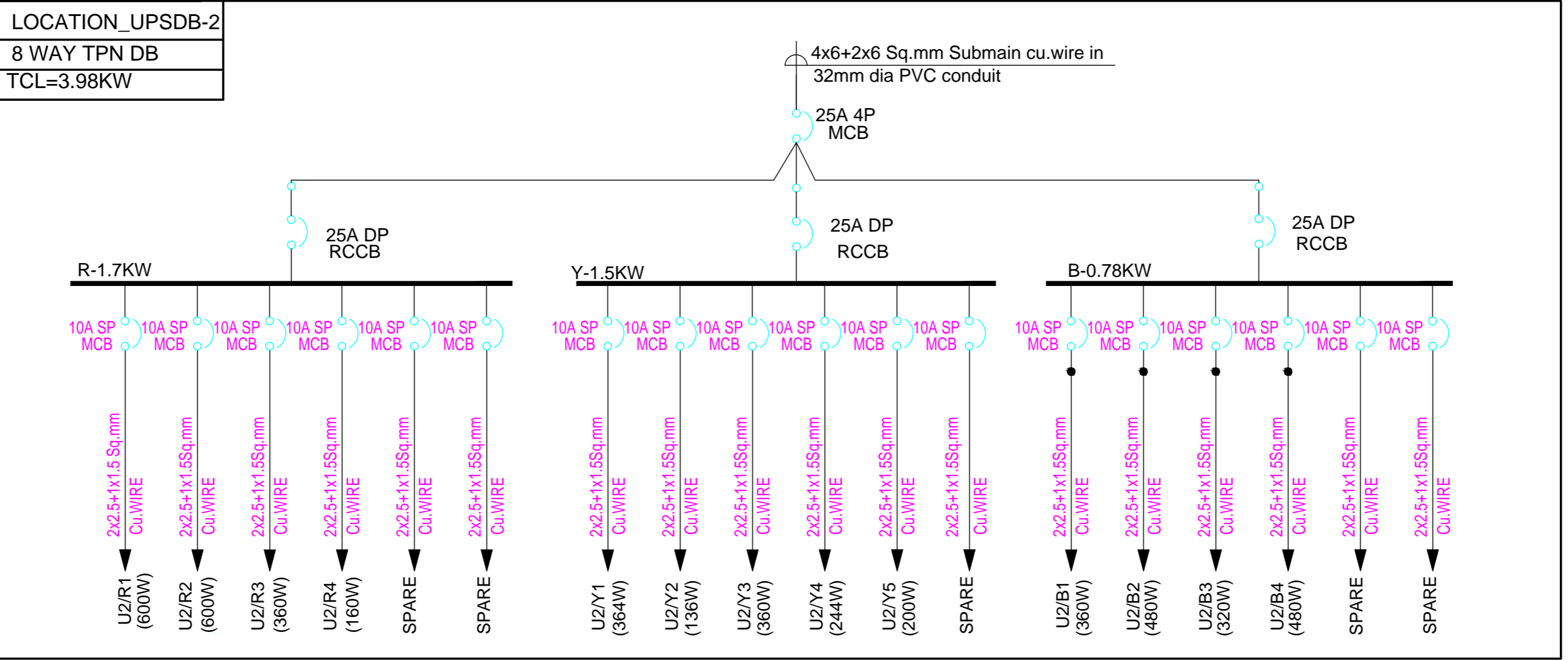
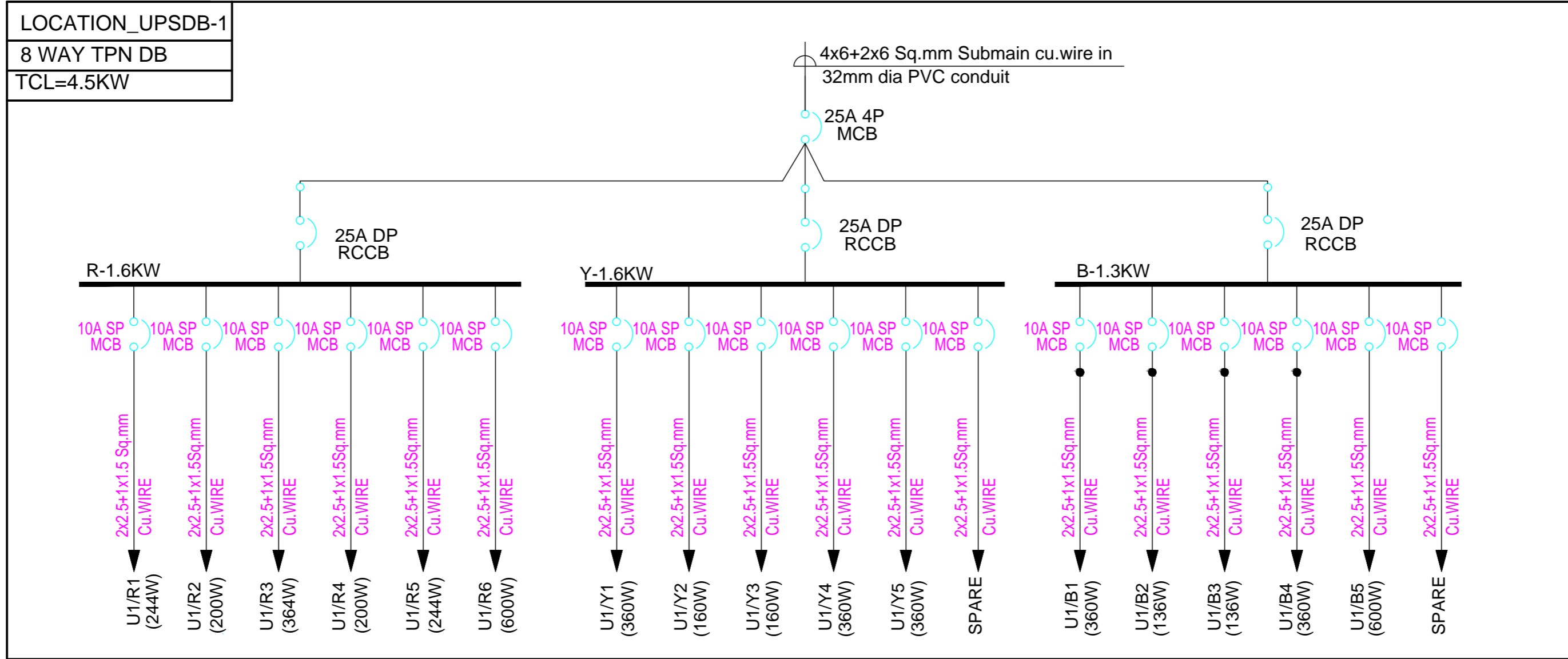
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 DRAWN  
 MONU  
 11/02/2024  
 SCALE - NTS (A2)

PROJECT  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
 CLIENT  
**CCSHAU, HISAR**

FIRST FLOOR  
**EL-DB DETAILS LAYOUT**

**GENERAL NOTES:**  
 1. ALL DIMENSION IN MM (MILLIMETRES) UNO.  
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 3. REFER TO OTHER DRAWINGS WHERE CROSS REFERENCES ARE INDICATED.  
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 6. REFER PROJECT DRAWING REGISTER TO ENSURE THAT YOU HAVE LATEST REVISION.

REVISION HISTORY		
NO.	DATE	DESCRIPTION



MEP CONSULTANT:-  
  
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 GURGAON, HARYANA - 124002  
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 E-MAIL : spaceace.india@gmail.com

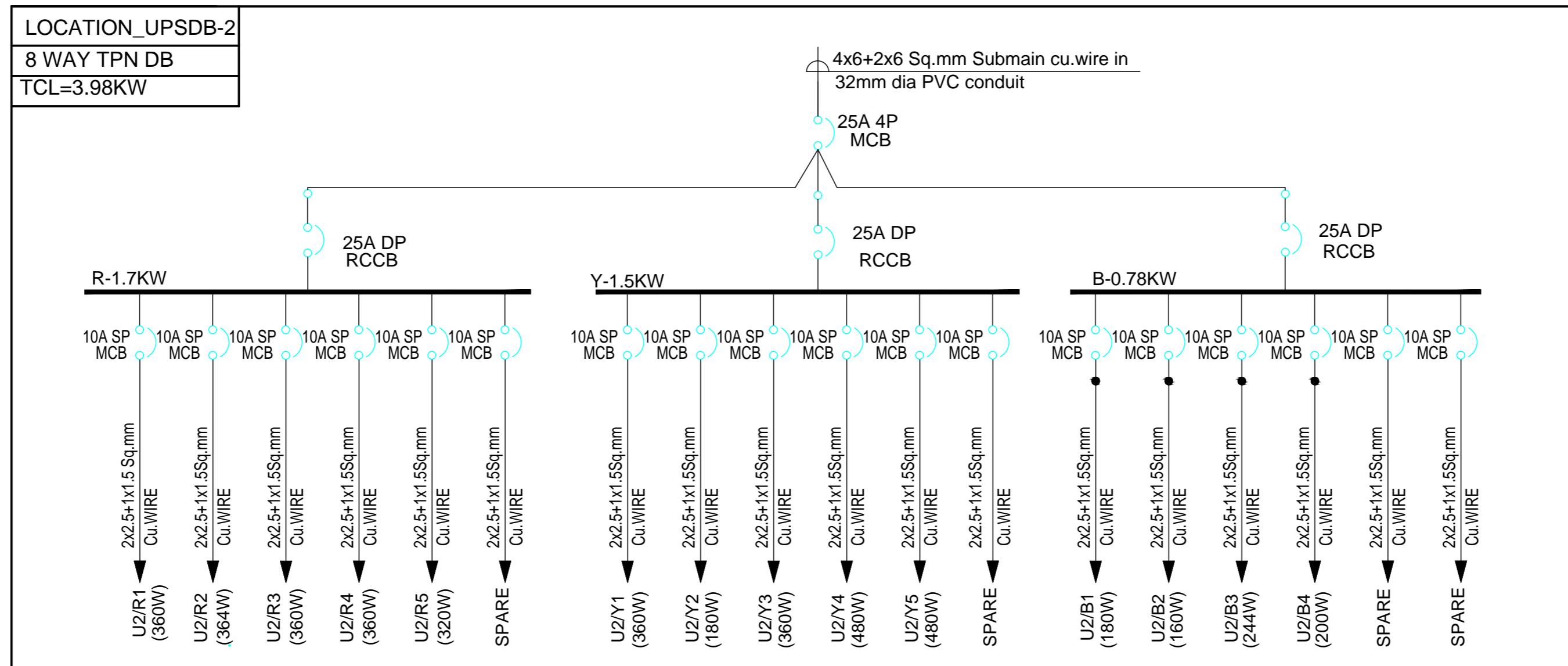
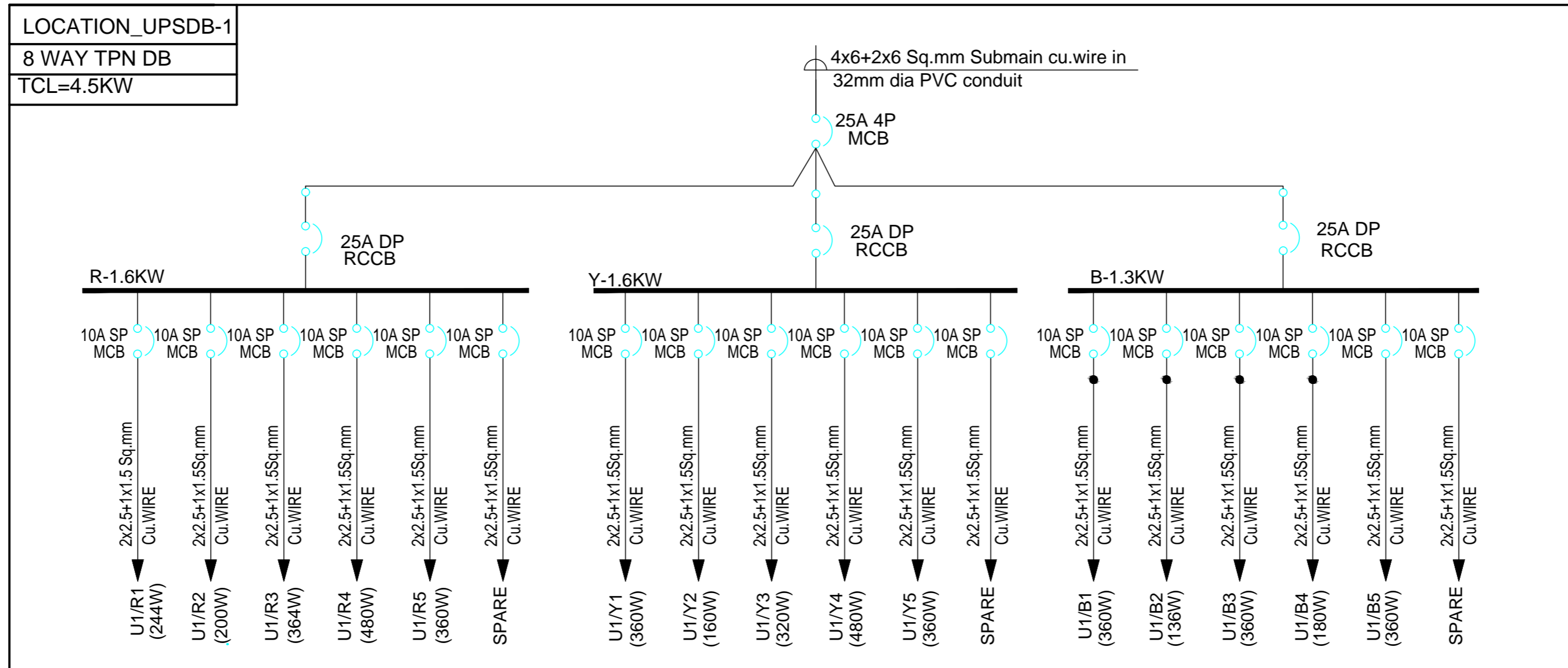
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 KRISHNA  
 CHECKED  
 PRAHLAD  
 DRAWN -  
 MONU  
 11/02/19  
 SCALE - NTS (A2)

PROJECT  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
 CLIENT  
**CCSHAU, HISAR**

SECOND FLOOR  
**EL-DB DETAILS LAYOUT**

**GENERAL NOTES:**  
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 3. REFER TO OTHER DRAWINGS WHERE CROSS REFERENCES ARE INDICATED.  
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 5. FOR CLARIFICATIONS / DISCREPANCIES RAISE A TECHNICAL QUERY TO ARCHITECT.  
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REVISION HISTORY		
NO.	DATE	DESCRIPTION



MEP CONSULTANT:-  
  
**SPASS Engineers**  
 MEP Consultants & Project Managers  
 D-12, Nangli Vihar, Nangli Sakrawati,  
 New Delhi, -110043, Ph No-981581648

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 & PLANNERS  
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 11/11/23  
 SCALE - NTS (A2)

PROJECT  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
 CLIENT  
**CCSHAU, HISAR**

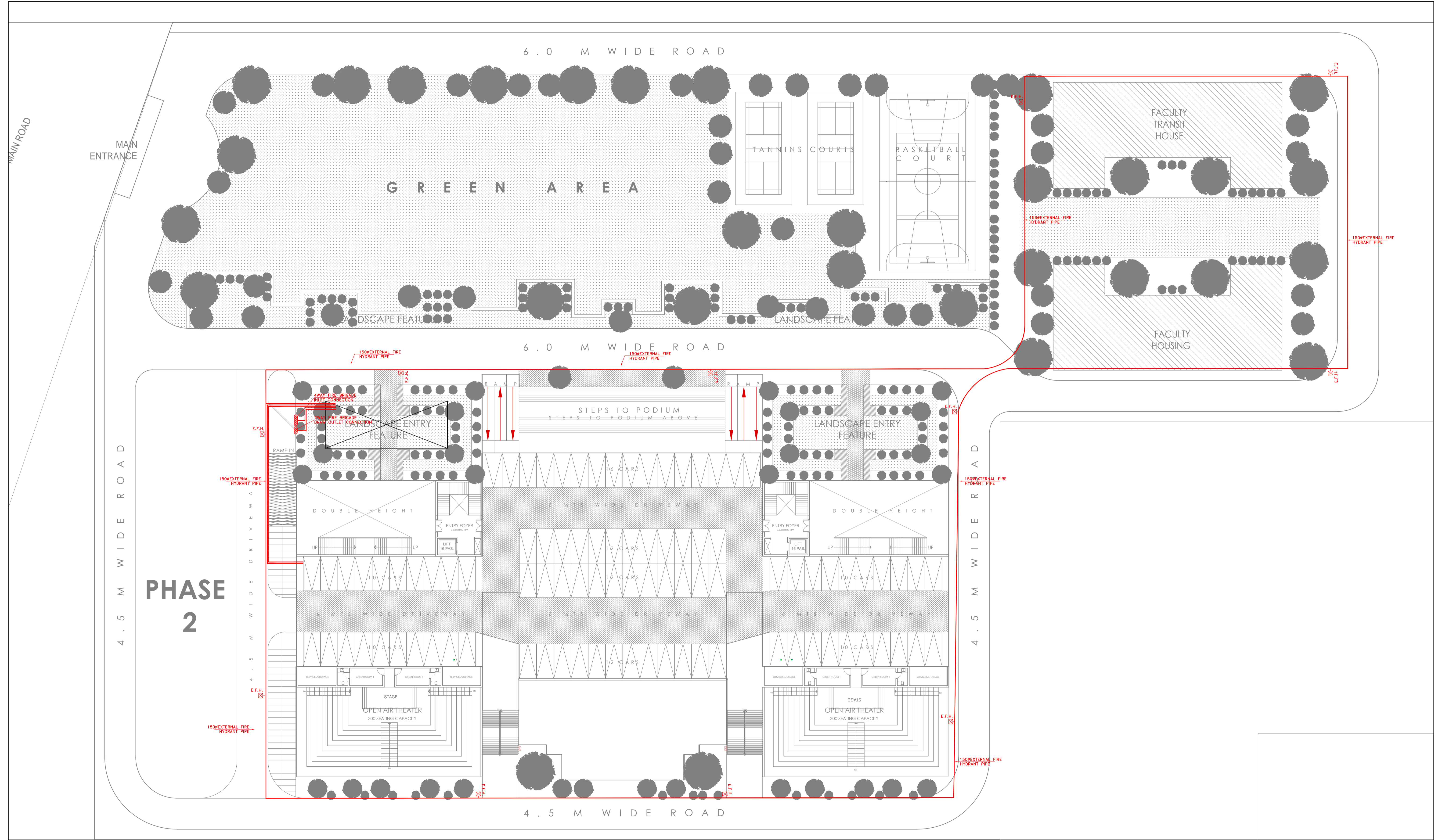
THIRD FLOOR

**EL-DB DETAILS LAYOUT**

- GENERAL NOTES:**
- ALL DIMENSION IN MM (MILLIMETRES) UNO.
  - DO NOT SCALE THE DRAWING.
  - REFER TO OTHER DRAWINGS WHERE CROSS REFERENCES ARE INDICATED.
  - ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL, E&M SERVICES & SYSTEM DRAWINGS.
  - FOR CLARIFICATIONS / DISCREPANCIES RAISE A TECHNICAL QUERY TO ARCHITECT.
  - REFER PROJECT DRAWING REGISTER TO ENSURE THAT YOU HAVE LATEST REVISION.

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## **K) FIRE FIGHTING**



# PHASE 2

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 1. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 4. SOFTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANS/STAINLESS STEEL SINKS SHALL BE 13MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M20.  
 7. THE DIMENSIONS OF BRICKS TO BE USED SHALL BE 230 X 115 X 75 MM.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. INCORPORATE ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS SHALL BE APPROVED BEFORE FIXING INSTALLATION.

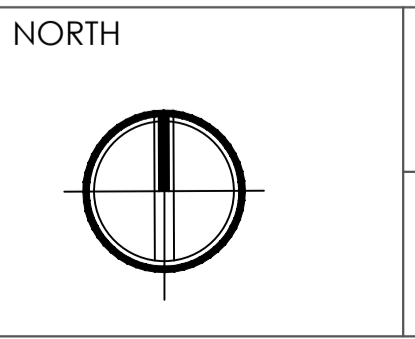
REVISIONS:	DRAWN BY	DATE
	RAJESH	30.05.2019
	SCALE	1:250
	DRG.NO.	-
	JOB. NO.	-
	CHECKED BY	ANUJ

MEP CONSULTANTS:	PROJECT
<b>SPASS Engineers</b>	<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>
MEP Consultants & Project Managers	
D-12, Nangli Vihar, Nangli Sakrawati,	
New Delhi, -110043, Ph No- 9891581648,	

PROJECT	SHEET
<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>	<b>FIRE FIGHTING SITE PLAN</b>
CLIENT	COMPONENT
<b>CCSHAU, HISAR</b>	<b>SITE</b>

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REVISIONS:



**SPACE ACE**  
 ARCHITECTS, ENGINEERS & PLANNERS  
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 spaceace.india@gmail.com

# BASEMENT FLOOR PLAN

LEGEND FOR FIRE FIGHTING	
(7)	150Ø FIRE PIPE
(8)	80Ø DRAIN PIPE
(9)	150Ø SPRINKLER PIPE
	PENDENT SPRINKLER
	UPRIGHT SPRINKLER
	4KG ABC TYPE EXTINGUISHER
	6KG ABC FIRE EXTINGUISHER
	9KG ABC FIRE EXTINGUISHER
	FHC FIRE HOSE CABINET (1200X800)



145 CAR PARKING  
BUILT UP AREA- 3986 SQM

37 CARS

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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 100 TO 1000 MM PLUMB PROJECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SHOTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANSY, SINKS, CHIMNEYS & SMOKEY FLOOR LEVEL SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M20.  
 7. THE DIMENSIONS OF BRICKS TO BE USED SHALL BE 200 X 100 X 75 MM.  
 8. LOCATION, SIZE & LEVEL OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE, ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS SHALL BE PROVIDED BY THE APPROVED BEFORE FIXING INSTALLATION.

