



SUKKUR IBA UNIVERSITY

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

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

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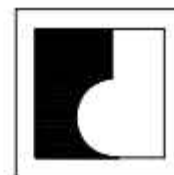
JV Member
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NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY

TENDER DRAWINGS



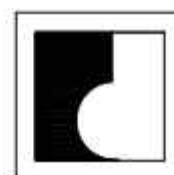
MAIN CONSULTANTS
NAQVI AND SIDDIQUIE
INC. ARCHITECT & ENGINEER
LOWER GROUND, I&T CENTRE,
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NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY

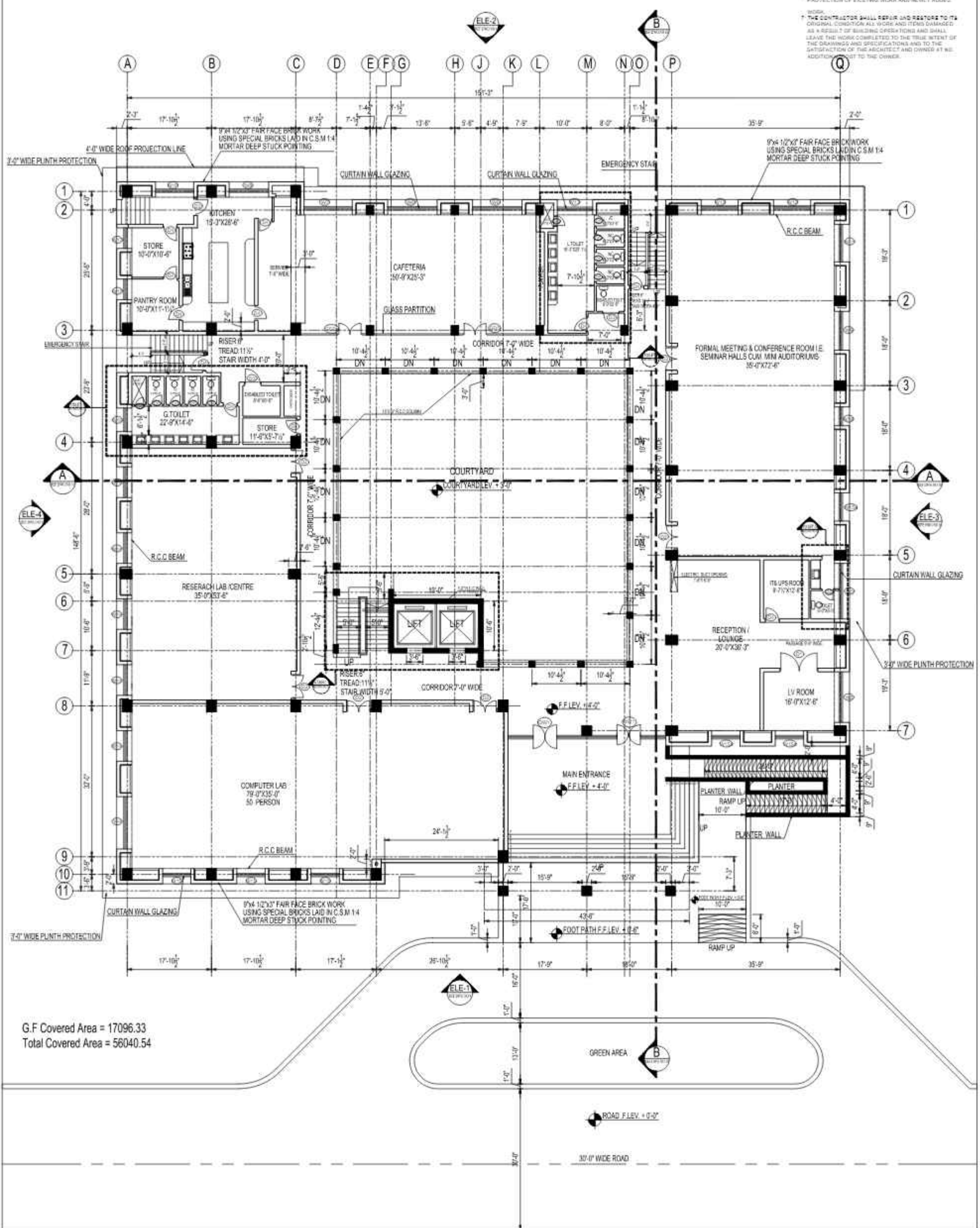
TENDER DRAWINGS SCHEDULE OF ARCHITECTURAL DRAWING

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)		

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- GENERAL NOTES**
1. CONSTRUCT ALL DIMENSIONS WITH CONSTRUCTION BOUNDARY DIMENSIONS AND SPACING DIMENSIONS.
 2. ALL DIMENSIONS SHALL BE THE PROPORTION DIMENSIONS UNLESS OTHERWISE NOTED.
 3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION BOUNDARY DIMENSIONS AND SPACING DIMENSIONS.
 4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CONSTRUCTION BOUNDARY DIMENSIONS AND SPACING DIMENSIONS.
 5. ALL UTILITIES OF EXISTING BUILDING DESIGN AND CONSTRUCTION SHALL BE MAINTAINED AND NOT REMOVED BY THE CONSTRUCTION OF THE CONSTRUCTION BOUNDARY DIMENSIONS AND SPACING DIMENSIONS.
 6. THE CONSTRUCTION SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND SURROUNDING WORK.
 7. THE CONSTRUCTION SHALL MAINTAIN AND RESTORE TO ITS ORIGINAL CONDITION ALL WORK AND SURROUNDING WORK AS A RESULT OF THE CONSTRUCTION OF THE CONSTRUCTION BOUNDARY DIMENSIONS AND SPACING DIMENSIONS.

[illegible]

- 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 HIS ADDITIONAL COST TO THE OWNER.



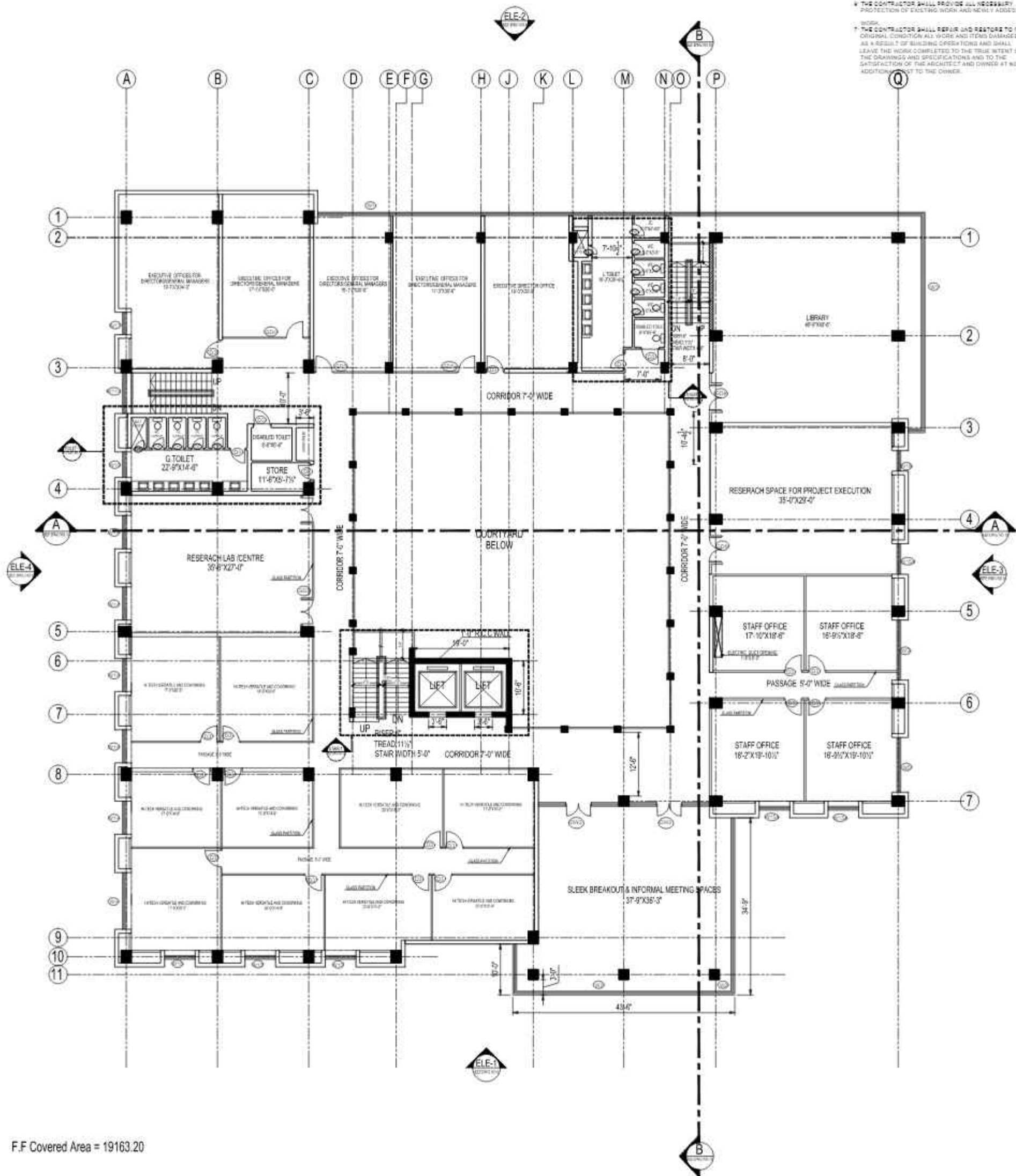
G.F Covered Area = 17096.33
Total Covered Area = 58040.54

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					

2. **NUMERICAL DIMENSIONS SHALL TAKE PRECEDENCE OVER** SCALE OF DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DIMENSIONS SHOWN IN THE DRAWINGS. DIMENSIONS 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 EMPLOYED BY THE OWNER.
4. **ALL WORK SHALL BE DONE IN ACCORDANCE WITH** CURRENT CODES AND STANDARDS.
5. **ALL MATTERS OF COLOUR, TEXTURE, DESIGN AND INTERPRETATIONS OF DRAWINGS MUST BE REFERRED BY THE CONTRACTOR TO THE CONSULTANT EMPLOYED BY THE OWNER.** THE CONTRACTOR SHALL NOT INADEQUATELY COVERED IN DRAWINGS.
6. **THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND NEWLY ADDED WORK.**

SECTION 10.00

10.01 **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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SATISFACTION OF THE ARCHITECT AND OWNER AT THE COMPLETION OF THE WORK. ADDITIONAL WORK SHALL NOT BE THE OWNER'S RESPONSIBILITY.**



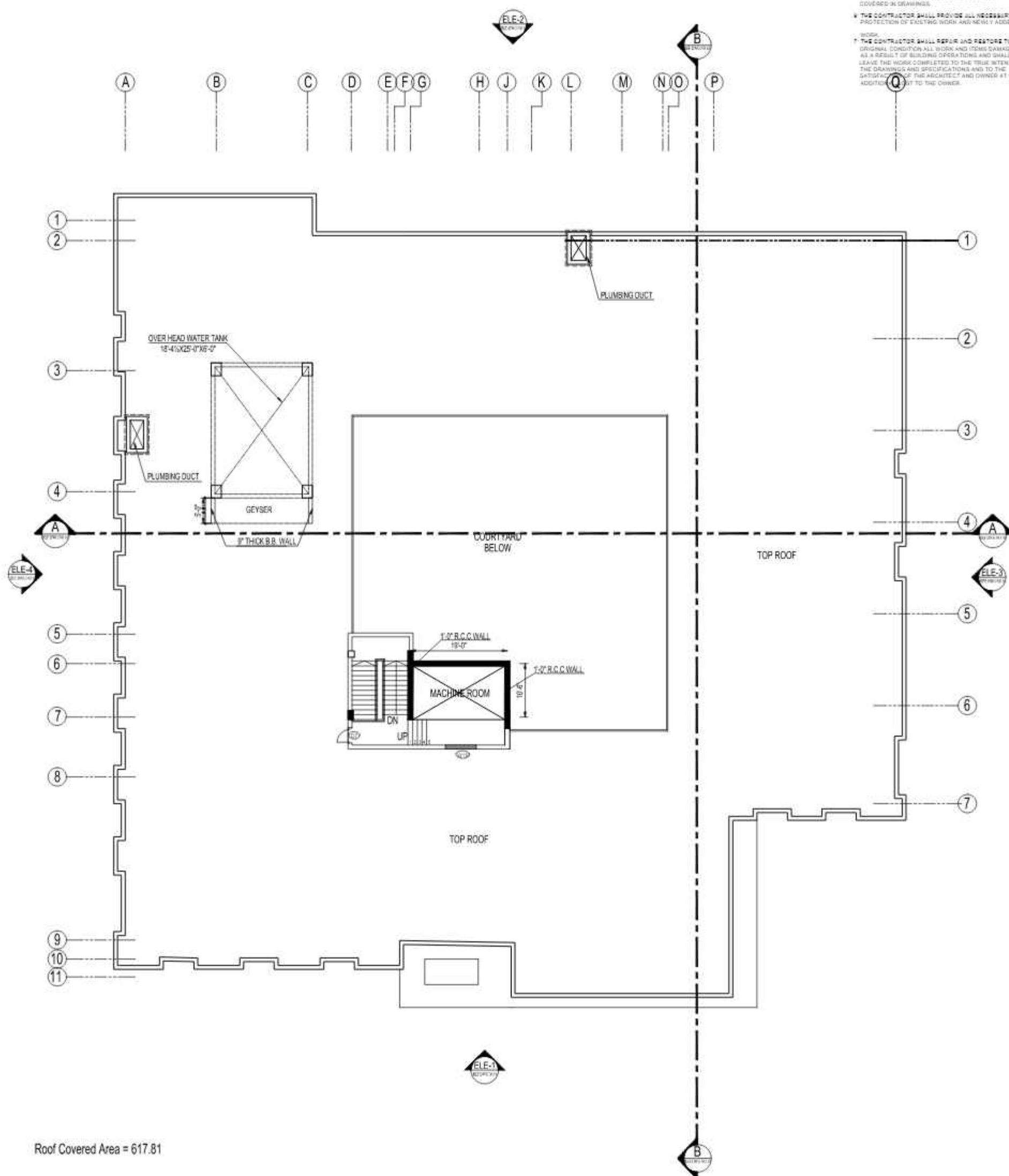
F.F Covered Area = 19163.20

[illegible]

[illegible][illegible]

- 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 SETTLED 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.

2.3.1 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 CHIEF AT THE ADDRESS OF THE PROJECT.



Roof Covered Area = 617.81

WORKING DRAWING	NO.	REVIZIJA	DATE	BY	PLAN		PROJEKT SUKUR IBA UNIVERSITY	PROJEKT TITLE NAS TECHNOLOGY PARK AT SUKUR IBA UNIVERSITY	BLAZING TITLE ROOF PLAN	PROJEKT ADRESA OFFICER: NABUUR DATA SIKKAT	COMPETENT NABUUR DATA SIKKAT		PROJEKT ADRESA SUKUR IBA UNIVERSITY
											COMPETENT NABUUR DATA SIKKAT		PROJEKT ADRESA SUKUR IBA UNIVERSITY

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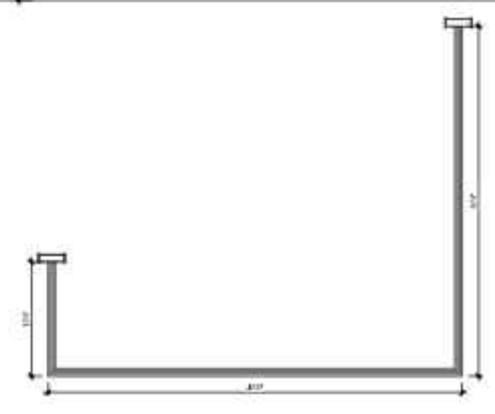
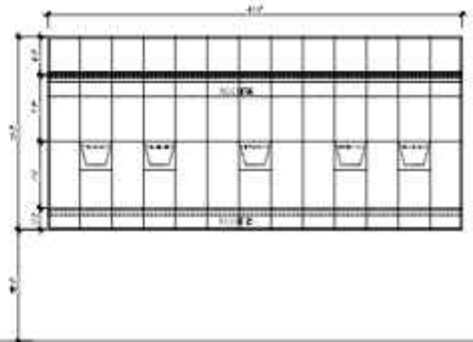
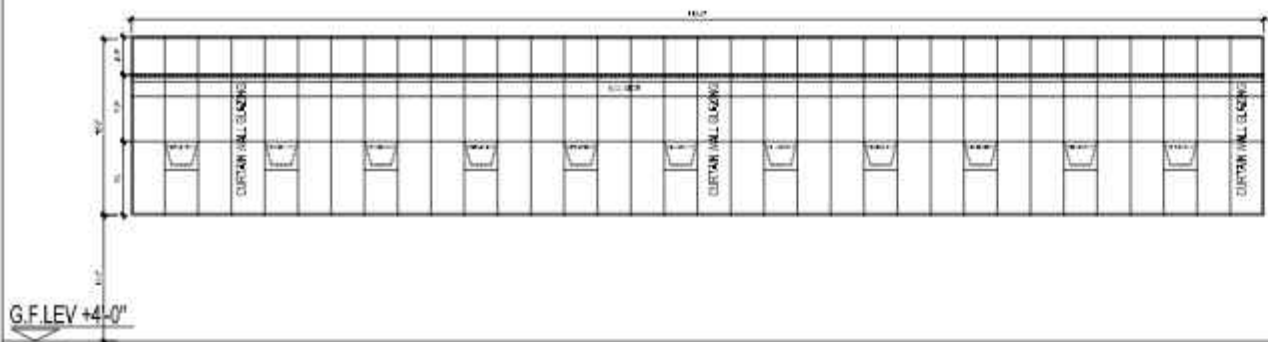
WORKING DRAWING	NO.	REVISED	DATE	BY PLAN	PROJECT	PROJECT TITLE	DRAWING TITLE	PROJECT ARCHITECT	DESIGNER	CHECKER	DATE	SCALE	PROJECT NO.
					SUKKUR IBA UNIVERSITY	NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY	ELEVATION 1.2						

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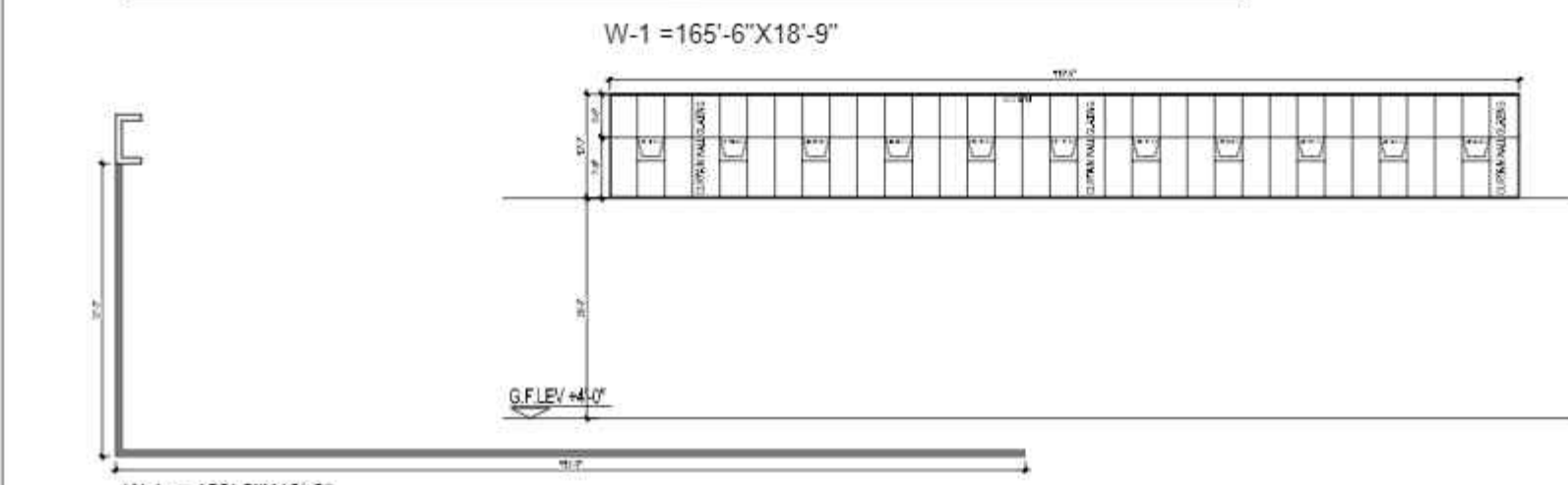
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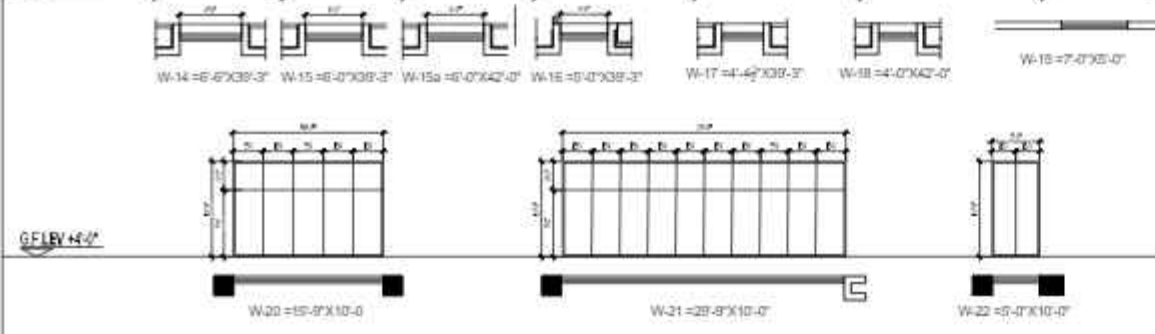
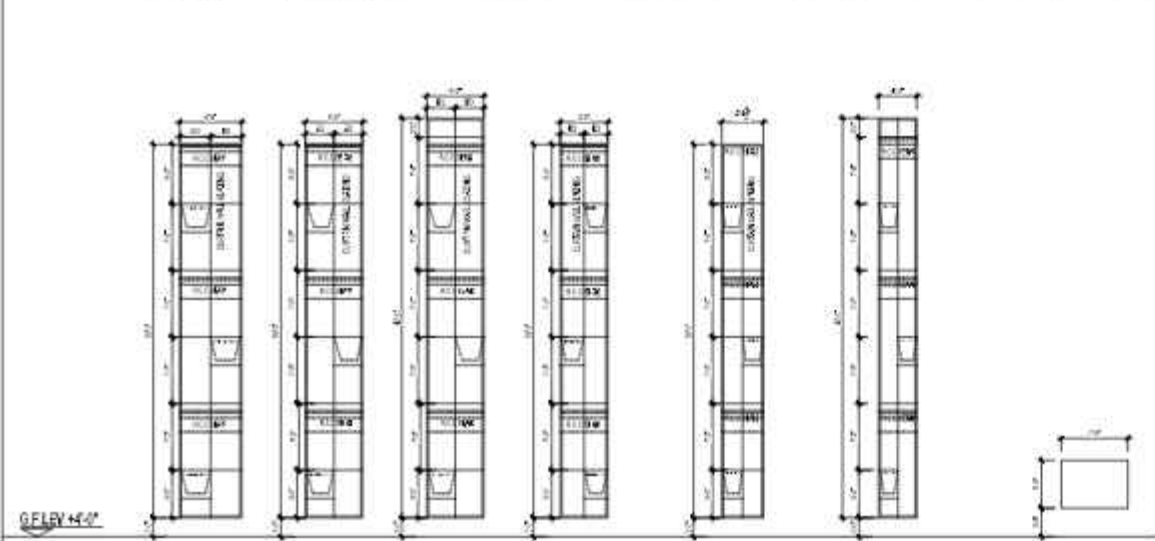
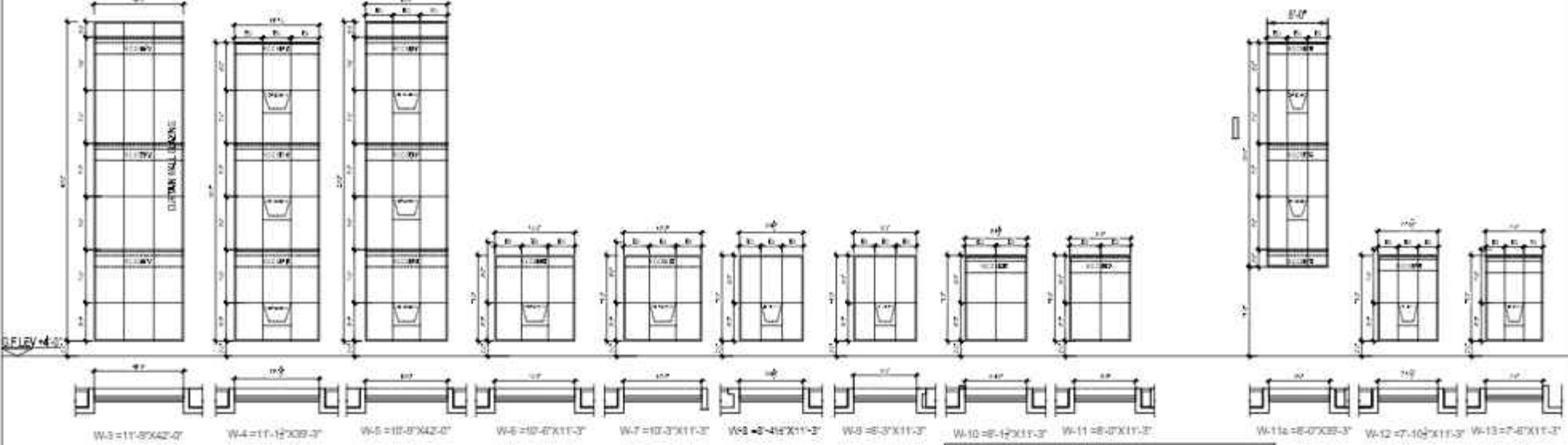
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W-2 = 92'-5"X20'-3"



W-1a = 153'-2"X13'-3"



S.NO	TYPE	WIDTH	HEIGHT	GLASS	TYPE
1	W1	165'-6"	18'-9"	2"	ALUMINUM FRAME WINDOW CURTAIN WALL GLAZING
2	W1a	153'-2"	13'-3"	2"	"
3	W2	92'-5"	20'-3"	2"	"
4	W3	11'-8"	42'-0"	2"	"
5	W4	11'-12"	39'-3"	2"	"
6	W5	15'-8"	42'-0"	2"	"
7	W6	15'-8"	11'-3"	2"	"
8	W7	10'-3"	11'-3"	2"	"
9	W8	8'-4"	11'-3"	2"	"
10	W9	8'-3"	11'-3"	2"	"
11	W10	8'-12"	11'-3"	2"	"
12	W11	8'-0"	11'-3"	2"	"
13	W12	7'-10"	11'-3"	2"	"
14	W13	7'-8"	11'-3"	2"	"
15	W14	6'-6"	39'-3"	2"	"
16	W15	6'-0"	39'-3"	2"	"
17	W16	6'-0"	42'-0"	2"	"
18	W17	4'-4"	39'-3"	2"	"
19	W18	4'-0"	42'-0"	2"	"
20	W19	7'-0"	5'-0"	2"	"
21	W20	15'-8"	10'-0"	2"	"
22	W21	29'-8"	10'-0"	2"	"
23	W22	5'-0"	10'-0"	2"	"

- GENERAL NOTES**
- COORDINATE ALL DIMENSION 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.
 - 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 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.



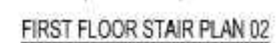
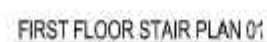
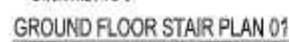
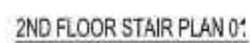
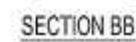
1. COORDINATE ALL DIMENSIONS WITH CONSULTANT/EMPLOY DRAWINGS AND SPECIFICATIONS.
2. NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER SCALED DRAWINGS. FOR THIS PROJECT THE DRAWINGS SHOULD BE READ IN INCH AND FEET.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE. UNDISCLOSED AND/OR VARIATIONS SHALL 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 PROJECT SITE FREE TO THE PRESENT STATE OF THE DRAWINGS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE OWNER.



A-11

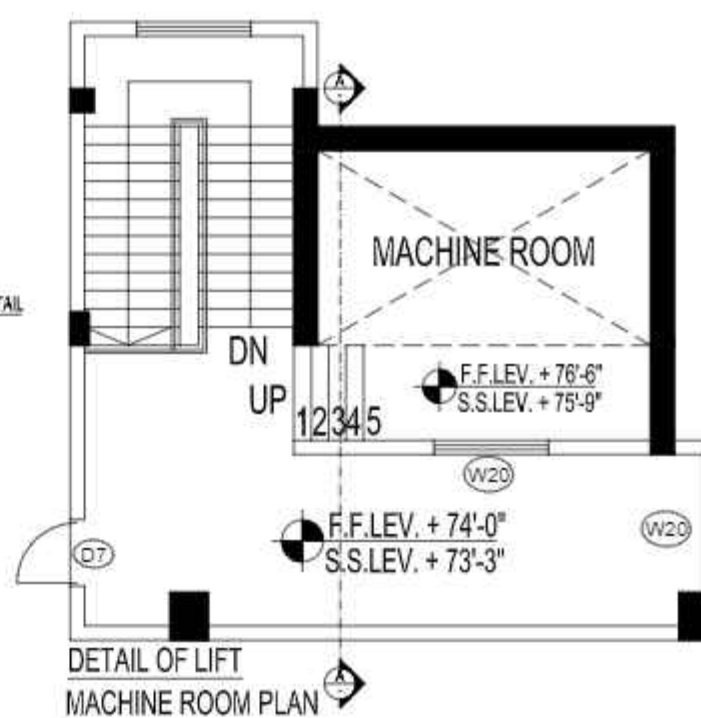
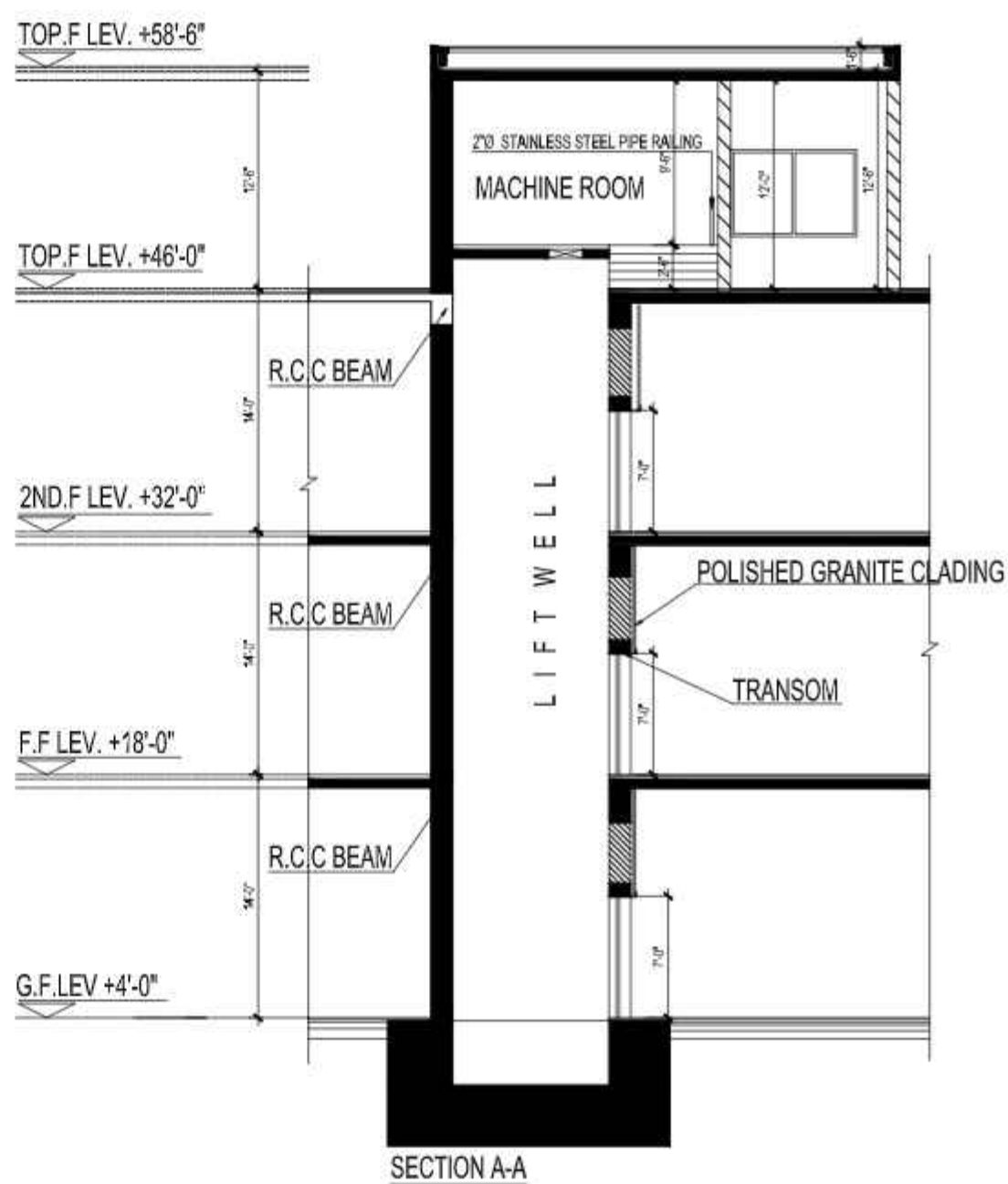
1. COORDINATE ALL DIMENSION WITH CONSULTANT EMPLOY DRAWINGS AND SPECIFICATIONS.
2. NUMERICAL DIMENSIONS SHALL TAKE THE PRIORITY OVER BOLD DIMENSIONS AND THE DIMENSIONS OF DRAWINGS SHOULD BE READ IN INCHES AND FEET.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT EMPLOYER.
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH CODES AND STANDARDS.
5. ALL MATTERS OF COLOUR, TEXTURE, DESIGN AND INTERPRETATION OF DRAWINGS SHALL BE REFERRED BY THE CONTRACTOR TO THE CONSULTANT EMPLOYER IN THE CASE OF ANY MATTER THAT IS NOT ADEQUATELY COVERED IN DRAWINGS.
6. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND NEWLY ADDED WORK.

