



**SUKKUR IBA UNIVERSITY**

**TENDER DRAWINGS  
FOR  
CONSTRUCTION  
OF  
NASTECH PARK AT  
SUKKUR IBA UNIVERSITY**

**CIVIL, ELECTRICAL, PLUMBING  
AND  
FIRE FIGHTING WORKS**

**Lead Consultant**  
**Naqvi & Siddiquie**  
**Inc. Architects - Islamabad**  
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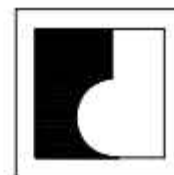
**JV Member**  
**Designmen Consulting Engineers (Pvt.) Ltd.**  
1st Floor, 9-west, Rizwan Plaza, Blue Area  
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# NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY

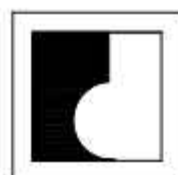
## TENDER DRAWINGS



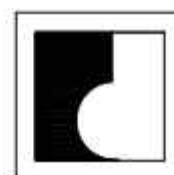
**MAIN CONSULTANTS**  
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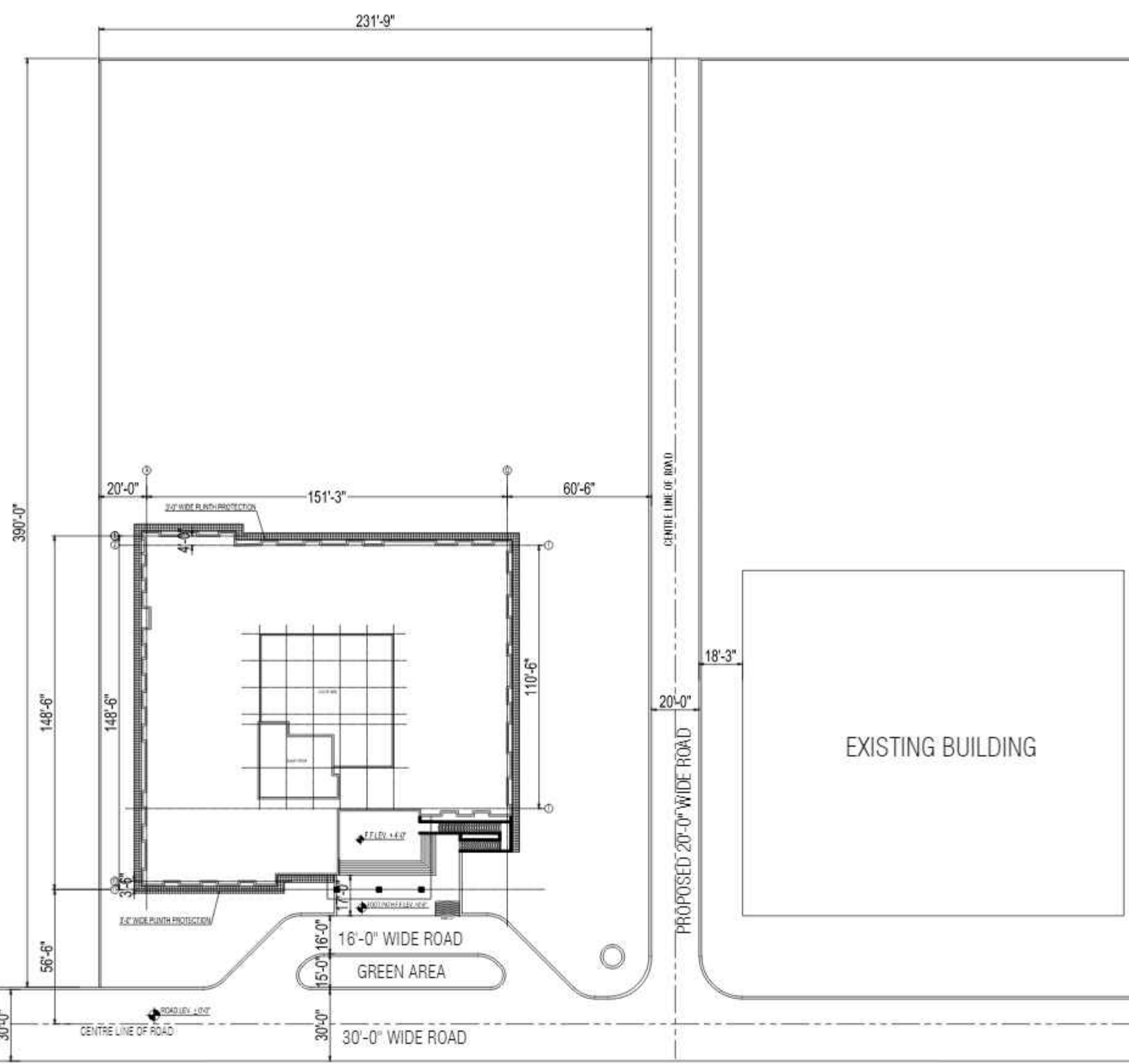
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PLUMBING ENGINEERS (Pvt) LTD.  
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# NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY

## TENDER DRAWINGS SCHEDULE OF ARCHITECTURAL DRAWING

DRG.NO	DRAWING TITLE		
A-01	SITE PLAN	A-15	FURNITURE LAYOUT (1ST FLOOR PLAN)
A-02	GROUND FLOOR PLAN	A-16	FURNITURE LAYOUT (2ND FLOOR PLAN)
A-03	1ST FLOOR PLAN	A-17	FALSCEILING PLAN (GROUND FLOOR PLAN)
A-04	2ND FLOOR PLAN	A-18	FALSCEILING PLAN (1ST FLOOR PLAN)
A-05	ROOF FLOOR PLAN	A-19	FALSCEILING PLAN (2ND FLOOR PLAN)
A-06	ELEVATION-1,2	A-20	FALSCEILING PLAN (MUMTY FLOOR PLAN)
A-07	ELEVATION-3,4	A-21	FLOOR FINISHES (GROUND FLOOR PLAN)
A-08	SECTION AA,BB	A-22	FLOOR FINISHES (1ST FLOOR PLAN)
A-09	DETAIL OF DOOR	A-23	FLOOR FINISHES (2ND FLOOR PLAN)
A-10	DETAIL OF WINDOWS	A-24	FLOOR FINISHES (MUMTY FLOOR PLAN)
A-11	DETAILS OF TOILET	A-25	MISCELLANEOUS DETAIL
A-12	DETAILS OF STAIR	A-26	SCHEDULE OF FINISHES SHEET-1
A-13	DETAILS OF LIFT	A-27	SCHEDULE OF FINISHES SHEET-2
A-14	FURNITURE LAYOUT (GROUND FLOOR PLAN)		

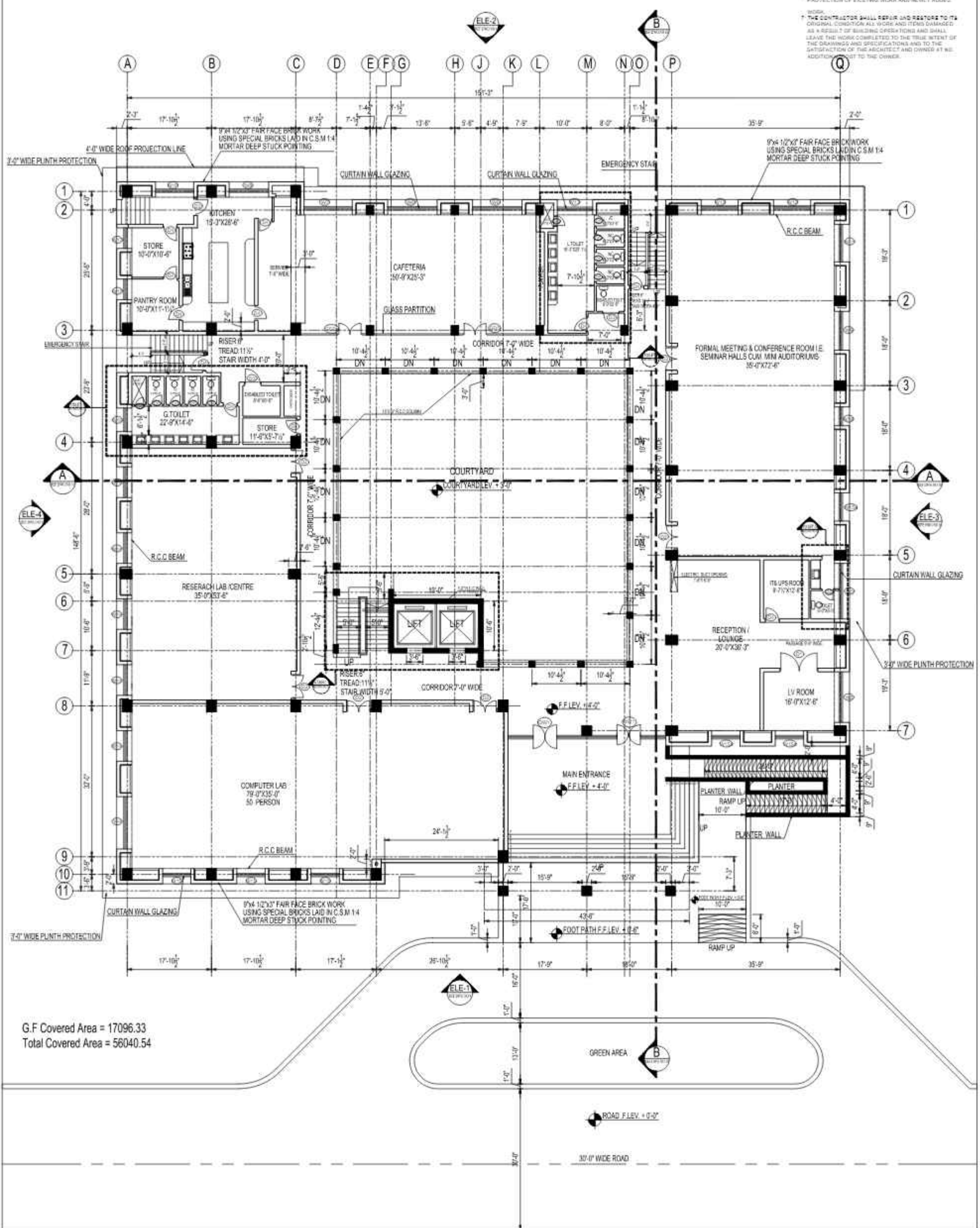
- GENERAL NOTES**
- COORDINATE ALL DIMENSIONS WITH CONSULTANT/ARCHITECT DRAWINGS AND SPECIFICATIONS.
  - ALL DIMENSIONS SHALL BE TAKEN FROM THE PROJECT'S CENTERLINE UNLESS OTHERWISE SPECIFIED.
  - CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE SUDANESE STANDARDS.
  - ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.
  - THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND SERVICES AT ALL TIMES.
  - THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND SERVICES AT ALL TIMES.



WORKING DRAWING	REVISIONS				DATE	BY	PROJECT	PROJECT TITLE	DRAWING TITLE	PROJECT ARCHITECT	CONSULTANT NAME AND ADDRESS	DESIGNER	CHECKED	DATE
	1													
	2						SUKKUR IBA UNIVERSITY	NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY	SITE PLAN					
	3													
	4													
	5													
	6													
	7													
	8													
	9													
	10													



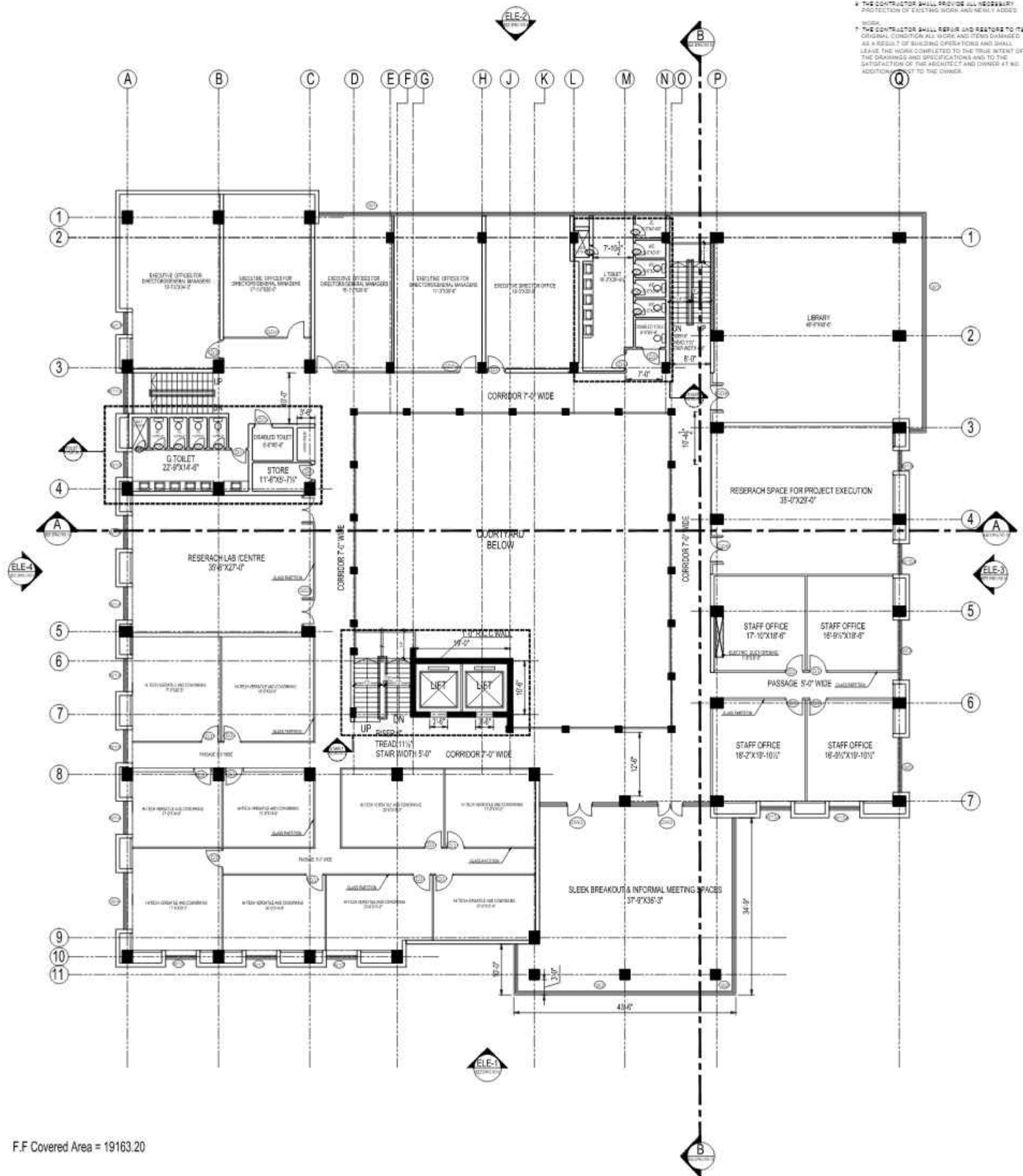
- GENERAL NOTES**
- COORDINATE ALL DIMENSIONS WITH CONSULTANT EMPLOY DRAWINGS AND SPECIFICATIONS.
  - NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER SCALED DIMENSIONS. FOR THIS PROJECT THE DIMENSIONS SHOULD BE READ IN INCH AND FEET.
  - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOBSITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT EMPLOY.
  - ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
  - ALL MATTERS OF COLOUR, TEXTURE, DESIGN AND INTERPRETATIONS OF DRAWINGS SHALL BE REFERRED BY THE CONTRACTOR TO THE CONSULTANT EMPLOY IN THE EVENT SUCH MATTERS ARE NOT ADEQUATELY COVERED IN DRAWINGS.
  - THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND NEWLY ADDED WORK.
  - THE CONTRACTOR SHALL REPAIR AND RESTORE TO ITS ORIGINAL CONDITION ALL WORK AND ITEMS DAMAGED AS A RESULT OF BUILDING OPERATIONS AND SHALL LEAVE THE WORK COMPLETED TO THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE OWNER.



G.F Covered Area = 17096.33  
Total Covered Area = 58040.54

WORKING DRAWING	REV.	REVISION	DATE	BY	CHK	DATE	PROJECT TITLE	DRAWING TITLE	PROJECT ADDRESS	COMPANY	DESIGNER	CHECKER	DATE
							SUKKUR IBA UNIVERSITY	NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY	GROUND FLOOR PLAN	PERAZADA RAHMAN DATA RESEARCH			

- GENERAL NOTES**
- COORDINATE ALL DIMENSIONS WITH CONSULTANT EMPLOY DRAWINGS AND SPECIFICATIONS.
  - NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER SCALED DIMENSIONS FOR THIS PROJECT THE DRAWINGS SHOULD BE READ IN INCH AND FEET.
  - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT EMPLOY.
  - ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
  - ALL MATTERS OF COLOUR, TEXTURE, DESIGN AND INTERPRETATIONS OF DRAWINGS SHALL BE REFERRED BY THE CONTRACTOR TO THE CONSULTANT EMPLOY IN THE EVENT SUCH MATTERS ARE NOT ADEQUATELY COVERED IN DRAWINGS.
  - THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND NEWLY ADDED WORK.
  - THE CONTRACTOR SHALL REPAIR AND RESTORE TO ITS ORIGINAL CONDITION ALL WORK AND ITEMS DAMAGED AS A RESULT OF BUILDING OPERATIONS AND SHALL LEAVE THE WORK COMPLETED TO THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE OWNER.



F.F Covered Area = 19163.20

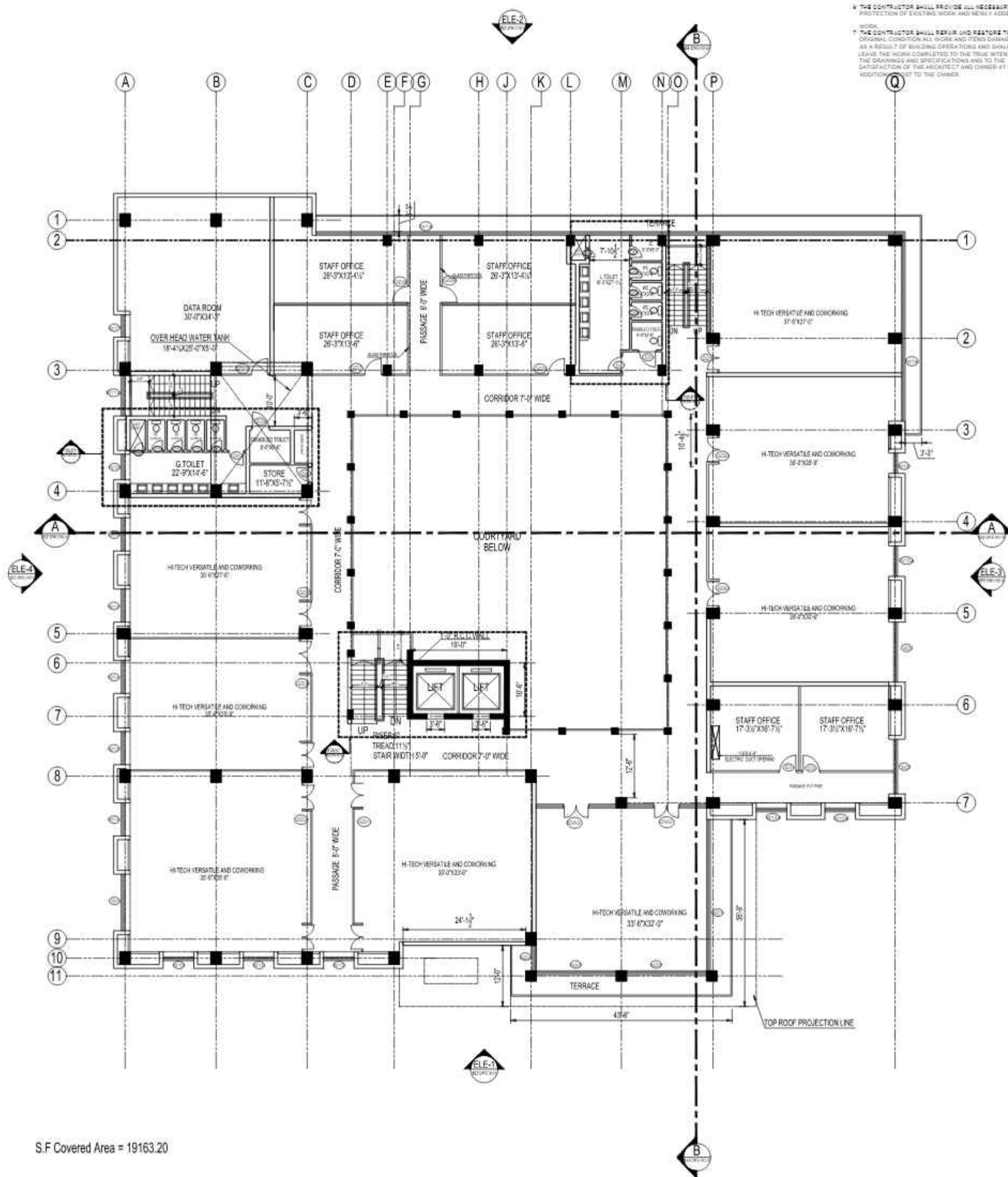
WORKING DRAWING	REV.	REVISION	DATE	BY	CHK	DATE	PROJECT TITLE	DRAWING TITLE	PROJECT ADDRESS	COMPANIES	DESIGNER	CHECKER	DATE	SCALE	PROJECT NO.
							SUKKUR IBA UNIVERSITY	NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY	FIRST FLOOR PLAN						

**GENERAL NOTES**




1. CONSULT ALL SPECIFICATIONS WITH CONSULTANT EMPLOY DRAWINGS AND SPECIFICATIONS.
2. NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER CALLED DIMENSIONS. FOR THIS PROJECT THE DRAWINGS SHALL BE READ IN THE FOLLOWING ORDER:
  - a. DIMENSIONS
  - b. NOTES
  - c. SPECIFICATIONS
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOBSITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT EMPLOY.
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
5. ALL MATERIALS OF COLOUR, TEXTURE, DESIGN AND FINISH SHALL BE APPROVED BY THE ARCHITECT. ANY MATERIALS NOT APPROVED SHALL BE RETAINED BY THE CONTRACTOR TO THE CONSULTANT EMPLOY IN THE EVENT SUCH MATERIALS ARE NOT ADEQUATELY COLOURED OR FINISHED.
6. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND NEIGHBOURS.

**NOTES**

1. THE CONTRACTOR SHALL REPAIR AND RESTORE TO ITS ORIGINAL CONDITION ALL VEGE AND ITEMS DAMAGED AS A RESULT OF BUILDING OPERATIONS AND SHALL BE RESPONSIBLE FOR THE REPAIRS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS OF THE DRAWINGS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT ALL TIMES.

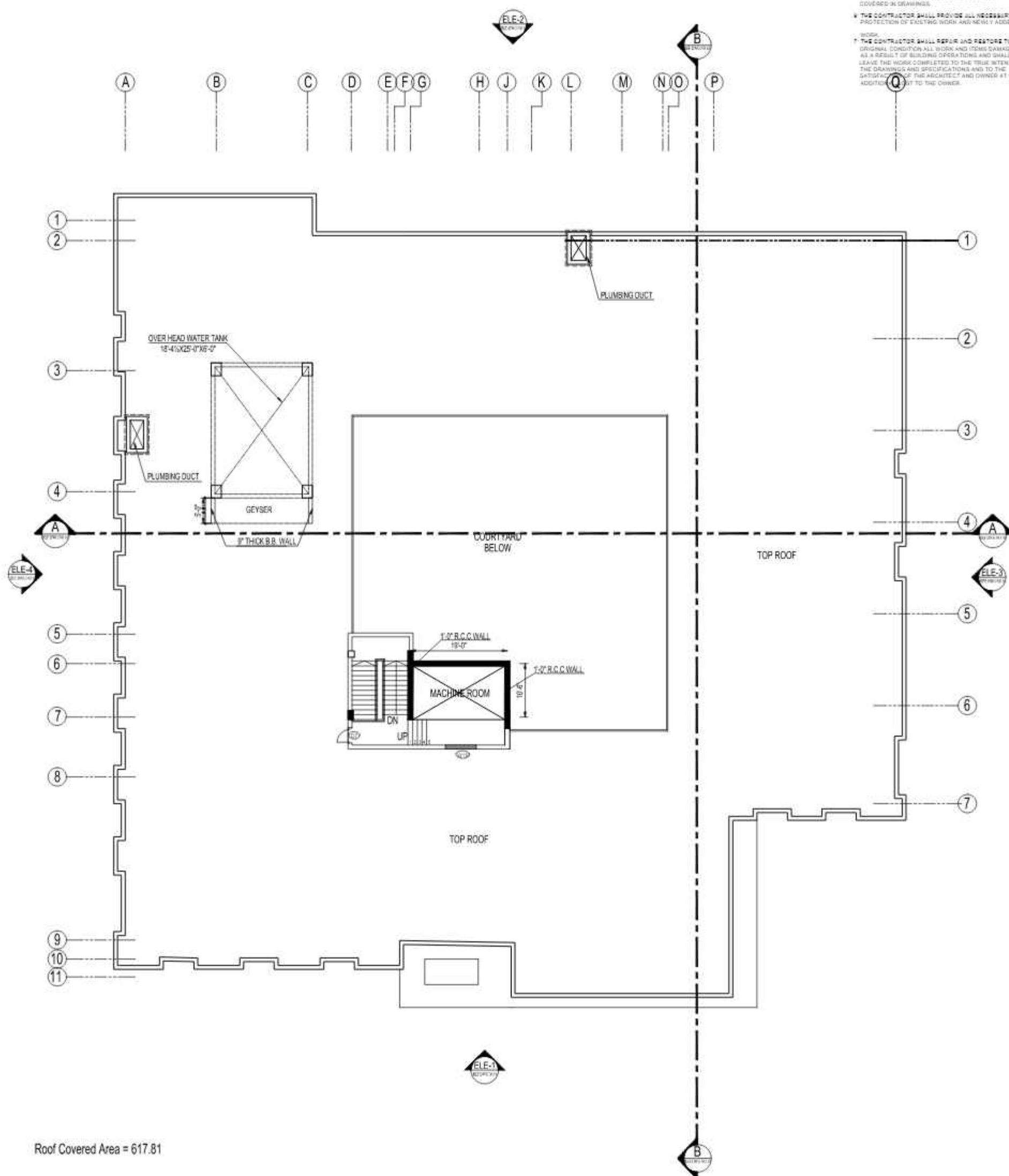


S.F Covered Area = 19163.20

WORKING DRAWING	SIZE	NUMBER	DATE	REV PLAN		PROJECT	PROJECT TITLE	DRAWING TITLE	PROJECT ADDRESS	COMPARED				PROJECT ADDRESS
						SUKKUR IBA UNIVERSITY	NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY	2ND FLOOR PLAN						
		</												

- 2.2.1 THE CONTRACTOR SHALL COME IN CONFORMANCE WITH CONSULTANT SUPPLY DRAWINGS AND SPECIFICATIONS.
- 2.2.2 NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER QUALITY DRAWINGS AND IN THE EVENT OF DISCREPANCY THE DRAWINGS SHALL BE READ IN RICHARD FEE.
- 2.2.3 CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOBSITE. DISCREPANCIES AND ERRORS INITIATED SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT EMPLOY IN THE DRAWINGS.
- 2.2.4 ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPROVED DRAWINGS.
- 2.2.5 ALL MATTERS OF COLOUR, TEXTURE, DESIGN AND INTERPRETATION OF DRAWINGS SHALL BE SET FORTH BY THE CONTRACTOR TO THE CONSULTANT EMPLOY IN THE EVENT SUCH MATTERS ARE NOT ADEQUATELY COVERED IN THE DRAWINGS.
- 2.2.6 THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND NEWLY ADDED WORK.

2.2.7 THE CONTRACTOR SHALL REPAIR AND RESTORE TO ITS ORIGINAL CONDITION ALL WORK AND ITEMS DAMAGED AS A RESULT OF SUBCONTRACTOR OPERATIONS AND SHALL LEAVE THE WORK COMPLETED TO THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE CONSULTANT EMPLOY AND OWNER AT THE ADDRESS OF THE PROJECT.



Roof Covered Area = 617.81

WORKING DRAWING	S.NO.	REVISION	DATE	BY PLAN		PROJECT	PROJECT TITLE	DRAWING TITLE	PROPERTY ADDRESS	CORPORATE			DESIGNER	PROJECT NUMBER	
										MAGVILLANE BIOLOGICS					
					SUKKUR IBA UNIVERSITY	NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY	ROOF PLAN			DESIGNER			PROJECT NUMBER		
									DESIGNER						
										DESIGNER			PROJECT NUMBER		
									DESIGNER						



- [illegible]

[illegible]

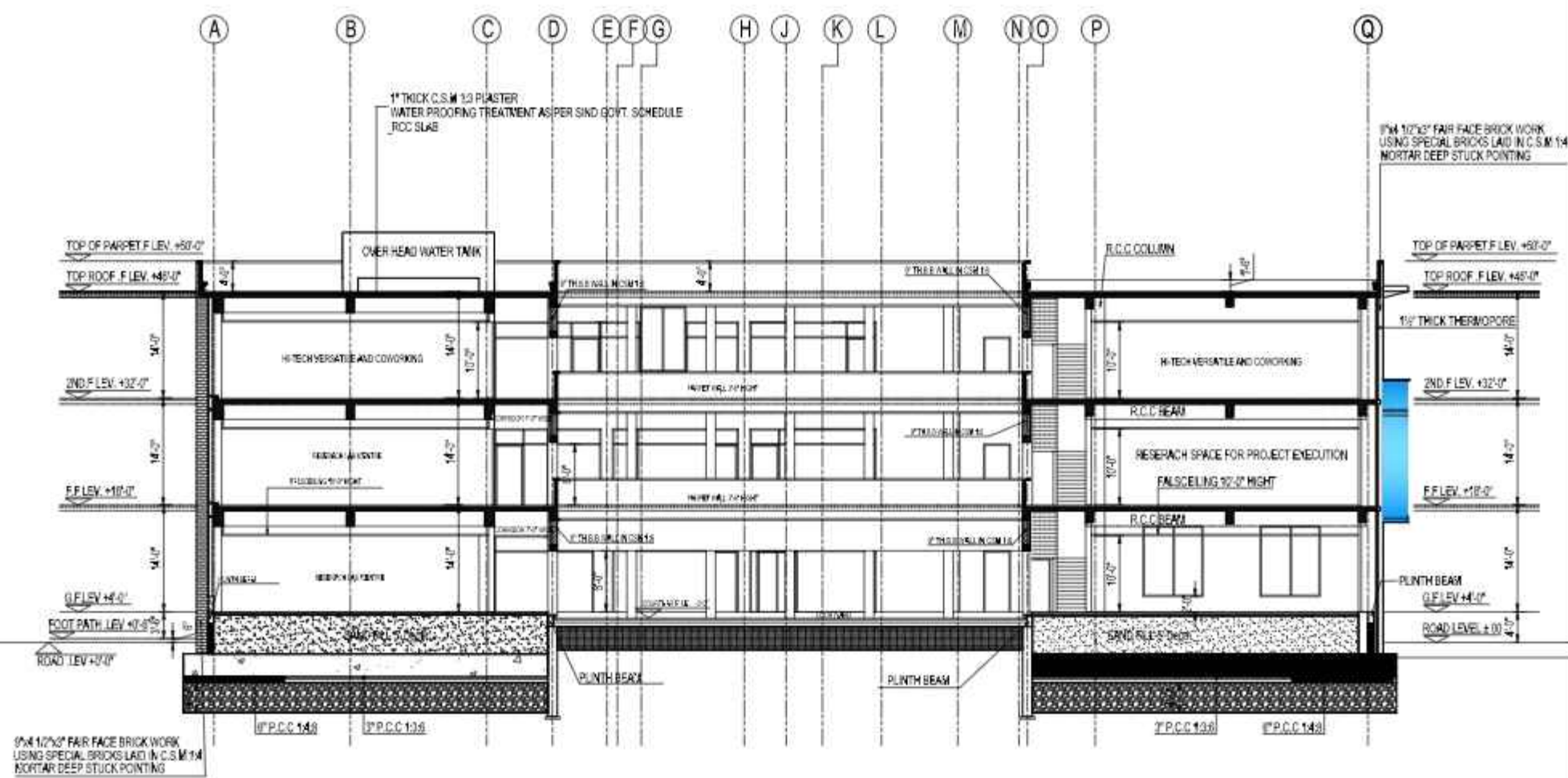


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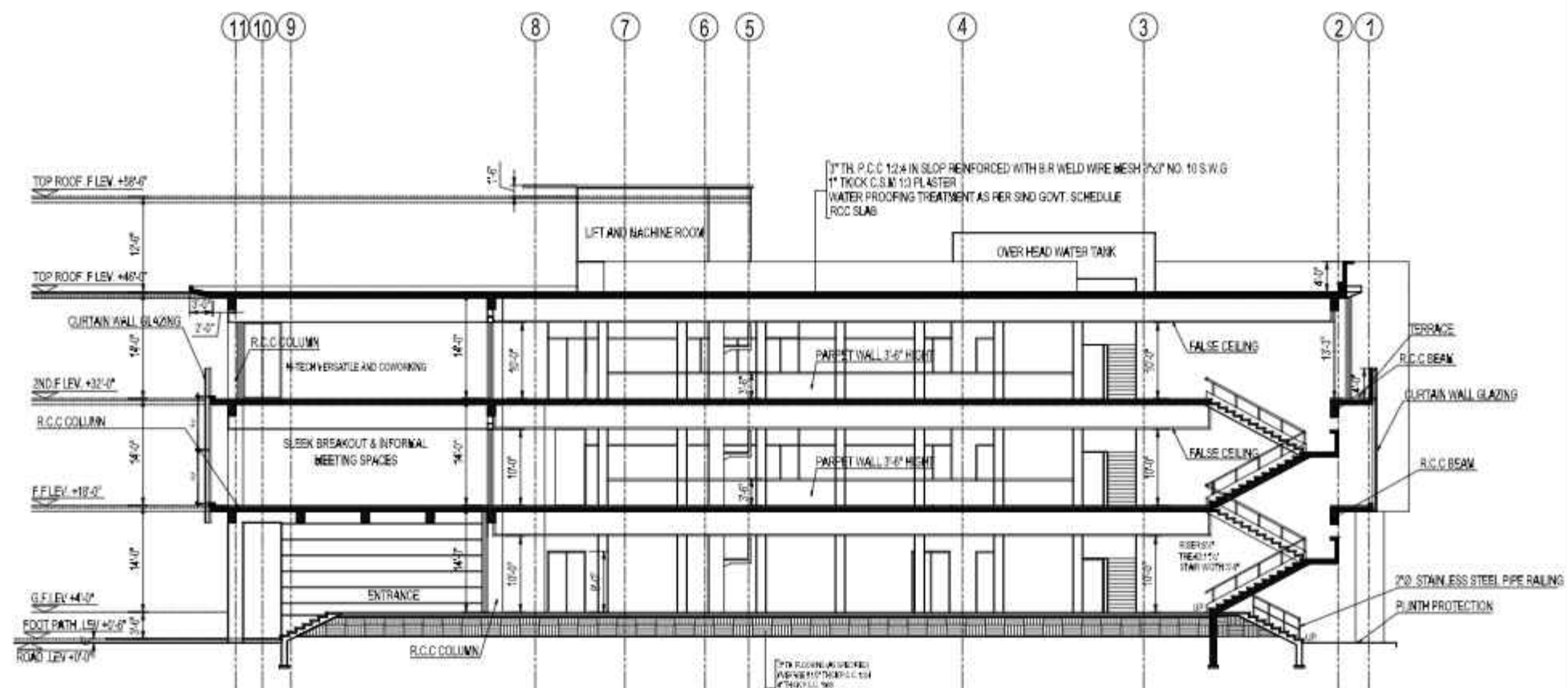
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- GENERAL NOTES**
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**SECTION AA**  
1/4"=1'-0"

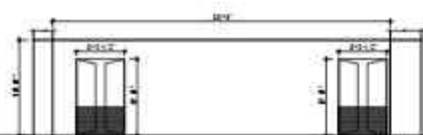


**SECTION BB**  
1/4"=1'-0"

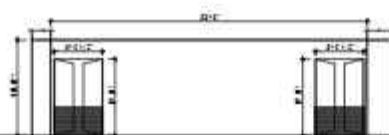
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					SUKKUR IBA UNIVERSITY	SECTION AA.BB						
					NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY							

# GENERAL NOTES

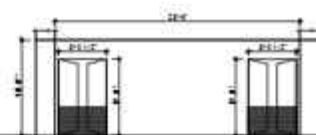
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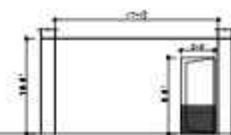
GD-1 = 35'-6"X10'-0"



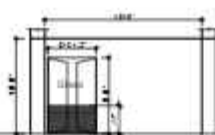
GD-2 = 33'-3"X10'-0"



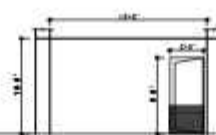
GD-3 = 27'-3"X10'-0"



GD-4 = 17'-1 1/2"X10'-0"



GD-5 = 16'-6"X10'-0"



GD-5a = 16'-6"X10'-0"



GD-6 = 16'-0"X10'-0"



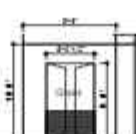
GD-7 = 14'-0"X10'-0"



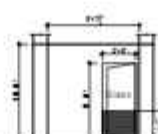
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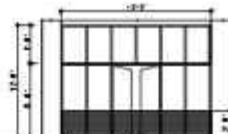
GD-8 = 13'-4 1/2"X10'-0"



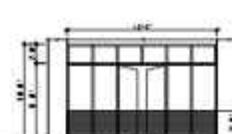
GD-9 = 9'-9"X10'-0"



GD-10 = 9'-7 1/2"X10'-0"



DW-1 = 15'-9"X11'-9"



DW-2 = 15'-9"X10'-0"



D-1 = 8'-0"X8'-0"



D-2 = 5'-0"X8'-0"



D-3 = 3'-6"X8'-0"



D-4 = 3'-0"X8'-0"



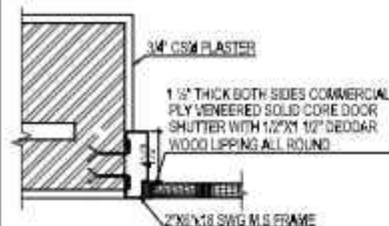
D-5 = 2'-6"X7'-0"



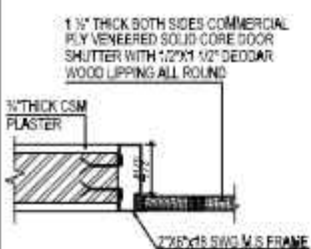
D-6 = 2'-0"X6'-0"  
DUCT DOOR



D-7 = 3'-6"X8'-0"  
MUMTY DOOR



TYPICAL DET. OF DOOR FRAME  
FOR 15', 9' & 4 1/2" TH. WALL (SECTION-02)



TYPICAL DET. OF DOOR FRAME  
FOR 15', 9' & 4 1/2" TH. WALL (SECTION-02)

C:\Users\User\Desktop\New folder (5)\1.jpg

C:\Users\User\Desktop\New folder (5)\2.jpg

C:\Users\User\Desktop\New folder (5)\3.jpg

C:\Users\User\Desktop\New folder (5)\4.jpg

## SCHEDULE OF DOORS

S.NO	TYPE	WIDTHxHEIGHT	REMARKS	TYPE
1	GD-1	35'-6"X10'-0"	0-4"	IMPORTED THICKNESS GLASS WITH ALUMINUM FRAME
2	GD-2	33'-3"X10'-0"	0-4"	0
3	GD-3	27'-3"X10'-0"	0-4"	0
4	GD-4	17'-1 1/2"X10'-0"	0-4"	0
5	GD-5	16'-6"X10'-0"	0-4"	0
6	GD-5a	16'-6"X10'-0"	0-4"	0
7	GD-6	16'-0"X10'-0"	0-4"	0
8	GD-7	14'-0"X10'-0"	0-4"	0
9	GD-7a	14'-0"X10'-0"	0-4"	0
10	GD-8	13'-4 1/2"X10'-0"	0-4"	0
11	GD-9	9'-9"X10'-0"	0-4"	0
12	GD-10	9'-7 1/2"X10'-0"	0-4"	0
13	DW-1	15'-9"X11'-9"	0-4"	0
14	DW-2	15'-9"X10'-0"	0-4"	0
15	D-1	8'-0"X8'-0"	0-4"	0
16	D-2	5'-0"X8'-0"	0-4"	0
17	D-3	3'-6"X8'-0"	0-4"	0
18	D-4	3'-0"X8'-0"	0-4"	0
19	D-5	2'-6"X7'-0"	0-4"	0
20	D-6	2'-0"X6'-0"	0-4"	0
21	D-7	3'-6"X8'-0"	0-4"	0

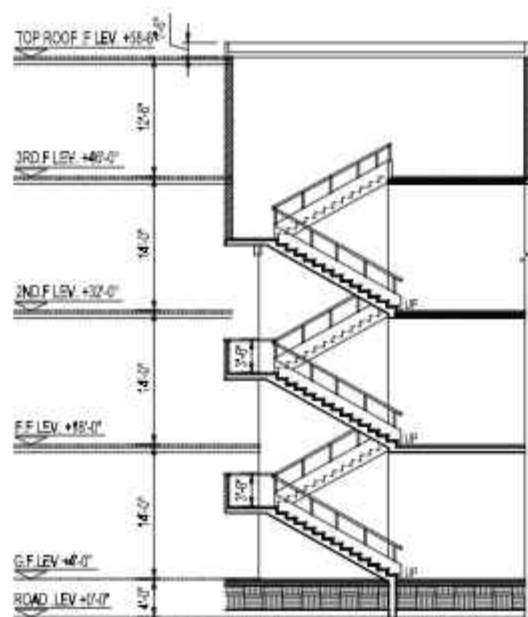




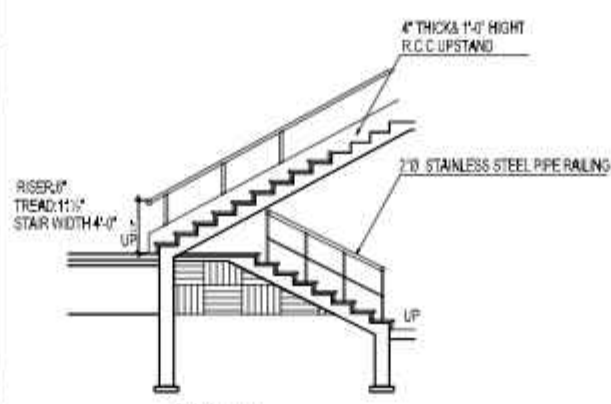


# GENERAL NOTES

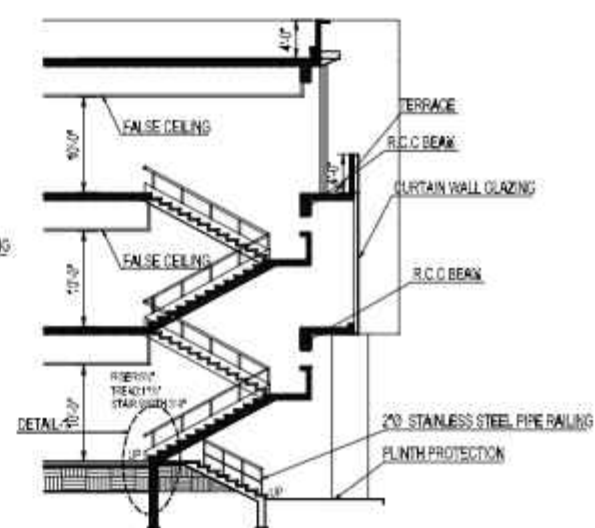
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- NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER SCALE DRAWINGS. FOR THIS PROJECT THE DRAWINGS SHOULD BE READ IN INCH AND FEET.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT/EMPLOYER.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
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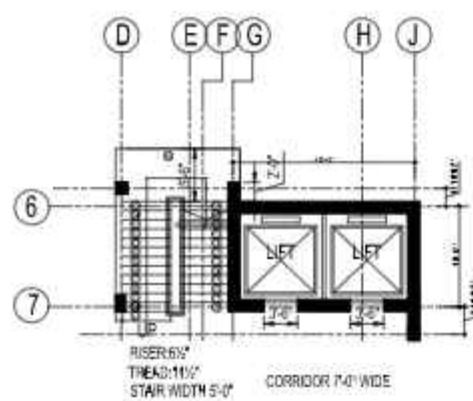
SECTION AA



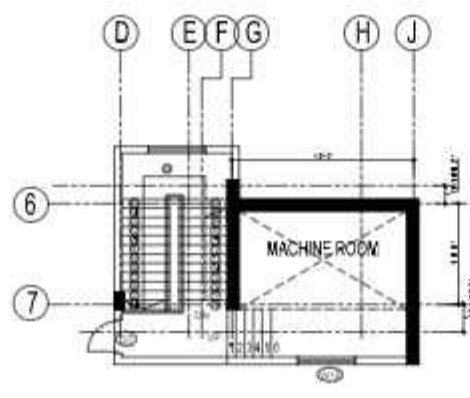
DETAIL-1



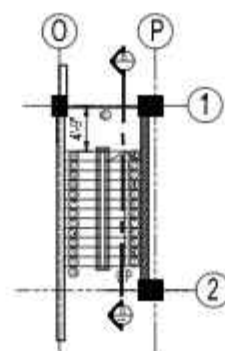
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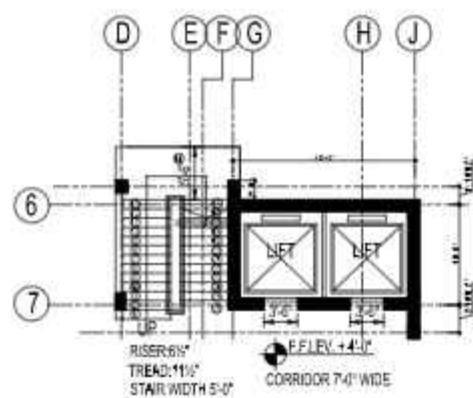
2ND FLOOR STAIR PLAN 01



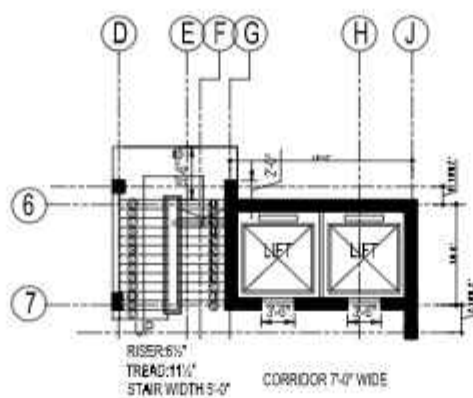
TOP ROOF / MUMITY STAIR PLAN 01



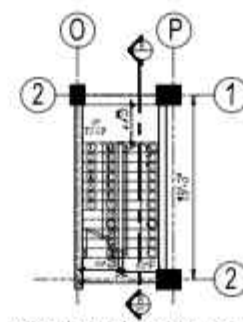
2ND FLOOR STAIR PLAN 02



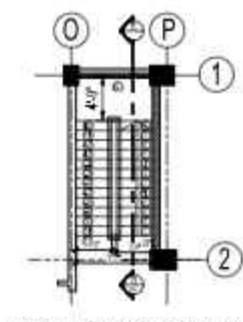
GROUND FLOOR STAIR PLAN 01



FIRST FLOOR STAIR PLAN 01

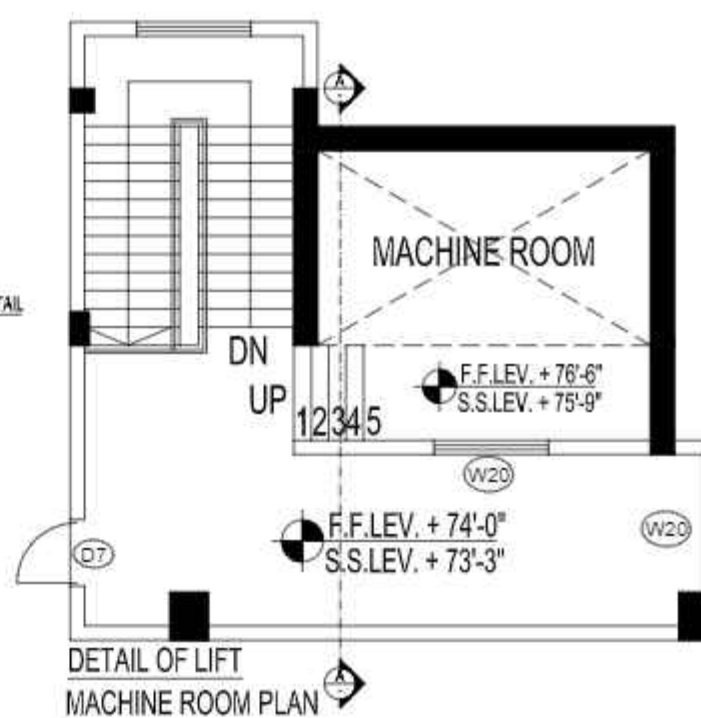
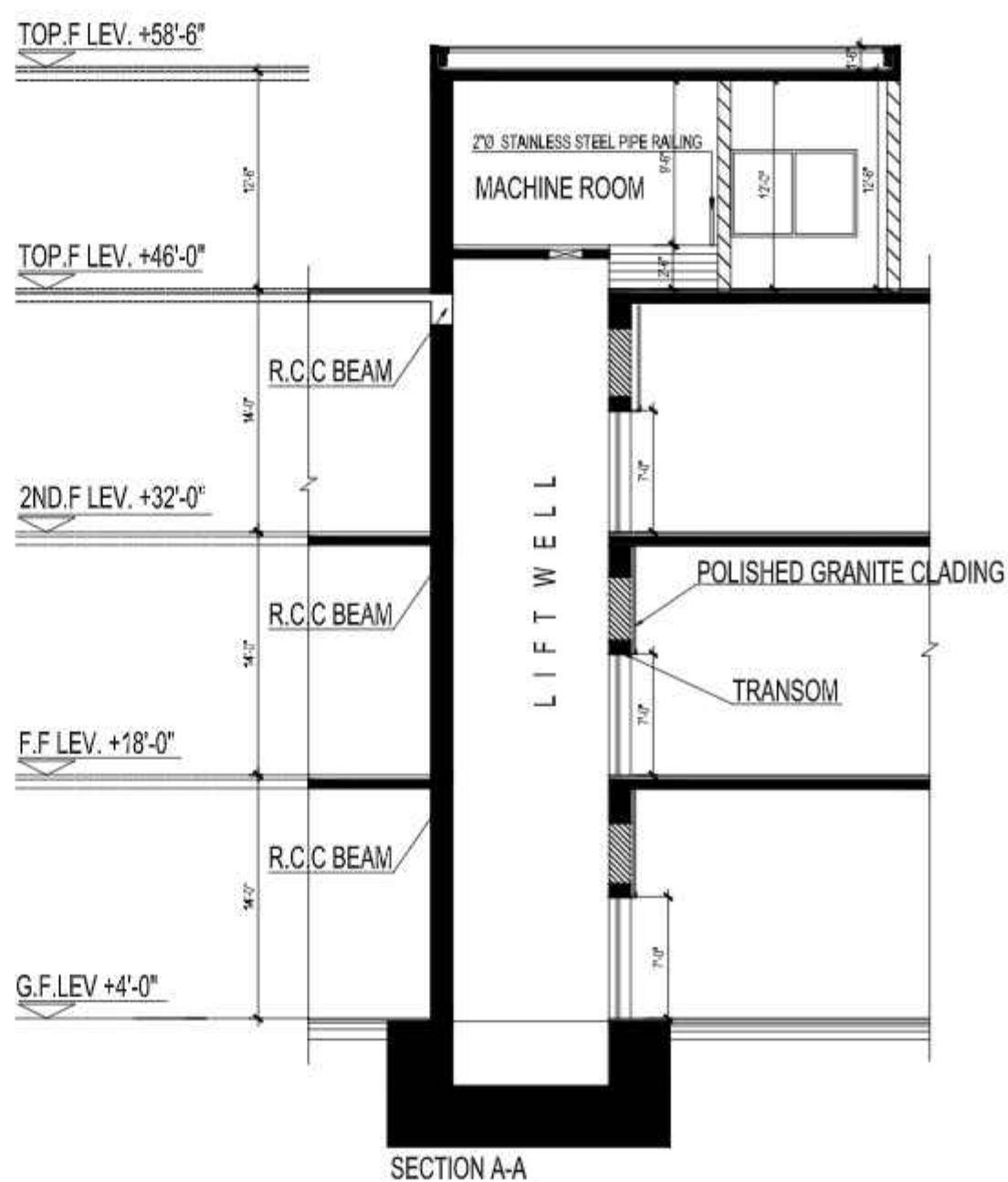


GROUND FLOOR STAIR PLAN 02



FIRST FLOOR STAIR PLAN 02

WORKING DRAWING	DATE	REVISION	DATE	BY	CHK	APP	PROJECT TITLE	DRAWING TITLE	DESIGNED BY	CHECKED BY	DATE	SCALE	PROJECT NO.	PROJECT NAME	PROJECT ADDRESS	PROJECT PHONE	PROJECT FAX	PROJECT EMAIL	PROJECT WEBSITE	PROJECT URL	PROJECT LOGO	PROJECT SIGNATURE	PROJECT STAMP	PROJECT SEAL	PROJECT PHOTO	PROJECT VIDEO	PROJECT AUDIO	PROJECT TEXT	PROJECT IMAGE	PROJECT OTHER
							SUKKUR IBA UNIVERSITY	KAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY	DETAIL OF STAIR																					