REVISIONS:	DRAWN BY	DATE
	RAJESH	30.05.2019
	SCALE	1:250
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	JOB. NO.	-
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	SPASS Engineers
MEP Consultants & Project Managers	
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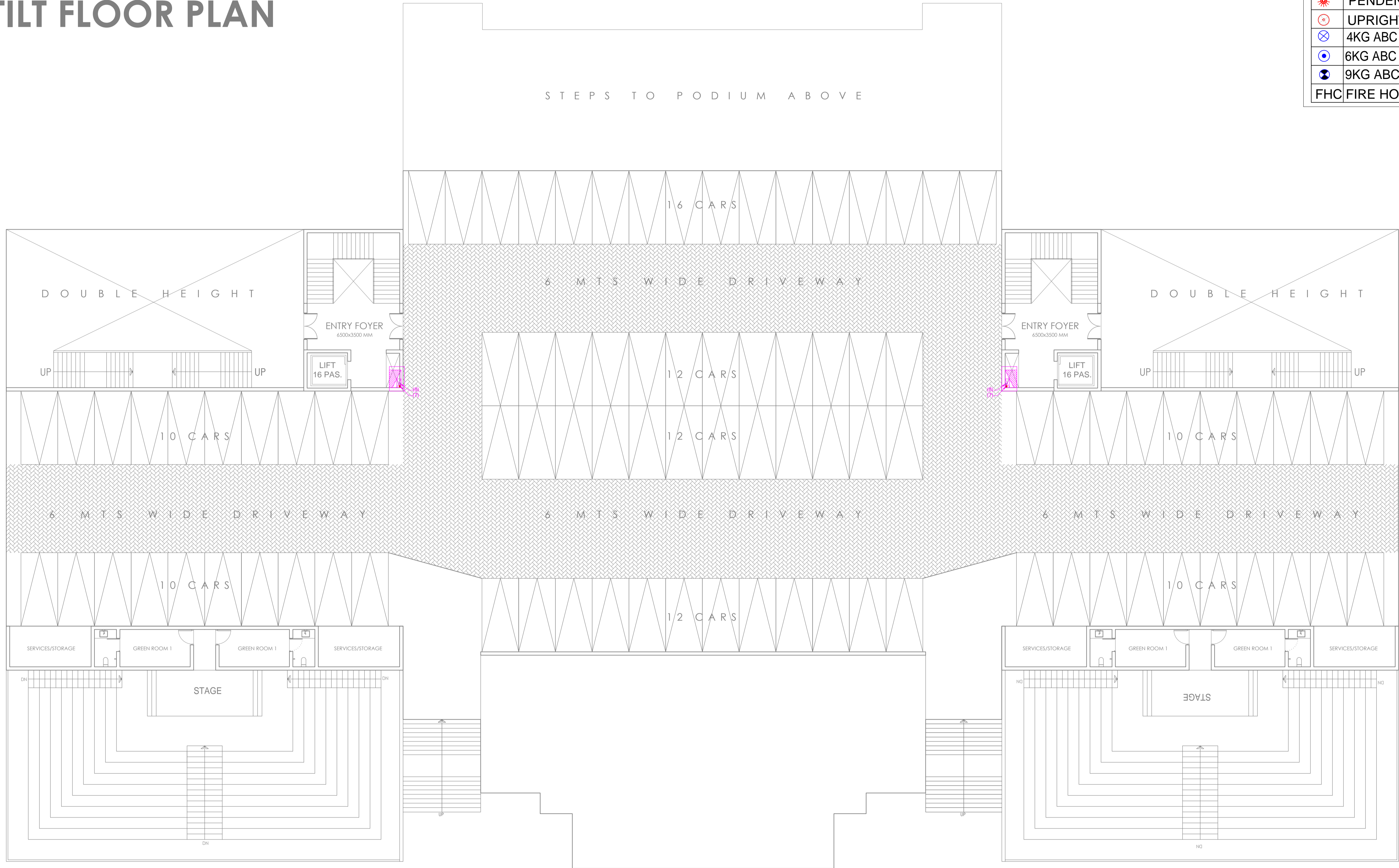
PROJECT	SHEET
AGRI BUSINESS INSTITUTE, GURUGRAM	BASEMENT FLOOR
CLIENT	COMPONENT
CCSHAU, HISAR	FIRE FIGHTING

NORTH	

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E - M A I L - spaceace.india@gmail.com	

# STILT FLOOR PLAN

LEGEND FOR FIRE FIGHTING	
(7)	150Ø FIRE PIPE
(8)	80Ø DRAIN PIPE
(9)	150Ø SPRINKLER PIPE
	PENDENT SPRINKLER
	UPRIGHT SPRINKLER
	4KG ABC TYPE EXTINGUISHER
	6KG ABC FIRE EXTINGUISHER
	9KG ABC FIRE EXTINGUISHER
	FHC FIRE HOSE CABINET (1200X800)



92 CAR PARKING  
BUILT UP AREA- 2569 SQM

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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.  
 4. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 5. FINISHING SHALL BE 10MM HIGH PROF FINISHED FLOOR LEVEL.  
 6. TOILET FINISHING OF BENCH, CHAIRMAN & BENCH FLOOR LEVEL SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 7. THE GRADE OF CONCRETE TO BE USED IS M20.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS SHALL BE APPROVED BEFORE FIXING INSTALLATION.

REVISIONS:	DRAWN BY	DATE
	RAJESH	30.05.2019
	SCALE	1:250
	DRG.NO.	-
	JOB. NO.	-
	CHECKED BY	ANUJ

MEP CONSULTANTS:-	
	<b>SPASS Engineers</b>
MEP Consultants & Project Managers	
A-20, Anand Vihar, Nangli Sakrawati,	
New Delhi, -110043, Ph No- 9891581648,	

PROJECT	
<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>	
CLIENT	<b>CCSHAU, HISAR</b>

SHEET	
<b>STILT FLOOR</b>	
COMPONENT	<b>FIRE FIGHTING</b>

NORTH	

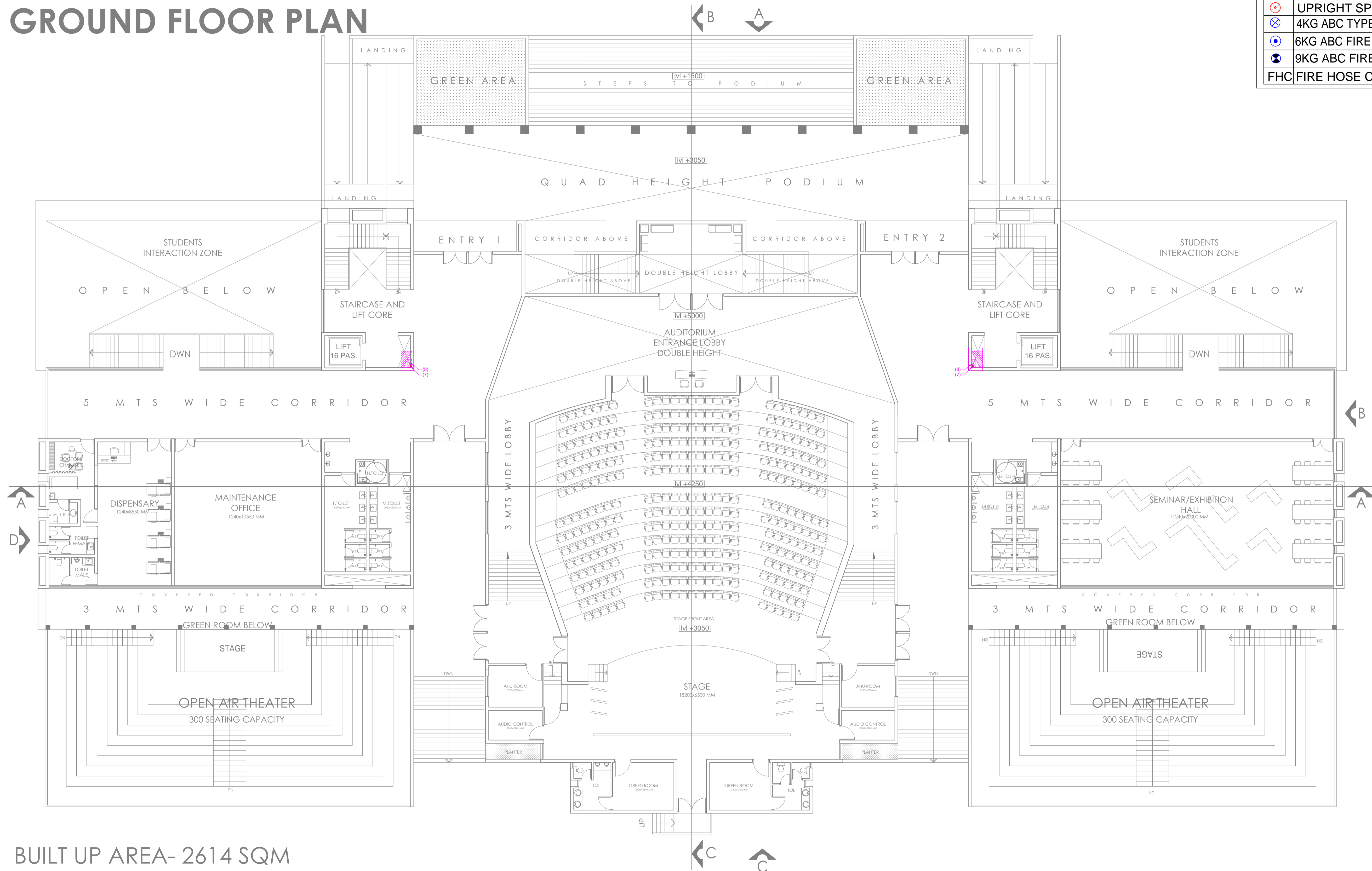
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0124-2363329  
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# GROUND FLOOR PLAN

LEGEND FOR FIRE FIGHTING	
(7)	150Ø FIRE PIPE
(8)	80Ø DRAIN PIPE
(9)	150Ø SPRINKLER PIPE
☀	PENDENT SPRINKLER
⊙	UPRIGHT SPRINKLER
⊗	4KG ABC TYPE EXTINGUISHER
⊕	6KG ABC FIRE EXTINGUISHER
⊖	9KG ABC FIRE EXTINGUISHER
⊙	FHC FIRE HOSE CABINET (1200X800)



BUILT UP AREA- 2614 SQM

**NOTES:**  
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PROJECT
<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>
CLIENT
<b>CCSHAU, HISAR</b>

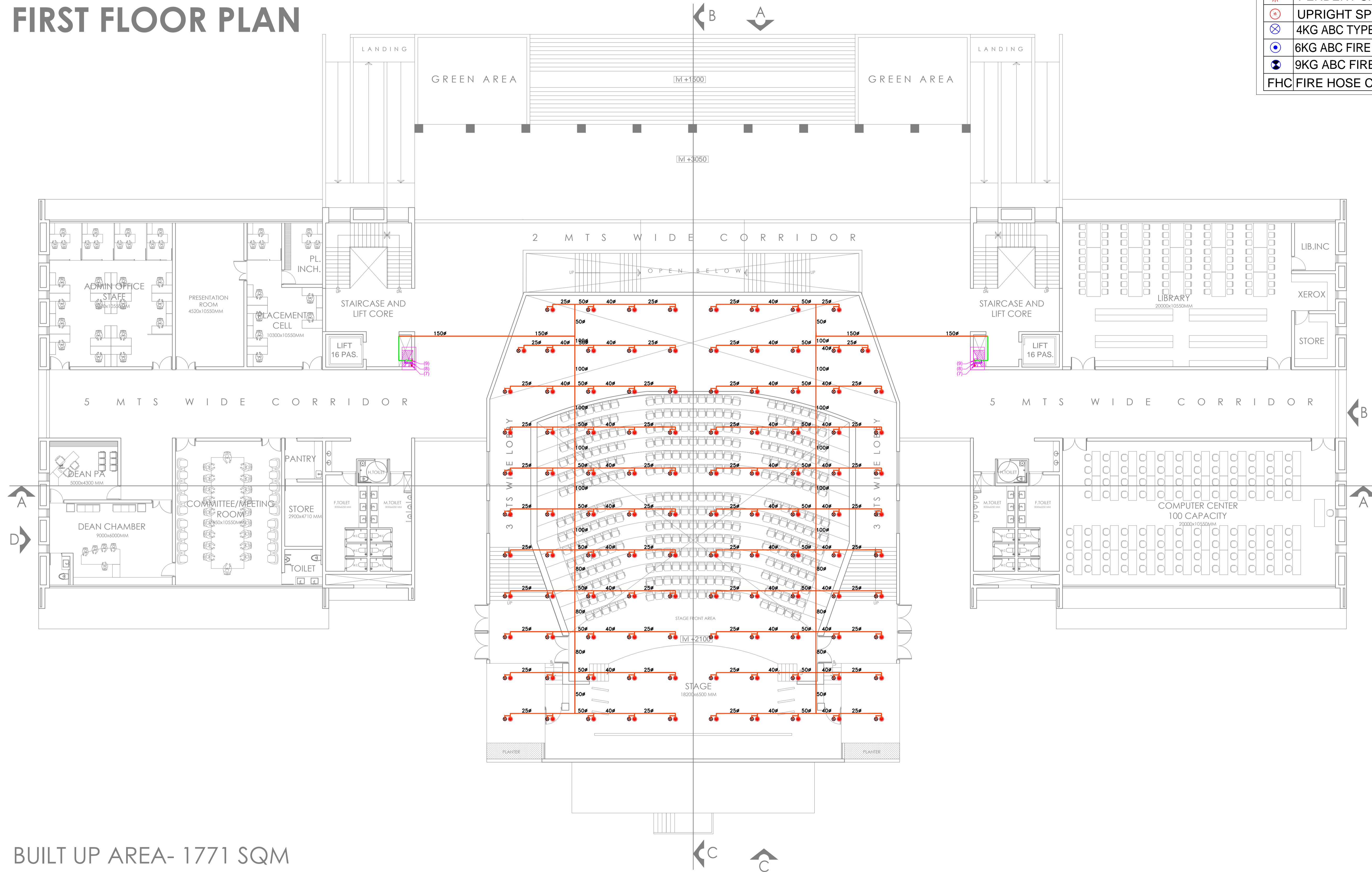
SHEET
<b>GROUND FLOOR</b>
COMPONENT
<b>FIRE FIGHTING</b>

NORTH

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# FIRST FLOOR PLAN


LEGEND FOR FIRE FIGHTING	
(7)	150Ø FIRE PIPE
(8)	80Ø DRAIN PIPE
(9)	150Ø SPRINKLER PIPE
☀	PENDENT SPRINKLER
⊙	UPRIGHT SPRINKLER
⊗	4KG ABC TYPE EXTINGUISHER
⊕	6KG ABC FIRE EXTINGUISHER
⊖	9KG ABC FIRE EXTINGUISHER
	FHC FIRE HOSE CABINET (1200X800)



BUILT UP AREA- 1771 SQM

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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSIONS ONLY.  
 4. FINISHES SHALL BE AS SPECIFIED IN THE SCHEDULE.  
 5. THE GRADE OF CONCRETE TO BE USED IS M20.  
 6. THE GRADE OF STEEL TO BE USED IS FE 415.  
 7. ALL DIMENSIONS OF ARCHES, CORNICES & SKYDROOF FLOOR LEVELS SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. INCORPORATE ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS SHALL HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

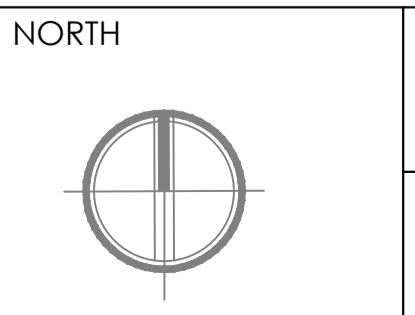
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	RAJESH	30.05.2019
	SCALE	1:250
	DRG. NO.	-
	JOB. NO.	-
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**PROJECT**  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
**CLIENT**  
**CCSHAU, HISAR**

**SHEET**  
**FIRST FLOOR**  
**COMPONENT**  
**FIRE FIGHTING**

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 3. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSIONS ONLY.  
 4. FINISHES SHALL BE AS SPECIFIED IN THE SCHEDULE.  
 5. THE GRADE OF CONCRETE TO BE USED IS M20.  
 6. THE GRADE OF STEEL TO BE USED IS FE 415.  
 7. ALL DIMENSIONS OF ARCHES, CORNICES & SKYDROOF FLOOR LEVELS SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. INCORPORATE ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS SHALL HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.



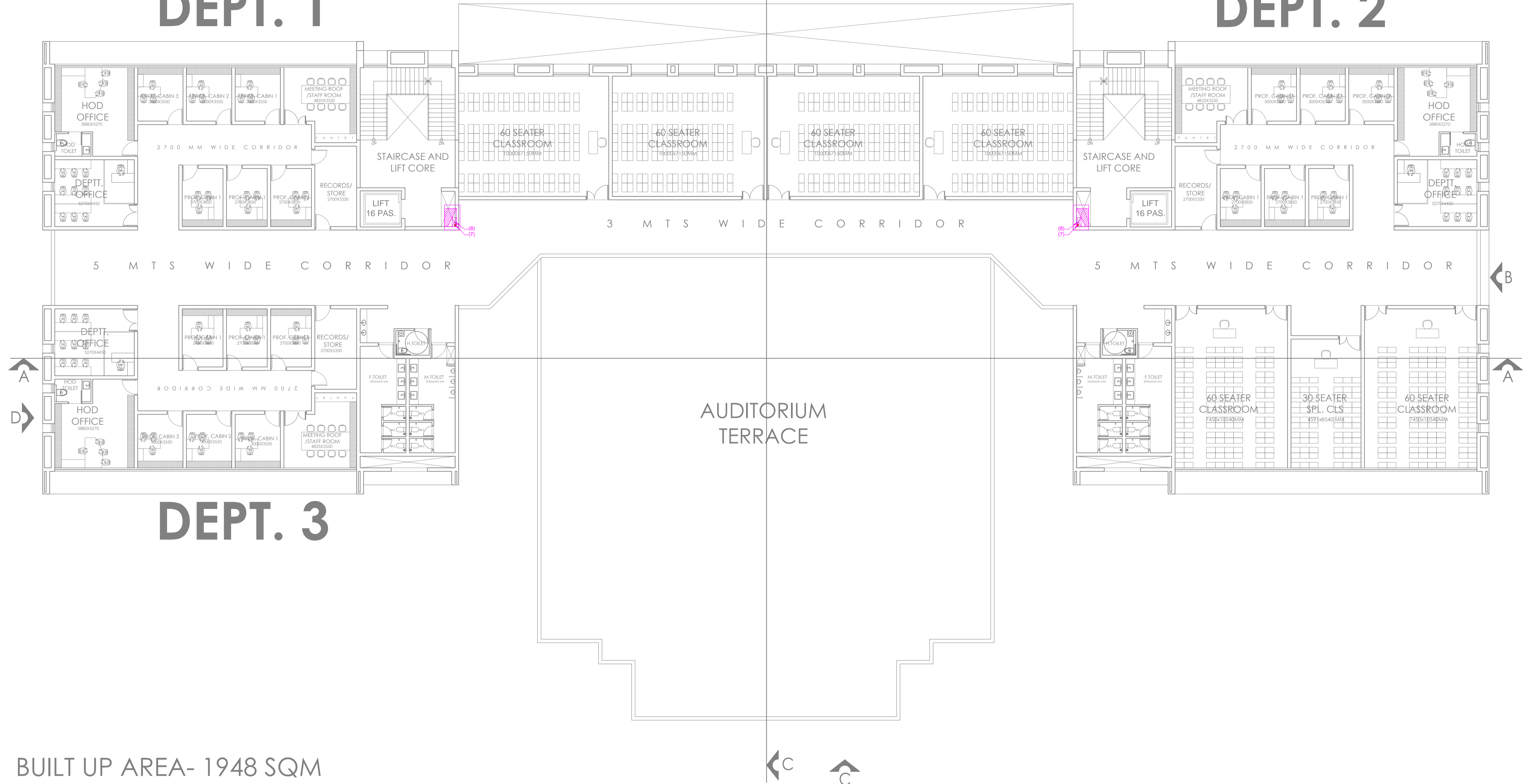
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# SECOND FLOOR PLAN

LEGEND FOR FIRE FIGHTING	
(7)	150Ø FIRE PIPE
(8)	80Ø DRAIN PIPE
(9)	150Ø SPRINKLER PIPE
	PENDENT SPRINKLER
	UPRIGHT SPRINKLER
	4KG ABC TYPE EXTINGUISHER
	6KG ABC FIRE EXTINGUISHER
	9KG ABC FIRE EXTINGUISHER
	FHC FIRE HOSE CABINET (1200X800)

## DEPT. 1

## DEPT. 2



BUILT UP AREA- 1948 SQM

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 1. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 100 TO 1000 MM PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SHOOTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET FANTRY, STORES, CHANGING ROOMS & BATHROOM FLOOR LEVELS SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M20.  
 7. THE DIMENSIONS OF BRICKS TO BE USED SHALL BE 230 X 115 X 75 MM.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE, ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS SAMPLES SHOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

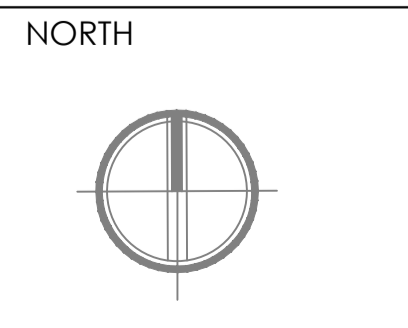
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	JOB. NO.	-
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	CLIENT <b>CCSHAU, HISAR</b>

PROJECT	SHEET
<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>	<b>SECOND FLOOR</b>
CLIENT <b>CCSHAU, HISAR</b>	COMPONENT <b>FIRE FIGHTING</b>