WORK

1. THE CONTRACTOR SHALL REPAIR AND RESTATE TO ITS ORIGINAL CONDITION ALL CRACKS AND TENS. DAMAGES 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 OWNER AND OWNER AT NO ADDITIONAL COST TO THE OWNER.



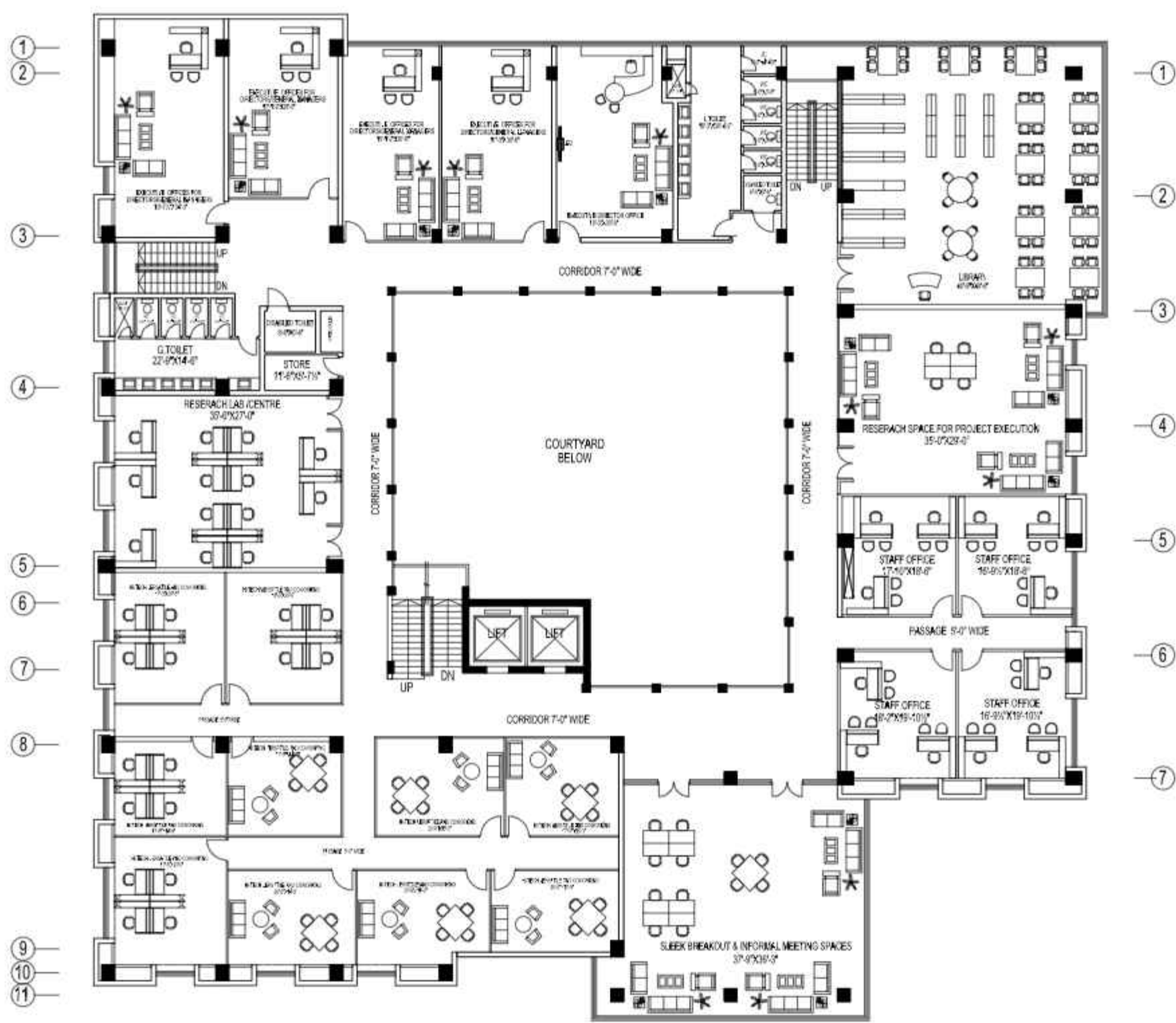
WORKING DRAWING	K.20	ADDRESS	DATE	BY / PLO		Name SUKKUR IBA UNIVERSITY	Project Title KAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY	Drawing Title DETAIL OF STAIR	Subject Activity PIRAZADA BAROOR DATA RECORD	Revision			Name SUKKUR IBA UNIVERSITY	Date SUKKUR IBA UNIVERSITY
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









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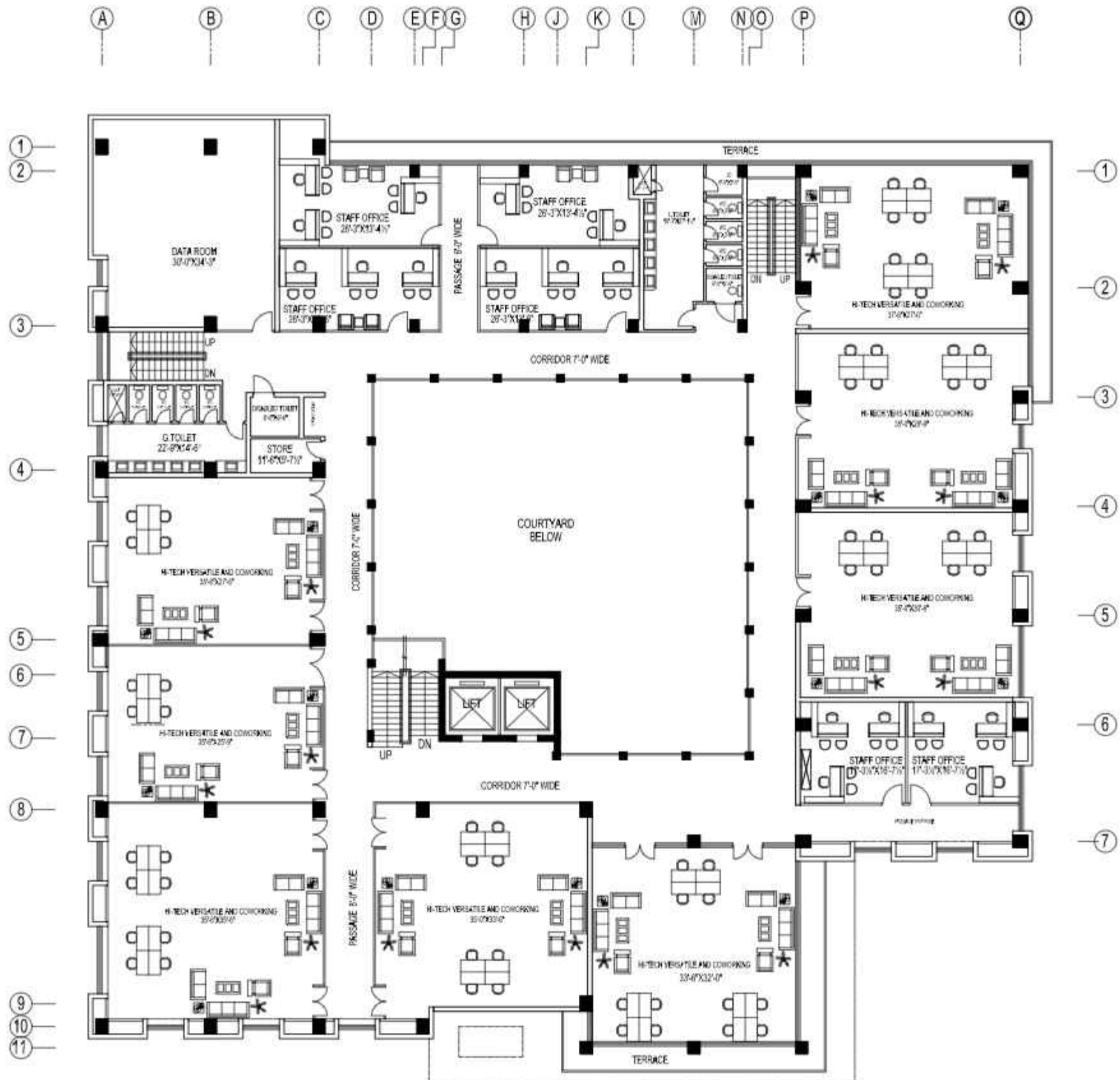


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- Phylogenetic tree showing relationships between 15 taxa labeled A through Q. The tree is rooted at A. A and B are sister taxa. C and D are sister taxa. E, F, and G form a clade where E and F are sister taxa, and G is sister to that pair. H and J are sister taxa. K and L are sister taxa. M is sister to the (H, J) clade. N and O are sister taxa. P is sister to the (M, (H, J)) clade. Q is sister to the entire group (A, B, C, D, E, F, G, H, J, K, L, M, N, O, P).

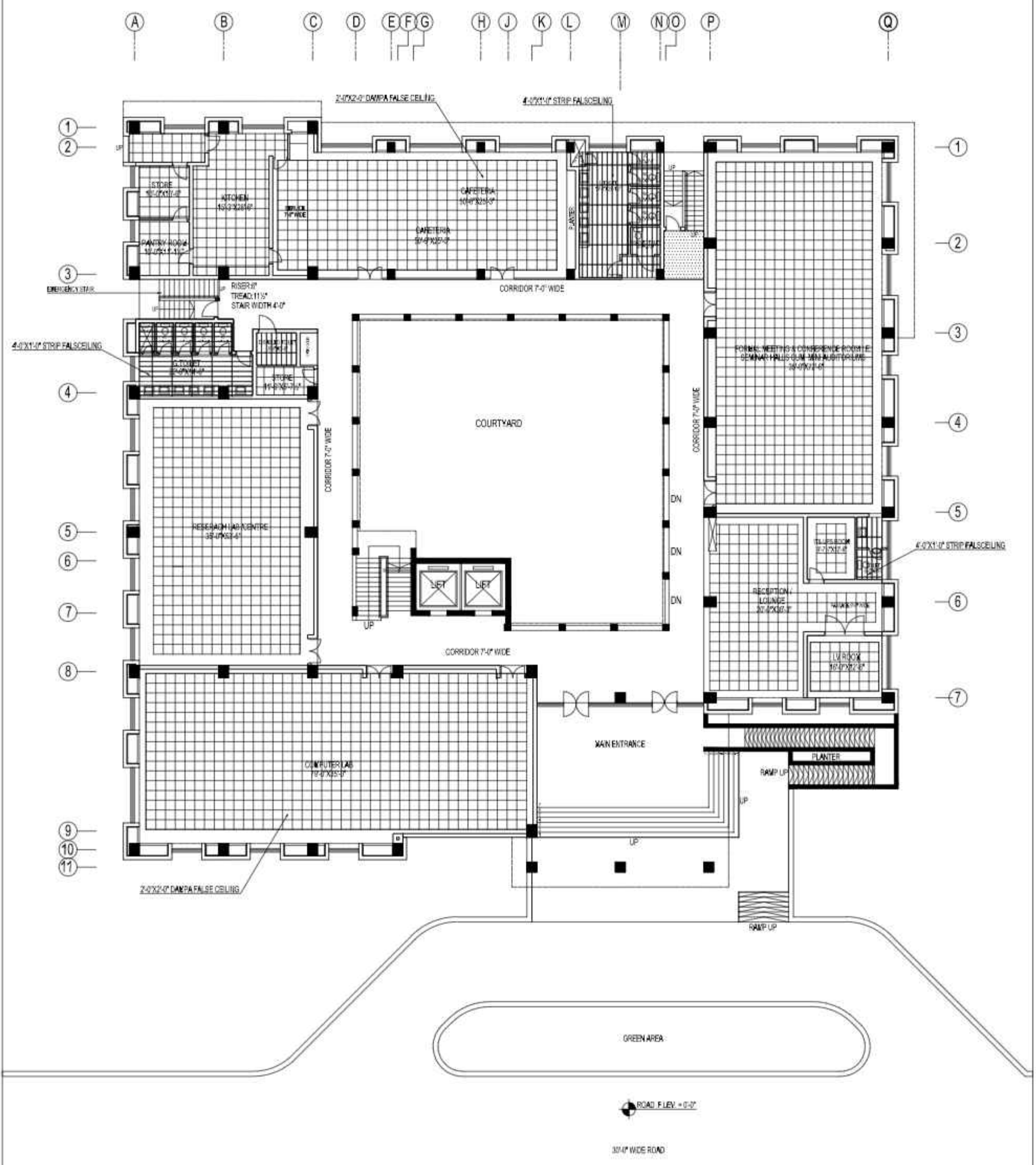


WORKING DRAWING	NO	NOOR	NOOR	NOOR		SUKKUR IBA UNIVERSITY	PROJECT TITLE KAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY	DRAWING TITLE FIRST FLOOR FURNITURE LAYOUT PLAN	PROJECT ARCHITECT CHANDANA KANWAL SAKA CHANDANA	FURNITURE MAGNETIC RODDQUE		DESIGNER CHANDANA KANWAL SAKA CHANDANA		DATE 2024
										FURNITURE MAGNETIC RODDQUE		DESIGNER CHANDANA KANWAL SAKA CHANDANA		DATE 2024
										FURNITURE MAGNETIC RODDQUE		DESIGNER CHANDANA KANWAL SAKA CHANDANA		DATE 2024
										FURNITURE MAGNETIC RODDQUE		DESIGNER CHANDANA KANWAL SAKA CHANDANA		DATE 2024

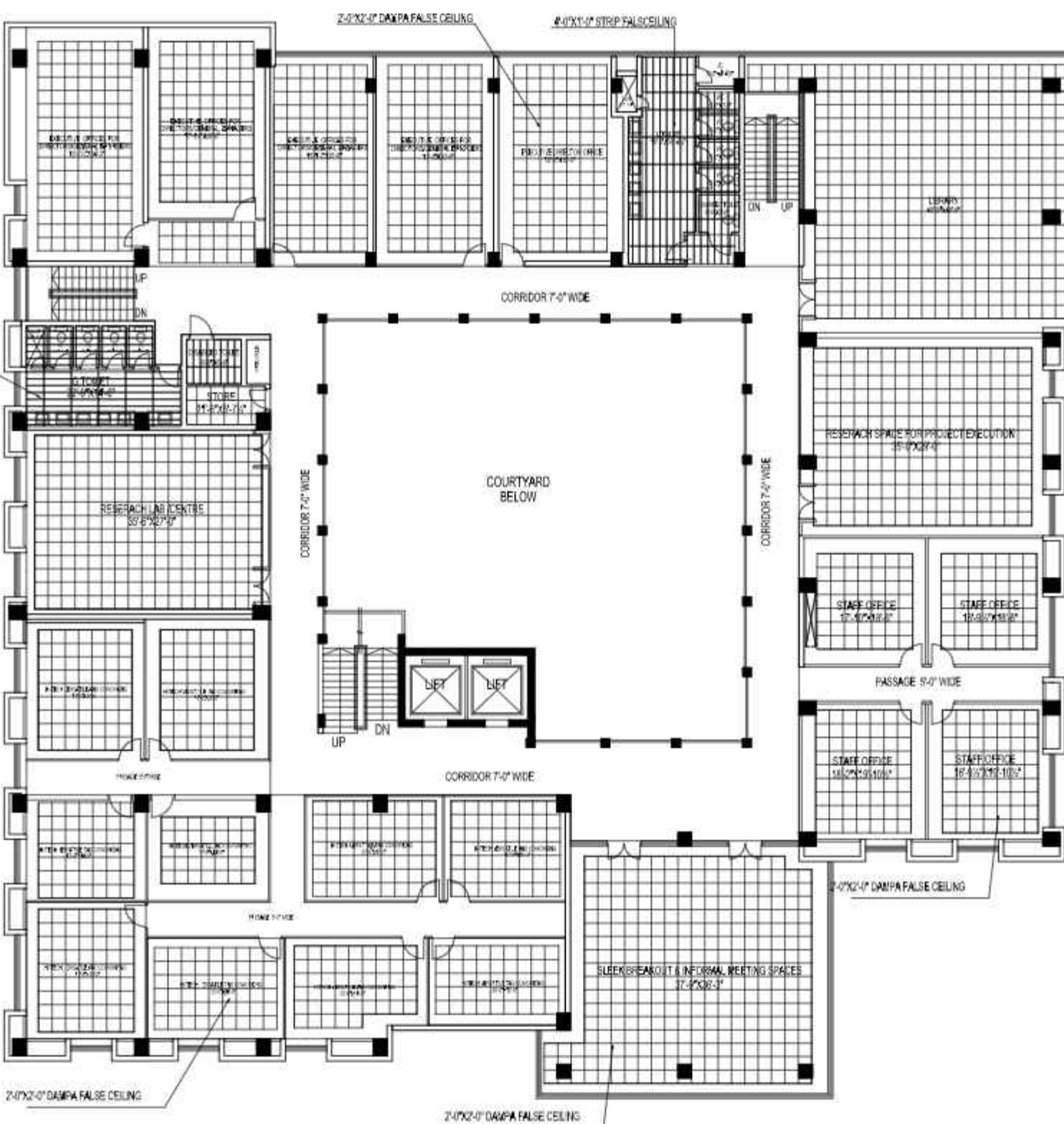
- GENERAL NOTES**
- COORDINATE ALL DIMENSIONS WITH CONSULTANT EMPLOY DRAWINGS AND SPECIFICATIONS.
 - NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER SCALED DIMENSIONS. FOR THIS PROJECT THE DIMENSIONS SHOULD BE READ IN INCH AND FEET.
 - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT EMPLOY.
 - ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
 - 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.



- GENERAL NOTES**
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- Phylogenetic tree showing relationships between 15 taxa labeled A through Q. The tree is rooted at A. A and B are sister taxa. C and D are sister taxa. E, F, and G form a clade where E and F are sister taxa, and G is sister to that pair. H and J are sister taxa. K and L are sister taxa. M is sister to the (H, J) clade. N and O are sister taxa. P is sister to the (M, (H, J)) clade. Q is sister to the entire group (A, B, C, D, E, F, G, H, J, K, L, M, N, O, P).



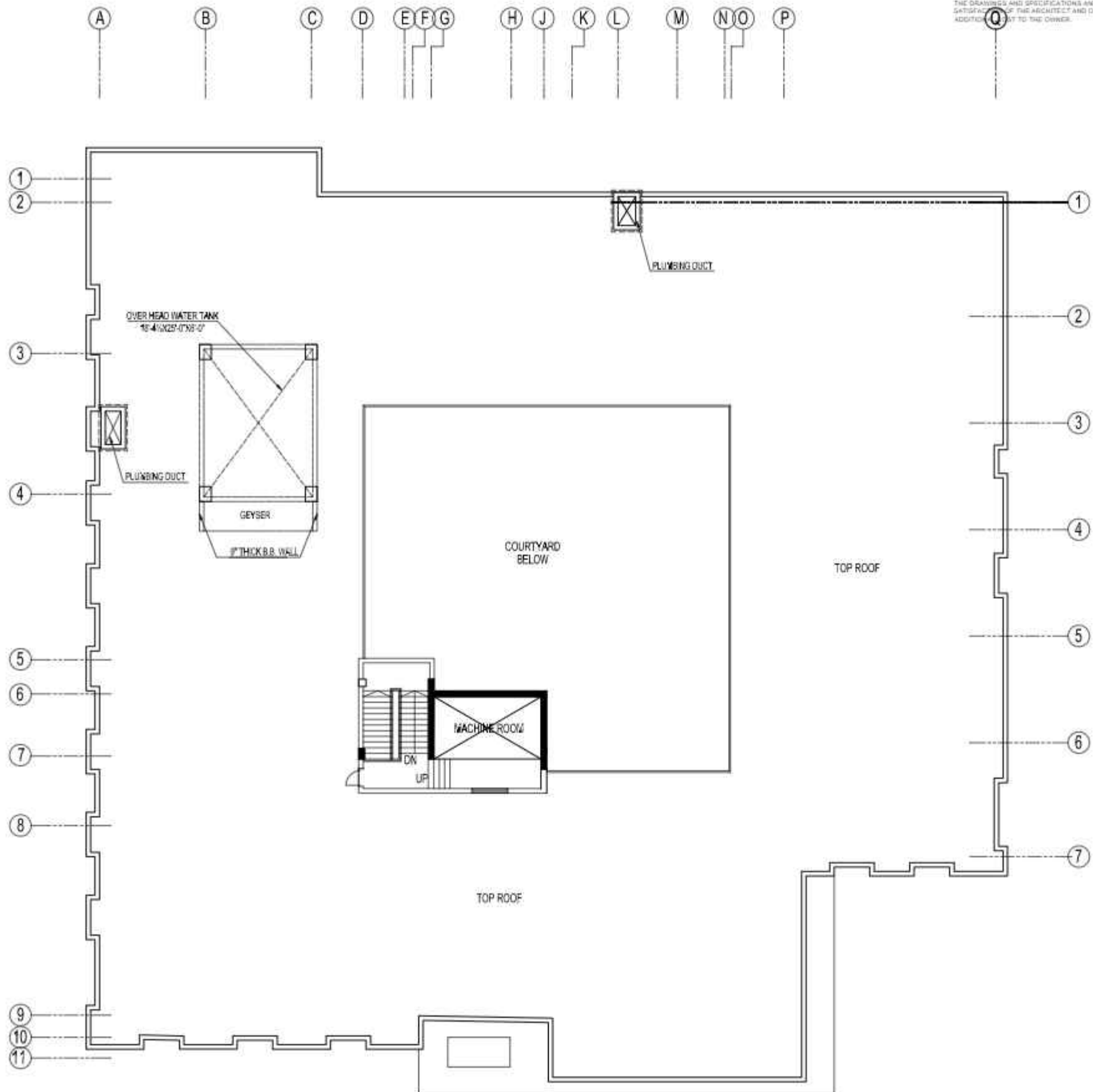
WORKING DRAWING	REV	REASON	DATE	BY		SHEET	SUKOUR IBA UNIVERSITY	PROJECT TITLE KAS TECHNOLOGY PARK AT SUKOUR IBA UNIVERSITY	DRAWING TITLE FIRST FLOOR PLAN FALSECEILING PLAN	PROJECT ARCHITECT OVERSEAS MARSHALL DATA ARCHITECT	OVERSIGHT PLANNING AND LOGISTICS DESIGNER PROJECT MANAGER PROJECT COORDINATOR PROJECT ASSISTANT		DESIGNER PROJECT MANAGER PROJECT COORDINATOR PROJECT ASSISTANT		SHEET NUMBER 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	A-18

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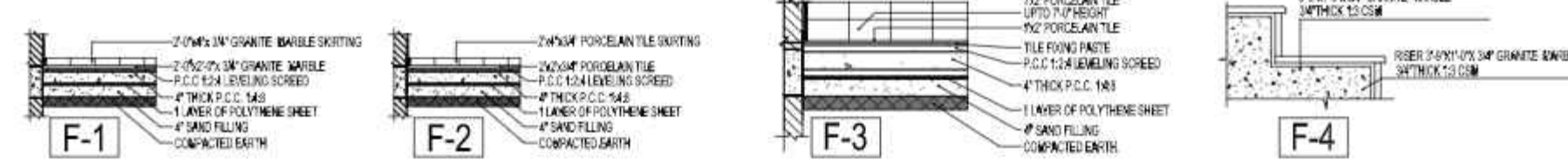
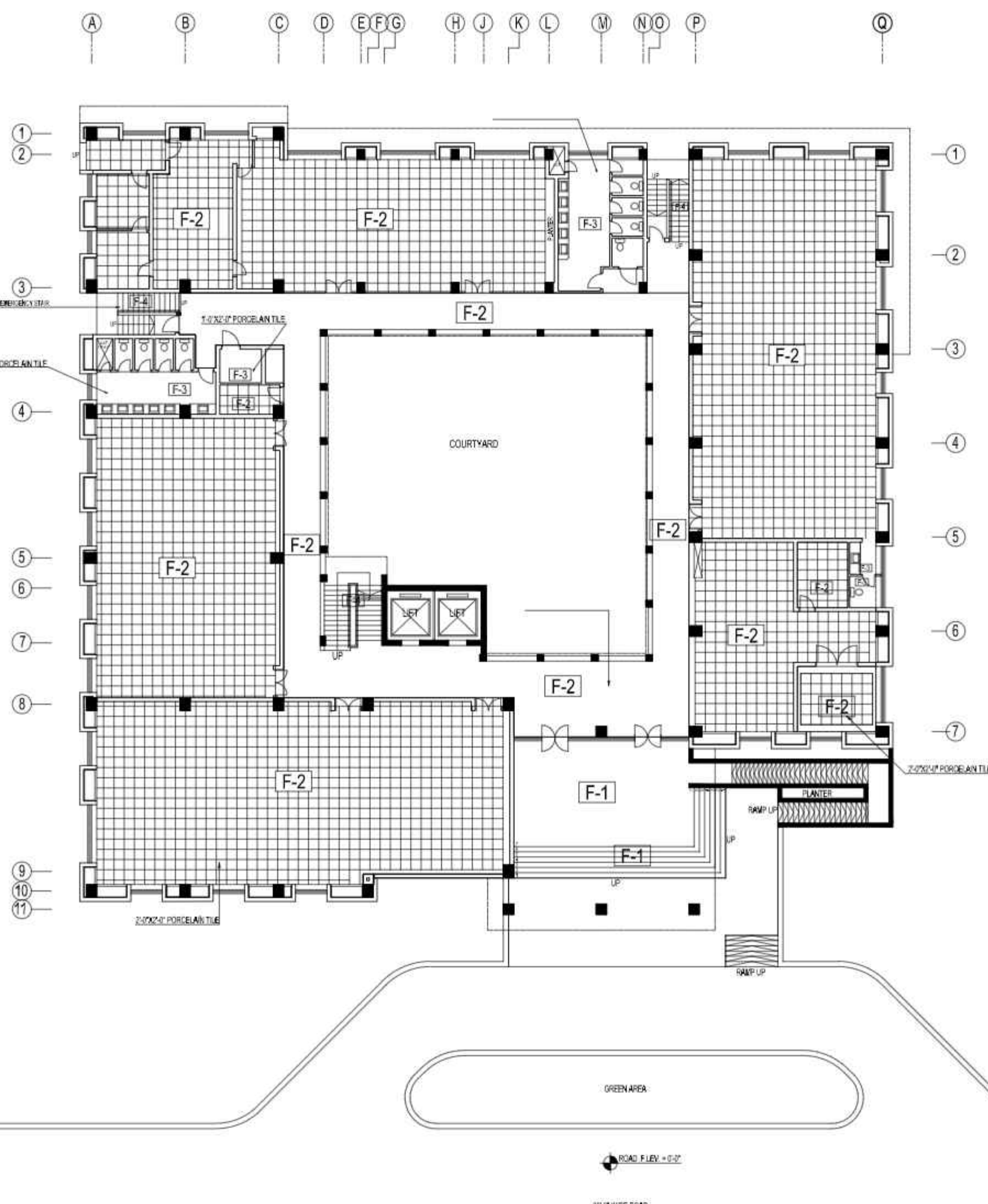
A-19

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.
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.

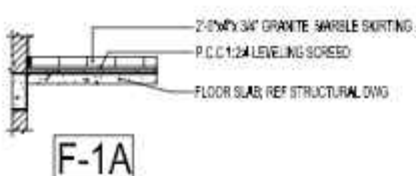
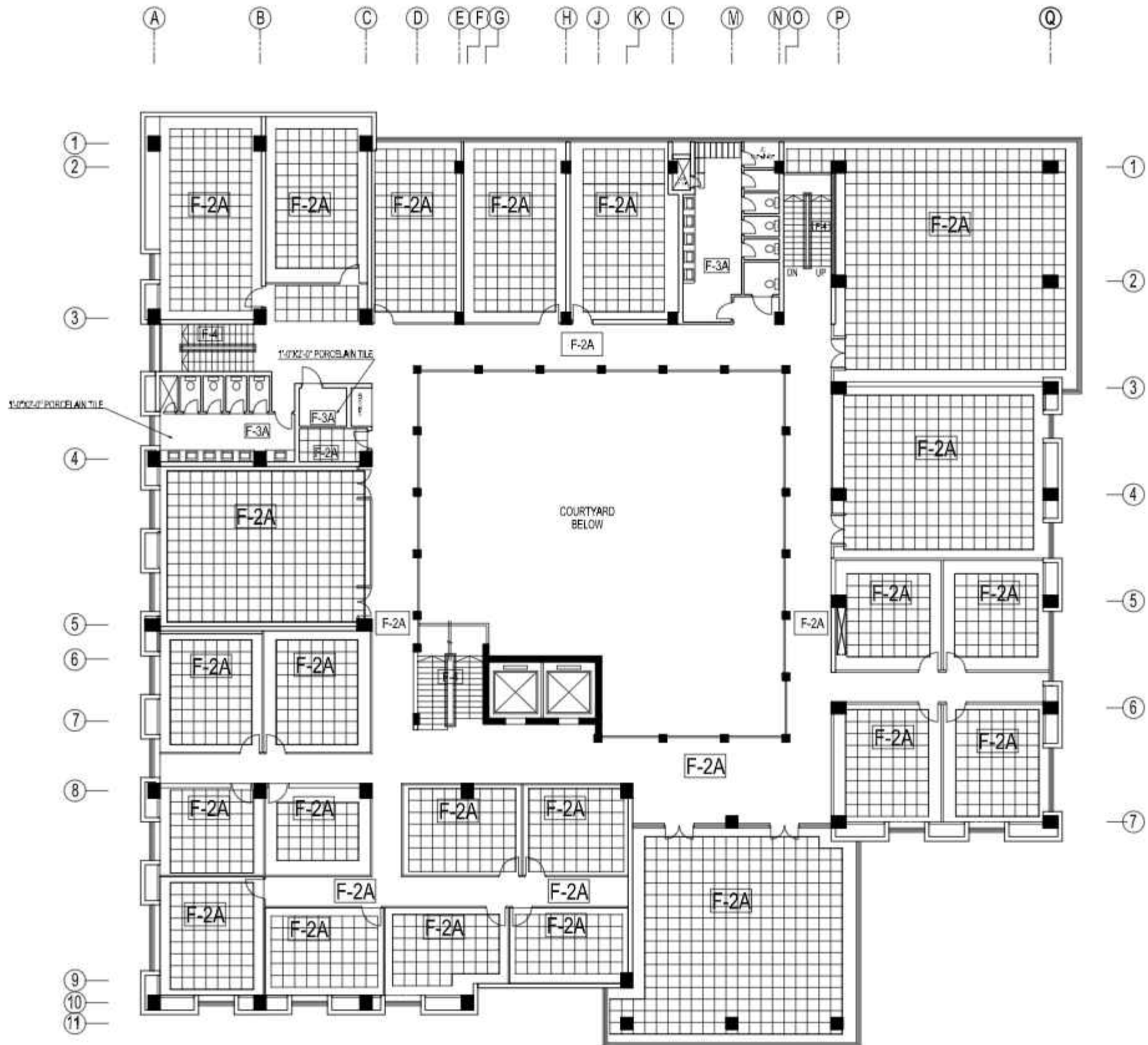


- GENERAL NOTES**
- COORDINATE ALL DIMENSIONS WITH CONSULTANT EMPLOY DRAWINGS AND SPECIFICATIONS.
 - NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER SCALED DIMENSIONS. FOR THIS PROJECT THE DIMENSIONS SHOULD BE READ IN INCH AND FEET.
 - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT EMPLOY.
 - ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
 - 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.
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 - 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.