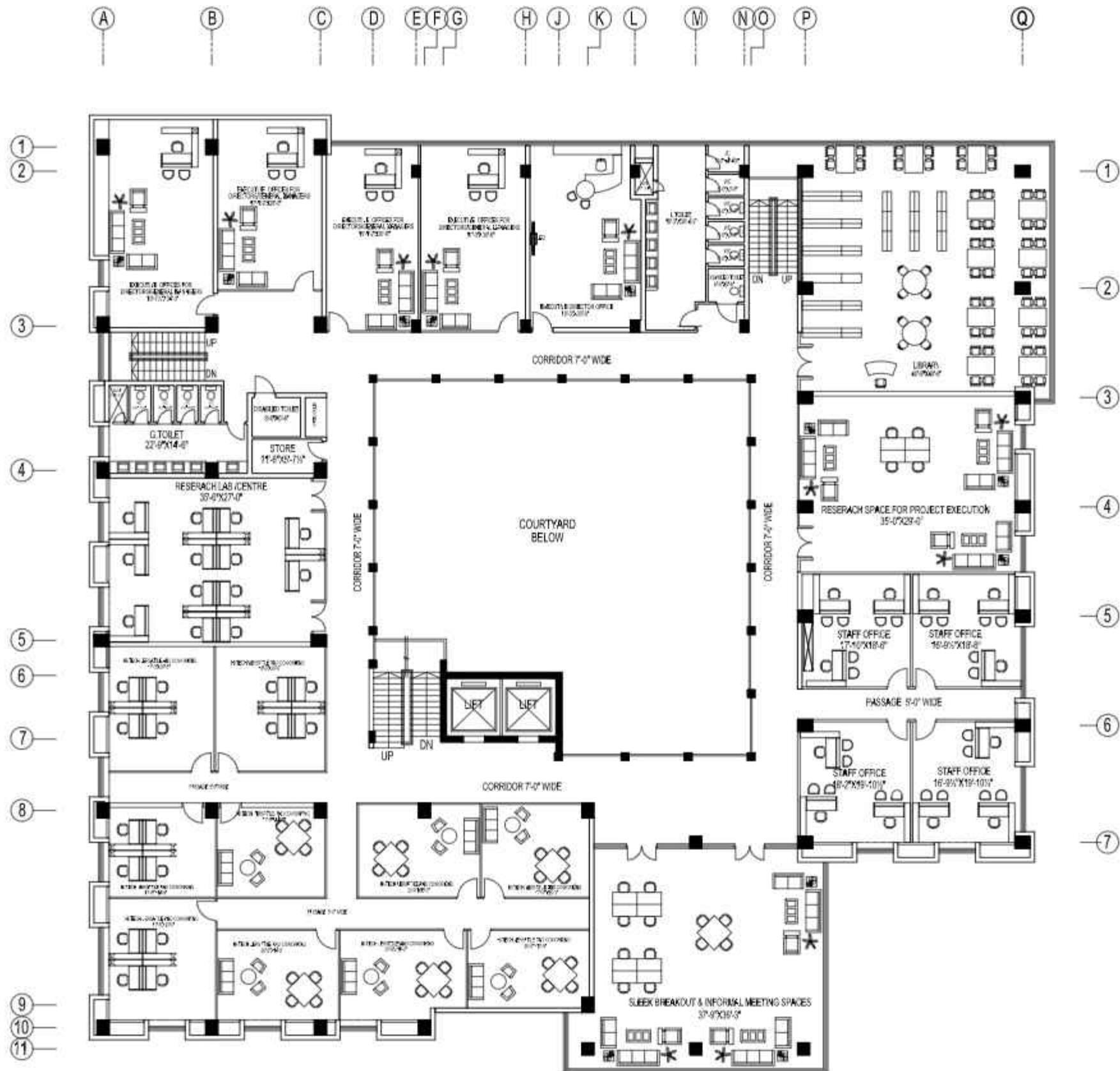




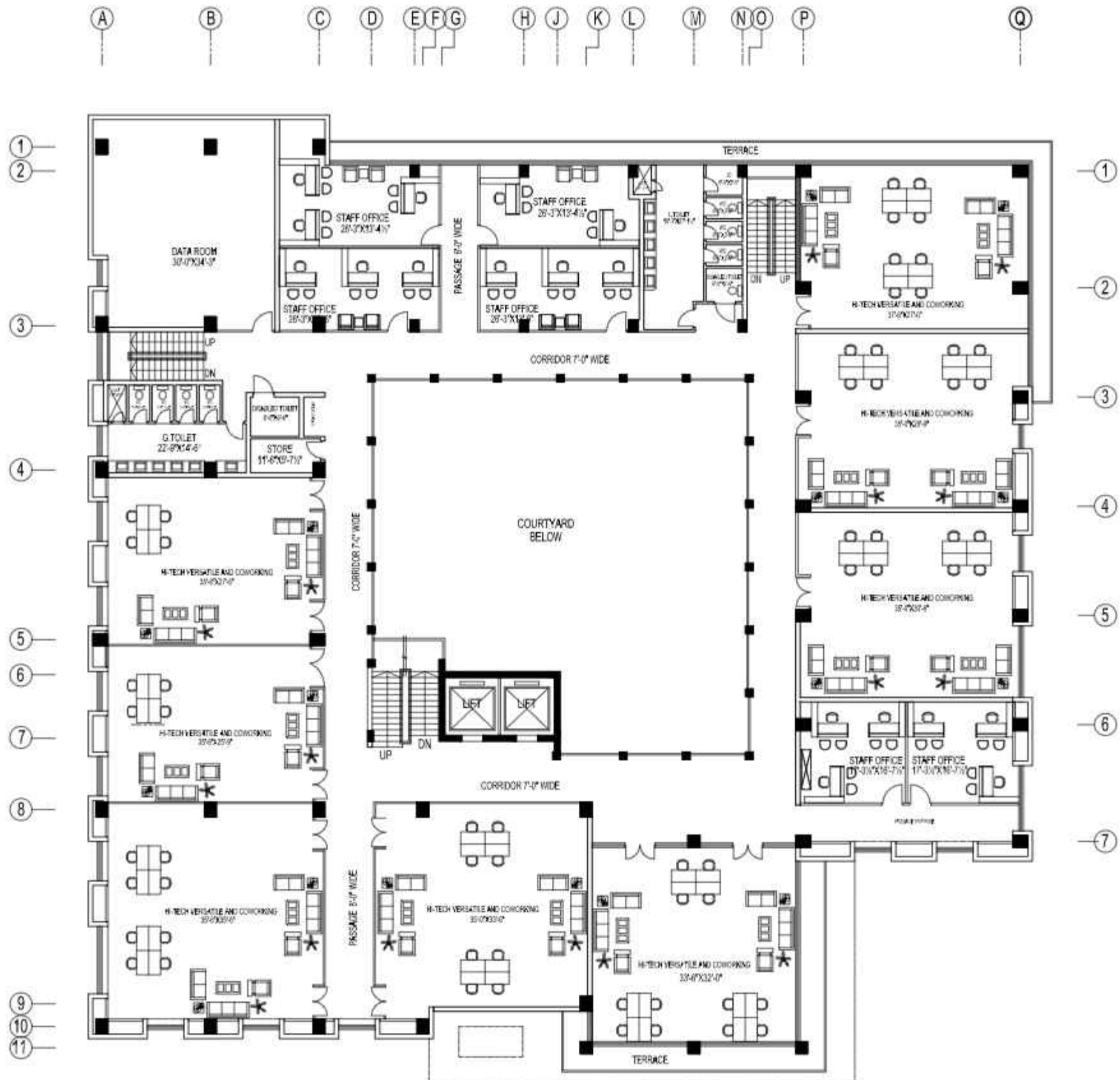
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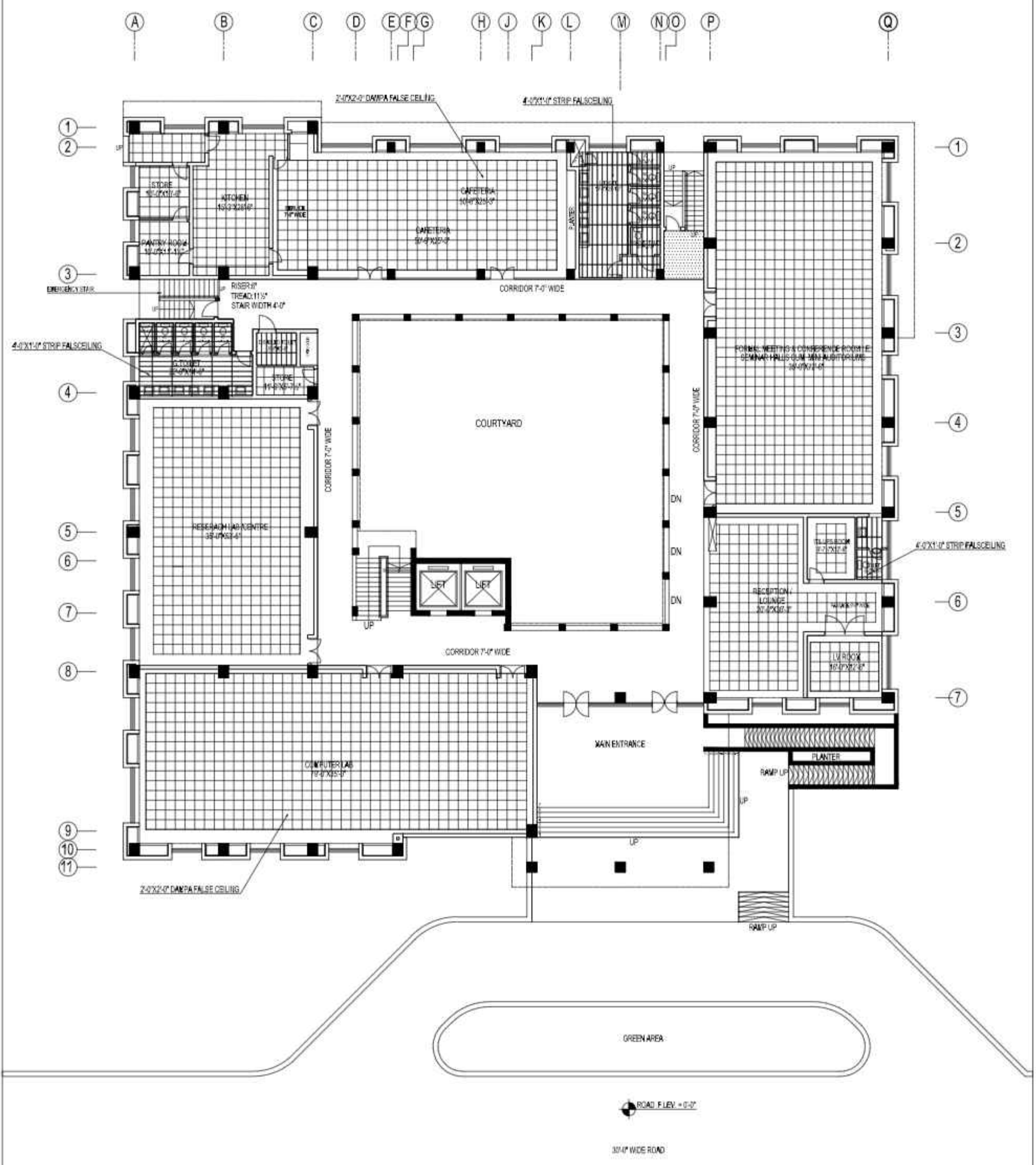
- GENERAL NOTES**
1. COORDINATE ALL DIMENSIONS WITH CONSULTANT EMPLOY DRAWINGS AND SPECIFICATIONS.
  2. NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER SCALED DIMENSIONS. FOR THIS PROJECT THE DRAWINGS SHOULD BE READ IN INCH AND FEET.
  3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT EMPLOY.
  4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
  5. ALL MATTERS OF COLOUR, TEXTURE, DESIGN AND INTERPRETATIONS OF DRAWINGS SHALL BE REFERRED BY THE CONTRACTOR TO THE CONSULTANT EMPLOY IN THE EVENT SUCH MATTERS ARE NOT ADEQUATELY COVERED IN DRAWINGS.
  6. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND NEWLY ADDED WORK.
  7. THE CONTRACTOR SHALL REPAIR AND RESTORE TO ITS ORIGINAL CONDITION ALL WORK AND ITEMS DAMAGED AS A RESULT OF BUILDING OPERATIONS AND SHALL LEAVE THE WORK COMPLETED TO THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE OWNER.



- GENERAL NOTES**
- COORDINATE ALL DIMENSIONS WITH CONSULTANT EMPLOY DRAWINGS AND SPECIFICATIONS.
  - NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER SCALED DIMENSIONS. FOR THIS PROJECT THE DIMENSIONS SHOULD BE READ IN INCH AND FEET.
  - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT EMPLOY.
  - ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
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  - THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND NEWLY ADDED WORK.
  - THE CONTRACTOR SHALL REPAIR AND RESTORE TO ITS ORIGINAL CONDITION ALL WORK AND ITEMS DAMAGED AS A RESULT OF BUILDING OPERATIONS AND SHALL LEAVE THE WORK COMPLETED TO THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE OWNER.



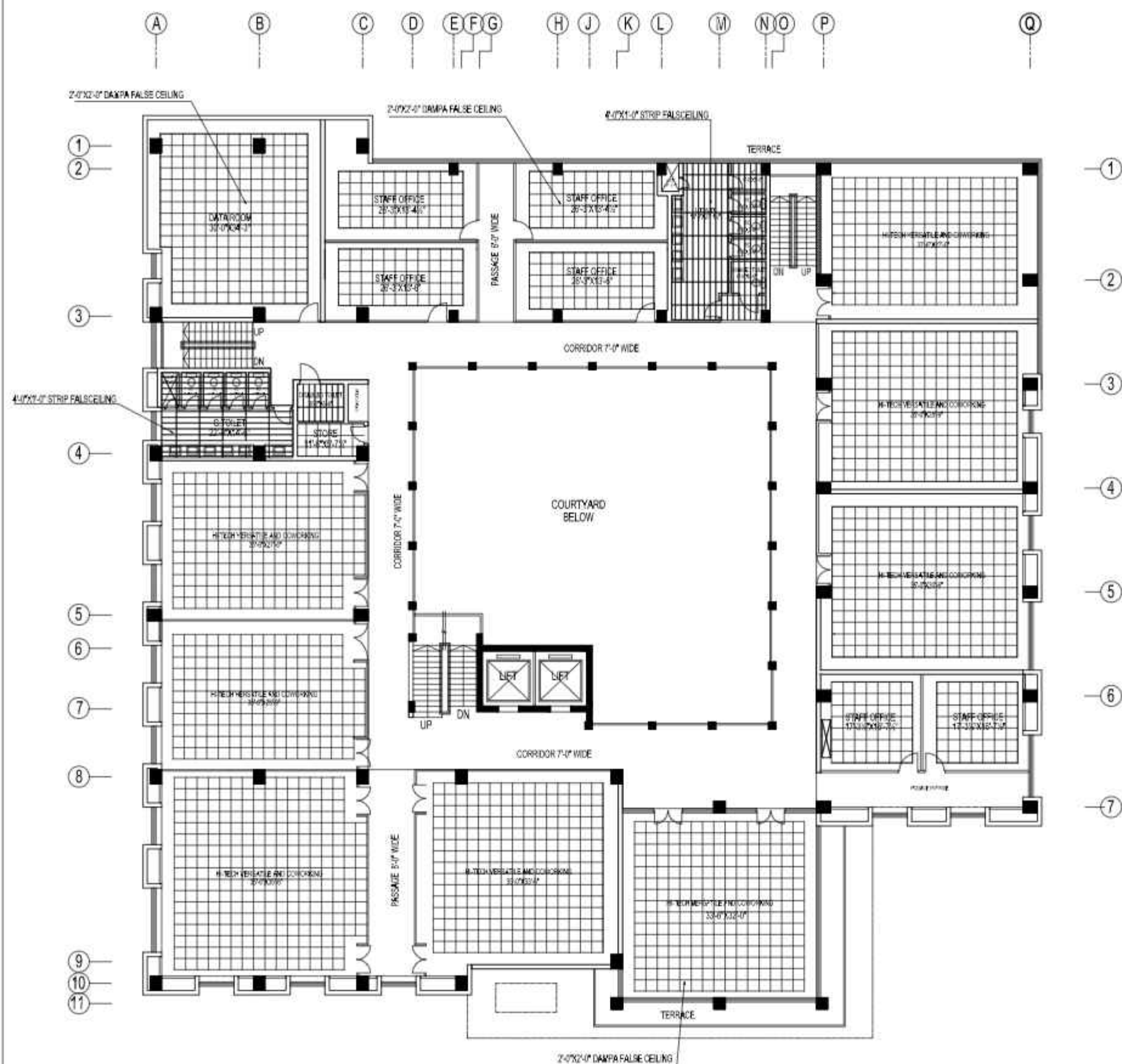
- GENERAL NOTES**
1. COORDINATE ALL DIMENSIONS WITH CONSULTANT EMPLOY DRAWINGS AND SPECIFICATIONS.
  2. NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER SCALED DIMENSIONS. FOR THIS PROJECT THE DIMENSIONS SHOULD BE READ IN INCH AND FEET.
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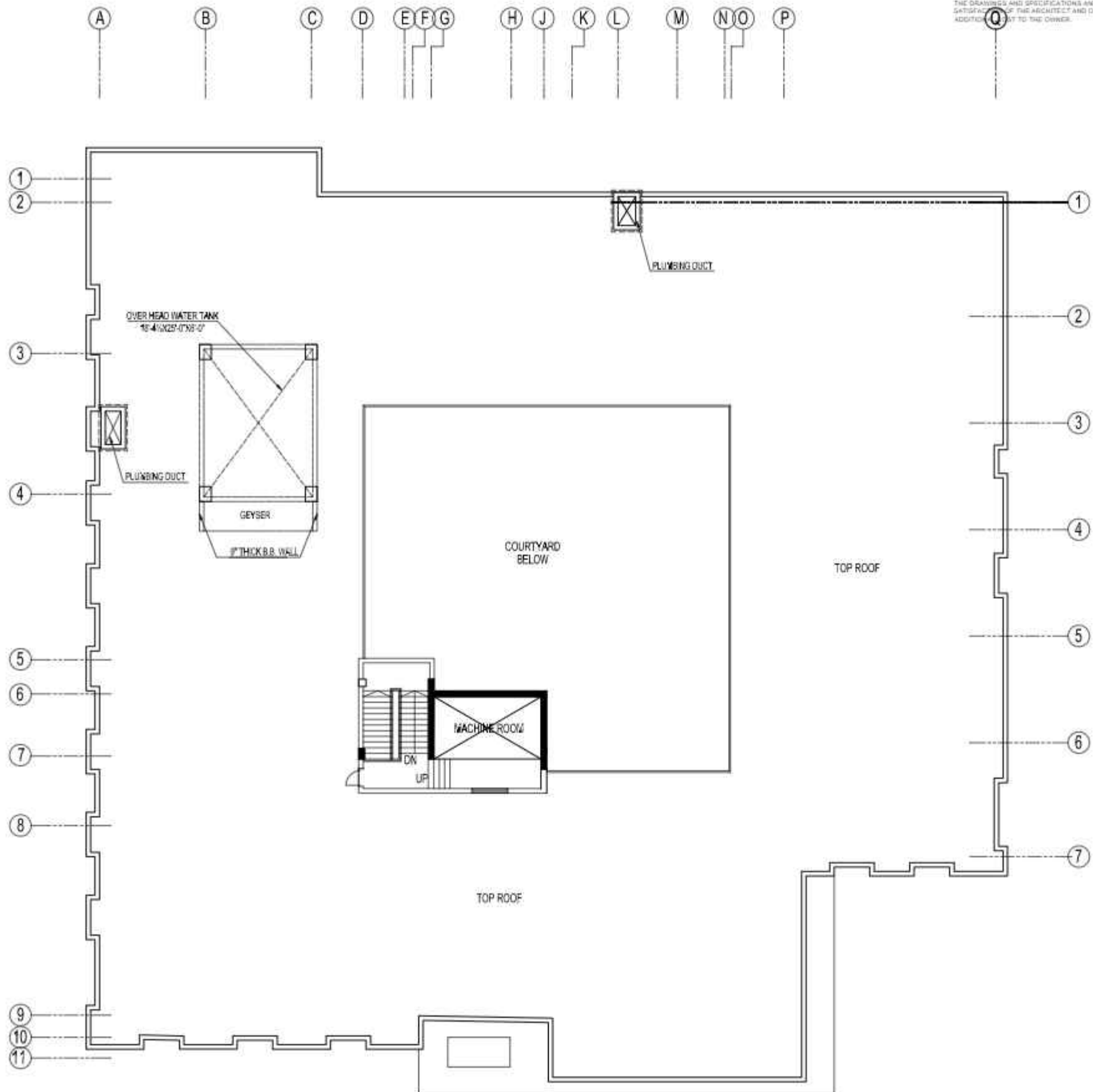
A-18

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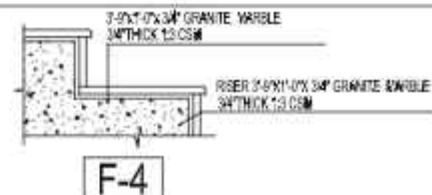
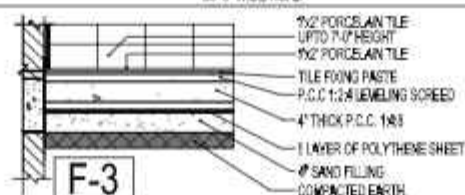
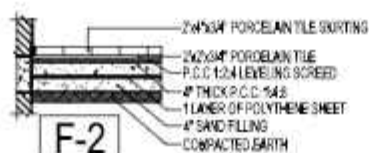
WORKING DRAWING	KIM	SPOON	KIM	MY PLAN		SUIKKU IBA UNIVERSITY	PROJECT TITLE HAS TECHNOLOGY PARK AT SUIKKU IBA UNIVERSITY	DRAWING TITLE SECOND FLOOR PLAN FALSECEILING PLAN	PROJECT ACTIVITY  OPERATIONAL DRAWING DATA SHEET	COORDINATOR CHAETANA SIDDHANT		DESIGNER CHAETANA SIDDHANT		CHECKED BY CHAETANA SIDDHANT	DATE 10/10/2020	SCALE 1:100	SHEET NO. A-19
										DESIGNER CHAETANA SIDDHANT		DESIGNER CHAETANA SIDDHANT		CHECKED BY CHAETANA SIDDHANT	DATE 10/10/2020	SCALE 1:100	SHEET NO. A-19

# GENERAL NOTES

1. COORDINATE ALL DIMENSIONS WITH CONSULTANT EMPLOY DRAWINGS AND SPECIFICATIONS.
2. NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER SCALED DIMENSIONS. FOR THIS PROJECT THE DRAWINGS SHOULD BE READ IN INCH AND FEET.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT EMPLOY.
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5. ALL MATTERS OF COLOUR, TEXTURE, DESIGN AND INTERPRETATIONS OF DRAWINGS SHALL BE REFERRED BY THE CONTRACTOR TO THE CONSULTANT EMPLOY IN THE EVENT SUCH MATTERS ARE NOT ADEQUATELY COVERED IN DRAWINGS.
6. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND NEWLY ADDED WORK.
7. THE CONTRACTOR SHALL REPAIR AND RESTORE TO ITS ORIGINAL CONDITION ALL WORK AND ITEMS DAMAGED AS A RESULT OF BUILDING OPERATIONS AND SHALL LEAVE THE WORK COMPLETED TO THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE OWNER.

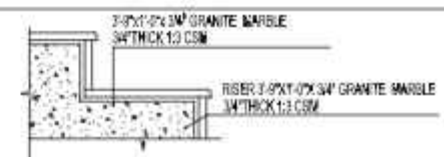
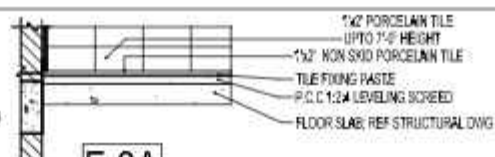
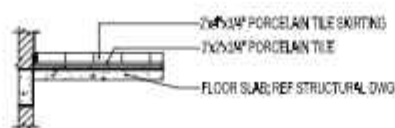
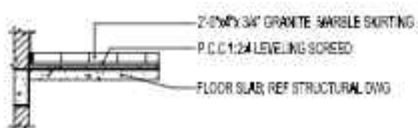


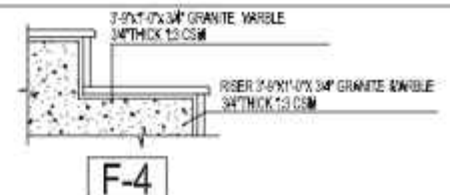
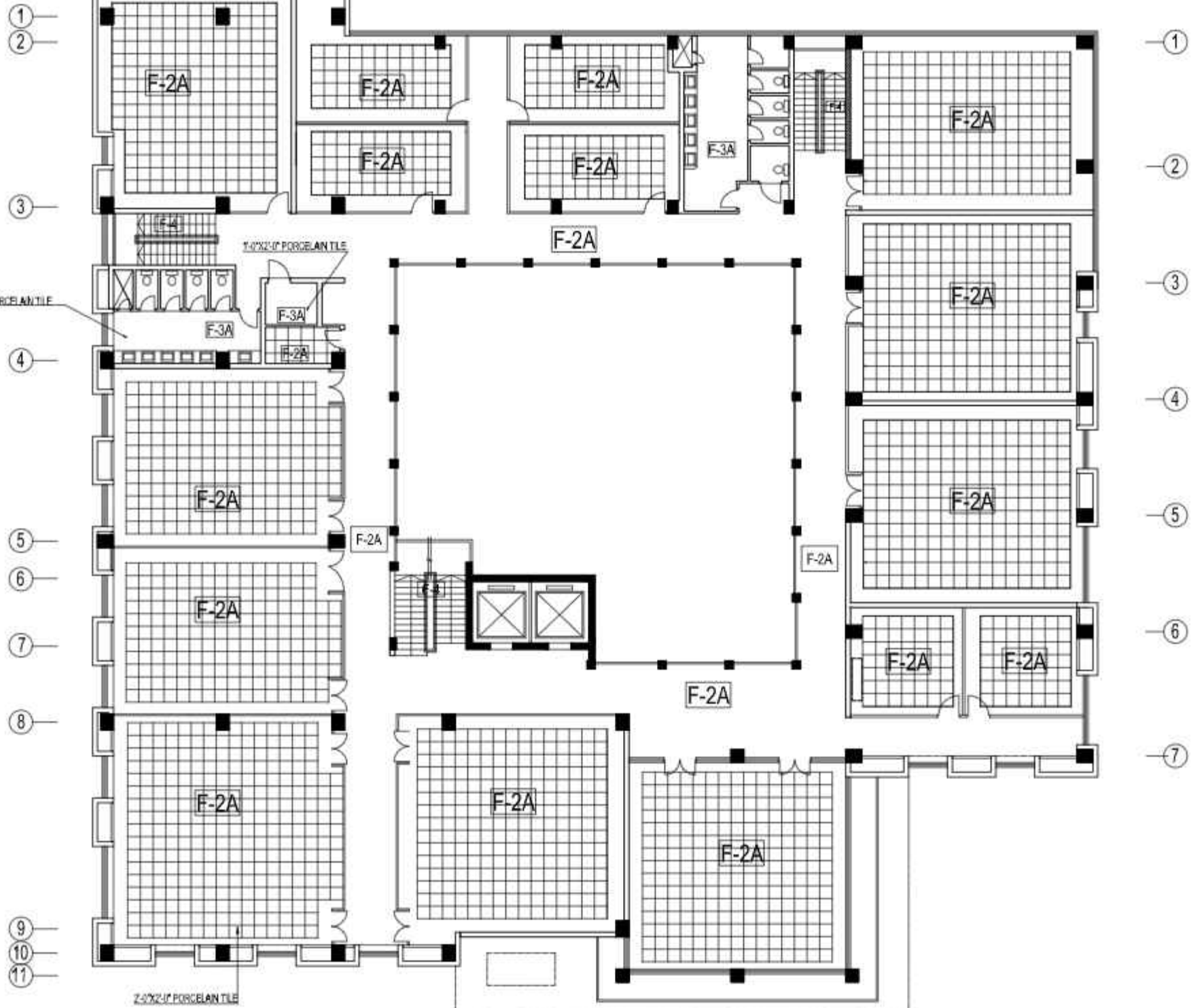
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WORKING DRAWING	REV	REVISION	DATE		SHEET NO.  SUKUR IBA UNIVERSITY	PROJECT TITLE  KAS TECHNOLOGY PARK AT SUKUR IBA UNIVERSITY	DRAWING TITLE  SECOND FLOOR PLAN FLOOR FINISHES	PREPARED BY  CHECKED BY  APPROVED BY  OFFICIALS: DRAWING DATA: PROJECT NO.	OVERLAYS PLANS AND ELEVATIONS  DESIGNER DESIGNER DESIGNER	 	DESIGNER DESIGNER DESIGNER	DATE DATE DATE	SCALE SCALE SCALE	SHEET NO. SHEET NO. SHEET NO.	A-23

**CONTRACTOR'S OBLIGATIONS**

2.1.1 **THE CONTRACTOR SHALL COMPLY WITH CONSULTANT SUPPLY DRAWINGS AND SPECIFICATIONS.**

2.1.2 **NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER QUALITY DRAWINGS AND IN THE EVENT OF DISCREPANCY THE DRAWINGS SHALL BE READ IN RICHARD FEE.**

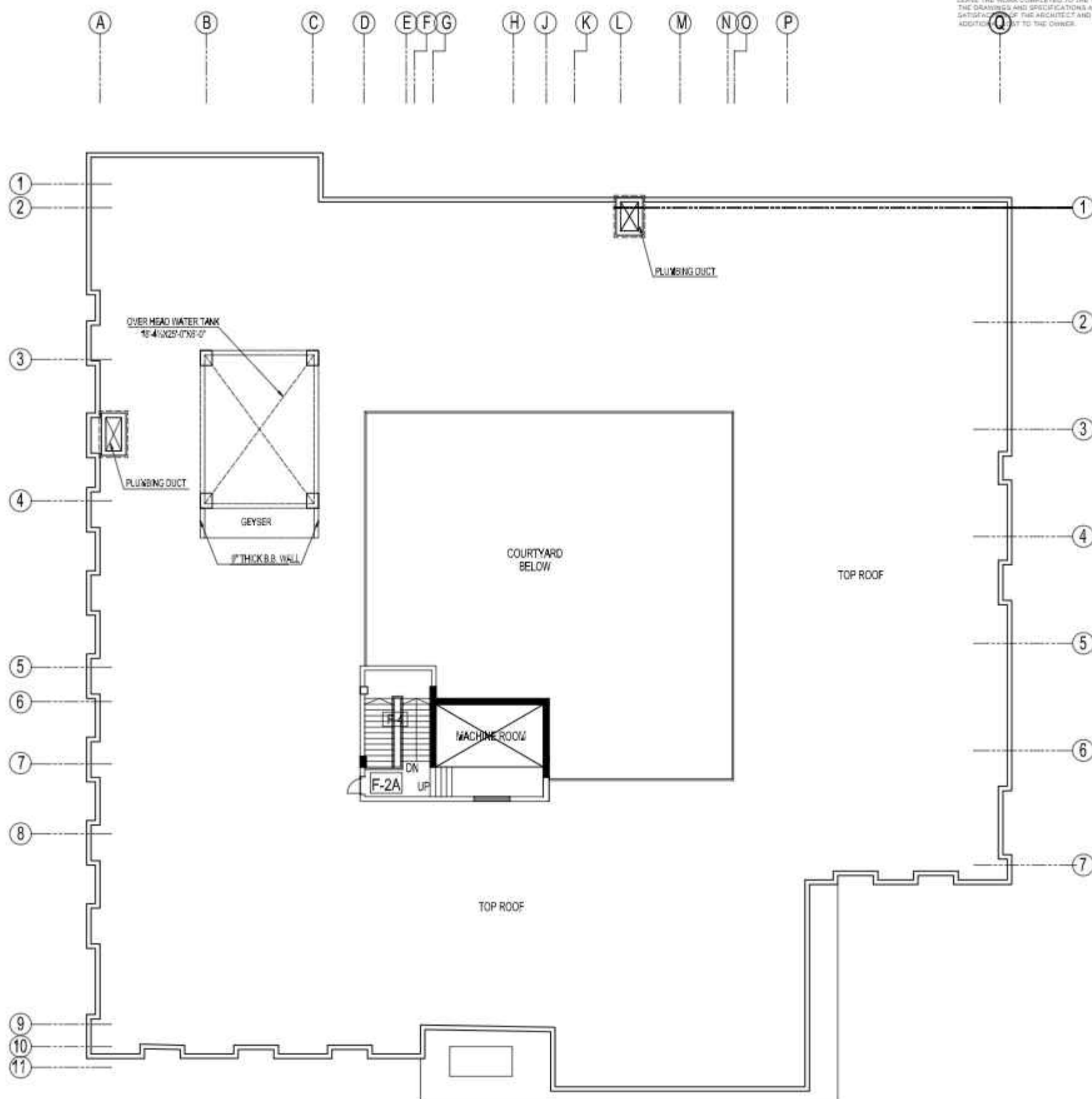
2.1.3 **CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOBSITE. DISCREPANCIES AND ERRORS INITIATED SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT EMPLOY IN THE DRAWINGS.**

2.1.4 **ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPROVED DRAWINGS.**

2.1.5 **ALL MATTERS OF COLOUR, TEXTURE, DESIGN AND INTERPRETATION OF DRAWINGS SHALL BE REFERRED BY THE CONTRACTOR TO THE CONSULTANT EMPLOY IN THE EVENT SUCH MATTERS ARE NOT ADEQUATELY COVERED IN THE DRAWINGS.**

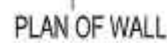
2.1.6 **THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND NEWLY ADDED WORK.**

2.1.7 **THE CONTRACTOR SHALL REPAIR AND RESTORE TO ITS ORIGINAL CONDITION ALL WORK AND ITEMS DAMAGED BY THE COURSE OF SUCH OPERATIONS AND SHALL LEAVE THE WORK COMPLETED TO THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE CONSULTANT EMPLOY AND CHIEF AT THE SITE OF THE PROJECT UP TO THE OWNER.**

[illegible]

1. **COORDINATE ALL DIMENSION WITH CONSULTANT/DRIVER DRAWINGS AND SPECIFICATIONS.**
2. **NUMERICAL DIMENSIONS SHALL TAKE PRECEDENCE OVER ANY CONTRADICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DRAWINGS SHOULD BE READ IN EACH AND EVERY CASE.**
3. **CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT/ENGINEER.**
4. **ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CONSULTANT/ENGINEER'S DRAWINGS.**
5. **ALL MATTERS OF COLOUR, TEXTURE, DESIGN AND INTERPRETATIONS OF DRAWINGS SHALL BE REFERRED BY THE CONTRACTOR TO THE CONSULTANT/ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MISUNDERSTANDING OR MISINTERPRETATION COVERED IN DRAWINGS.**
6. **THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND NEARBY ADJACENT WORK.**

7. **THE CONTRACTOR SHALL REPORT AND RESPOND TO ITS SUPERVISOR, CONSULTOR OR OWNER AND OTHERS IMMEDIATELY IN WRITING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DRAWINGS AND SPECIFICATIONS AND TO THE SUPERVISOR OF THE PROJECT AND OWNER. NO ADDITIONAL COST TO THE OWNER.**



### ROOF TREATMENT DETAIL

[illegible]



GROUND FLOOR - SCHEDULE OF FINISHES

AREA	FLOOR	SKIRTING	DADO	INTERNAL SURFACES		FALSE CEILING	EXTERNAL FINISHES	
				WALLS	CEILING		AREA	FINISHES
ENTRANCE PODIUM	2'-0"x2'-0"x 3/4" GRANITE MARBLE	2'-0"x4"x 3/4" GRANITE MARBLE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	PAVING 150x150mm FACE BRICK WORK USING SPECIAL BRICK LAY IN 0.5 MPA MORTAR (DEEP STUCK POINTING)
CORRIDOR	2x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
COMPUTER LAB	2x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
RESEARCH LAB /CENTRE	2x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
STORE	2x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
PANTRY ROOM	2x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
CAFETERIA	2x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
TRAINING HALL & CONFERENCE ROOM (120 SEAT HALLS WITH 800 AUDITORIUM)	2x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
STAFF ROOM	2x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	—	MATT ENAMEL PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
LV ROOM	2x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	—	MATT ENAMEL PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
LOUNGE	2x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
KITCHEN	2x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	—	MATT ENAMEL PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
G.TOLET	1x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	1x2' GLAZED TILES DADO UPTO 7'-0" HEIGHT	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
DISABLED TOILET	1x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	1x2' GLAZED TILES DADO UPTO 7'-0" HEIGHT	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
L.TOLET	1x2x3M <sup>2</sup> PORCELAIN TILE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	1x2' GLAZED TILES DADO UPTO 7'-0" HEIGHT	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
STAIR	3x6x14x 3/4" GRANITE MARBLE	2Mx3M <sup>2</sup> PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—

FIRST FLOOR - SCHEDULE OF FINISHES

AREA	FLOOR	SKIRTING	DADO	INTERNAL SURFACES		FALSE CEILING	EXTERNAL FINISHES	
				WALLS	CEILING		AREA	FINISHES
CORRIDOR	2'-0"2'-0"x 3/4" GRANITE MARBLE	2'-0"x 3/4" GRANITE MARBLE SKIRTING	_____	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	1/4" 10x10" FACE BRICK WORK USING SPECIAL BRICKS Laid in 0.5 M/M MORTAR DEEP STUCK POINTING
EXECUTIVE OFFICES FOR DIRECTORS/GENERAL MANAGERS	2'x2'x3/4" PORCELAIN TILE	2'x4'x3/4" PORCELAIN TILE SKIRTING	_____	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	_____
DEPARTMENT OFFICE FOR PROJECT ENGINEER	2'x2'x3/4" PORCELAIN TILE	2'x4'x3/4" PORCELAIN TILE SKIRTING	_____	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	_____
RESEARCH LAB CENTRE	2'x2'x3/4" PORCELAIN TILE	2'x4'x3/4" PORCELAIN TILE SKIRTING	_____	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	_____
STORE	2'x2'x3/4" PORCELAIN TILE	2'x4'x3/4" PORCELAIN TILE SKIRTING	_____	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	_____
SEVEN OPEN OFFICE MEETING OFFICES	2'x2'x3/4" PORCELAIN TILE	2'x4'x3/4" PORCELAIN TILE SKIRTING	_____	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	_____
WATER RESORT LUNAR COVERING	2'x2'x3/4" PORCELAIN TILE	2'x4'x3/4" PORCELAIN TILE SKIRTING	_____	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	_____
LIBRARY	2'x2'x3/4" PORCELAIN TILE	2'x4'x3/4" PORCELAIN TILE SKIRTING	_____	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	_____
STAFF OFFICE	2'x2'x3/4" PORCELAIN TILE	2'x4'x3/4" PORCELAIN TILE SKIRTING	_____	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	_____
G TOILET	1'x2'x3/4" PORCELAIN TILE	2'x4'x3/4" PORCELAIN TILE SKIRTING	1/2" GLAZED TILES DADO UPTO 7'-0" HEIGHT	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	_____
DISABLED TOILET	1'x2'x3/4" PORCELAIN TILE	2'x4'x3/4" PORCELAIN TILE SKIRTING	1/2" GLAZED TILES DADO UPTO 7'-0" HEIGHT	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	_____
L TOILET	1'x2'x3/4" PORCELAIN TILE	2'x4'x3/4" PORCELAIN TILE SKIRTING	1/2" GLAZED TILES DADO UPTO 7'-0" HEIGHT	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	_____
STAIR	3'-0"x1'-0"x 3/4" GRANITE MARBLE	2'x4'x3/4" PORCELAIN TILE SKIRTING	_____	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	_____	_____	_____

2ND FLOOR - SCHEDULE OF FINISHES								
AREA	FLOOR	SKIRTING	DADO	INTERNAL SURFACES		FALSE CEILING	EXTERNAL FINISHES	
				WALLS	CEILING		AREA	FINISHES
CORRIDOR	2'-0"x2'-0"x 3/4" GRANITE MARBLE	2'-0"x4'-0"x 3/4" GRANITE MARBLE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	1/4" x 1/2" OF FLOOR FINISH WORK, USING SPECIAL SPREAD LAY IS 0.5 M <sup>2</sup> PER METER, LESS 10% FOR WASTE.
INTERVIEW ROOM (CONFERENCE)	2'-0"x2'-0"x 3/4" PORCELAIN TILE	2'-0"x4'-0"x 3/4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
STAFF OFFICE	2'-0"x2'-0"x 3/4" PORCELAIN TILE	2'-0"x4'-0"x 3/4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
DATA ROOM	2'-0"x2'-0"x 3/4" PORCELAIN TILE	2'-0"x4'-0"x 3/4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
STORE	2'-0"x2'-0"x 3/4" PORCELAIN TILE	2'-0"x4'-0"x 3/4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
G. TOILET	1'-0"x2'-0"x 3/4" PORCELAIN TILE	2'-0"x4'-0"x 3/4" PORCELAIN TILE SKIRTING	1'-0" GLAZED TILES DADO UPTO 7'-0" HEIGHT	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
DISABLED TOILET	1'-0"x2'-0"x 3/4" PORCELAIN TILE	2'-0"x4'-0"x 3/4" PORCELAIN TILE SKIRTING	1'-0" GLAZED TILES DADO UPTO 7'-0" HEIGHT	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
L. TOILET	1'-0"x2'-0"x 3/4" PORCELAIN TILE	2'-0"x4'-0"x 3/4" PORCELAIN TILE SKIRTING	1'-0" GLAZED TILES DADO UPTO 7'-0" HEIGHT	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
STAIR	2'-0"x2'-0"x 3/4" GRANITE MARBLE	2'-0"x4'-0"x 3/4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—

2. COORDINATE ALL DIMENSION WITH CONSULTANT/EMPLOY DRAWINGS AND SPECIFICATIONS.
3. INCREASE DIMENSIONS AS WELL AS MAKE ADJUST TO THE DRAWINGS FOR THE PROJECT THE DIMENSIONS SHOULD BE READ IN INCH AND FEET.
4. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
6. ALL MATTERS OF COLOUR, TEXTURE, DESIGN AND INTERPRETATION OF UNWRITING SHALL BE REFERRED BY THE CONTRACTOR TO THE CONSULTANT/EMPLOYER IN THE EVENT OF SUCH MATTER NOT ADEQUATELY COVERED IN DRAWINGS.
7. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND READILY ADDED WORK.
8. THE CONTRACTOR SHALL RETURN AND REPAIR TO ITS ORIGINAL CONDITION ALL WORK AND ITEMS DAMAGED AS A RESULT OF BUILDING OPERATIONS AND SHALL LEAVE THE WORK COMPLETED TO THE TRUE INTENT OF THE DIMENSIONS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT AN ADDITIONAL COST TO THE OWNER.

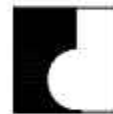
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PROPOSED TECHNOLOGY (NASTECH) PARK AT  
SUKKUR IBA UNIVERSITY, SUKKUR



STRUCTURE CONSTRUCTION DRAWINGS  
MARCH-2025

Naqvi & Siddiquie Architects – Islamabad  
JV Designmen Consulting Engineers (Pvt.) Ltd.



Designmen Consulting Engineers (Pvt.) Ltd.

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STREET#14 PLOT#1 Opp. TO PAKISTAN  
POVERTY ALLEVIATION FUND OFFICE,  
SECTOR G-8/1, ISLAMABAD  
TEL: 051-2289407/10



S.No.	TITEL	DWG.No.
01:-	GENAERAL NOTES	S-0A
02:-	GENAERAL NOTES	S-0B
03:-	GENAERAL NOTES	S-0C
04:-	RAFT LAYOUT PLAN (SHOWING THICKNESS OF RAFT)	S-01
05:-	STONE SOLING LAYOUT PLAN (4'-0" THICKNESS)	S-02
06:-	RAFT REINFORCEMENT DETAIL BOTTOM LAYER	S-03
07:-	RAFT REINFORCEMENT DETAIL BOTTOM EXTRA LAYER	S-04
08:-	RAFT REINFORCEMENT DETAIL TOP LAYER & TOP EXTRA	S-05
09:-	SECTION A-A	S-06
10:-	TYP. SEC OF RAFT SHOWING LEVELS	S-07
11:-	TYP. SEC OF RAFT REINFORCEMENT DETAIL	S-08
12:-	LIFT WALL REINFORCEMENT DETAIL	S-09
13:-	LIFT WALL REINFORCEMENT SECTION A-A DETAIL	S-10
14:-	TYP.DETAIL OF STAIR-01	S-11
15:-	TYP.DETAIL OF STAIR-02	S-12
16:-	RAMP REINFORCEMENT DETAIL	S-13
17:-	COLUMN LAYOUT PLAN	S-14
18:-	COLUMN REINFORCEMENT DETAIL	S-15
19:-	COLUMN REINFORCEMENT DETAIL	S-15A
20:-	COLUMN REINFORCEMENT DETAIL	S-16
21:-	PLINTH BEAM FRAMING PLAN	S-17
22:-	PLINTH BEAM REINFORCEMENT DETAIL	S-18
23:-	FIRST FLOOR BEAM FRAMING PLAN	S-19
24:-	BEAM REINFORCEMENT DETAIL	S-20
25:-	BEAM REINFORCEMENT DETAIL	S-21
26:-	FIRST FLOOR SLAB REINFORCEMENT DETAIL	S-22
27:-	SECOND FLOOR BEAM FRAMING PLAN	S-23
28:-	BEAMS REINFORCEMENT DETAIL	S-24
29:-	BEAMS REINFORCEMENT DETAIL	S-25
30:-	SECOND FLOOR SLAB REINFORCEMENT DETAIL	S-26
31:-	ROOF BEAM FRAMING PLAN	S-27
32:-	BEAMS REINFORCEMENT DETAIL	S-28

S.No.	TITEL	DWG.No.
33:-	BEAMS REINFORCEMENT DETAIL	S-29
34:-	ROOF SLAB REINFORCEMENT DETAIL	S-30
35:-	MUMTY ROOF BEAM FRAMING PLAN	S-31
36:-	MUMTY ROOF SLAB REINFORCEMENT DETAIL	S-32
37:-	SECTION OF O.H.W.T	S-33
38:-	PARAPET WALLS DETAILS	S-34
38:-	TYP. SEPTIC TANK REINFORCEMENT DETAIL	S-35



# GENERAL NOTES

## 1. SYSTEM OF UNITS

- ALL DIMENSIONS, SPACING ETC. ARE IN INCHES AND FEET UNLESS OTHERWISE SPECIFIED.
- ALL ELEVATIONS ARE IN INCHES & FEET UNLESS OTHERWISE NOTED.

## 2. CONCRETE

- THE MINIMUM CONCRETE COMPRESSIVE CYLINDER STRENGTH AT 28 DAYS SHALL BE 4000PSI (28MPa) FOR ALL COLUMNS & R.C.C WALLS.
- THE MINIMUM CONCRETE COMPRESSIVE CYLINDER STRENGTH AT 28 DAYS SHALL BE 3000PSI (20MPa) FOR FOUNDATION, BEAMS SLABS ETC.
- MINIMUM COMPRESSIVE CYLINDER STRENGTH AT 28 DAYS OF ALL BLINDING CONCRETE SHALL BE 1500PSI (10MPa) UNLESS OTHERWISE NOTED ON THE DRAWING.

## 3. REINFORCING STEEL

- ALL REINFORCING STEEL FOR REINFORCED CONCRETE SHALL BE 60,000PSI (GRADE 60) (414MPa) DEFORMED BARS.
- ALL LAP LENGTHS AND DEVELOPMENT LENGTHS OF REINFORCING BARS SHALL BE ACCORDING TO ACI CODE.
- THE SHEAR REINFORCEMENT (STIRRUPS) IN ALL BEAMS/COLUMNS SHALL BE 60,000 PSI (414MPa)

## 4A. TYPE OF CEMENT

SULPHATE RESISTING CEMENT TYPE-V TO BE USED IN ALL R.C.C WORKS UP TO PLINTH LEVEL AND ORDINARY PORTLAND CEMENT TO USED FOR ALL RCC WORK ABOVE PLINTH LEVEL.

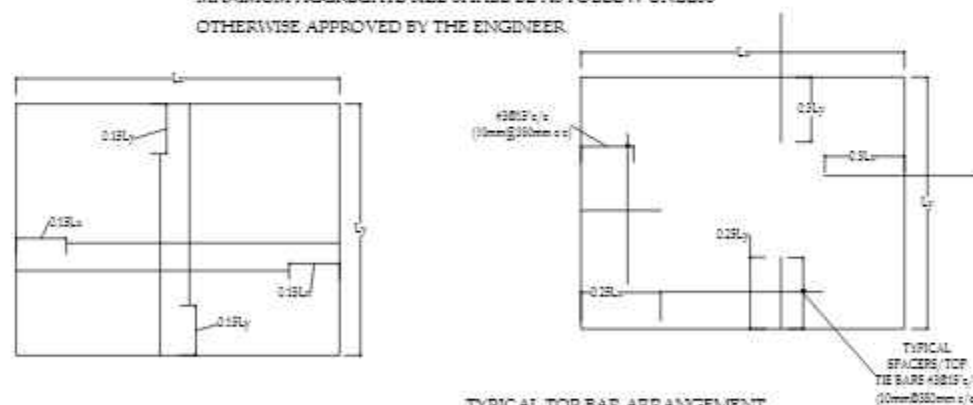
## 5. CONCRETE PROTECTION TO REINFORCEMENT

MINIMUM CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS OTHERWISE SPECIFIED ON THE DRAWING.

STRUCTURAL ELEMENT	COVER
FOOTING	3" (75mm)
SLABS, WALLS	3/4" (20mm)
COLUMNS & BEAMS	1 1/2" (39mm)
Water Retaining Structures	3" (75mm)

## 6. AGGREGATE SIZE

MAXIMUM AGGREGATE SIZE SHALL BE AS FOLLOW UNLESS OTHERWISE APPROVED BY THE ENGINEER.



TYPICAL BOTTOM BAR ARRANGEMENT  
DETAILS FOR SLAB

TYPICAL TOP BAR ARRANGEMENT  
DETAILS FOR SLAB (BOTH WAYS)

STRUCTURAL ELEMENT	MAX. AGGREGATE SIZE
RAFT	1 1/4" (30mm)
SLABS, WALLS	3/4" (20mm)
COLUMNS & BEAMS	3/4" (20mm)

## 7. LEVELS

THE LEVELS SHOWN ON STRUCTURAL DRAWINGS ARE STRUCTURAL FLOOR LEVELS. COORDINATE LEVELS WITH ARCHITECTURAL DRAWINGS

## 8. CONSTRUCTION JOINT

CONSTRUCTION JOINT SHALL GENERALLY BE FOLLOWED AS INDICATED ON THE DRAWING-HOWEVER THE CONTRACTOR WILL USE CONSTRUCTION JOINTS ARRANGEMENT TO SUIT HIS REQUIREMENT WITH PRIOR APPROVAL OF THE ENGINEER. FOR THIS PURPOSE THE CONTRACTOR SHALL HAVE TO SUBMIT HIS PROPOSAL FOR THE APPROVAL OF THE ENGINEERS SUFFICIENTLY IN ADVANCE OF HIS SCHEDULED POURING DATE. ALL CONSTRUCTION JOINTS SHALL BE TREATED AS PER SPECIFICATIONS DIFFERENTIAL HEIGHT IN CONSTRUCTION SHALL NOT EXCEED 20 FEET. 610cm

## 9. TOP & BOTTOM REINFORCEMENT IN BEAM & RAFT

CUT LENGTH FOR TOP REINFORCEMENT SHOULD BE L/3 AND FOR BOTTOM REINFORCEMENT SHALL BE L/5 FROM SUPPORT FACE WHERE L IS CLEAR SPAN.

## 10. LOCAL ADJUSTMENT

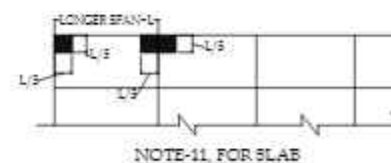
LOCAL ADJUSTMENT TO ACCOMMODATE FEATURES/EMBEDMENTS OPENINGS MAY BE MADE AT SITE BUT SUBJECT TO THE APPROVAL OF THE ENGINEER, AS LONG AS IT WOULD NOT MATERIALLY EFFECT THE DESIGN.

## 11. TOLERANCES AND DIMENSIONS

BEFORE THE FORM WORK IS LAID AT SITE THE CONTRACTOR MUST VERIFY AND CHECK OVERALL DIMENSIONS/ELEVATION OF THE STRUCTURE GIVEN IN THE STRUCTURAL DRAWINGS TO SEE IF THE FINISHED DIMENSION/ELEVATION GIVEN ON THE DRAWING TALLY AFTER PROVIDING THE REQUIRED FINISH THE ENGINEER REPRESENTATIVE SHALL VERIFY THE MEASUREMENT OF STRUCTURAL SIZES AND ELEVATION BE RECORDED IN RELEVANT FOUR STEPS TO BE PUT UP BY THE CONTRACTOR AND TO BE APPROVED BY THE ENGINEER BEFORE EXECUTION PERMISSION TO PROCEED, SHALL NOT BE GRANTED IF DEVIATIONS ARE MORE THAN PERMISSIBLE TOLERANCES.