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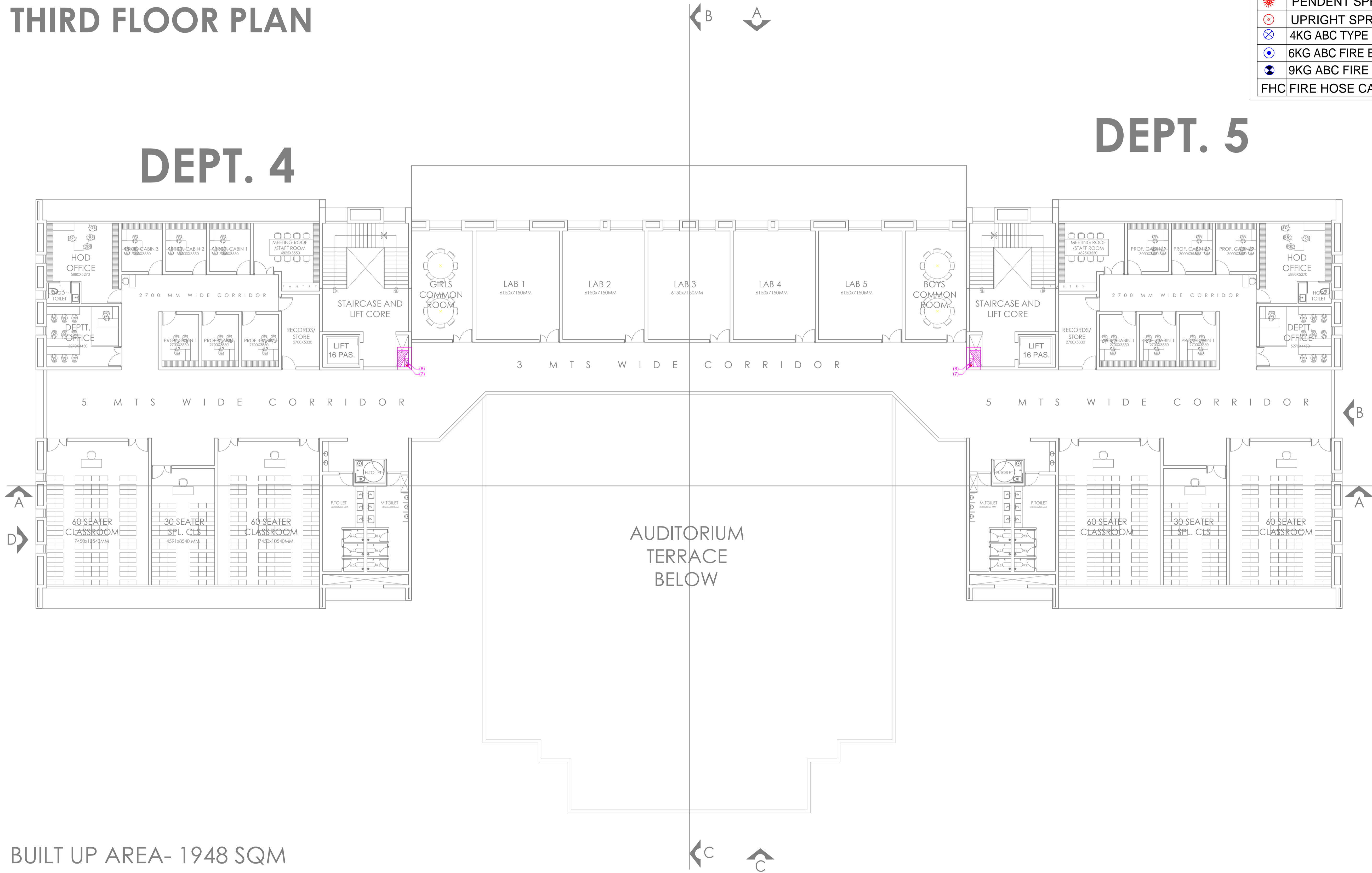
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# THIRD FLOOR PLAN

LEGEND FOR FIRE FIGHTING	
(7)	150Ø FIRE PIPE
(8)	80Ø DRAIN PIPE
(9)	150Ø SPRINKLER PIPE
☀	PENDENT SPRINKLER
⊙	UPRIGHT SPRINKLER
⊗	4KG ABC TYPE EXTINGUISHER
⊕	6KG ABC FIRE EXTINGUISHER
⊖	9KG ABC FIRE EXTINGUISHER
⊠	FHC FIRE HOSE CABINET (1200X800)

## DEPT. 4

## DEPT. 5



BUILT UP AREA- 1948 SQM

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 3. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSIONS ONLY.  
 4. FINISHES SHALL BE AS PER SPECIFICATIONS.  
 5. THE GRADE OF CONCRETE TO BE USED IS M20.  
 6. THE GRADE OF STEEL TO BE USED IS FE 415.  
 7. THE DIMENSIONS OF BRICKS AND BLOCKS SHALL BE 200 X 100 X 75 MM.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE, ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS SHALL HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

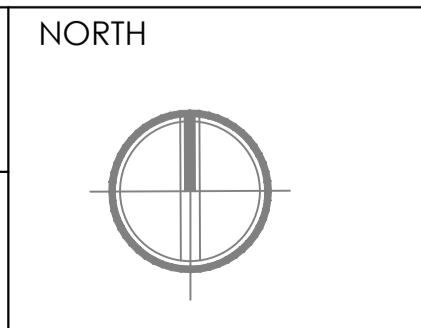
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PROJECT
<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>
CLIENT
<b>CCSHAU, HISAR</b>

SHEET
<b>THIRD FLOOR</b>
COMPONENT
<b>FIRE FIGHTING</b>

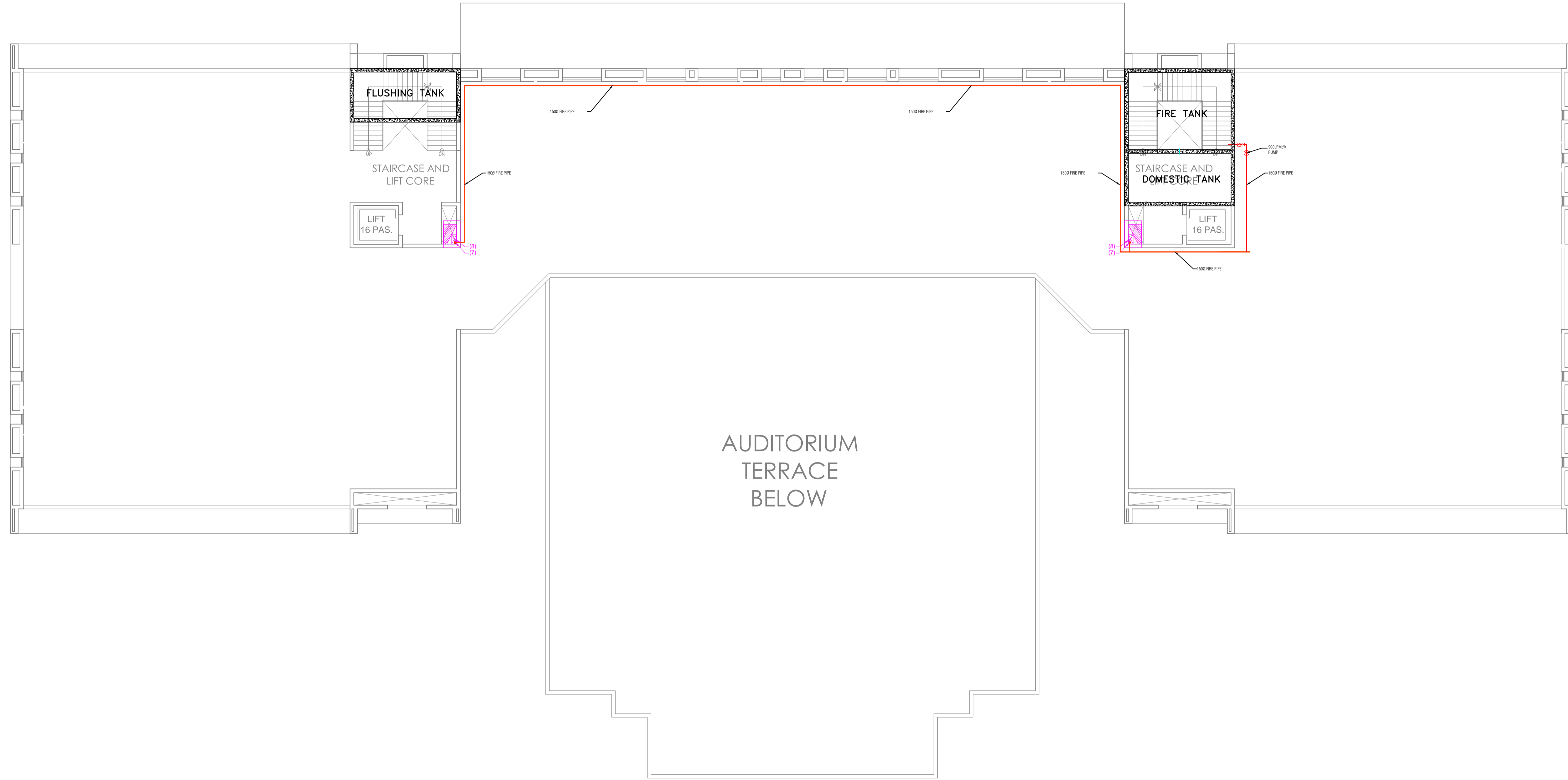
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# TERRACE PLAN

LEGEND FOR FIRE FIGHTING		
(7)	150Ø FIRE PIPE	
(8)	80Ø DRAIN PIPE	
(9)	150Ø SPRINKLER PIPE	
	PENDENT SPRINKLER	
	UPRIGHT SPRINKLER	
	4KG ABC TYPE EXTINGUISHER	
	6KG ABC FIRE EXTINGUISHER	
	9KG ABC FIRE EXTINGUISHER	
	FHC FIRE HOSE CABINET (1200X800)	



BUILT UP AREA- 1948 SQM

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 3. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 4. FINISHING SHALL BE 10MM HIGH PROF FINISHED FLOOR LEVEL.  
 5. TOILET FINISH: CERAMIC GRANITE & BRICKWORK FLOOR LEVEL SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M20.  
 7. THE DIMENSIONS OF BRICKS AND BLOCKS SHALL BE 200 X 100 X 75 MM.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS SHALL HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

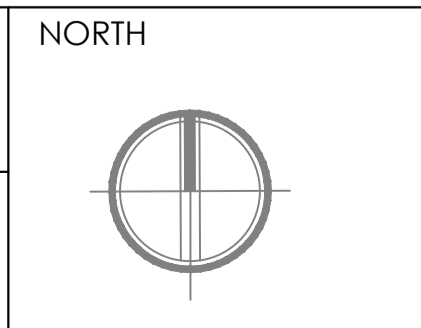
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<b>SPASS Engineers</b>
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PROJECT
<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>
CLIENT
<b>CCSHAU, HISAR</b>

SHEET
<b>TERRACE FLOOR</b>
COMPONENT
<b>FIRE FIGHTING</b>

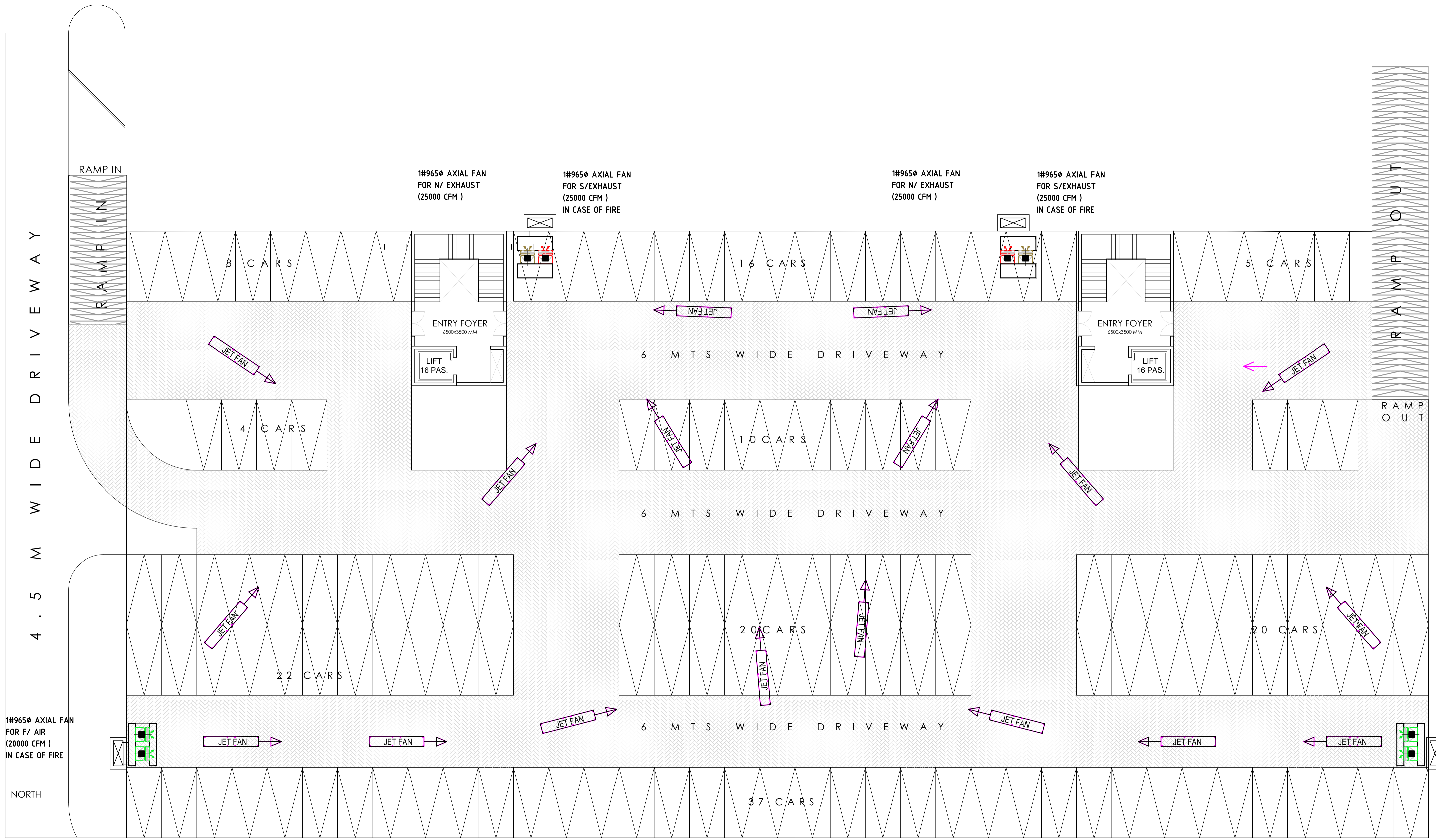
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## L)HVAC LAYOUT



1#965Ø AXIAL FAN  
FOR F/ AIR  
(20000 CFM)  
IN CASE OF FIRE

1#965Ø AXIAL FAN  
FOR N/ EXHAUST  
(25000 CFM)

1#965Ø AXIAL FAN  
FOR S/EXHAUST  
(25000 CFM)  
IN CASE OF FIRE

1#965Ø AXIAL FAN  
FOR N/ EXHAUST  
(25000 CFM)

1#965Ø AXIAL FAN  
FOR S/EXHAUST  
(25000 CFM)  
IN CASE OF FIRE

1#965Ø AXIAL FAN  
FOR F/ AIR  
(20000 CFM)

1#965Ø AXIAL FAN  
FOR F/ AIR  
(20000 CFM)  
IN CASE OF FIRE

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3. 450 TO 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
4. SQUIRTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.  
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.  
6. THE GRADE OF CONCRETE TO BE USED IS M-20.  
7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 200 x 115 x 75 MM.  
8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. IN CHARGE ARCHITECT.  
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11. ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

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<b>JOB. NO.</b>	-
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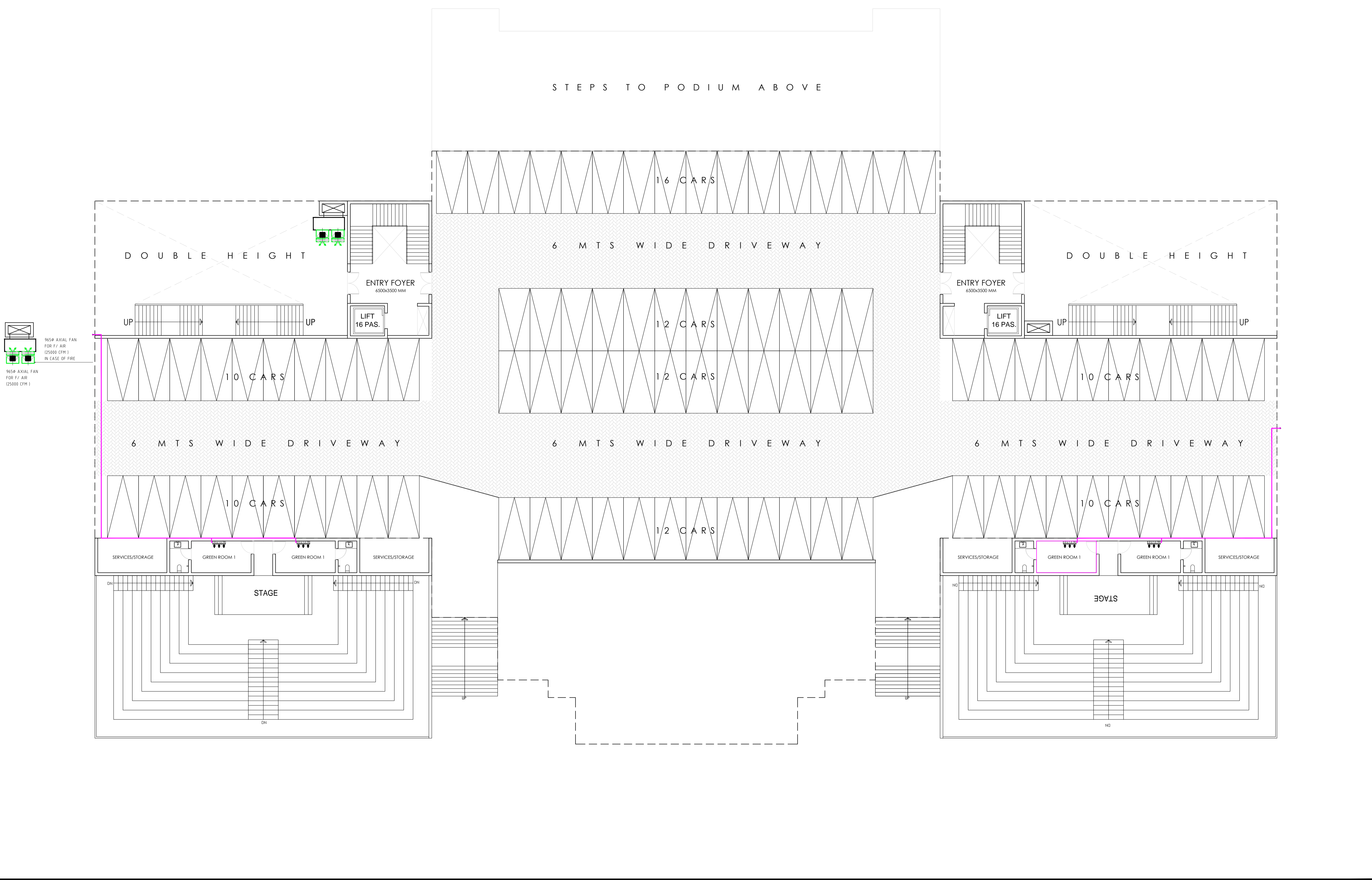
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<b>CLIENT</b>	<b>CCSHAU, HISAR</b>

<b>SHEET</b>	<b>BASEMENT FLOOR PLAN</b>
<b>COMPONENT</b>	<b>HVAC LAYOUT</b>

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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450 TO WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 15 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-20.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 200 x 115 x 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. CHARGE ARCHITECT.  
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PROJECT	CLIENT
<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>	<b>CCSHAU, HISAR</b>