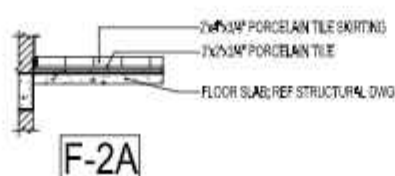


WORKING DRAWING	REV.	BY	CHKD.	DATE	NO. OF SHEETS	PROJECT NAME	PROJECT SITE	PROJECT ARCHITECT	PROJECT ENGINEER	PROJECT SUPERVISOR	PROJECT MANAGER	PROJECT COORDINATOR	PROJECT ASSISTANT	PROJECT CLERK	PROJECT DRIVER	PROJECT SECURITY	PROJECT MAINTENANCE	PROJECT CLEANING	PROJECT PAINTING	PROJECT ELECTRICAL	PROJECT PLUMBING	PROJECT MECHANICAL	PROJECT LANDSCAPING	PROJECT FURNITURE	PROJECT LIGHTING	PROJECT SOUND	PROJECT VIDEO	PROJECT PHOTOGRAPHY	PROJECT OTHER
						SUKKUR IBA UNIVERSITY	NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY																						

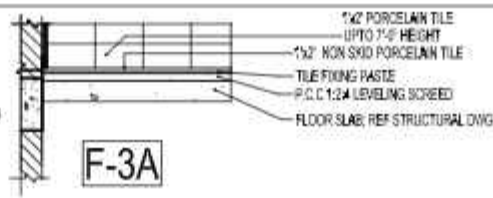
- GENERAL NOTES**
- COORDINATE ALL DIMENSIONS WITH CONSULTANT EMPLOY DRAWINGS AND SPECIFICATIONS.
 - NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER SCALED DIMENSIONS. FOR THIS PROJECT THE DIMENSIONS SHOULD BE READ IN INCH AND FEET.
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 - ALL WORK SHALL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



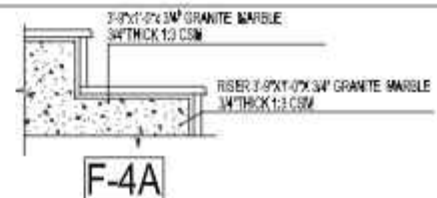
F-1A



F-2A



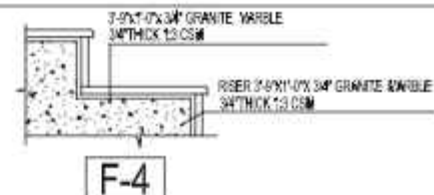
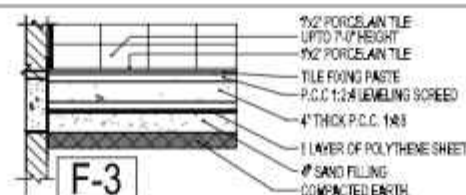
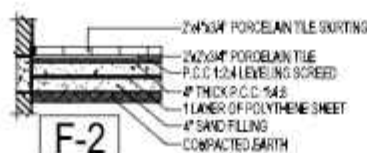
F-3A



F-4A

WORKING DRAWING	REV.	BY	DATE	REV. DATE	REVISION	PROJECT TITLE	DRAWING TITLE	PROJECT ARCHITECT	DESIGNER	CHECKER	DATE	SCALE
						SUKKUR IBA UNIVERSITY	NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY					
							FIRST FLOOR PLAN FLOOR FINISHES					

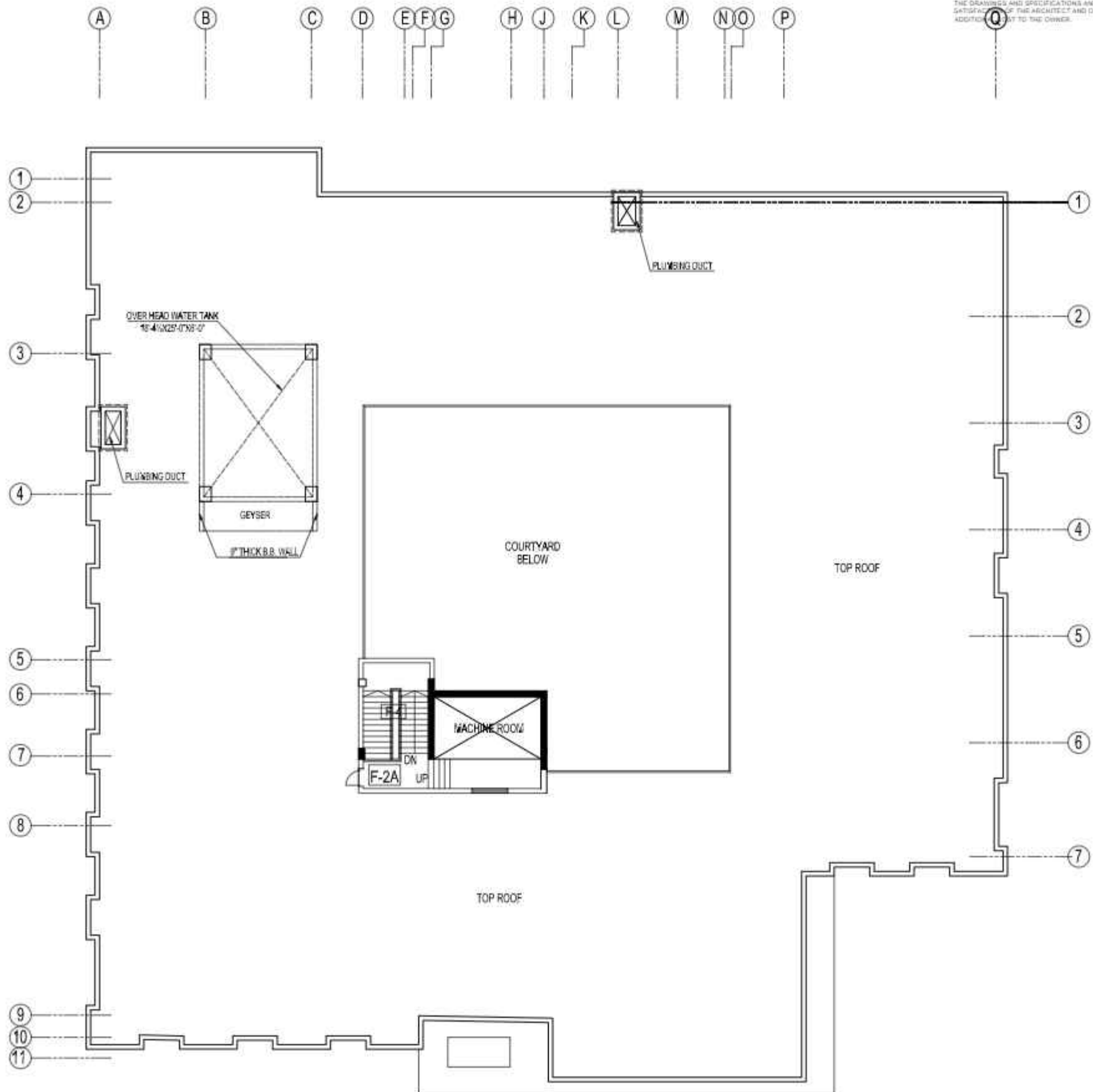
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- A
- B
- C
- D
- E
- F
- G
- H
- J
- K
- L
- M
- N
- O
- P
- Q



WORKING DRAWING	REV	REVISION	DATE	BY	DATE	PROJECT TITLE	DRAWING TITLE	PROJECT ADDRESS	PREPARED BY CHECKED BY DESIGNED BY DRAWN BY APPROVED BY SCALE		DRAWING NO. SHEET NO.	TOTAL SHEETS TOTAL SHEETS
						SUKKUR IBA UNIVERSITY	SECOND FLOOR PLAN FLOOR FINISHES	OPPERASA WADHWA SAKA DEWASTI				A-23

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.
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.



COORDINATE ALL DIMENSIONS WITH CONSULTANT/EMPLOY DRAWINGS AND SPECIFICATIONS.

2. NUMERICAL DIMENSIONS SHALL TAKE PRIORITY OVER ALL DIMENSIONS FOR THE PROJECT. THE DIMENSIONS 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 THE LATEST 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 ANY MATTER BEING THE MOST APPROPRIATE 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 WEAR AND TEAR DAMAGED AS A RESULT OF BUILDING OR REPAIRING WORK AND SHALL LEAVE THE WORK COMPLETED TO THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE OWNER AND OWNER-AT-LAW. NO ADDITIONAL COST TO THE OWNER.



ROOF TREATMENT DETAIL

WORKING DRAWING	SIN	SPOON	SIN	SIN PLAN		SUDUR IBA UNIVERSITY SUDUR IBA UNIVERSITY	KAS TECHNOLOGY PARK AT SUDUR IBA UNIVERSITY	MISCELLANEOUS DETAIL	PROJECT ARCHITECT DEKORADA KAWANUS SARA JERONIM	CONSTRUCTION KAWANUS SARA JERONIM		DESIGNER KAWANUS SARA JERONIM		SCALE 1:100	SHEET NO A-25

GROUND FLOOR - SCHEDULE OF FINISHES	
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AREA	FLOOR	SKIRTING	DADO	INTERNAL SURFACES		FALSE CEILING	EXTERNAL FINISHES	
				WALLS	CEILING		AREA	FINISHES
ENTRANCE POOLUM	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	—	—	194115/2" FAIR FACE BRICK WORK USING SPECIAL BRICK Laid IN C.S.M.14 MORTAR DEEP STUCK POINTING
CORRIDOR	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
COMPUTER LAB	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
RESEARCH LAB /CENTRE	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
STORE	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
PANTRY ROOM	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
CAFETERIA	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
GENERAL MEETING & CONFERENCE ROOM, LECTURE HALLS, C.A.F. AND AUDITORIUM	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
ITS UPS ROOM	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	—	MATT ENAMEL PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
LV ROOM	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	—	MATT ENAMEL PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
LOUNGE	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
KITCHEN	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	—	MATT ENAMEL PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
G TOILET	1'-2"x3'-4" PORCELAIN TILE	2'-4"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'-2"x3'-4" PORCELAIN TILE	2'-4"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'-2"x3'-4" PORCELAIN TILE	2'-4"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'-6"x1'-0"x 3/4" GRANITE MARBLE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—

FIRST FLOOR - SCHEDULE OF FINISHES	
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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'-4"x4"x 3/4" GRANITE MARBLE SKIRTING	————	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	————	————	1/4" x 1/4" x 1/4" FACE BRICK WORK, USING SPECIAL BRICKS Laid IN C.C. & M.S. MORTAR DEEP STUCK POINTING
EXECUTIVE OFFICES FOR DIRECTORS/GENERAL MANAGERS	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	————	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	————	————	————
RESEARCH SPACE FOR PROJECT EXECUTION	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	————	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	————	————	————
RESEARCH LAB CENTRE	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	————	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	————	————	————
STORE	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	————	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	————	————	————
SEVERAL GROUPS OF MEETING OFFICES	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	————	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	————	————	————
WATER RESISTANT COATINGS	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	————	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	————	————	————
LIBRARY	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	————	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	————	————	————
STAFF OFFICE	2'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	————	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	————	————	————
G TOILET	1'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	1'-2" GLAZED TILES DADO UPTO 7'-4" HEIGHT	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	————	————	————
DISABLED TOILET	1'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	1'-2" GLAZED TILES DADO UPTO 7'-4" HEIGHT	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	————	————	————
L TOILET	1'-2"x3'-4" PORCELAIN TILE	2'-4"x3'-4" PORCELAIN TILE SKIRTING	1'-2" GLAZED TILES DADO UPTO 7'-4" HEIGHT	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	————	————	————
STAIR	3'-4"x1'-4"x 3/4" GRANITE MARBLE	2'-4"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" GRANITE MARBLE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	150' SQ FT OF PAINT WORK, USING SPECIAL SPRAY LAD IS 0.5 M 14 METER, LESS 10% FOR WASTE.
INTERVIEW ROOM (CONFERENCE)	2'-0"x2'-0" PORCELAIN TILE	2'-0"x4'-0" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
STAFF OFFICE	2'-0"x2'-0" PORCELAIN TILE	2'-0"x4'-0" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
DATA ROOM	2'-0"x2'-0" PORCELAIN TILE	2'-0"x4'-0" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
STORE	2'-0"x2'-0" PORCELAIN TILE	2'-0"x4'-0" PORCELAIN TILE SKIRTING	—	PLASTIC EMULSION PAINT OVER PLASTER	BRIGHT WHITE PLASTIC EMULSION PAINT OVER PLASTER	—	—	—
G. TOILET	1'-0"x2'-0" PORCELAIN TILE	2'-0"x4'-0" 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" PORCELAIN TILE	2'-0"x4'-0" 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" PORCELAIN TILE	2'-0"x4'-0" 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" 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. NUMERICAL DIMENSIONS SHALL HAVE TIME SUFFICIENCY OVER SCALE DRAWINGS FOR THIS PROJECT THE DRAWINGS SHOULD BE READ IN INCH AND FEET.
4. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE. DISCREPANCIES AND/OR VARIATIONS SHALL BE IMMEDIATELY REPORTED TO THE CONSULTANT/EMPLOY.
5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND ORDINANCES.
6. ALL MATTERS OF COLOUR, TEXTURE, DESIGN AND INTERPRETATIONS OF DRAWINGS SHALL BE REFERRED BY THE CONTRACTOR TO THE CONSULTANT/EMPLOY FOR THE EVENT OF ANY MATTERS NOT BE ADEQUATELY COVERED IN DRAWINGS.
7. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND READILY ADDED WORK.
8. THE CONTRACTOR SHALL REPAIR AND RESTORE TO ITS ORIGINAL CONDITION ALL WORK AND ITEMS DAMAGED AS A RESULT OF BUILDING OR CONSTRUCTION AND SHALL LEAVE THE WORK COMPLETED TO THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE OWNER AND OWNER AND AT NO ADDITIONAL COST TO THE OWNER.

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.

1st Floor, Block 9-West, Blue Area
Rizwan Plaza, Jinnah Avenue F-6, Islamabad
Tel.No: 051-2828577 - 2829002
Fax : 92-51-2307615

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



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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.

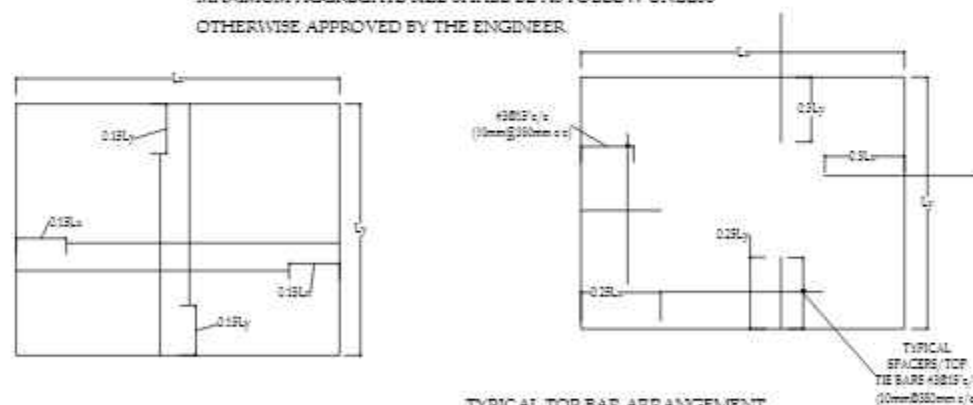
5. CONCRETE PROTECTION TO REINFORCEMENT

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

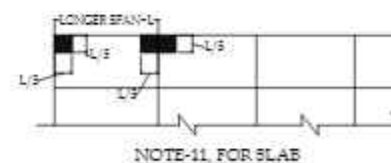
LOCAL ADJUSTMENT TO ACCOMMODATE FEATURES/EMBEDMENTS OPENINGS MAY BE MADE AT SITE BUT SUBJECT TO THE APPROVAL OF THE ENGINEER, AS LONG AS IT WOULD NOT MATERIALLY EFFECT THE DESIGN.

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 _y /f _c '		
	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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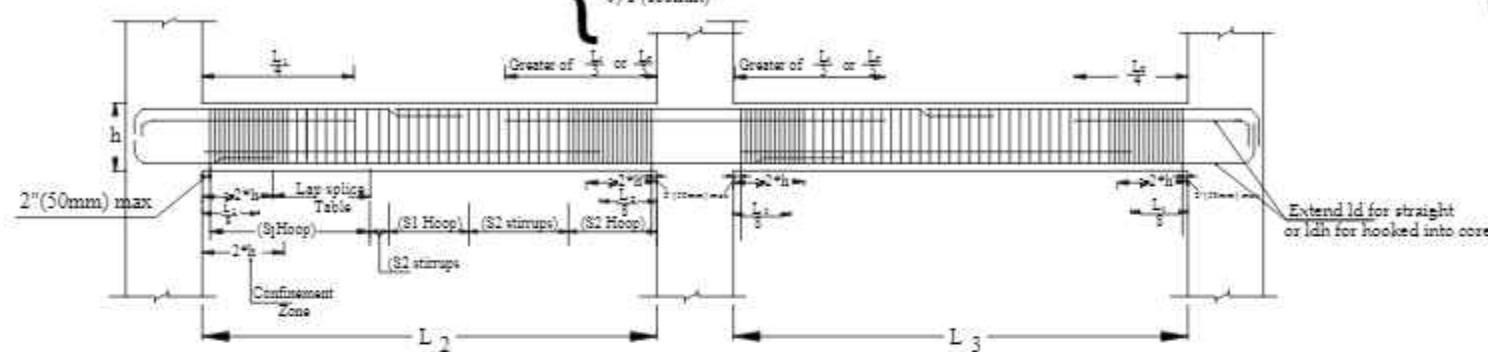


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$$S_1 = \text{Hoop } \phi \text{ Smaller of } \begin{cases} a) \leq d/4 \\ b) 8 d_b \text{ of smallest longitudinal bar} \\ c) 24 d_b \text{ of hoop bars} \\ d) 12" (300\text{mm}) \end{cases}$$

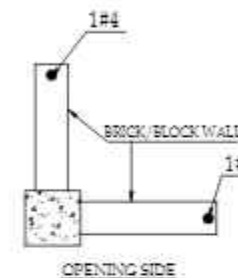
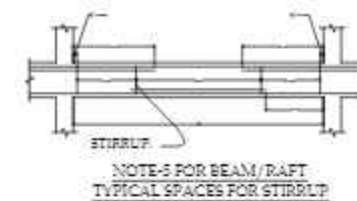
$$S_2 = \text{Stirrups } \phi \leq d/2$$

Note: At lap splices stirrups must be provided ϕ Smaller of



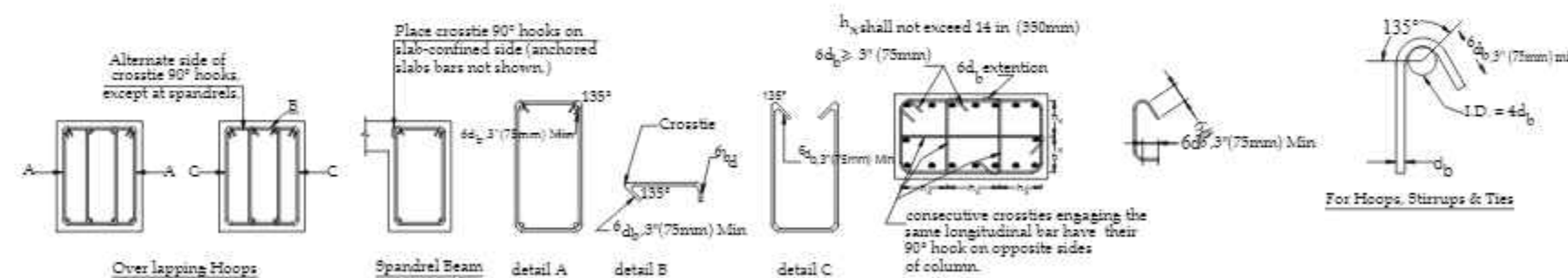
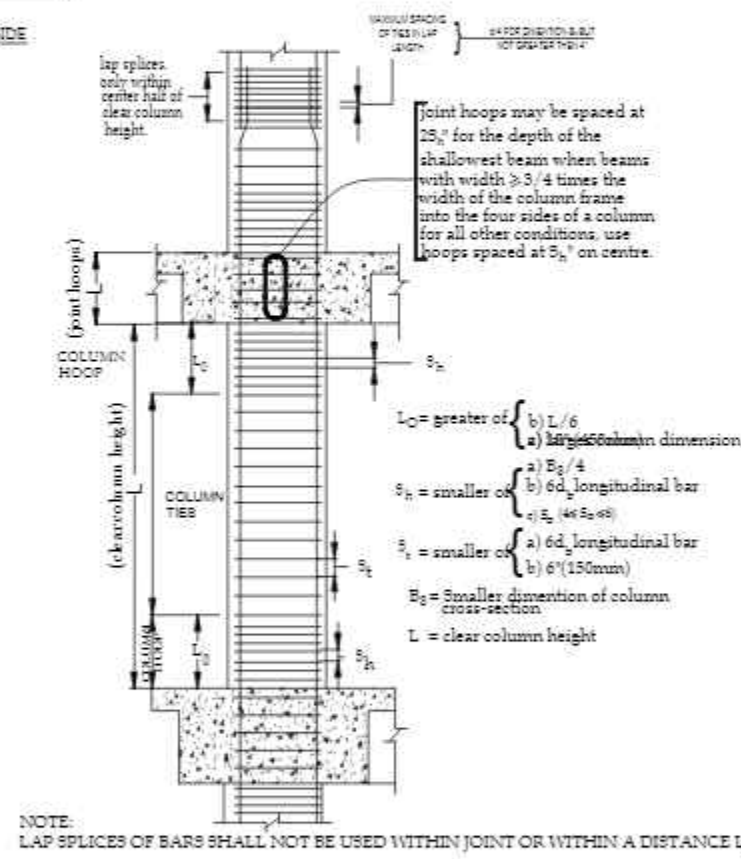
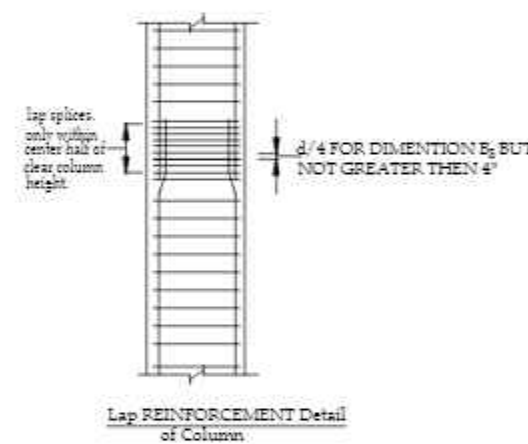
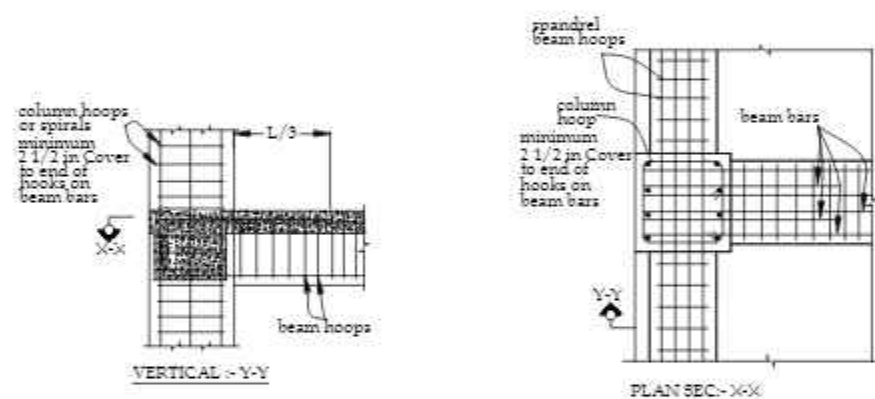
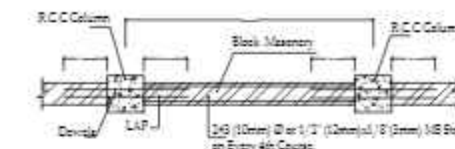
NOTE: No lap splice shall be permitted within joints and Confinement Zone

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).



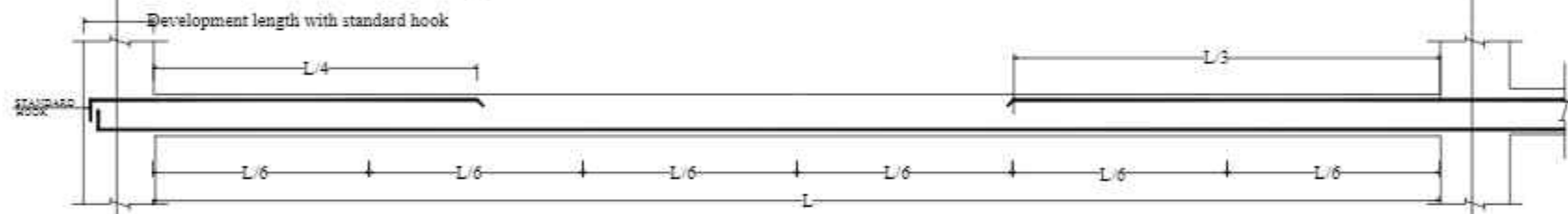
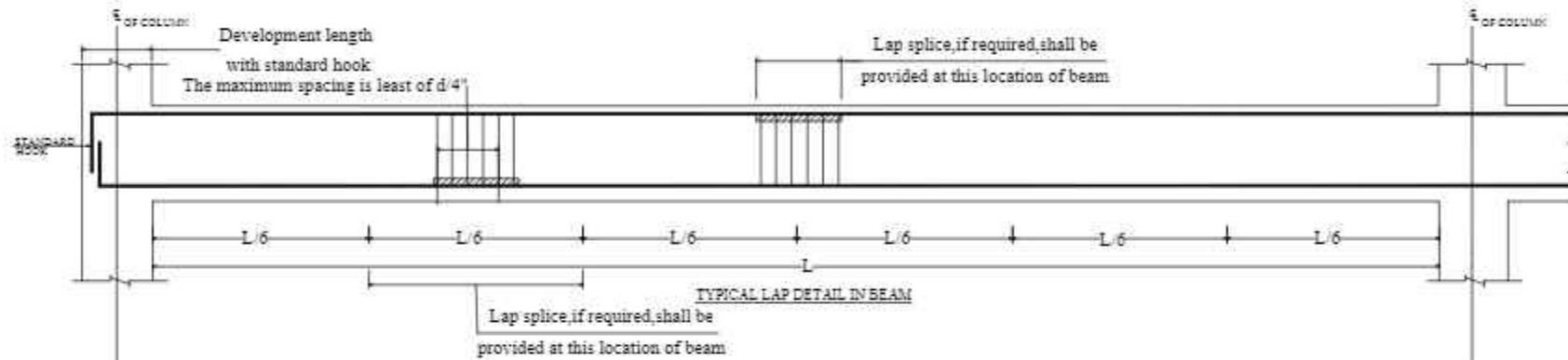
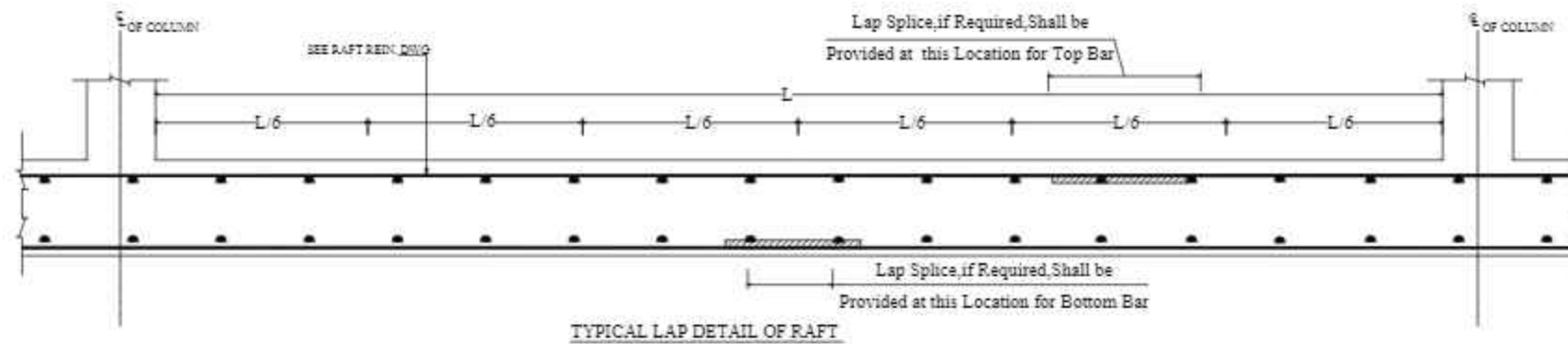
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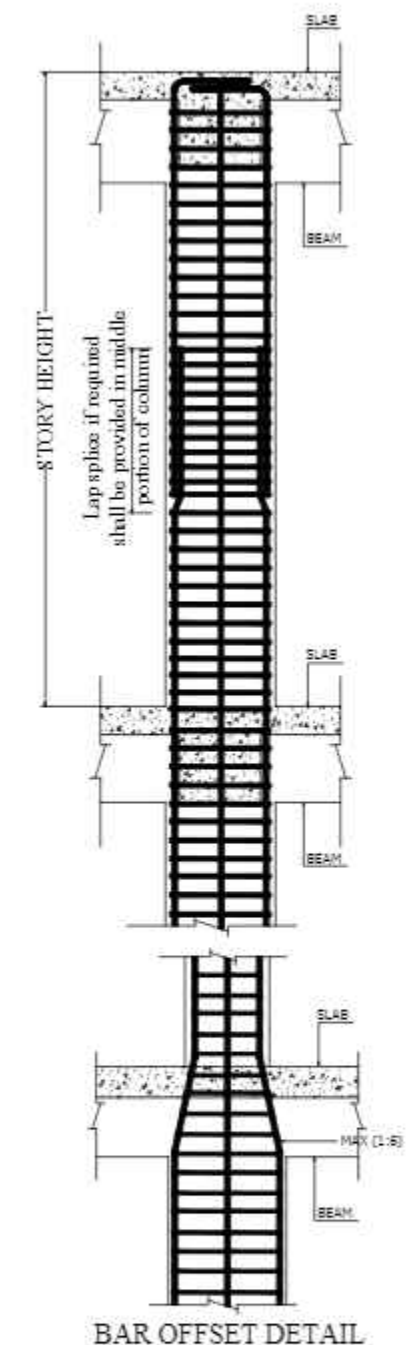
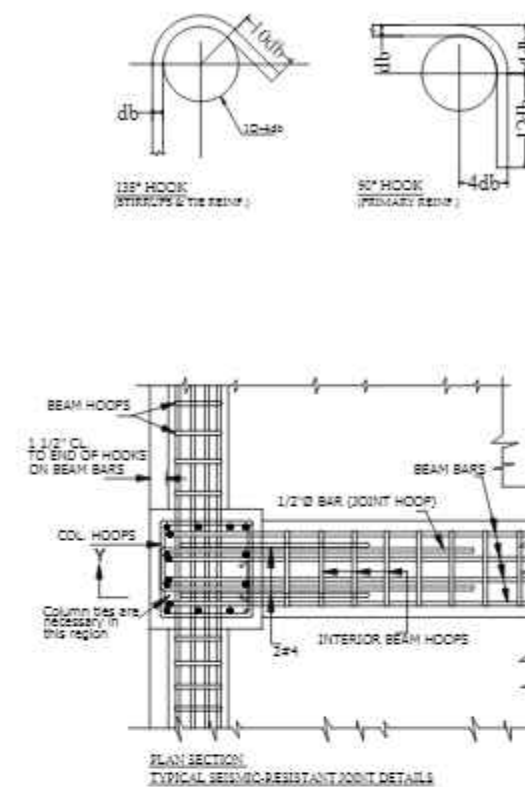
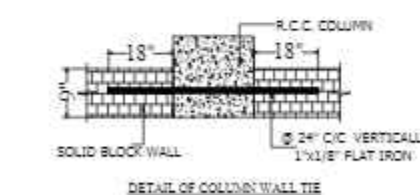
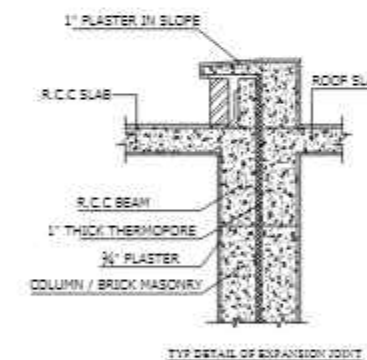
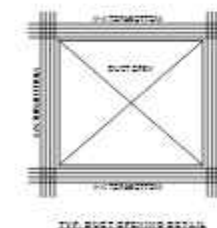
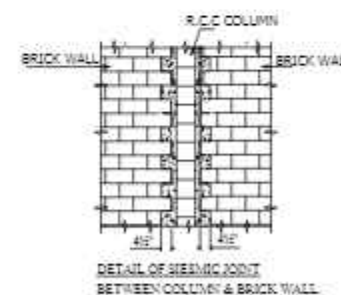
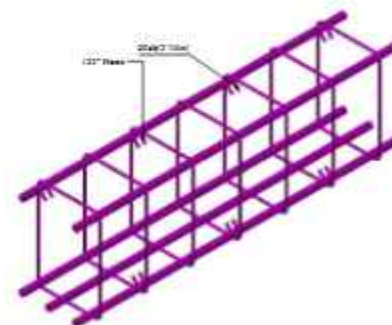
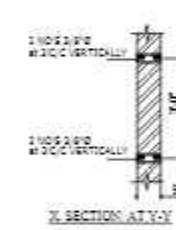
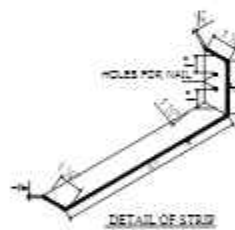
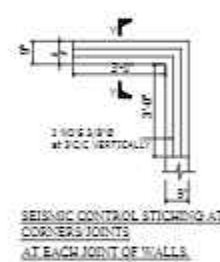
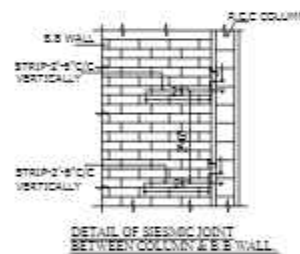