## 12. TYPICAL SLAB REINFORCEMENT DETAIL

ALL SLAB CORNERS WITH MAIN SPANS ABOVE 20' (610cm) SHALL HAVE EXTRA REINFORCEMENT AS INDICATED-3/4 OF MAIN REINFORCEMENT (T&B) WHERE L= LONGER SPAN



# DETAILING OF REINFORCEMENT

## 1. DEVELOPMENT LENGTH (ACI 21.5.4)

UNLESS OTHERWISE STATED ON THE DRAWINGS, THE FOLLOWING DEVELOPMENT LENGTH LENGTHS SHALL BE PROVIDED:

Bar Dia	fy=60,000 psi					
	Straight Bar #6 bars	l=(25/fc) (upto l=(20/fc) (#7 And above)		With Standard Hook L=0.8x0.02f <sub>y</sub> /f <sub>c</sub> '		
	fc=3000 Psi	fc=4000 Psi	fc=4500 Psi	fc=3000 Psi	fc=4000 Psi	fc=4500 Psi
1/4"	14"	10"	12"	5"	4"	4"
3/8"	17"	15"	14"	7"	6"	6"
1/2"	22"	19"	18"	9"	8"	8"
5/8"	28"	24"	23"	11"	10"	9"
3/4"	33"	28"	27"	13"	12"	11"
1"	55"	48"	45"	18"	15"	16"

## 2. STANDARD HOOKS (ACI 7.1.7.2)

Bar Dia	A	B	C		180° Hook
1/4"	2.5"	1.5"	3"		
3/8"	2.5"	1.25"	4.5"		90° Hook
1/2"	2.5"	3"	6"		
5/8"	2.5"	3.75"	7.5"		
3/4"	3"	4.5"	9"		
1"	4"	6"	12"		

## 3. LAP LENGTH

UNLESS OTHERWISE STATED ON THE DRAWING, THE FOLLOWING LAP LENGTHS SHALL BE PROVIDED:

Bar Dia	fy=60,000 psi		
	Length of Lap Splice		
	fc=3000 Psi	fc=4000 Psi	fc=4500 Psi
1/4"	18"	13"	15"
3/8"	22"	20"	18"
1/2"	29"	25"	24"
5/8"	36"	32"	29"
3/4"	43"	36"	35"
1"	72"	63"	58"

EXCEPT WHEN OTHERWISE SHOWN ON THE DRAWING, WHENEVER REINFORCING BARS OF DIFFERENT SIZES ARE TO BE SPLICED, THE SPLICED LENGTH IS TO BE LARGER OF THE DEVELOPMENT LENGTH AND THE SPLICE LENGTH OF SMALLER BAR.

## 4. SPACING


THE FIRST AND LAST BARS IN WALLS, SLABS, STIRRUPS IN BEAMS AND TIES IN COLUMNS SHOULD START AND END AT A MAXIMUM OF ONE HALF ADJACENT BAR SPACING.

## 5. ACCESSORIES

BAR SUPPORTS, SPACERS AND OTHER ACCESSORIES ARE NOT SHOWN ON THE DRAWING. THE RECOMMENDATION OF ACIES OR OTHER SUPPORTING SYSTEM AS APPROVED BY THE ENGINEER MAY BE USED (SPACERS TO BE #3@15 c/c (10mm@380mm c/c) & NOT TO BE PROVIDED IN THE AREA WHERE NEGATIVE REINFORCEMENT EXISTS).

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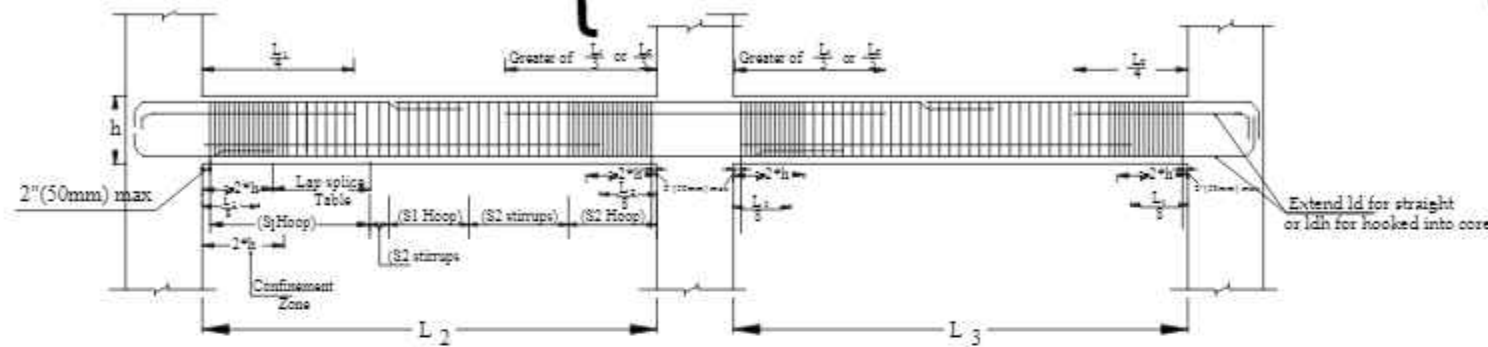


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						DESIGNED BY:	ZULFQAR		GENERAL NOTES				
						STR. HEAD:	NAJIB AHMAD		TYPE OF DRAWING:-	ISSUED FOR:-			
						CAD CHECK:	ASIF IQBAL						
						QAG CHECK:	MANSAB DAR						
						APPROVED BY:	NAJIB AHMAD					STRUCTURE	TENDER
										PROJECT:-		PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR	
SCALE:-		DATE:-		DWG NO:-		REVISION:-							
		MARCH-2015		S-33-2022-S-04									

$$S_1 = \text{Hoop} \leq \text{Smaller of } \begin{cases} a) \leq d/4 \\ b) 8 d_b \text{ of smallest longitudinal bar} \\ c) 24 d_b \text{ of hoop bars} \\ d) 12" (300\text{mm}) \end{cases}$$

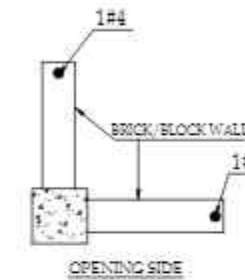
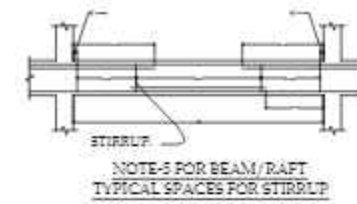
$$S_2 = \text{Stirrups} \leq d/2$$

Note: At lap splices stirrups must be provided  $\leq$  Smaller of  $\begin{cases} a) \leq d/4 \\ b) 4" (100\text{mm}) \end{cases}$



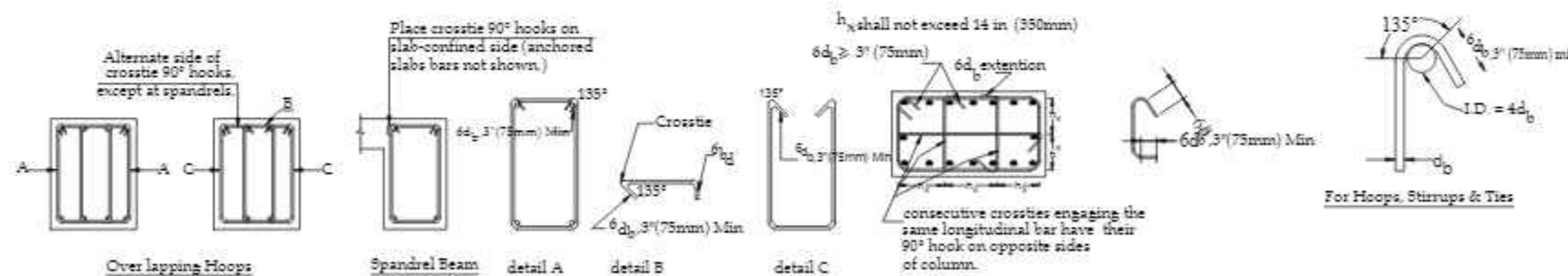
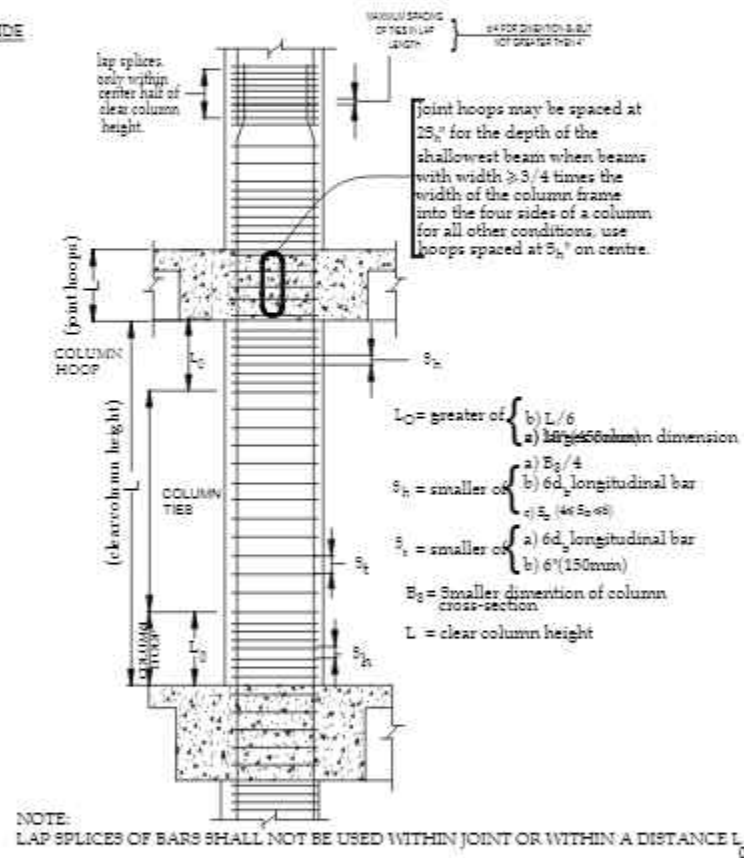
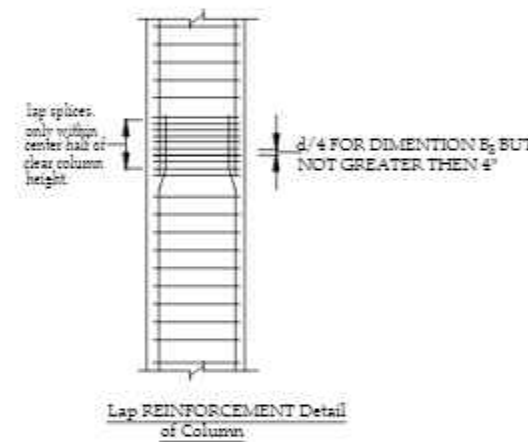
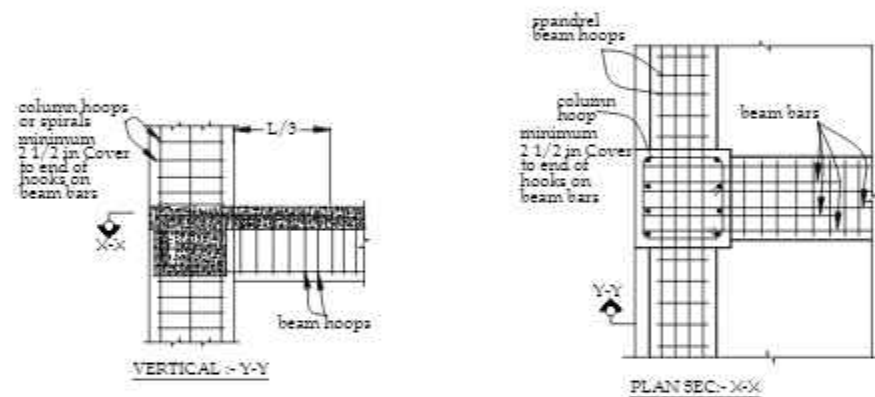
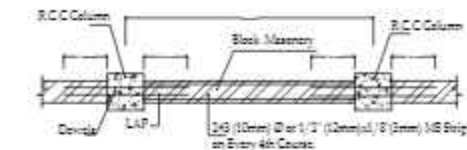
NOTE: No lap splice shall be permitted within joints and Confinement Zone

#### TYPICAL REBAR PLACEMENT



#### IMPORTANT NOTE:-

- 1- ALL BRICK MASONRY WALLS, TO BE TIED WITH R.C.C. COLUMNS.
- 2- ALL DETAILING OF REBARS AS PER SEISMIC ZONE (UBQ).

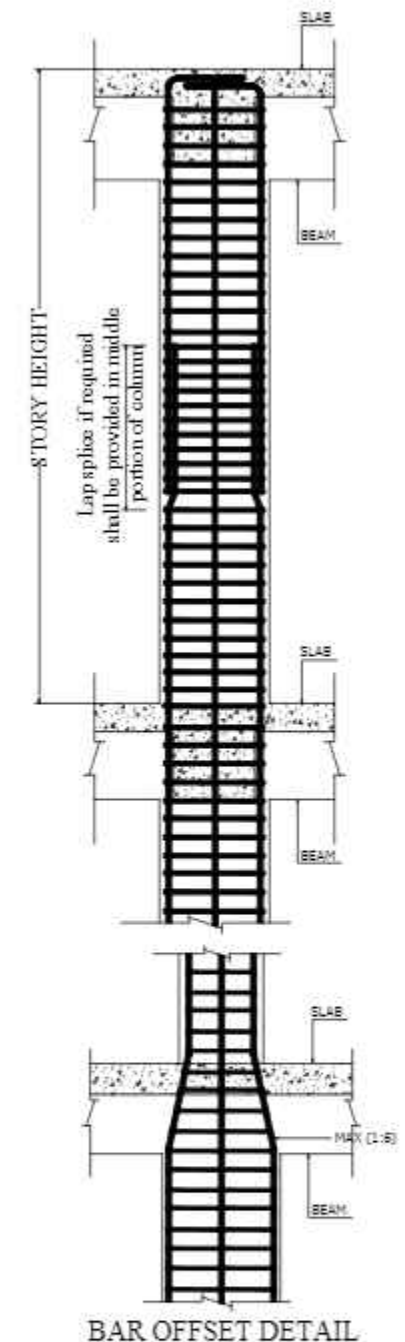
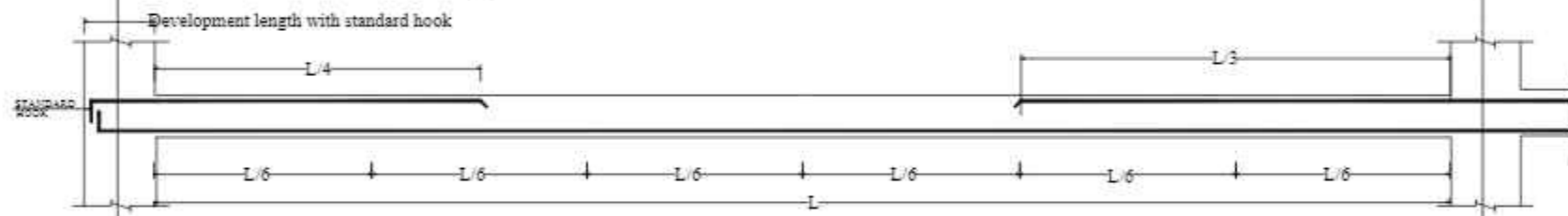
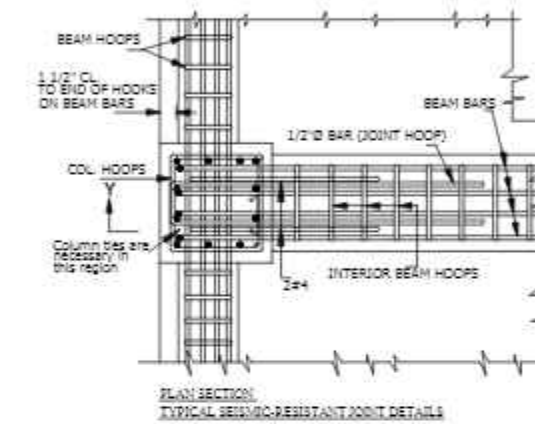
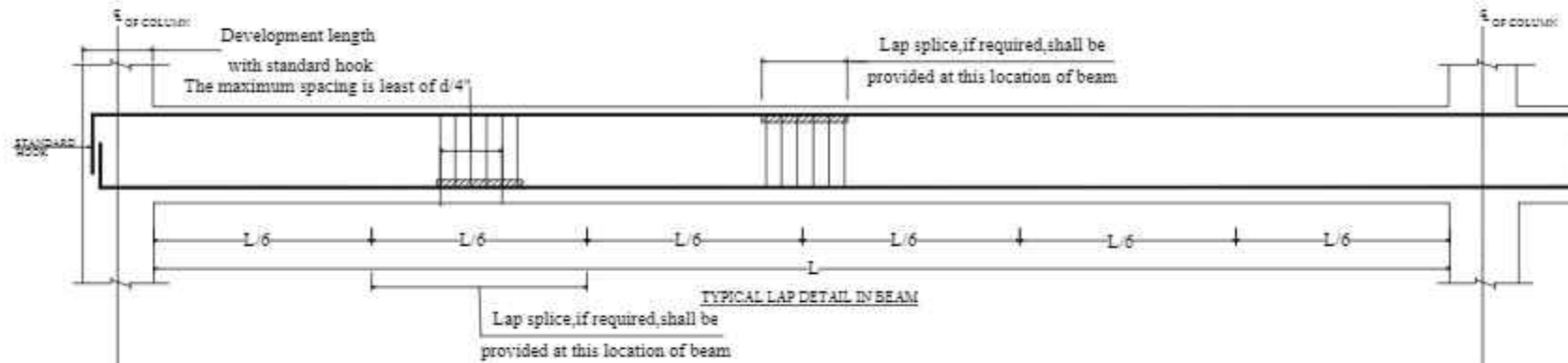
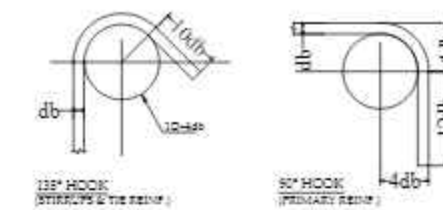
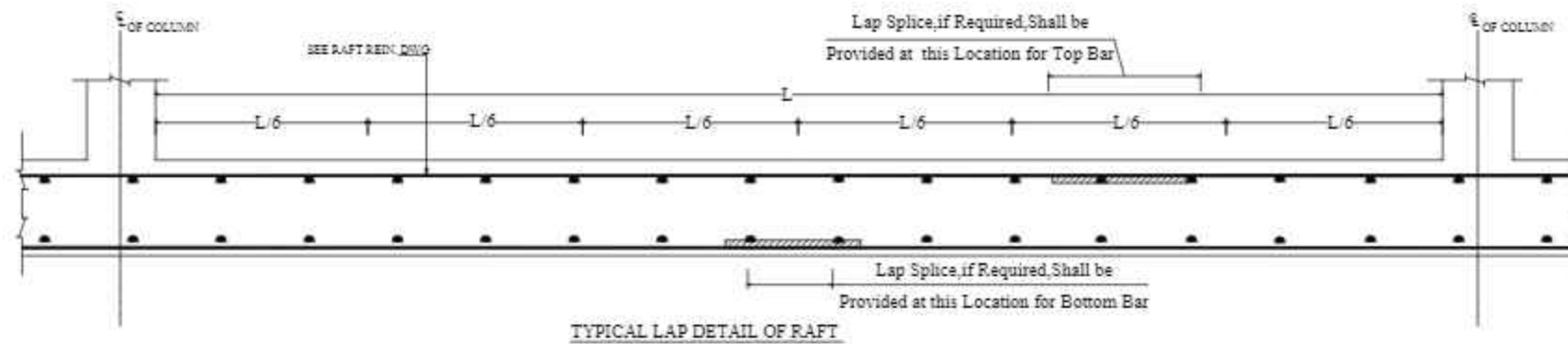


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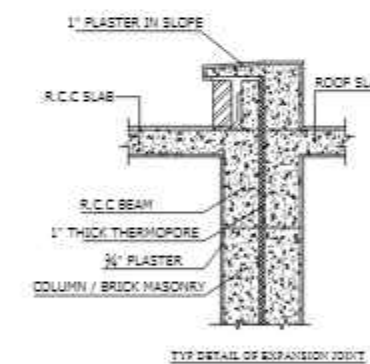
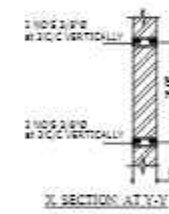
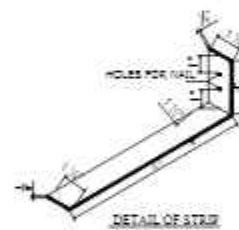
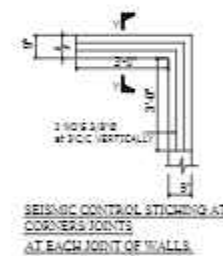
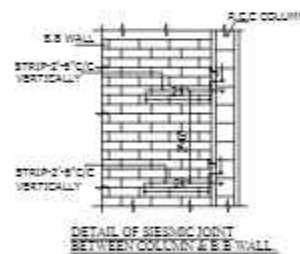


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			THE OWNER WILL APPOINT SUPERVISOR FOR CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND THE SUPERVISOR ARE RESPONSIBLE FOR QUALITY AND STABILITY OF BUILT STRUCTURE. THE STRUCTURE ENGINEER/ARCHITECT IS ONLY RESPONSIBLE FOR STRUCTURAL/ARCHITECTURAL DESIGN OF THE BUILDING, RESPECTIVELY.			DESIGNED BY:	ZULFQAR	IS THE ORIGINAL OF THIS DRAWING IS THE EXCLUSIVE PROPERTY OF DESIGNMEN AND THE ACCEPTANCE OF THIS PRINT CONSTITUTES AN AGREEMENT THAT IT WILL BE TREATED AS A CONFIDENTIAL DOCUMENT TO BE USED FOR NO PURPOSE OTHER THAN AS EXPRESSLY DESIRED / ALLOWED BY DESIGNMEN. THESE DRAWINGS ARE NOT TO BE COMMUNICATED, DISCLOSED, COPIED OR PUBLISHED EXCEPT AS EXPRESSLY AUTHORIZED IN WRITING BY DESIGNMEN.	GENERAL NOTES	STRUCTURE	TENDER	PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR.		MARCH-2015	S-33-2012-S- 0B	00





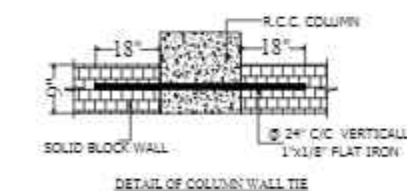
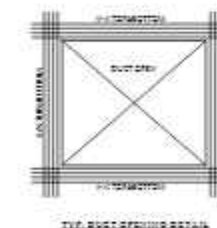
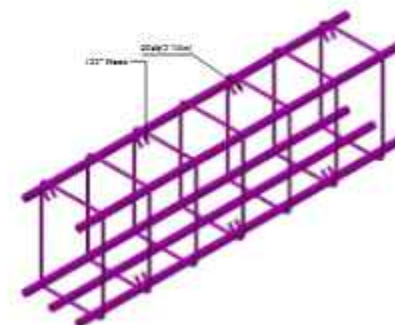
GENERAL DETAIL LOCATION OF LAP



INTERNAL WALLS & STRIPS					
REINFORCEMENT IN UNITS FOR DOOR, WINDOWS, VENTILATORS					
UNIT	SPUN	INTL.	TOP	INTL.	STRIPS
2'x4'x4"	4#4	2#4	2#4	2#4	15#4 C.C.
4'x4'x4"	8#4	4#4	4#4	4#4	15#4 C.C.
4'x6'x4"	8#4	4#4	4#4	4#4	15#4 C.C.


INTERNAL WALLS & STRIPS					
REINFORCEMENT IN UNITS FOR DOOR, WINDOWS, VENTILATORS					
UNIT	SPUN	INTL.	TOP	INTL.	STRIPS
2'x4'x4"	4#4	2#4	2#4	2#4	15#4 C.C.



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			THE OWNER WILL APPOINT SUPERVISOR FOR			DESIGNED BY:	ZULFQAR		STRUCTURE	TENDER							PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR				MARCH-2015		S-33-2012-S- OC			
			CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND			STR. HEAD:	NAJIB AHMAD																			
			THE SUPERVISOR ARE RESPONSIBLE FOR QUALITY AND			CAD CHECK:	ASIF IQBAL																			
			STABILITY OF BUILT STRUCTURE. THE STRUCTURE			QAG CHECK:	MANSAB DAR																			
			ENGINEER/ARCHITECT IS ONLY RESPONSIBLE FOR																							
			STRUCTURAL/ARCHITECTURAL DESIGN OF THE BUILDING			APPROVED BY:	NAJIB AHMAD																			
			RESPECTIVELY.																							



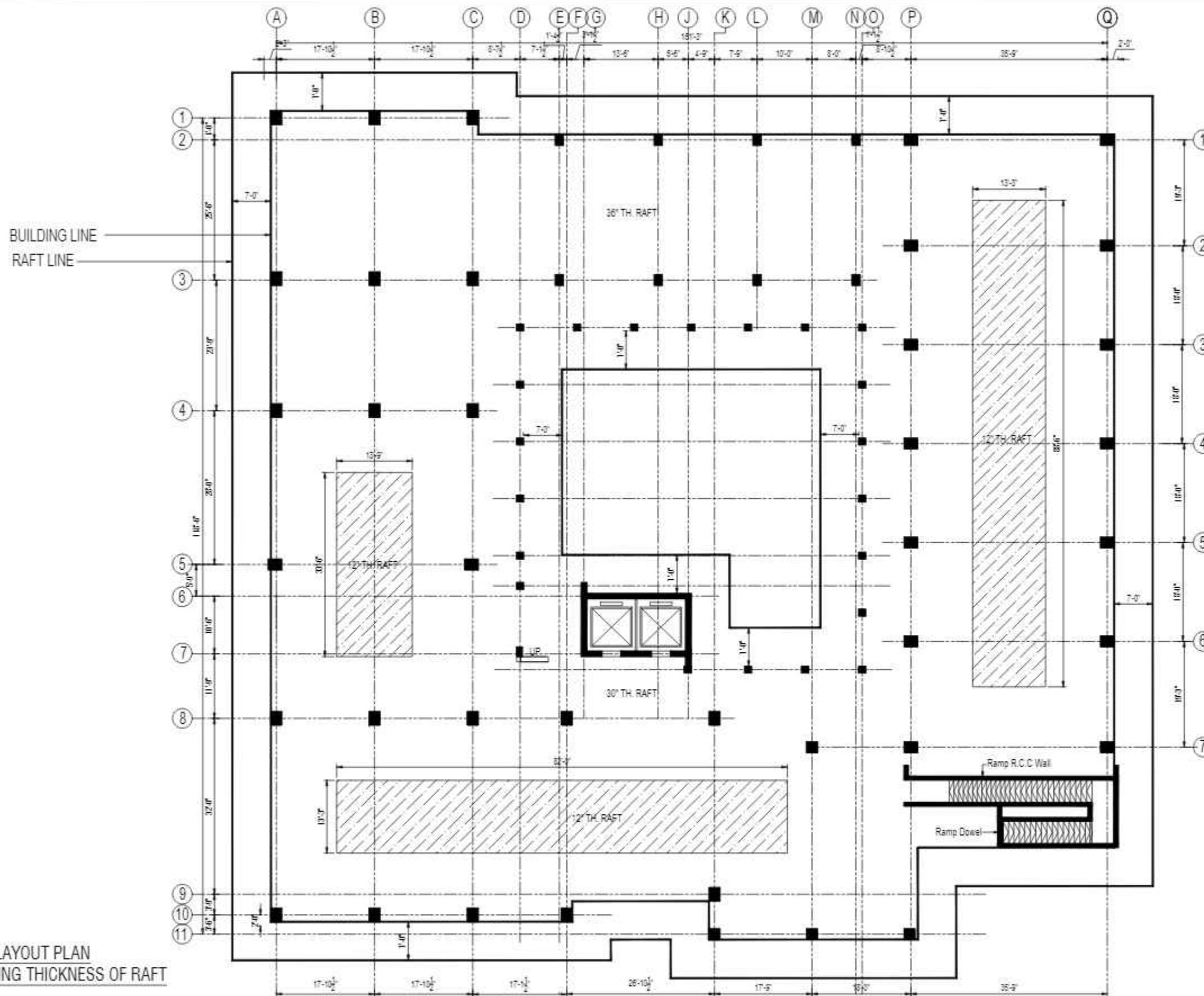
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RAFT LEGEND	
36" TH. RAFT	
12" TH. RAFT	

RAFT LAYOUT PLAN  
SHOWING THICKNESS OF RAFT

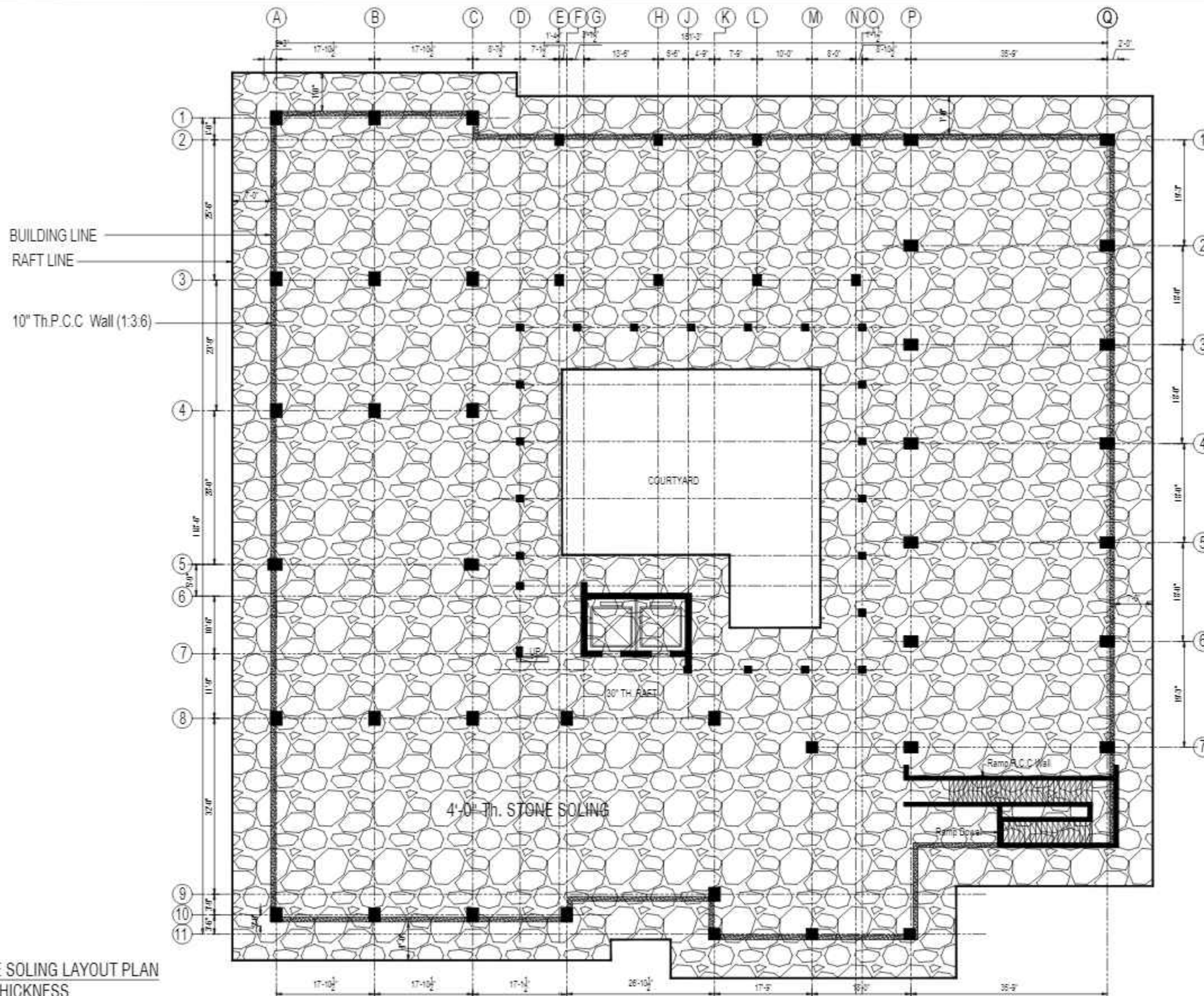
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						DESIGNED BY:	ZULFQAR										
						STR. HEAD:	NAJIB AHMAD										
						CAD CHECK:	ASIF IQBAL										
						QAG CHECK:	MANSAB DAR										
						APPROVED BY:	NAJIB AHMAD										

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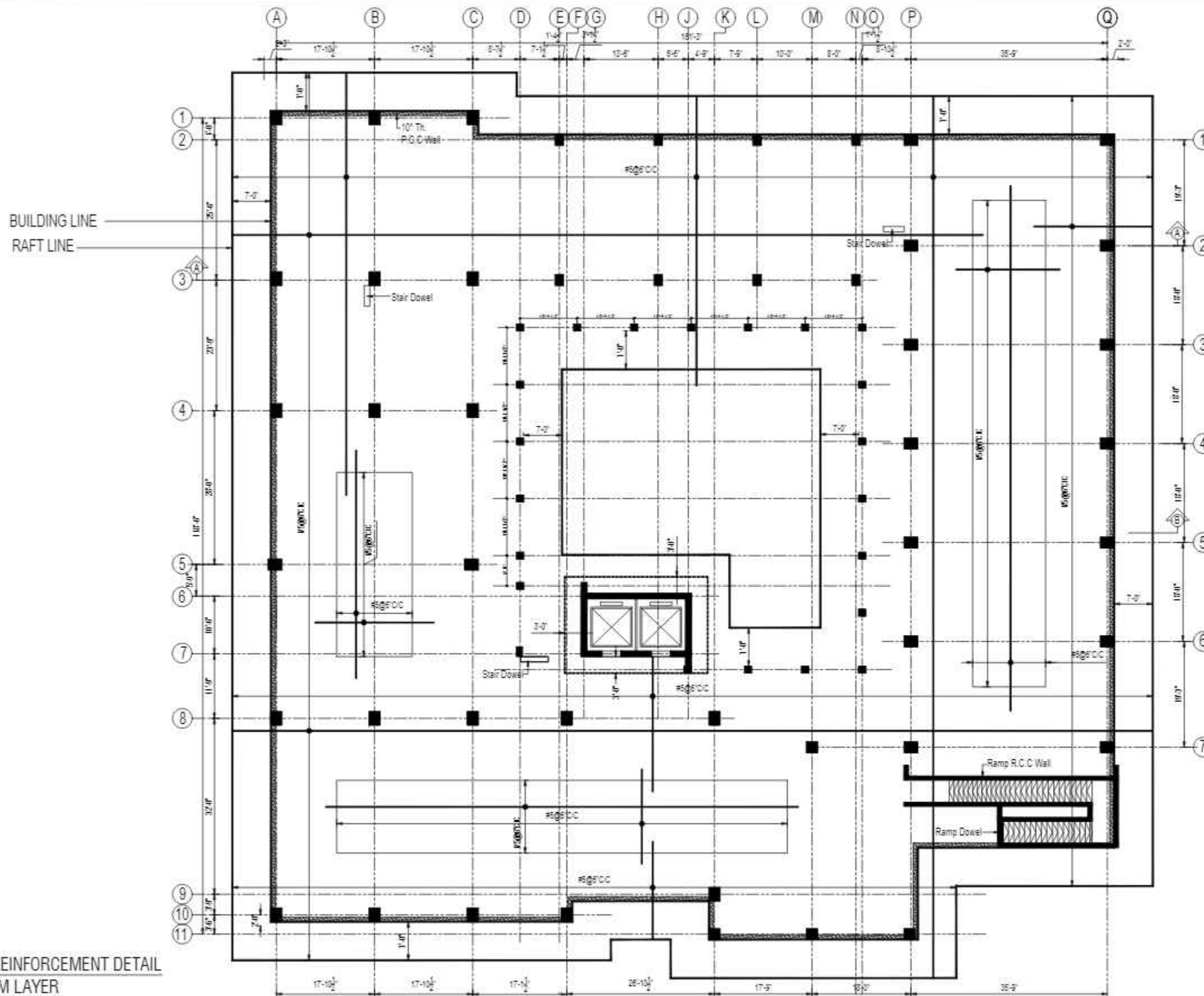
L E G E N D	
4'-0" Th. STONE SOLING	

STONE SOLING LAYOUT PLAN  
4'-0" THICKNESS

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			THE OWNER WILL APPOINT SUPERVISOR FOR CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND THE SUPERVISOR ARE RESPONSIBLE FOR QUALITY AND STABILITY OF BUILT STRUCTURE. THE STRUCTURE ENGINEER/ARCHITECT IS ONLY RESPONSIBLE FOR STRUCTURAL/ARCHITECTURAL DESIGN OF THE BUILDING, RESPECTIVELY.			DESIGNED BY:	ZULFQAR	THE ORIGINAL OF THIS DRAWING IS THE EXCLUSIVE PROPERTY OF DESIGNMEN AND THE ACCEPTANCE OF THIS PRINT CONSTITUTES AN AGREEMENT THAT IT WILL BE TREATED AS A CONFIDENTIAL DOCUMENT TO BE USED FOR NO PURPOSE OTHER THAN AS EXPRESSLY DESIRED / ALLOWED BY DESIGNMEN. THESE DRAWINGS ARE NOT TO BE COMMUNICATED, DISCLOSED, COPIED OR PUBLISHED EXCEPT AS EXPRESSLY AUTHORIZED IN WRITING BY DESIGNMEN.	STONE SOLING LAYOUT PLAN (4'-0" THICKNESS)	STRUCTURE	TENDER	PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR.		MARCH-2015	S-33-2022-S- 02	00
						STR. HEAD:	NAJIB AHMAD									
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						QAG CHECK:	MANSAB DAR									
						APPROVED BY:	NAJIB AHMAD									

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RAFT REINFORCEMENT DETAIL  
BOTTOM LAYER

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						STR. HEAD:	NAJIB AHMAD									
						CAD CHECK:	ASIF IQBAL									
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						APPROVED BY:	NAJIB AHMAD									



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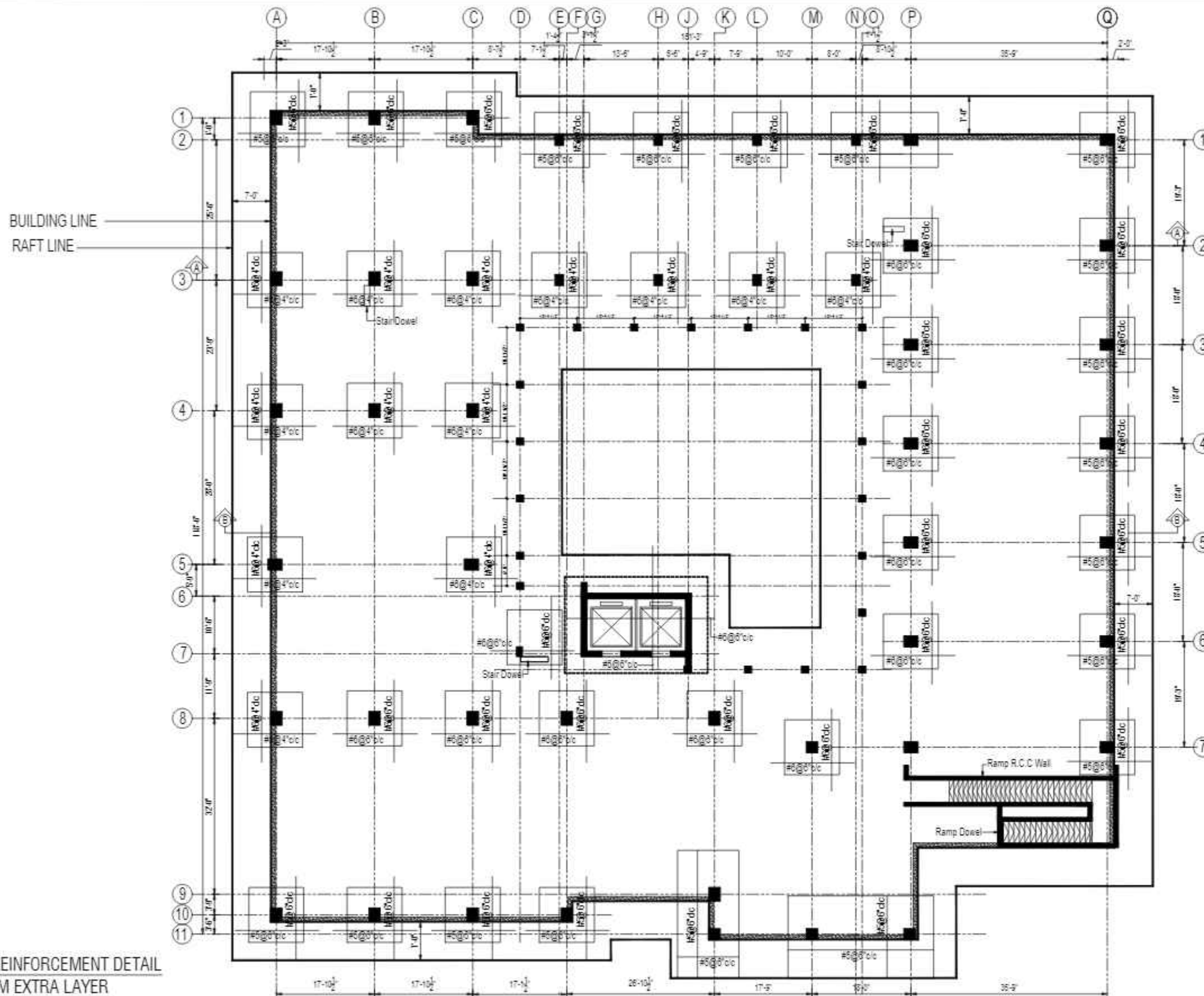
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PROJECT - PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR

SCALE - DATE - MARCH-2015 DWG NO - S-33-2022-S- 03 REVISION - 00





RAFT REINFORCEMENT DETAIL  
BOTTOM EXTRA LAYER

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REV No.	DATE	REVISIONS

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DESIGNED BY:	ZULFQAR
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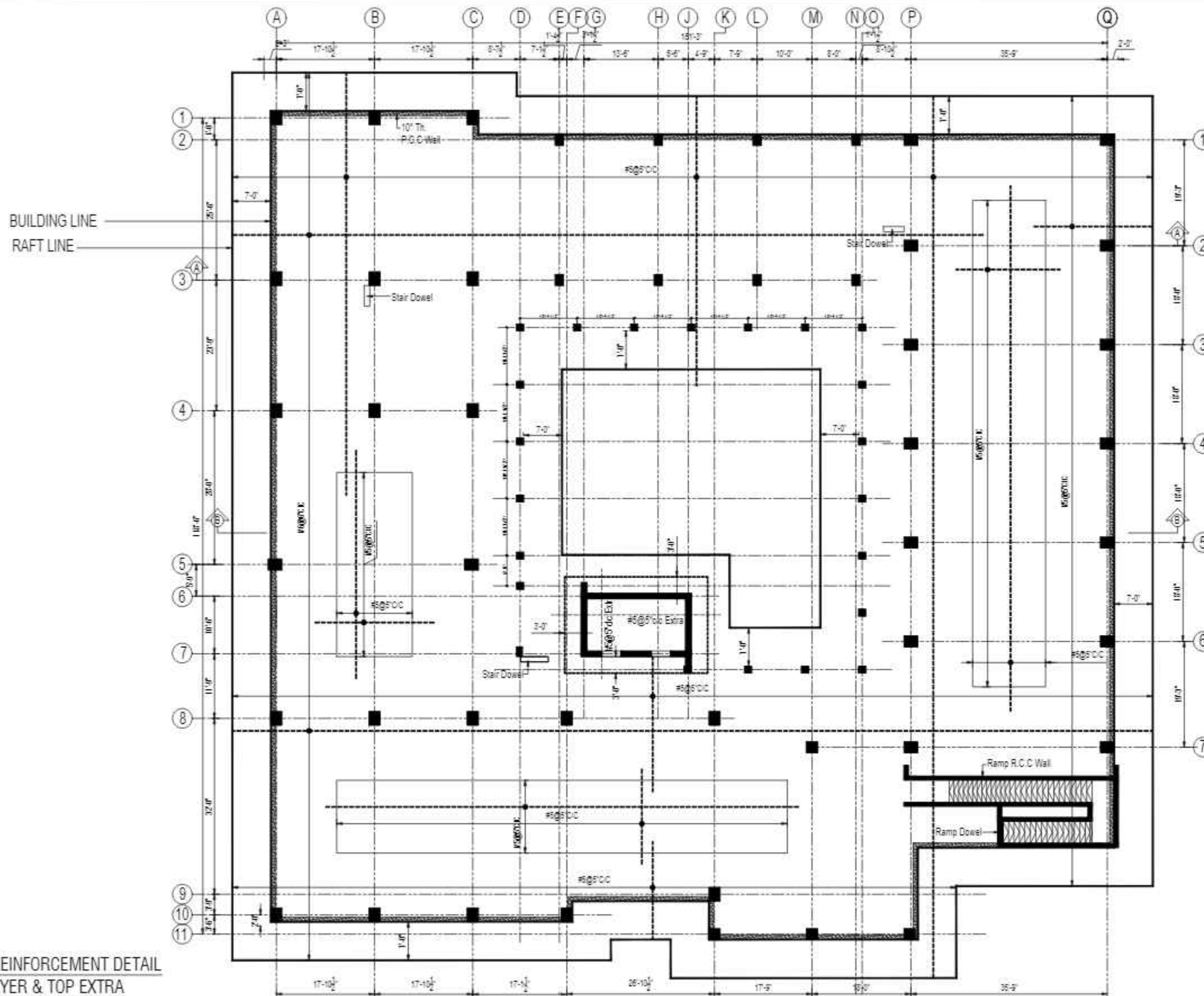


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RAFT REINFORCEMENT DETAIL  
TOP LAYER & TOP EXTRA

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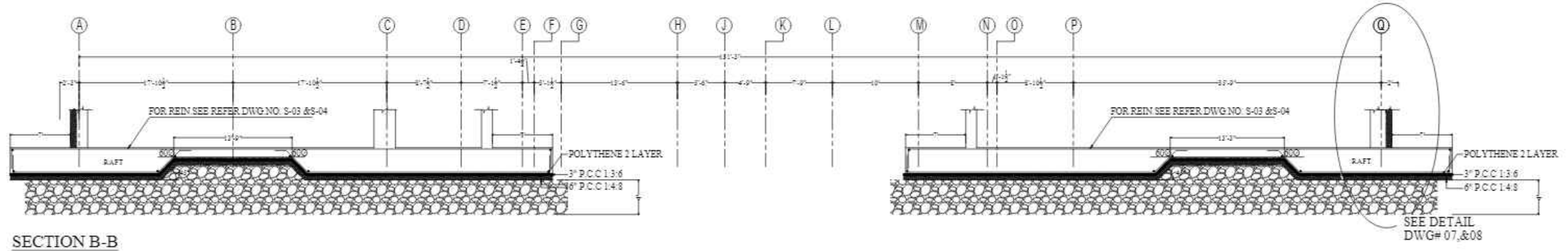
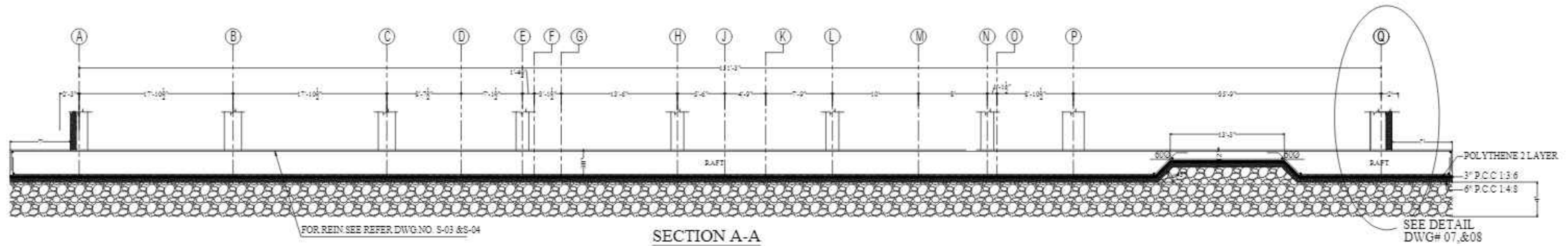