SHEET	COMPONENT
<b>STILT FLOOR PLAN</b>	<b>HVAC LAYOUT</b>

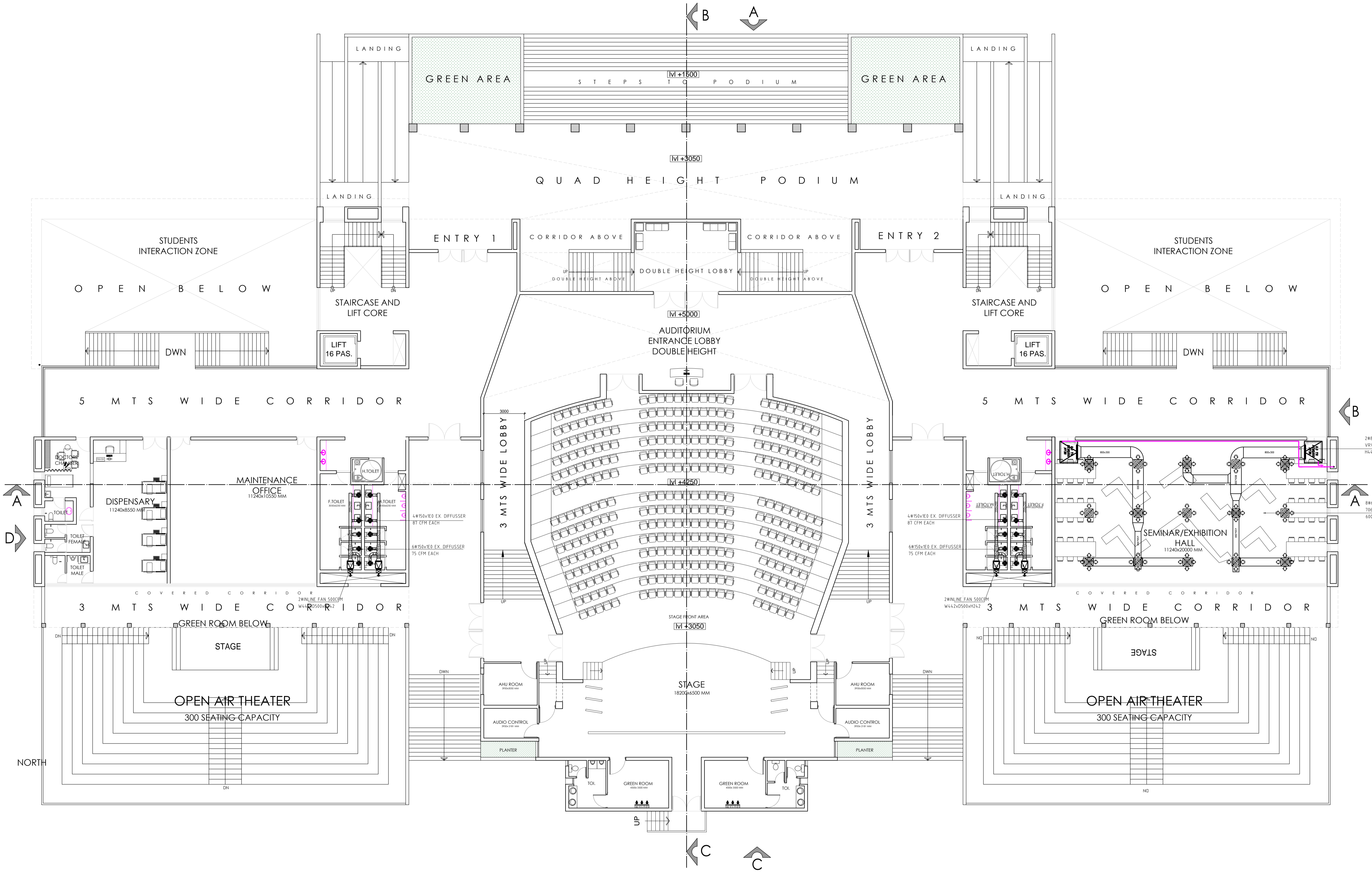
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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450 TO WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SIGHTING SHALL BE 10MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-20.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 200 x 115 x 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. INCHARGE ARCHITECT.  
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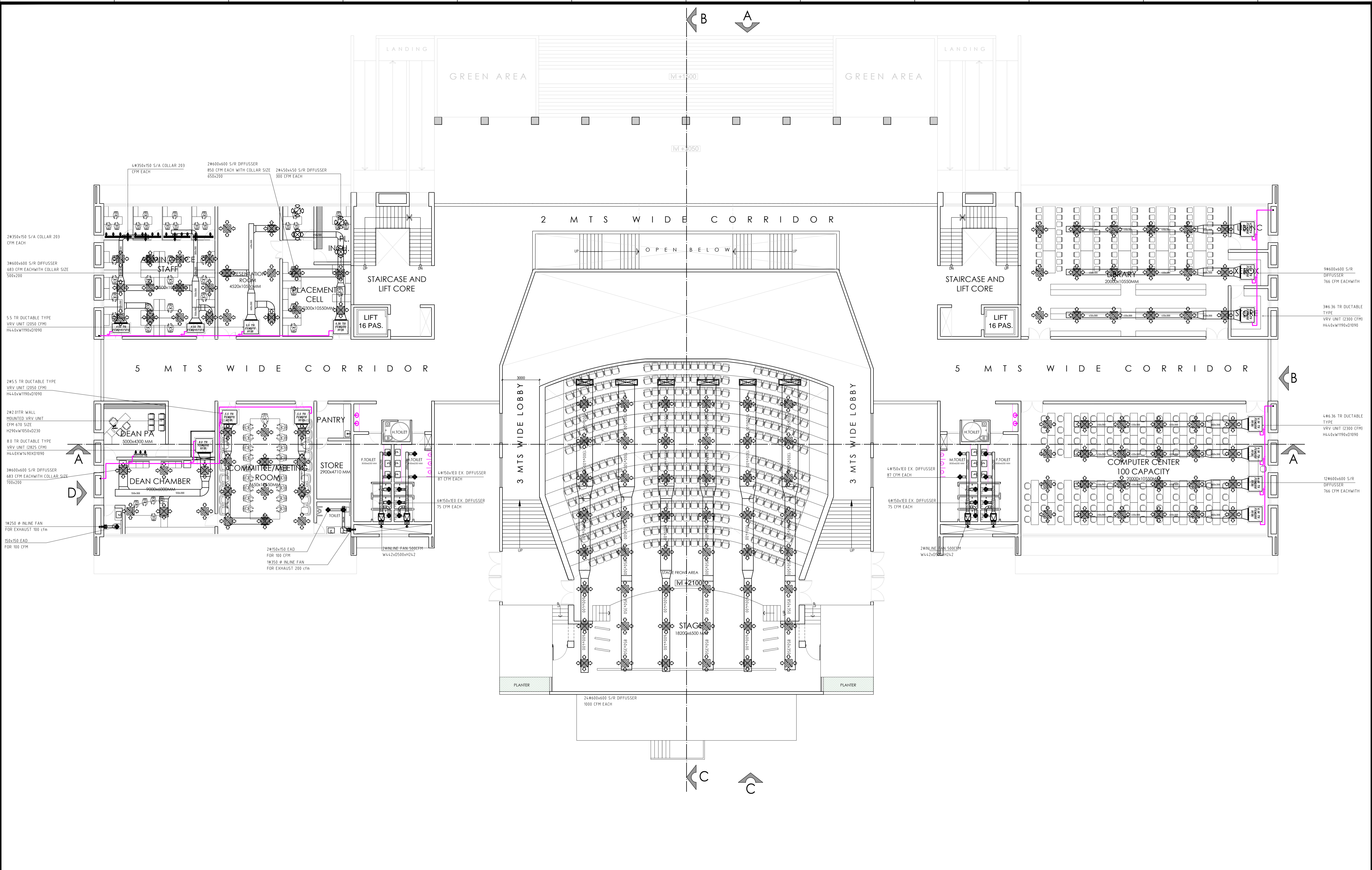
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	JOB. NO.	-
	CHECKED BY	SANJEEV

PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
CLIENT	CCSHAU, HISAR

SHEET	GROUND FLOOR PLAN
COMPONENT	HVAC LAYOUT

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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450-750 MM PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SIGHTING SHALL BE 10MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN VERANDA & BALCONY FLOOR LEVEL SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M20.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 200 x 115 x 75 MM.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY R.O.D. IN CHARGE ARCHITECT.  
 9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

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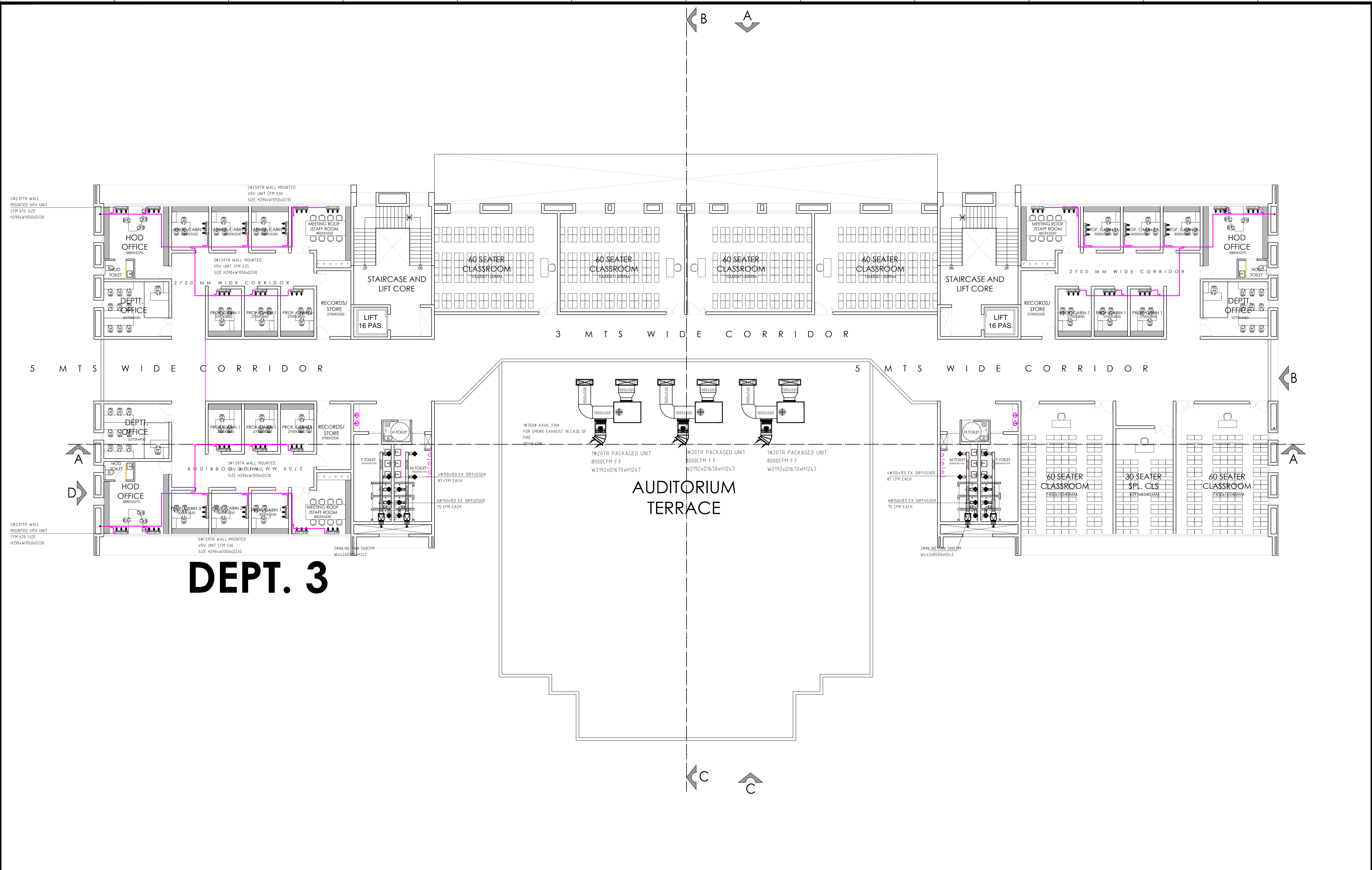
PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
CLIENT	CCSHAU, HISAR

SHEET	FIRST FLOOR PLAN
COMPONENT	HVAC LAYOUT

**MEP CONSULTANT:-**  
  
**SPASS Engineers**  
 MEP Consultants & Project Managers  
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# DEPT. 3

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 NOTE:-  
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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450-750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 15 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-20.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 200 x 115 x 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. INCHARGE ARCHITECT.  
 9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

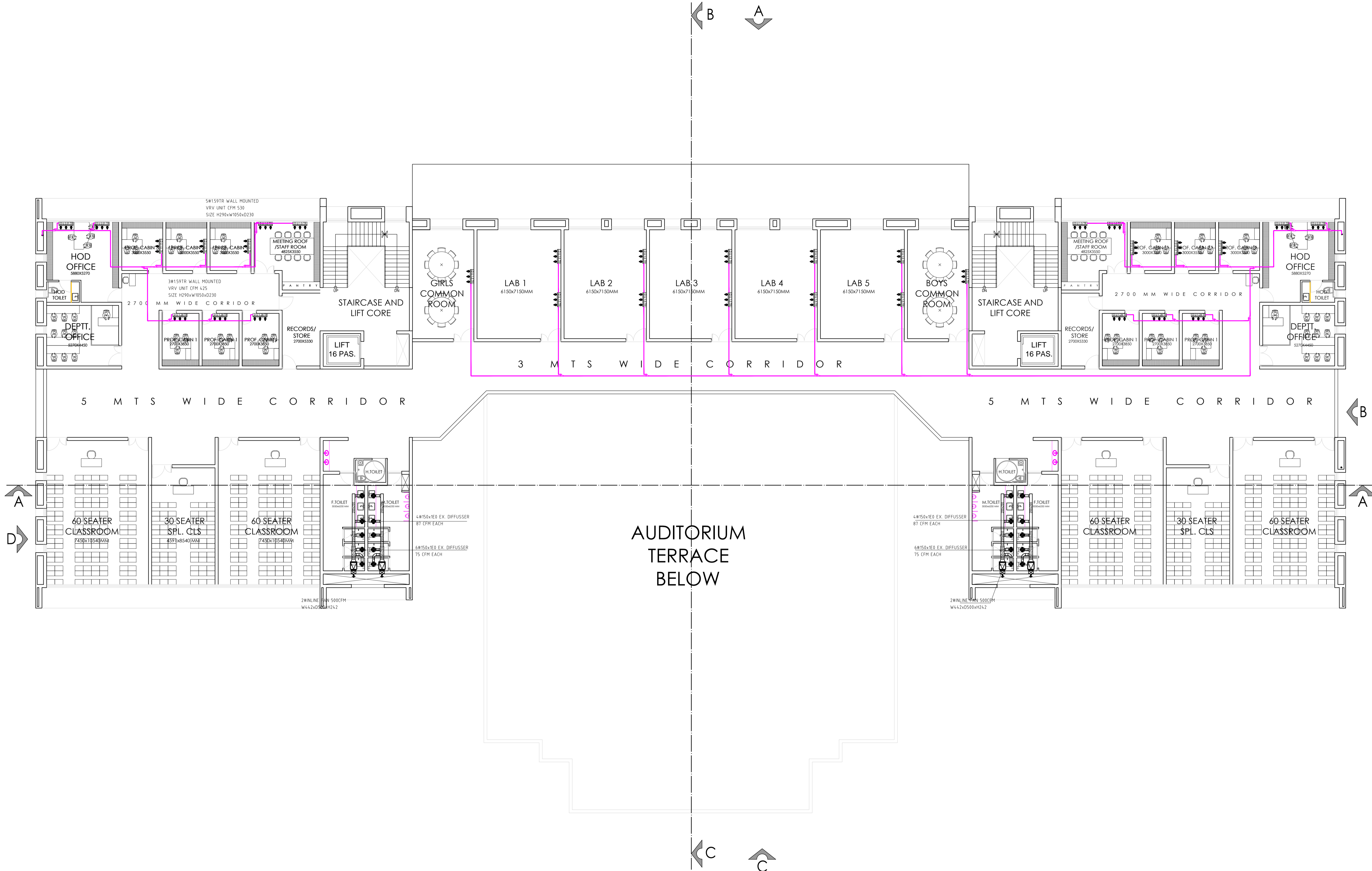
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PROJECT
<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>
CLIENT
<b>CCSHAU, HISAR</b>

SHEET
<b>SECOND FLOOR PLAN</b>
COMPONENT
<b>HVAC LAYOUT</b>

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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450-750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 15 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-20.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 200 x 115 x 75 MM.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. INCHARGE ARCHITECT.  
 9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

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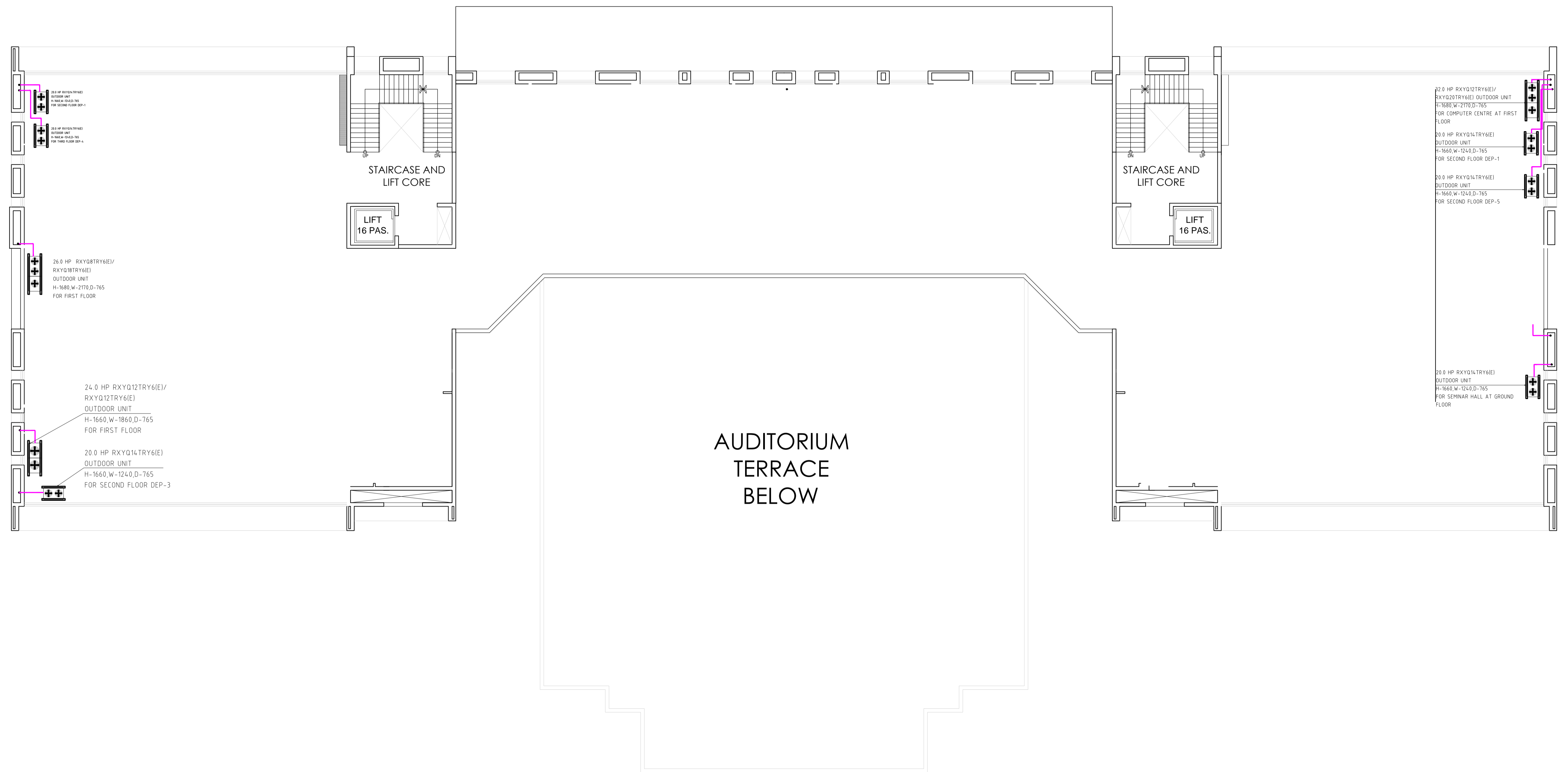
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PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
CLIENT	CCSHAU, HISAR

SHEET	THIRD FLOOR PLAN
COMPONENT	HVAC LAYOUT

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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450 TO WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-25.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 200 x 115 x 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. INCHARGE ARCHITECT.  
 9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

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PROJECT	SHEET
AGRI BUSINESS INSTITUTE, GURUGRAM	TERRACE FLOOR PLAN
	COMPONENT
	HVAC LAYOUT

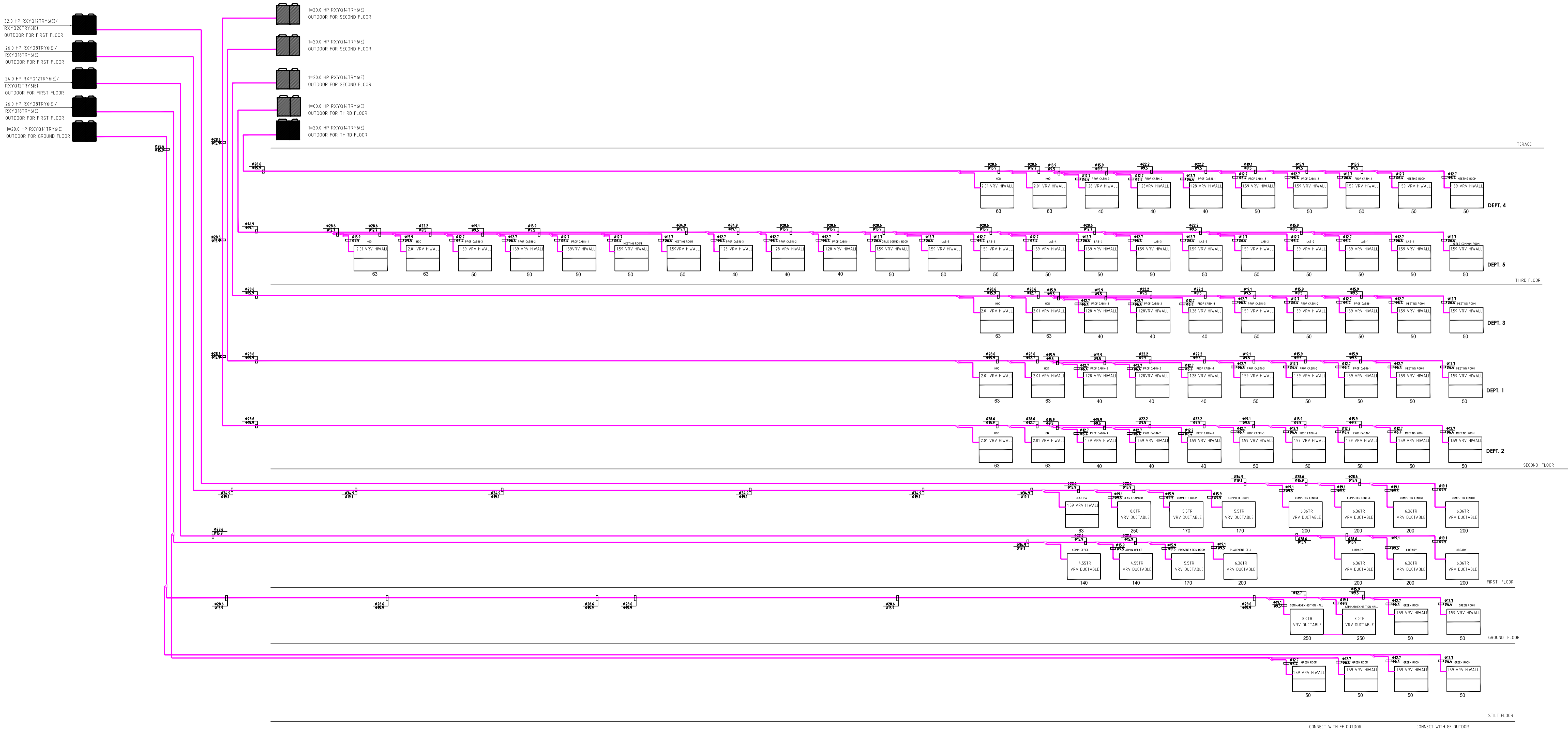
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NOTE:-  
 1. 1:50 FOR SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450-750 MM HIGH PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SLOTTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 15MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-20.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 200 X 115 X 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. MUNICIPALITY/AGENCY.  
 9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