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GENERAL DETAIL LOCATION OF LAP



INTERNAL WALLS & STRIPS					
REINFORCEMENT IN UNITS FOR DOOR, WINDOWS, VENTILATORS					
UNIT	SPUN	LINTEL	TOP REINFORCEMENT	BOTTOM REINFORCEMENT	STRAP
2'x4'x4"	4#4	2#4	2#4	2#4	150# CC
4'x4'x4"	8#4	4#4	4#4	4#4	150# CC
4'x6'x4"	8#4	4#4	4#4	4#4	150# CC

INTERNAL WALLS & STRIPS					
REINFORCEMENT IN UNITS FOR DOOR, WINDOWS, VENTILATORS					
UNIT	SPUN	LINTEL	TOP REINFORCEMENT	BOTTOM REINFORCEMENT	STRAP
2'x4'x4"	4#4	2#4	2#4	2#4	150# CC

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DESIGNED BY:	ZULFQAR
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CAD CHECK:	ASIF IQBAL
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APPROVED BY:	NAJIB AHMAD

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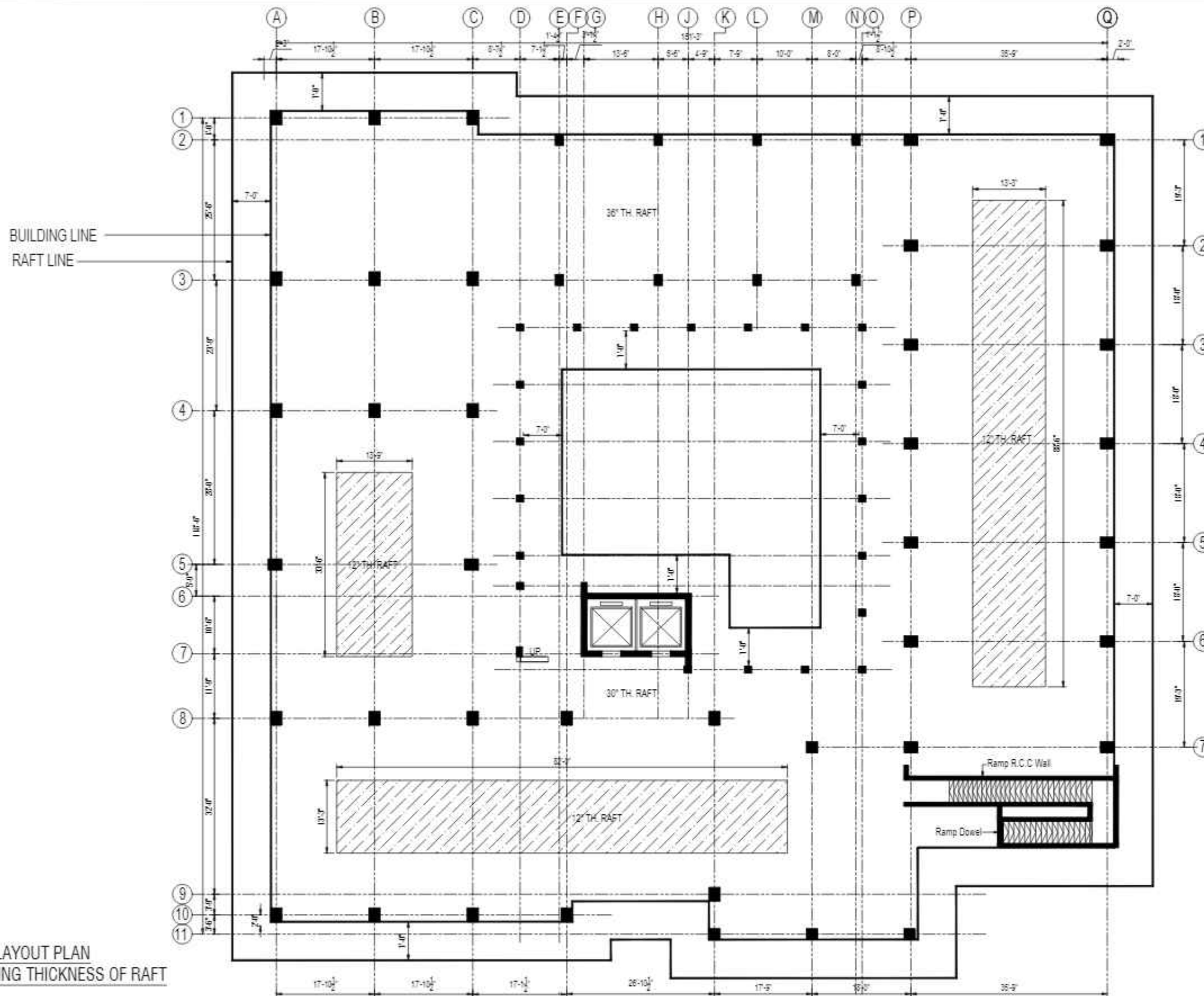
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PROJECT -
PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR

SCALE - DATE - MARCH-2015 DWE NO - S-33-2012-S- OC REVISION - 00

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

RAFT LAYOUT PLAN
SHOWING THICKNESS OF RAFT

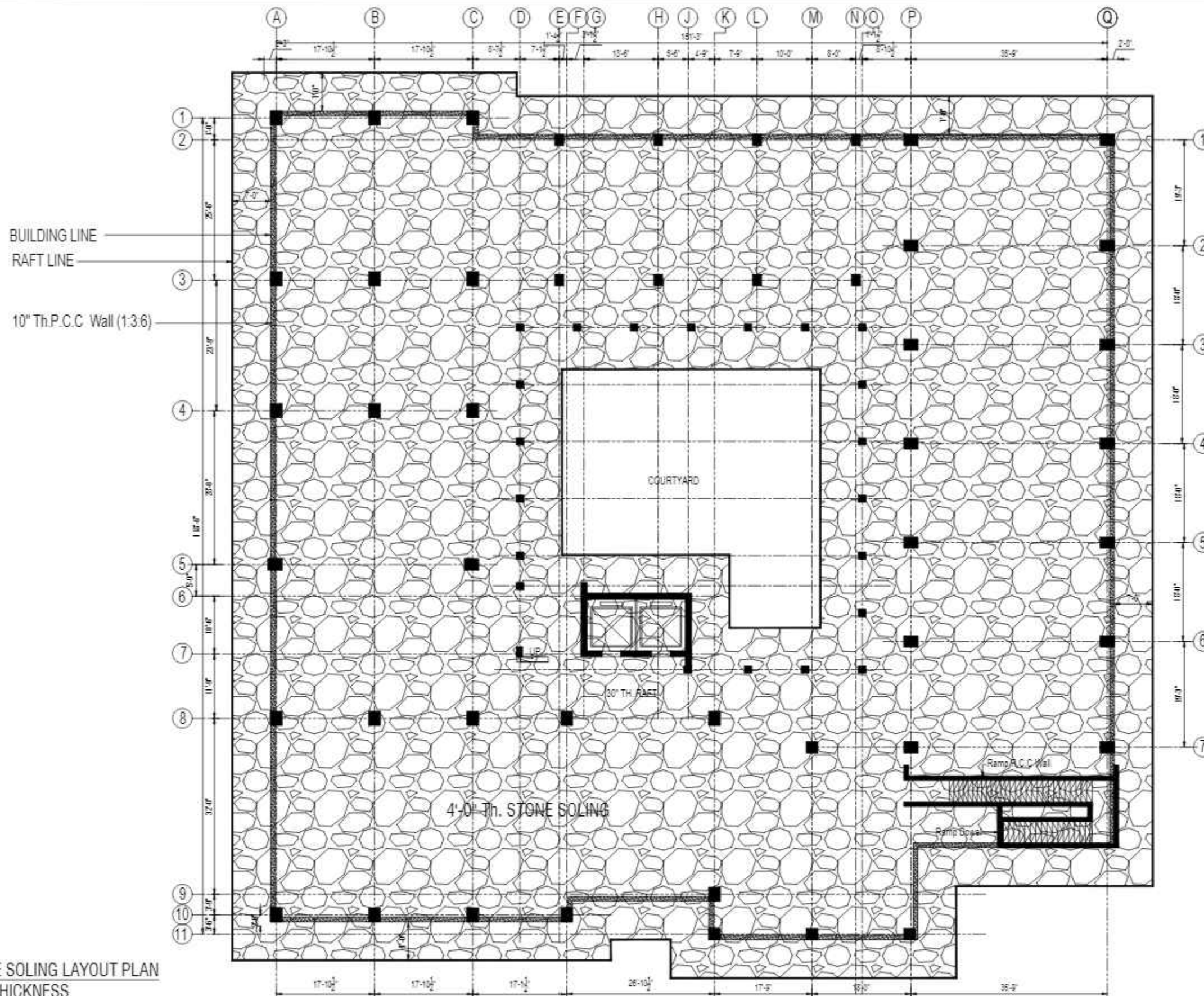
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L E G E N D	
4'-0" Th. STONE SOLING	

STONE SOLING LAYOUT PLAN
4'-0" THICKNESS

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

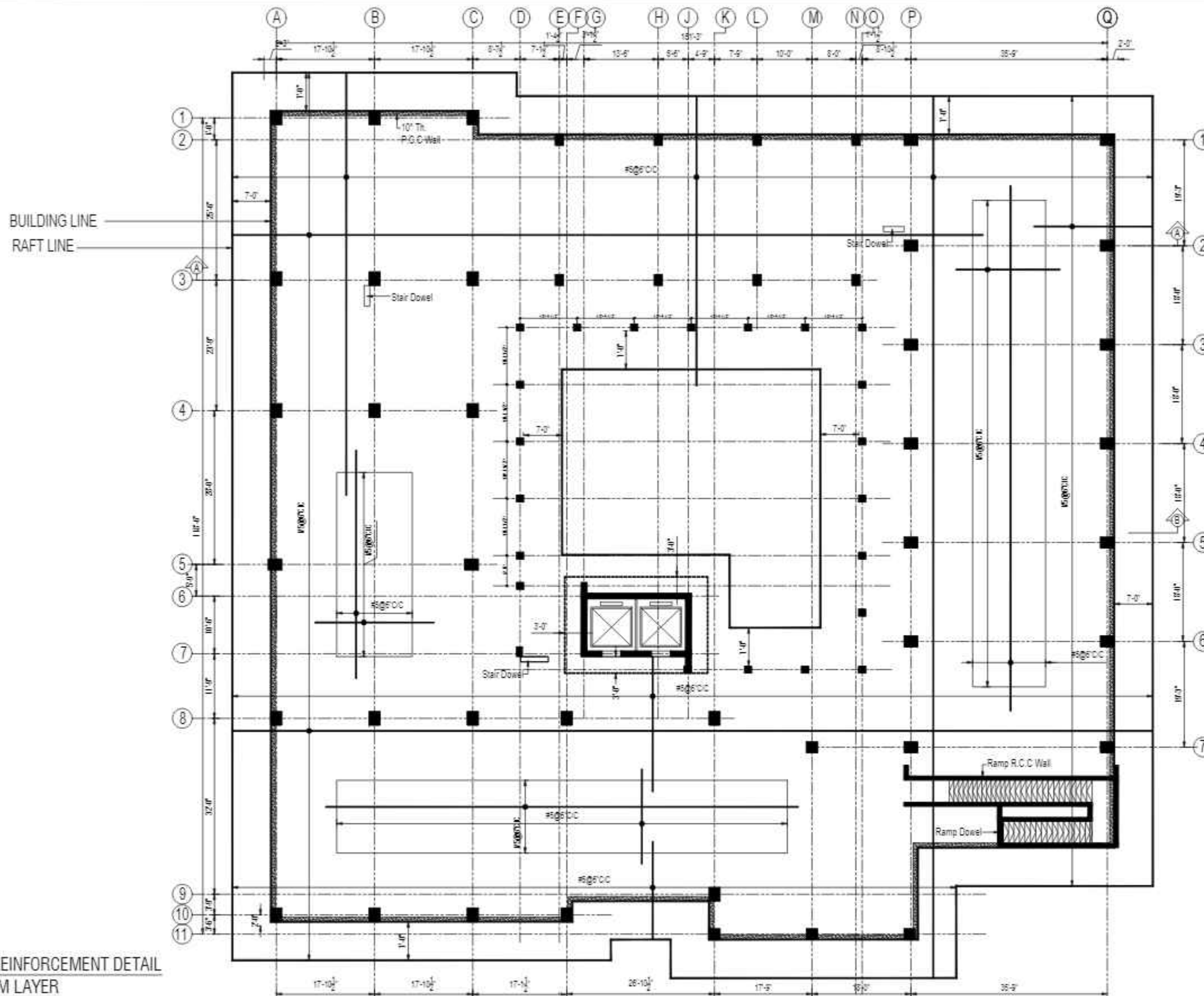
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RAFT REINFORCEMENT DETAIL
BOTTOM LAYER

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

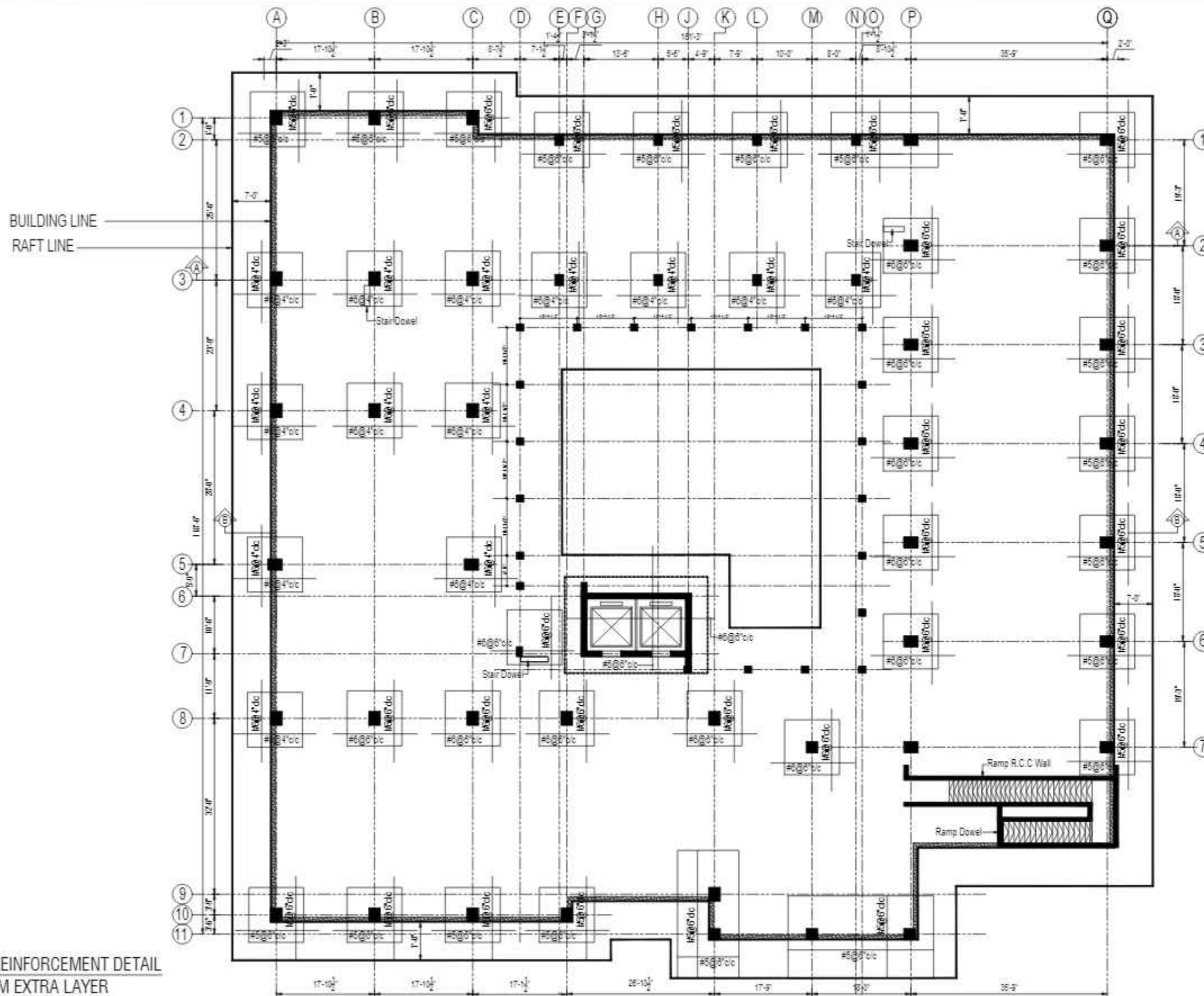


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PROPOSED TECHNOLOGY (NASTECH) PARK AT
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RAFT REINFORCEMENT DETAIL
BOTTOM EXTRA LAYER

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									
						QAG CHECK:	MANSAB DAR									
						APPROVED BY:	NAJIB AHMAD									

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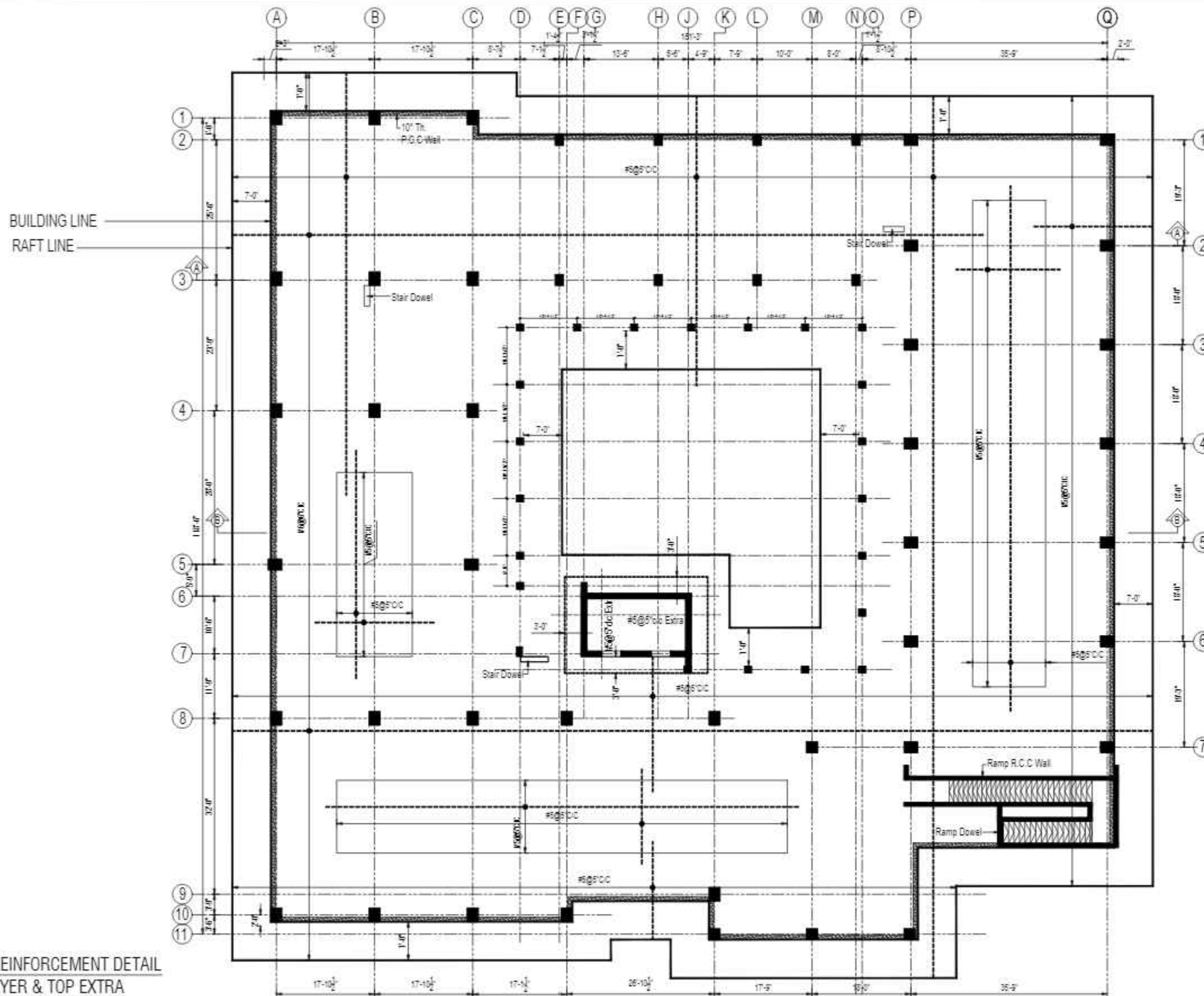


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RAFT REINFORCEMENT DETAIL
TOP LAYER & TOP EXTRA

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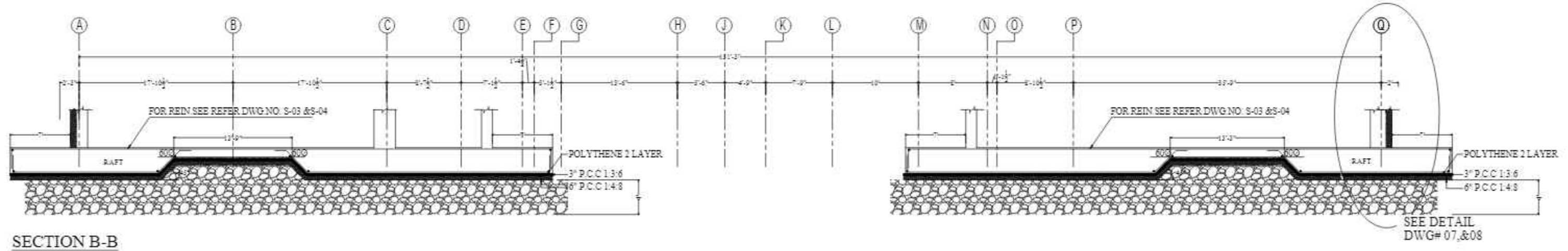
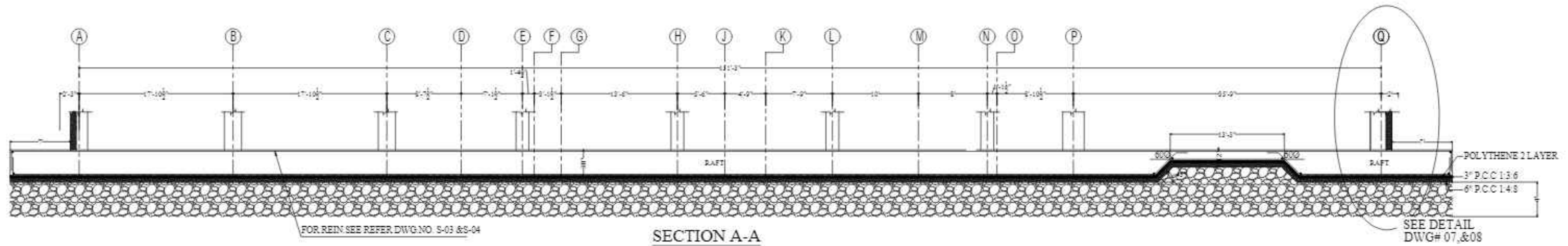
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						STR. HEAD:	NAJIB AHMAD									
						CAD CHECK:	ASIF IQBAL									
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						APPROVED BY:	NAJIB AHMAD									



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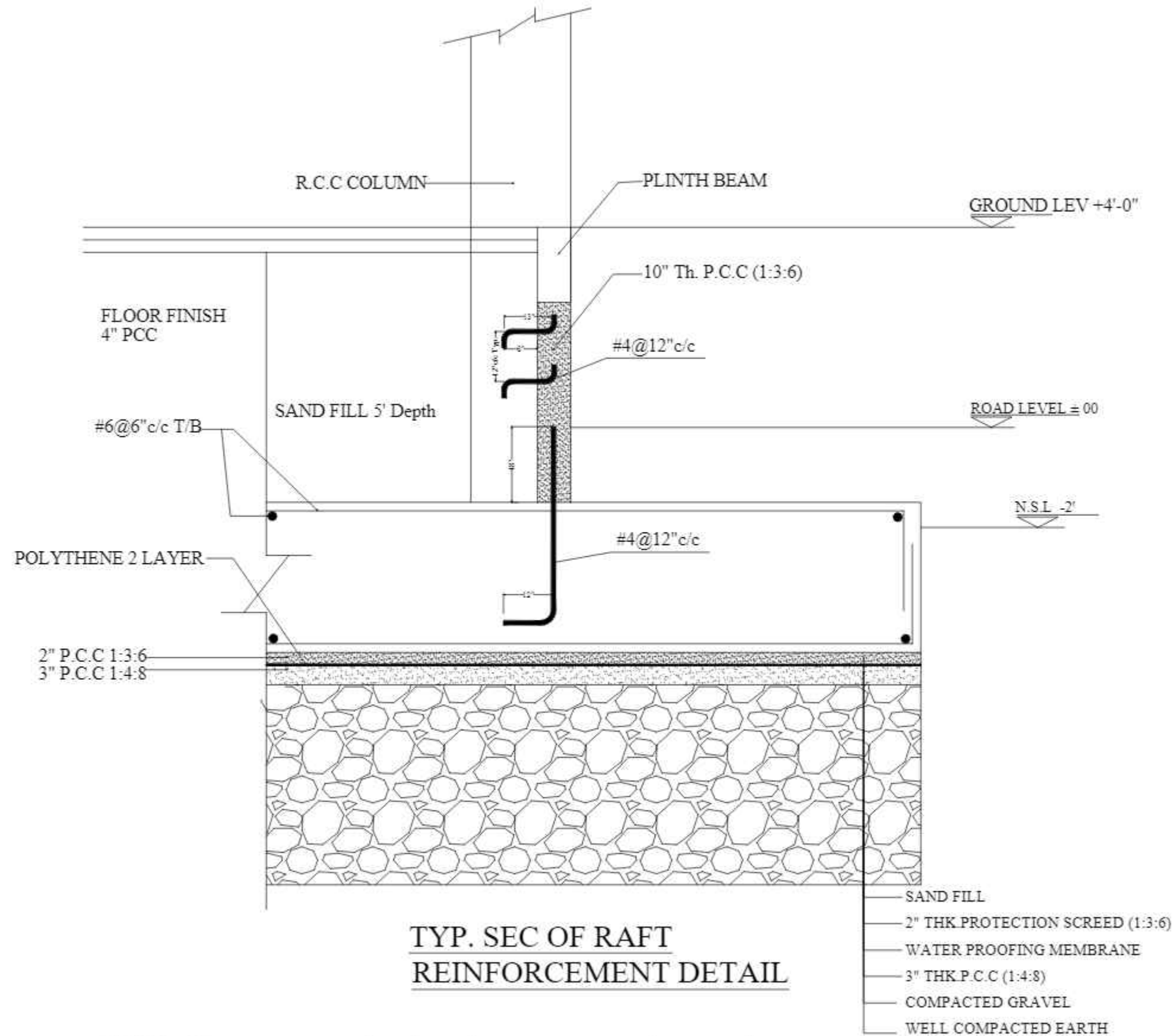


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			THE OWNER WILL APPOINT SUPERVISOR FOR			DESIGNED BY:	ZULFQAR		SECTION A-A		
			CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND			STR. HEAD:	NAJIB AHMAD		TYPE OF DRAWING:-	ISSUED FOR:-	
			THE SUPERVISOR ARE RESPONSIBLE FOR QUALITY AND			CAD CHECK:	ASIF IQBAL				
			STABILITY OF BUILT STRUCTURE. THE STRUCTURE ENGINEER/ARCHITECT IS ONLY RESPONSIBLE FOR			QAG CHECK:	MANSAB DAR				
			STRUCTURAL/ARCHITECTURAL DESIGN OF THE BUILDING, RESPECTIVELY.			APPROVED BY:	NAJIB AHMAD	STRUCTURE	TENDER		
								PROJECT:-		PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR	
SCALE:-		DATE:- MARCH-2015		DWG. NO.:- S-33-2022-S- 06		REVISION:-					