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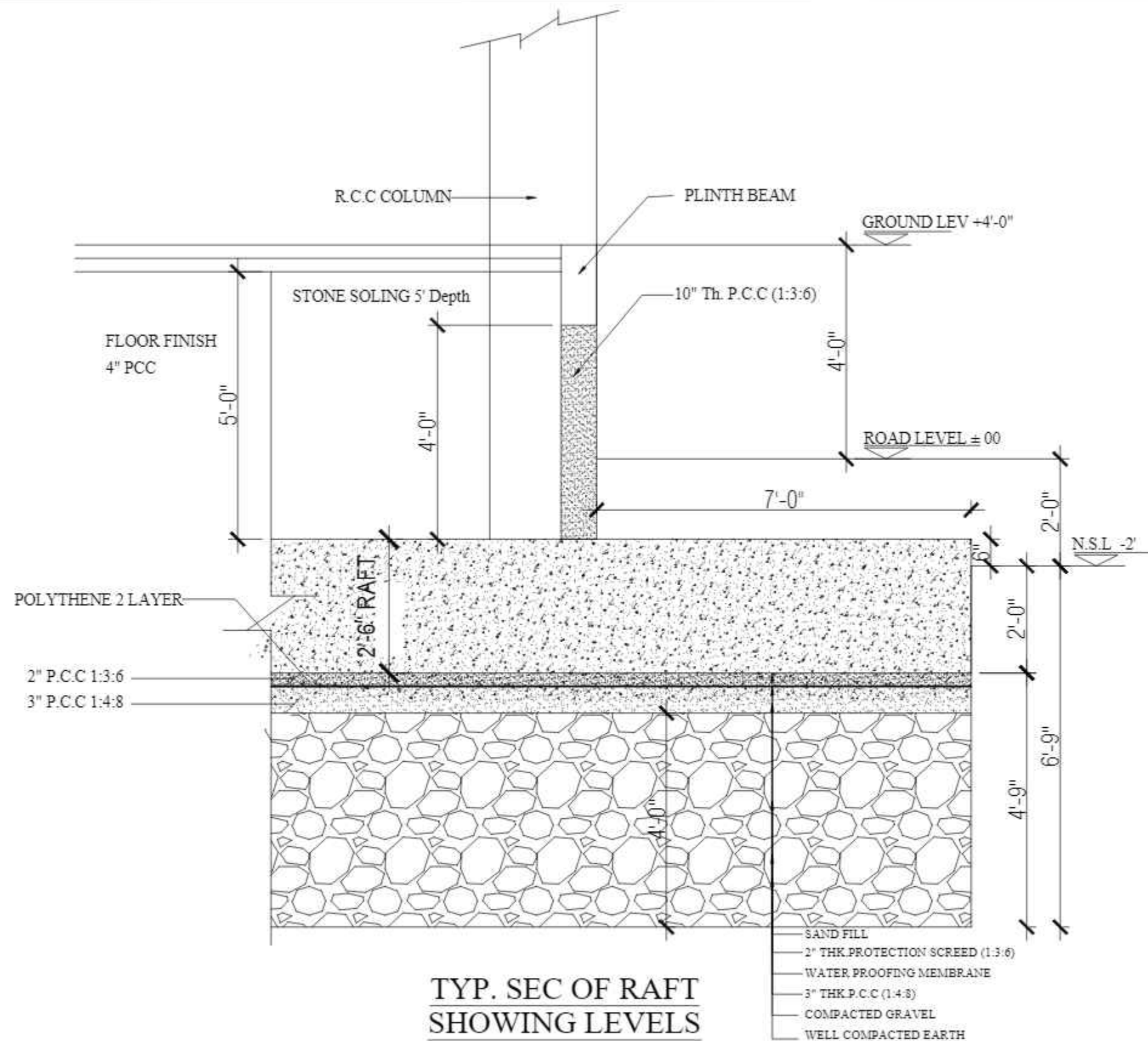
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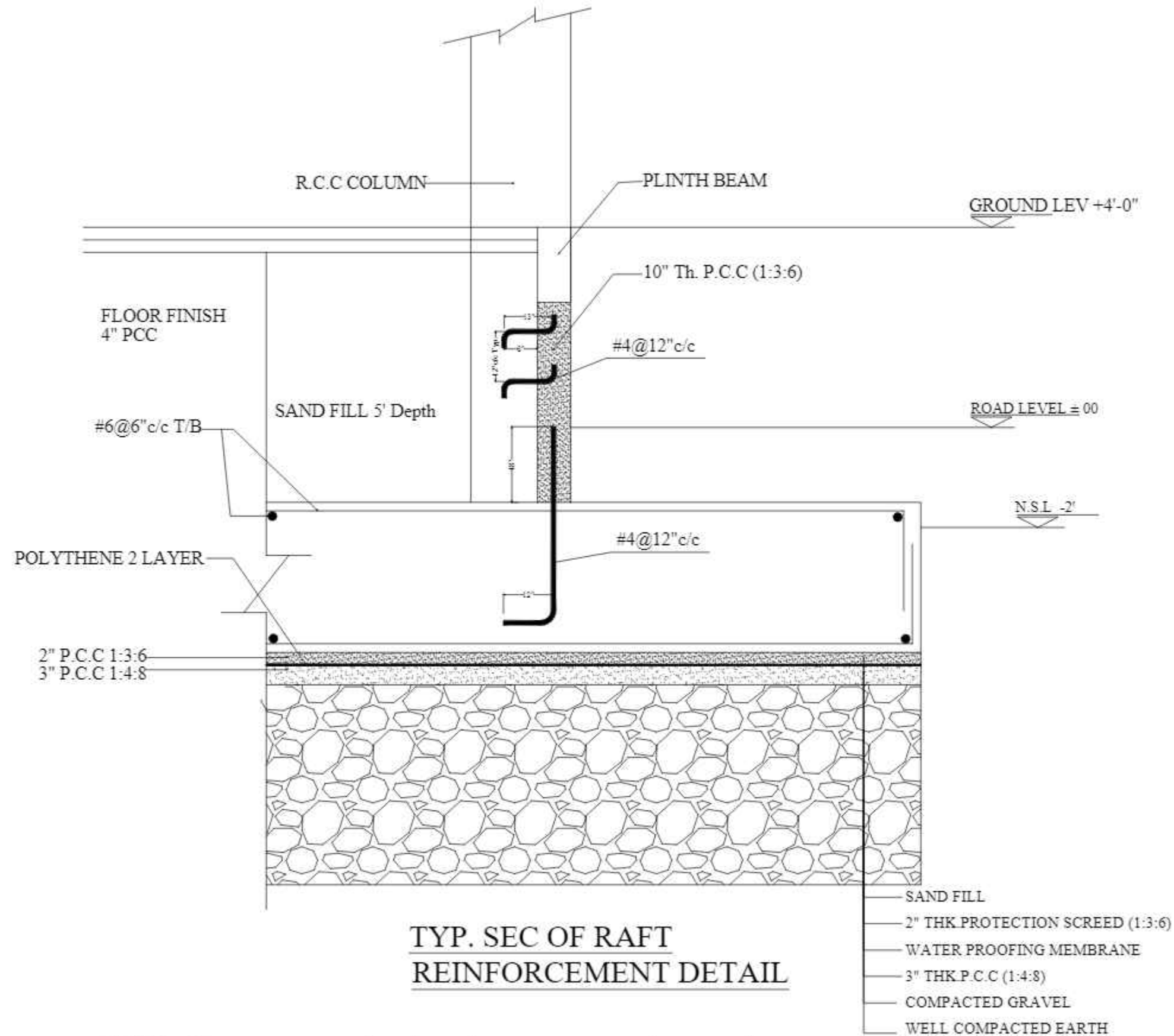
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						STR. HEAD:	NAJIB AHMAD		TYPE OF DRAWING -
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						STR. HEAD:	NAJIB AHMAD									
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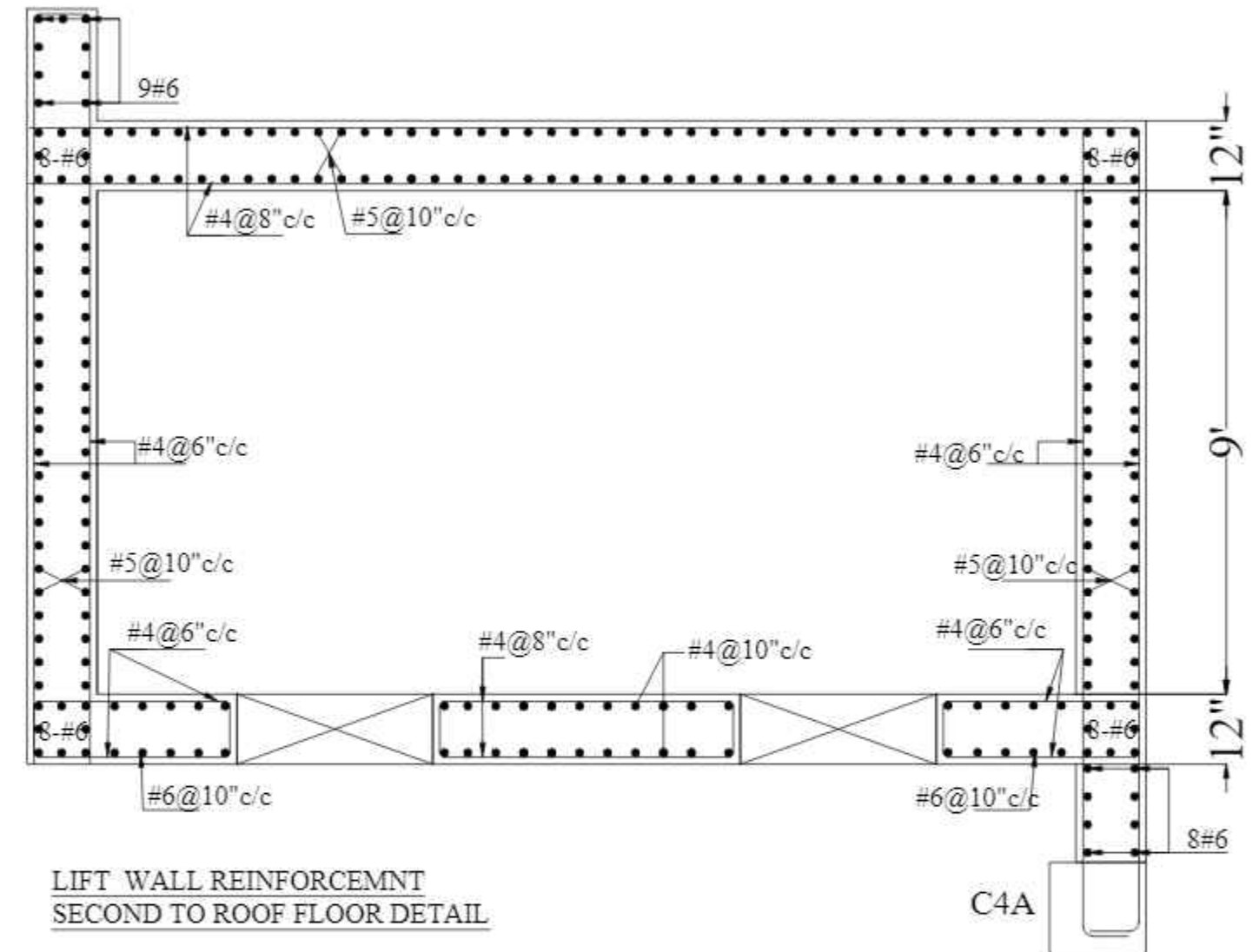
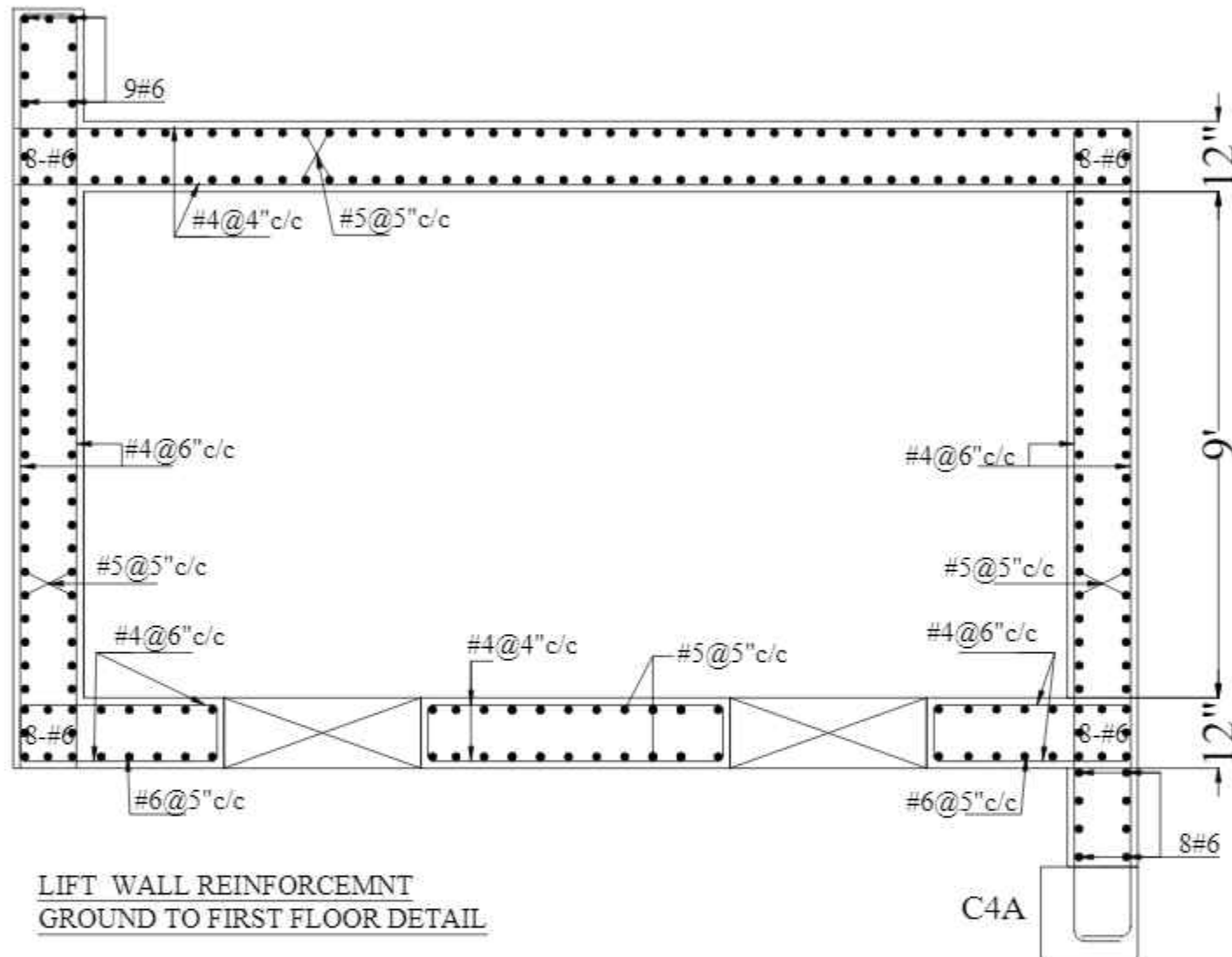


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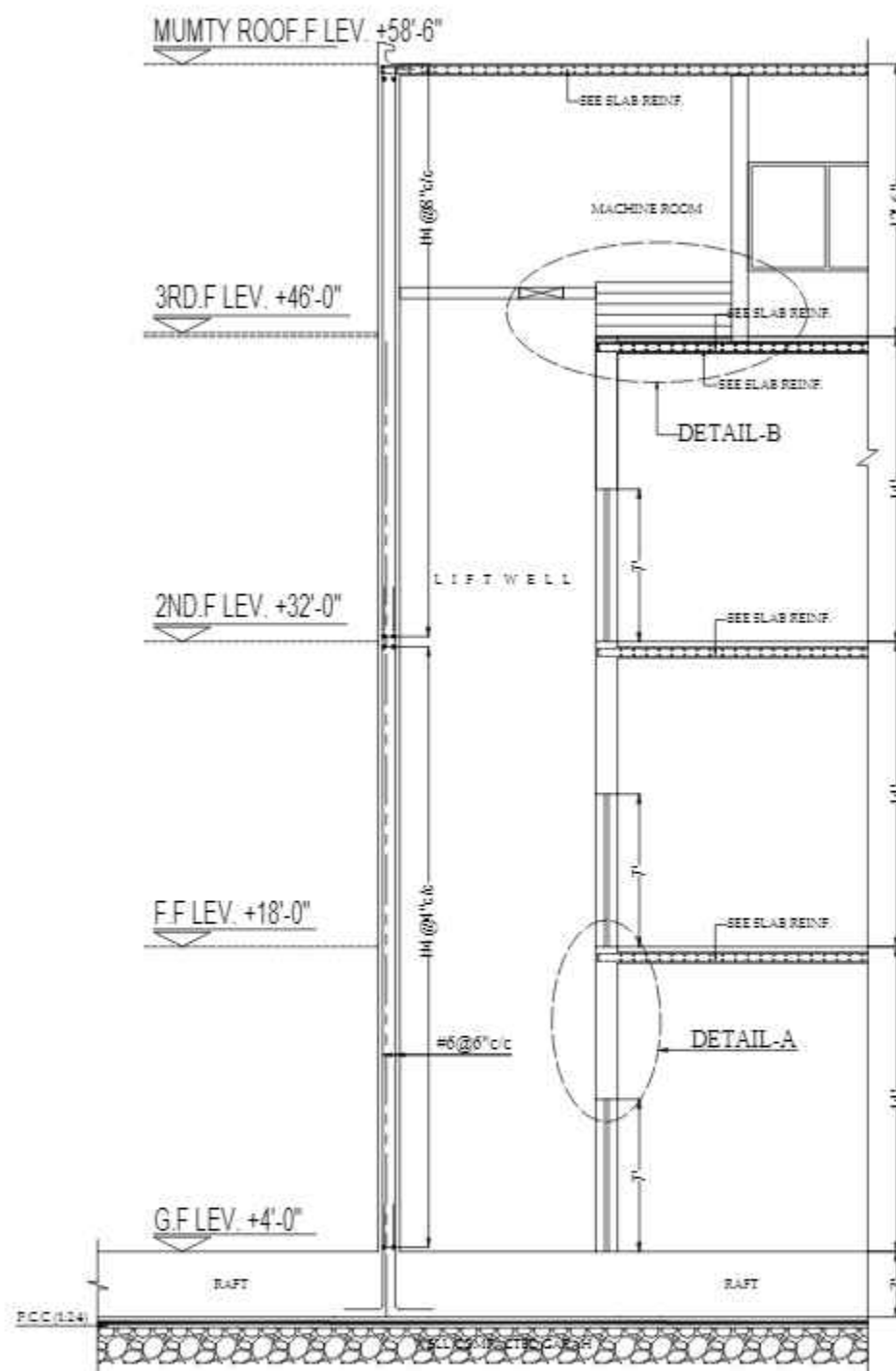
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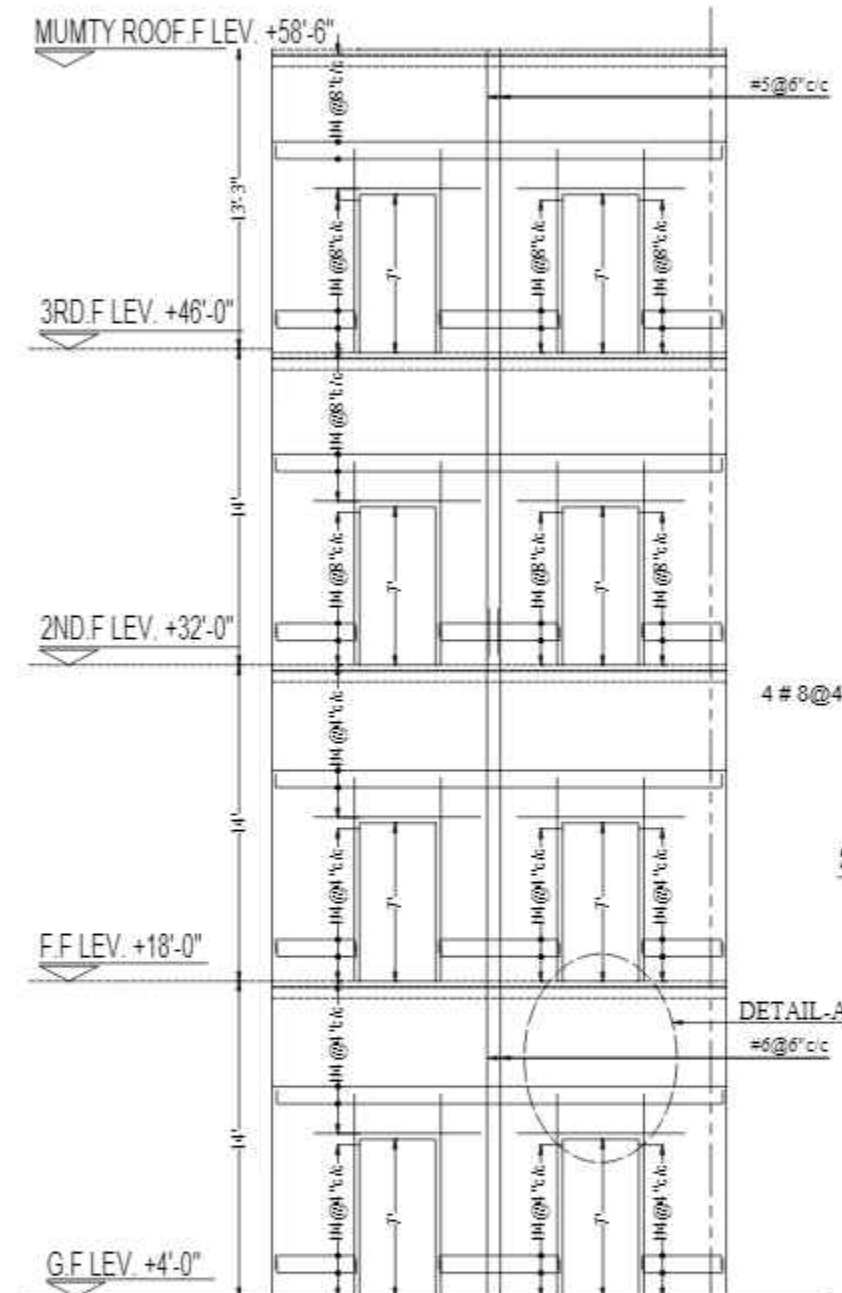


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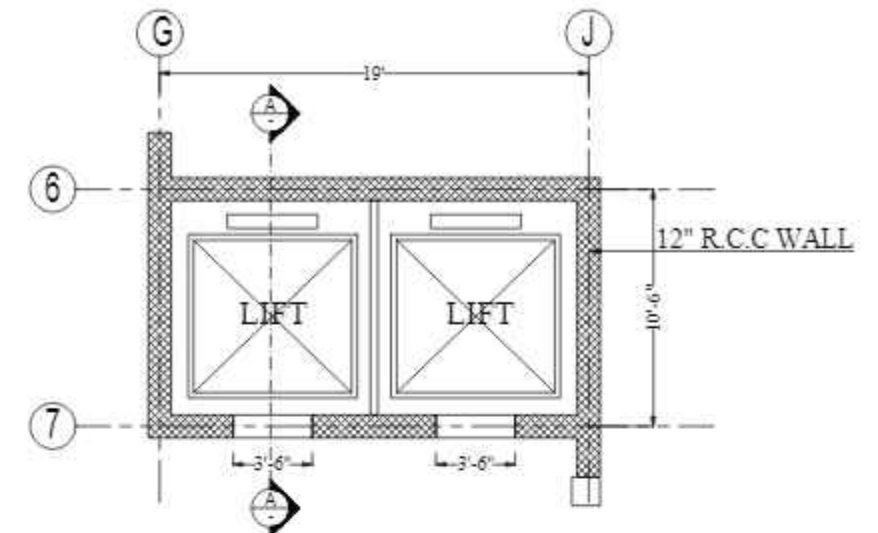
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			THE OWNER WILL APPOINT SUPERVISOR FOR			DESIGNED BY:	ZULFQAR		LIFT WALL REINFORCEMENT DETAIL		
			CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND			STR. HEAD:	NAJIB AHMAD		TYPE OF DRAWING:-	ISSUED FOR:-	
			THE SUPERVISOR ARE RESPONSIBLE FOR QUALITY AND			CAD CHECK:	ASIF IQBAL		STRUCTURE	TENDER	
			STABILITY OF BUILT STRUCTURE. THE STRUCTURE			QAG CHECK:	MANSAB DAR				
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			STRUCTURAL/ARCHITECTURAL DESIGN OF THE BUILDING, RESPECTIVELY.					PROJECT:-		PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR	
								SCALE:-	DATE:-	DWG NO:-	REVISIONS:-
									MARCH-2015	S-33-2022-S- 09	00



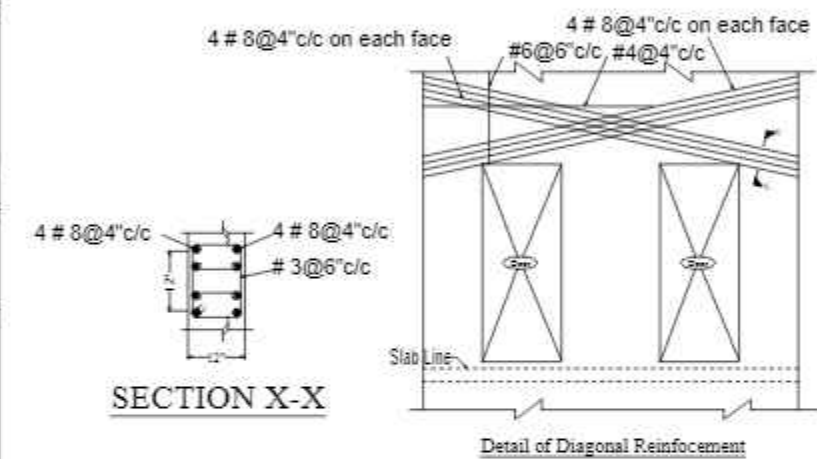
SECTION - A-A



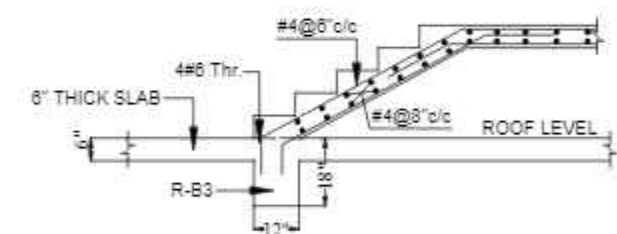
LIFT ELEVATION



DETAIL OF LIFT  
GROUND FLOOR PLAN



SECTION X-X



DETAIL - B  
MACHINE ROOM STEPS

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Ph: 92-51-2828577, 2829002  
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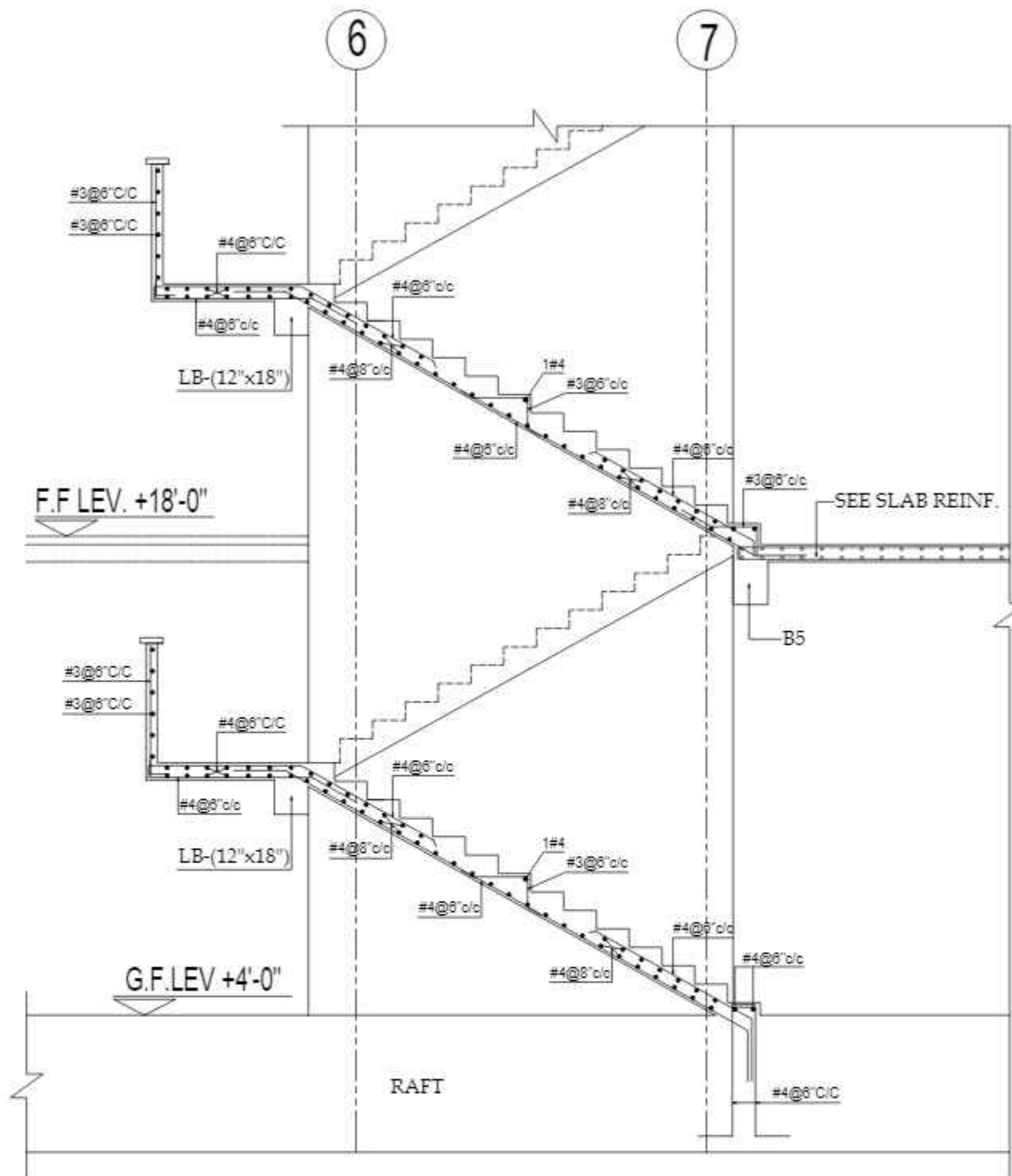
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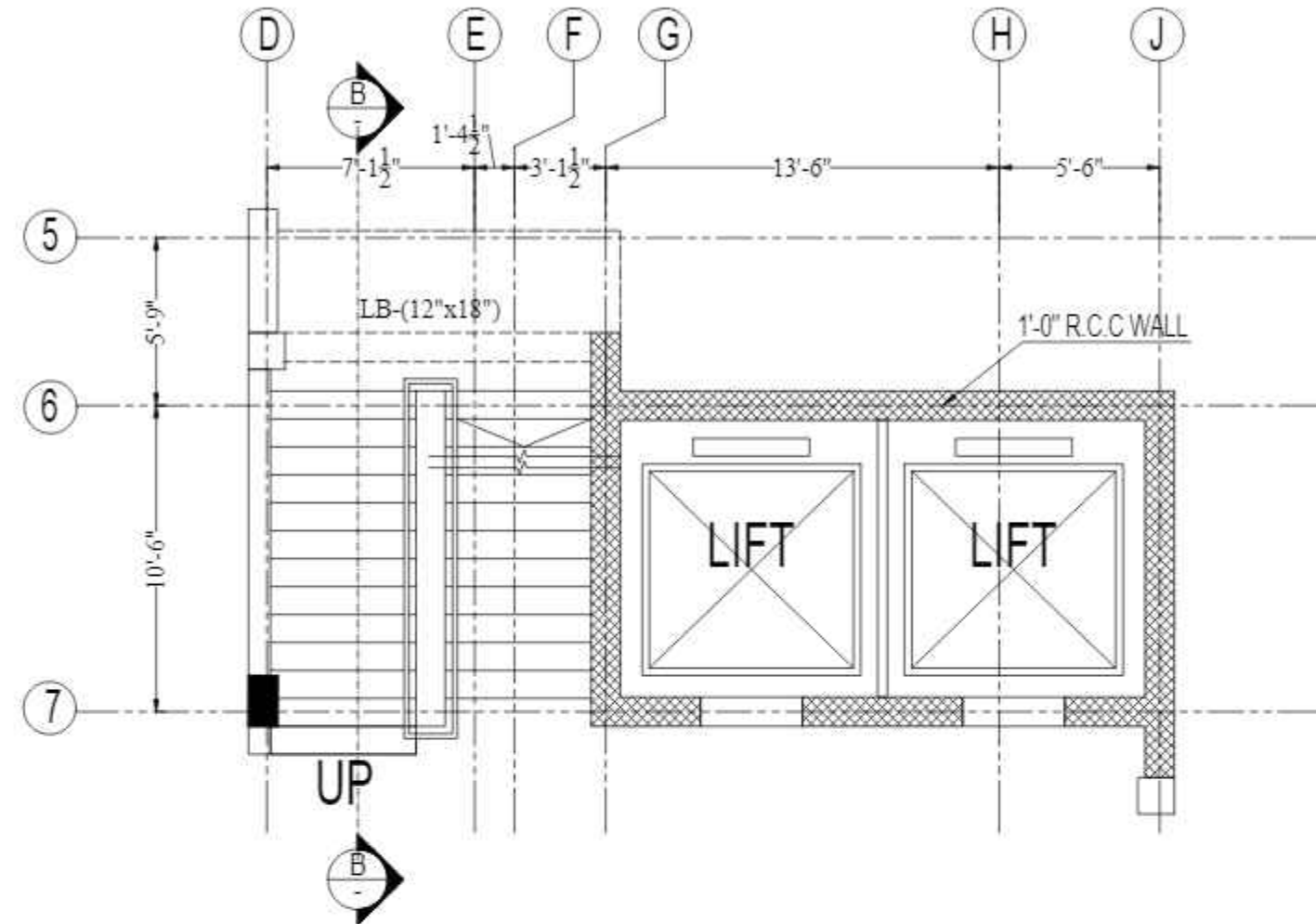
PROJECT - PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR

SCALE - DATE - MARCH-2015 DWE NO - S-33-2022-S-10 REVISION - 00

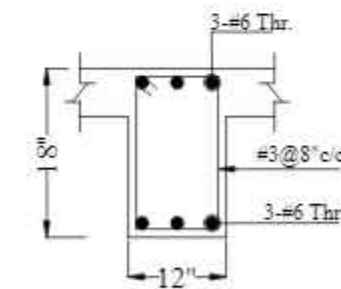
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						STR. HEAD:	NAJIB AHMAD				
						CAD CHECK:	ASIF IQBAL				
						QAG CHECK:	MANSAB DAR				
						APPROVED BY:	NAJIB AHMAD				



SECTION -B-B



DETAIL OF STAIR-01  
GROUND FLOOR PLAN



LB (12"x18")

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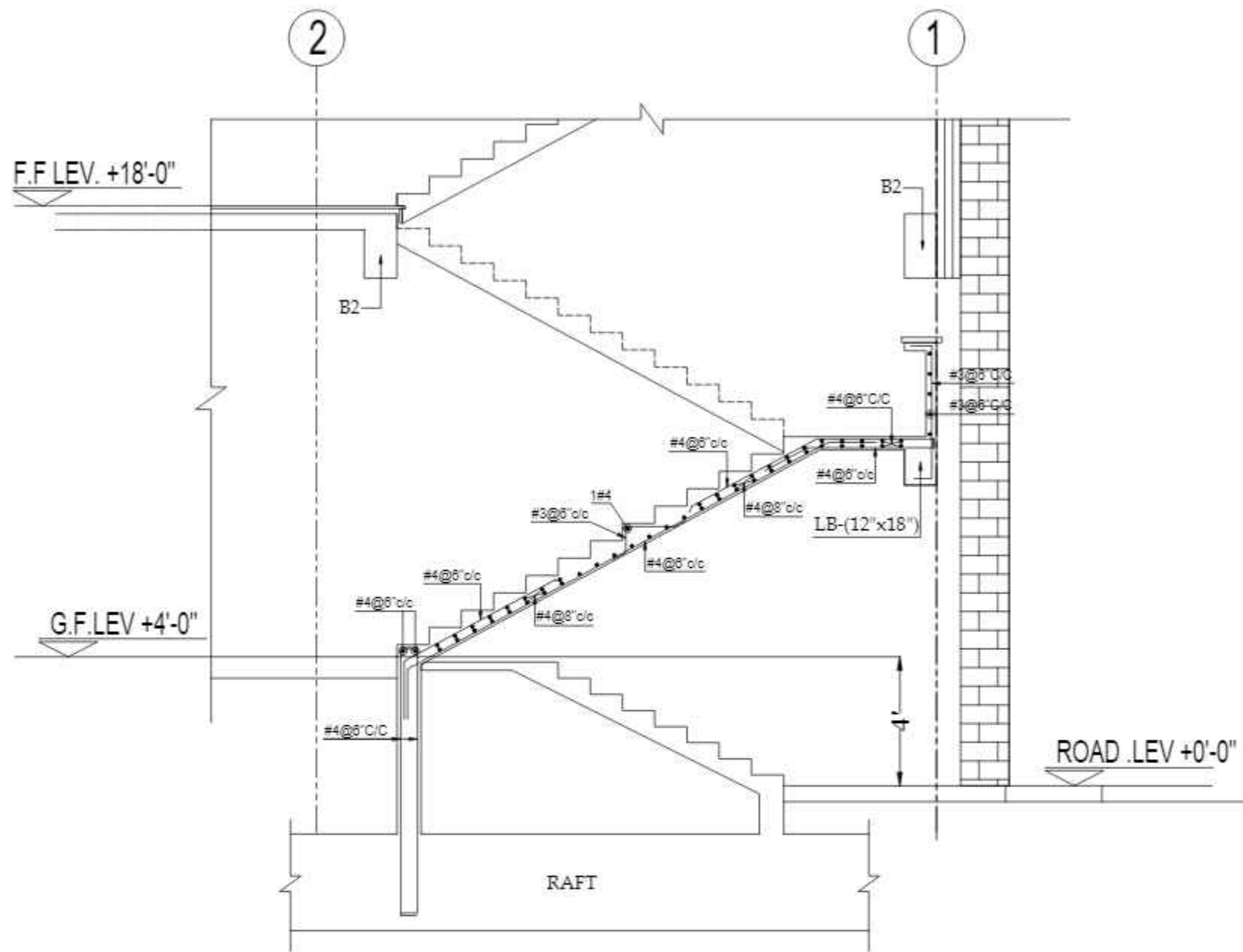
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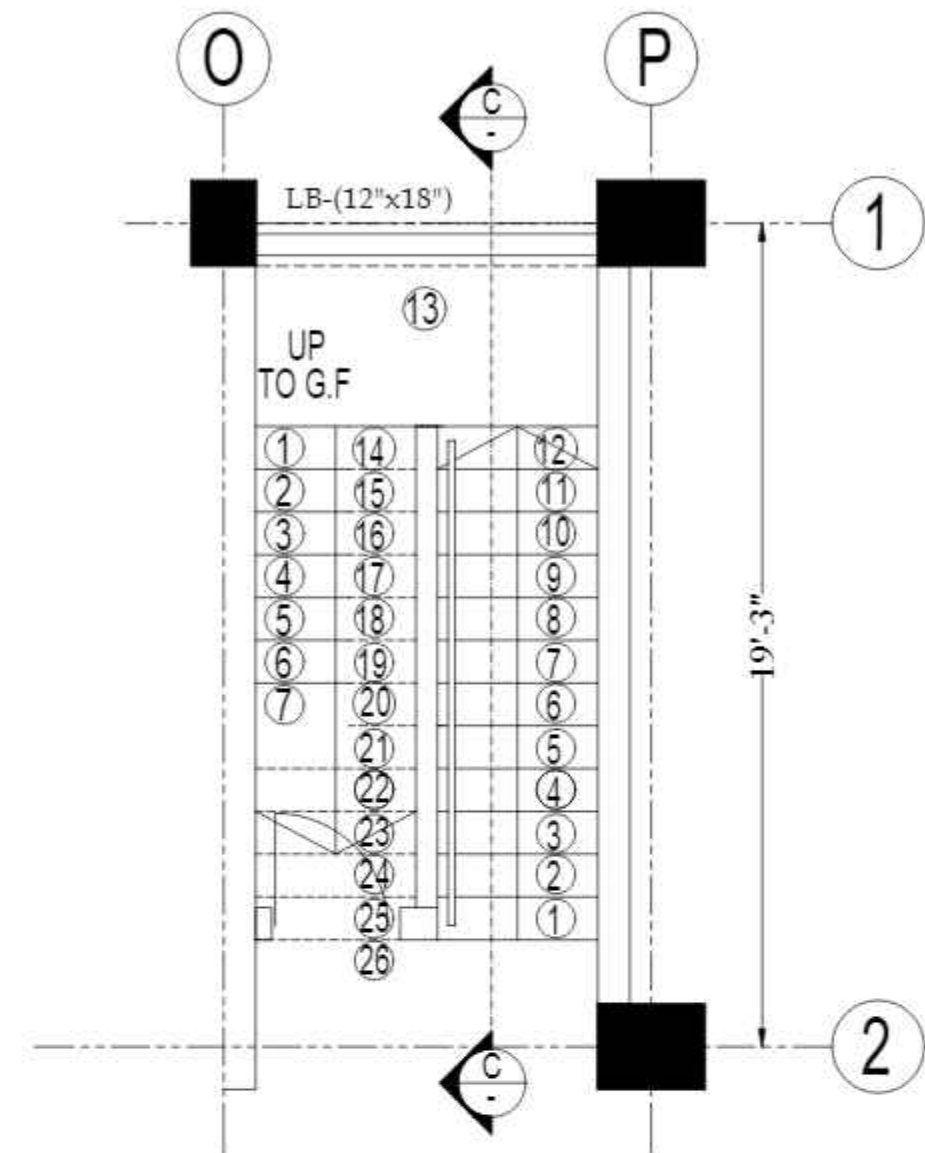
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						QAG CHECK:	MANSAB DAR				
						APPROVED BY:	NAJIB AHMAD				



SECTION -C-C



DETAIL OF STAIR-02  
GROUND FLOOR PLAN

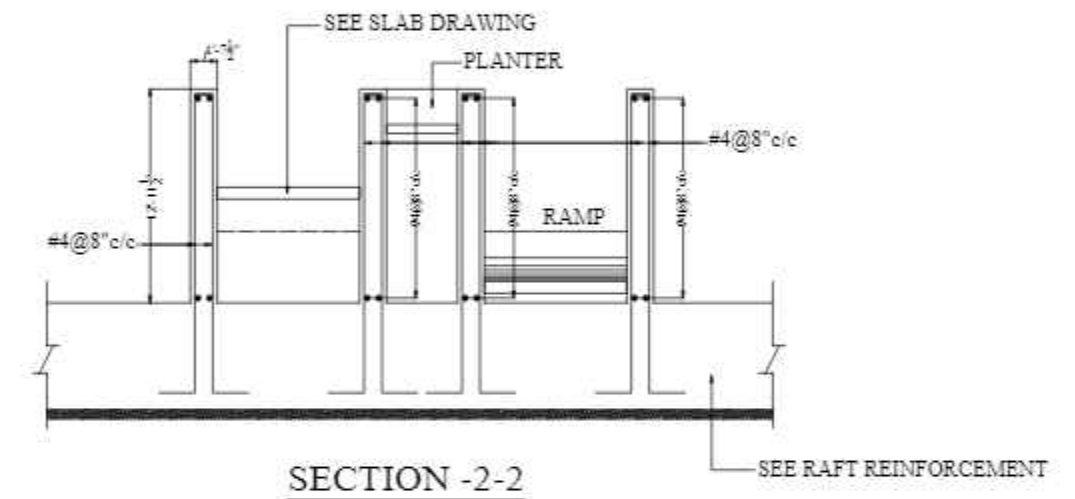
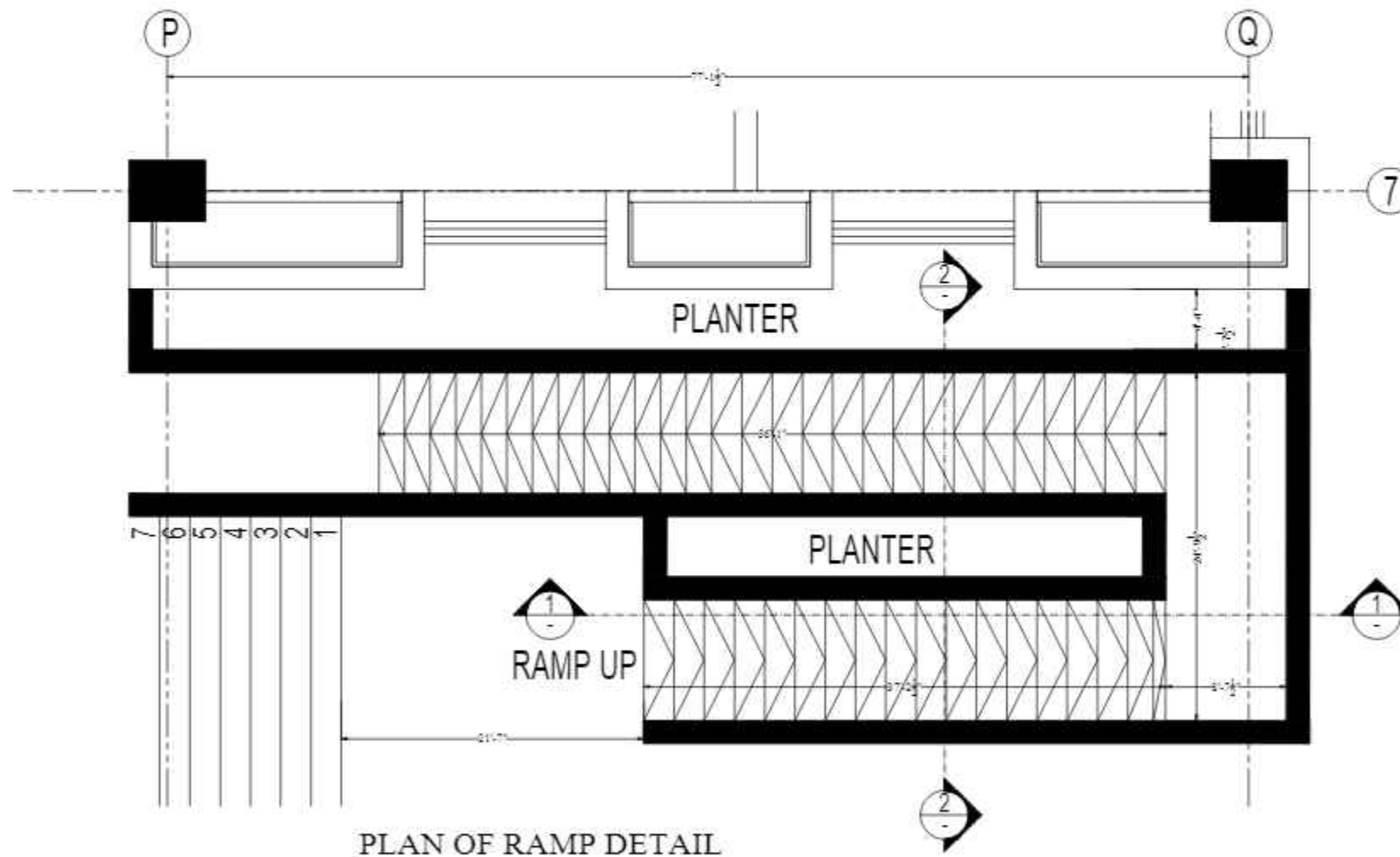
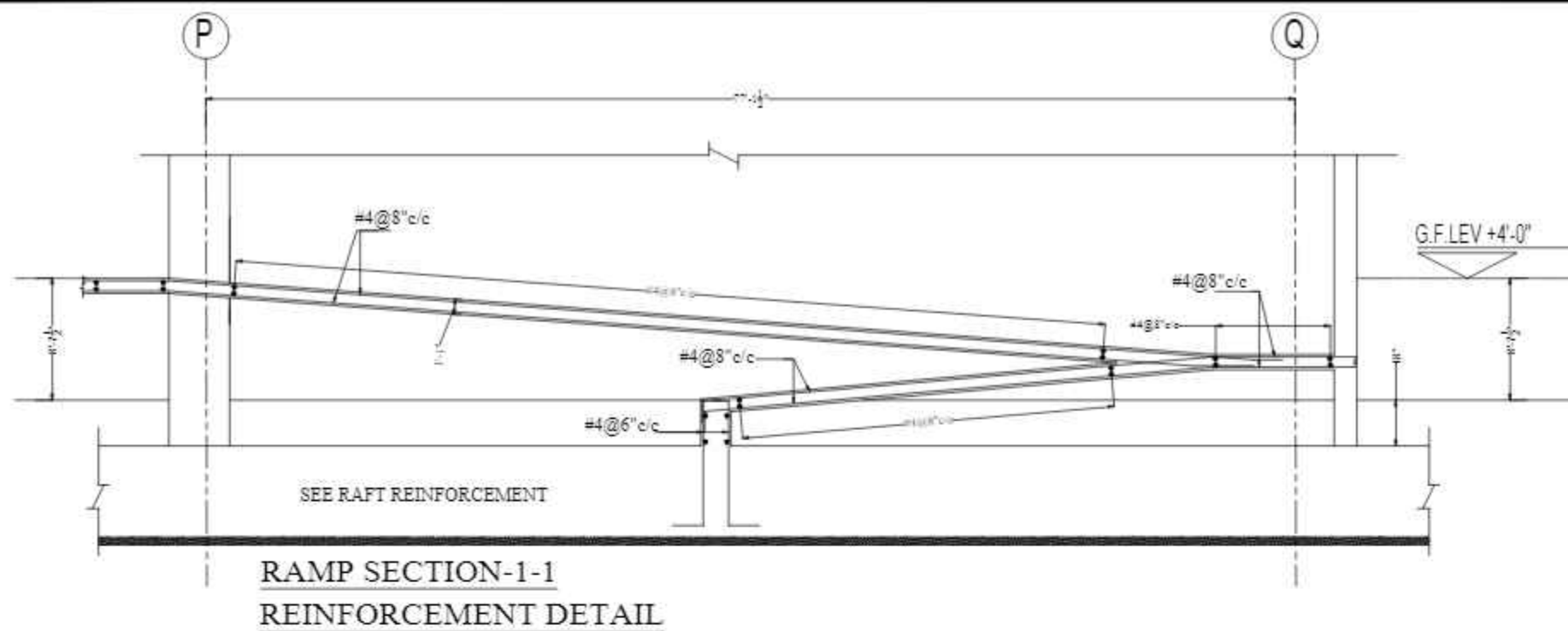
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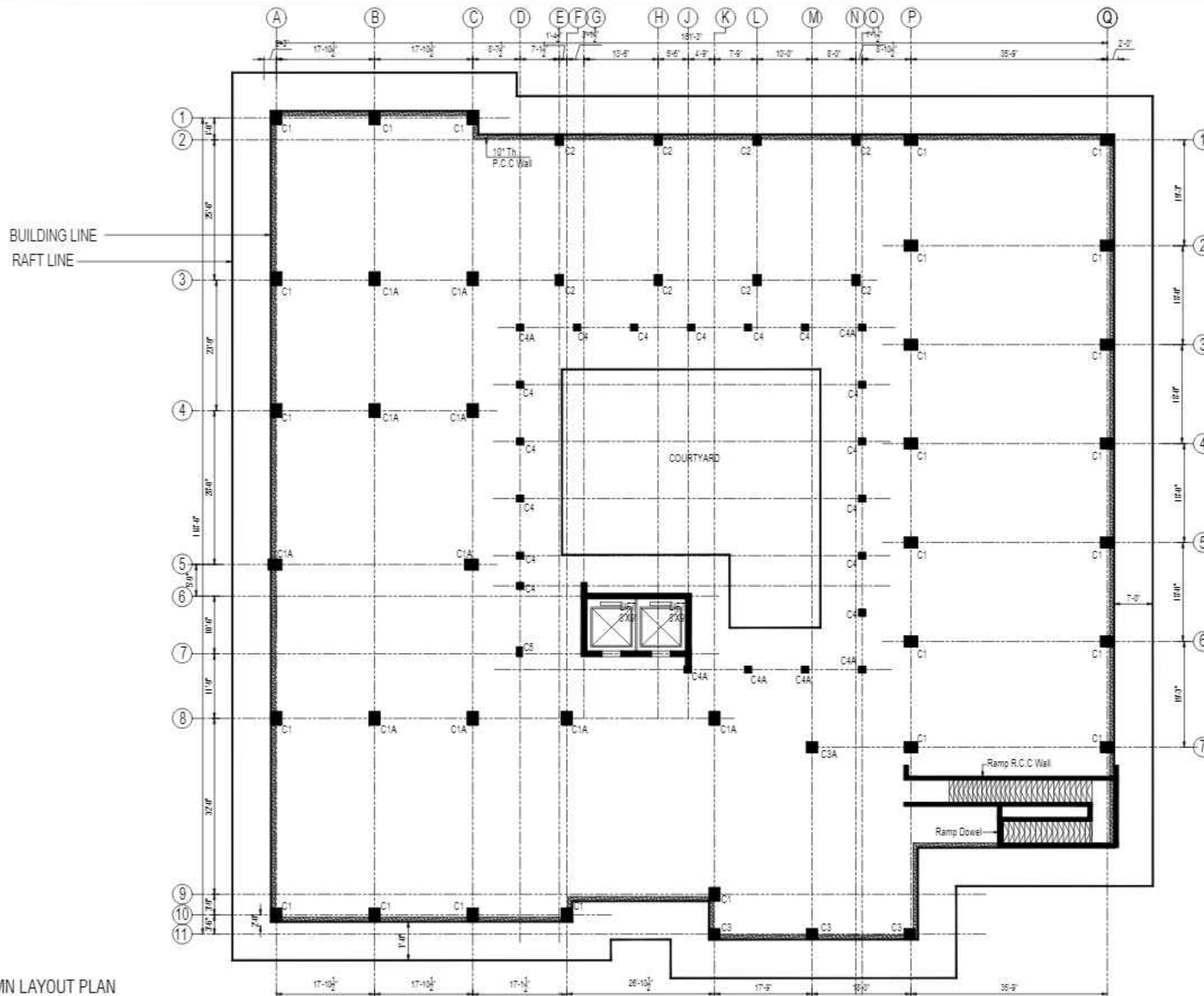
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PROJECT - **PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR**