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PROJECT	CLIENT
AGRI BUSINESS INSTITUTE, GURUGRAM	CEESHAU, HISAR

SHEET	COMPONENT
SCHEMATIC PLAN	HVAC

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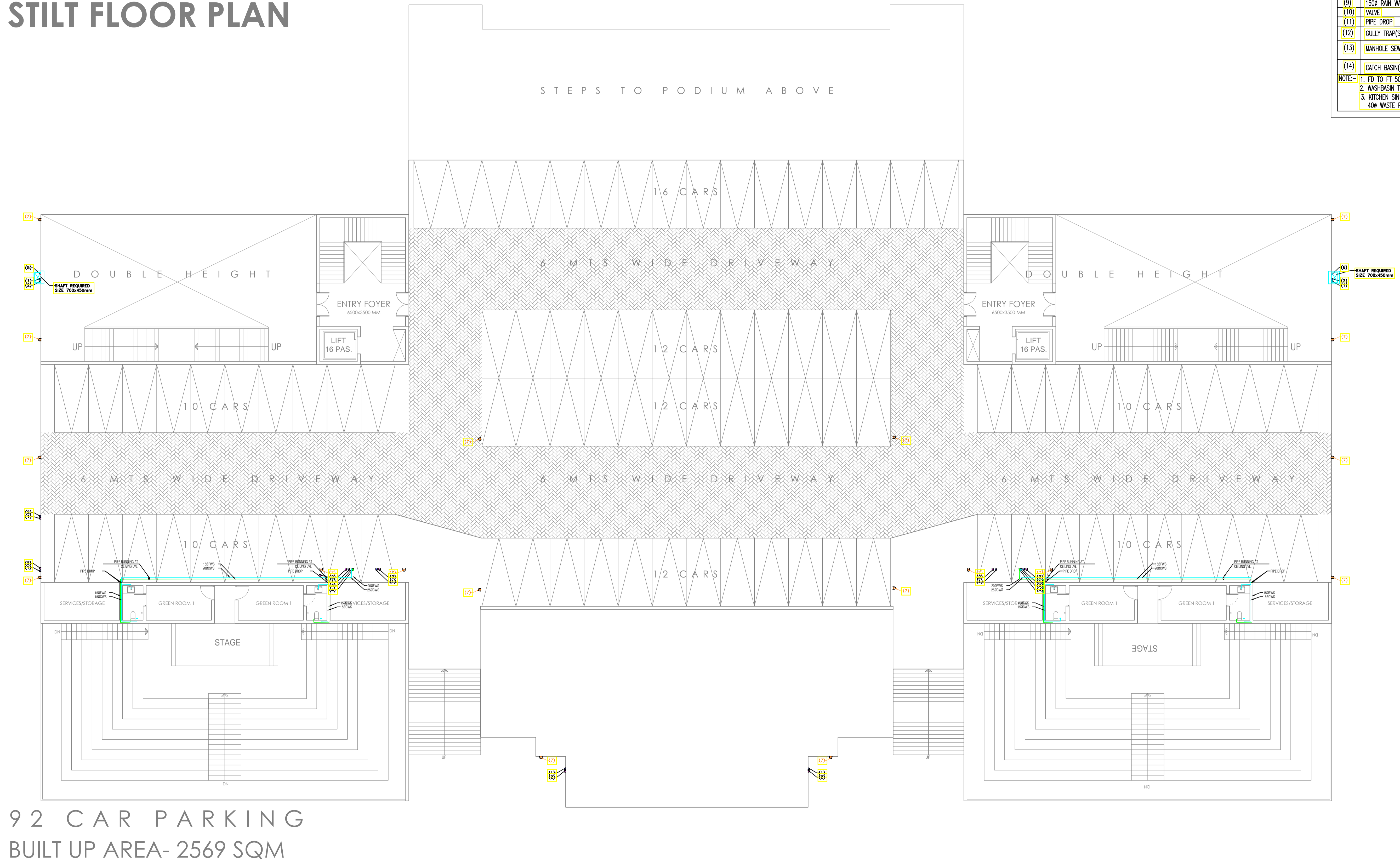
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**M)PLUMBING DRAWINGS-  
MAIN BUILDING**

# STILT FLOOR PLAN



92 CAR PARKING  
BUILT UP AREA- 2569 SQM

S.NO.	DESCRIPTION	SYMBOL
(1)	100# SOIL & VENT PIPE	
(2)	100# WASTE & VENT PIPE	
(3)	COLD WATER SUPPLY	
(4)	FLUSHING WATER SUPPLY	
(5)	COLD WATER RISER	
(6)	FLUSHING WATER RISER	
(7)	HOT WATER SUPPLY	
(8)	HOT WATER RETURN	
(9)	150# RAIN WATER PIPE	
(10)	VALVE	
(11)	PIPE DROP	
(12)	GULLY TRAP(SIZE-300X300)	
(13)	MANHOLE SEWER	
(14)	CATCH BASIN(SIZE-450X450)	

NOTE:-  
1. FD TO FT 50# WASTE PIPE  
2. WASHBASIN TO FT 32# WASTE PIPE  
3. KITCHEN SINK/URINAL TO FT 40# WASTE PIPE

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2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
3. DO NOT SCALE THE DRAWING FOLLOW WRITTEN DIMENSION ONLY.  
4. SHIFTS SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.  
5. THE GRADE OF CONCRETE TO BE USED IS M20.  
6. THE GRADE OF CONCRETE TO BE USED IS M20.  
7. THE DIMENSIONS OF ARCHES, OPENINGS & BLOCKS SHALL BE 15MM DOWN FROM GENERAL FLOOR LEVEL.  
8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE ARCHITECT.  
9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
11. ALL STORE HOLDINGS MUST BE APPROVED BEFORE FIXING INSTALLATION.

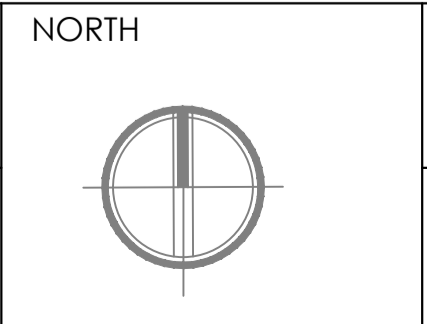
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	JOB. NO.	-
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PROJECT
<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>
CLIENT
<b>CCSHAU, HISAR</b>

SHEET
<b>STILT FLOOR</b>
COMPONENT
<b>PLUMBING LAYOUT</b>

NOTES:



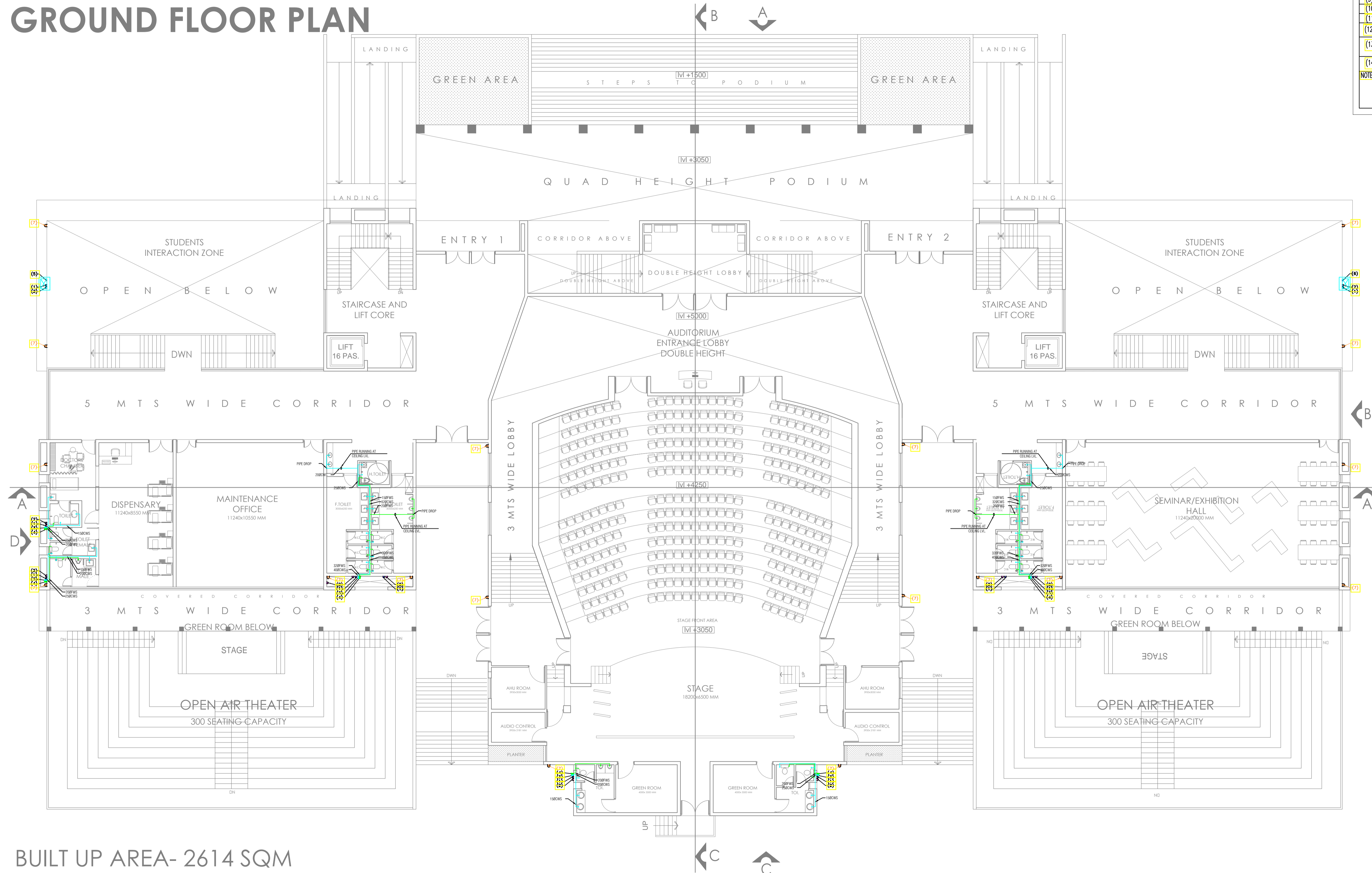
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# GROUND FLOOR PLAN

S.NO.	DESCRIPTION	SYMBOL
(1)	100# SOIL & VENT PIPE	
(2)	100# WASTE & VENT PIPE	
(3)	COLD WATER SUPPLY	
(4)	FLUSHING WATER SUPPLY	
(5)	COLD WATER RISER	
(6)	FLUSHING WATER RISER	
(7)	HOT WATER SUPPLY	
(8)	HOT WATER RETURN	
(9)	150# RAIN WATER PIPE	
(10)	VALVE	
(11)	PIPE DROP	
(12)	GULLY TRAP(SIZE-300X300)	
(13)	MANHOLE SEWER	
(14)	CATCH BASIN(SIZE-450X450)	

NOTE:-  
 1. FD TO FT 50# WASTE PIPE  
 2. WASHBASIN TO FT 32# WASTE PIPE  
 3. KITCHEN SINK/URINAL TO FT 40# WASTE PIPE



BUILT UP AREA- 2614 SQM

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 3. DO NOT SCALE THE DRAWING FOLLOW WRITTEN DIMENSION ONLY.  
 4. SHOTING SHALL BE 10MM FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANTRY AND BATHY OVERHEAD & BATHY FLOOR LEVEL SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M20.  
 7. THE DIMENSIONS OF BRICKS SHALL BE 230 X 115 X 75 MM.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. INCORPORATE ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS SHALL BE APPROVED BEFORE FIXING INSTALLATION.

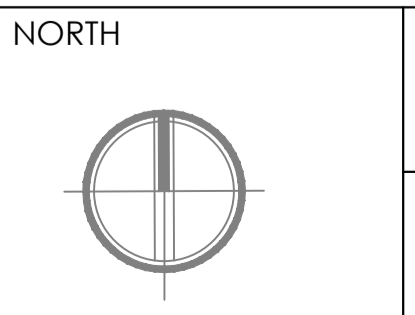
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	RAJESH	30.05.2019
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	JOB. NO.	-
	CHECKED BY	ANUJ

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**PROJECT**  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
**CLIENT**  
**CCSHAU, HISAR**

**SHEET**  
**GROUND FLOOR**  
**COMPONENT**  
**PLUMBING LAYOUT**

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 3. DO NOT SCALE THE DRAWING FOLLOW WRITTEN DIMENSION ONLY.  
 4. SHOTING SHALL BE 10MM FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANTRY AND BATHY OVERHEAD & BATHY FLOOR LEVEL SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M20.  
 7. THE DIMENSIONS OF BRICKS SHALL BE 230 X 115 X 75 MM.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. INCORPORATE ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
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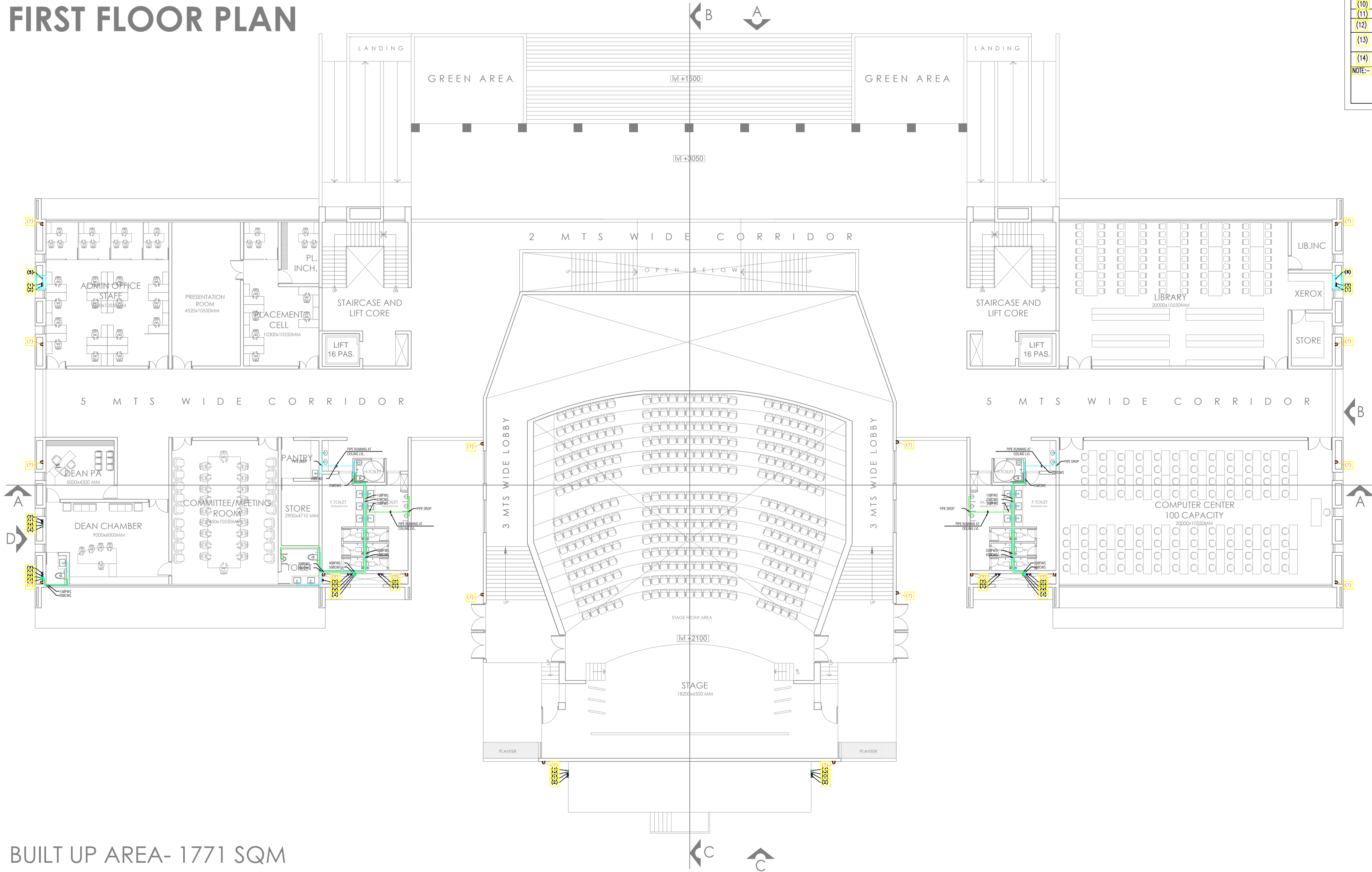


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# FIRST FLOOR PLAN

S.NO.	DESCRIPTION	SYMBOL
(1)	100# SOIL & VENT PIPE	
(2)	100# WASTE & VENT PIPE	
(3)	COLD WATER SUPPLY	
(4)	FLUSHING WATER SUPPLY	
(5)	COLD WATER RISER	
(6)	FLUSHING WATER RISER	
(7)	HOT WATER SUPPLY	
(8)	HOT WATER RETURN	
(9)	150# RAIN WATER PIPE	
(10)	VALVE	
(11)	PIPE DROP	
(12)	GULLY TRAP(SIZE-300X300)	
(13)	MANHOLE SEWER	
(14)	CATCH BASIN(SIZE-450X450)	

NOTE:-  
 1. FD TO FT 50# WASTE PIPE  
 2. WASHBASIN TO FT 32# WASTE PIPE  
 3. KITCHEN SINK/URINAL TO FT 40# WASTE PIPE



BUILT UP AREA- 1771 SQM

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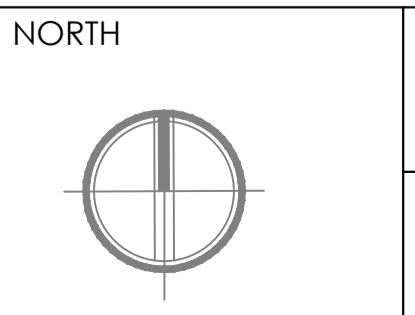
REVISIONS:	DRAWN BY	DATE
	RAJESH	30.05.2019
	SCALE	1:250
	DRG.NO.	-
	JOB. NO.	-
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**MEP CONSULTANTS:-**  
  
**SPASS Engineers**  
 MEP Consultants & Project Managers  
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 New Delhi, -110043, Ph No- 9891581648,

**PROJECT**  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
**CLIENT**  
**CCSHAU, HISAR**

**SHEET**  
**FIRST FLOOR**  
**COMPONENT**  
**PLUMBING LAYOUT**

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 4. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 5. DO NOT SCALE THE DRAWING FOLLOW WRITTEN DIMENSION ONLY.  
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# SECOND FLOOR PLAN

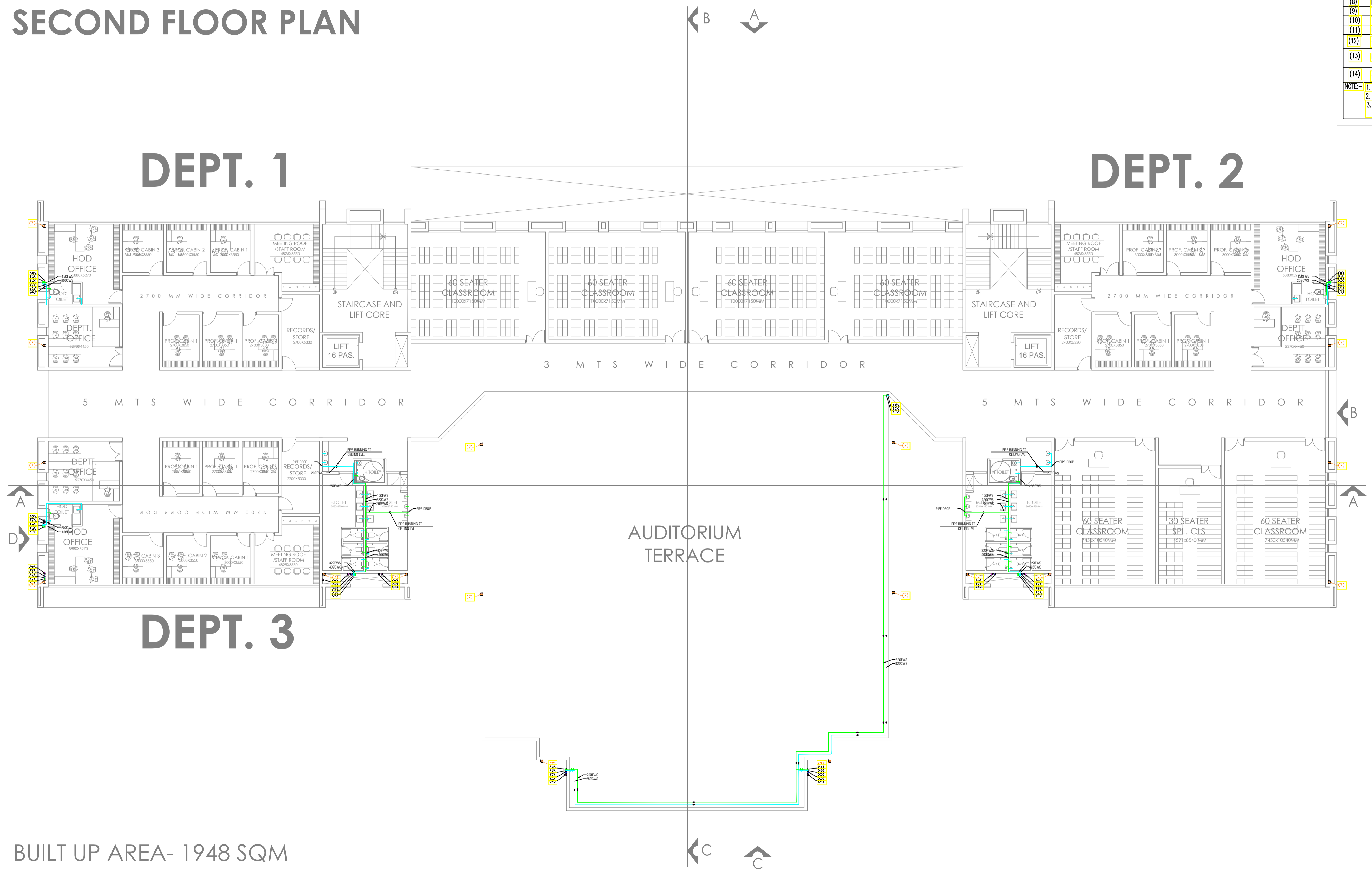
S.NO.	DESCRIPTION	SYMBOL
(1)	100# SOIL & VENT PIPE	
(2)	100# WASTE & VENT PIPE	
(3)	COLD WATER SUPPLY	
(4)	FLUSHING WATER SUPPLY	
(5)	COLD WATER RISER	
(6)	FLUSHING WATER RISER	
(7)	HOT WATER SUPPLY	
(8)	HOT WATER RETURN	
(9)	150# RAIN WATER PIPE	
(10)	VALVE	
(11)	PIPE DROP	
(12)	GULLY TRAP(SIZE-300X300)	
(13)	MANHOLE SEWER	
(14)	CATCH BASIN(SIZE-450X450)	

NOTE:-  
 1. FD TO FT 50# WASTE PIPE  
 2. WASHBASIN TO FT 32# WASTE PIPE  
 3. KITCHEN SINK/URINAL TO FT 40# WASTE PIPE

## DEPT. 1

## DEPT. 2

## DEPT. 3



BUILT UP AREA- 1948 SQM

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 4. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 5. FINISHING SHALL BE 100MM HIGH PROFINISHED FLOOR LEVEL.  
 6. TOILET FINISHING FINISHING OR FINISHING FLOOR LEVEL SHALL BE 13 MM DOWN FROM GENERAL FLOOR LEVEL.  
 7. THE GRADE OF CONCRETE TO BE USED IS M20.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS MUST BE APPROVED BEFORE FIXING INSTALLATION.