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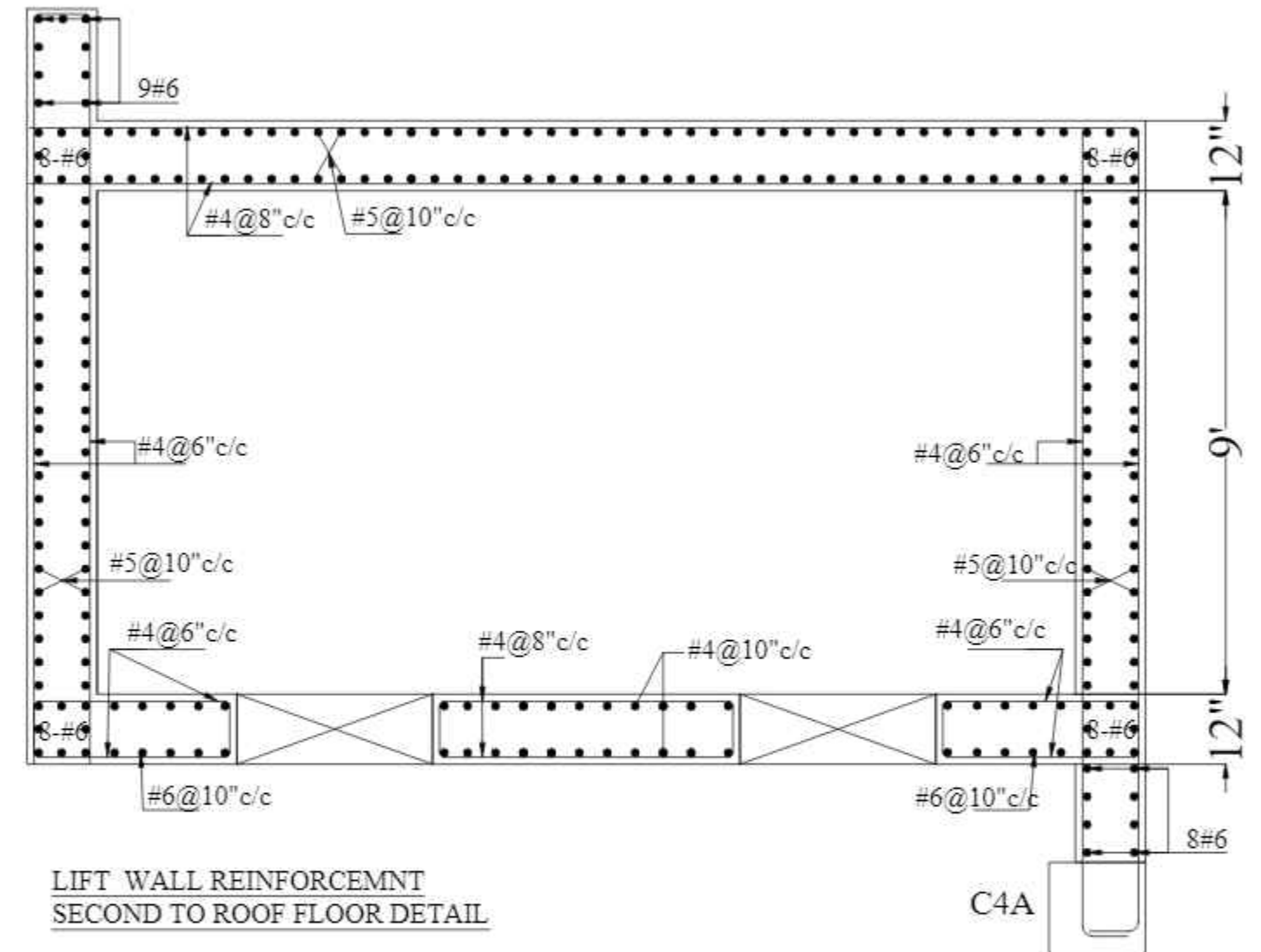
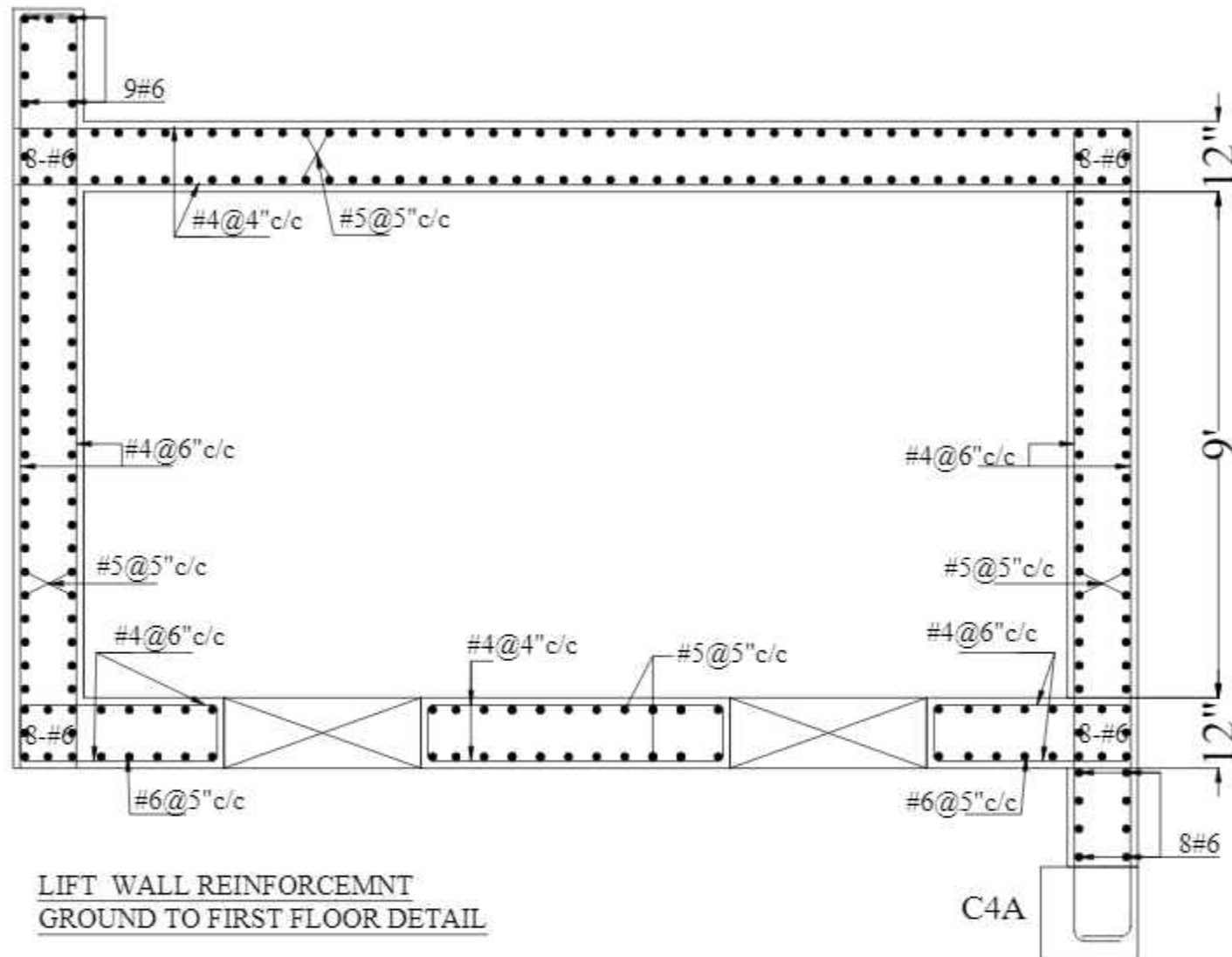
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						STR. HEAD:	NAJIB AHMAD									
						CAD CHECK:	ASIF IQBAL									
						QAG CHECK:	MANSAB DAR									
						APPROVED BY:	NAJIB AHMAD									




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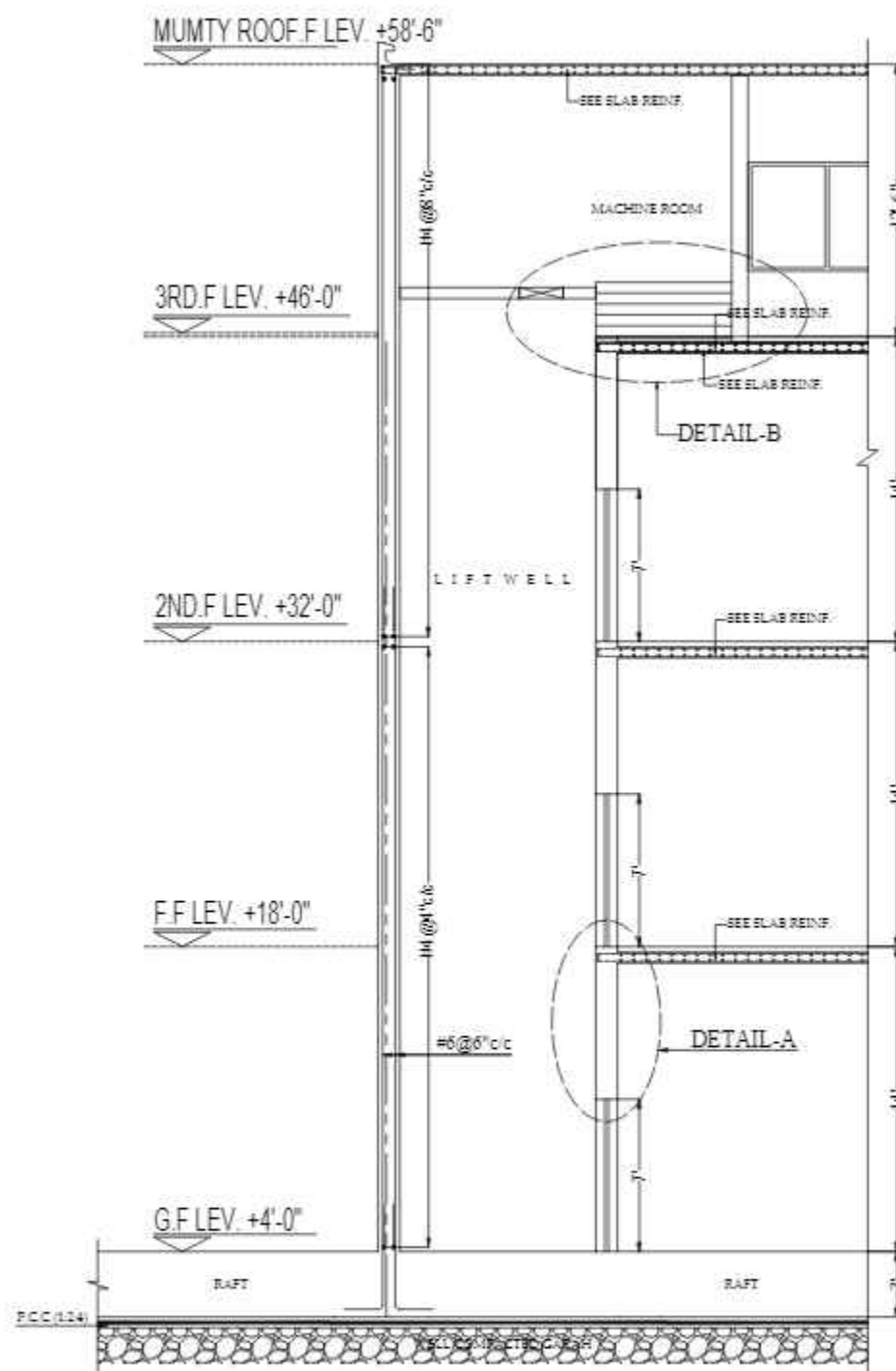
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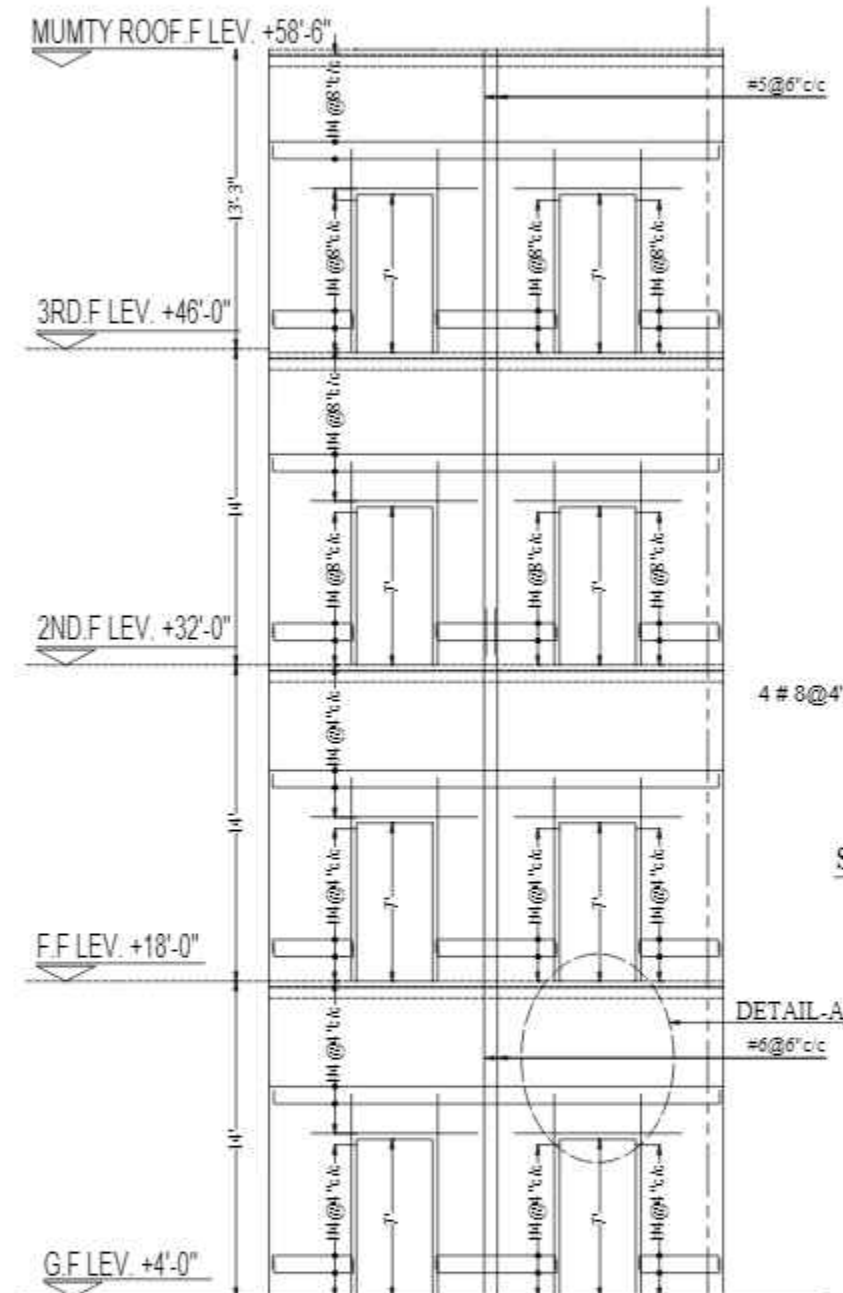


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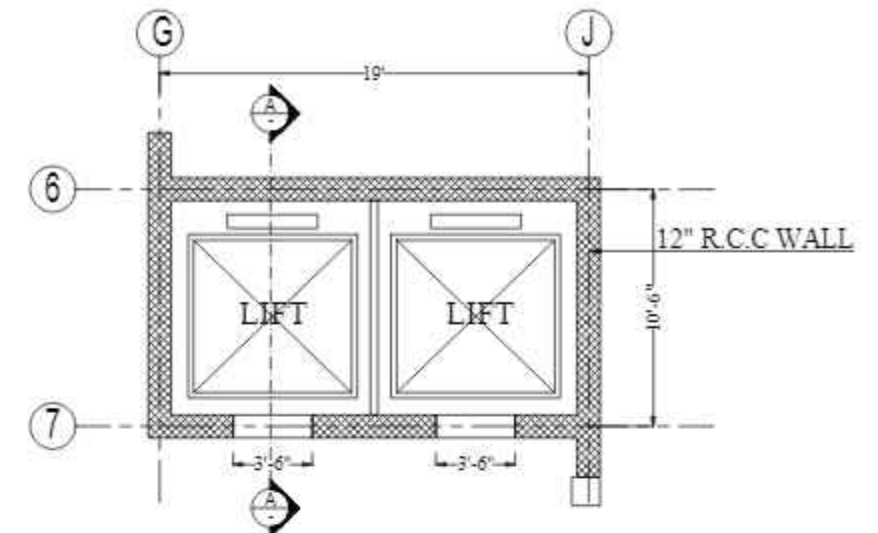
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			THE OWNER WILL APPOINT SUPERVISOR FOR			DESIGNED BY:	ZULFQAR		LIFT WALL REINFORCEMENT DETAIL			TYPE OF DRAWING:- STRUCTURE	ISSUED FOR:- TENDER	PROJECT:- PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR	
			CONSTRUCTION OF THIS 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			APPROVED BY:	NAJIB AHMAD								
			STRUCTURAL/ARCHITECTURAL DESIGN OF THE BUILDING, RESPECTIVELY.									SCALE:-	DATE:- MARCH-2015	DWG NO:- S-33-2022-S- 09	REVISION:- 00



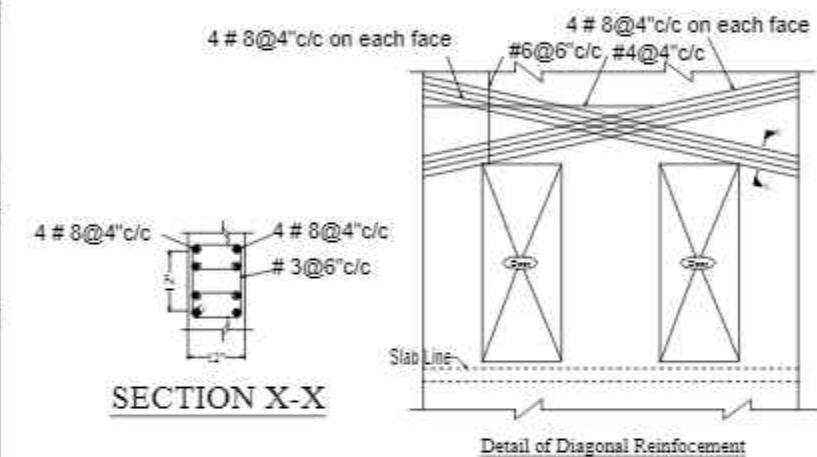
SECTION A-A



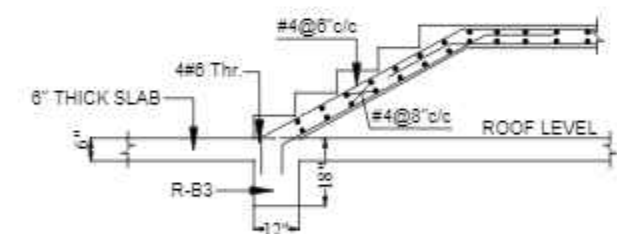
LIFT ELEVATION



DETAIL OF LIFT
GROUND FLOOR PLAN



SECTION X-X

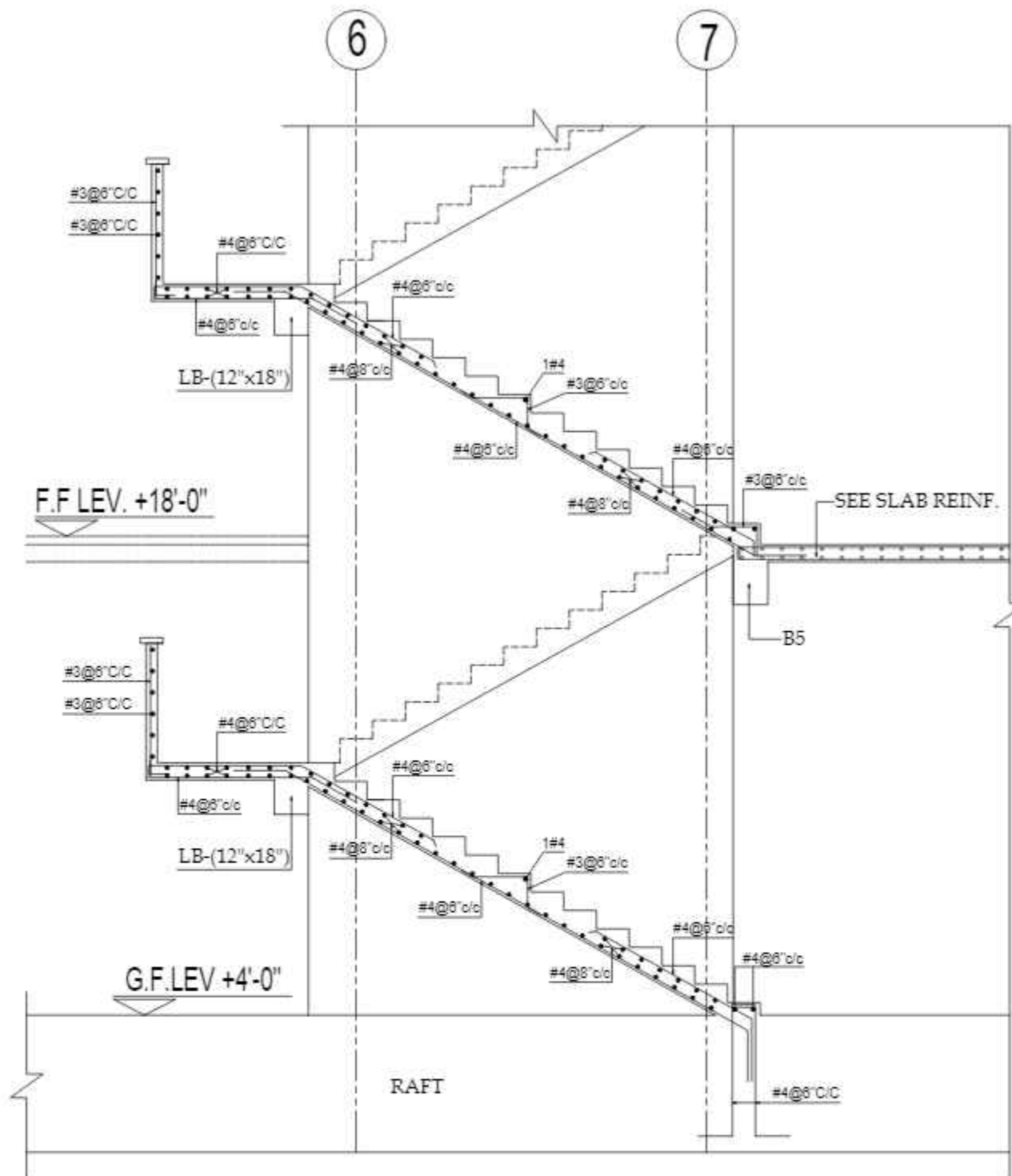


DETAIL - B
MACHINE ROOM STEPS

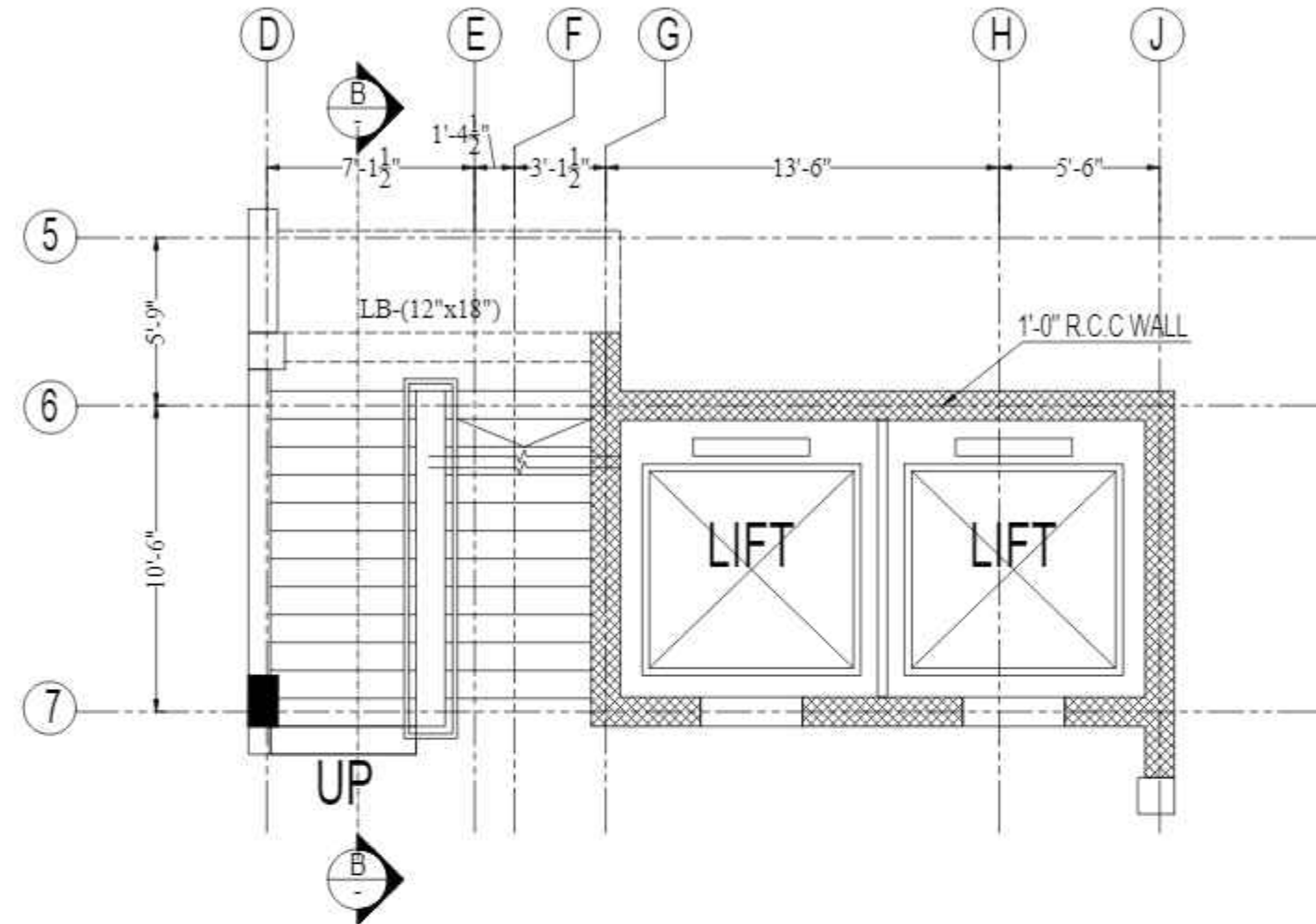
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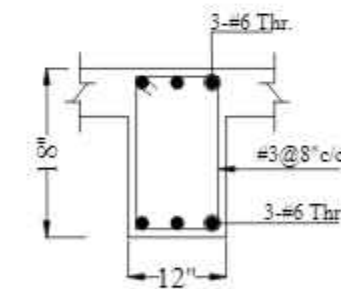
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						STR. HEAD:	NAJIB AHMAD					Ph: 92-51-2828577, 2829002				
						CAD CHECK:	ASIF IQBAL					Fax: 92-51-2307615				
						QAG CHECK:	MANSAB DAR					E-mail: designmenislambad@gmail.com				
						APPROVED BY:	NAJIB AHMAD									



SECTION -B-B



DETAIL OF STAIR-01
GROUND FLOOR PLAN



LB (12"x18")

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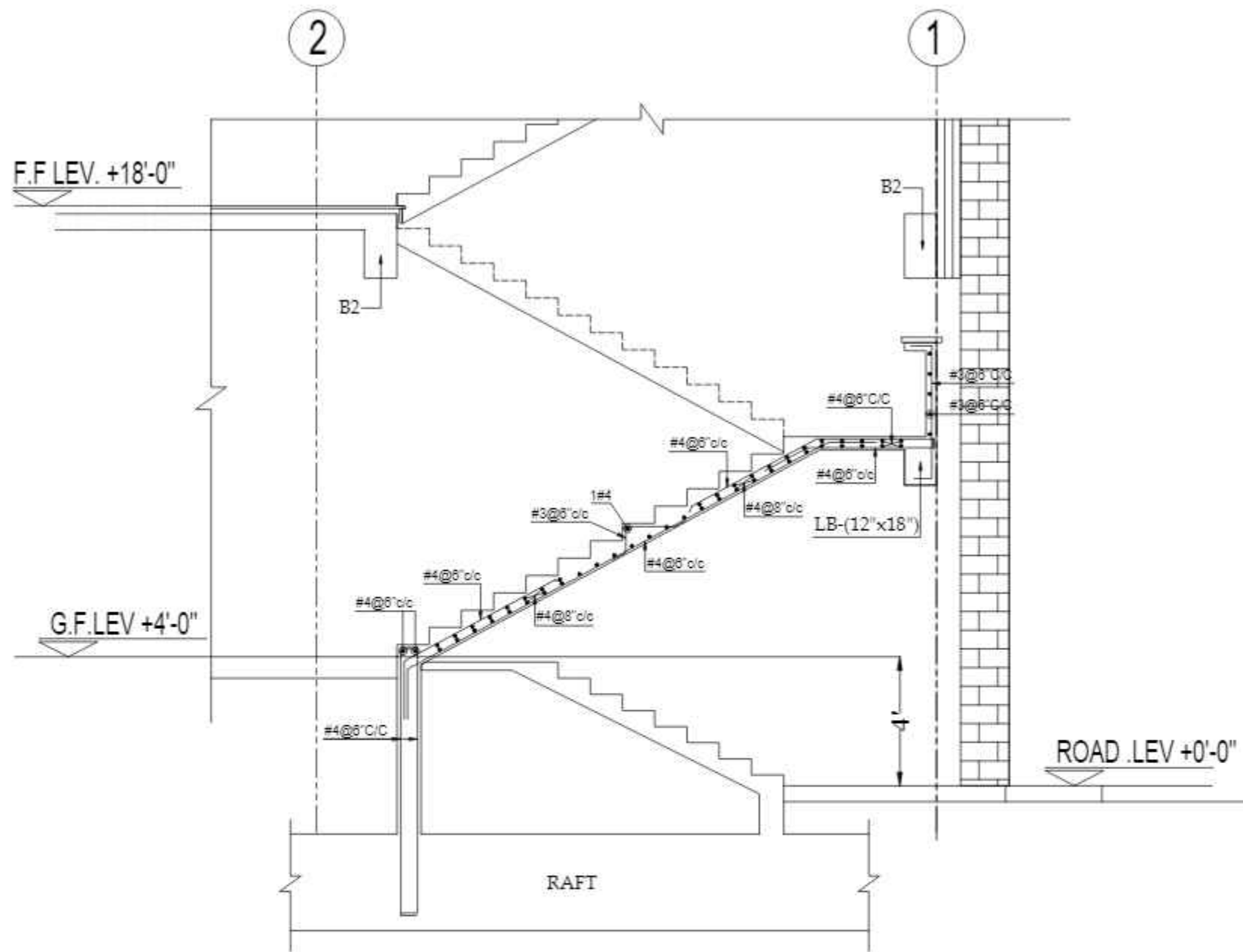
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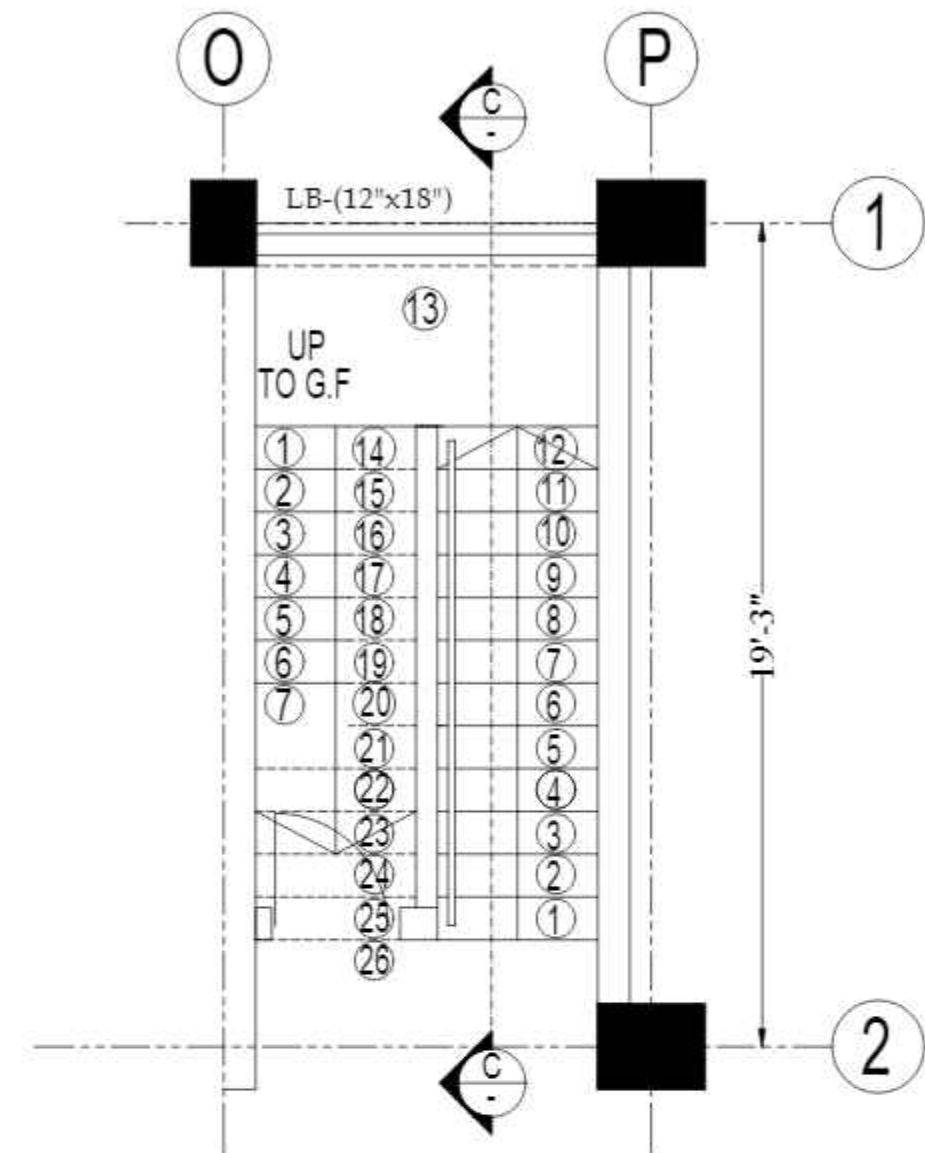
PROJECT - PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR