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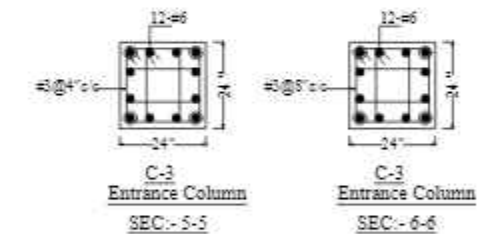
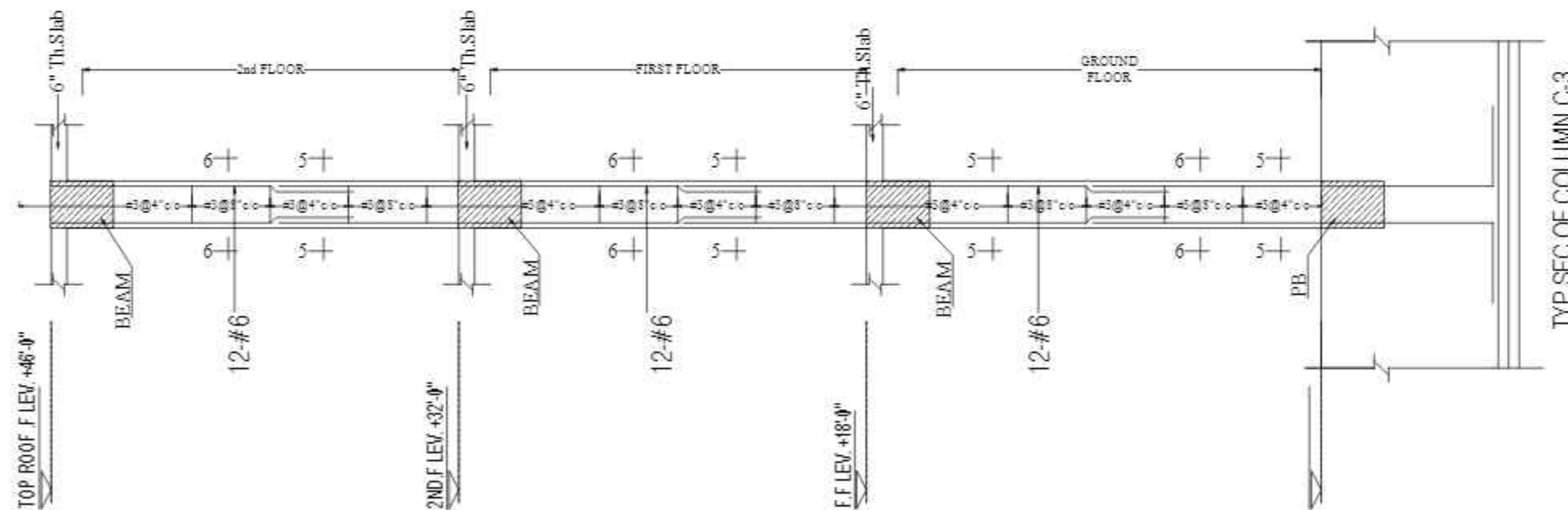
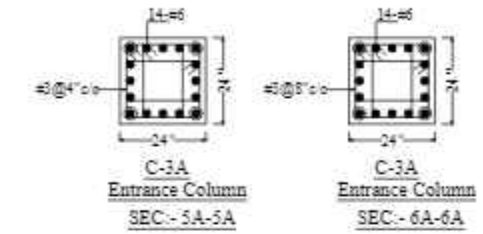
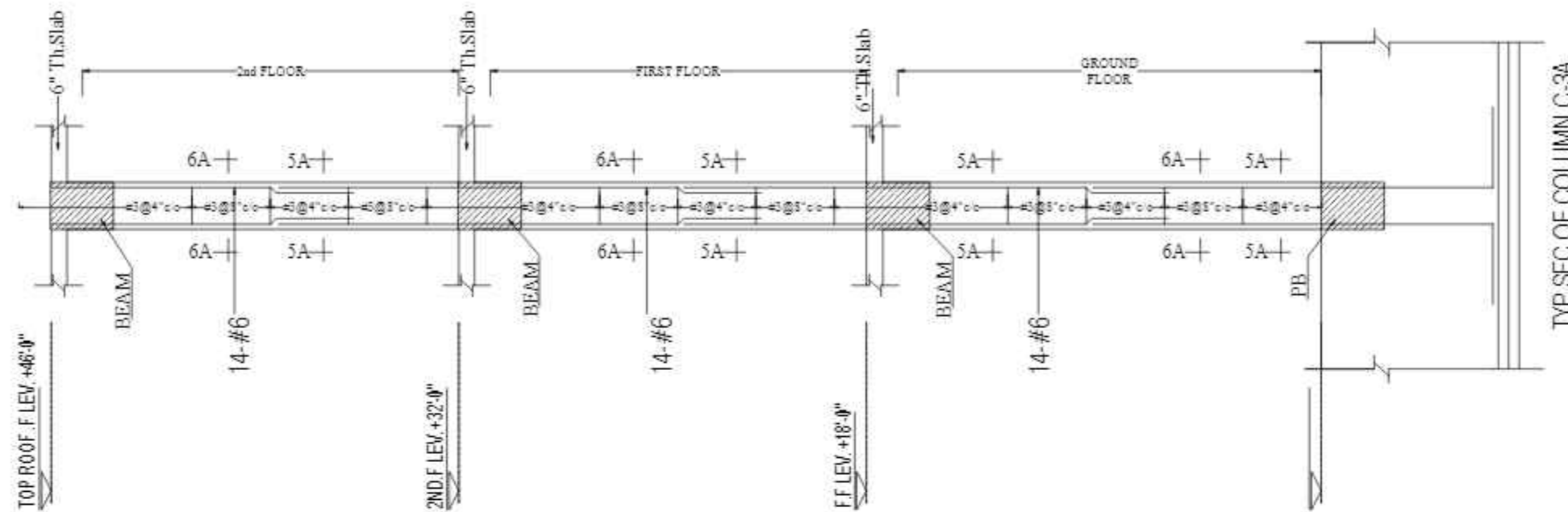
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DESIGNED BY:	ZULFQAR
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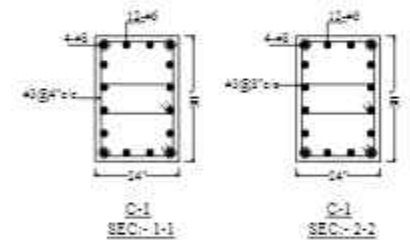
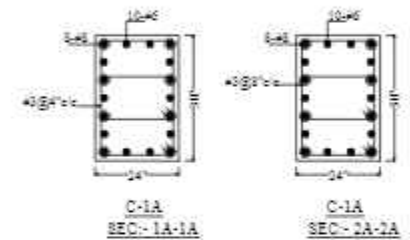
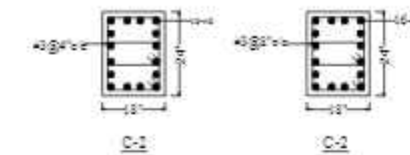
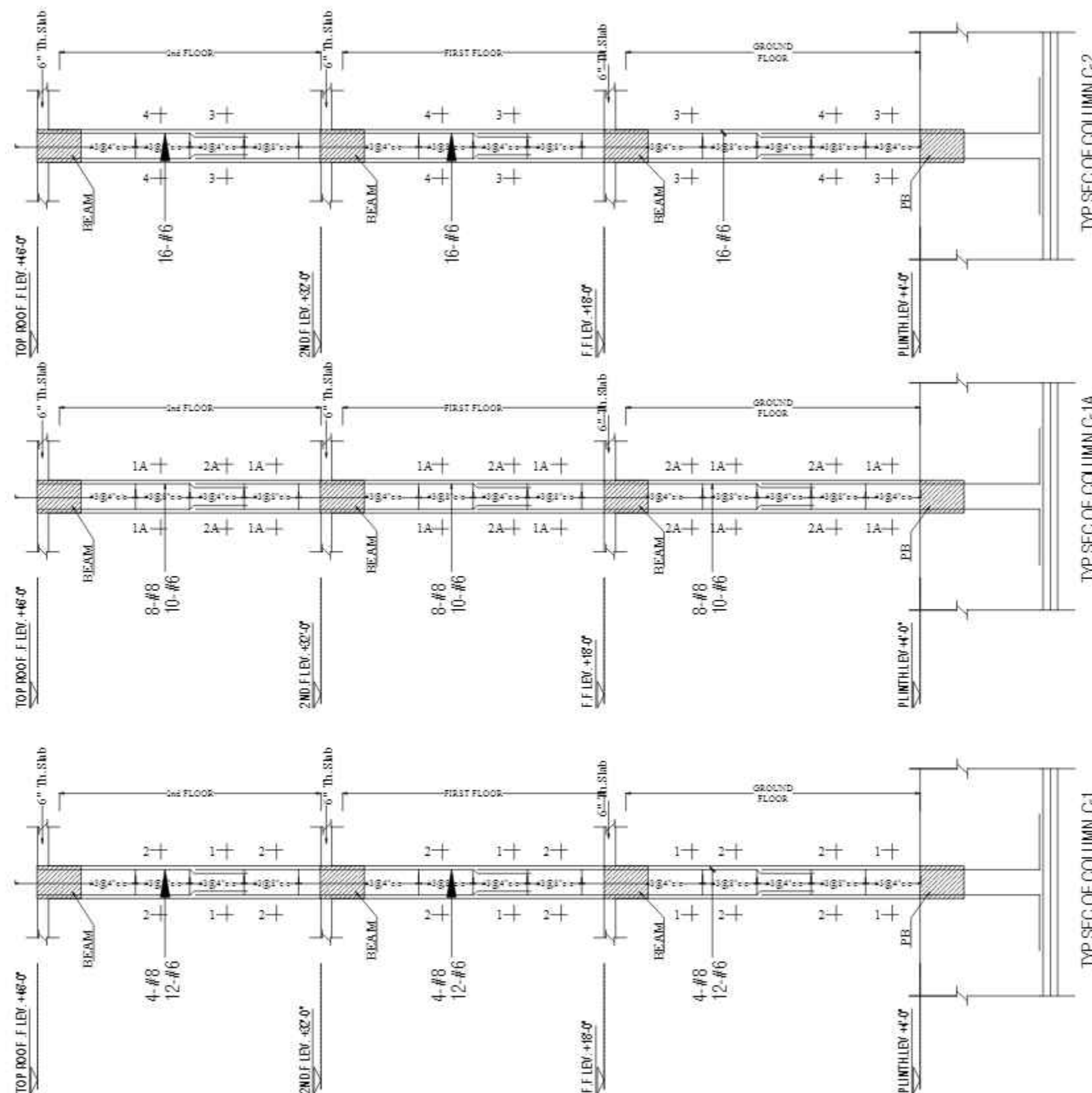
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COLUMN LAYOUT PLAN	
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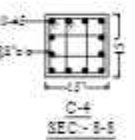
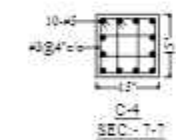
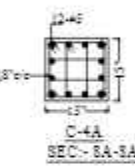
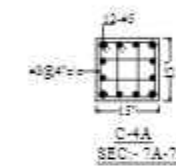
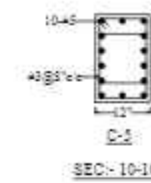
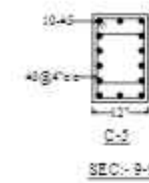
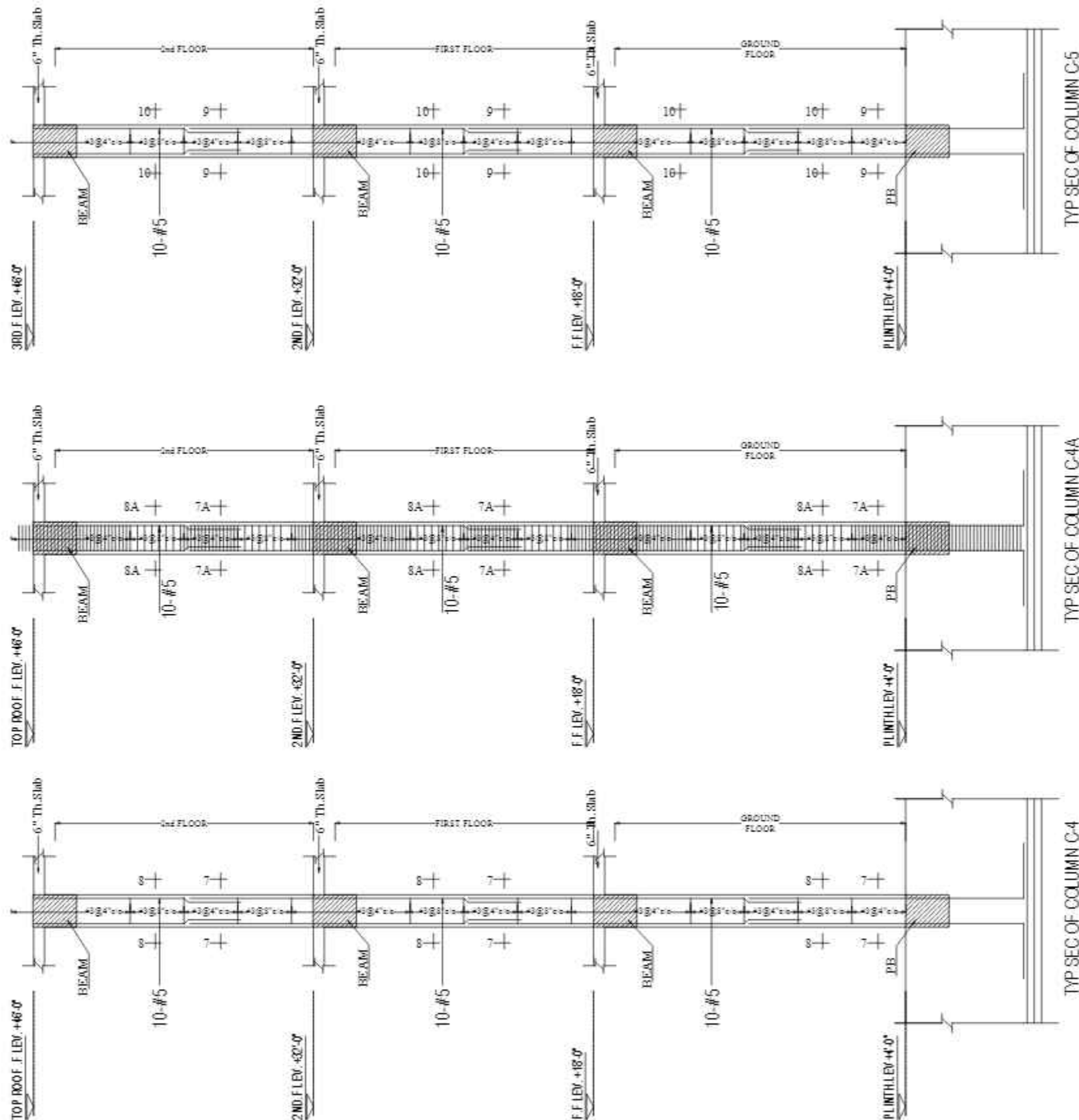
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MARCH-2015

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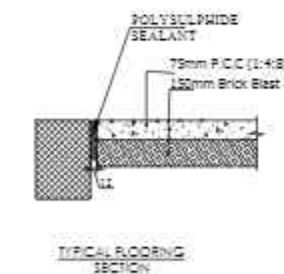
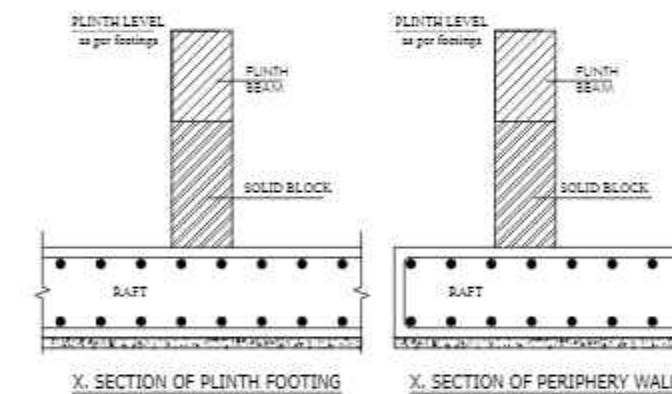
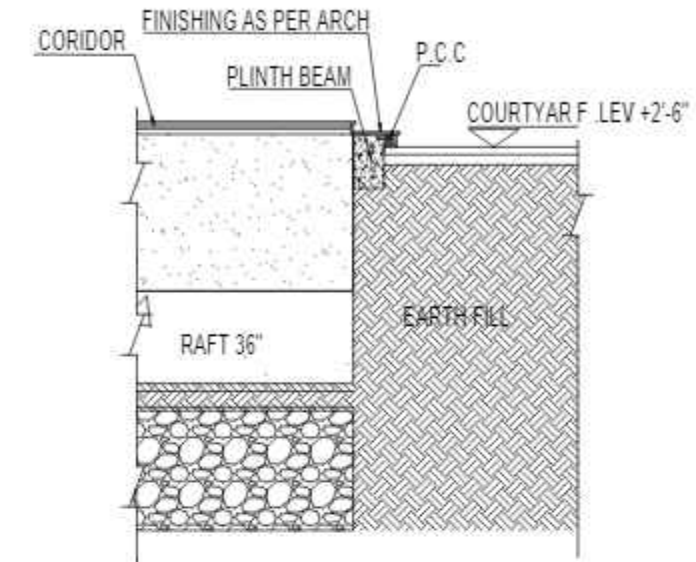
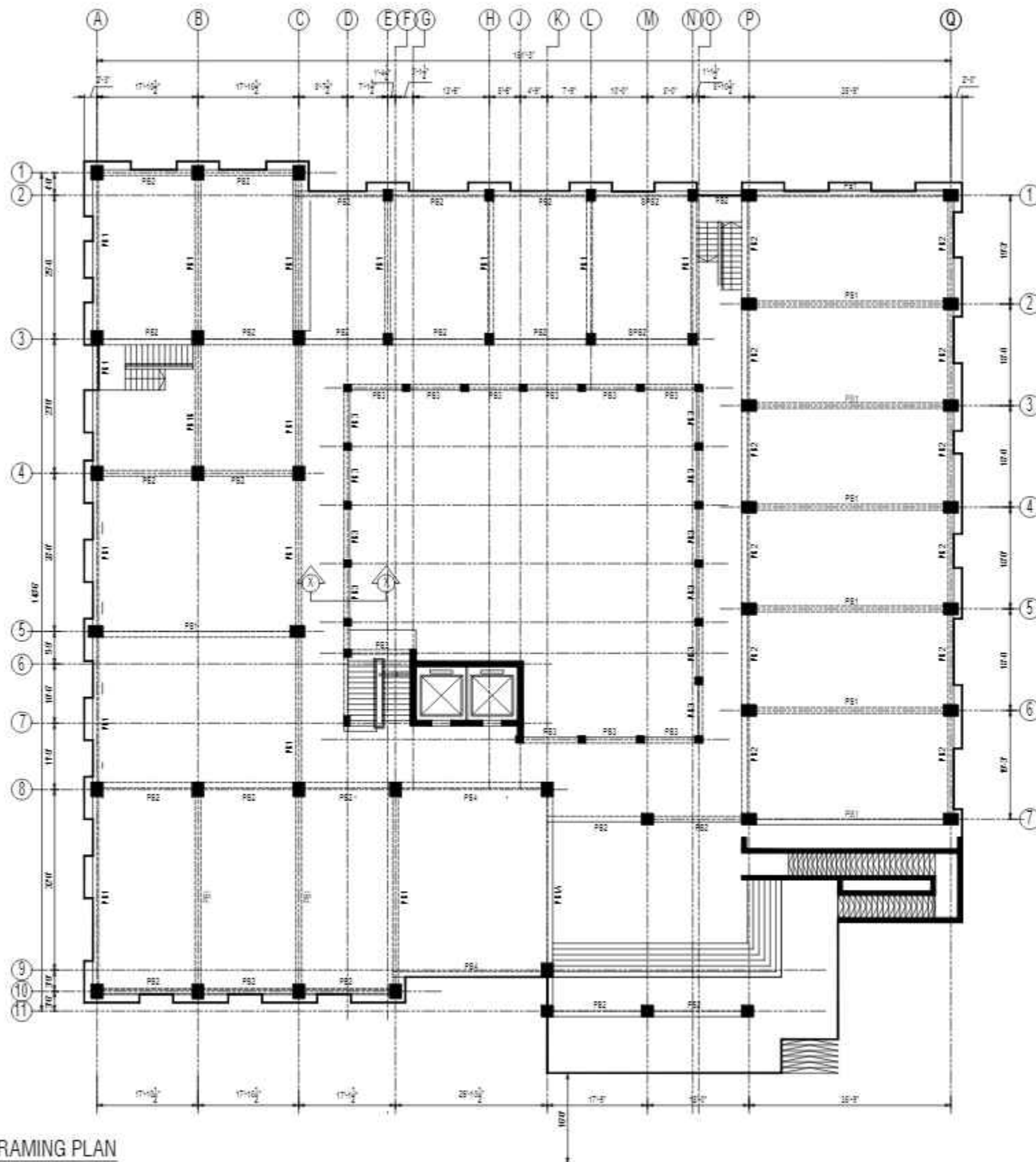
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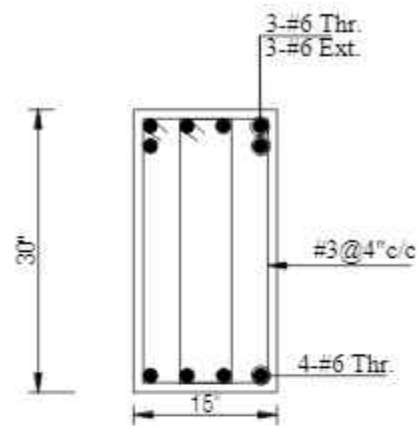


PLINTH BEAM FRAMING PLAN

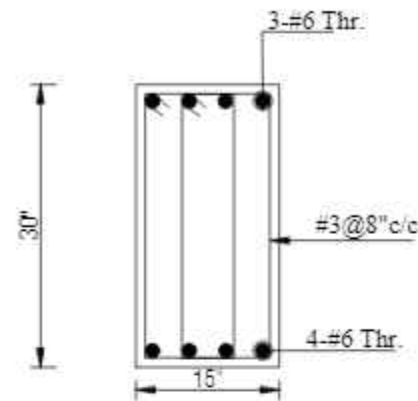
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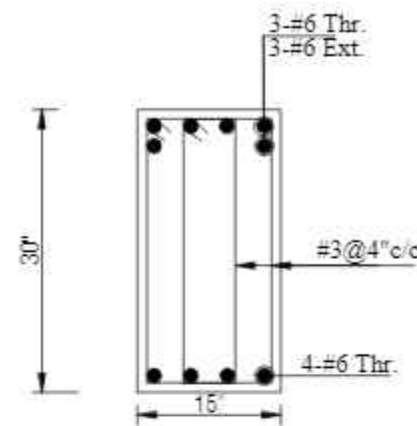
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						STR. HEAD:	NAJIB AHMAD					Ph: 92-51-2828577, 2829002				
						CAD CHECK:	ASIF IQBAL					Fax: 92-51-2307615				
						QAG CHECK:	MANSAB DAR					E-mail: designmenislambad@gmail.com				
						APPROVED BY:	NAJIB AHMAD									



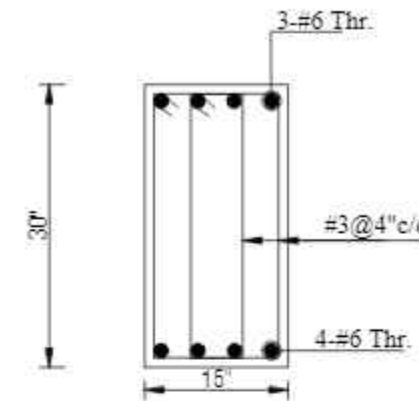
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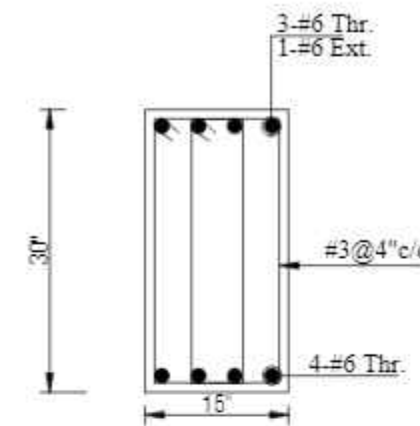
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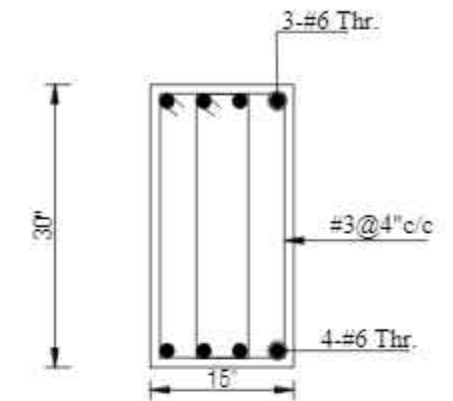
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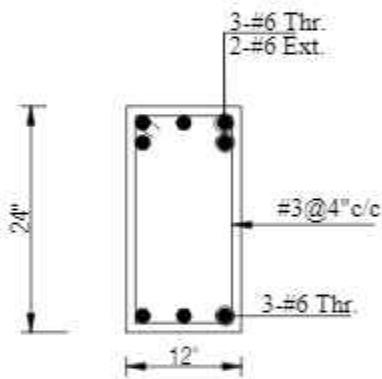
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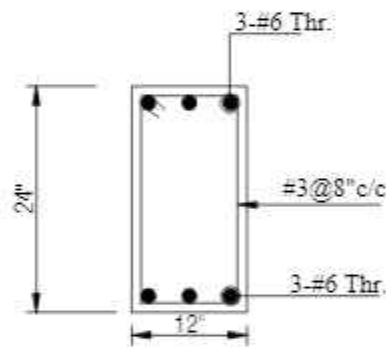
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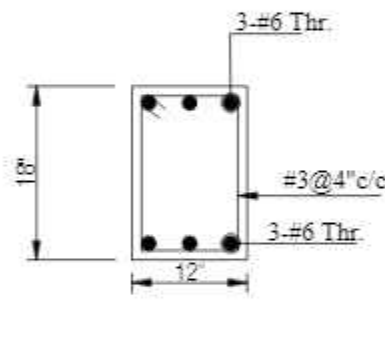
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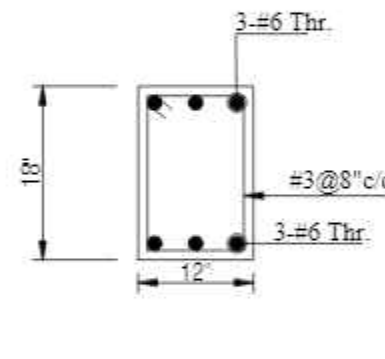
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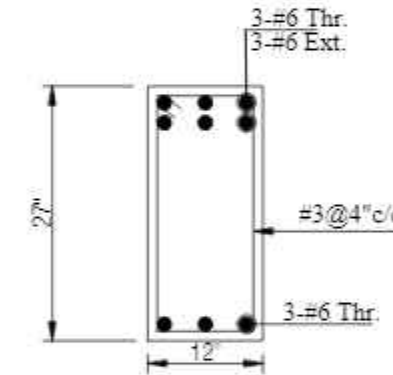
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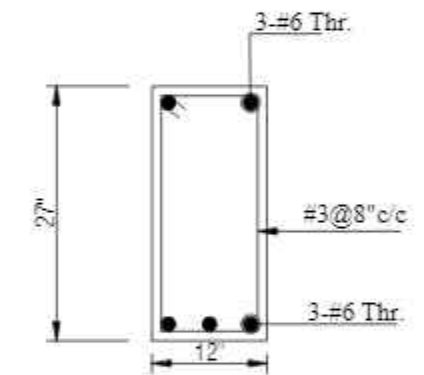
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**PB3**  
**AT MID**



**PB4**  
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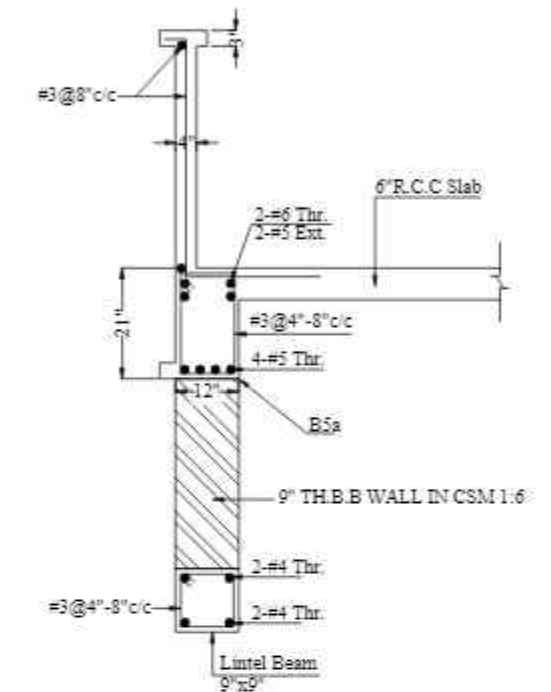
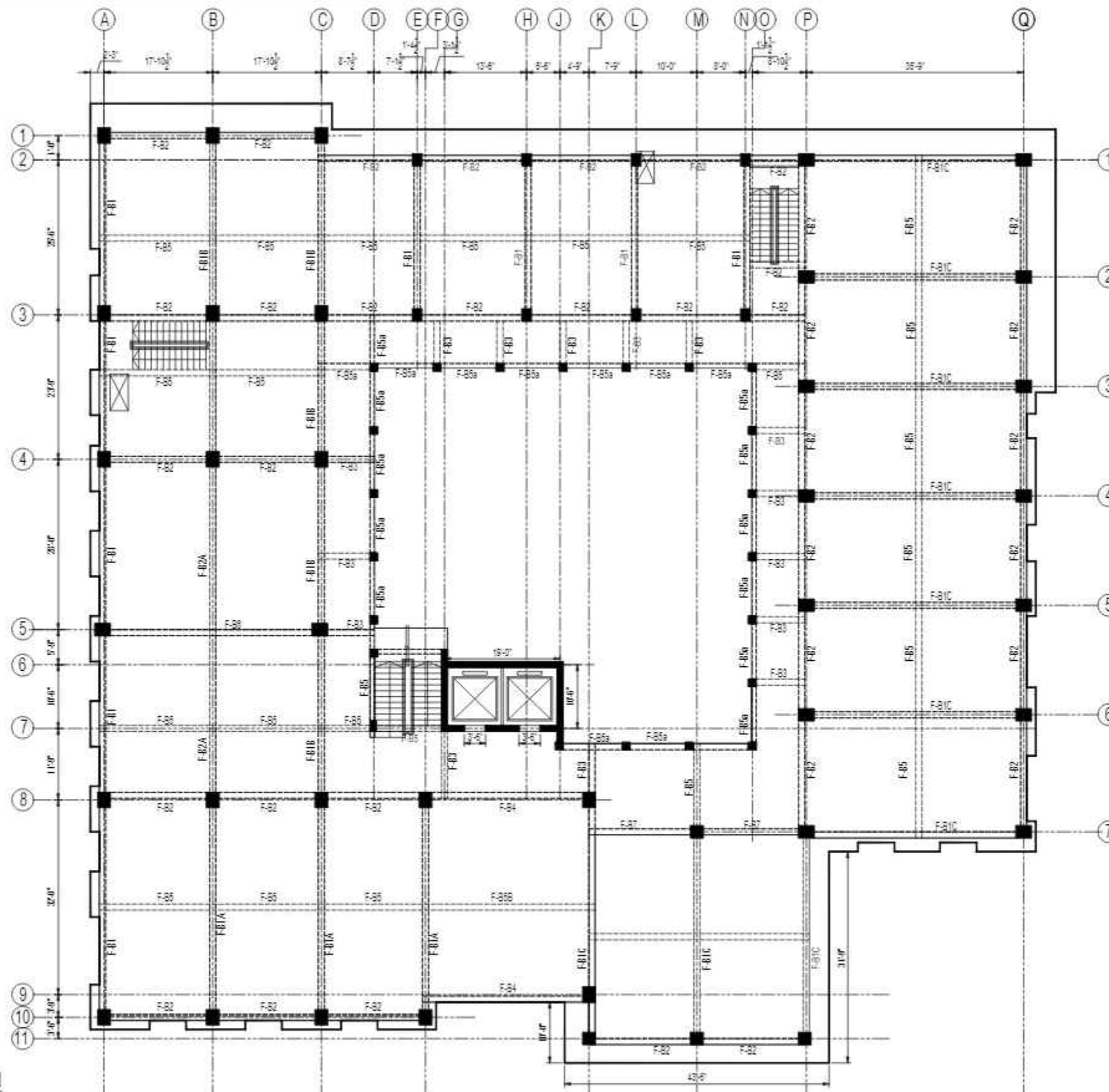
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Fax: 92-51-2307615  
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						STR. HEAD:	NAJIB AHMAD									
						CAD CHECK:	ASIF IQBAL									
						QAG CHECK:	MANSAB DAR									
						APPROVED BY:	NAJIB AHMAD									



TYP. DETAIL OF B5a  
AT CORRIDOR

FIRST FLOOR BEAM FRAMING PLAN

REV No.	DATE	REVISIONS	IMPORTANT NOTE:-	DRAWN CHECK	APPR.	DRAWN BY:	ASIF IQBAL	COPYRIGHT	TITLE -	TYPE OF DRAWING -	ISSUED FOR -	PROJECT -	SCALE -	DATE -	DWG NO -	REVISION -
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						STR. HEAD:	NAJIB AHMAD					Ph: 92-51-2828577, 2829002				
						CAD CHECK:	ASIF IQBAL					Fax: 92-51-2307615				
						QAG CHECK:	MANSAB DAR					E-mail: designmenislambad@gmail.com				
						APPROVED BY:	NAJIB AHMAD									

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TEL: 357-028407-11

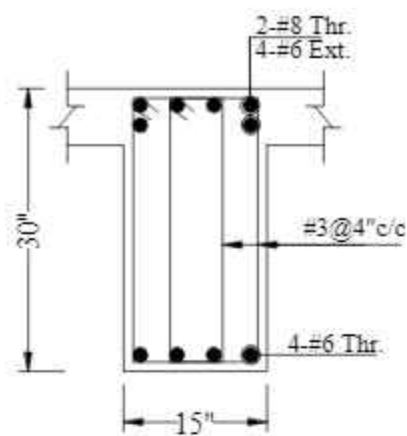


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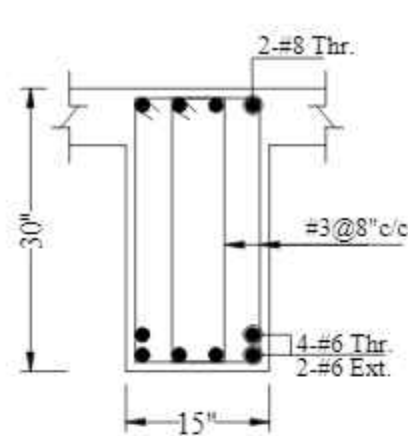
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PROJECT -	PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR.
SCALE -	DATE - MARCH-2015
DWG NO -	S-33-2012-S- 19
REVISION -	00

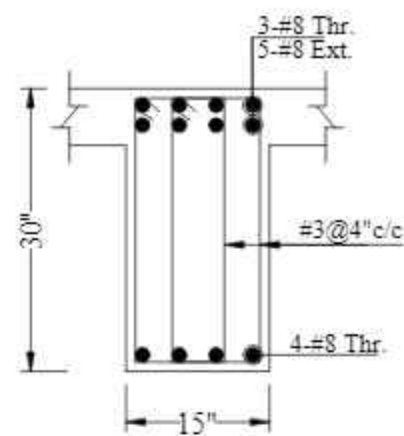




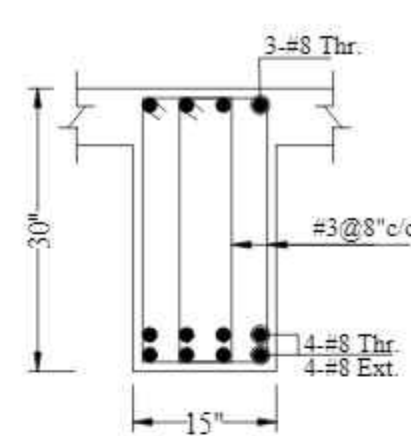
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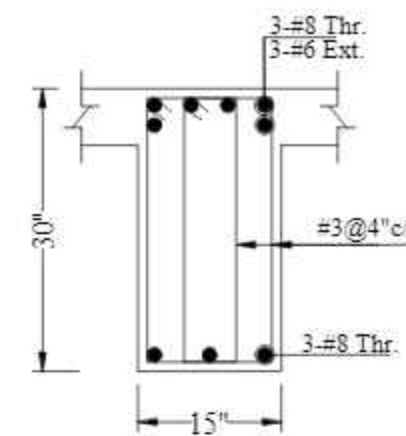
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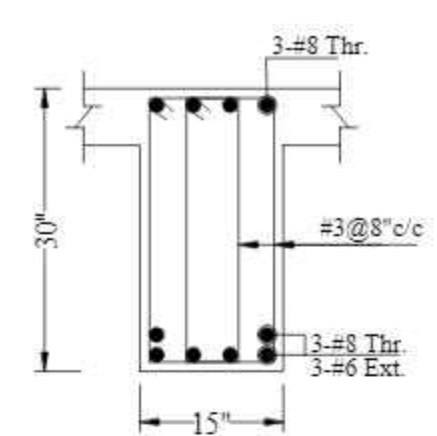
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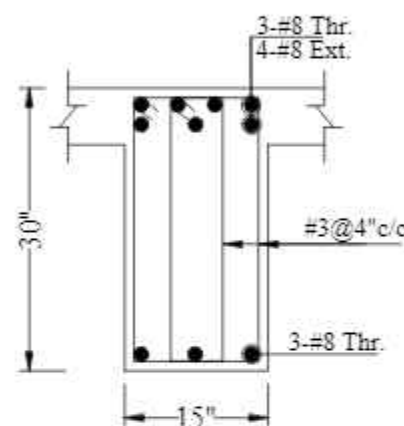
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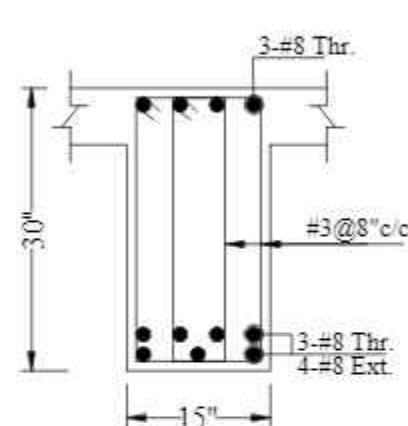
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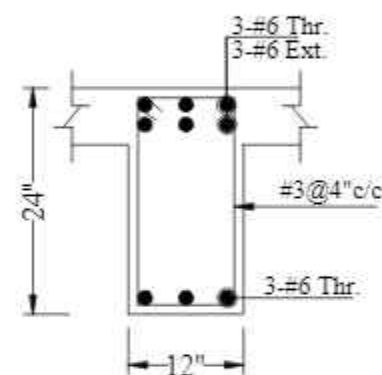
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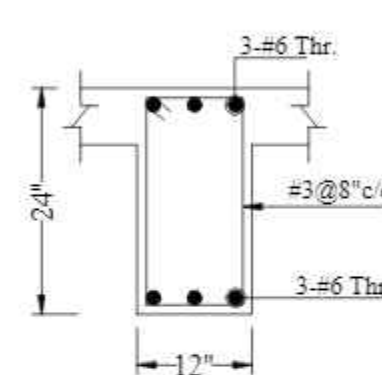
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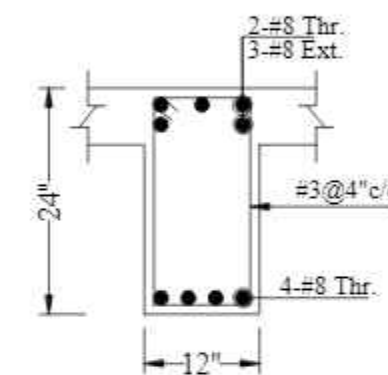
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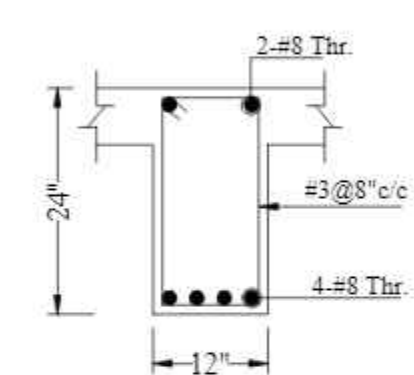
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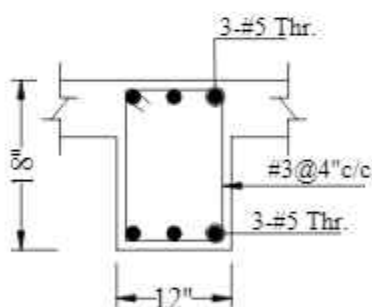
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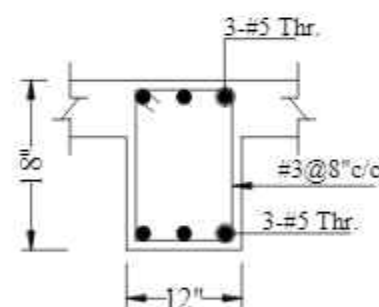
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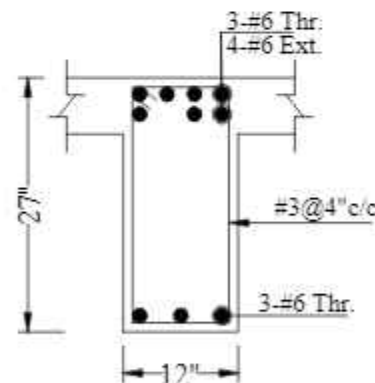
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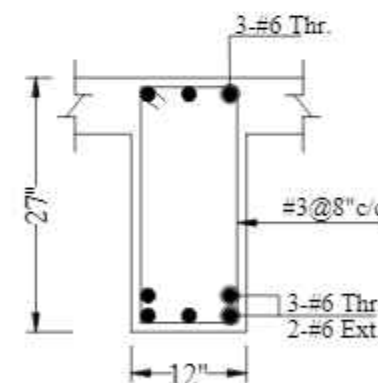
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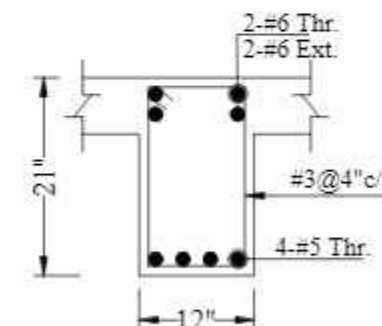
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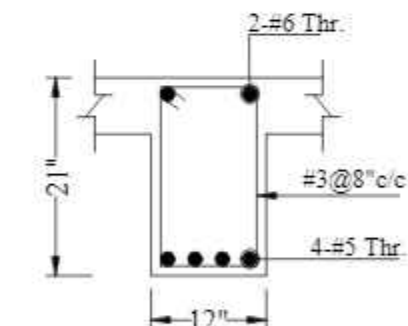
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F-B4  
AT MID




F-B5  
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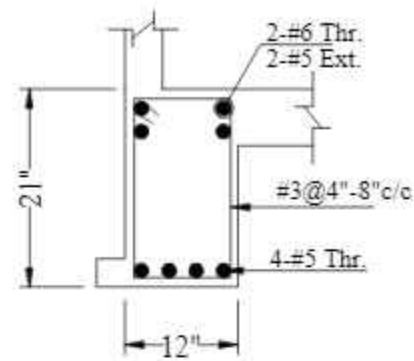


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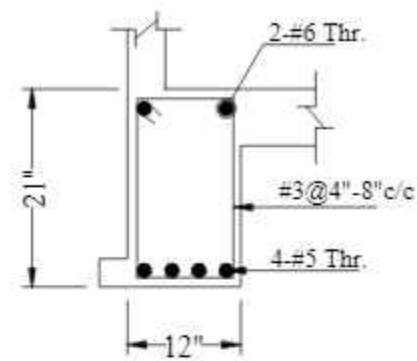
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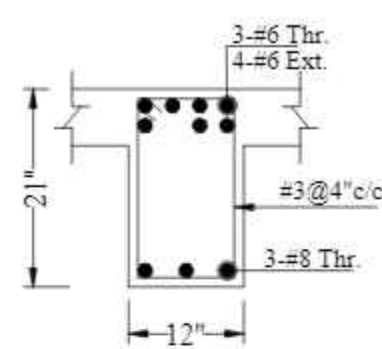
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						STR. HEAD:	NAJIB AHMAD		TYPE OF DRAWING:-	ISSUED FOR:-			
						CAD CHECK:	ASIF IQBAL		STRUCTURE	TENDER	PROJECT:-		
						QAG CHECK:	MANSAB DAR				PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR		
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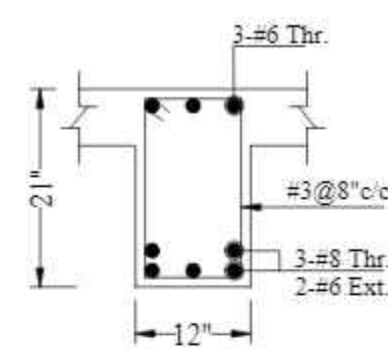
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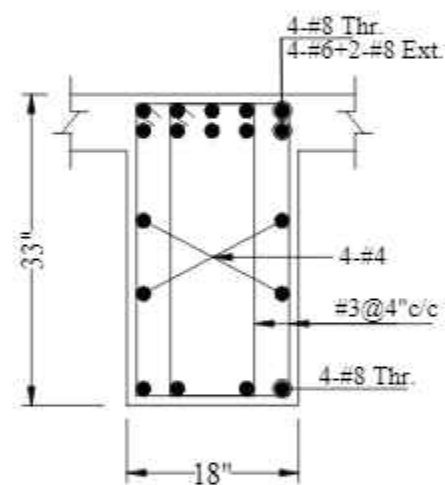
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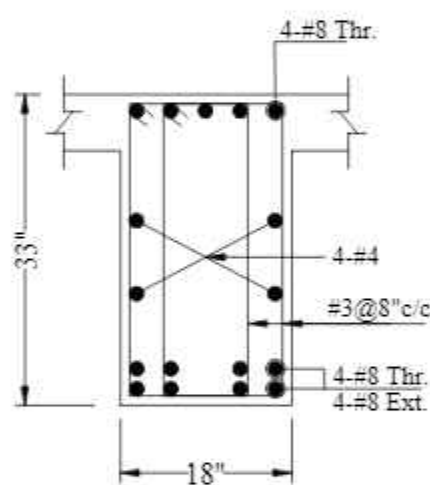
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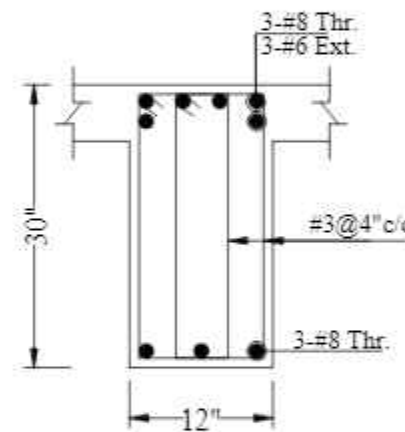
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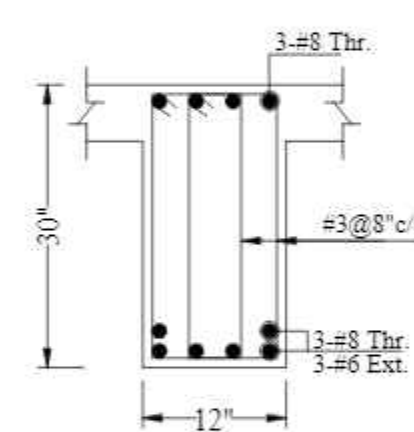
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F-B6  
AT MID



F-B1D  
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F-B1D  
AT MID

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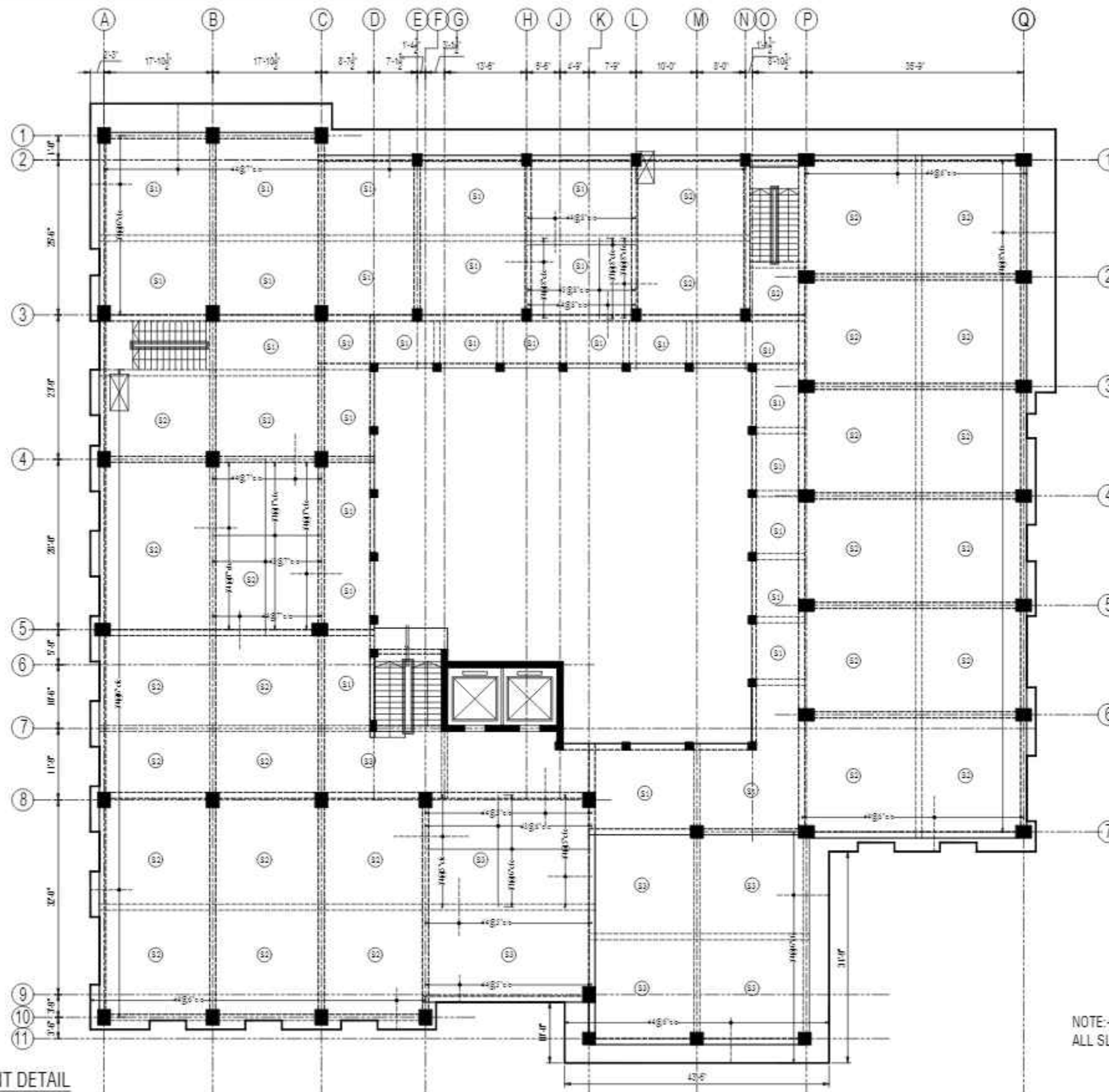
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PROJECT - PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR

SCALE - DATE - MARCH-2015 DWE NO - S-33-2022-S- 21 REVISION - 00

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						STR. HEAD:	NAJIB AHMAD		TYPE OF DRAWING -
						CAD CHECK:	ASIF IQBAL		ISSUED FOR -
						QAG CHECK:	MANSAB DAR		STRUCTURE
						APPROVED BY:	NAJIB AHMAD		TENDER



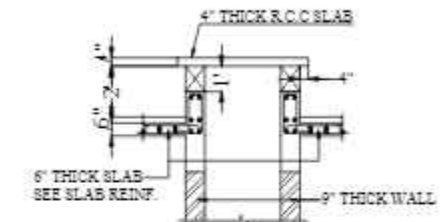
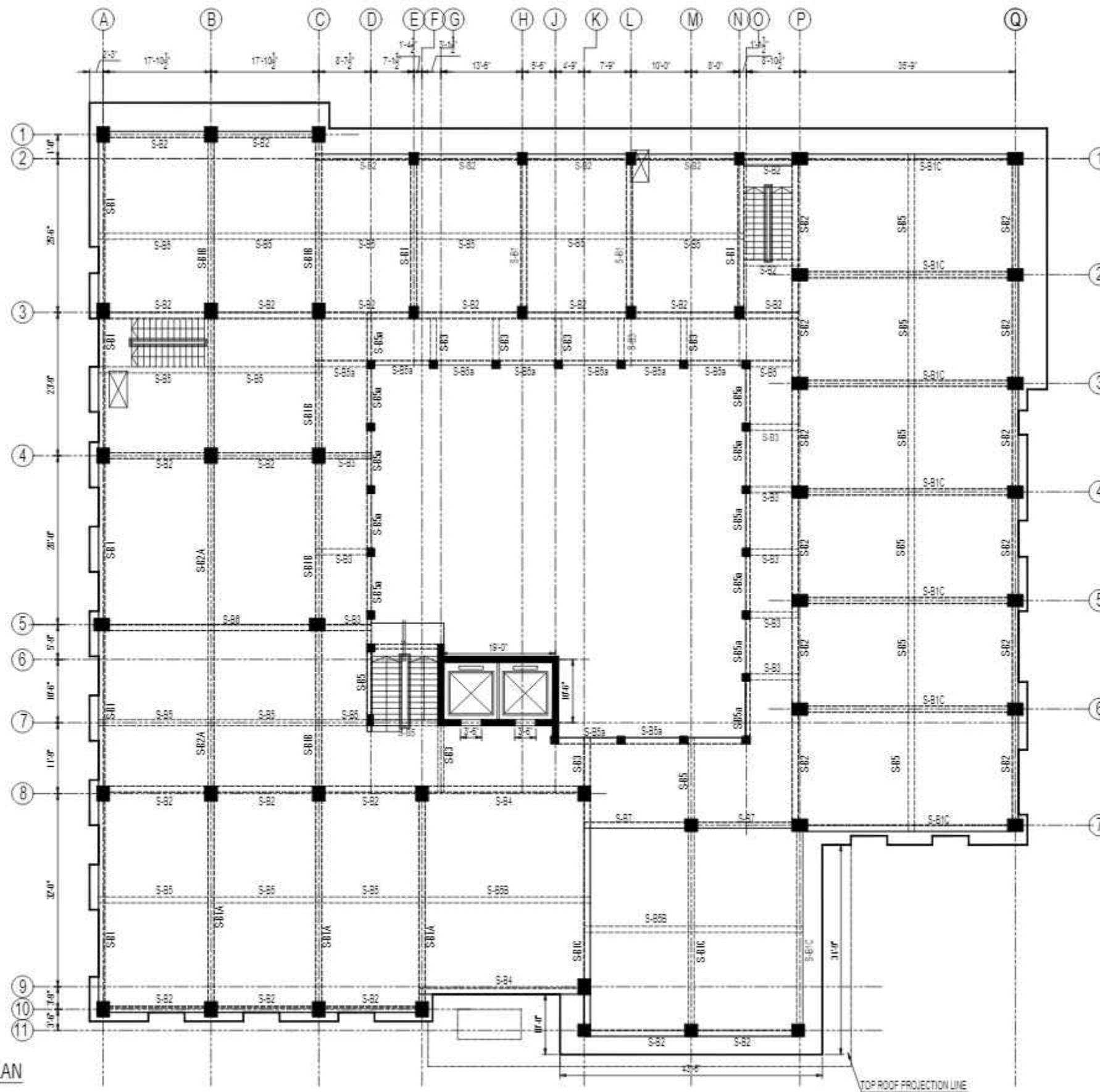
NOTE:-  
ALL SLAB ARE 6" THICK UNLESS OTHERWISE NOTED.