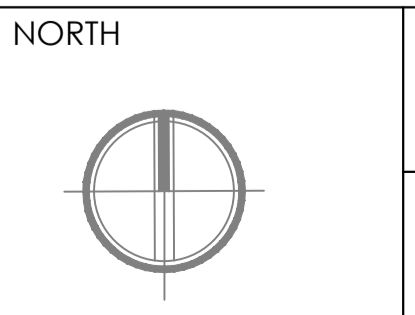
REVISIONS:	DRAWN BY	DATE
	RAJESH	30.05.2019
	SCALE	1:250
	DRG.NO.	-
	JOB. NO.	-
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**MEP CONSULTANTS:-**  
  
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**PROJECT**  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
**CLIENT**  
**CCSHAU, HISAR**

**SHEET**  
**SECOND FLOOR**  
**COMPONENT**  
**PLUMBING LAYOUT**

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 5. FINISHING SHALL BE 100MM HIGH PROFINISHED FLOOR LEVEL.  
 6. TOILET FINISHING FINISHING OR FINISHING FLOOR LEVEL SHALL BE 13 MM DOWN FROM GENERAL FLOOR LEVEL.  
 7. THE GRADE OF CONCRETE TO BE USED IS M20.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE ARCHITECT.  
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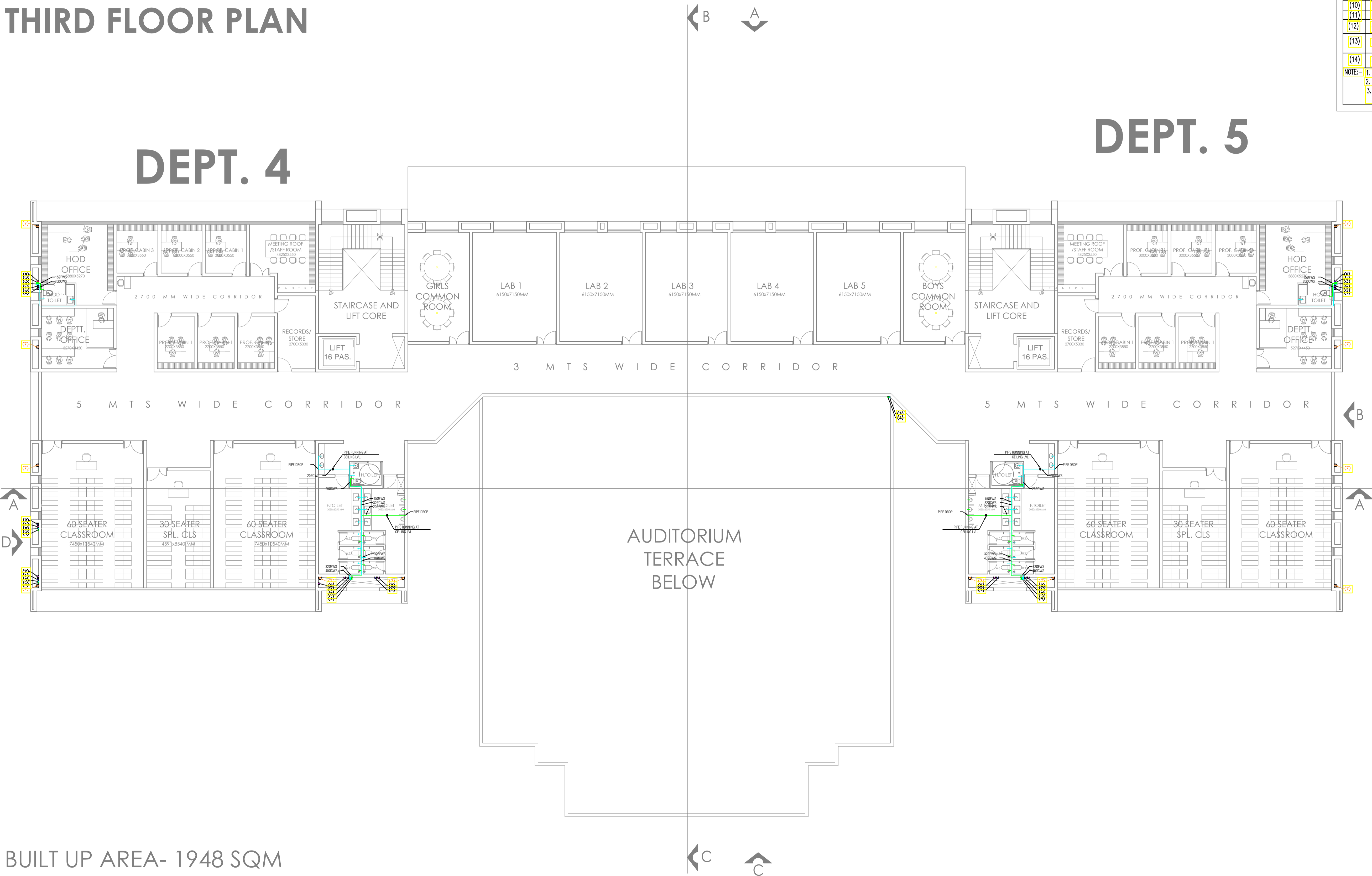


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# THIRD FLOOR PLAN

## DEPT. 4

## DEPT. 5



S.NO.	DESCRIPTION	SYMBOL
(1)	100# SOIL & VENT PIPE	
(2)	100# WASTE & VENT PIPE	
(3)	COLD WATER SUPPLY	
(4)	FLUSHING WATER SUPPLY	
(5)	COLD WATER RISER	
(6)	FLUSHING WATER RISER	
(7)	HOT WATER SUPPLY	
(8)	HOT WATER RETURN	
(9)	150# RAIN WATER PIPE	
(10)	VALVE	
(11)	PIPE DROP	
(12)	GULLY TRAP(SIZE-300X300)	
(13)	MANHOLE SEWER	
(14)	CATCH BASIN(SIZE-450X450)	

NOTE:-  
 1. FD TO FT 50# WASTE PIPE  
 2. WASHBASIN TO FT 32# WASTE PIPE  
 3. KITCHEN SINK/URINAL TO FT 40# WASTE PIPE

BUILT UP AREA- 1948 SQM

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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 100 TO 150 MM PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE READINGS.  
 4. SHOOTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANTRY, KITCHEN OVERSINK & SHOWER FLOOR LEVEL SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M20.  
 7. THE DIMENSIONS OF BRICKS, OVERSINK & SHOWER SHALL BE 230 X 115 X 75 MM.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE, ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS/SAMPLES SHOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

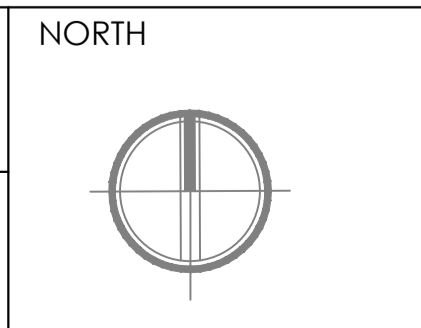
REVISIONS:	DRAWN BY	DATE
	RAJESH	30.05.2019
	SCALE	1:250
	DRG.NO.	-
	JOB. NO.	-
	CHECKED BY	ANUJ

MEP CONSULTANTS:-
<b>SPASS Engineers</b>
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PROJECT	SHEET
<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>	<b>THIRD FLOOR</b>
CLIENT <b>CCSHAU, HISAR</b>	COMPONENT <b>PLUMBING LAYOUT</b>

NOTES:
1. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY. 2. ALL DIMENSIONS AND LEVELS ARE IN MM. 3. 100 TO 150 MM PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE READINGS. 4. SHOOTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL. 5. TOILET PANTRY, KITCHEN OVERSINK & SHOWER FLOOR LEVEL SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL. 6. THE GRADE OF CONCRETE TO BE USED IS M20. 7. THE DIMENSIONS OF BRICKS, OVERSINK & SHOWER SHALL BE 230 X 115 X 75 MM. 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE, ARCHITECT. 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR. 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR. 11. ALL STORE HOLDINGS/SAMPLES SHOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

REVISIONS:

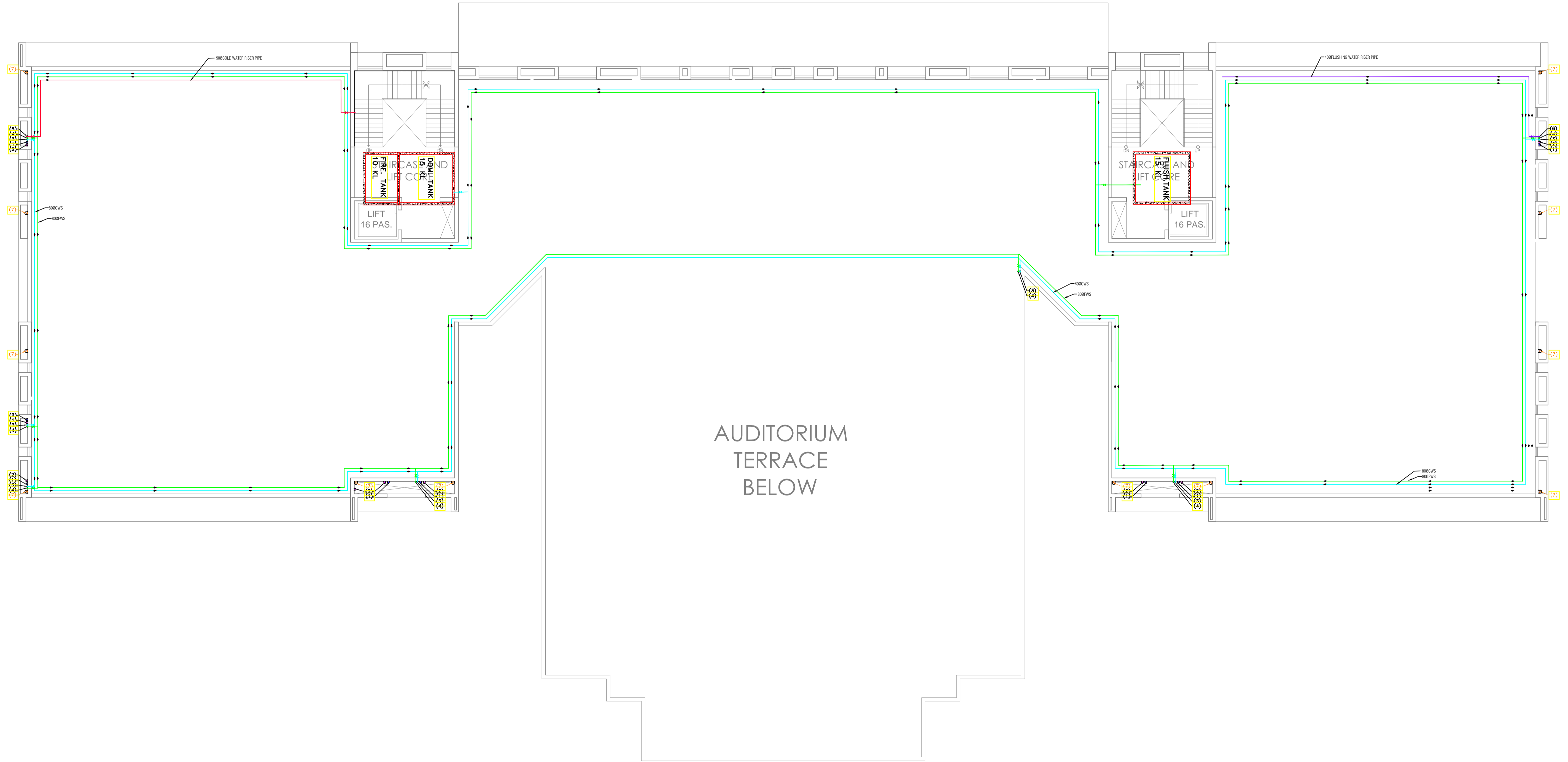


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# TERRACE PLAN

S.NO.	DESCRIPTION	SYMBOL
(1)	100# SOIL & VENT PIPE	
(2)	100# WASTE & VENT PIPE	
(3)	COLD WATER SUPPLY	
(4)	FLUSHING WATER SUPPLY	
(5)	COLD WATER RISER	
(6)	FLUSHING WATER RISER	
(7)	HOT WATER SUPPLY	
(8)	HOT WATER RETURN	
(9)	150# RAIN WATER PIPE	
(10)	VALVE	
(11)	PIPE DROP	
(12)	GULLY TRAP(SIZE-300X300)	
(13)	MANHOLE SEWER	
(14)	CATCH BASIN(SIZE-450X450)	

NOTE:-  
 1. FD TO FT 50# WASTE PIPE  
 2. WASHBASIN TO FT 32# WASTE PIPE  
 3. KITCHEN SINK/URINAL TO FT 40# WASTE PIPE



BUILT UP AREA- 1948 SQM

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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 100 TO 150 MM PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE WALLS.  
 4. SLOTTING SHALL BE 100MM HIGH PROFIL FINISHED FLOOR LEVEL.  
 5. TOILET FANTRY, KITCHEN OVERHANG & BATHROOM FLOOR LEVEL SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M20.  
 7. THE DIMENSIONS OF BRICKS TO BE USED SHALL BE 200 X 100 X 75 MM.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. IN CHARGE ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS SHALL HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

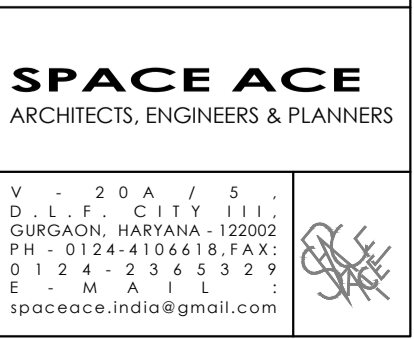
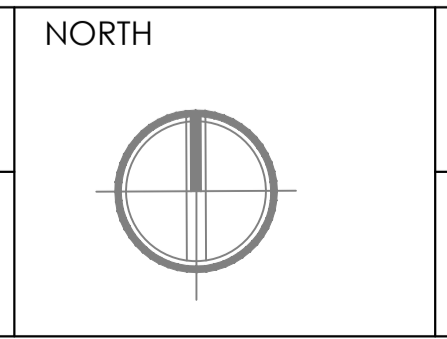
REVISIONS:	DRAWN BY	DATE
	RAJESH	30.05.2019
	SCALE	1:250
	DRG.NO.	-
	JOB. NO.	-
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 MEP Consultants & Project Managers  
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 New Delhi, -110043, Ph No- 9891581648,

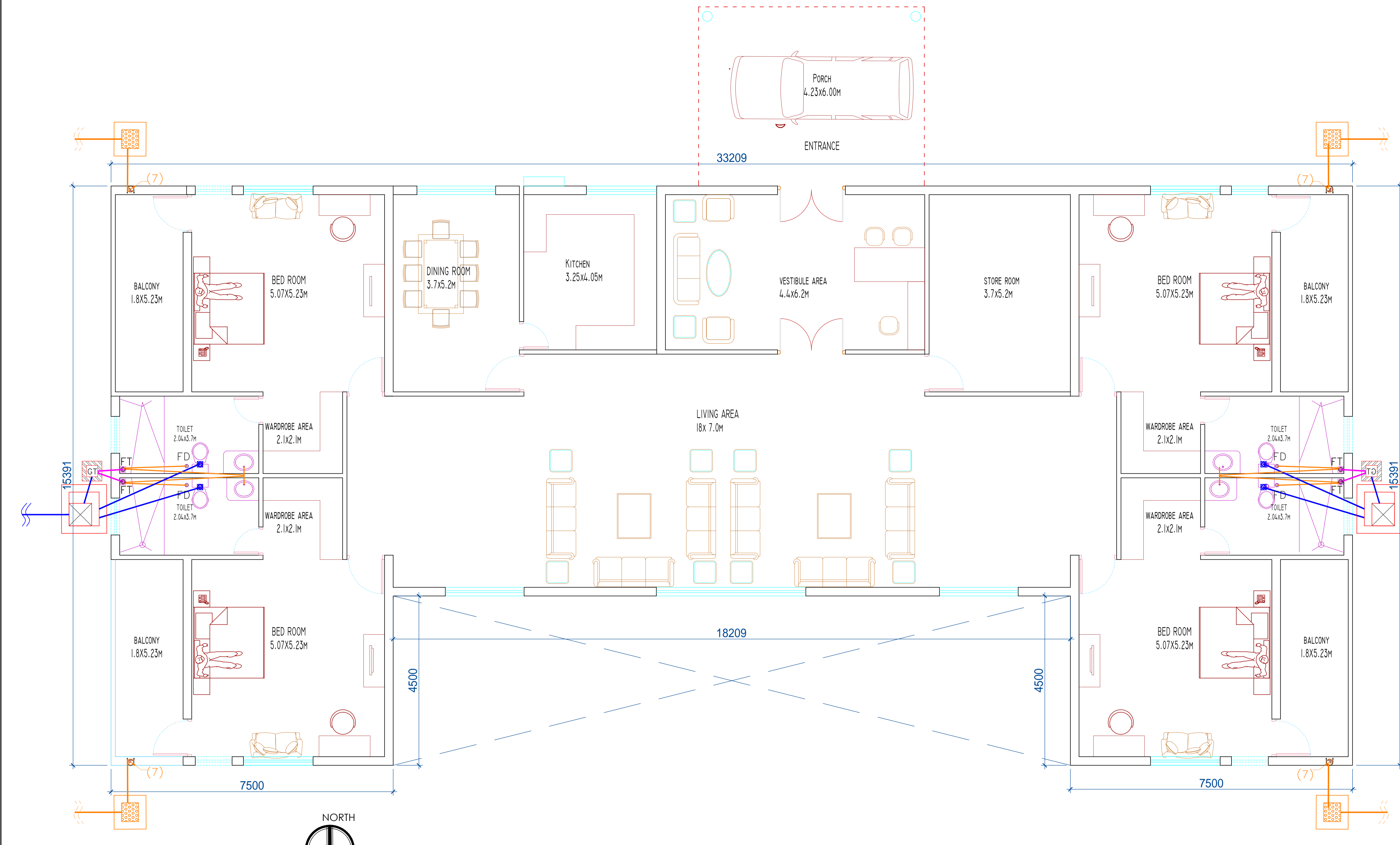
**PROJECT**  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
**CLIENT**  
**CCSHAU, HISAR**

**SHEET**  
**TERRACE FLOOR**  
**COMPONENT**  
**PLUMBING LAYOUT**

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# FACULTY TRANSIT HOUSE PLAN



**BUILT UP AREA- 429 SQM**

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  - TOOTH SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.
  - ALL DIMENSIONS AND LEVELS ARE IN MM.
  - 450 TO 100 WORK PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
  - SKIRTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.
  - TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.
  - THE GRADE OF CONCRETE TO BE USED IS M-25.
  - THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.
  - LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE ARCHITECT.
  - ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.
  - ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.
  - ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