SCALE - DATE - MARCH-2015 DWE NO - S-33-2022-S- 11 REVISION - 00

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



SECTION -C-C



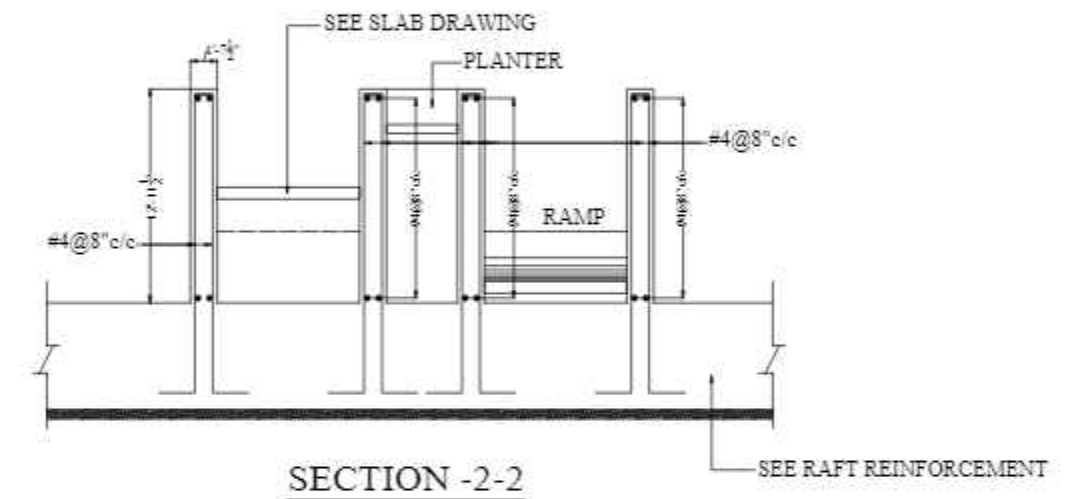
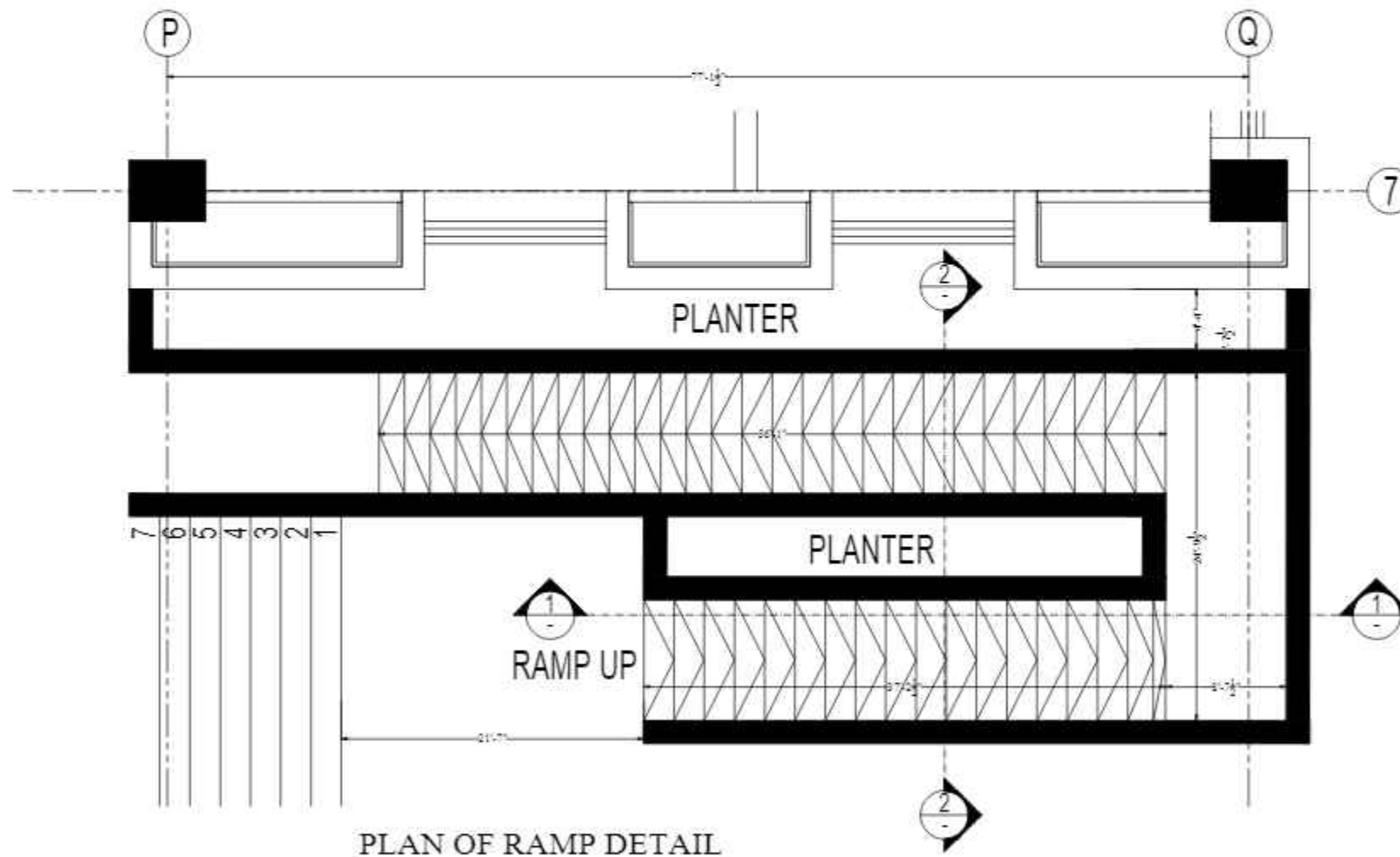
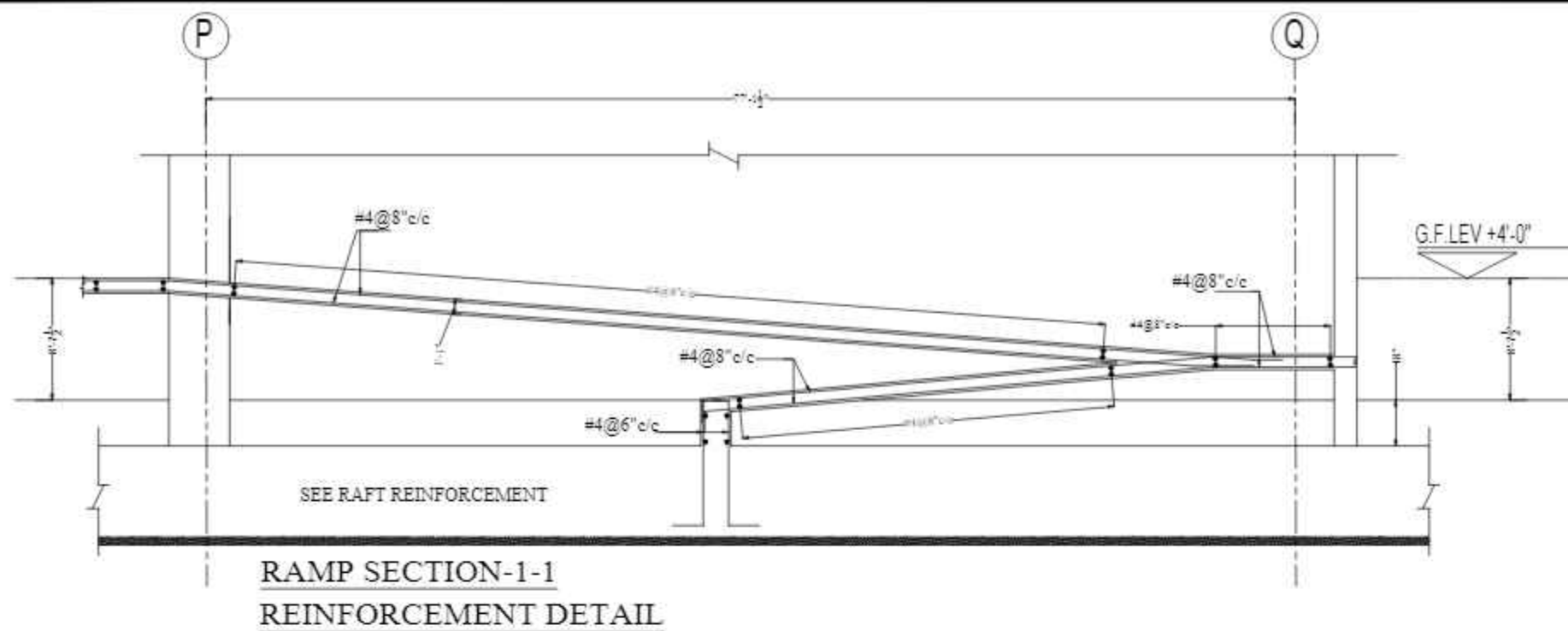
DETAIL OF STAIR-02
GROUND FLOOR PLAN

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PROJECT -

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

SCALE -

DATE -

DWG NO -

S-33-2022-S- 13

REVISION -

00

TITLE -

RAMP REINFORCEMENT DETAIL

TYPE OF DRAWING -

STRUCTURE

ISSUED FOR -

TENDER

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CHECK

APPR.

DRAWN BY:

ASIF IQBAL

DESIGNED BY:

ZULFQAR

STR. HEAD:

NAJIB AHMAD

CAD CHECK:

ASIF IQBAL

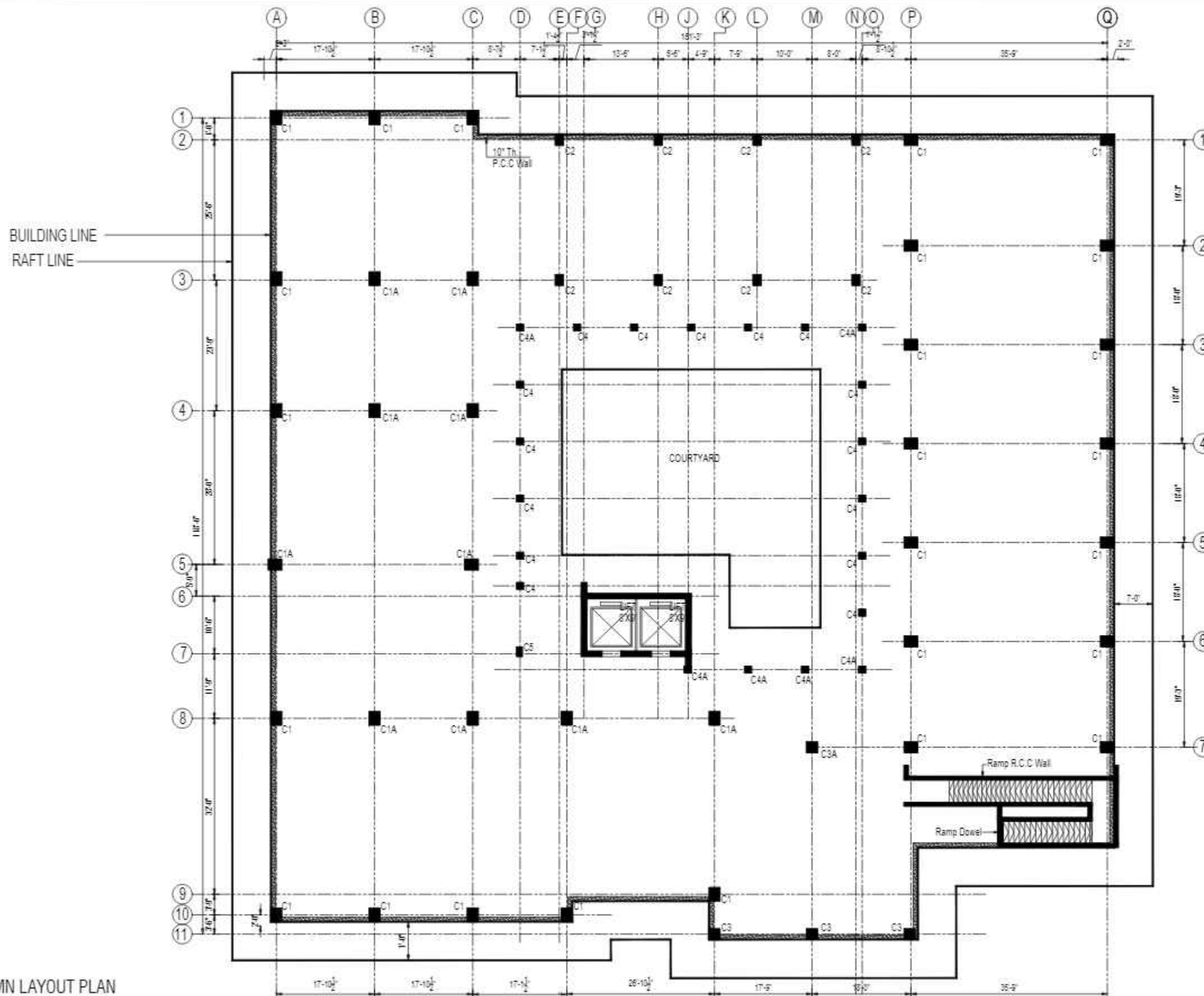
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PROJECT -

PROPOSED TECHNOLOGY (NASTECH) PARK AT
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SCALE -

DATE -

DWG NO -

S-33-2022-S- 14

REVISION -

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FILE NO. S-33-2022

REV No.	DATE	REVISIONS

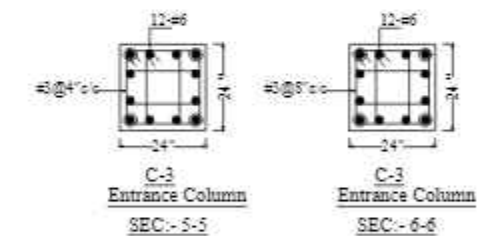
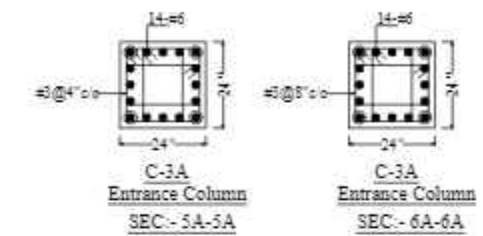
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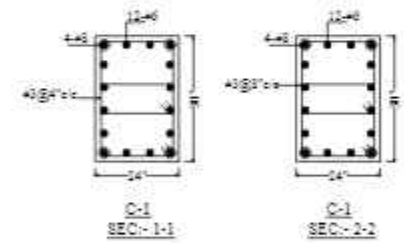
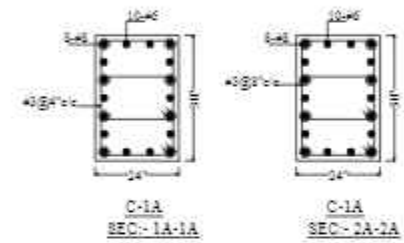
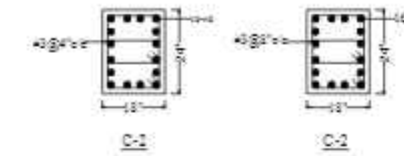
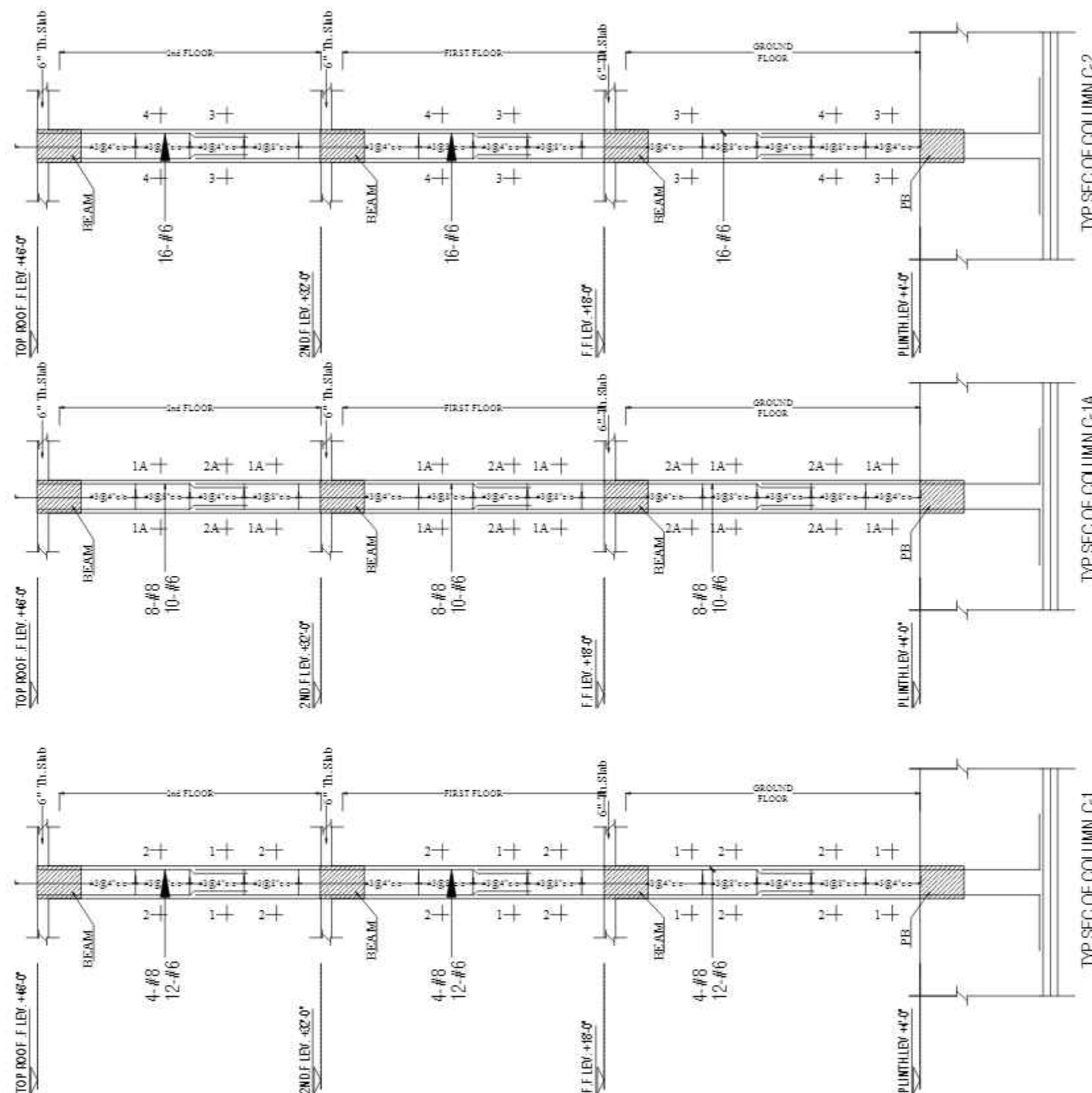
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DESIGNED BY:	ZULFQAR
STR. HEAD:	NAJIB AHMAD
CAD CHECK:	ASIF IQBAL
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COLUMN LAYOUT PLAN	
TYPE OF DRAWING -	ISSUED FOR -
STRUCTURE	TENDER



FILE NO. S-33-2022



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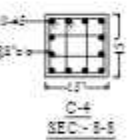
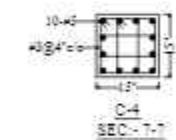
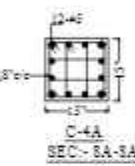
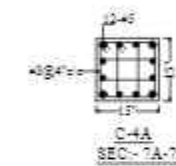
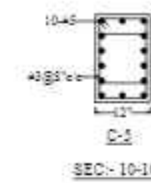
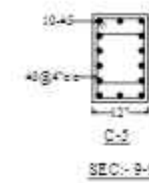
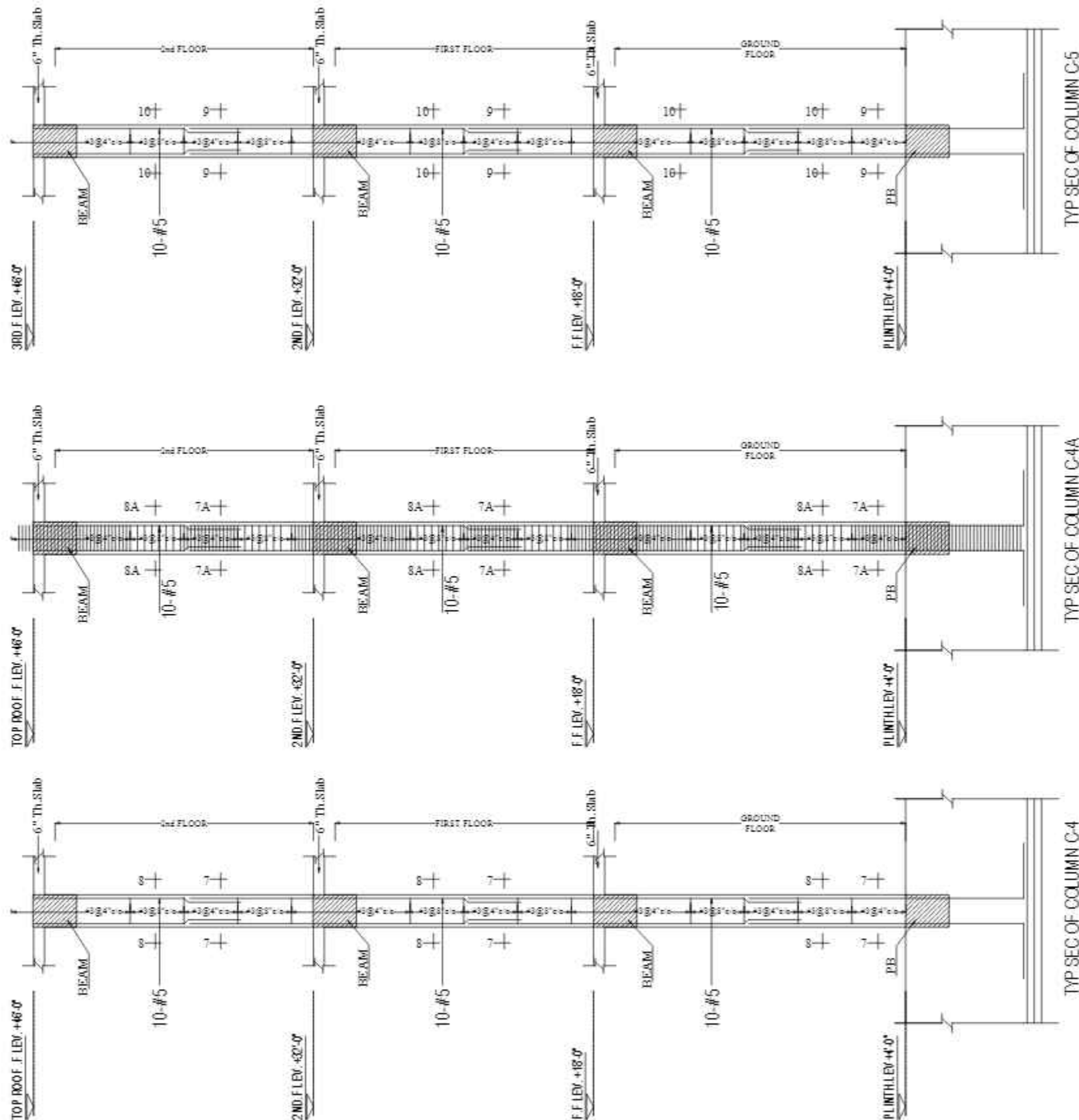
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PROJECT - **PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR.**

SCALE: DATE: MARCH-2015 DWE NO: S-33-2022-S- 15A REVISION: 00

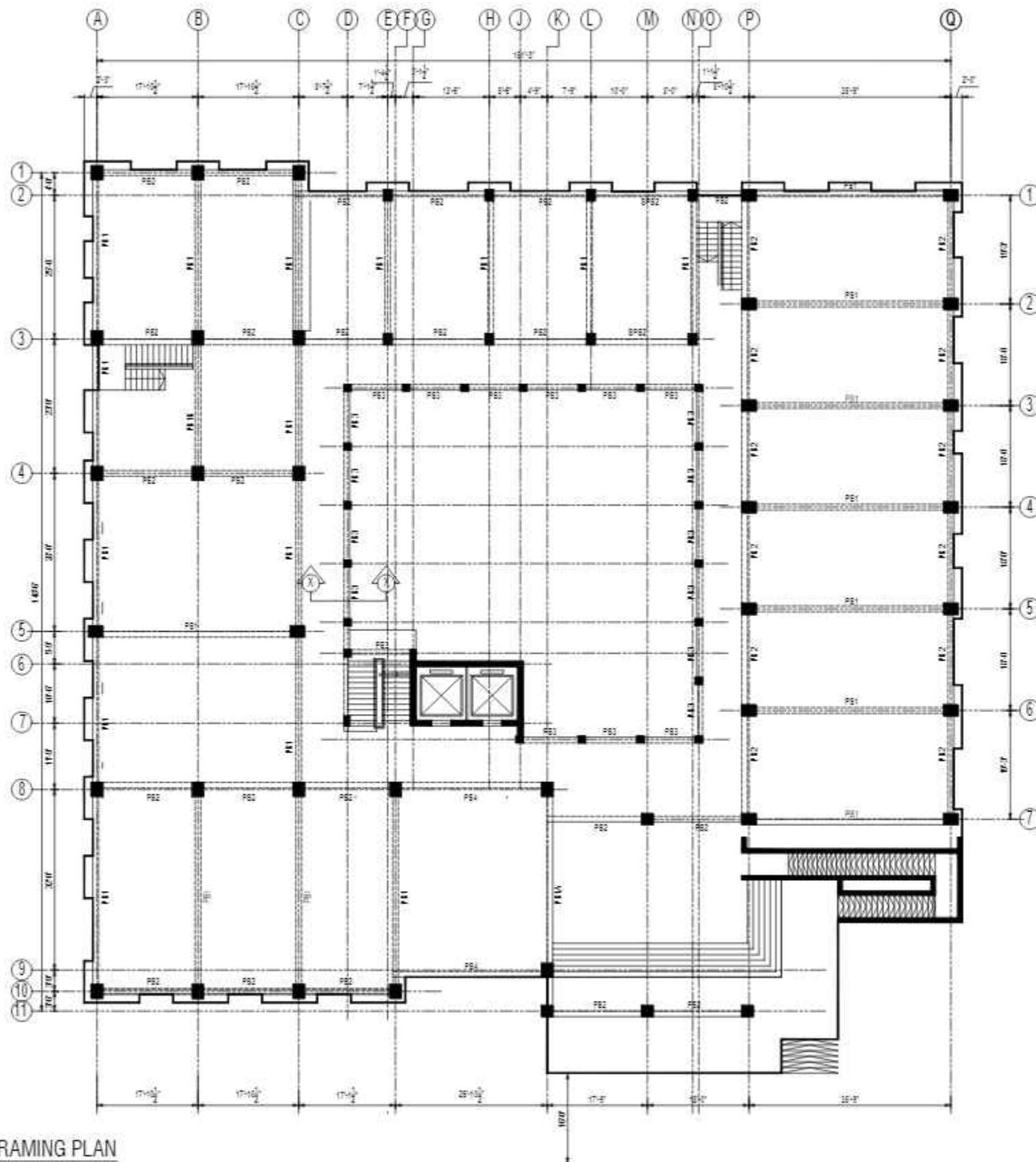
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						QAG CHECK:	MANSAB DAR		STRUCTURE
						APPROVED BY:	NAJIB AHMAD		TENDER



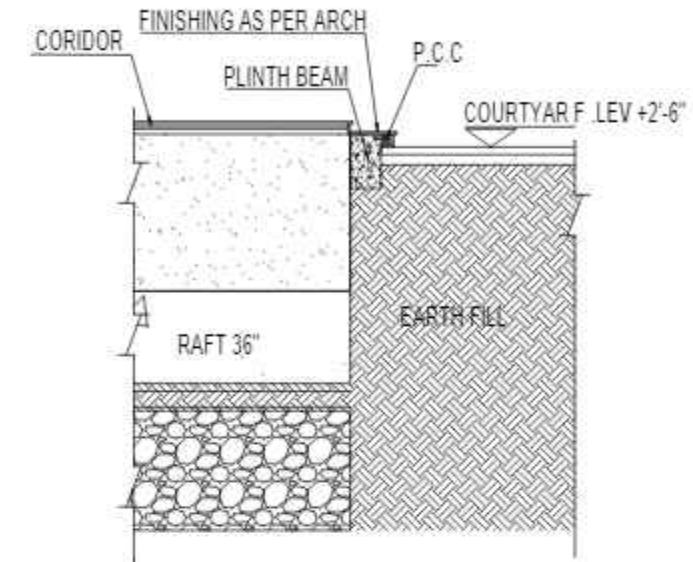
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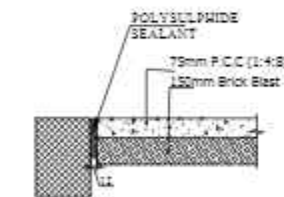
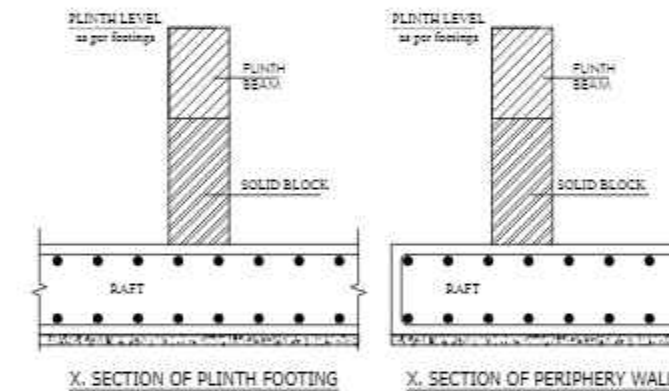
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PLINTH BEAM FRAMING PLAN