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TEL: 357-028407-11

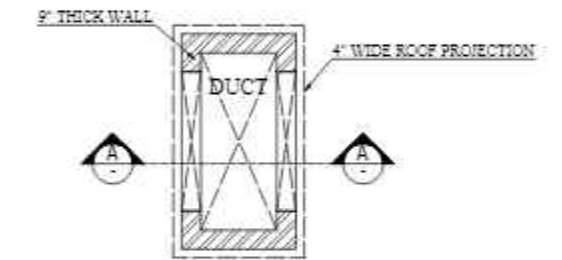


FIRST FLOOR SLAB REINFORCEMENT DETAIL

REV No.	DATE	REVISIONS	IMPORTANT NOTE:-	DRAWN CHECK	APPR.	DRAWN BY:	ASIF IQBAL	COPYRIGHT	TITLE -	TYPE OF DRAWING -	ISSUED FOR -	PROJECT -	SCALE -	DATE -	DWG NO -	REVISION -
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						STR. HEAD:	NAJIB AHMAD									
						CAD CHECK:	ASIF IQBAL									
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						APPROVED BY:	NAJIB AHMAD									



SECTION-A-A



PLAN OF DUCT

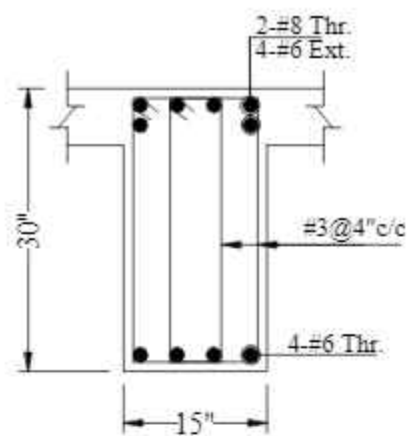
SECOND FLOOR BEAM FRAMING PLAN

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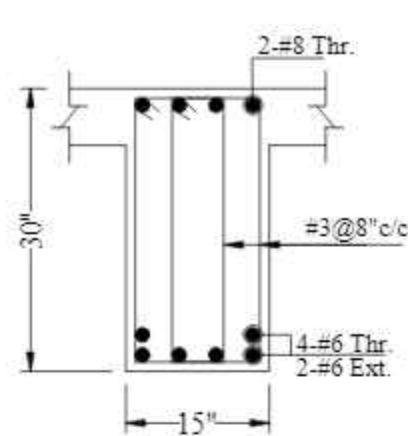


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						STR. HEAD:	NAJIB AHMAD									
						CAD CHECK:	ASIF IQBAL									
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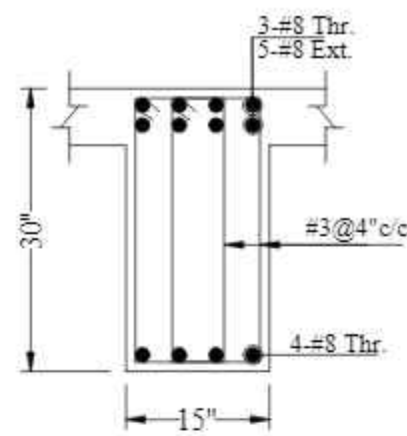




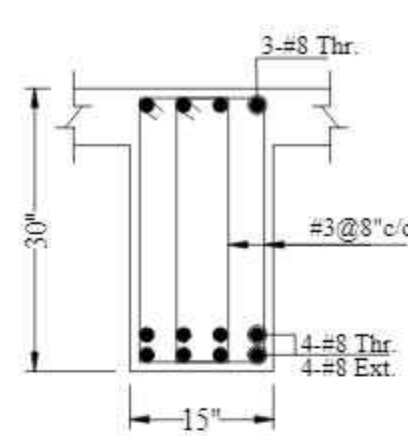
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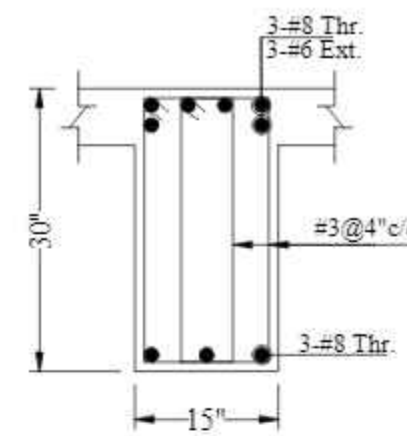
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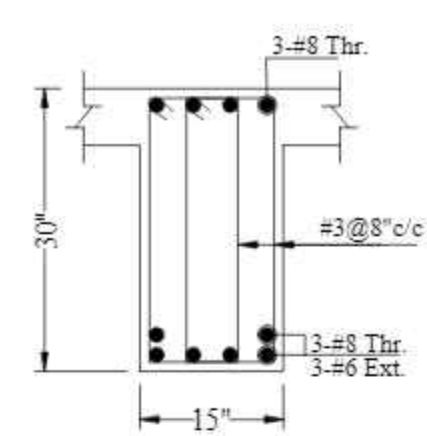
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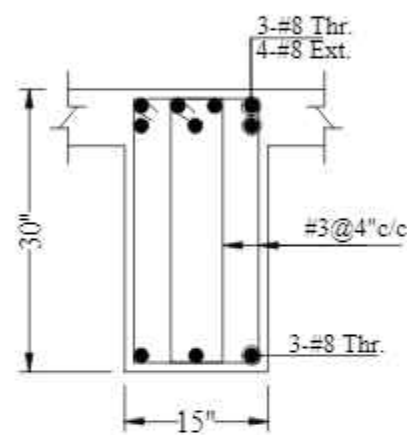
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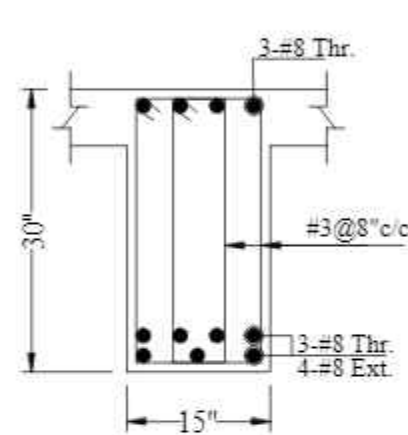
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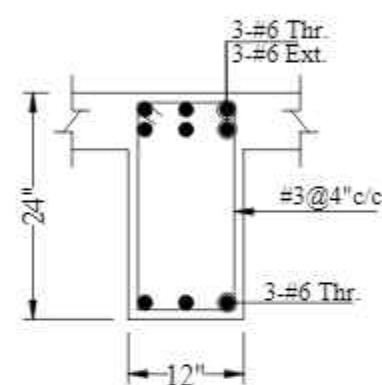
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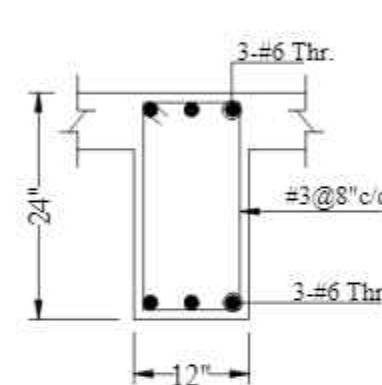
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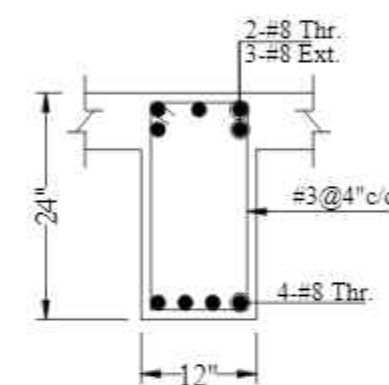
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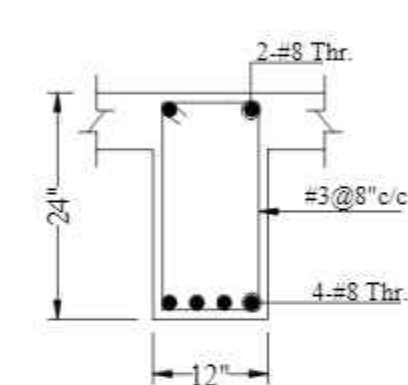
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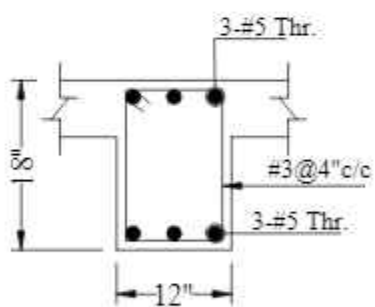
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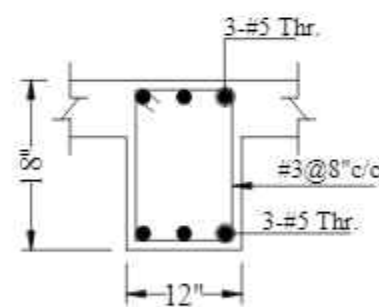
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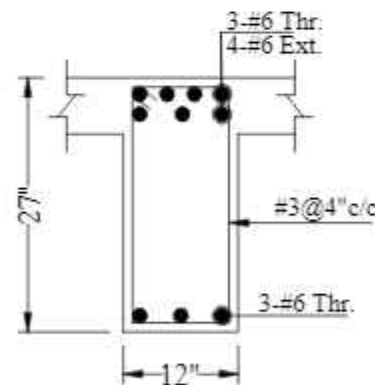
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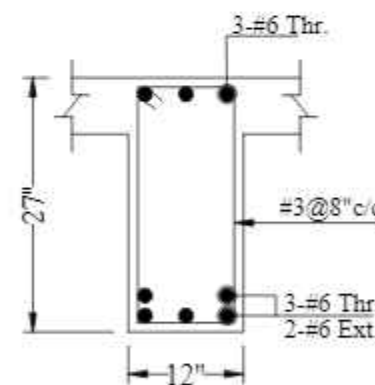
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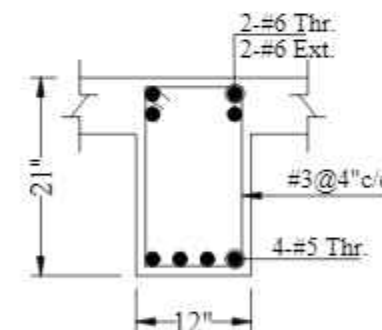
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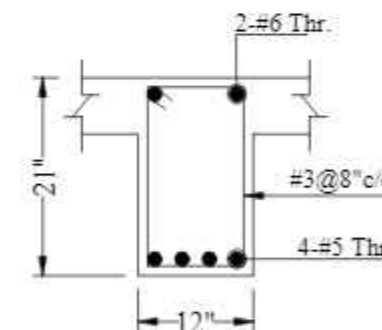
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S-B4  
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S-B5  
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S-B5  
AT MID

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								PROJECT:-		PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR			
								SCALE:-	DATE:-	DWG NO:-	REVISIONS:-		
									MARCH-2025	S-33-2022-S- 24			

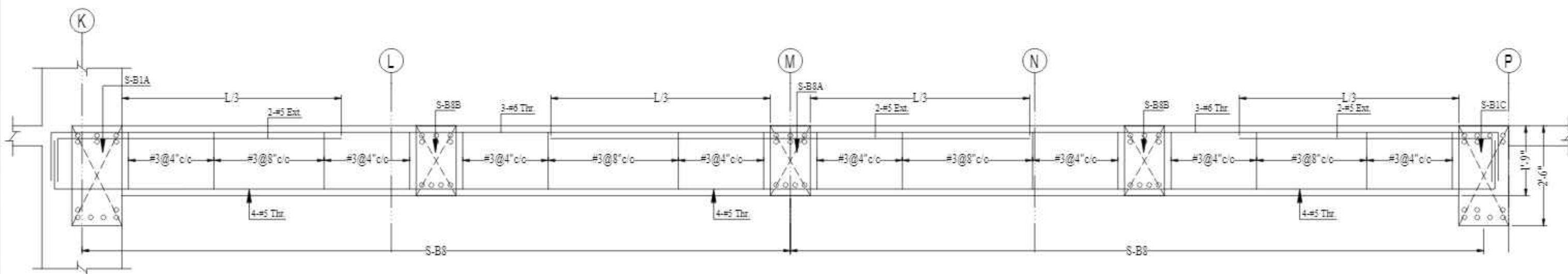
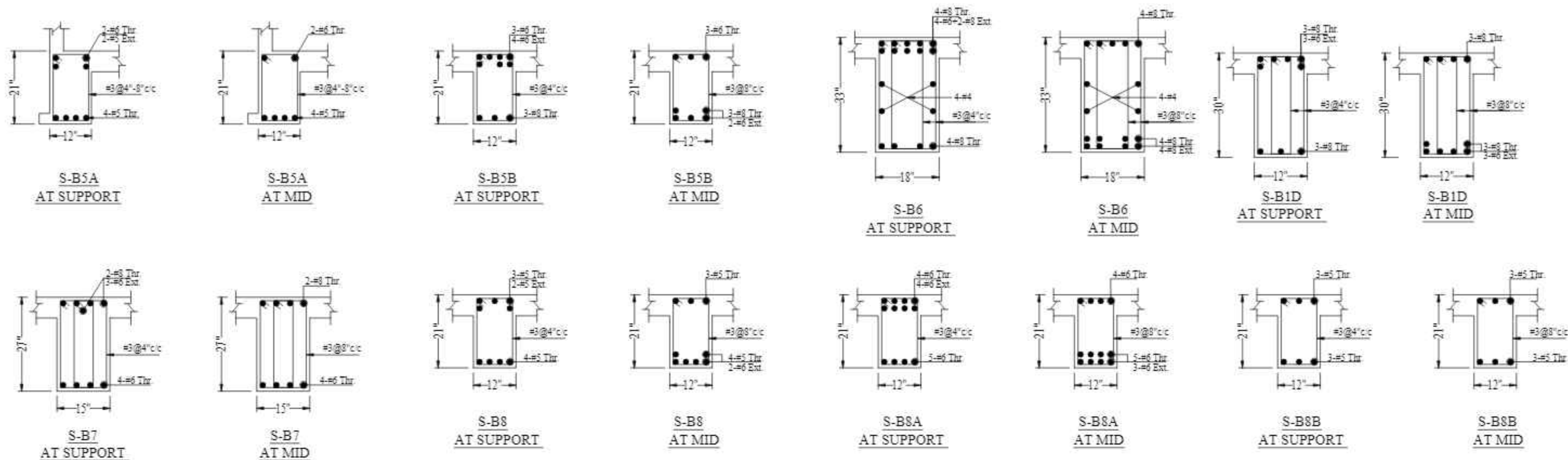


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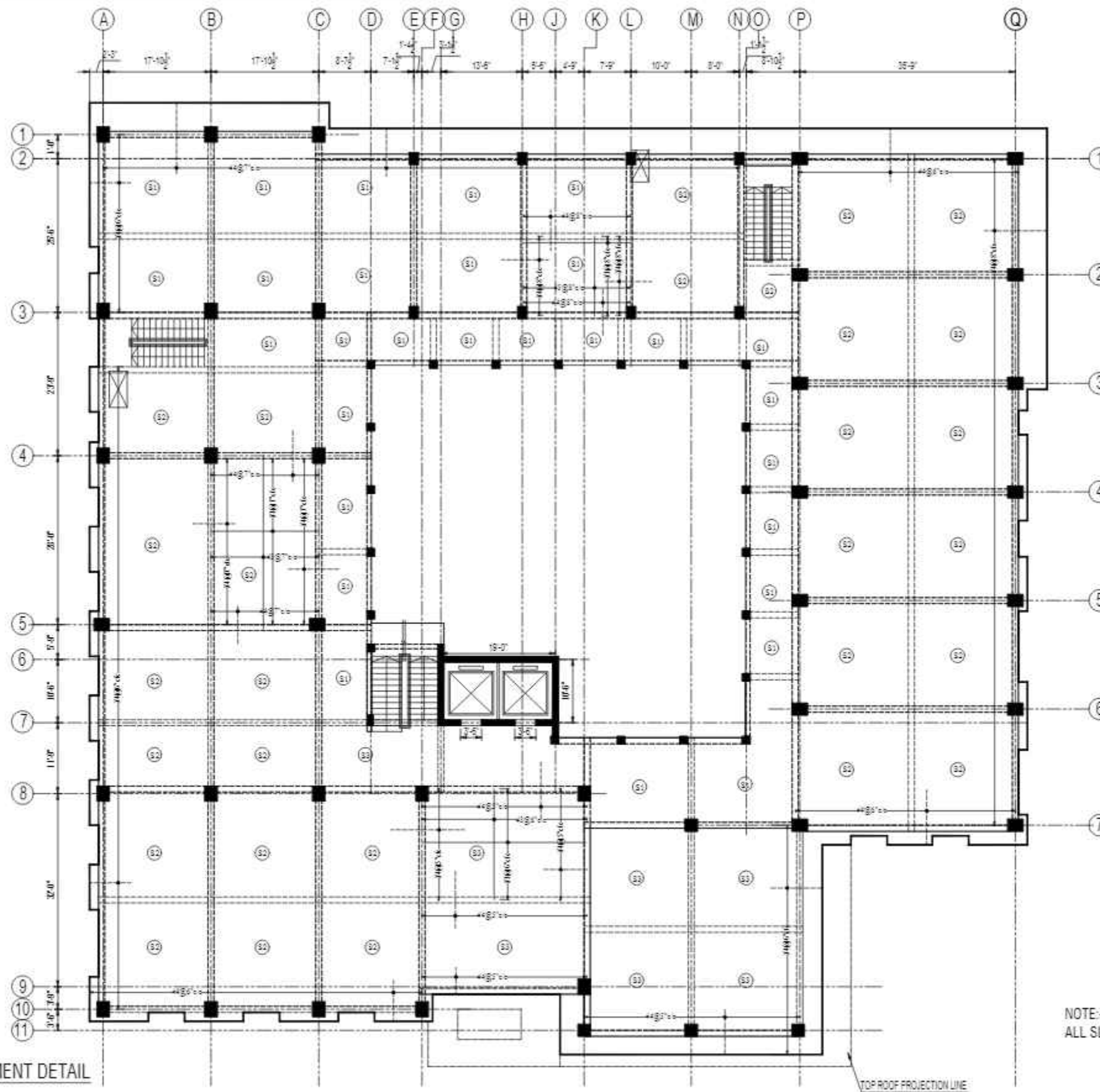
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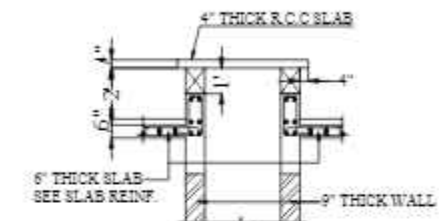
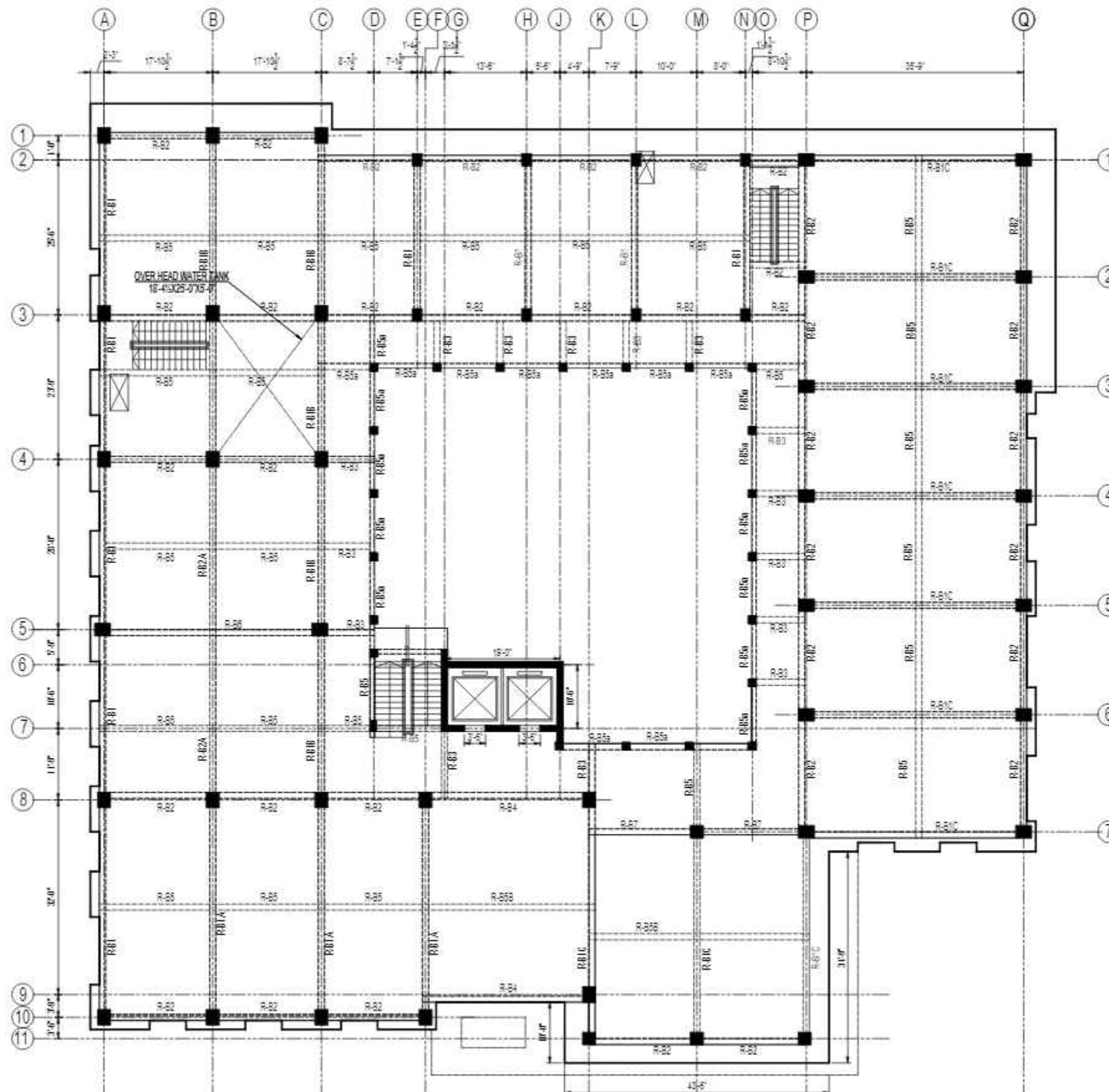
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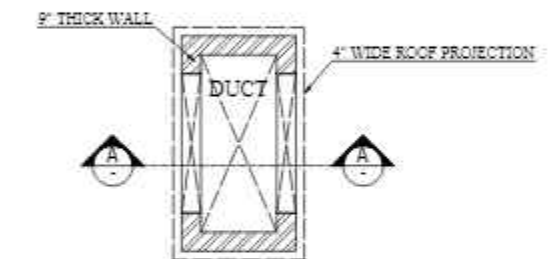
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SECTION-A-A



PLAN OF DUCT

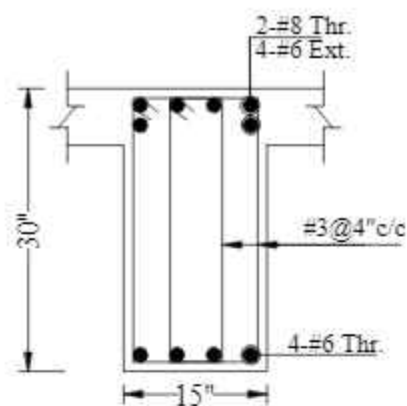
ROOF BEAM FRAMING PLAN

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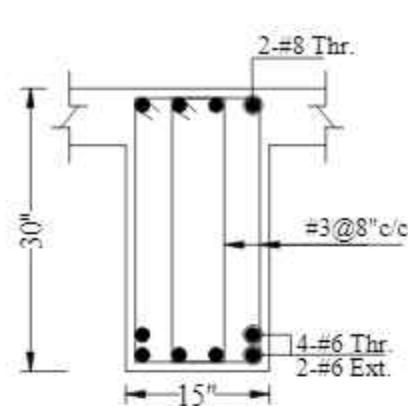


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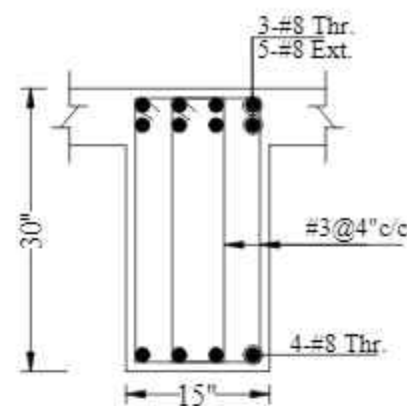




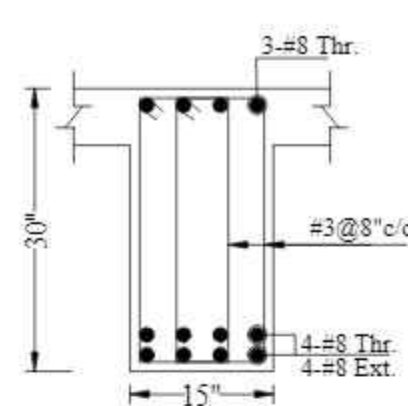
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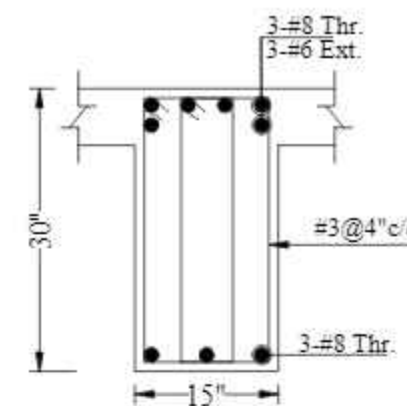
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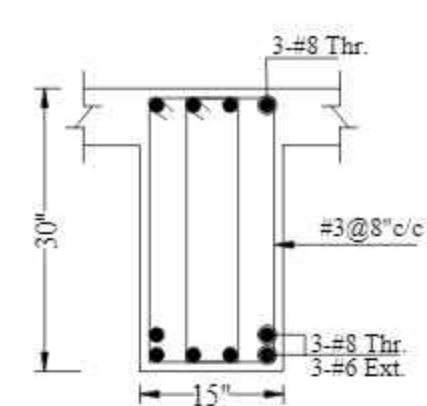
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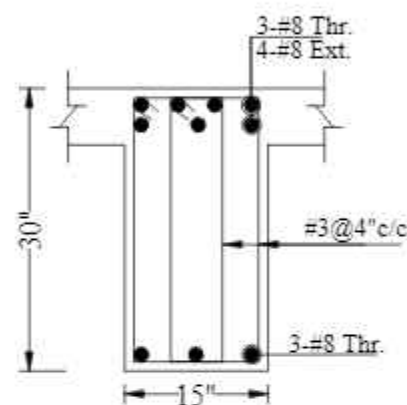
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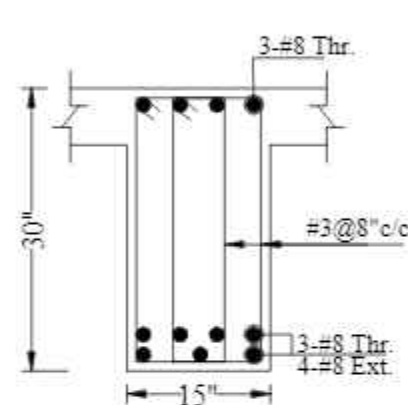
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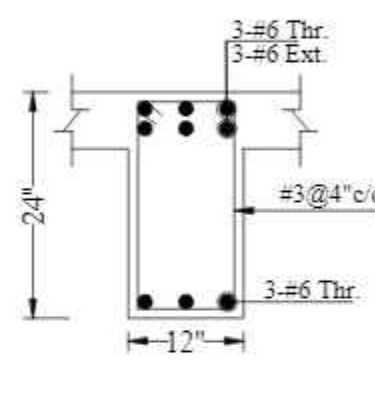
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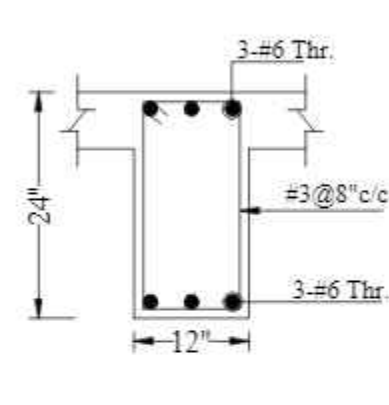
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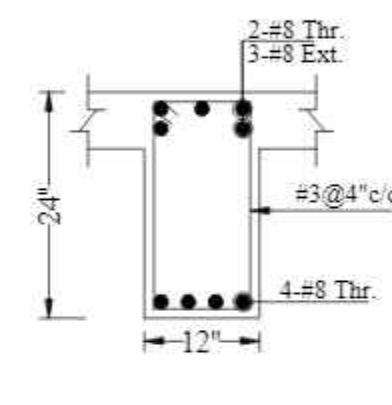
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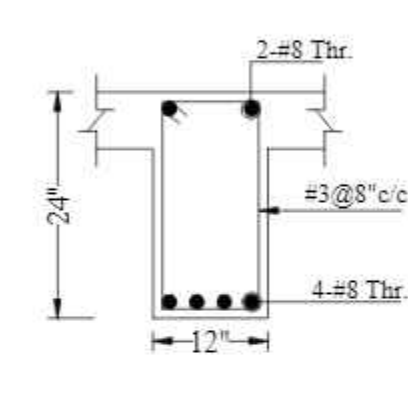
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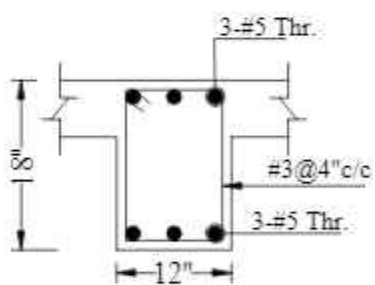
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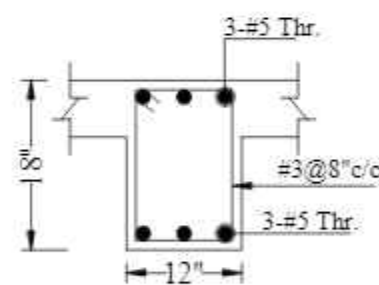
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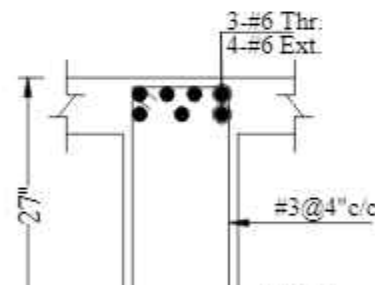
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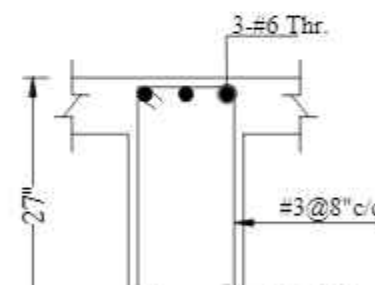
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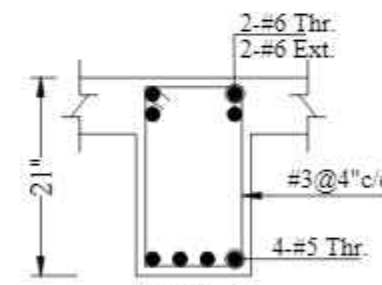
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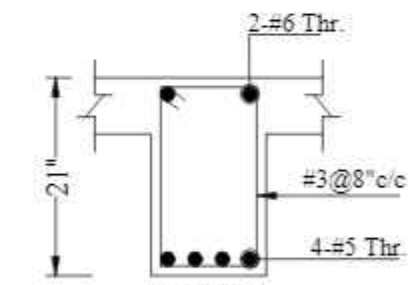
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T-B4  
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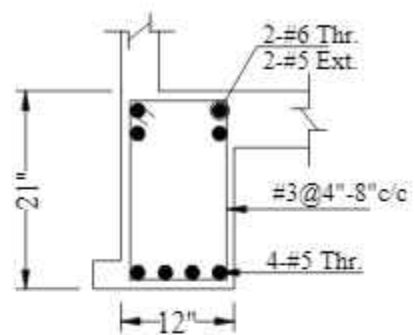


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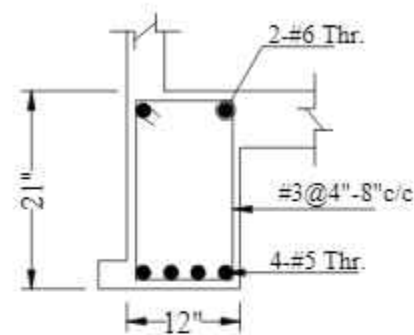
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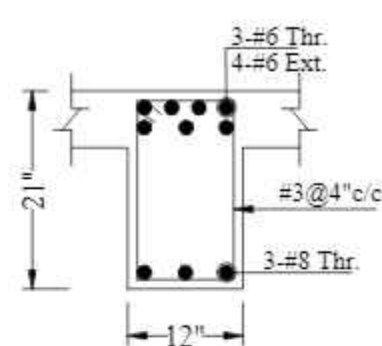
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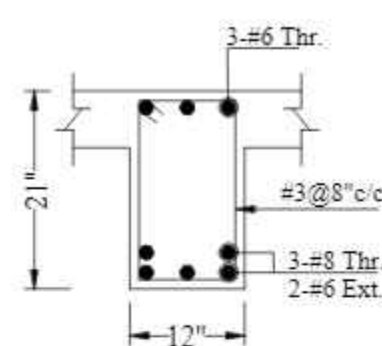
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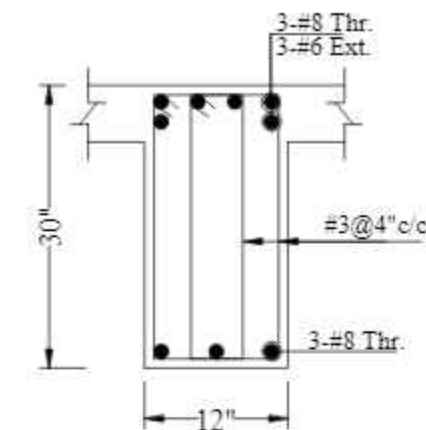
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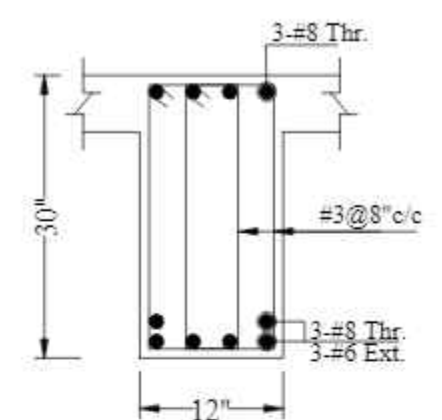
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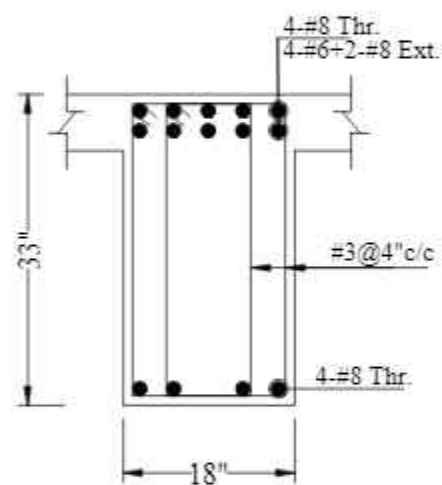
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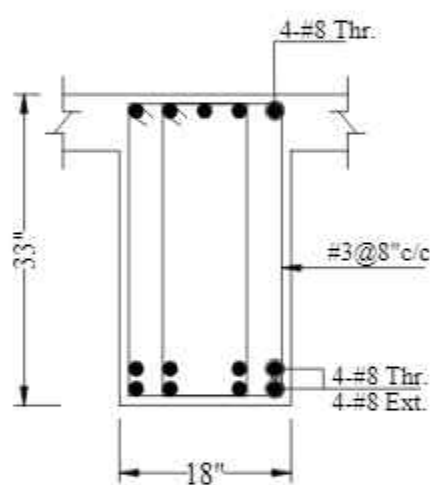
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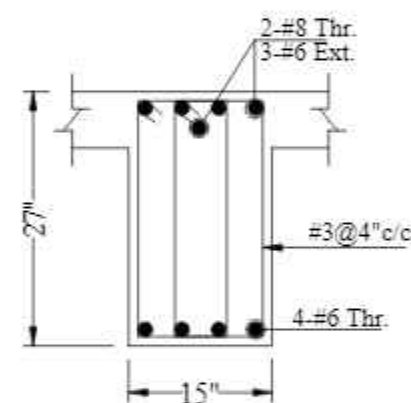
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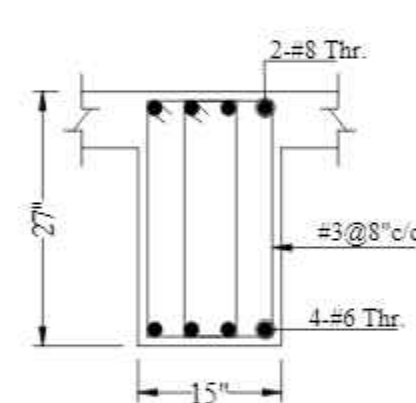
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T-B6  
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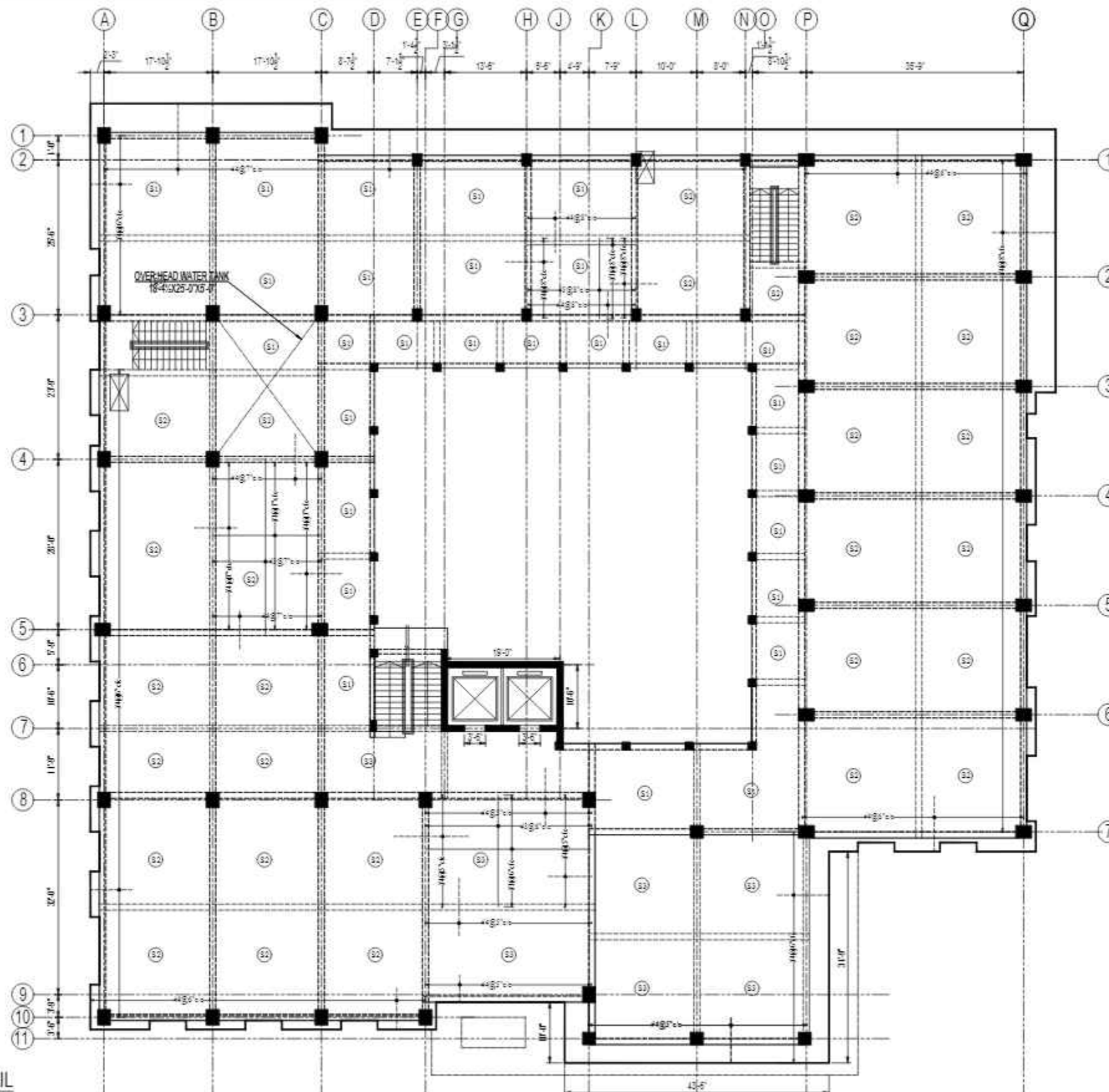


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REV No.	DATE	REVISIONS	IMPORTANT NOTE:-	DRAWN CHECK	APPR.	DRAWN BY:	ASIF IQBAL	COPYRIGHT	TITLE -	TYPE OF DRAWING -	ISSUED FOR -	PROJECT -	SCALE -	DATE -	DWG NO -	REVISION -
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						STR. HEAD:	NAJIB AHMAD					Ph: 92-51-2828577, 2829002				
						CAD CHECK:	ASIF IQBAL					Fax: 92-51-2307615				
						QAG CHECK:	MANSAB DAR					E-mail: designmenislambad@gmail.com				
						APPROVED BY:	NAJIB AHMAD									



ROOF SLAB REINFORCEMENT DETAIL

CONSULTANTS  
NAQVI AND SIDDIQUIE  
INC. ARCHITECT & ENGINEER  
LOWER GROUND - 1ST CENTRE  
STREET 14 PLOT 108 TO PAKISTAN  
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						STR. HEAD:	NAJIB AHMAD									
						CAD CHECK:	ASIF IQBAL									
						QAG CHECK:	MANSAB DAR									
						APPROVED BY:	NAJIB AHMAD									



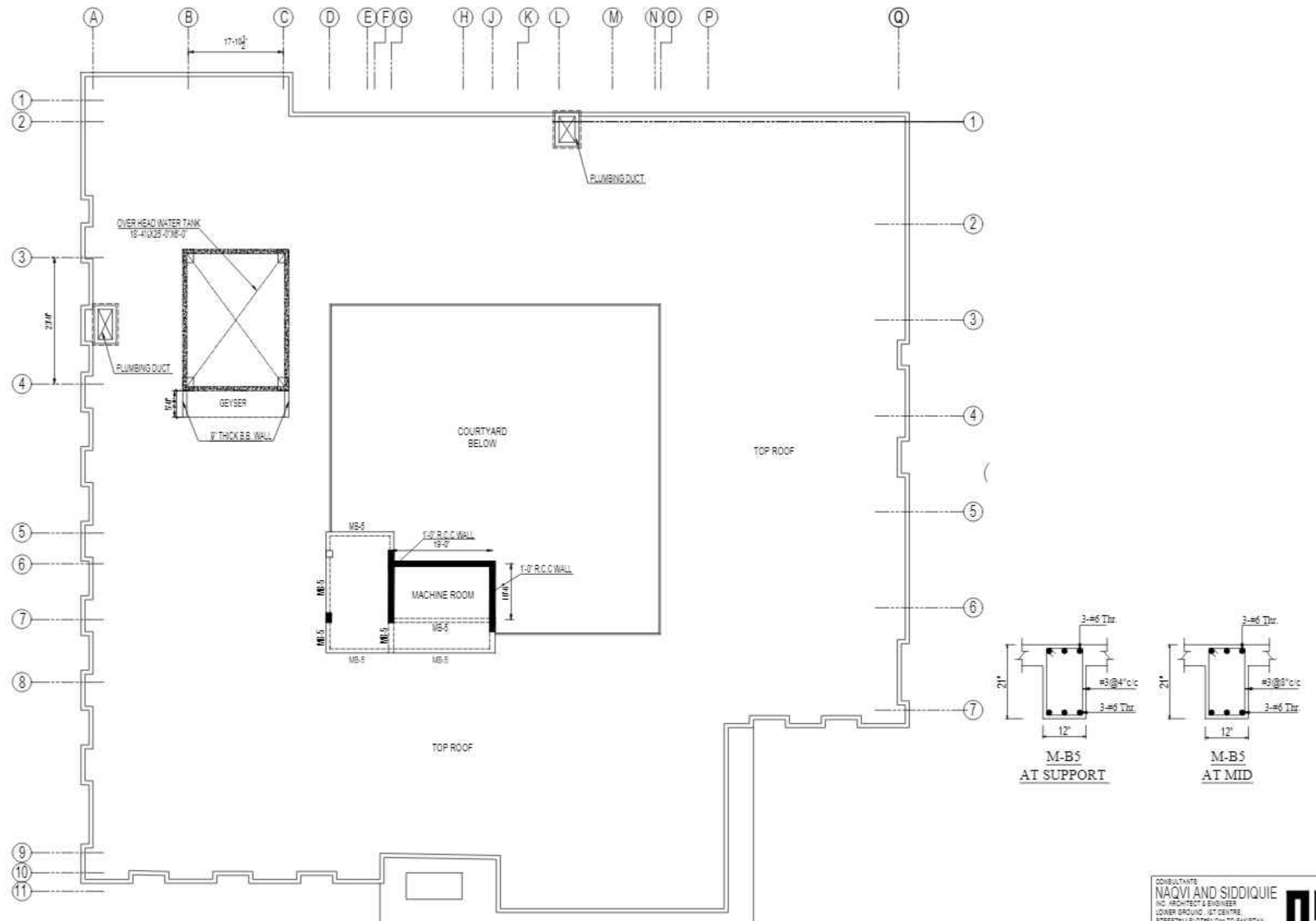
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Ph: 92-51-2828577, 2829002  
Fax: 92-51-2307615  
E-mail: designmenislambad@gmail.com

PROJECT - PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR


SCALE - DATE - MARCH-2015 DWG NO - S-33-2022-S. 30 REVISIONS - 00



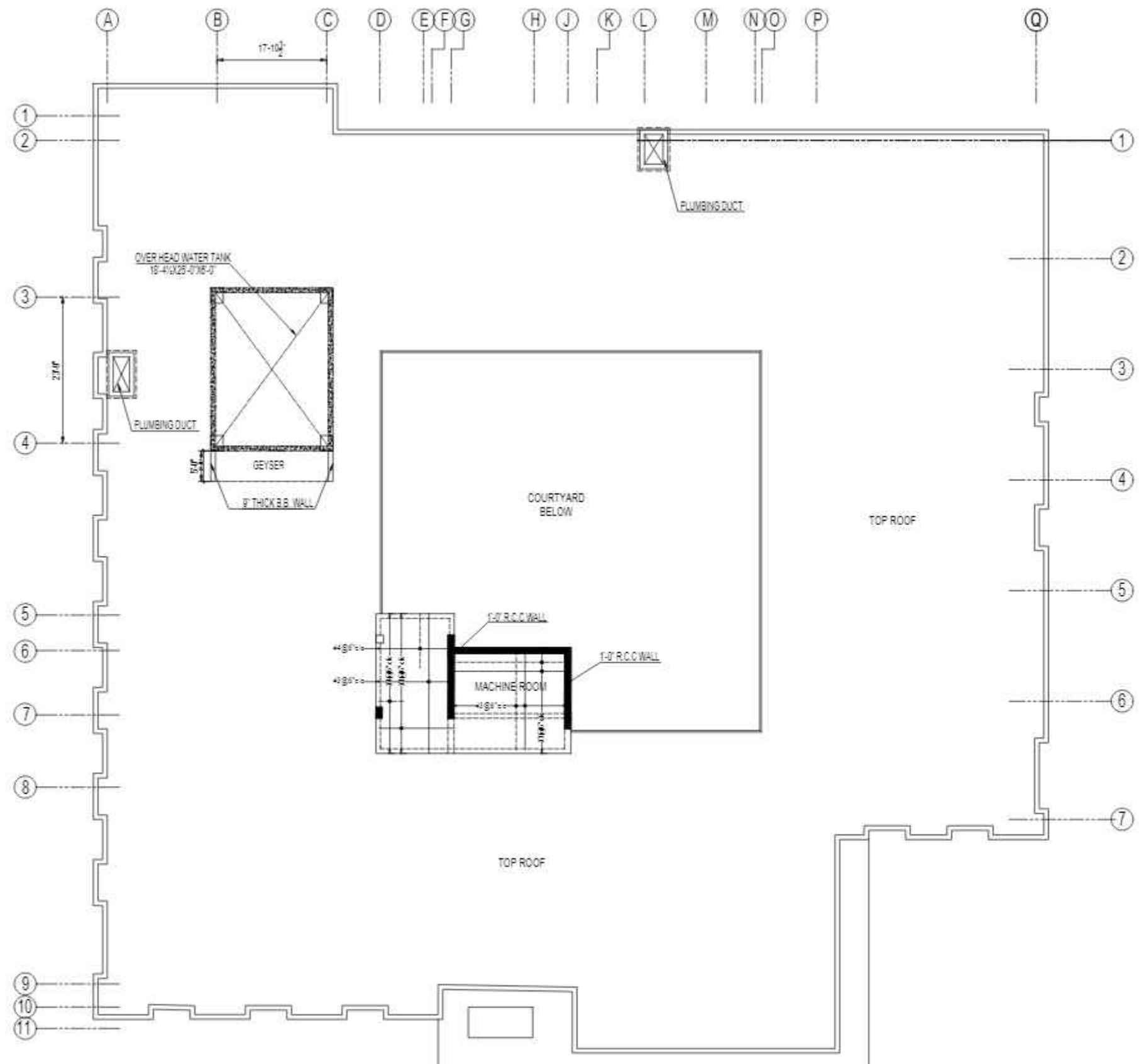
MUMTY ROOF BEAM FRAMING PLAN

CONSULTANTS  
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						STR. HEAD:	NAJIB AHMAD				
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						APPROVED BY:	NAJIB AHMAD				
									MUMTY ROOF BEAM FRAMING PLAN		<div>  <b>Designmen</b>            CONSULTING ENGINEERS (Pvt) LTD.         </div>
									TYPE OF DRAWING:-	ISSUED FOR:-	
									STRUCTURE	TENDER	
									SCALE:-	DATE:-	
										MARCH-2015	
									DWG NO:-	S-33-2022-S- 31	REVISION:-
											00





MUMTY ROOF SLAB REINFORCEMENT DETAIL

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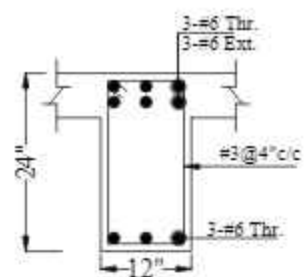


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 Ph: 92-51-2828577, 2829002  
 Fax: 92-51-2307615  
 E-mail: designmentslamabad@gmail.com

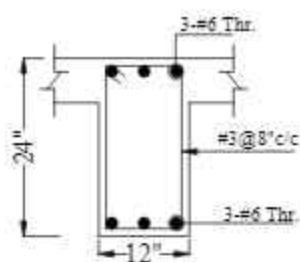
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						STR. HEAD:	NAJIB AHMAD									
						CAD CHECK:	ASIF IQBAL									
						QAG CHECK:	MANSAB DAR									
						APPROVED BY:	NAJIB AHMAD									



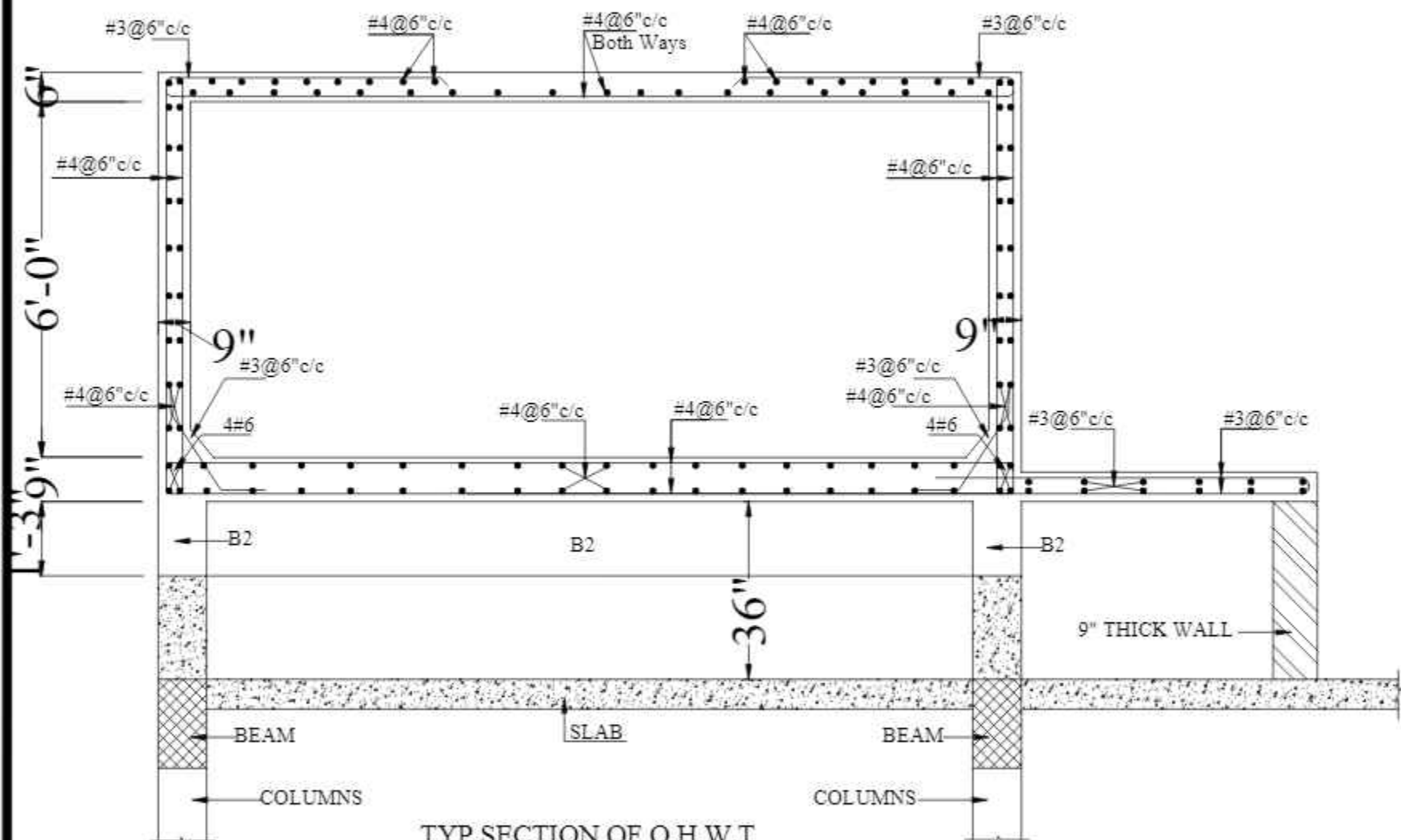
REINFORCEMENT DETAIL OF MAIN HOLE TYP.