REVISIONS:	DRAWN BY	DATE	SCALE	DRG.NO.	JOB. NO.	CHECKED BY
	RAJESH	10.06.2019	N.T.S		-	-

<b>PROJECT</b>	<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>
<b>CLIENT</b>	<b>CCSHAU, HISAR</b>

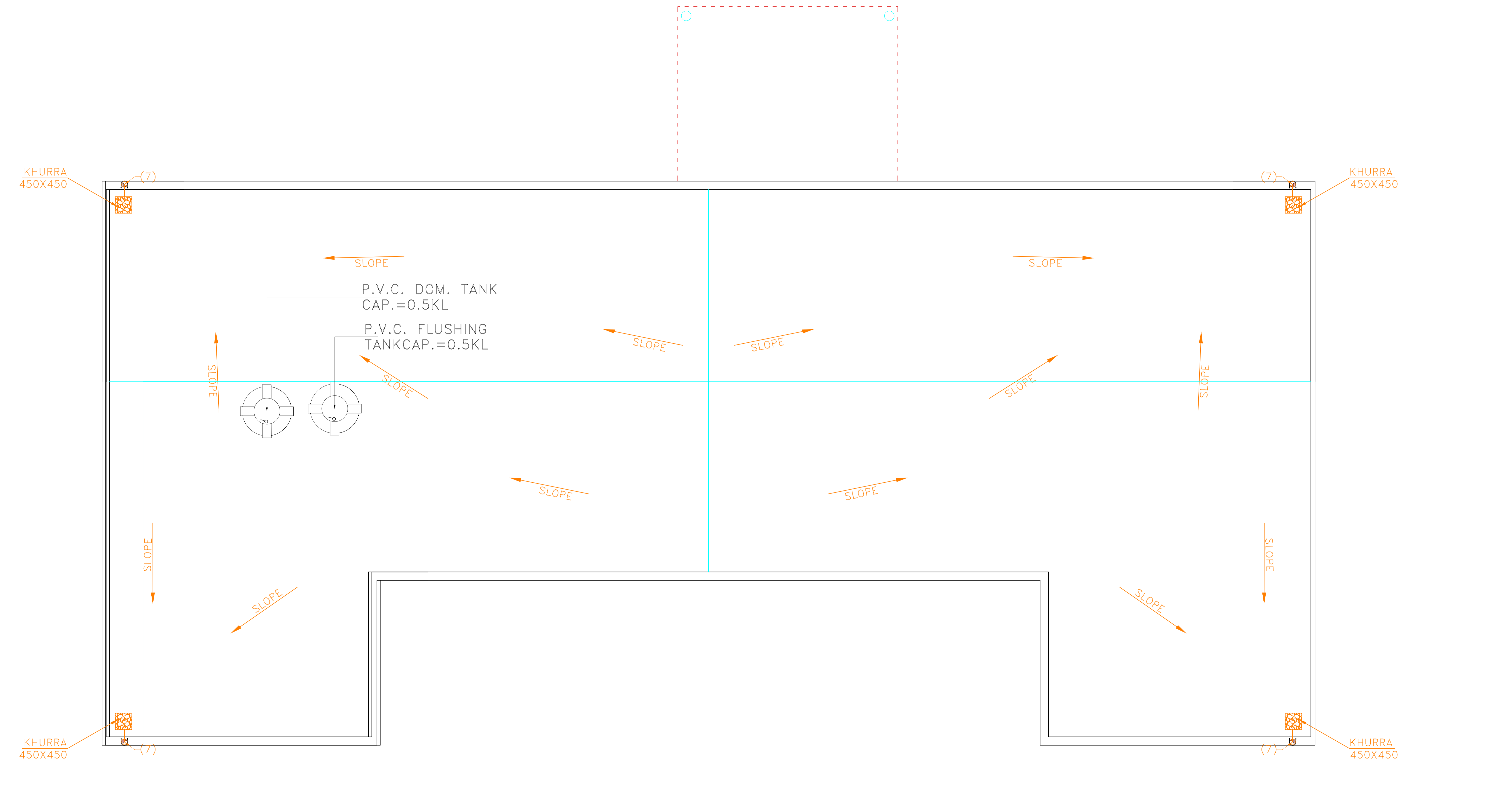
<b>SHEET</b>	<b>FLOOR PLAN</b>
<b>COMPONENT</b>	<b>DRAINAGE LAYOUT</b>

**MEP CONSULTANTS:-**  
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# FACULTY TRANSIT HOUSE PLAN



**BUILT UP AREA- 429 SQM**

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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450-750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. DRAINING SHALL BE 15MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M25.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE/ ARCHITECT.  
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SCALE	N.T.S
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JOB. NO.	-
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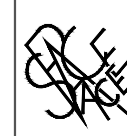
PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
CLIENT	CCSHAU, HISAR

SHEET	TERRACE LAYOUT
COMPONENT	DRAINAGE LAYOUT

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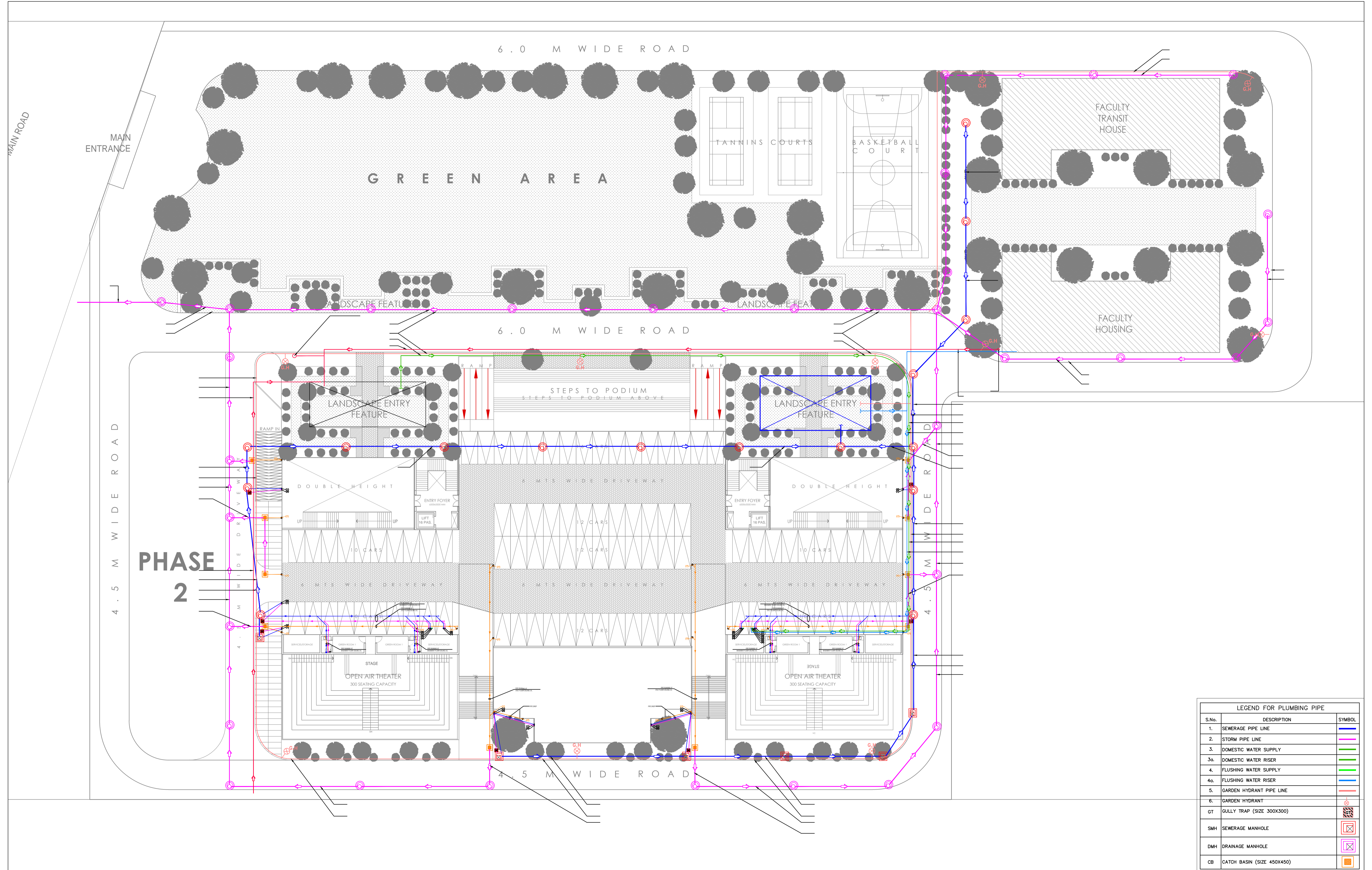
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**N) PLUMBING DRAWINGS-  
FACULTY TRANSIT HOUSE**



# O) DRAINAGE DRAWINGS



LEGEND FOR PLUMBING PIPE		
S.No.	DESCRIPTION	SYMBOL
1.	SEWERAGE PIPE LINE	
2.	STORM PIPE LINE	
3.	DOMESTIC WATER SUPPLY	
3a.	DOMESTIC WATER RISER	
4.	FLUSHING WATER SUPPLY	
4a.	FLUSHING WATER RISER	
5.	GARDEN HYDRANT PIPE LINE	
6.	GARDEN HYDRANT	
GT	GULLY TRAP (SIZE 300X300)	
SMH	SEWERAGE MANHOLE	
DMH	DRAINAGE MANHOLE	
CB	CATCH BASIN (SIZE 450X450)	

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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 100 TO 150 MM PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SLOTTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANS/STAINLESS STEEL SINKS & BATHS SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M20.  
 7. THE DIMENSIONS OF BRICKS, CEMENTS & SANDS SHALL BE AS PER IS STANDARDS.  
 8. LOCATION, SIZE & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENCL. INCORPORATE ARCHITECT.  
 9. ALL MEASUREMENTS MUST BE CHECKED BY SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STORE HOLDINGS SHALL HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

REVISIONS:	DRAWN BY	DATE
	RAJESH	30.05.2019
	SCALE	1:250
	DRG.NO.	-
	JOB. NO.	-
	CHECKED BY	ANUJ

**MEP CONSULTANTS:-**  
  
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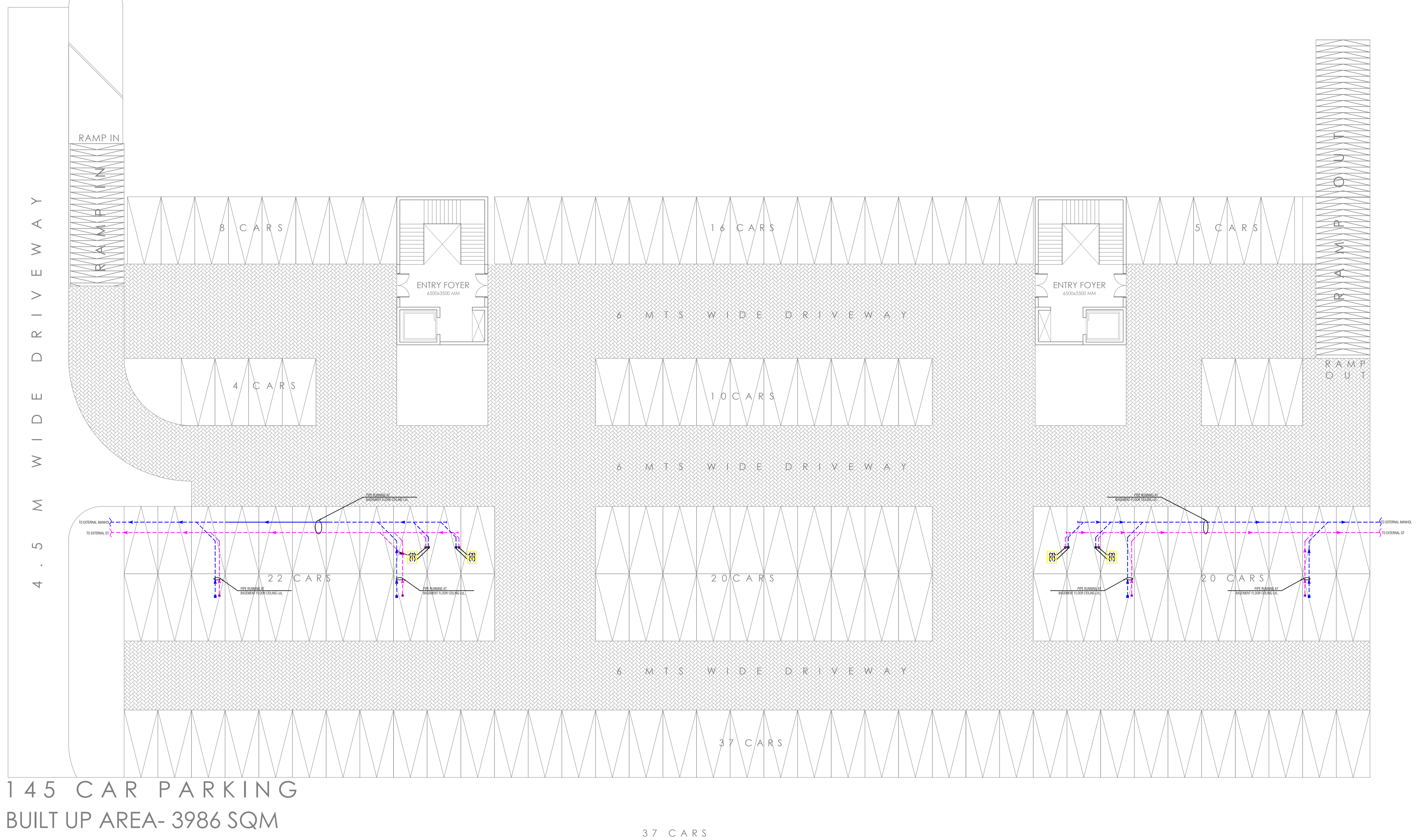
**PROJECT**  
**AGRI BUSINESS INSTITUTE, GURUGRAM**  
**CLIENT**  
**CCSHAU, HISAR**

**SHEET**  
**SITE PLAN**  
**COMPONENT**  
**SITE DRAINAGE**

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 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 100 TO 150 MM PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SLOTTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANS/STAINLESS STEEL SINKS & BATHS SHALL BE 15 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M20.  
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# BASEMENT FLOOR PLAN



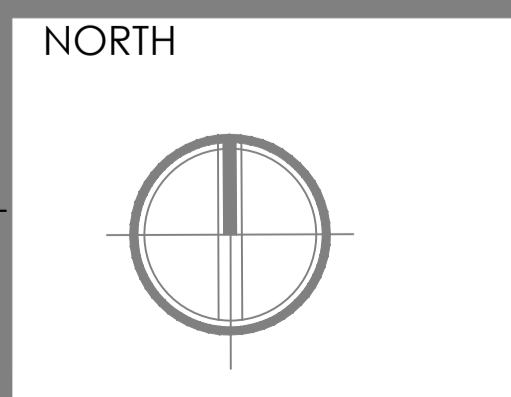
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 NOTE:-  
 1. TOOTH SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450 TO 100 WORK PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL, SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-25.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE ARCHITECT.  
 9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

REVISIONS:	

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DATE	8.05.2019
SCALE	N.T.S
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PROJECT	<b>AGRI BUSINESS INSTITUTE, GURUGRAM</b>
CLIENT	<b>CCSHAU, HISAR</b>

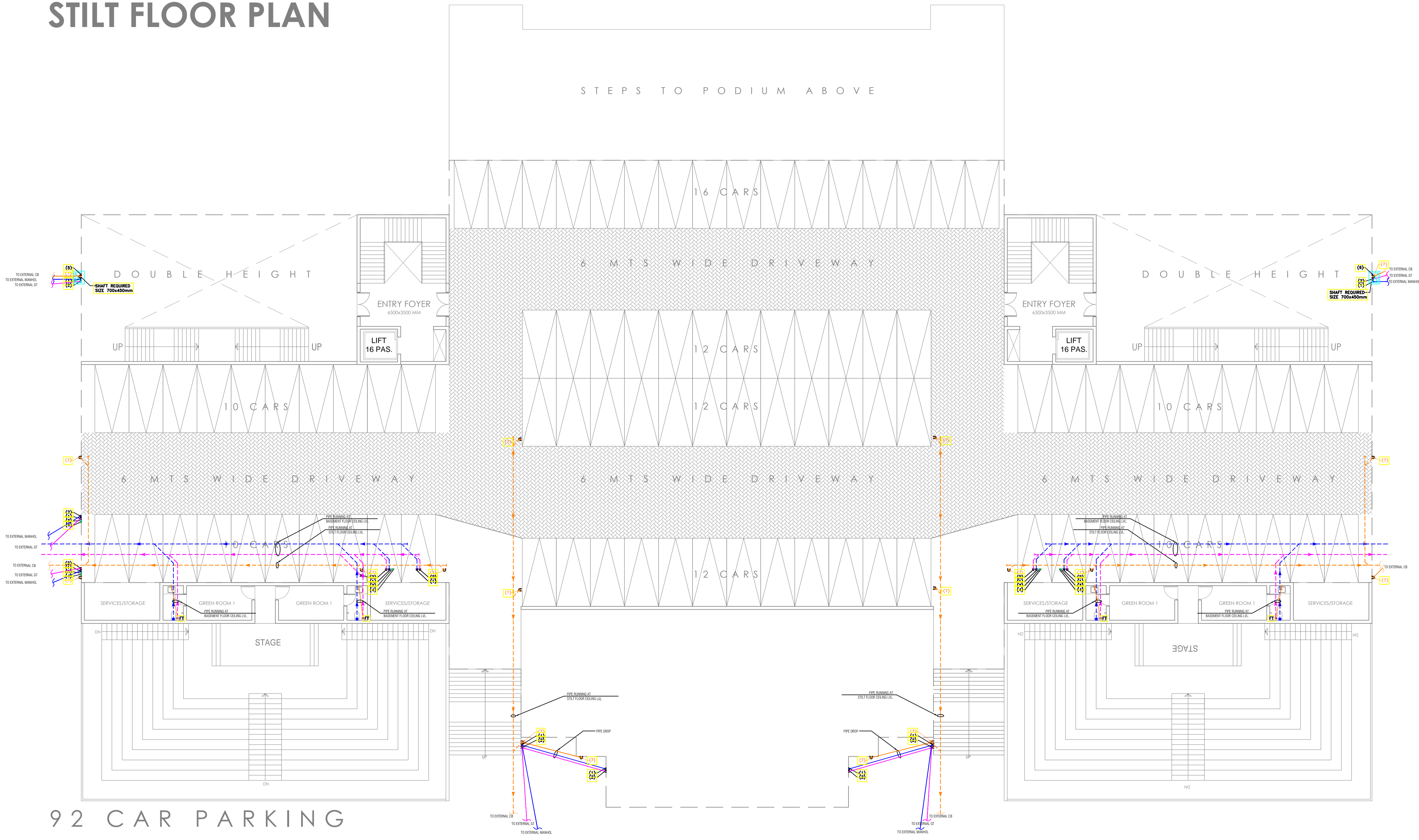
SHEET	<b>BASEMENT FLOOR</b>
COMPONENT	<b>DRAINAGE LAYOUT</b>



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# STILT FLOOR PLAN



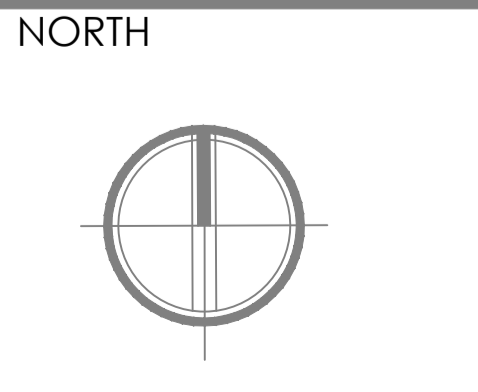
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 NOTE:-  
 1. TO THE SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450 TO 700 WORK PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-25.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE ARCHITECT.  
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 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.  
 11. ALL STONE WORKSAMPLERS WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

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PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
CLIENT	CCSHAU, HISAR

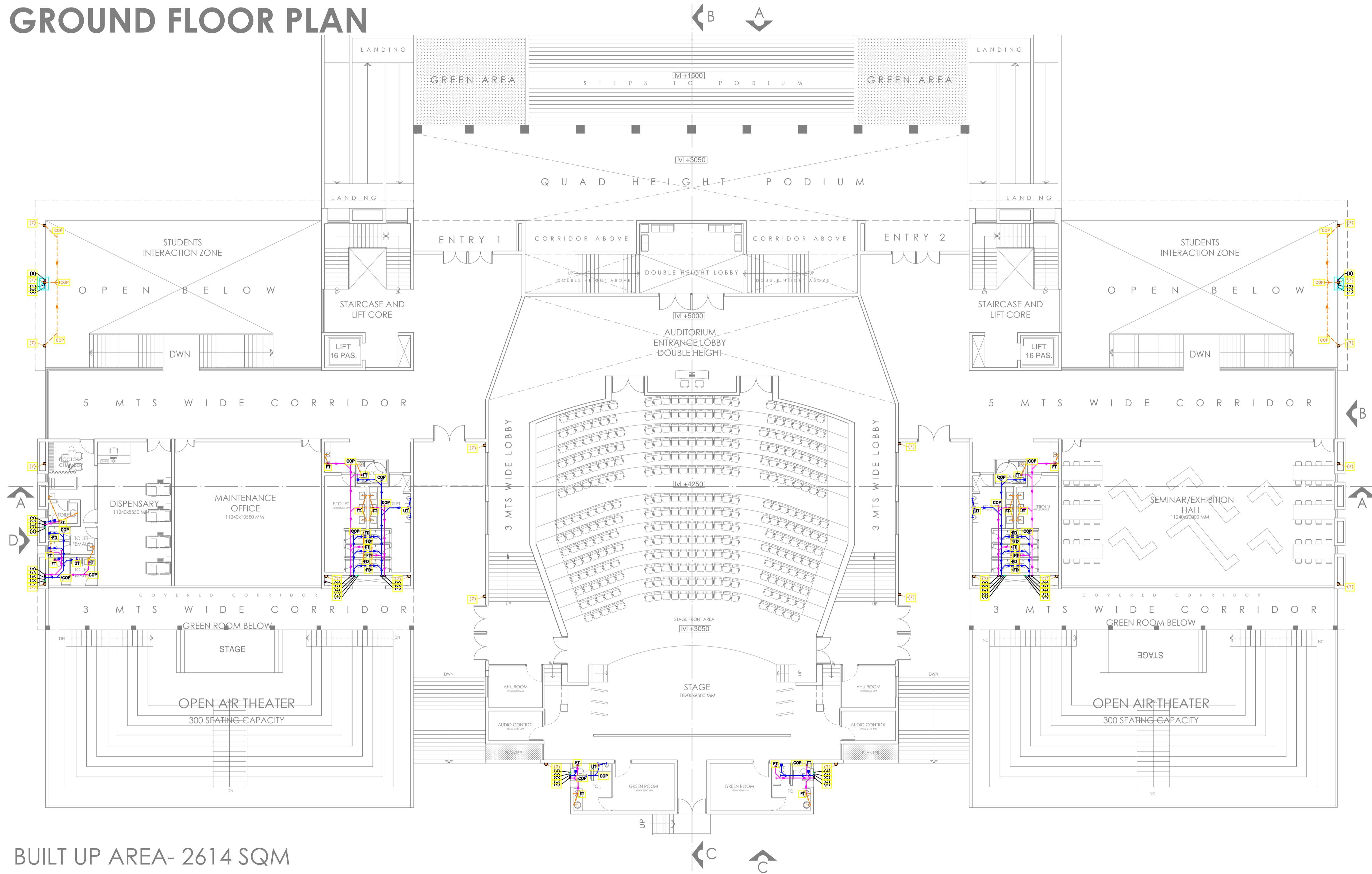
SHEET	STILT FLOOR
COMPONENT	DRAINAGE LAYOUT



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# GROUND FLOOR PLAN



BUILT UP AREA- 2614 SQM

## NOTES:

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2. TO DIM SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.
3. ALL DIMENSIONS AND LEVELS ARE IN MM.
4. 450 TOE WORK PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
5. SKIRTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.
6. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.
7. THE GRADE OF CONCRETE TO BE USED IS M-25.
8. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.
9. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGR. INCHARGE ARCHITECT.
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12. ALL STONE WORKS/SAMPLES WOULD HAVE TO BE APPROVED BEFORE FIXING INSTALLATION.