SECTION X-X

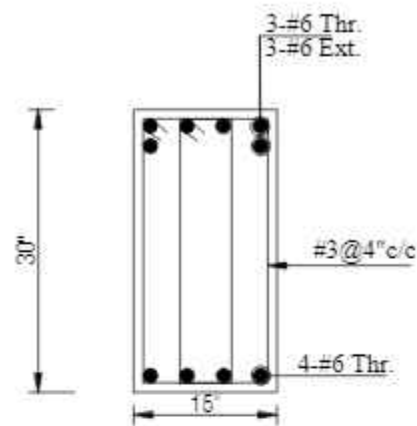


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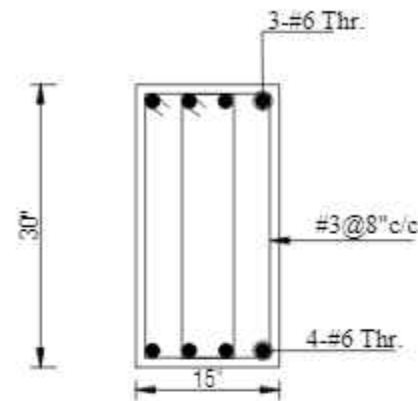
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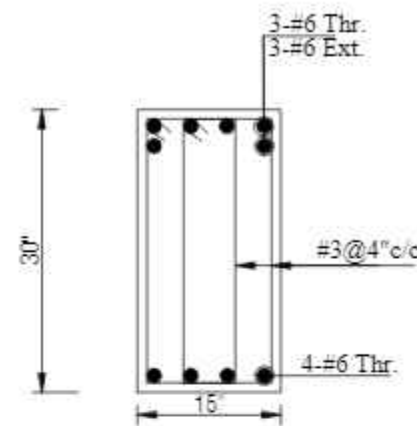
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						STR. HEAD:	NAJIB AHMAD					Ph: 92-51-2828577, 2829002				
						CAD CHECK:	ASIF IQBAL					Fax: 92-51-2307615				
						QAG CHECK:	MANSAB DAR					E-mail: designmenislambad@gmail.com				
						APPROVED BY:	NAJIB AHMAD									



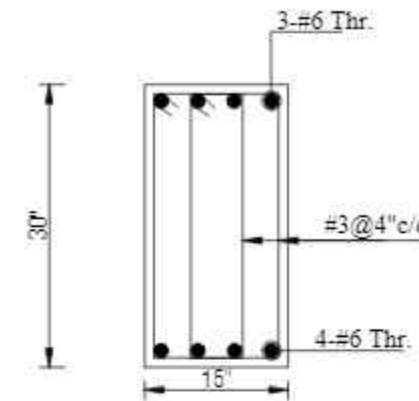
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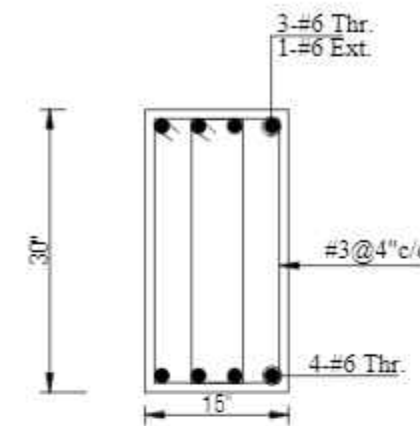
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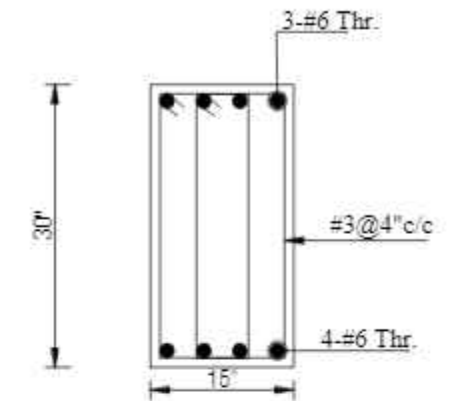
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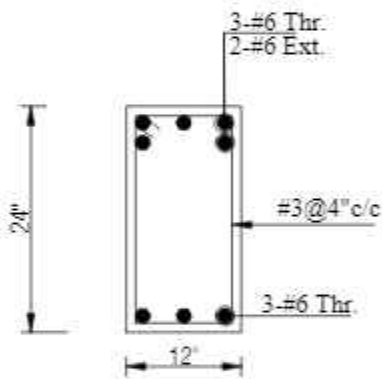
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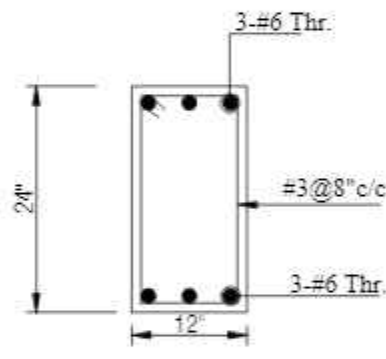
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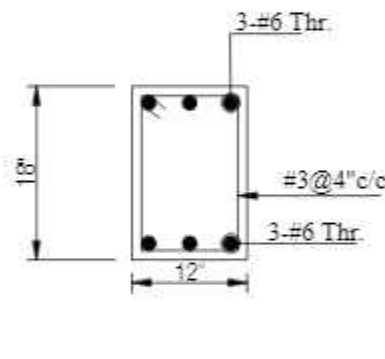
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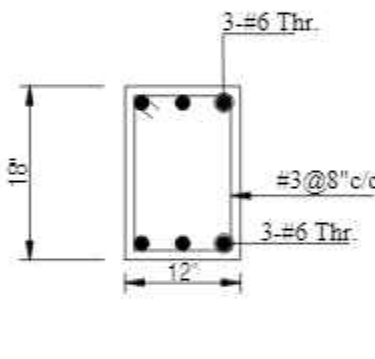
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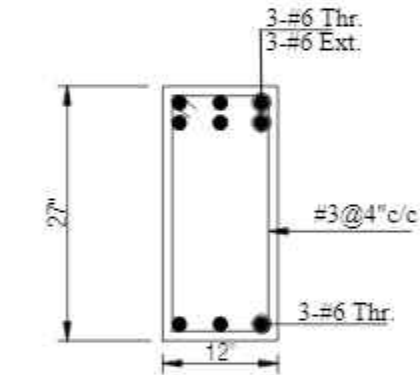
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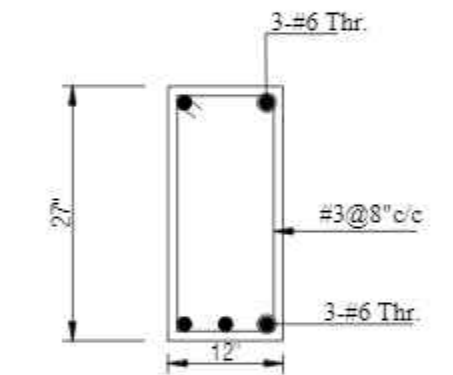
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PB3
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PB4
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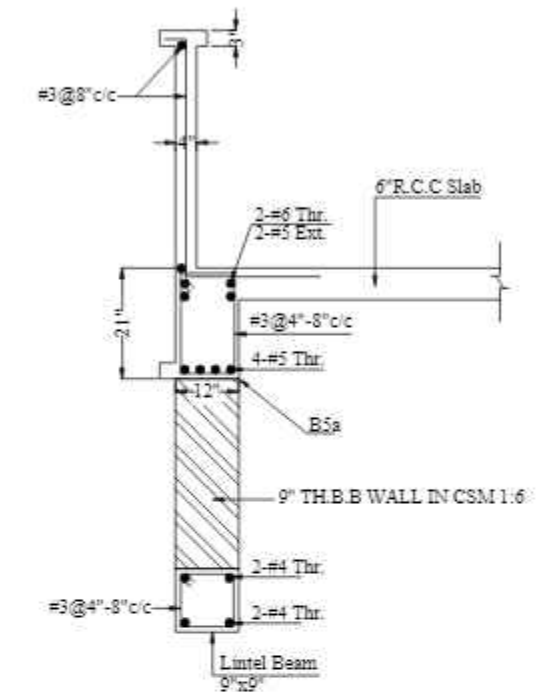
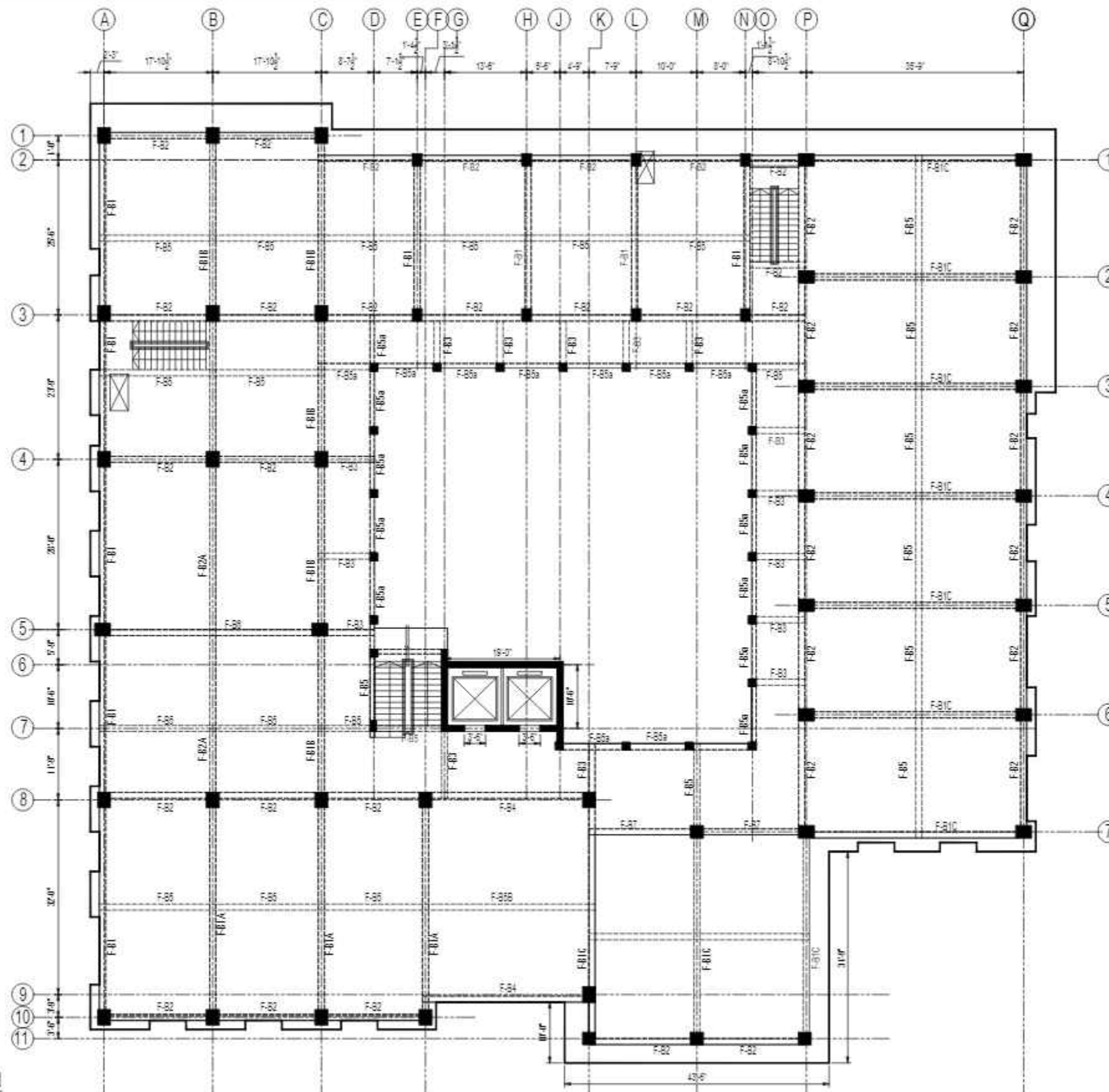
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						STR. HEAD:	NAJIB AHMAD									
						CAD CHECK:	ASIF IQBAL									
						QAG CHECK:	MANSAB DAR									
						APPROVED BY:	NAJIB AHMAD									



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FIRST FLOOR BEAM FRAMING PLAN

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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									

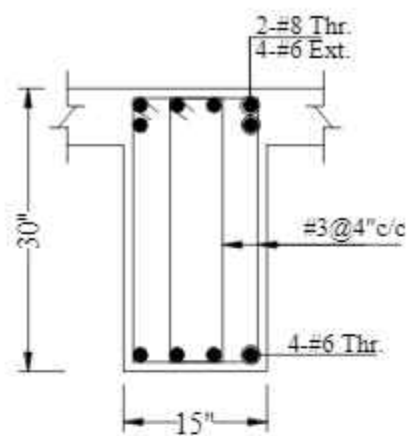
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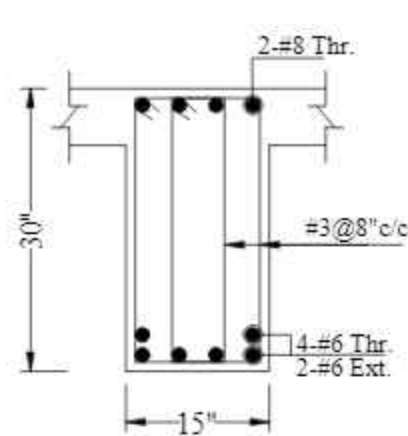
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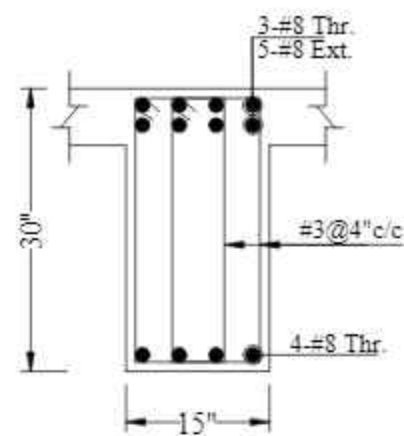
PROJECT - PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR



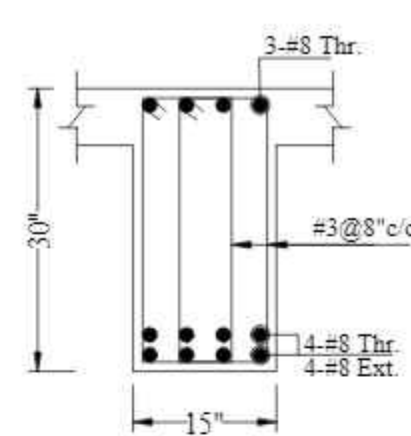
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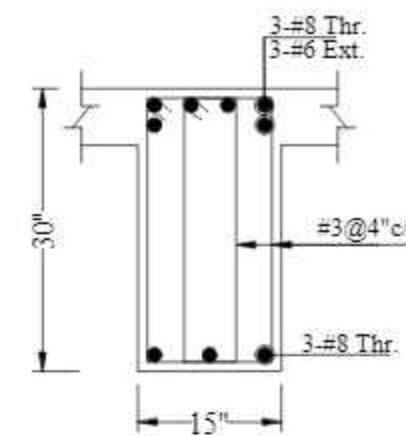
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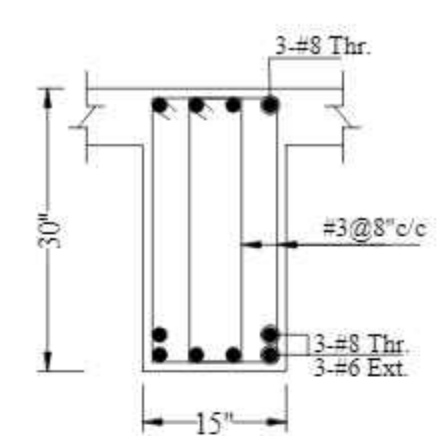
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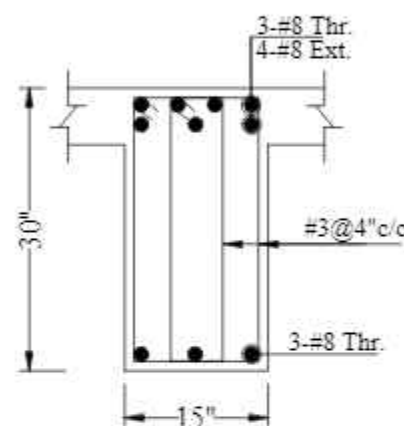
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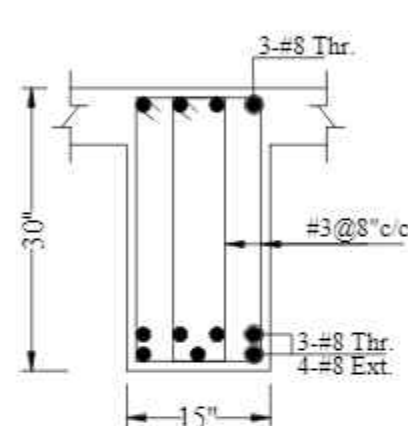
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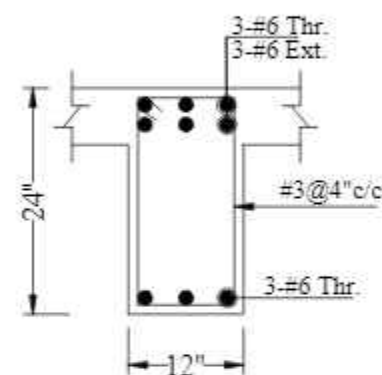
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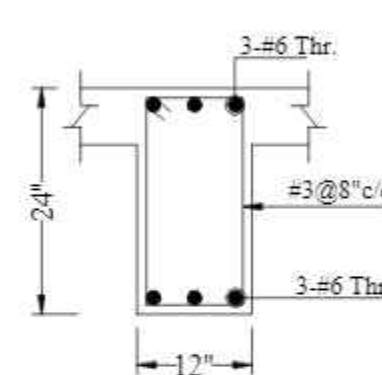
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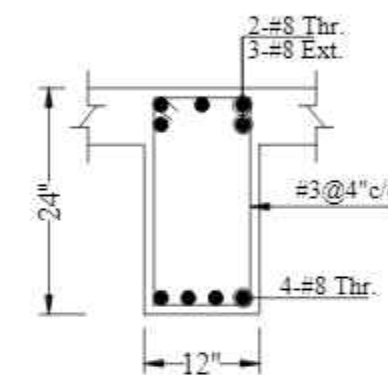
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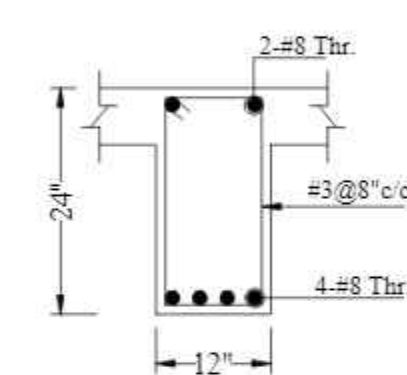
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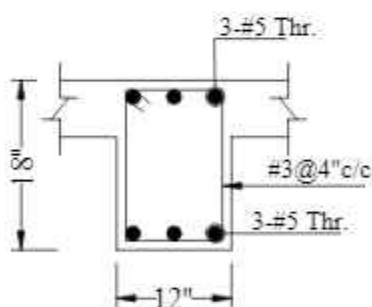
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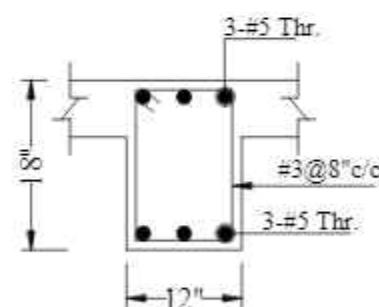
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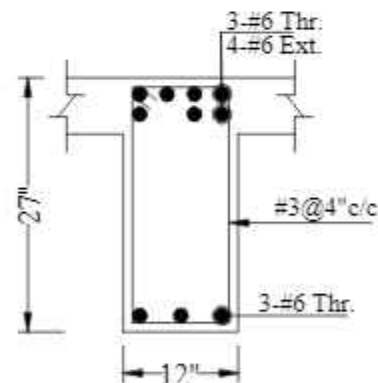
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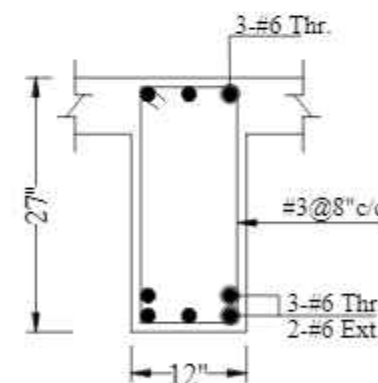
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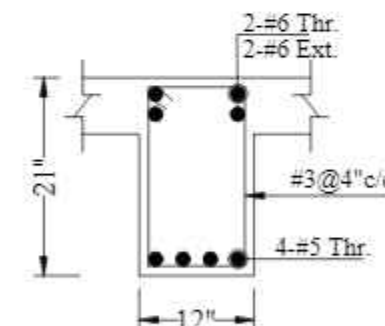
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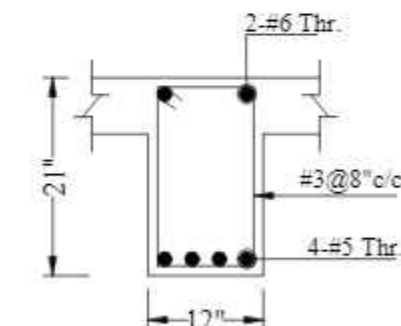
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F-B4
AT MID




F-B5
AT SUPPORT

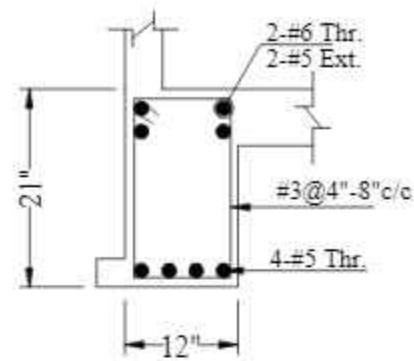


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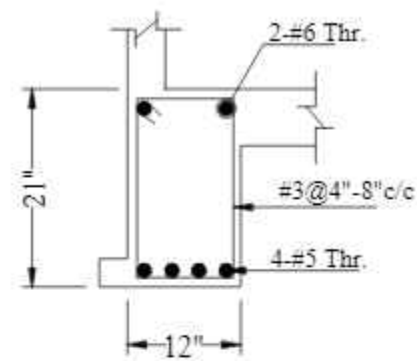
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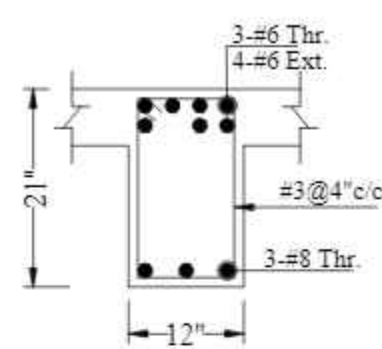
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						CAD CHECK:	ASIF IQBAL		STRUCTURE	TENDER	PROJECT:-		
						QAG CHECK:	MANSAB DAR				PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR		
						APPROVED BY:	NAJIB AHMAD			SCALE:-	DATE:- MARCH-2015	DWG NO:- S-33-2022-S- 20	REVISION:- 00



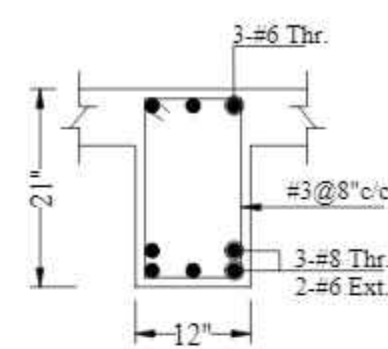
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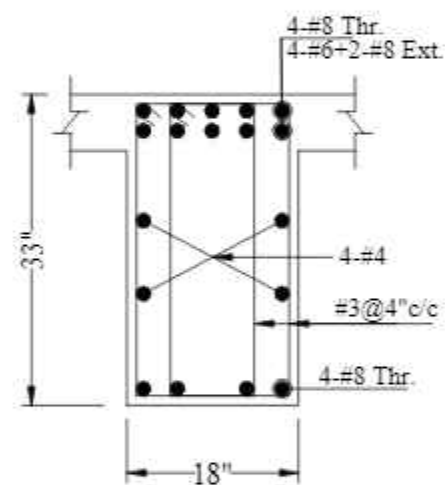
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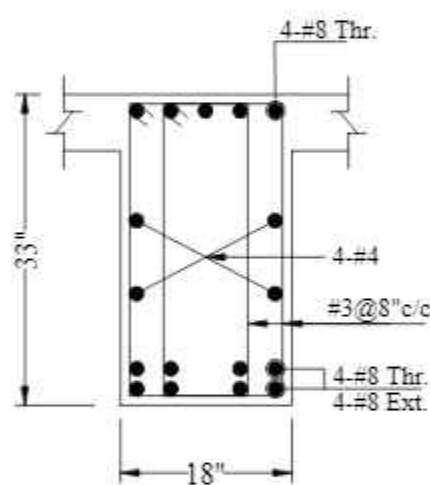
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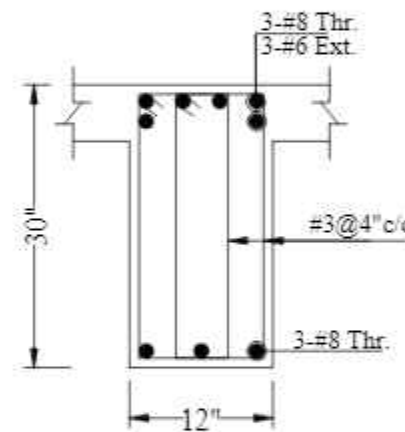
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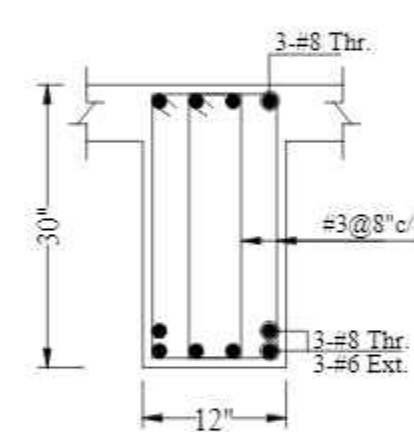
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AT SUPPORT



F-B6
AT MID



F-B1D
AT SUPPORT



F-B1D
AT MID

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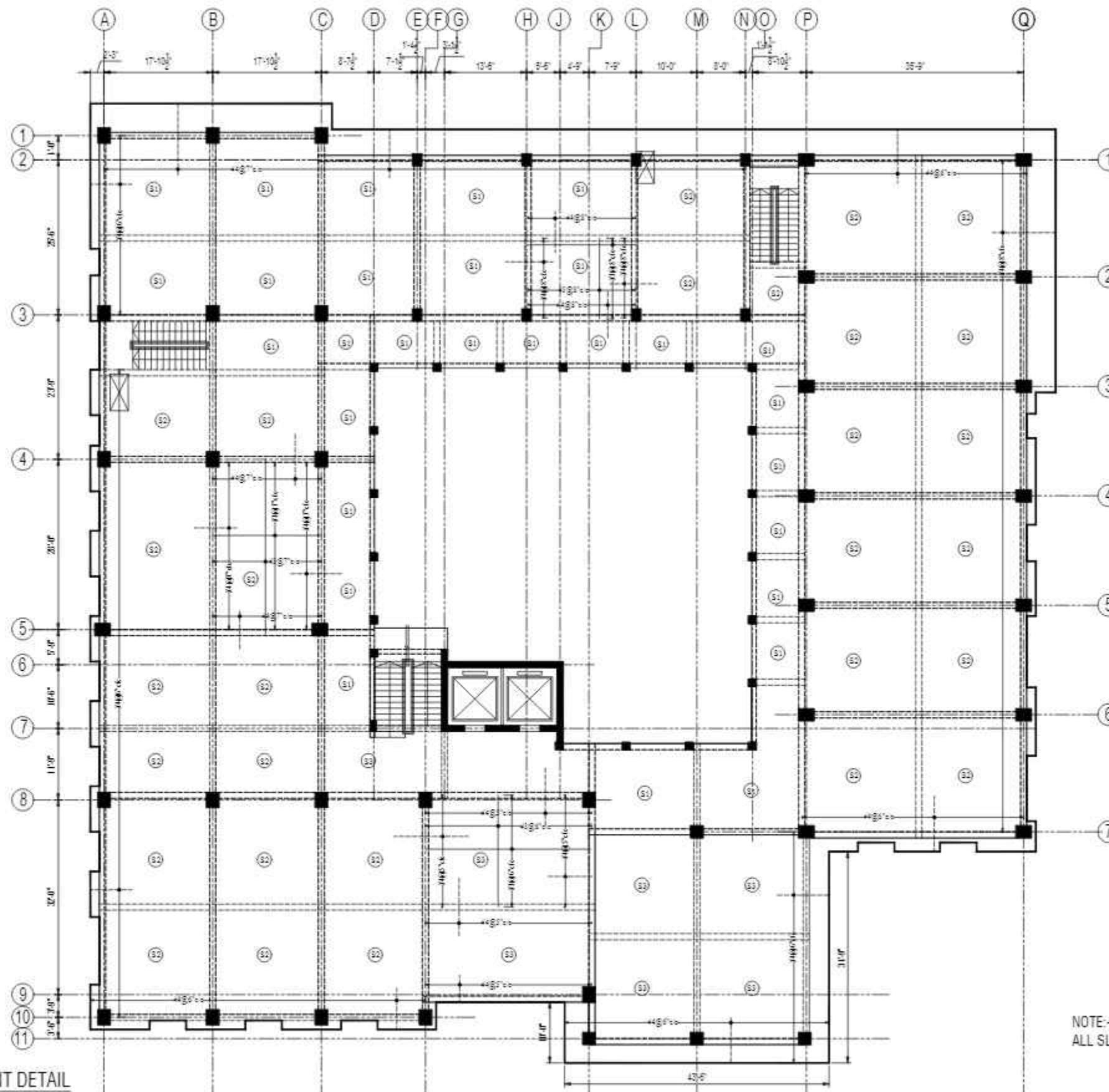
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PROJECT - PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR

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

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						APPROVED BY:	NAJIB AHMAD		TENDER