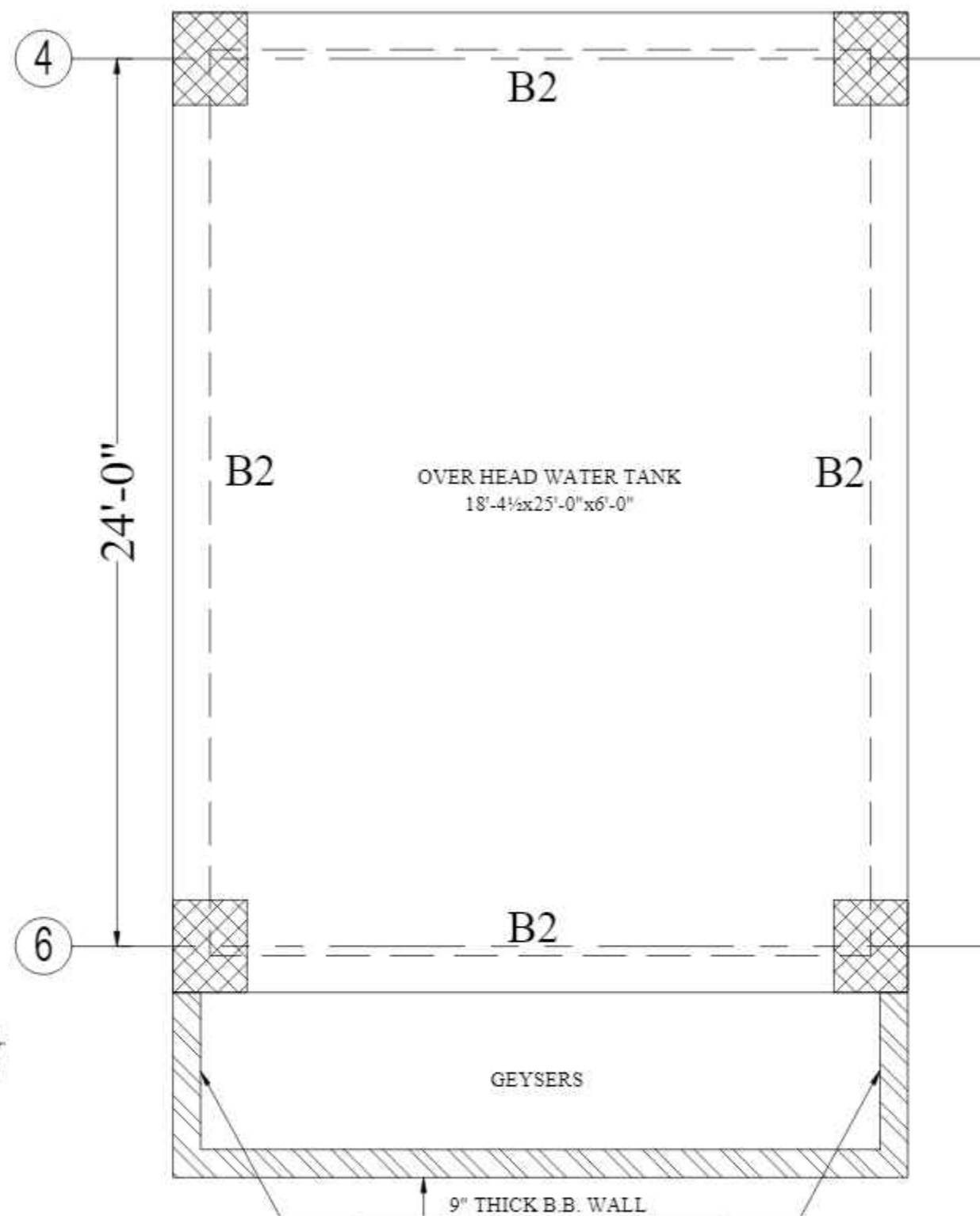
B2  
AT SUPPORT



B2  
AT MID



TYP. SECTION OF O.H.W.T

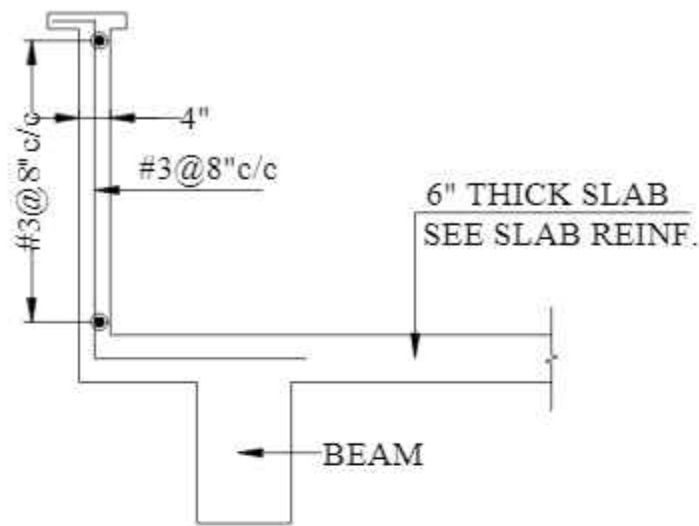


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TEL: 357-028407-01

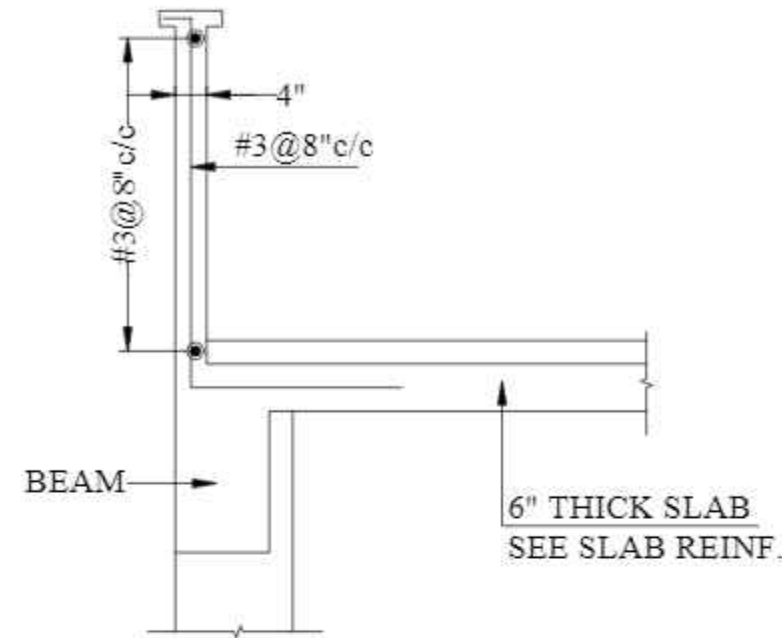


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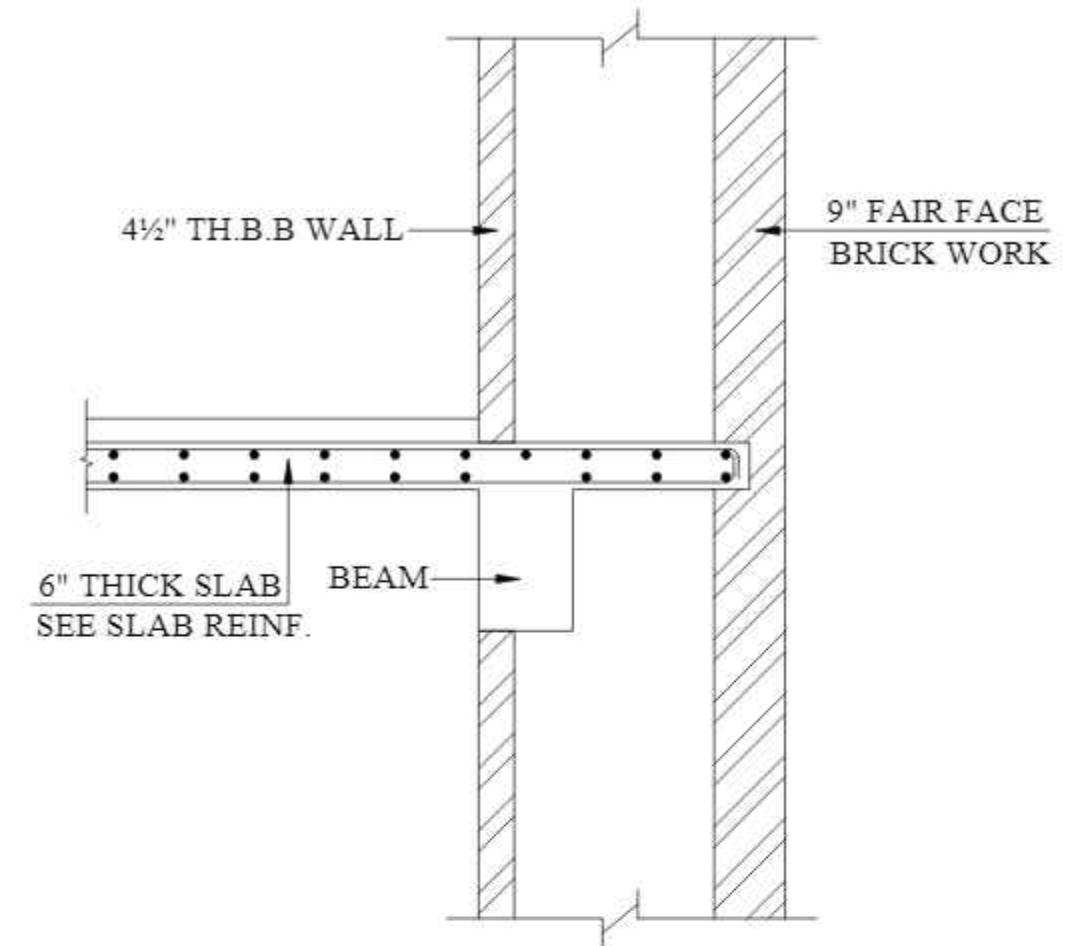
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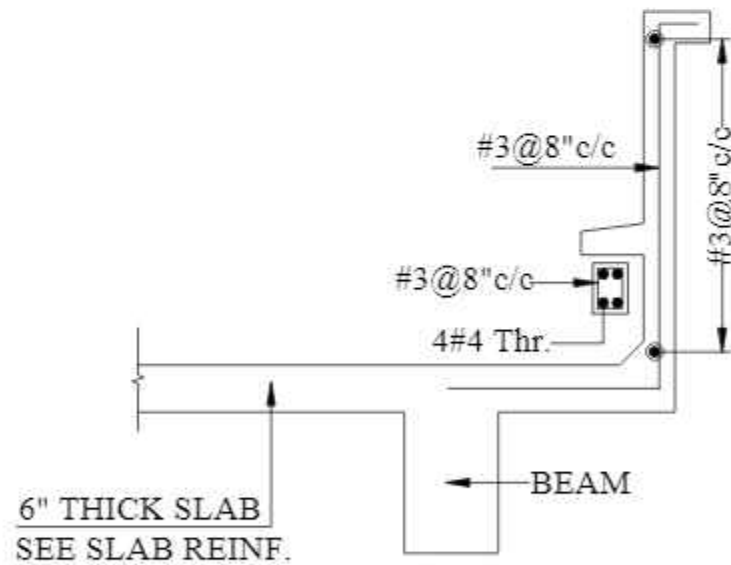
PARAPET WALL DETAIL



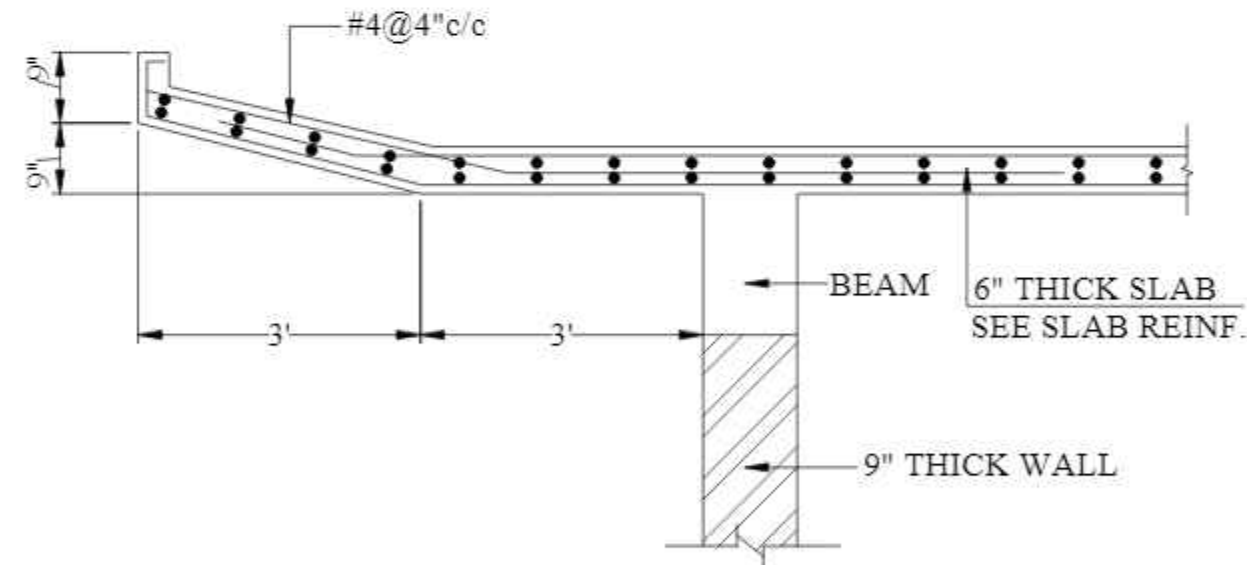
PARAPET WALL DETAIL  
AT CORRIDOR



DETAIL-03



DETAIL-01



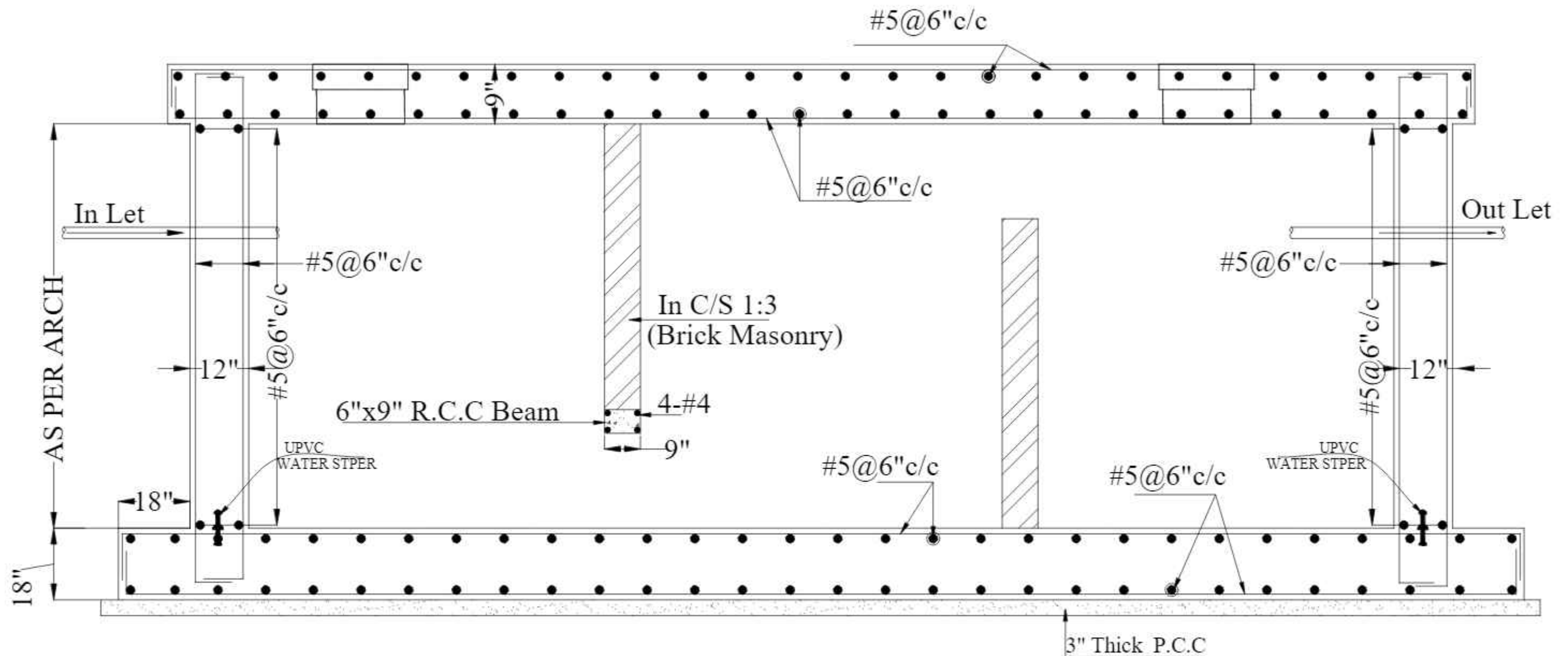
DETAIL-04

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1st Floor, Block 9-West,  
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F-6, ISLAMABAD - PAKISTAN  
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E-mail: designmentslamabad@gmail.com

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						STR. HEAD:	NAJIB AHMAD									
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						QAG CHECK:	MANSAB DAR									
						APPROVED BY:	NAJIB AHMAD									



**TYP. SEPTIC TANK REINFORCEMENT DETAIL**

CONSULTANTS  
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STREET 14 PLOT 108 TO PAKISTAN  
POVERTY ALLEVIATION FUND OFFICE  
SECTOR 5-21 ISLAMABAD  
TEL: 357-028407-11



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						STR. HEAD:	NAJIB AHMAD									
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						QAG CHECK:	MANSAB DAR									
						APPROVED BY:	NAJIB AHMAD									



PROPOSED TECHNOLOGY (NASTECH) PARK AT  
SUKKUR IBA UNIVERSITY, SUKKUR

ELECTRICAL DRAWINGS  
(TENDER DRAWINGS)

TENDER DRAWING  
NOT FOR CONSTRUCTION

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TEL:051-2289407-10



**Designmen**

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Rizwan Plaza, Jinnah Avenue  
F-6, ISLAMABAD - PAKISTAN  
Ph: 92-51-2828377, 2829002  
Fax: 92-51-2307615  
E-mail: naqvi@sbscrenani.net.pk

# LIST OF DRAWINGS

S.NO	DESCRIPTION	DWG.NO
01:-	LEGEND AND NOTES	E-00
02:-	LIGHTING LAYOUT GROUND FLOOR	E-01
03:-	LIGHTING LAYOUT FIRST FLOOR	E-02
04:-	LIGHTING LAYOUT SECOND FLOORS	E-03
05:-	LIGHTING LAYOUT MUMTY FLOORS	E-04
06:-	SOCKET LAYOUT GROUND FLOOR	E-05
07:-	SOCKET LAYOUT FIRST FLOOR	E-06
08:-	SOCKET LAYOUT SECOND FLOORS	E-07
09:-	SOCKET LAYOUT MUMTY FLOORS	E-08
10:-	COMMUNICATION LAYOUT GROUND FLOOR	E-09
11:-	COMMUNICATION LAYOUT FIRST FLOOR	E-10
12:-	COMMUNICATION LAYOUT SECOND FLOORS	E-11
13:-	CCTV LAYOUT GROUND FLOOR	E-12
14:-	CCTV LAYOUT FIRST FLOOR	E-13
15:-	CCTV LAYOUT SECOND FLOORS	E-14
16:-	CCTV LAYOUT MUMTY FLOORS	E-15
17:-	PUBLIC ADDRESS SYSTEM LAYOUT GROUND FLOOR	E-16
18:-	PUBLIC ADDRESS SYSTEM LAYOUT FIRST FLOOR	E-17
19:-	PUBLIC ADDRESS SYSTEM LAYOUT SECOND FLOORS	E-18
20:-	DBs DETAIL	E-19
21:-	DBs DETAIL	E-20
22:-	POWER SCHEMATIC	E-21
23:-	LIGHTNING PROTECTION SYSTEM ESE	E-22
24:-	EARTHING PITS SECTION DETAIL	E-23
25:-	CABLE LAYOUT PLAN	E-24

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 Ph: 92-51-2828577, 2829002  
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 E-mail: designmenislamabad@gmail.com

## LEGEND

SYMBOL	DESCRIPTION	Mounting
	LED Down Light Round 16W 1360 Lumen	Recessed / Ceiling
	LED 2X2 Led Panel 35W 3500 lumen	Recessed / Ceiling
	LED Down Light Square	Recessed / Ceiling
	LED Mirror Tubelight	Wall
	Bulk Head Light 20W IP-65	Wall
	LED Down Light Round 27.5W 3200 Lumen	Recessed / Ceiling
	Exhaust Fan	Wall
	3 PIN, 13 AMP Internation Switch Socket	450mm AFFL
	2/3 PIN, 15 AMP Switch Socket	1200mm AFL
	3 PIN, 15 AMP Switch Socket	200mm AFFL
	5 AMP Single Way Switch Plate	1200mm AFFL
	5 AMP 2- Way Switch Plate	1200mm AFFL
	TV Point	1200mm AFFL
	Telephone Point	Ceiling / Recessed
	Data Point	Ceiling / Recessed
	Spot Light	GROUND
	Dome Camera	
	Bullet Camera	
	Distribution Boards and Main Panels	

## NOTES

1-THESE DRAWING ARE TO BE READ IN CONJUNCTION WITH THE CIVIL AND MECHANICAL DRG. AND WORK TO BE EXECUTED IN-CO-ORDINATION WITH OTHER SERVICES

2- EXACT LOCATION OF OUTLETS AND FIXTURES AND ROUTING OF RACEWAYS ARE TO BE APPROVED BY CONSULTANT/ ENGINEER INCHARGE, AND CONTRACTOR TO SUBMIT SHOP DRG. FOR APPROVAL PRIOR TO EXECUTION.

3- MINIMUM P V C CONDUIT SIZE SHALL BE 20mmØ UNLESS OTHERWISE NOTED.  
PVC CONDUIT CAPACITY AS FOLLOWS:

CABLE CONDUCT	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	4.0 mm <sup>2</sup>	6.0 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>
20 mm <sup>2</sup>	6	5	4	3	2	—	—
25 mm <sup>2</sup>	15	10	7	5	3	2	—
35 mm <sup>2</sup>	26	15	12	9	5	4	2

4- WIRE SIZE AS FOLLOWS UN LESS OTHER WISE NOTED

LIGHT/ FAN /5 AMP SOCKET(POINT TO POINT) WITH 1.5 mm Sq (3/32)

LIGHT CIRCUIT (MCB TO SWITCH) WITH 2.5 mm Sq (7/029)

MCB TO LIGHT POINT (SET OF LIGHT POINTS WITH 2.5mm Sq (7/029)

15 AMP SOCKET (DIRECT FROM DB) WITH 4mm Sq (7/036)

FOR A/C SOCKET (DIRECT FROM DB) WITH 6 mm Sq (7/044)

5 AMP SOCKET (AWAY FROM SWITCH BOARD) WITH 1.5 mm Sq (3/036)  
(FROM NEAREST SOCKET / SWITCH BOARD )

5- SWITCHES ON SEPARATE PHASES TO BE LOCATED ON SEPARATE BOARDS

6- ALL EXTERNAL BURIED CONDUIT SHALL BE PVC CLASS "D"

7- CONDUITS CARRYING WIRING FOR POWER SOCKETS TO BE BURIED IN FLOOR

8- USE SEPERATE CONDUIT FOR SINGLE PHASE WIRING FOR DIFFERENT PHASES

9- E.C.C. (USE GREEN INSULATED COPPER CABLE)

10- WIRING OF SET 3 LIGHT PLUGS FOR( DIRECT FROM D.B ) WITH 2.5 mm Sq (7/029)

11- WIRING FOR COMPUTER POWER OUT LETS WITH 2.5 mm Sq (7/029)

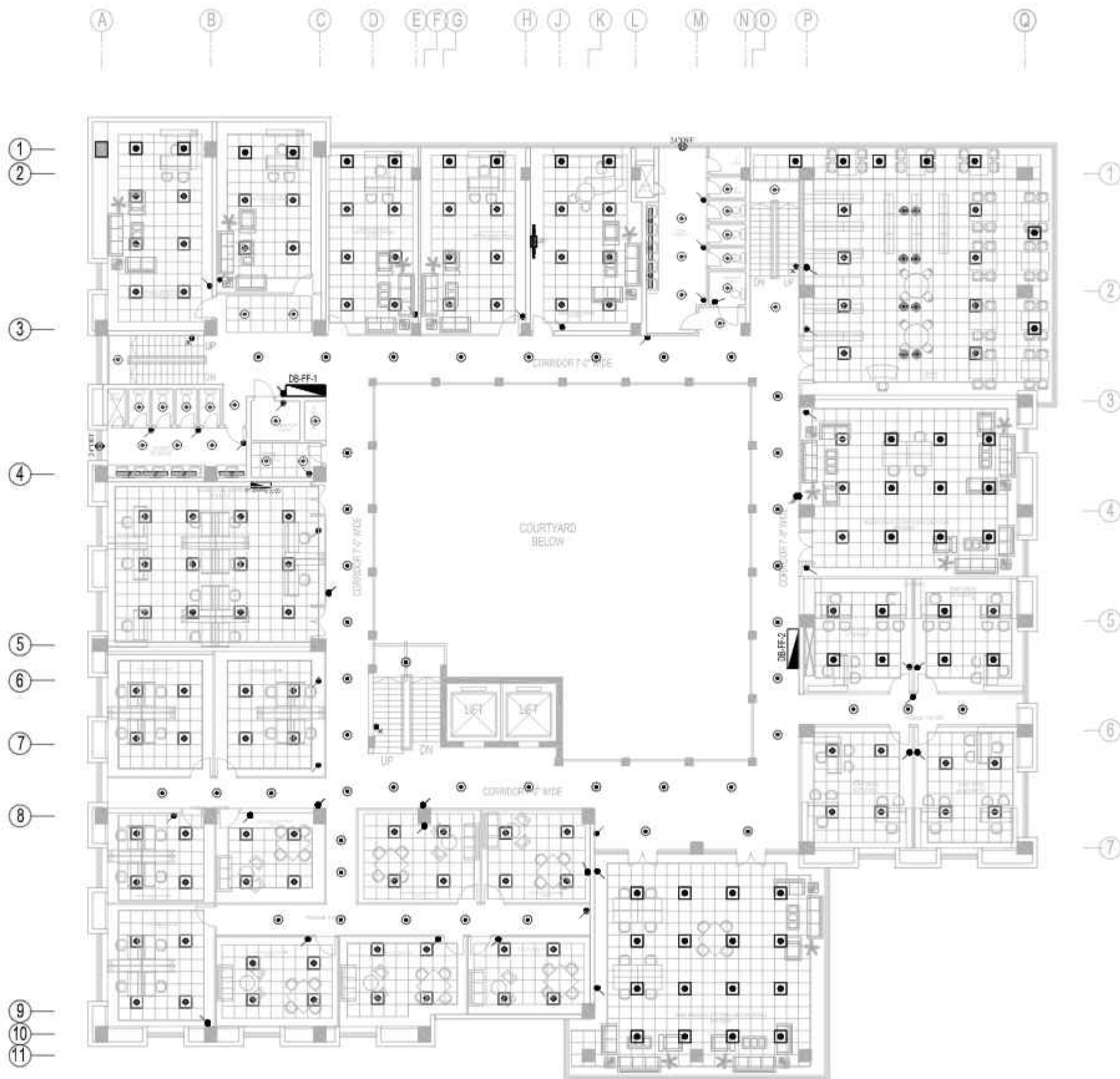
12- USE STRANDED CONDUCTOR COPPER WIRES/CABLES

TENDER DRAWING  
NOT FOR CONSTRUCTION

REV	DATE	REVISIONS	IMPORTANT NOTE:- THE OWNER WILL APPOINT SUPERVISOR FOR CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND THE SUPERVISOR ARE RESPONSIBLE FOR QUALITY AND STABILITY OF BUILT STRUCTURE. THE STRUCTURE ENGINEER/ARCHITECT IS ONLY RESPONSIBLE FOR STRUCTURAL/ARCHITECTURAL DESIGN OF THE BUILDING, RESPECTIVELY.	DRAWN CHECK	DATE	AUTH	DESIGNED BY:  (CHECKED BY):  APPROVED BY:	DATE	DESIGNED BY:  (CHECKED BY):  APPROVED BY:	DATE	CONTRACT THE ORIGINAL OF THIS DRAWING IS TO BE LOANED TO THE USER/PROPERTY OF ORGANIZATION AND THE ACCEPTANCE OF THE USER/PROPERTY IS AN AGREEMENT THAT IT WILL BE TREATED AS A CONFIDENTIAL DOCUMENT TO BE KEPT FOR NO PURPOSE OTHER THAN, AN EXPERIMENTAL PURPOSE ONLY. AUTOMATIC TERMINATION OF THIS DRAWING SHALL NOT BE CONSIDERED AS POLICIES WITH A VOTER OR PUBLIC RELEASE OF ANY INFORMATION AUTHORISED OR WITHDRAWN BY ORGANIZATION.	TITLE  <b>LEGEND AND NOTES</b>  TYPE OF DRAWING  ISSUED FOR  ELECTRICAL  TENDER	 <b>Designmen</b> CONSULTING ENGINEERS (P) LTD. 1st Floor, Block 9 Street, Haveli Plaza, Anand Avenue F-6, BILAHARI - PAKISTAN Ph: 92-51-2523077, 2523062 Fax: 92-51-2370638 E-mail: designmen@anandahd@gmail.com	PROJECT  PROPOSED TECHNOLOGY INSTITUTE PARK AT SUKUR IBA UNIVERSITY, SUKUR  SCALE DATE MARCH 2023 DWG NO. 1-01 SHEET
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TENDER DRAWING  
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INC. ARCHITECT & ENGINEER  
LOWER GROUND, 1ST CENTRE  
STREET #14 PLOT #1 Opp. TO PAKISTAN  
POVERTY ALLEVIATION FUND OFFICE,  
SECTOR G-8/1 ISLAMABAD  
TEL: 051-228487-10



REV. NO.	DATE	REVISIONS	IMPORTANT NOTE:- THE OWNER WILL APPOINT SUPERVISOR FOR CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND THE SUPERVISOR ARE RESPONSIBLE FOR QUALITY AND STABILITY OF BUILT STRUCTURE. THE ARCHITECTURE ENGINEER/ARCHITECT IS ONLY RESPONSIBLE FOR STRUCTURAL / ARCHITECTURAL DESIGN OF THE BUILDING AND STRUCTURE.	DRAWN	APPR.	THAWA TO:	APPROVAL THE ORIGINAL OF THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND THE ACCEPTANCE OF THIS DRAWING CONSTITUTES AN AGREEMENT THAT IT WILL BE TREATED AS A CONFIDENTIAL DOCUMENT TO BE USED FOR THE PROJECT ONLY. IT IS NOT TO BE REPRODUCED, COPIED, COPIED OR FOR ANY OTHER PURPOSE WITHOUT AUTHORIZATION IN WRITING BY DESIGNER.	TITLE  <b>LIGHTING LAYOUT FIRST FLOOR PLAN</b>	TYPE OF DRAWING  <b>ELECTRICAL</b>	ISSUED FOR:  <b>TENDER</b>	<div><div></div><div><b>Designmen</b> CONSULTING ENGINEERS (Pvt) LTD. 1st Floor, Block 9-Wall, Korangi Plaza, Korangi Avenue, F-6, ISLAMABAD - PAKISTAN Ph: 33-33124377, 3328062 Fax: 33-33-2305515 E-mail: designmenindia@hotmail.com</div></div> <div>PROJECT  PROPOSED TECHNOLOGY (NAISTECH) PARK AT SUKKUR BIA UNIVERSITY, SUKKUR</div> <table><tr><td>SCALE</td><td>DATE</td><td>REVISIONS</td><td>DWG. NO.</td><td>FIG.</td><td>REVISION</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> <div>FILE NO.</div>						SCALE	DATE	REVISIONS	DWG. NO.	FIG.	REVISION						
				SCALE		DATE											REVISIONS	DWG. NO.	FIG.	REVISION								
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																			CHECKED BY:									
				APPROVED BY:	Sahib Ahmad																							



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Fax: 05-51-230515  
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ACT NO.	DATE	REVISIONS	<p><b>IMPORTANT NOTE:-</b></p> <p>(THIS DRAWING WILL REMAIN THE PROPERTY OF THE CLIENT)</p> <p>CONSTRUCTION OF ELECTRICAL, TELEPHONE, CABLES, ETC. WIRING SHALL BE DONE BY THE CLIENT'S EMPLOYEES OR CONTRACTORS. THE ELECTRICAL ENGINEER/ARCHITECT IS ONLY RESPONSIBLE FOR STRUCTURAL/ARCHITECTURAL DESIGN OF THE ELECTRICAL INSTALLATION.</p>	<p><b>DRAWN</b></p> <p><b>CHECK</b></p>	<p><b>APPR.</b></p>	<p><b>DRAWN TO</b></p> <p><b>APPROVED BY:</b></p> <p><b>CHECKED BY:</b></p> <p><b>APPROVED BY:</b></p>	<p><b>SCALE</b></p> <p><b>DATE</b></p>	<p><b>CONTRACT</b></p> <p>THE UNDERSIGNED HEREBY CERTIFIES THAT THIS DRAWING IS PREPARED BY HIMSELF OR HIS EMPLOYEES OR CONTRACTORS AND IS THE PROPERTY OF THE CLIENT. THE UNDERSIGNED SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE INFORMATION FURNISHED TO THE CLIENT. THE UNDERSIGNED SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE INFORMATION FURNISHED TO THE CLIENT. THE UNDERSIGNED SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE INFORMATION FURNISHED TO THE CLIENT.</p>	<p><b>TITLE</b></p> <p><b>SOCKET LAYOUT</b></p> <p><b>FOURTH FLOOR PLAN</b></p>	<p><b>TYPE OF DRAWING</b></p> <p><b>DATE OF ISSUE</b></p>	<p><b>ELECTRICAL</b></p> <p><b>TELEPHONE</b></p>	<p><b>DESIGNER</b></p> <p><b>PROPOSED TELEPHONE CABLES (CIG) PARK AT</b></p> <p><b>SOCKET DIA. 10MM/12MM, 10MM/12MM</b></p>	<p><b>SCALE</b></p> <p><b>DATE</b></p> <p><b>MARKING</b></p> <p><b>DRAWING</b></p> <p><b>FILE</b></p>	<p><b>REMARKS</b></p>
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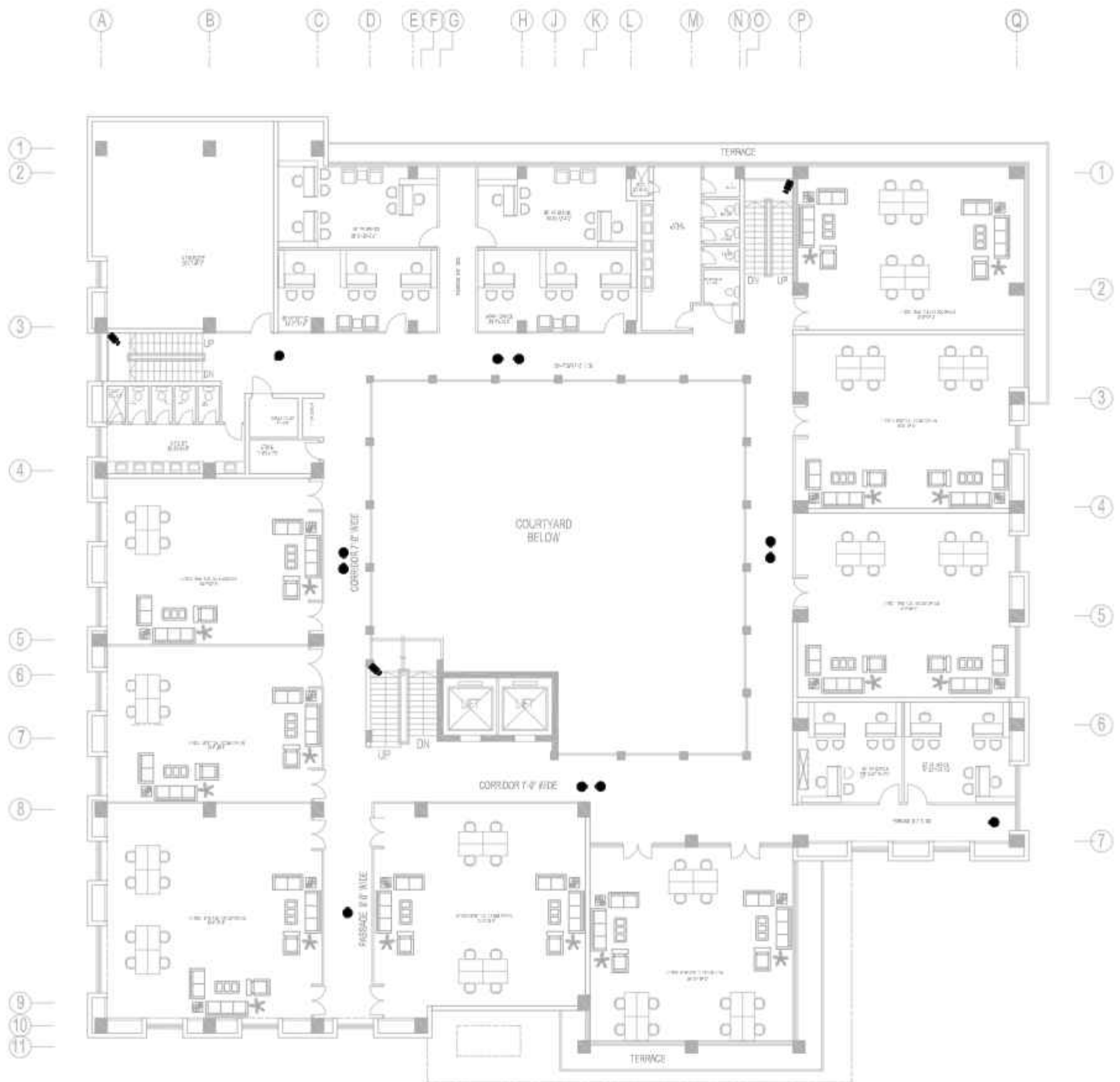
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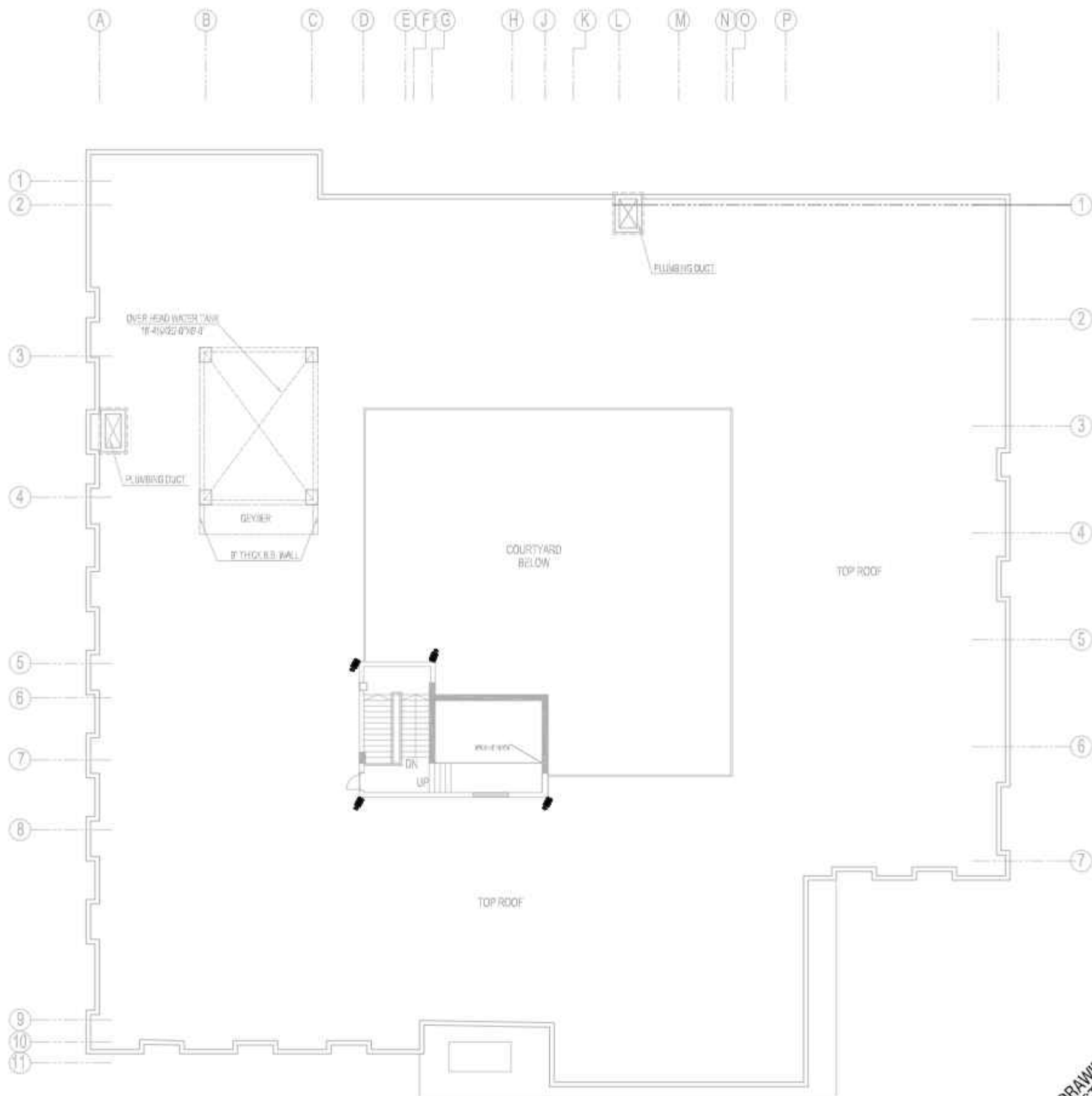


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REV.	DATE	REVISIONS	IMPORTANT NOTE-	DRAWN	CHECK	DATE	THROWN TO	SCALE	COMMENTS	TITLE	TYPE OF DRAWING	ISSUE NO.	PROJECT	SCALE	DATE	SHEET NO.	TOTAL SHEETS	REVISION
1			THIS DRAWING WILL REMAIN THE PROPERTY OF THE ARCHITECT AND ENGINEER. IT IS TO BE USED ONLY FOR THE PROJECT AND NOT FOR ANY OTHER PURPOSE. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT AND ENGINEER IS STRICTLY PROHIBITED.							<b>CCTV LAYOUT SECOND FLOOR PLAN</b>	ELECTRICAL	TENDER	PROPOSED TILAKHATI CHAUN (CIC) PARK AT SUKRATA DA UNIVERSITY, SUKUR					



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TEL: 01-2889487-10



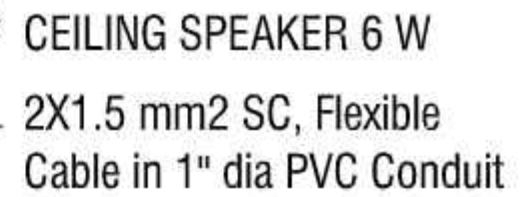
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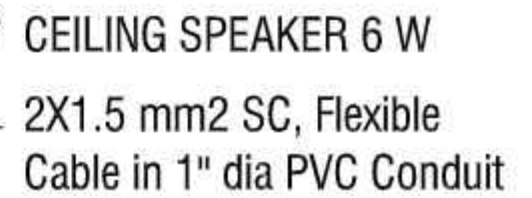
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B-Block, Block 9, Phase 1,  
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TEL: 01-51-0474377, 2599802  
Fax: 01-51-5364115  
E-mail: designmen@hotmail.com

SCALE	DATE	MARKED	DATE	REVISION



REV NO.	DATE	REFERENCE	<b>IMPORTANT NOTE:-</b> THIS DRAWING WILL REMAIN THE PROPERTY OF THE CONSULTANT AND WILL NOT BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE CONSULTANT. THE CLIENT ACCEPTS THE CONSULTANT'S RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED AND THE CONSULTANT'S RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED. THE CONSULTANT'S RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED IS LIMITED TO THE INFORMATION PROVIDED AND THE CONSULTANT'S RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED IS LIMITED TO THE INFORMATION PROVIDED.	DRAWN CHECKED APPROVED DATE	DRAWING NO. CHECKED BY APPROVED BY	SCALE DATE	PROJECT TITLE LOCATION CLIENT	DESIGNER CONSULTANT ADDRESS PHONE FAX EMAIL	PROJECT PROPOSED LOCATION CLIENT	SCALE DATE MARKING DRAWING ETC

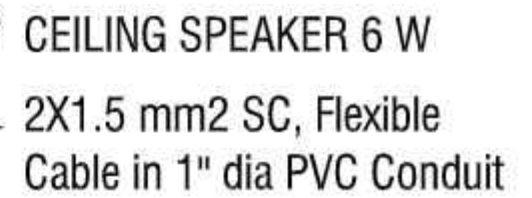


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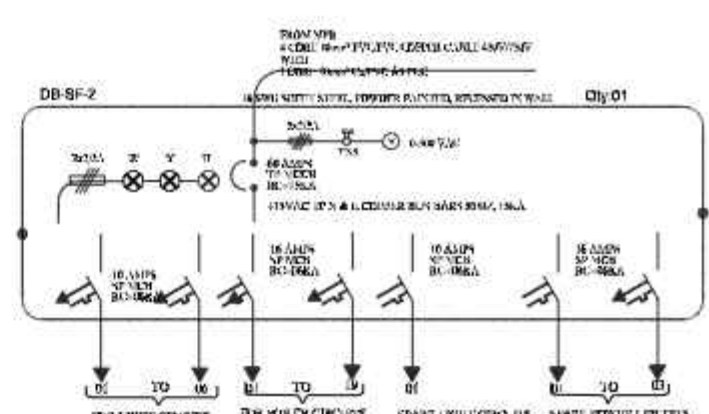
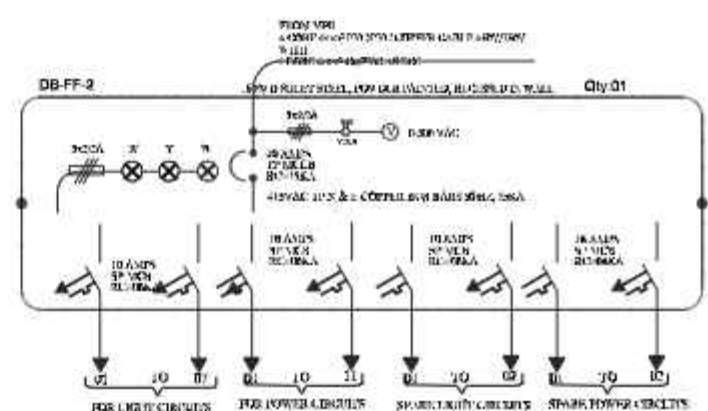
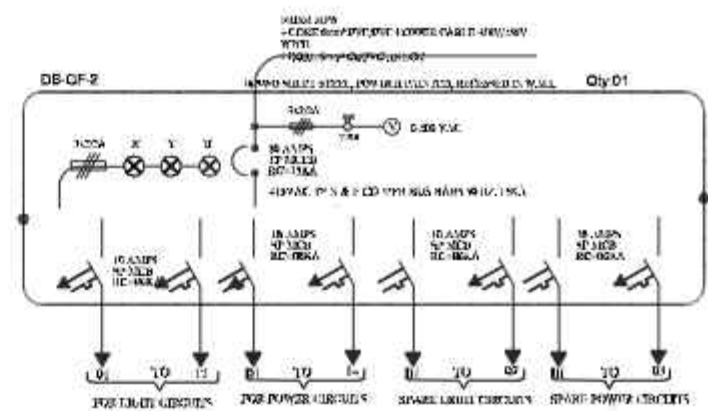
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Tel: 011-26746777, 2259402  
Fax: 011-2364413  
E-mail: dsiddique@netvision.net@gmail.com

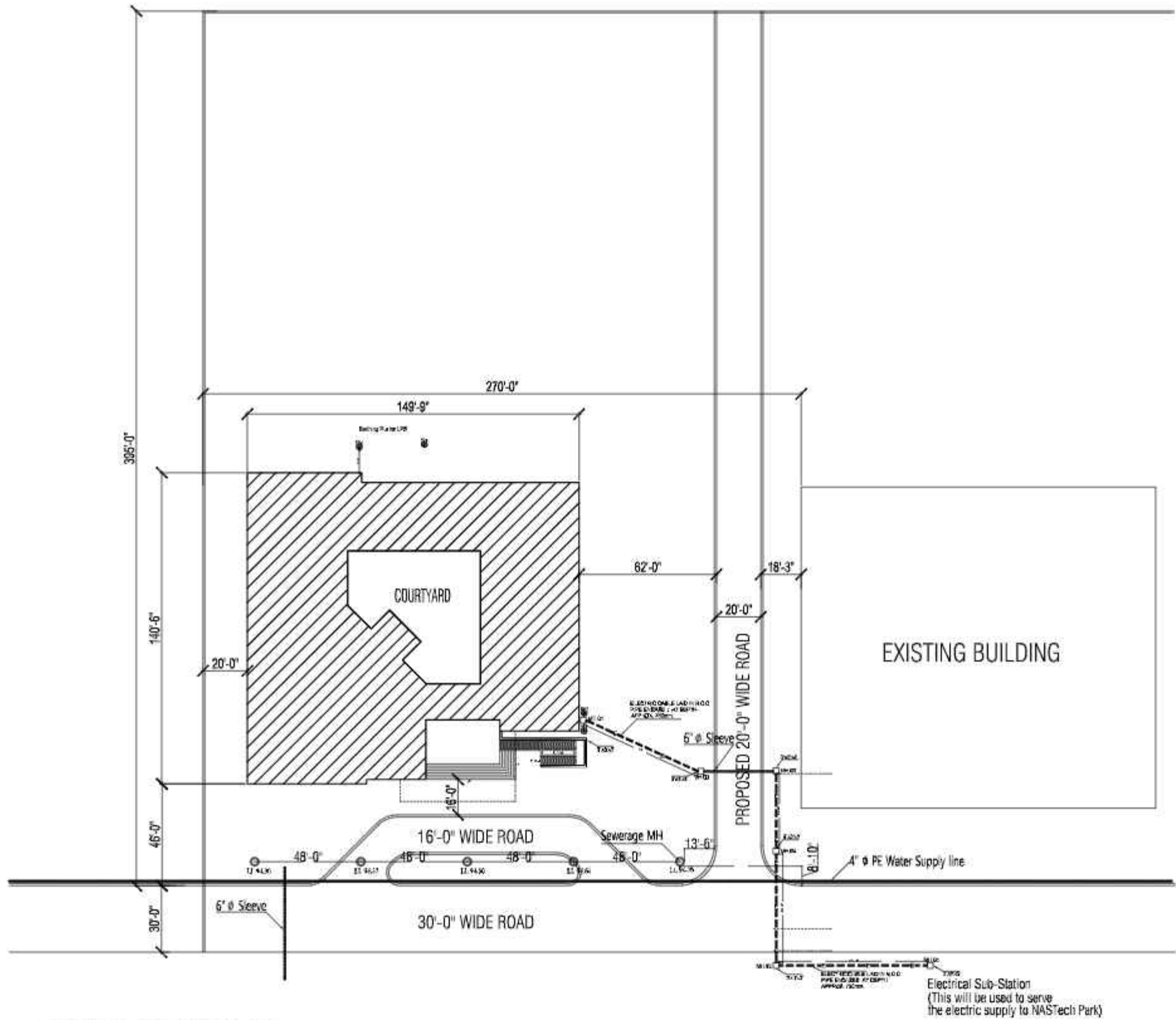
ACT NO.	DATE	REVISIONS	IMPORTANT NOTE:-  THIS DRAWING WILL REMAIN THE PROPERTY OF THE CONSULTANT AND IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEMS, WITHOUT THE WRITTEN PERMISSION OF THE CONSULTANT.	DRAWN CHECK	APPR	TRANSMIT TO:  SUBMITTED BY:  CHECKED BY:  APPROVED BY:	NO. OF SHEETS  NO. OF DRAWINGS  SCALE	COMMENTS  THIS DRAWING IS THE PROPERTY OF THE CONSULTANT AND IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEMS, WITHOUT THE WRITTEN PERMISSION OF THE CONSULTANT.	TITLE  DBs DETAIL  TYPE OF DRAWING: PROJECT CODE:  INTELLECTUAL TENDER	<div><div></div><div><b>Designnien</b> CONSULTING ENGINEERS (Pvt.) Ltd. 1st Floor, Block 9 West, Silver Star, Land Avenue 1-4, PULAKKALLI - PALLANJAN, ER-61-36-24-377, 689992 Tel: 02-2346377, 239992 Fax: 02-2336413 E-mail: designnien@hotmail.com</div></div> <div><div>PROJECT</div><div>PROPOSED THE INDO-PAKISTANIC PARK AT SUREKHA UNIVERSITY, SUREKHA</div></div> <div><div>SCALE</div><div>DATE</div><div>NO. OF SHEETS</div><div>NO. OF DRAWINGS</div><div>SCALE</div><div>DATE</div></div>



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CABLE LAYOUT PLAN

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PROJECT  
PROPOSED TILAKHIM (NASTECH) PARK AT  
SUKRATA UNIVERSITY, SUKUR

SCALE  
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CHECKED  
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1st Floor, Block 9, Phase 1  
Sector 8, Sukkur  
1-4, PULAKHIM - PAKISTAN  
TEL: 011-2584187-10, 2584188  
Fax: 011-2584189  
E-mail: designmen@naqviandiddique.com

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3			THE CONSULTANT SHALL NOT BE RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT OR THE RESULTS OF THE CONSTRUCTION.								
4			THE CONSULTANT SHALL NOT BE RESPONSIBLE FOR THE MAINTENANCE OF THE PROJECT OR THE RESULTS OF THE MAINTENANCE.								
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PROPOSED TECHNOLOGY (NASTECH) PARK AT  
SUKKUR IBA UNIVERSITY, SUKKUR



PUBLIC HEALTH CONSTRUCTION DRAWINGS  
MARCH-2025

Naqvi & Siddiquie Architects – Islamabad  
JV Designmen Consulting Engineers (Pvt.) Ltd.



Designmen Consulting Engineers (Pvt.) Ltd.