## REVISIONS:

NO.	DESCRIPTION

## DRAWN BY

SUMEET  
DATE 8.05.2019  
SCALE N.T.S  
DRG.NO.  
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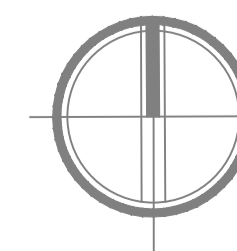
## PROJECT

AGRI BUSINESS INSTITUTE, GURUGRAM  
CLIENT CESHOU, HISAR

## SHEET

GROUND FLOOR  
COMPONENT DRAINAGE LAYOUT

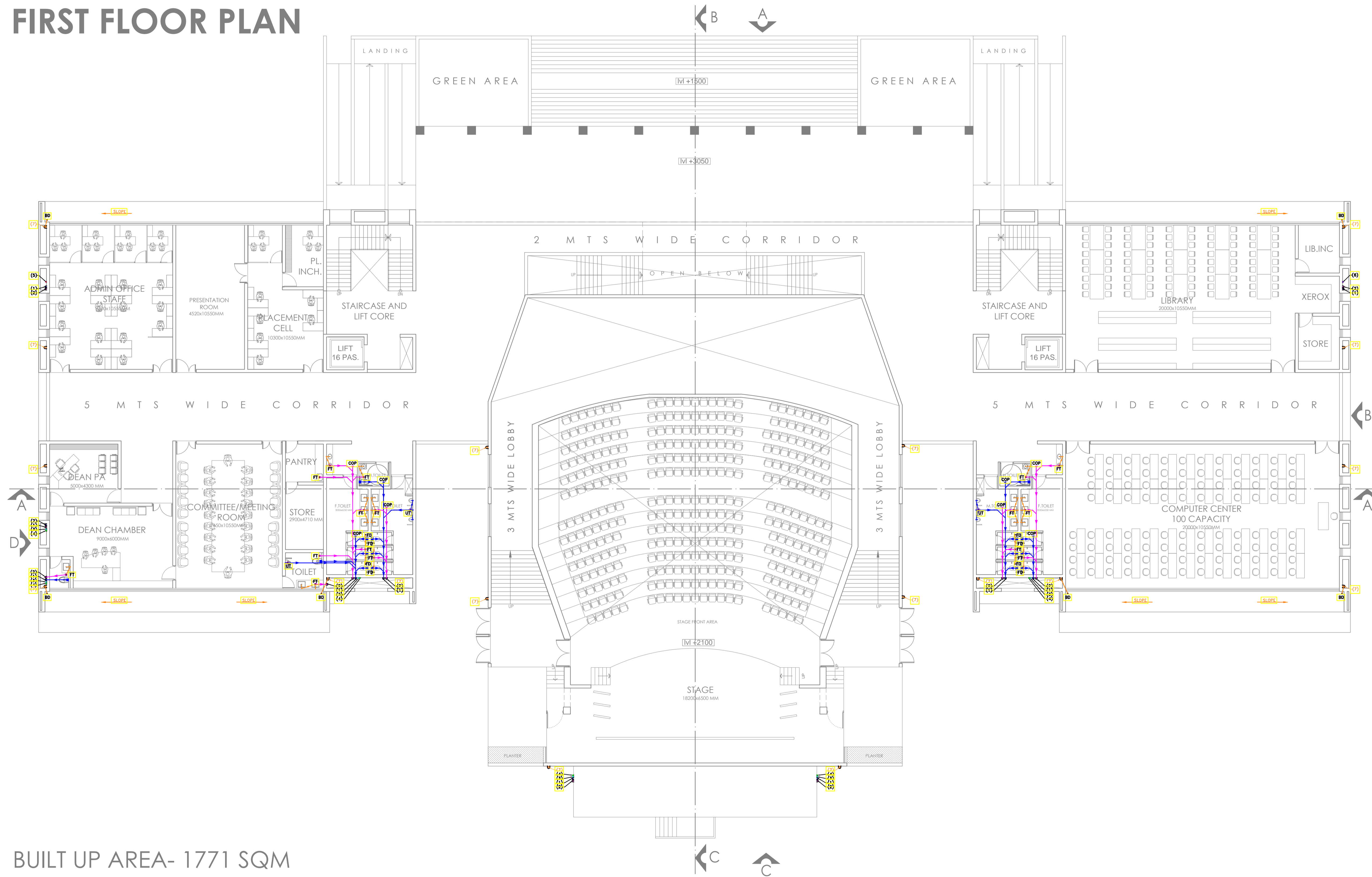
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# FIRST FLOOR PLAN



BUILT UP AREA- 1771 SQM

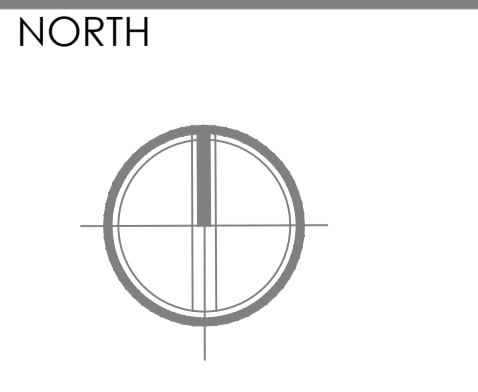
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 NOTE:-  
 1. TOOTH SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450 TO 750 WORK PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN, VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-25.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.  
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REVISIONS:	

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SCALE	N.T.S
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PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
CLIENT	CCSHAU, HISAR

SHEET	FIRST FLOOR
COMPONENT	DRAINAGE LAYOUT

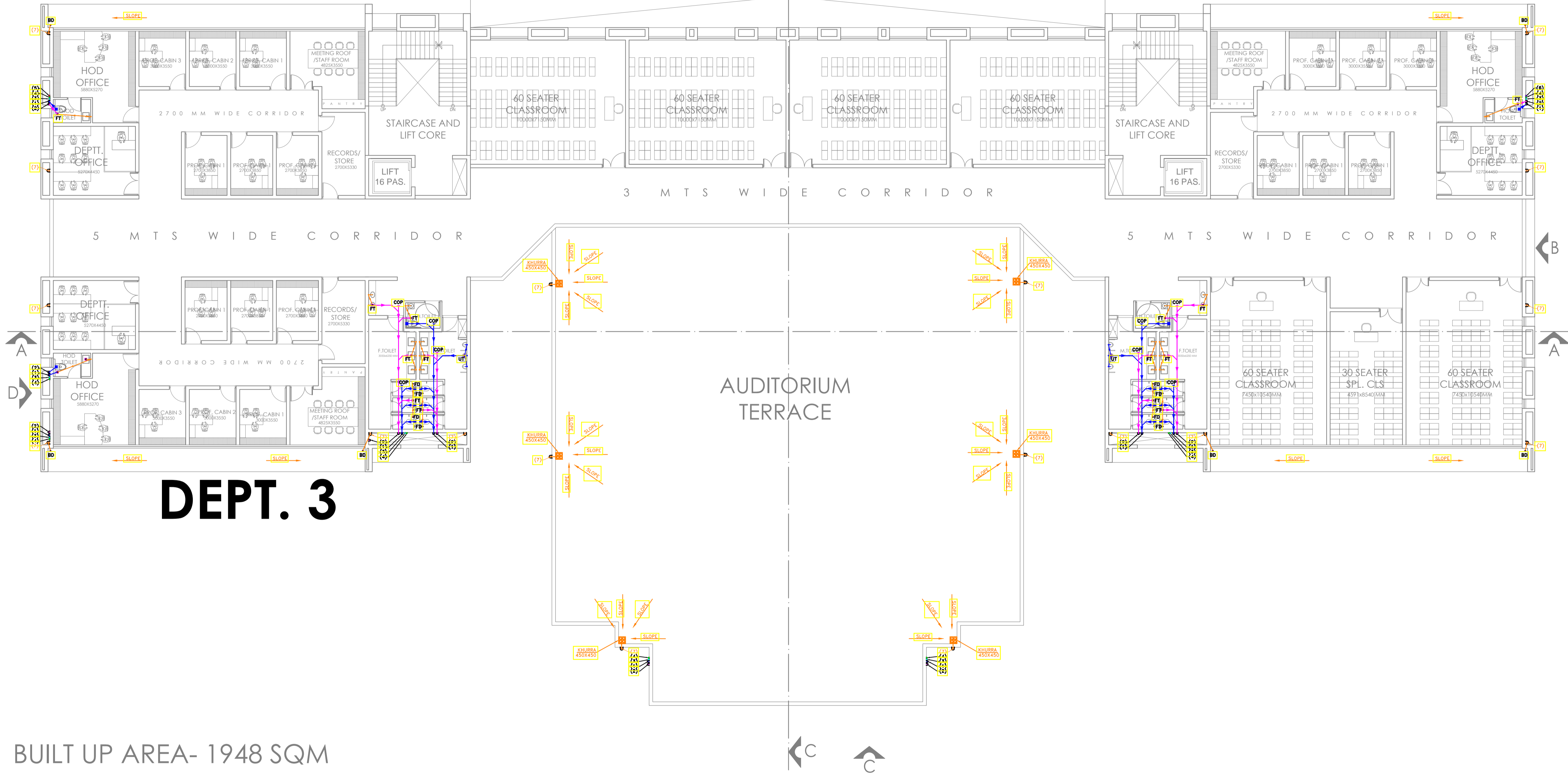


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# SECOND FLOOR PLAN

## DEPT. 1

## DEPT. 2



## DEPT. 3

BUILT UP AREA- 1948 SQM

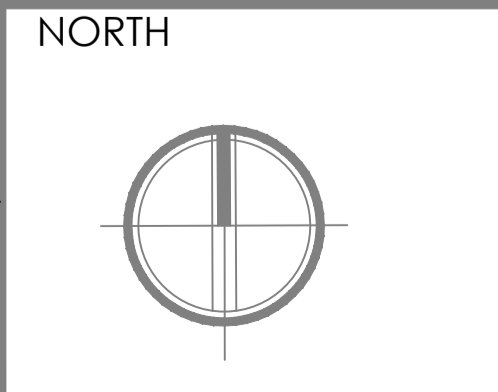
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 4. SKIRTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.  
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REVISIONS:	

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SCALE	N.T.S
DRG.NO.	
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PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
CLIENT	CCSHAU, HISAR

SHEET	SECOND FLOOR
COMPONENT	DRAINAGE LAYOUT

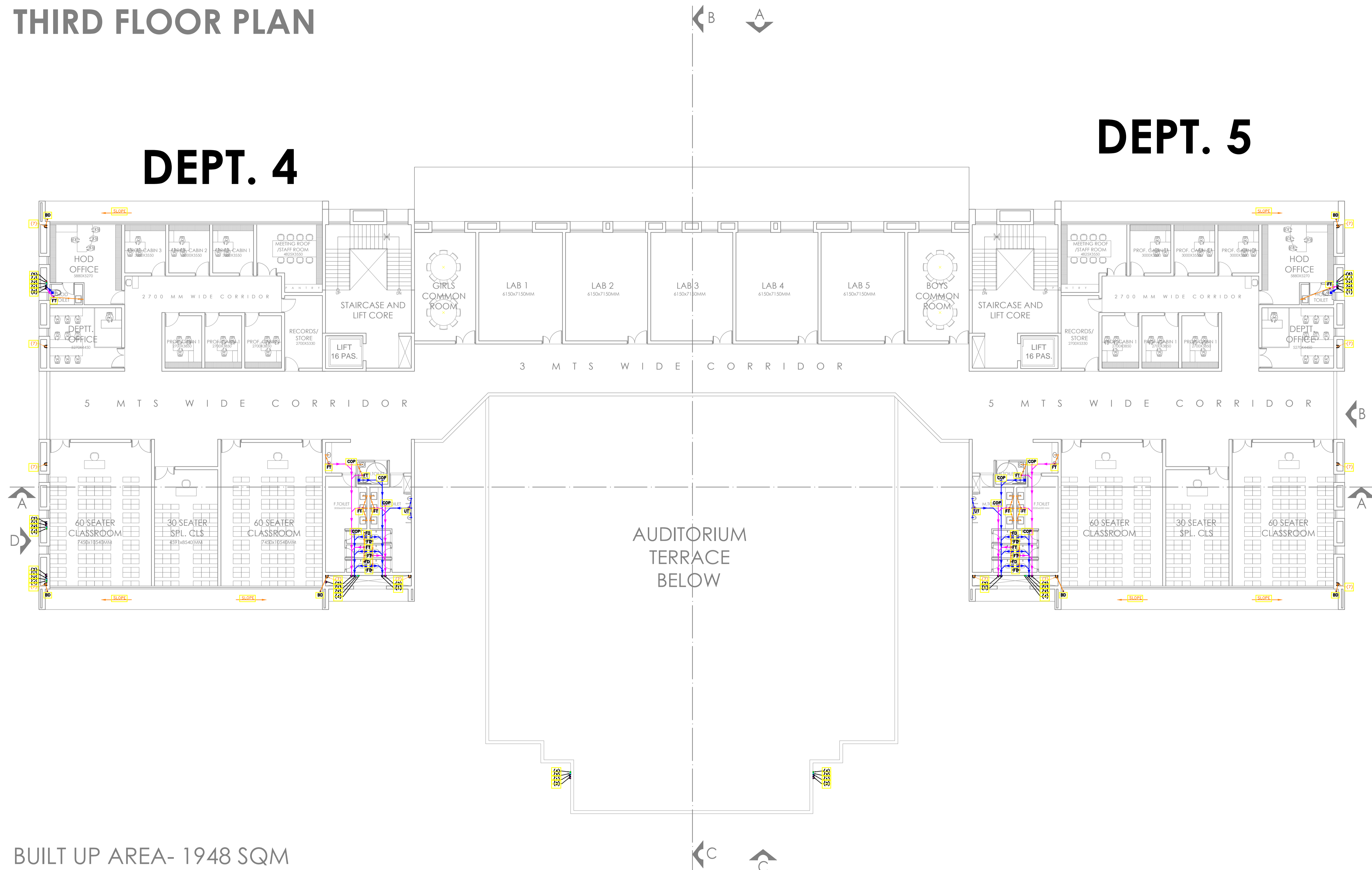


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# THIRD FLOOR PLAN

## DEPT. 4

## DEPT. 5



BUILT UP AREA- 1948 SQM

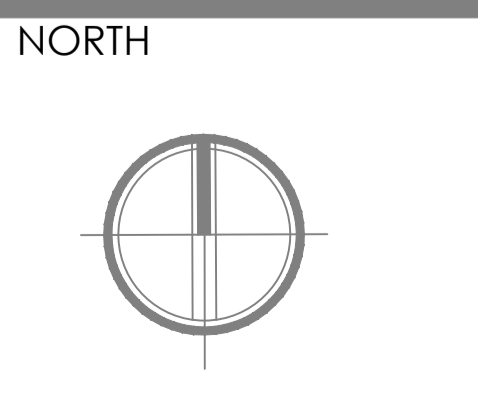
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REVISIONS:	

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PROJECT	AGRI BUSINESS INSTITUTE, GURUGRAM
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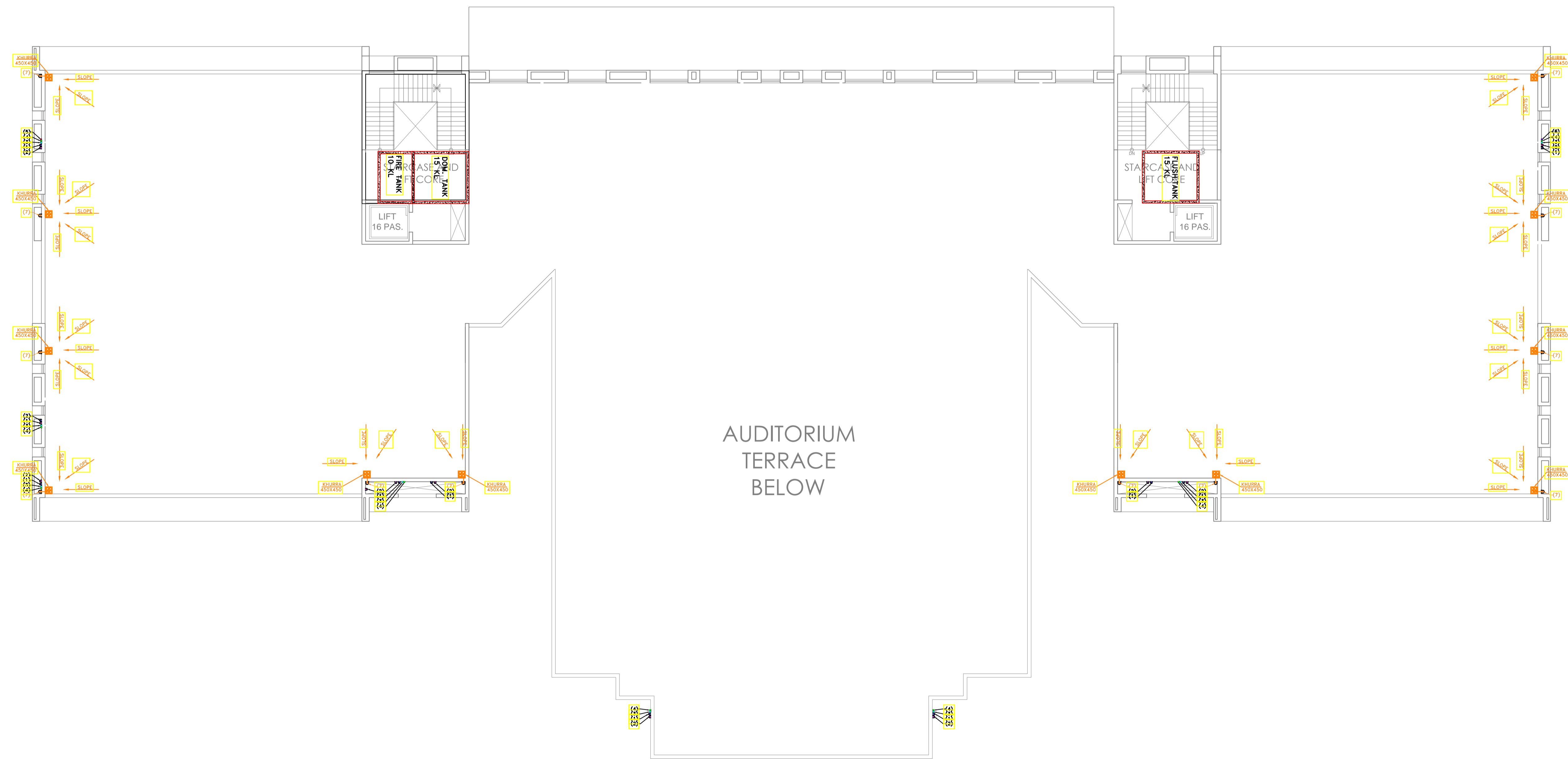
SHEET	THIRD FLOOR
COMPONENT	DRAINAGE LAYOUT



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# TERRACE FLOOR PLAN



BUILT UP AREA- 1948 SQM

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- 2. ALL DIMENSIONS AND LEVELS ARE IN MM.
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- 4. SKIRTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.
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SUMEET

**DATE**

8.05.2019

**SCALE**

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**CLIENT**

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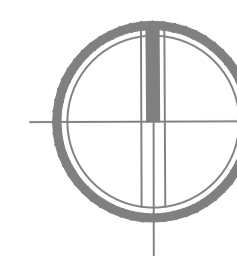
**SHEET**

TERRACE FLOOR

**COMPONENT**

DRAINAGE LAYOUT

**NORTH**



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