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SECTOR G-8/1 ISLAMABAD  
TEL 051-2289407-10



# PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR

## CONSTRUCTION DRAWINGS SCHEDULE OF PUBLIC HEALTH DRAWING

DRG.NO	DRAWING TITLE	
	(SEWERAGE)	
01:-	SITE PLAN	SW-1
02:-	GROUND FLOOR PLAN	SW-2
03:-	1ST FLOOR PLAN	SW-3
04:-	2ND FLOOR PLAN	SW-4
	(WATER SUPPLY)	
01:-	SITE PLAN	WS-1
02:-	GROUND FLOOR PLAN	WS-2
03:-	1ST FLOOR PLAN	WS-3
04:-	2ND FLOOR PLAN	WS-4
05:-	TOP ROOF PLAN	WS-5
	(DRAINAGE)	
01:-	SITE PLAN	DR-1
02:-	GROUND FLOOR PLAN	DR-2
03:-	1ST FLOOR PLAN	DR-3
04:-	2ND FLOOR PLAN	DR-4
05:-	TOP ROOF PLAN	DR-5

NAS TECHNOLOGY PARK AT  
SUKKUR IBA UNIVERSITY

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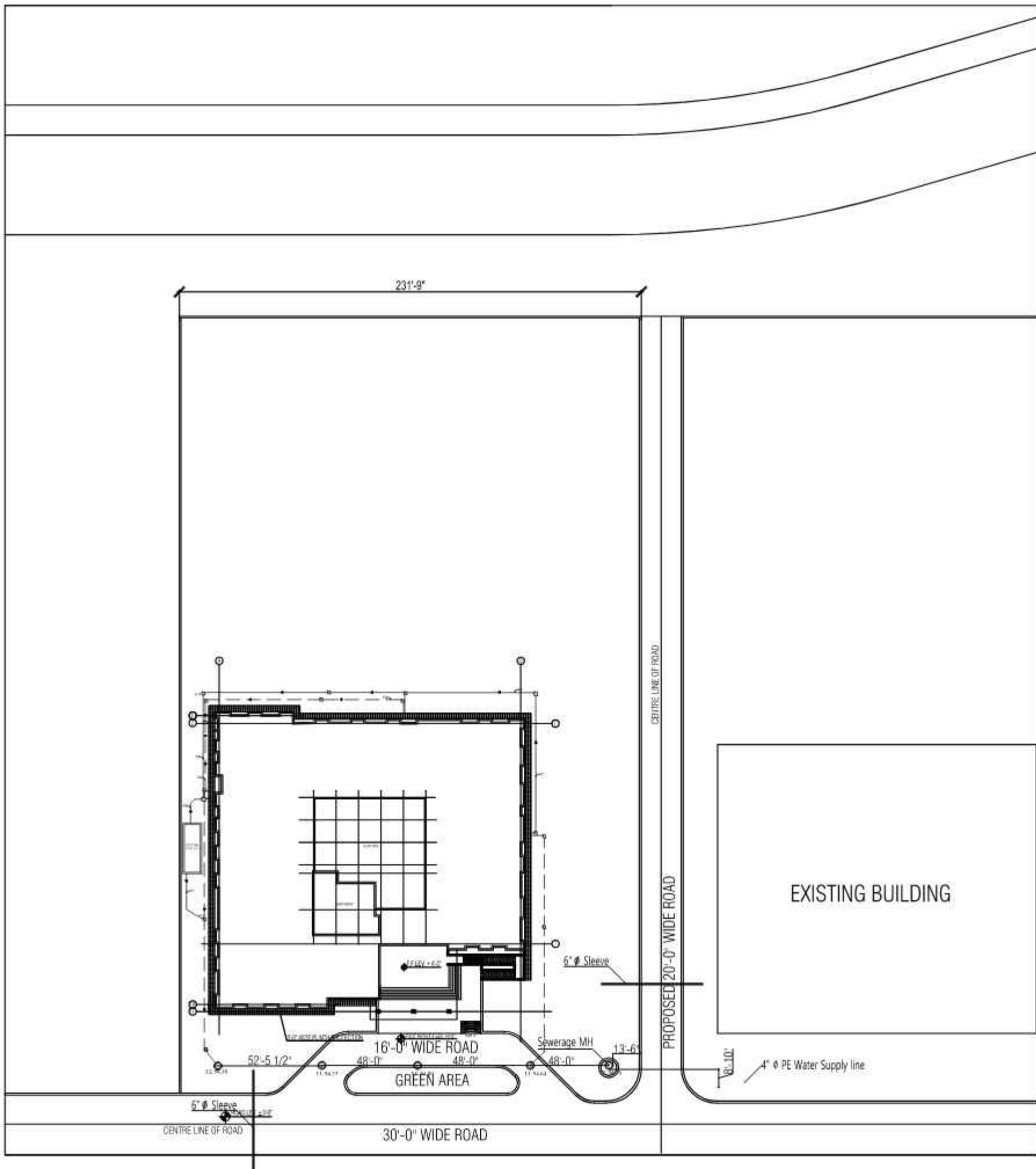


SEWERAGE  
NAS TECHNOLOGY PARK AT  
SUKKUR IBA UNIVERSITY

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SECTOR G-8/1 ISLAMABAD

TEL: 051-2289407-10

REV. NO.	DATE	REVISIONS	IMPORTANT NOTE:-	DRAWN	APPR.	CHECKED	DESIGNED	CONSTRUCTED	APPROVED	REMARKS
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PROJECT

**NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY**

DATE

01/01/2020

SCALE

1:100

REVISIONS

1.01

APP. NO.

01

DESIGNED BY

NAQVI AND SIDDIQUE

CONSTRUCTED BY

NAQVI AND SIDDIQUE

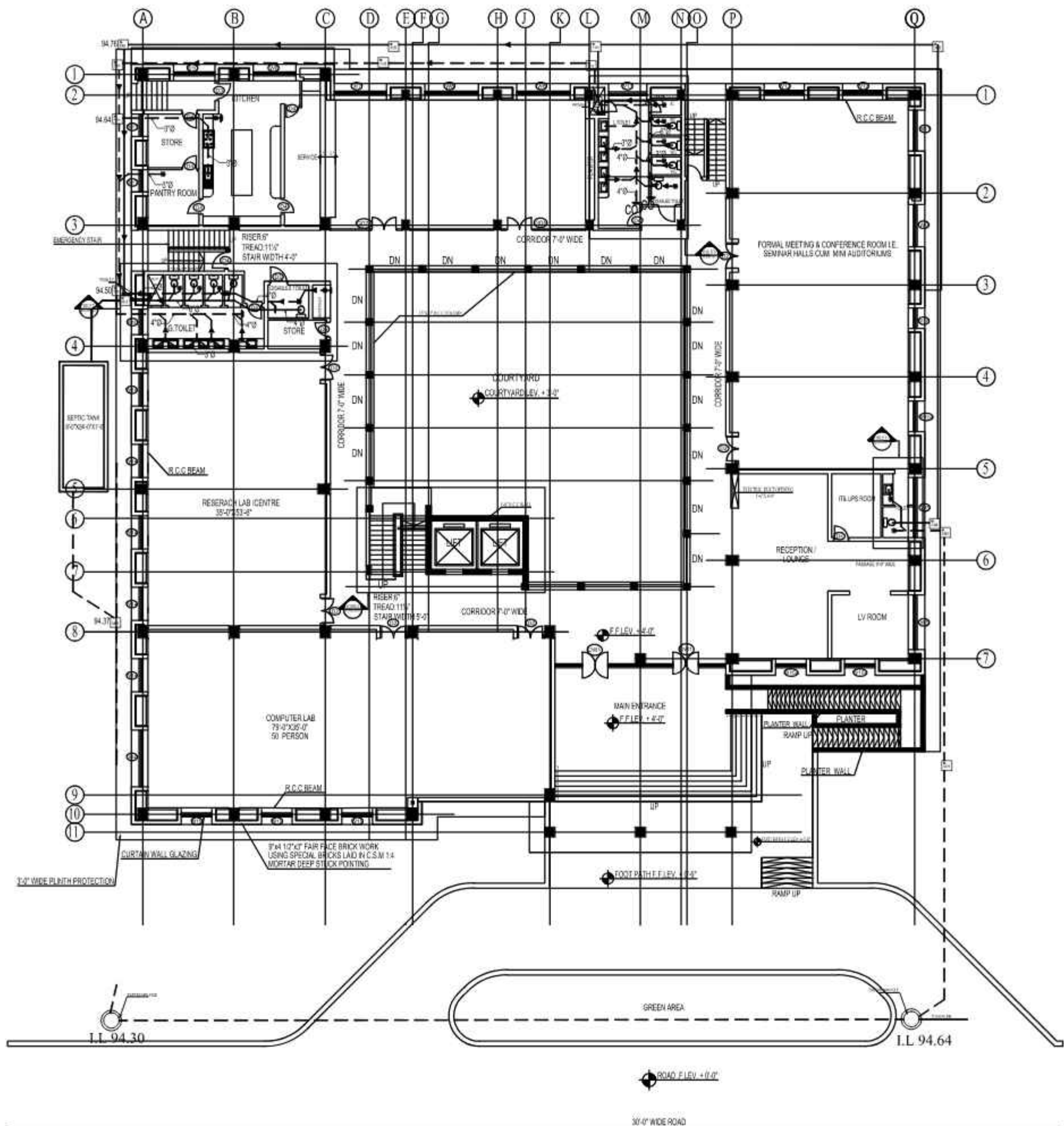
APPROVED BY

NAQVI AND SIDDIQUE

REMARKS

1.01

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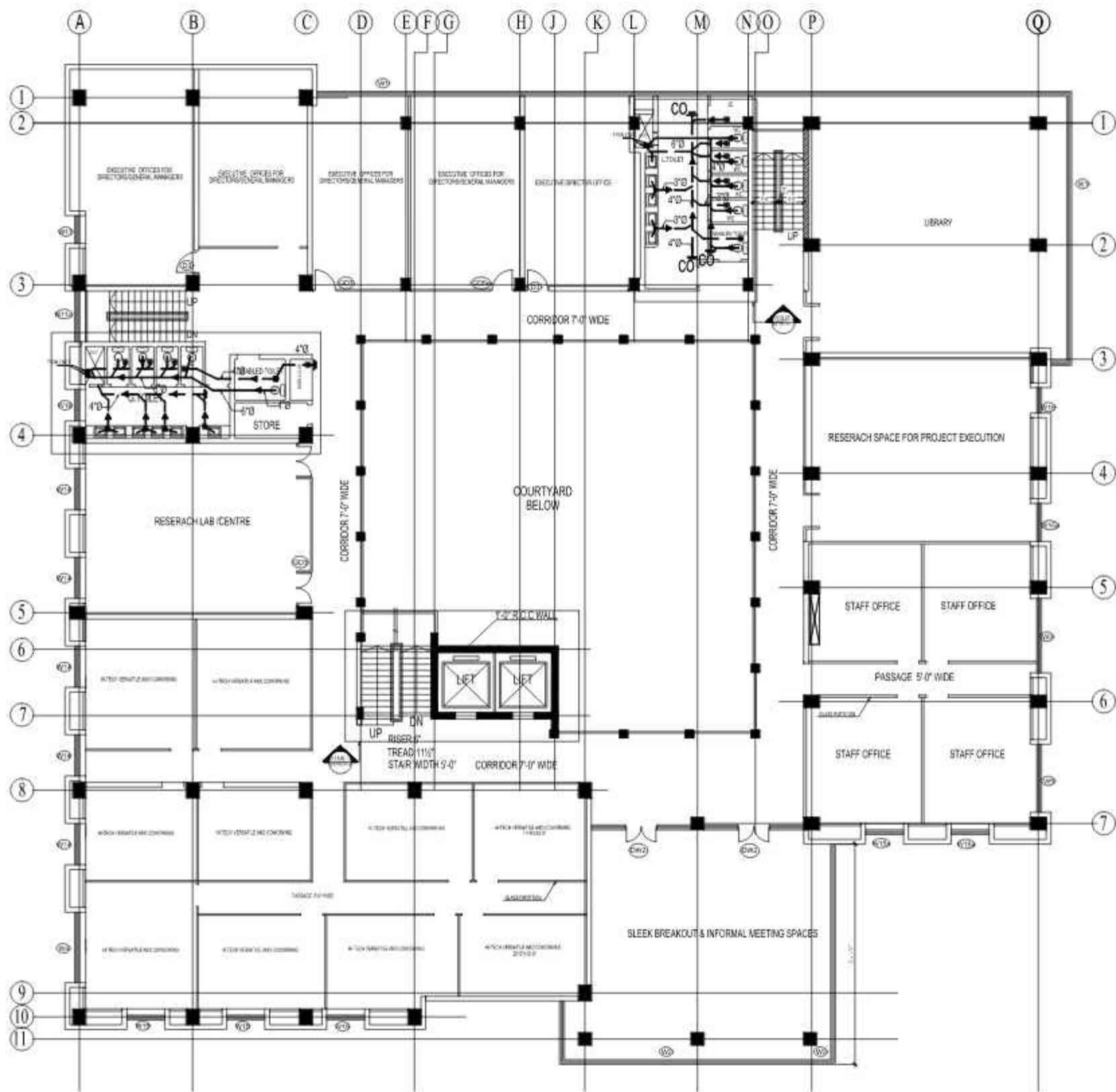
# GROUND FLOOR PLAN

CONSULTANTS  
**NAQVI AND SIDDIQUE**  
 INC. ARCHITECT & ENGINEER  
 LOWER GROUND, 1ST CENTRE  
 STREET 14 PLOT 401 Opp. TO PAKISTAN  
 POVERTY ALLEVIATION FUND OFFICE  
 SECTOR G-8/1 ISLAMABAD  
 TEL: 051-2299407-10



REV. NO.	DATE	REVISIONS	IMPORTANT NOTE:-	DRAWN	APPR.	CHECKED	DESIGNED	MODIFIED	REVISION	TITLE	TYPE OF DRAWING	DATE OF DRAWING	PROJECT	DESIGNER	DATE OF DESIGN	DATE OF APPROVAL	DATE OF SUBMISSION	DATE OF COMPLETION	DATE OF PAYMENT
1										GROUND FLOOR PLAN SEWERAGE	PUBLIC HEALTH		NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY						

LEGEND	
PLUMBING (WATER & SEWER)	---
PLUMBING (WATER & SEWER) 2	---
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# FIRST FLOOR PLAN

CONSULTANTS  
**NAQVI AND SIDDIQUE**  
 INC. ARCHITECT & ENGINEER  
 LOWER GROUND, 1ST CENTRE  
 STREET 14 PLOT 901 Opp. TO PAKISTAN  
 POVERTY ALLEVIATION FUND OFFICE,  
 SECTOR G-8/1 ISLAMABAD  
 TEL: 051-2289407-10



REV. NO.	DATE	REVISIONS	IMPORTANT NOTE:-	DRAWN	APPR.	DESIGNED	MODIFIED	DATE	TITLE	TYPE OF DRAWING	SCALE	PROJECT	DATE	BY	CHECKED	DATE	BY
1			THIS DRAWING WILL BE APPROVED BY THE ARCHITECT & ENGINEER. THE OWNER AND THE ARCHITECT & ENGINEER WILL BE RESPONSIBLE FOR THE QUALITY AND THE ACCURACY OF THE INFORMATION PROVIDED. THE ARCHITECT & ENGINEER WILL BE RESPONSIBLE FOR THE QUALITY AND THE ACCURACY OF THE INFORMATION PROVIDED. THE ARCHITECT & ENGINEER WILL BE RESPONSIBLE FOR THE QUALITY AND THE ACCURACY OF THE INFORMATION PROVIDED.						FIRST FLOOR PLAN SEWERAGE			NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY					



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SECTOR G-6/1 ISLAMABAD  
TEL: 051-2289407-10

[illegible]

WATER SUPPLY  
NAS TECHNOLOGY PARK AT  
SUKKUR IBA UNIVERSITY

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INC. ARCHITECT & ENGINEER  
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STREET#14 PLOT#61, Opp. TO PAKISTAN  
POVERTY ALLEVIATION FUND OFFICE,  
SECTOR G-8/1, ISLAMABAD  
TEL 051-2289407-10



The site plan shows a proposed building layout within a rectangular area. The overall width of the site is 231'-9". The building footprint is approximately 160'-0" wide and 100'-0" deep. The building is oriented with its long side parallel to the 16'-0" wide road. The building footprint is divided into several sections, including a central area labeled "GREEN AREA" and a section labeled "EXISTING BUILDING". The building is surrounded by a 16'-0" wide road on the north, east, and south sides. A 30'-0" wide road is located to the west of the building. A 4" PE Water Supply line runs along the south side of the building, and a 6" PE Water Supply line runs along the east side. A Sewerage MH is located near the southeast corner of the building. The plan also shows various utility lines, including a 12" water line and a 12" sewer line. The plan is dated 11/11/11 and includes a north arrow.

15

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The floor plan is a detailed architectural drawing of a building, likely a school or institutional building, featuring a grid system (A-Q, 1-11). The plan includes a kitchen, store, pantry room, G. toilet, research lab centre, computer lab, formal meeting & conference room, seminar halls, reception/lobby, and a courtyard. It also shows various corridors, stairs, and structural elements like R.C.C. beams and curtain wall glazing. A green area and a 30' wide road are shown at the bottom.

**Grid System:** A-Q (Horizontal), 1-11 (Vertical).

**Rooms and Areas:**

- KITCHEN
- STORE
- PANTRY ROOM
- G. TOILET
- RESEARCH LAB CENTRE (35' x 35' 0")
- COMPUTER LAB (70' x 35' 0") 50 PERSON
- FORMAL MEETING & CONFERENCE ROOM (15 SEMINAR HALLS CUM MINI AUDITORIUMS)
- RECEPTION / LOBBY
- TV ROOM
- L.V. ROOM
- COURTYARD (COURTYARD LEV. + 3' 0")

**Structural and Construction Details:**

- R.C.C. BEAM
- CURTAIN WALL GLAZING
- 9" x 12" x 8" FAIR FACE BRICK WORK USING SPECIAL BRICKS Laid IN C.S.M 1:4 MORTAR DEEP STUCK POINTING
- 7'-0" WIDE PLINTH PROTECTION

**Other Features:**

- STAIRS: RISER 6" TREAD 11" STAIR WIDTH 4'-0"
- CORRIDOR 7'-0" WIDE
- MAIN ENTRANCE (C.F. LEV. + 4'-0")
- ROAD (F. LEV. + 0'-0")
- GREEN AREA
- 30'-0" WIDE ROAD

CONSULTANTS:  
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STREET#14 PLOT#61 Opp. TO PAKISTAN  
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TEL 05-2208907-10

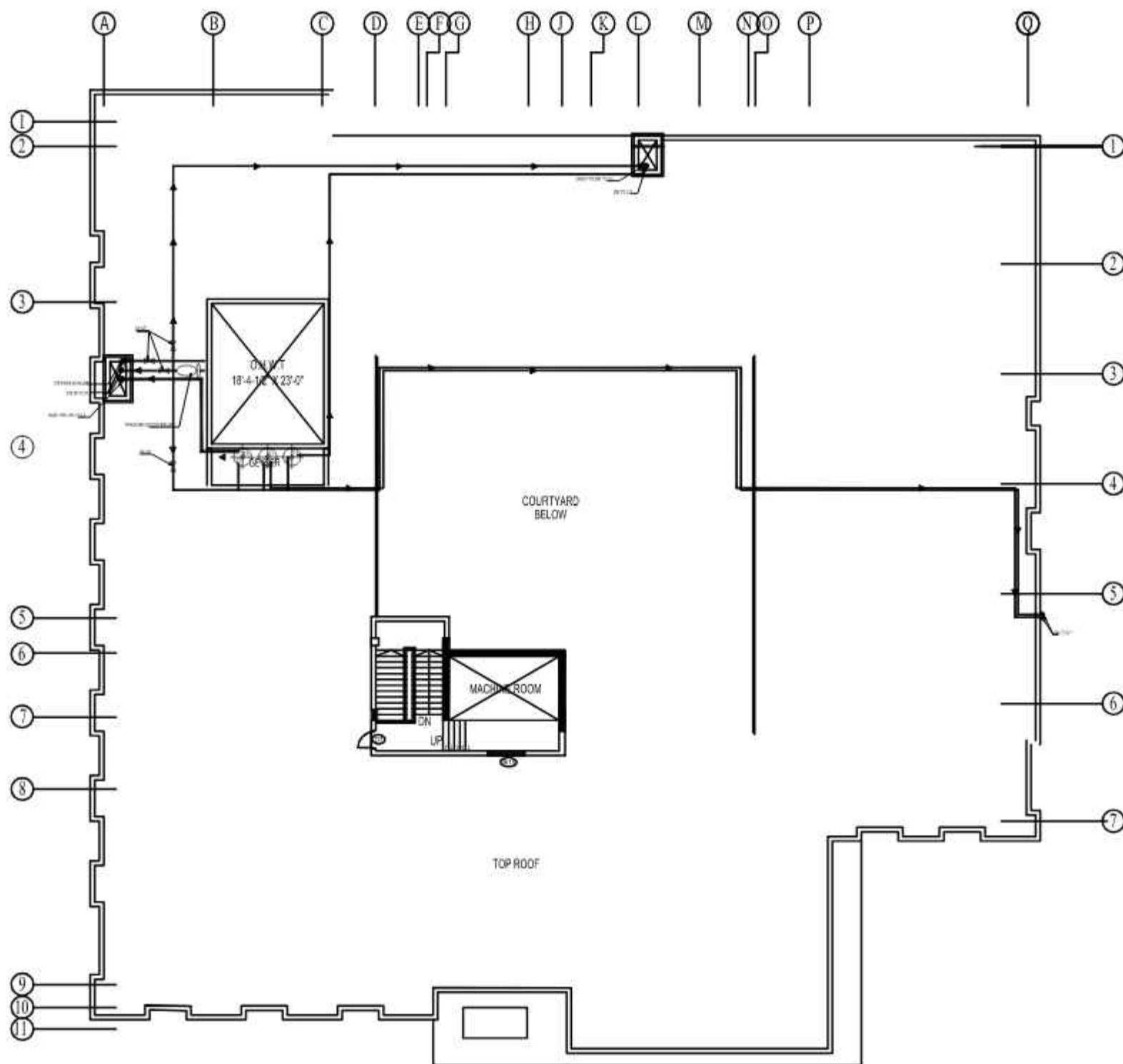
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REF. NO.	DATE	REVISION	IMPORTANT NOTES:- THE OWNER WILL APPROVE AND SIGN/STAMP CONSTRUCTION OF THIS STRUCTURE, THE OWNER AND THE ENGINEER ARE RESPONSIBLE FOR ALLITY AND SAFETY OF THE STRUCTURE, THE CONTRACTOR ENGINEER ARCHITECT IS ONLY RESPONSIBLE FOR STRUCTURAL DESIGN, ELECTRICAL AND MECHANICAL REQUIREMENTS.	DRAWN	APPR.	REVISION	REMARKS	TITLE	TYPE OF DRAWING	SHEET NO.	SHEET TOTAL	PROJECT	<div> <b>Designmen</b> ENGINEERING &amp; ARCHITECTURE PVT. LTD. 101 Phase, Block B West Western Phase, Gurgaon Sector 46, DL-00000001, PAKISTAN Mob: 99-59-200777, 2009900 Email: info@designmen.com.pk</div>	
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														COORDINATE
														SCALE
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								SECOND FLOOR PLAN WATER SUPPLY					NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY	

LEGEND	
HOT WATER RIN	
COLD WATER RIN	
RAIN / WASTE DRAIN TO CHASE	
VALVE	
REPAIRABLE ROOFING FLUP	
WATER SUPPLY	



TOP ROOF PLAN

CONSULTANTS  
**NAQVI AND SIDDIQUE**  
INC. ARCHITECT & ENGINEER  
LOWER GROUND, 1ST CENTRE  
STREET#14 PLOT#01 Opp. TO PAKISTAN  
POVERTY ALLEVIATION FUND OFFICE,  
SECTOR G-8/1 ISLAMABAD  
TEL: 051-2289407-10



REV. NO.	DATE	REVISIONS	IMPORTANT NOTE:-	DRAWN	APPR.	DESIGNED	CHECKED	DATE	APPROVED	DATE	TITLE	TYPE OF DRAWING	SCALE	PROJECT	DATE	BY	DATE	BY	DATE	BY
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DRAINAGE  
NAS TECHNOLOGY PARK AT  
SUKKUR IBA UNIVERSITY

CONSULTANTS  
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SECTOR G-8/1, ISLAMABAD  
TEL 051-2289407-10







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TEL: 051-2289407-10

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CONSULTANTS  
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LOWER GROUND, 1ST CENTRE,  
STREET#14, PLOT#61, Opp. TO PAKISTAN  
POVERTY ALLEVIATION FUND OFFICE,  
SECTOR G-6/1 ISLAMABAD  
TEL: 051-2289407-10



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REF. NO.	DATE	REVISIONS	IMPORTANT NOTE:- THE OWNER WILL APPROVE/REAPPROVE/REJECT THE CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND THE ARCHITECTOR ARE RESPONSIBLE FOR QUALITY AND STABILITY OF THE STRUCTURE. THE ARCHITECTOR'S ENGINEER/ARCHITECT IS NOT RESPONSIBLE FOR STRUCTURAL FAILURE OR ALTERATIONS OF THE BUILDING BEARING TRUSS.	DRAWN	APPR.	REVISION	DESIGNER	DESIGNER	PROJECT NO.		DATE		REVISIONS		PROJECT TITLE		PROJECT LOCATION		PROJECT OWNER	
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<div style="display: flex; justify-content: space-between;"> <div> <p>REF. NO.</p> <p>DATE</p> <p>REVISIONS</p> </div> <div> <p>PROJECT NAME:-</p> <p>THE OWNER WILL APPROVE THE CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND THE ARCHITECTOR ARE RESPONSIBLE FOR THE QUALITY AND STABILITY OF THE STRUCTURE. THE ARCHITECTOR SHALL PROVIDE ARCHITECTURAL DRAWINGS FOR THE STRUCTURE. THE ARCHITECTOR SHALL ALSO PROVIDE THE NECESSARY PERMITS.</p> </div> <div> <p>DRAWN: [Blank]</p> <p>CHECK: [Blank]</p> <p>APPR. [Blank]</p> <p>DESIGNER: [Blank]</p> <p>CHECK: [Blank]</p> <p>DATE: [Blank]</p> <p>APPROVED: [Blank]</p> </div> <div> <p>DESIGNER: [Blank]</p> <p>CHECK: [Blank]</p> <p>DATE: [Blank]</p> <p>APPROVED: [Blank]</p> </div> </div>										<div style="display: flex; justify-content: space-between;"> <div> <p>PROJECT NO. [Blank]</p> <p>PROJECT NAME [Blank]</p> <p>PROJECT ADDRESS [Blank]</p> <p>PROJECT CITY [Blank]</p> <p>PROJECT STATE [Blank]</p> <p>PROJECT ZIP [Blank]</p> <p>PROJECT PHONE [Blank]</p> <p>PROJECT FAX [Blank]</p> <p>PROJECT EMAIL [Blank]</p> </div> <div> <p>PROJECT NO. [Blank]</p> <p>PROJECT NAME [Blank]</p> <p>PROJECT ADDRESS [Blank]</p> <p>PROJECT CITY [Blank]</p> <p>PROJECT STATE [Blank]</p> <p>PROJECT ZIP [Blank]</p> <p>PROJECT PHONE [Blank]</p> <p>PROJECT FAX [Blank]</p> <p>PROJECT EMAIL [Blank]</p> </div> </div>										<div style="display: flex; justify-content: space-between;"> <div> <p>PROJECT NO. [Blank]</p> <p>PROJECT NAME [Blank]</p> <p>PROJECT ADDRESS [Blank]</p> <p>PROJECT CITY [Blank]</p> <p>PROJECT STATE [Blank]</p> <p>PROJECT ZIP [Blank]</p> <p>PROJECT PHONE [Blank]</p> <p>PROJECT FAX [Blank]</p> <p>PROJECT EMAIL [Blank]</p> </div> <div> <p>PROJECT NO. [Blank]</p> <p>PROJECT NAME [Blank]</p> <p>PROJECT ADDRESS [Blank]</p> <p>PROJECT CITY [Blank]</p> <p>PROJECT STATE [Blank]</p> <p>PROJECT ZIP [Blank]</p> <p>PROJECT PHONE [Blank]</p> <p>PROJECT FAX [Blank]</p> <p>PROJECT EMAIL [Blank]</p> </div> </div>									
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PROPOSED TECHNOLOGY (NASTECH) PARK AT  
SUKKUR IBA UNIVERSITY, SUKKUR

FIRE LIFE SAFETY  
(TENDER DRAWINGS)

CONSULTANTS  
**NAQVI AND SIDDIQUIE**  
INC. ARCHITECT & ENGINEER  
LOWER GROUND, I&T CENTRE,  
STREET#14, PLOT#61, Opp. TO PAKISTAN  
POVERTY ALLEVIATION FUND OFFICE,  
SECTOR G-8/1, ISLAMABAD  
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# LIST OF DRAWINGS

S.No.	TITLE	DWG.No.
01:-		FLS-00
02:-	GROUND FLOOR FIRE DETECTION	FLS-01
03:-	FIRST FLOOR PLAN FIRE DETECTION	FLS-02
04:-	SECOND FLOOR FIRE DETECTION	FLS-03
05:-		FLS-04
06:-		FLS-05
07:-	SITE PLAN EGRESS	FLS-06
08:-	GROUND FLOOR EGRESS PLAN	FLS-07
09:-	FIRST FLOOR PLAN EGRESS PLAN	FLS-08
10:-	SECOND FLOOR EGRESS PLAN	FLS-09
11:-		FLS-10
12:-		FLS-11
13:-		FLS-12



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# FIRE DETECTION & EQUIPMENT



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# FIRE FIGHTING GENERAL NOTES:-

## 1. CODE & BUILDING CLASSIFICATION:

1.1 PROPOSED BUILDING NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY  
Building Classification As per CDA Building Standard For Fire

Prevention and Life Safety Code 2010 Building Fall in Group EDUCATIONAL BUILDING B-2 ABOVE 15M BUT NOT EXCEEDING 30M IN HEIGHT..

1.2 PROPOSED BUILDING NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY

.Has Been designed to meet the following codes.

- Ø CDA Building Standards for Fire Prevention and Life safety 2010.
- Ø NFPA 2015 code
- Ø Fire Safety Provisions Building Code of Pakistan 2016.

### NFPA Standards/Codes

- NFPA 10, Standard for Portable Fire Extinguishers, 2013 edition.
- NFPA 14, Standard for the Installation of Standpipe and Hose Systems, 2013 edition.
- NFPA 20, Standard for the Installation of Stationary Pumps for Fire Protection, 2013 edition
- NFPA 22, Standard for Water Tanks for Private Fire Protection, 2013 edition.
- NFPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems, 2014 edition.
- NFPA 70, National Electrical Code, 2014 edition.
- NFPA72, National Fire Alarm and Signaling Code, 2013 edition.
- NFPA 88A, Standard for Parking Structures, 2015 edition.
- NFPA 90A, Standard for the Installation of Air-Conditioning and Ventilating Systems, 2015 edition.
- NFPA 90B, Standard for the Installation of Warm Air Heating and Air-Conditioning, Systems, 2015 edition.
- NFPA 92, Standard for Smoke Control Systems, 2012 edition.
- NFPA 101, Life Safety Code, 2015 edition.
- NFPA 110, Standard for Emergency and Standby Power Systems, 2013 edition.
- NFPA 204, Standard for Smoke and Heat Venting, 2012 edition.
- NFPA 220, Standard on Types of Building Construction, 2015 edition.
- NFPA 221, Standard for High Challenge Fire Walls, Fire Walls & Fire Barrier Walls, 2015 edition.

AS PER CDA REQUIREMENTS.

AS PER TABLE NO 23 PAGE NO 65 (CDA FIRE & LIFE SAFETY PREVENTION CODE 2010) CATEGORY OF BUILDING :-  
Group GROUP EDUCATIONAL BUILDING B-2.

Description	REQUIRED	NOT REQUIRED	PROVIDED
FIRE EXTINGUISHER	REQUIRED		PROVIDED
HOSE REEL	REQUIRED		PROVIDED
WET RISER		NOT REQUIRED	NOT PROVIDED
DRY RISER		NOT REQUIRED	NOT PROVIDED
DOWN COMER	REQUIRED		PROVIDED
AUTOMATIC SPRINKLER		NOT REQUIRED	NOT PROVIDED
MCB, FIRE ALARM	REQUIRED		PROVIDED
AUTOMATIC DETECTION SYSTEM	REQUIRED		PROVIDED
SIGNAGE /EGRESS	REQUIRED		PROVIDED
EMERGENCY LIGHT	REQUIRED		PROVIDED
U.G.W.T		NOT REQUIRED	NOT PROVIDED
TERRACE TANK 25,000LTR	REQUIRED		PROVIDED
TERRACE TANK PUMP(900LPM)	REQUIRED		PROVIDED
U.G.W.T PUMP (MAIN PUMP 2280 LPM, JOCKEY 180 LMP)		NOT REQUIRED	NOT PROVIDED

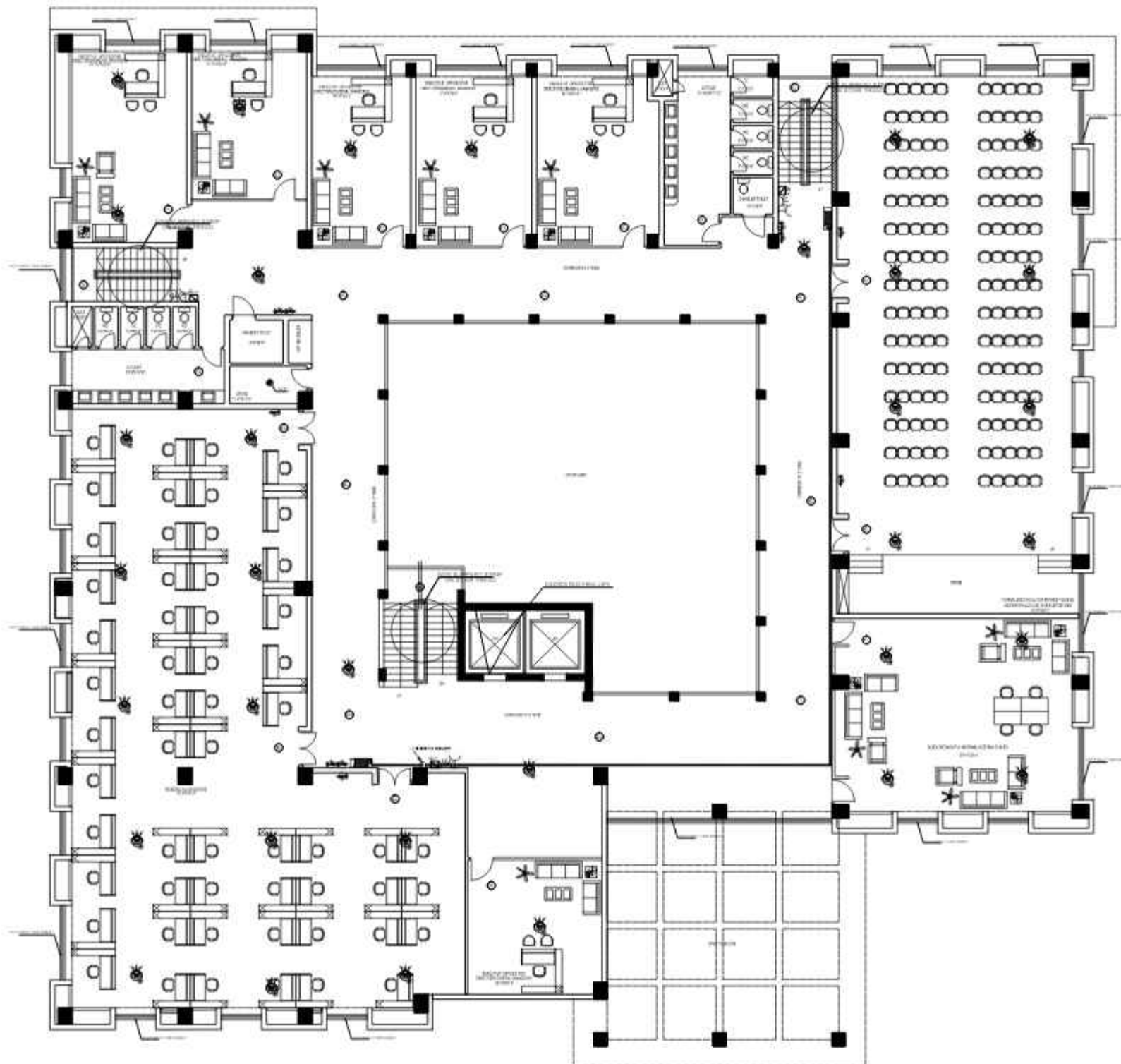
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									FIRE LIFE SAFETY	TENDER							



MECHANICAL SYMBOLS AND ABBREVIATIONS	
EMERGENCY LIGHT	EL
CARBON DIOXIDE CO2 EXTINGUISHER	
POWDER EXTINGUISHER	
FIRE BLANKET	
FIRE HOSE REEL	
SMOKE DETECTOR	
MANUAL GLASS BREAK	MGB
HOOTER	
FLASHER	
DCP	



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PROJECT:

NAS TECHNOLOGY PARK AT  
 SIKSAR IBA UNIVERSITY

SCALE

DATE

DWG. NO.

REV. NO.

REVISION

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TITLE	
FIRST FLOOR PLAN FIRE DETECTION & EQUIPMENT	
TYPE OF DRAWING	DATE OF ISSUE
FIRE LIFE SAFETY	TENDER

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## FIRE ALARM SINGLE LINE DRAWING

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			THE OWNER WILL APPOINT SUPERVISOR FOR CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND THE SUPERVISOR ARE RESPONSIBLE FOR QUALITY AND STABILITY OF BUILT STRUCTURE. THE STRUCTURE ENGINEER/ARCHITECT IS ONLY RESPONSIBLE FOR STRUCTURAL/ARCHITECTURAL DESIGN OF THE BUILDING, RESPECTIVELY.				THE ORIGINAL OF THIS DRAWING IS THE EXCLUSIVE PROPERTY OF DESIGNER AND THE ACCEPTANCE OF THIS PRINT CONSTITUTES AN AGREEMENT THAT IT WILL BE TREATED AS A CONFIDENTIAL DOCUMENT TO BE USED FOR NO PURPOSE OTHER THAN AS EXPRESSLY DECIDED / ALLOWED BY DESIGNER. THESE DRAWINGS ARE NOT TO BE COMMUNICATED, DISCLOSED, COPIED OR PUBLISHED EXCEPT AS EXPRESSLY AUTHORIZED IN WRITING BY DESIGNER.	FIRE ALARM SINGLE LINE DRAWING			NAQVI AND SIDDIQUIE					

# EGRESS PLAN

## (TENDER DRAWINGS)



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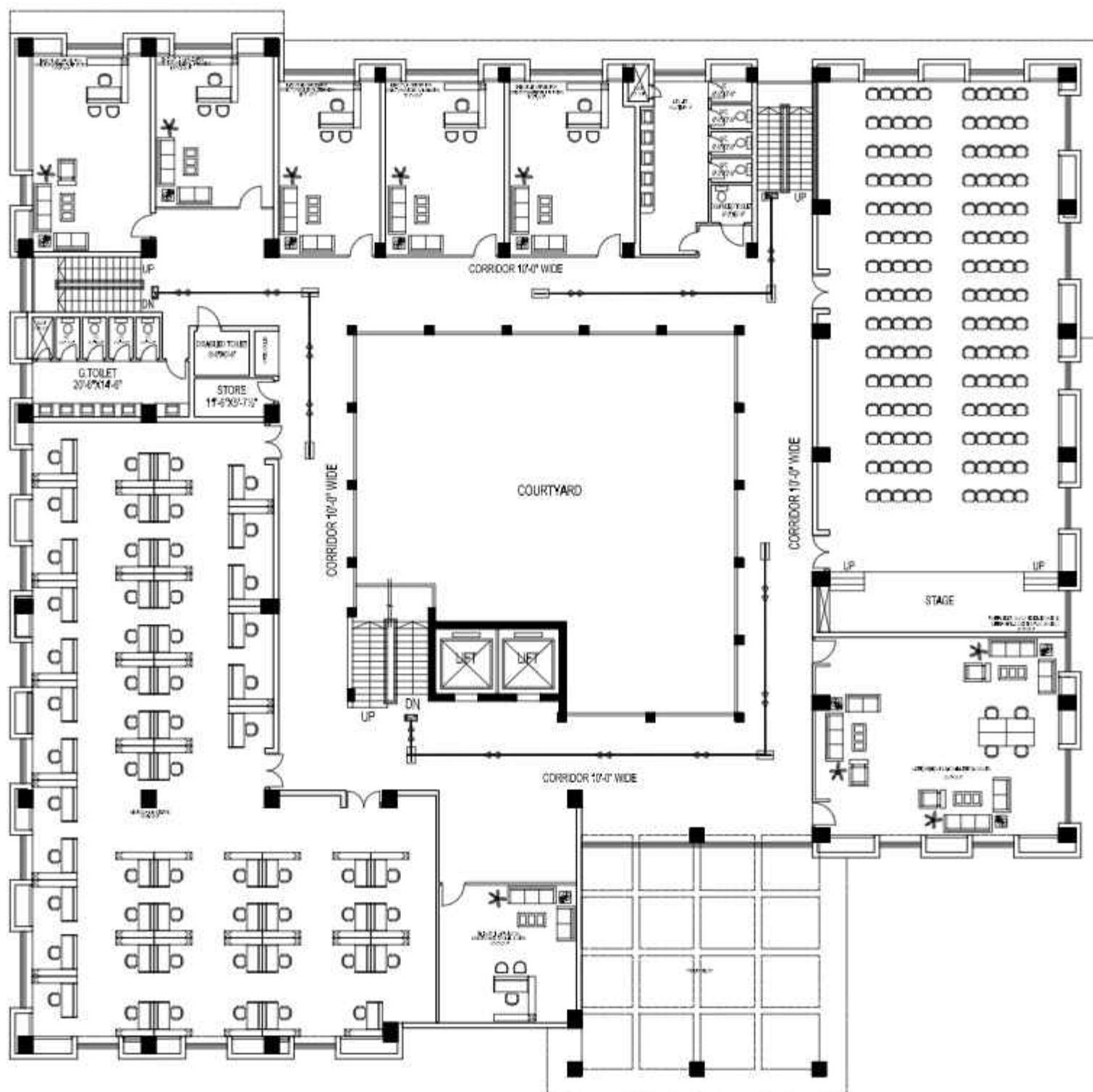


This architectural floor plan depicts a building layout with a central courtyard. The plan includes the following rooms and features:

- Top Left:** A kitchen area with a sink, stove, and refrigerator, labeled "KITCHEN 10'0"X10'0"". Below it is a "PANTRY ROOM 10'0"X11'11"".
- Top Center:** A large open area with several rows of tables and chairs, labeled "DINING 30'0"X30'0"".
- Top Right:** A "RESTROOM 10'0"X11'0"" and an "EMERGENCY STAIR".
- Middle Left:** A "TOILET 22'0"X14'6"", a "DOUBLED TOILET 8'0"X6"", and a "STORE 11'6"X5'7 1/2"".
- Middle Center:** A large "COURTYARD" with a "CORRIDOR 10'0" WIDE" and "CORRIDOR 10'0" WIDE" surrounding it. A "CORRIDOR 10'0" WIDE" also runs along the left side of the courtyard.
- Middle Right:** A "LOUNGE 20'0"X30'0"" and a "TV ROOM 10'0"X20'0"".
- Bottom Left:** A large "COMPUTER LAB 79'0"X35'0" 55 PERSON" with many rows of computer workstations.
- Bottom Center:** A "RESTROOM 10'0"X11'0"" and a "TOILET 8'0"X6"".
- Bottom Right:** A "LOUNGE 20'0"X30'0"" and a "TV ROOM 10'0"X20'0"".
- Other Features:** A "RECEPTION CENTER 10'0"X10'0"" is located near the top left. A "STAIR" is located near the top center. A "STAIR" is also located near the bottom center. A "STAIR" is located near the bottom right. A "STAIR" is located near the bottom left.

[illegible]

	HOUSE ALARM PUSH BUTTON
	FIRE EXTINGUISHER
	ILLUSTRATION EMERGENCY EXIT STORAGE
	FIRE HOSE REEL CABINET
	NO SMOKING
	DENOTES DOOR AS AN EMERGENCY EXIT
	FIRE ACTION PLAN
	FIRE RESCUE / FIRST AID BOX
	DENOTES PATHS OF EXIT TRAVEL



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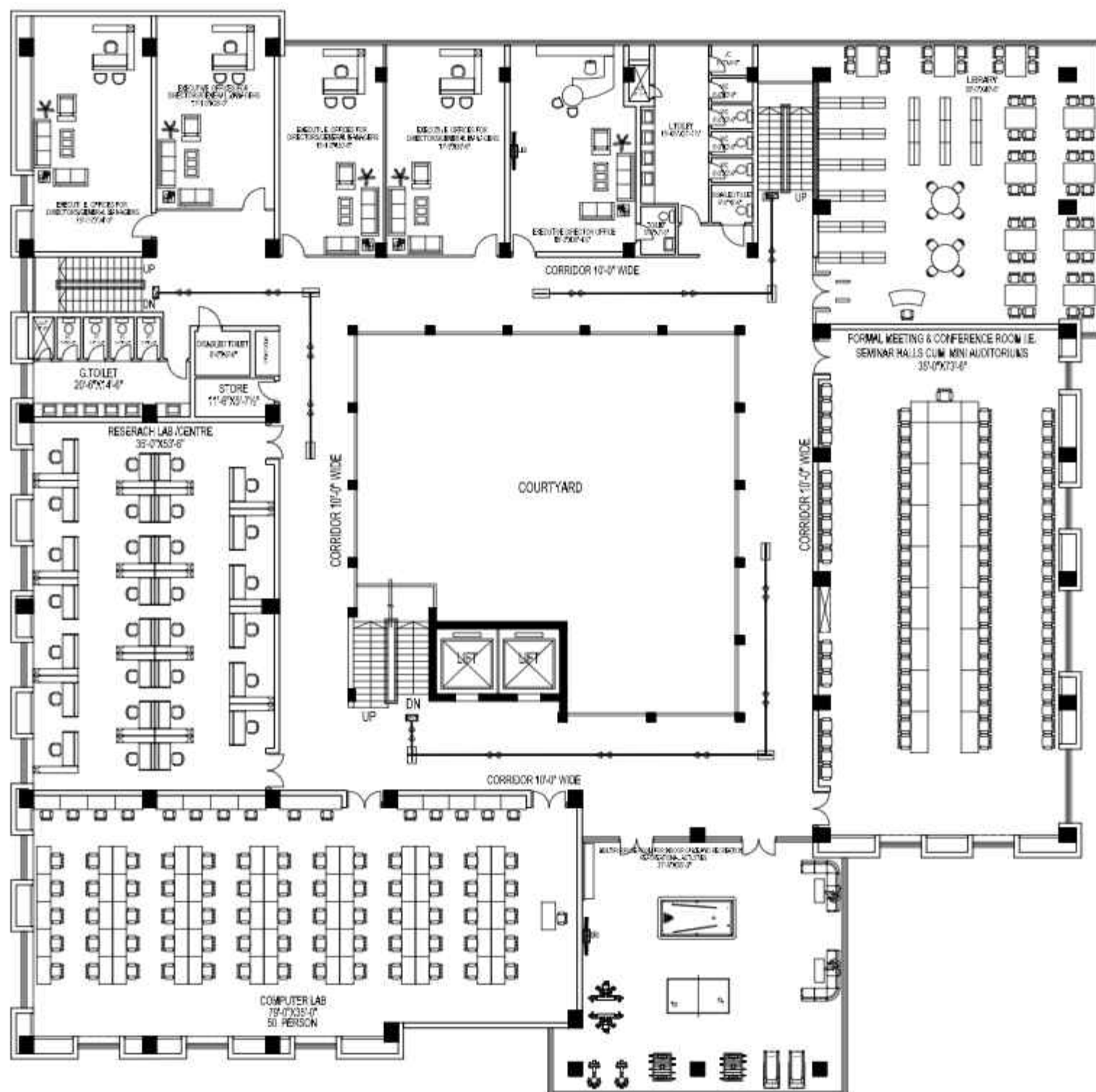
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PROJECT: NAS TECHNOLOGY PARK AT  
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SCALE: DATE: DWG. NO. PLS-08

	HOUSE ALARM PUSH BUTTON
	FIRE EXTINGUISHER
	ILLUMINATION EMERGENCY EXIT STORAGE
	FIRE HOSE REEL CABINET
	NO SMOKING
	DENOTES DOOR AS AN EMERGENCY EXIT
	FIRE ACTION PLAN
	FIRE RESCUE / FIRST AID BOX
	DENOTES PATHS OF EXIT TRAVEL



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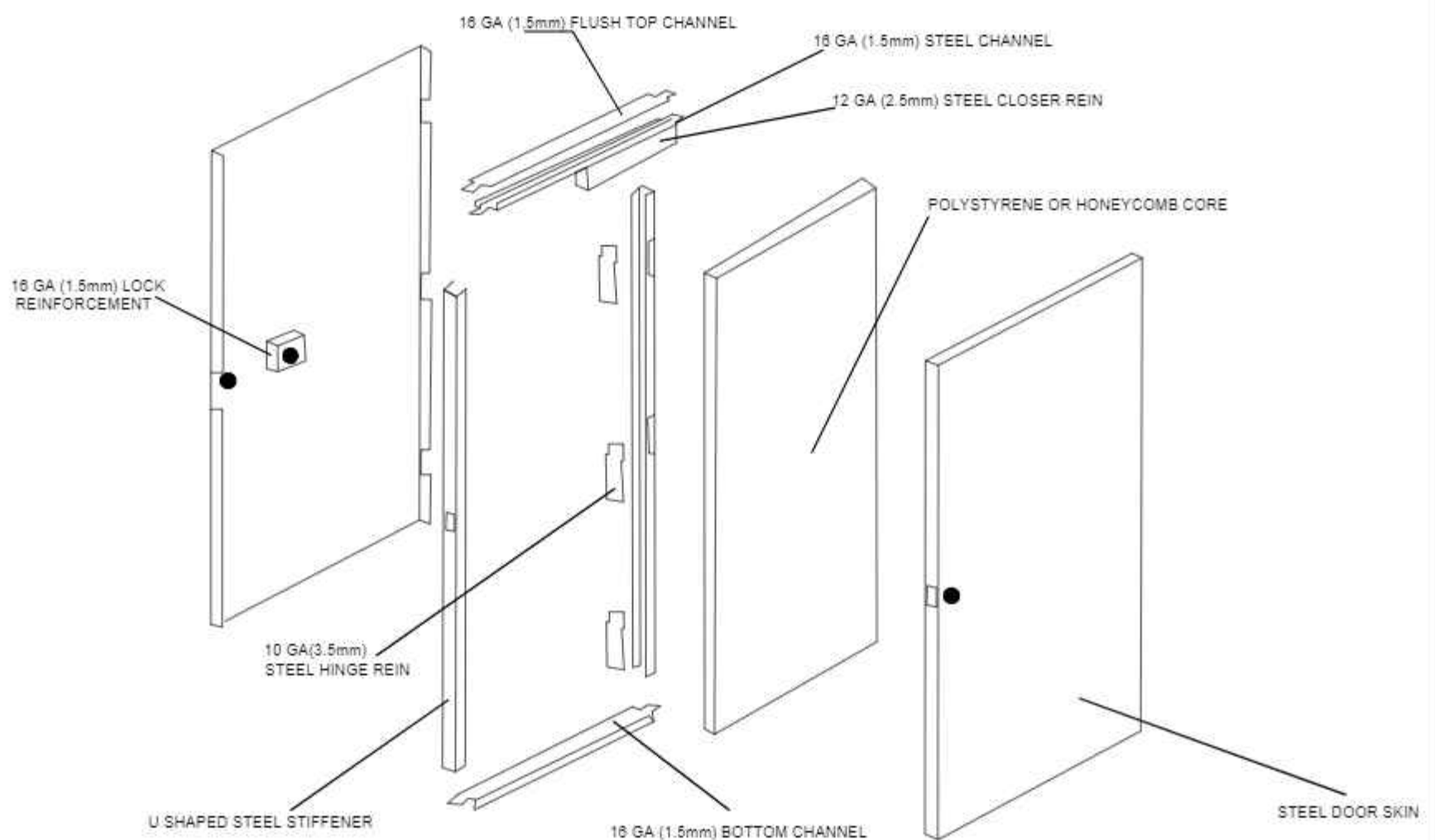


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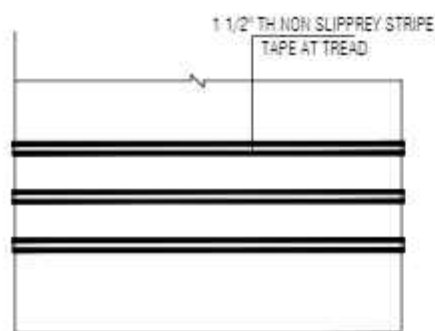


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SCALE:		DATE:		DRAWING NO.:	
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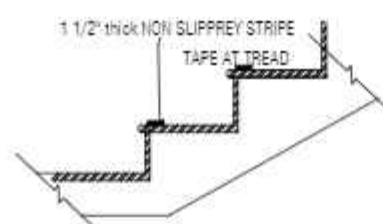




FIRE DOOR DETAIL

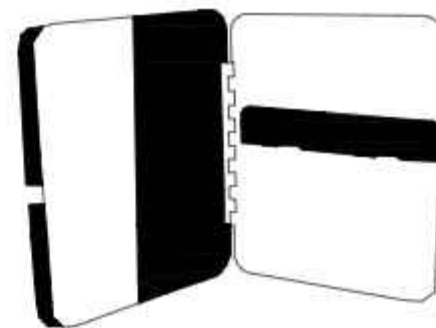


PLAN



SECTION  
TYP STAIR NON SLIPPREY STRIPE

NON SLIPPREY STRIPE STAIR DETAIL



FIRST AID MANUAL, BANDAGE, ADHESIVE TAPE, GLOVES, ELASTIC BANDAGE, SCISSORS, ETC  
MEDICINE, IODINE, STICKING PLASTER

METAL RESCUE BOX FIRST AID

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									PROJECT: NAS TECHNOLOGY PARK AT SUBULI IBA UNIVERSITY		
									SCALE: DATE: DWG NO: RS-12		