NOTE:-
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FIRST FLOOR SLAB REINFORCEMENT DETAIL

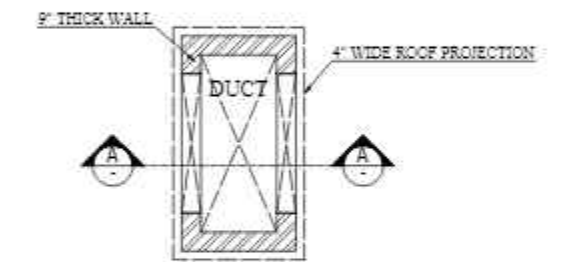
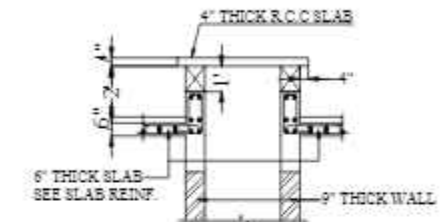
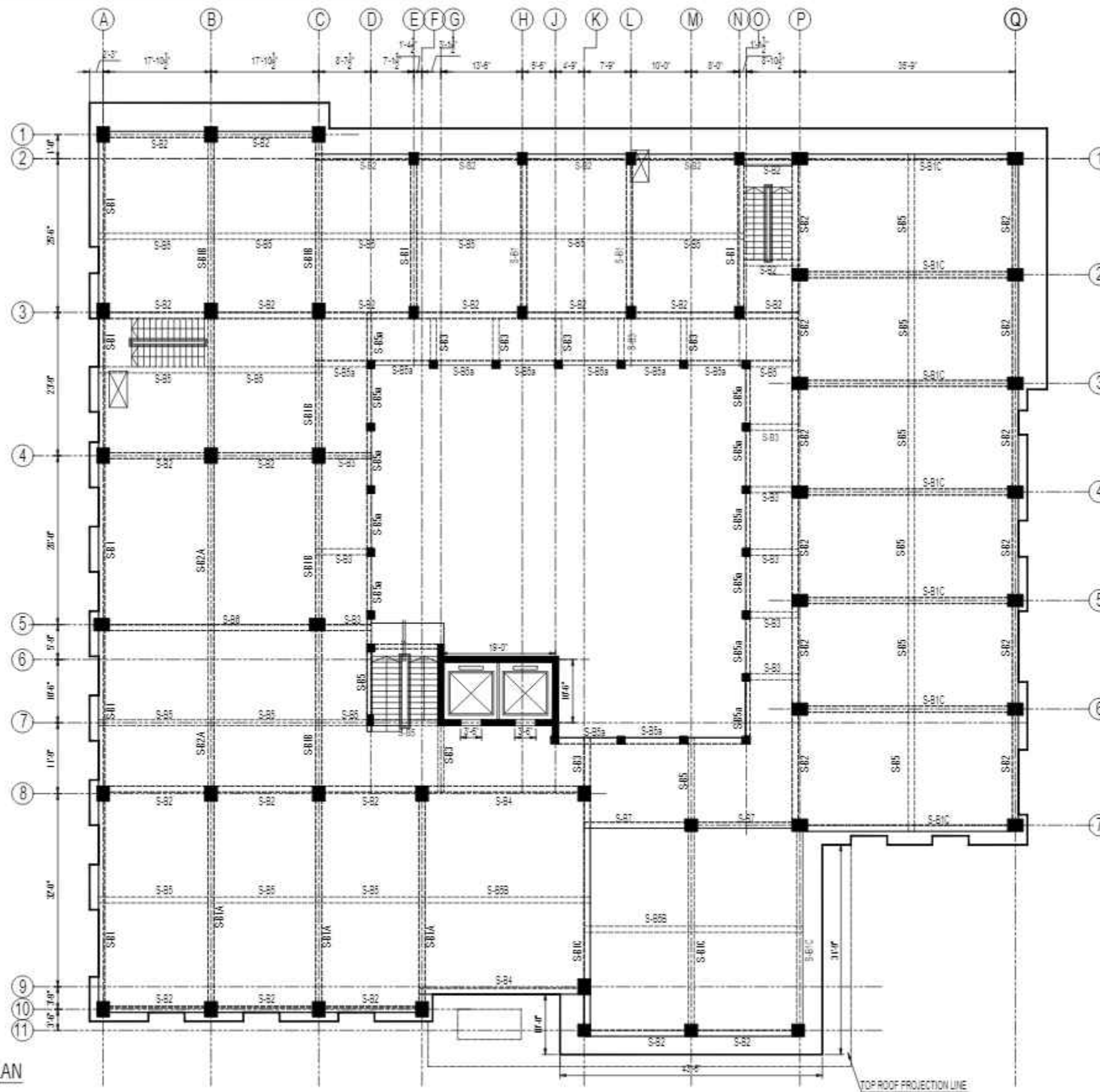
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						STR. HEAD:	NAJIB AHMAD									
						CAD CHECK:	ASIF IQBAL									
						QAG CHECK:	MANSAB DAR									
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PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR



SECOND FLOOR BEAM FRAMING PLAN

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						STR HEAD:	NAJIB AHMAD					Ph: 92-51-2828577, 2829002				
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						QAG CHECK:	MANSAB DAR					E-mail: designmenislambad@gmail.com				
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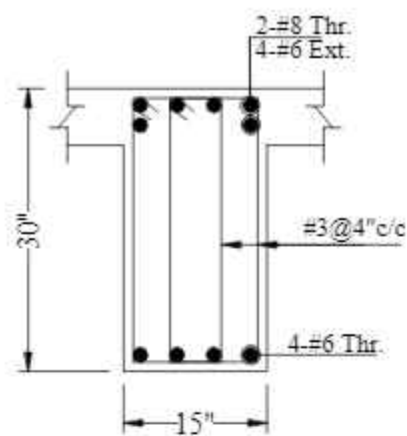
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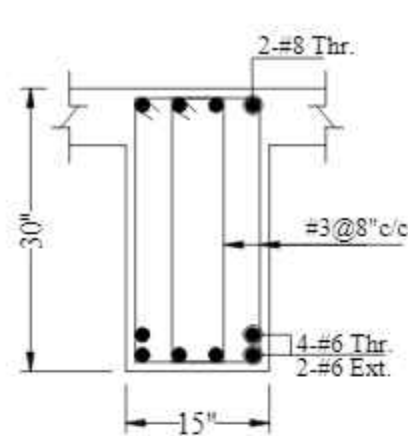
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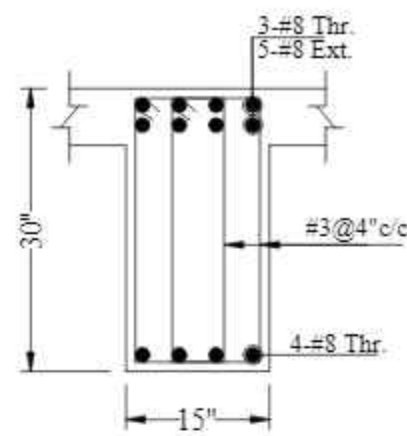
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SCALE -	DATE - MARCH-2015
DWG NO -	S-33-2022-S- 13
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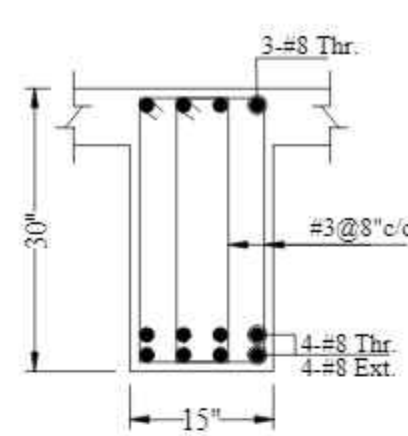
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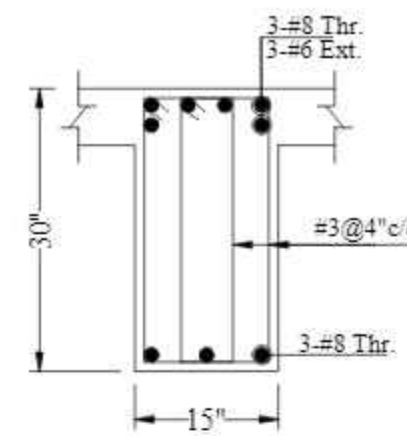
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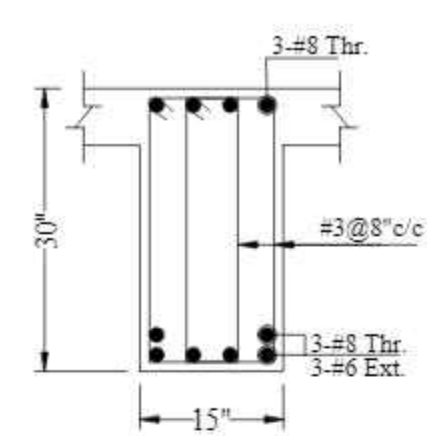
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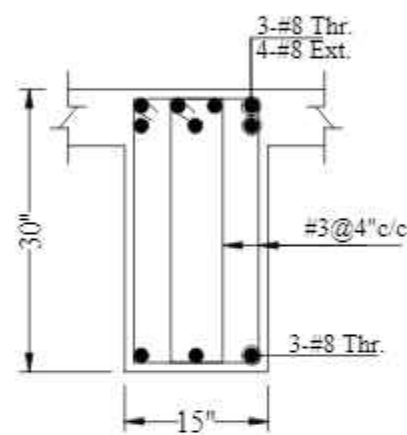
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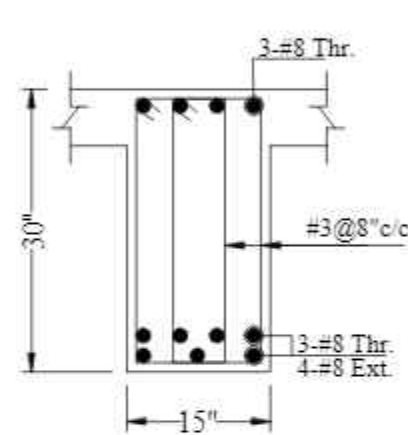
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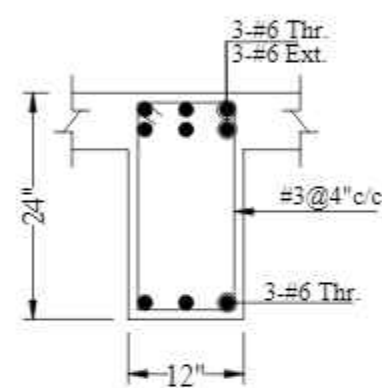
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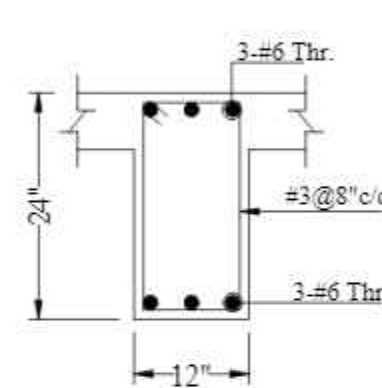
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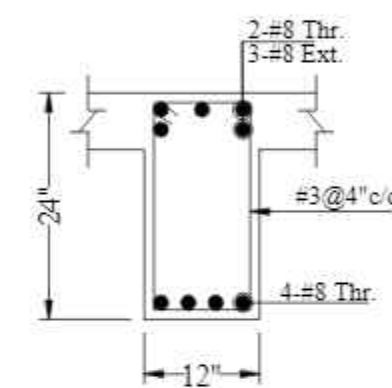
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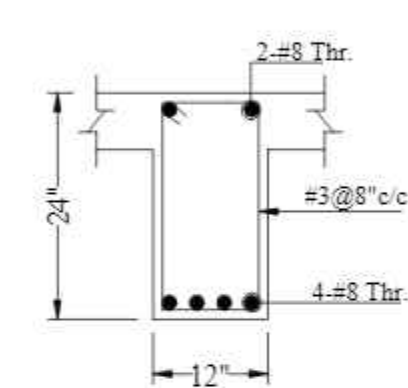
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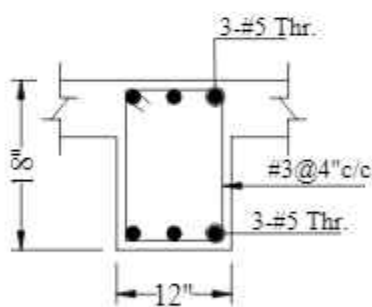
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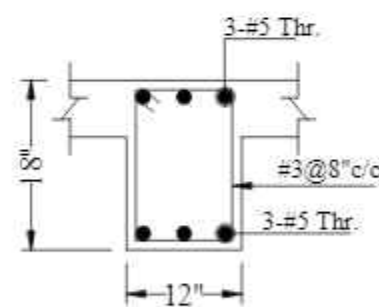
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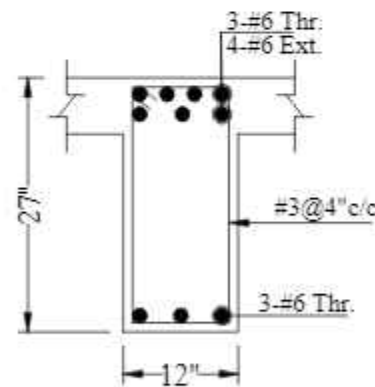
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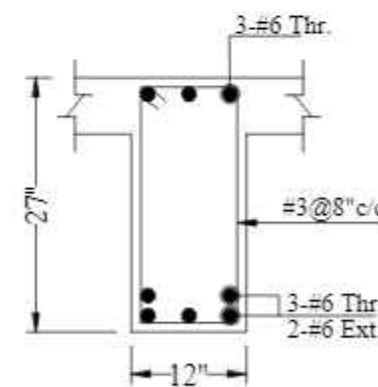
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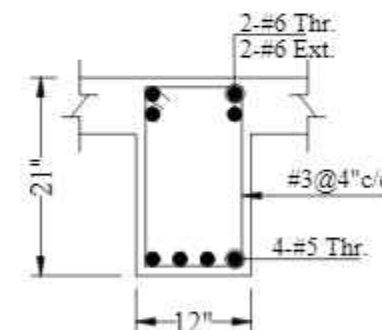
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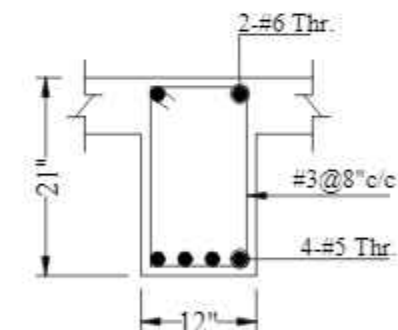
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S-B4
AT MID



S-B5
AT SUPPORT

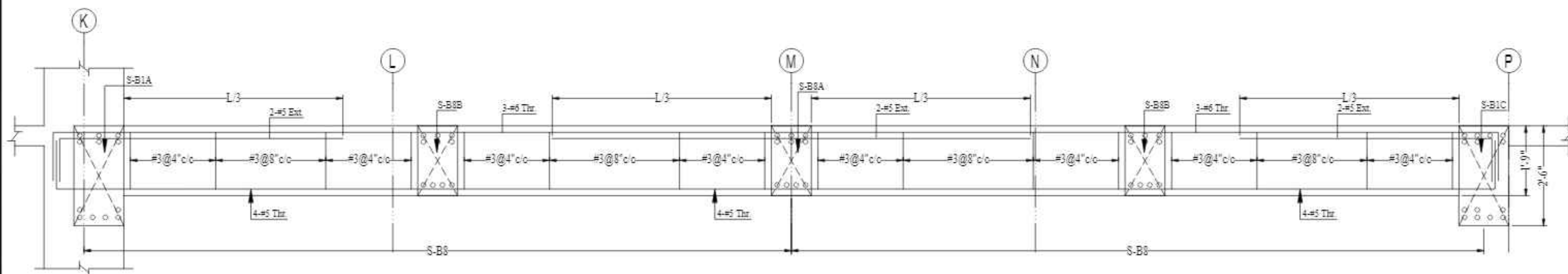
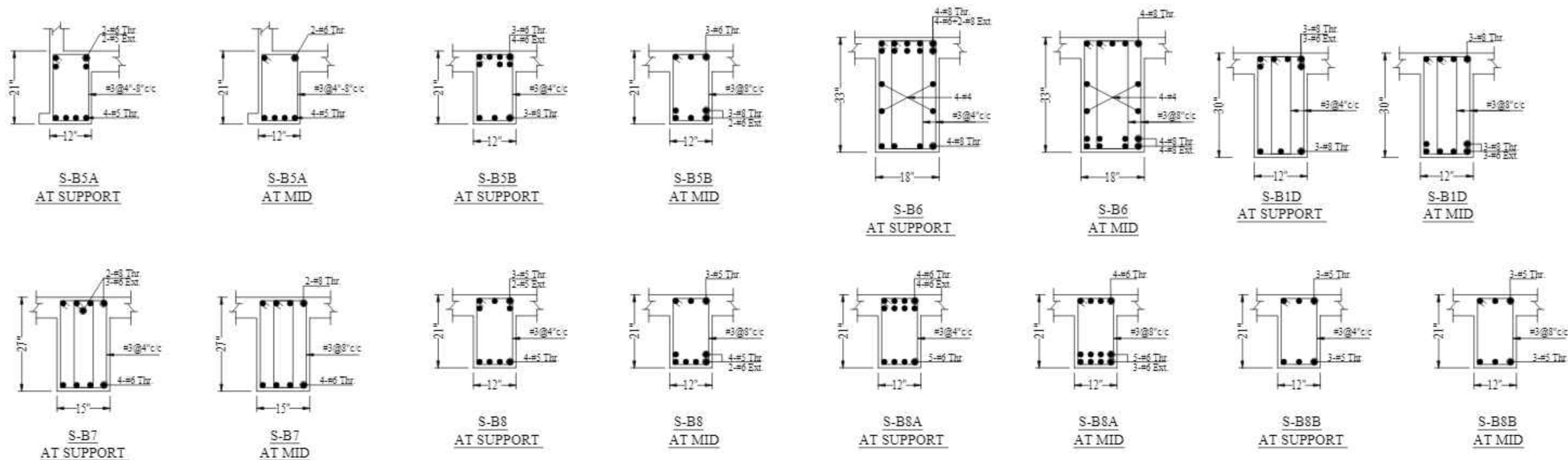


S-B5
AT MID

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			CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND			STR. HEAD:	NAJIB AHMAD						Ph: 92-51-2826577, 2829002									
			THE SUPERVISOR ARE RESPONSIBLE FOR QUALITY AND			CAD CHECK:	ASIF IQBAL						Fax: 92-51-2307615									
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SCALE -

DATE -

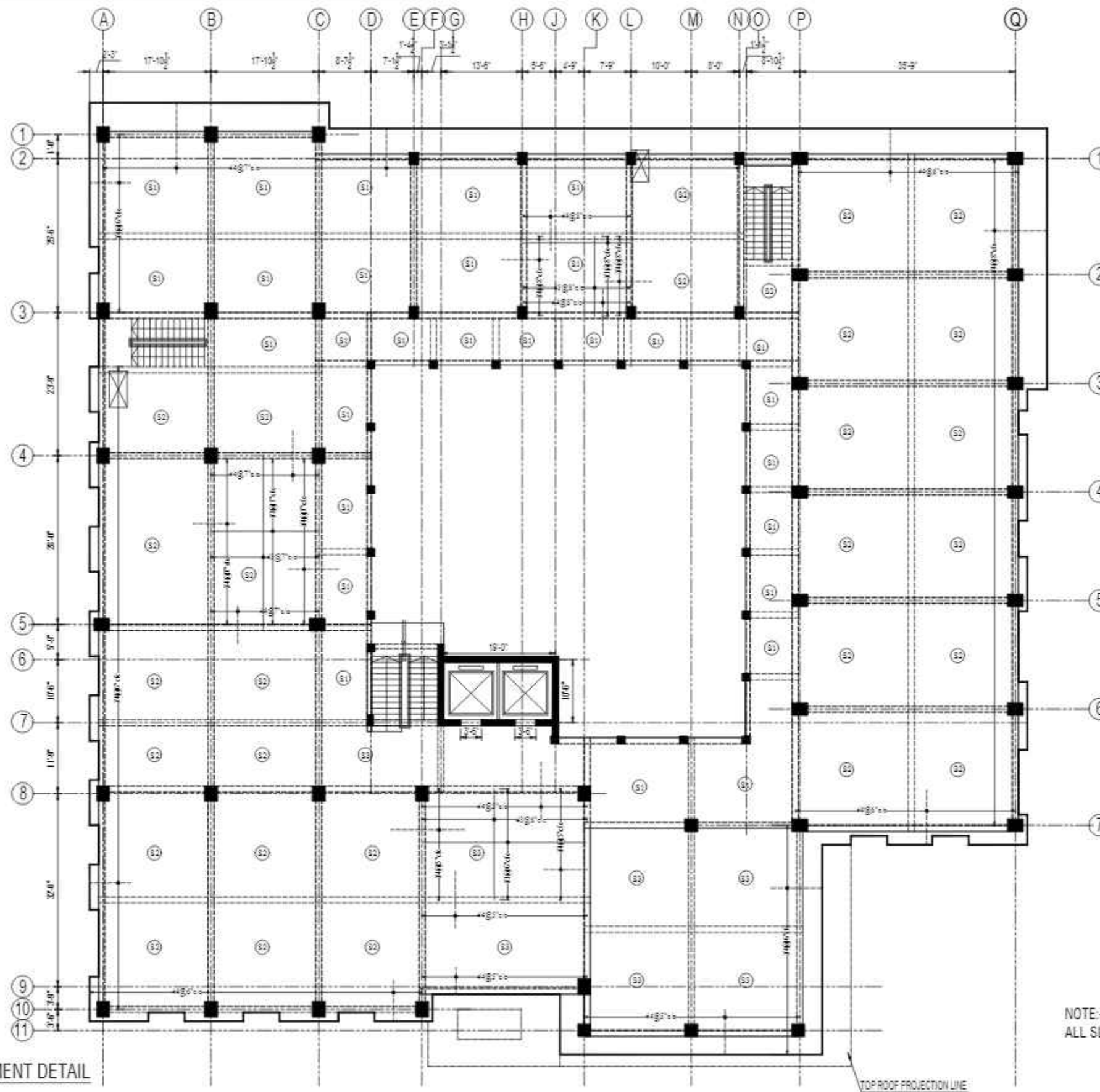
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SECOND FLOOR SLAB REINFORCEMENT DETAIL

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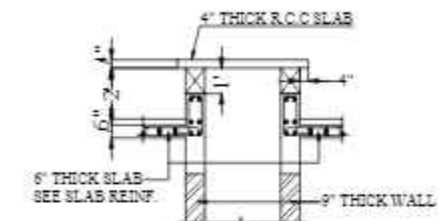
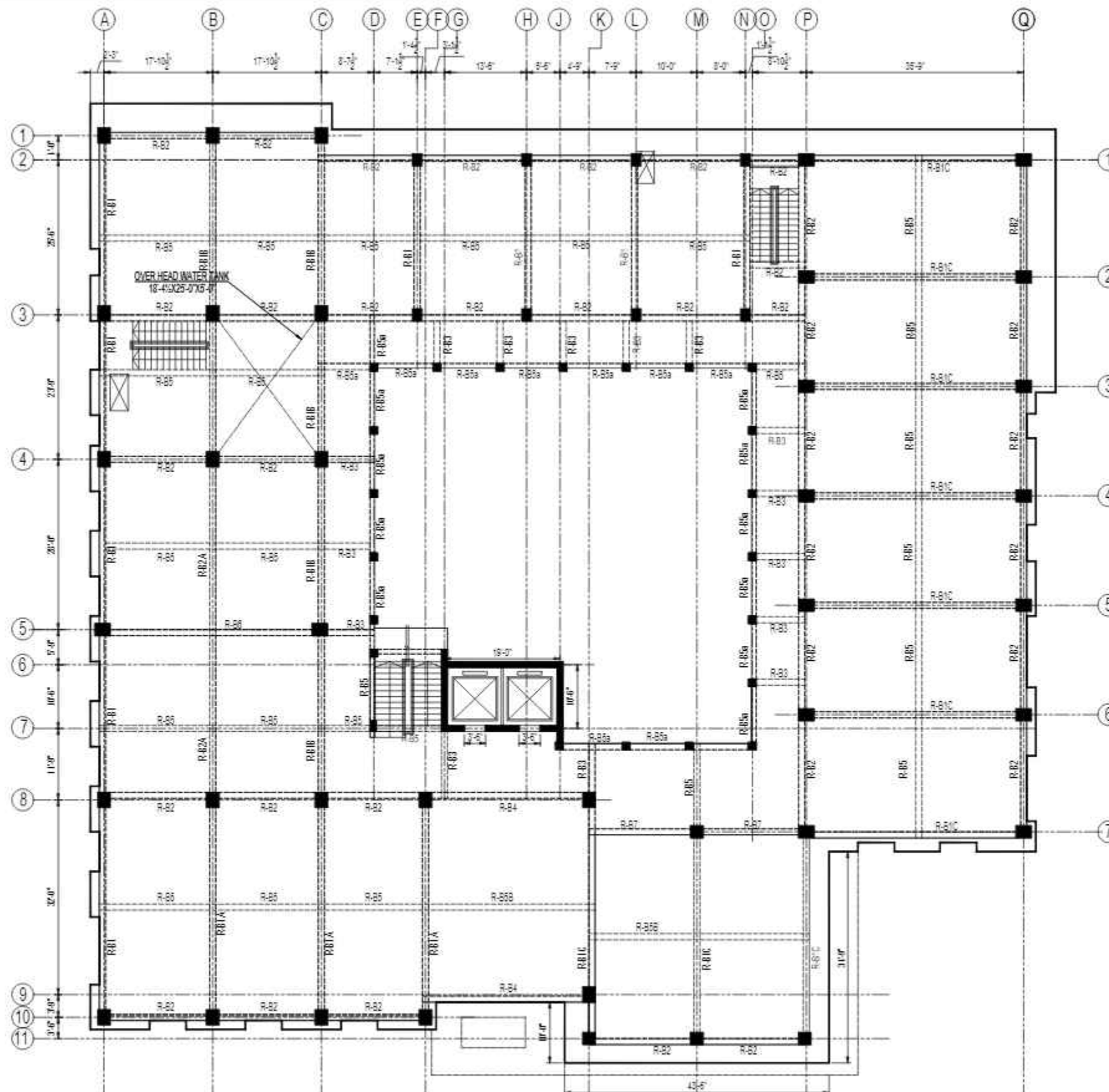
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						STR. HEAD:	NAJIB AHMAD									
						CAD CHECK:	ASIF IQBAL									
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						APPROVED BY:	NAJIB AHMAD									



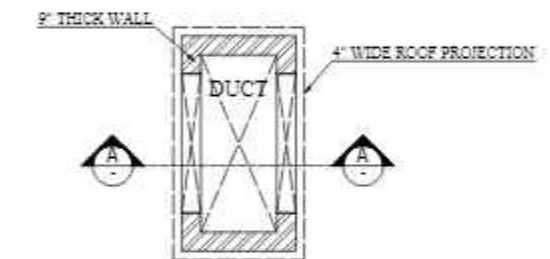
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PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR



SECTION-A-A



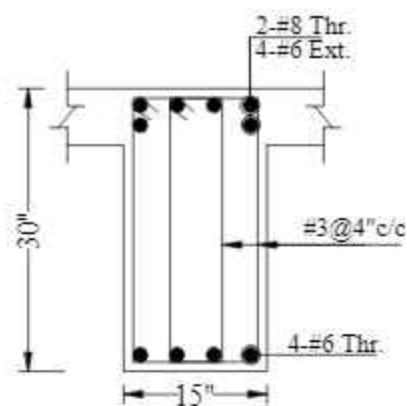
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ROOF BEAM FRAMING PLAN

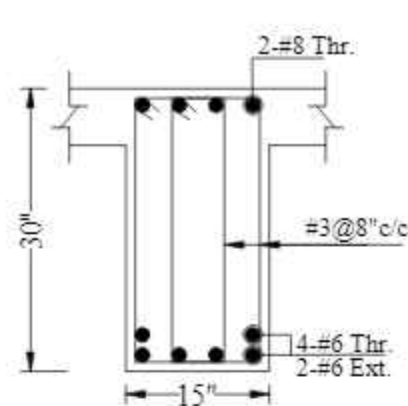
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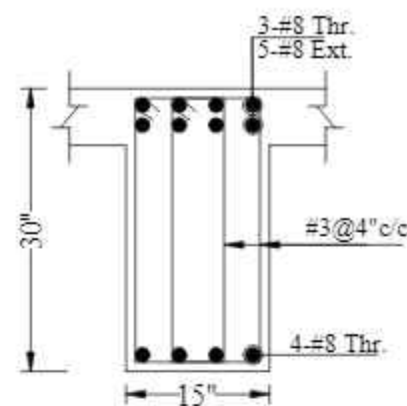
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						STR HEAD:	NAJIB AHMAD					Ph: 92-51-2828577, 2829002				
						CAD CHECK:	ASIF IQBAL					Fax: 92-51-2307615				
						QAG CHECK:	MANSAB DAR					E-mail: designmenislambad@gmail.com				
						APPROVED BY:	NAJIB AHMAD									



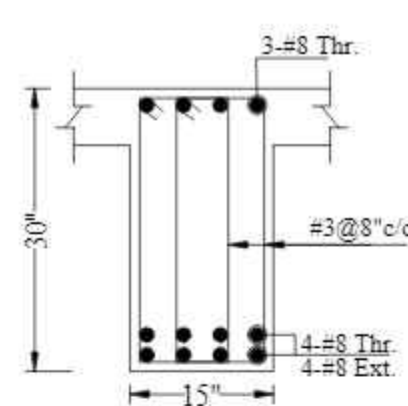
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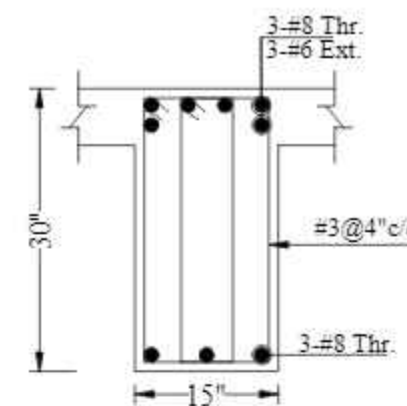
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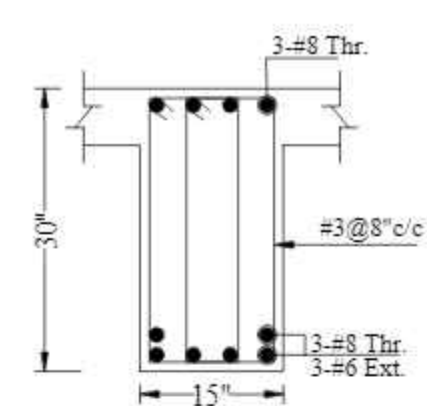
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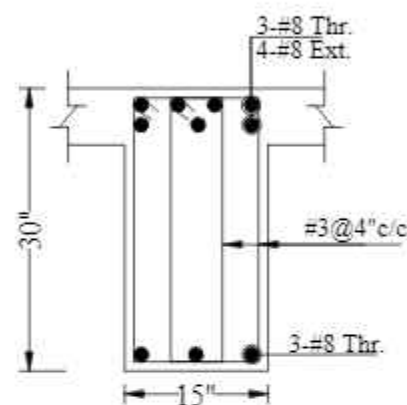
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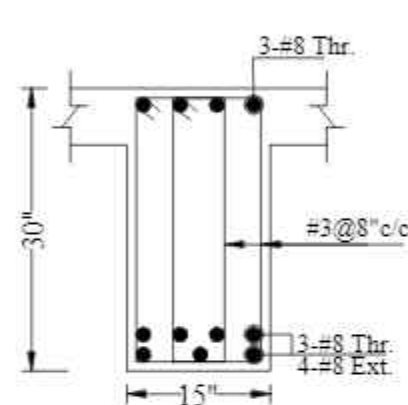
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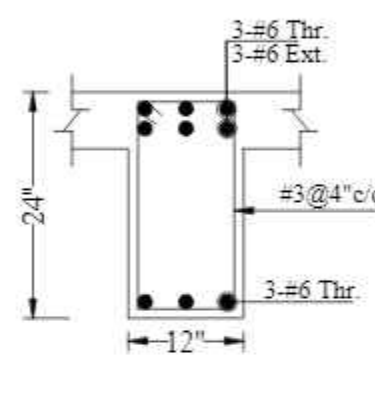
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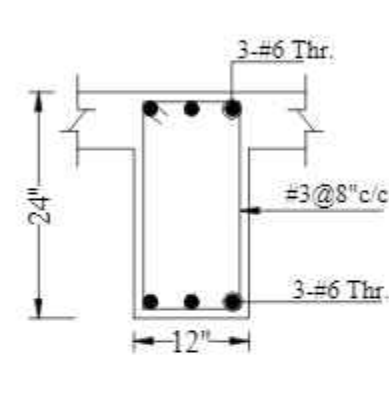
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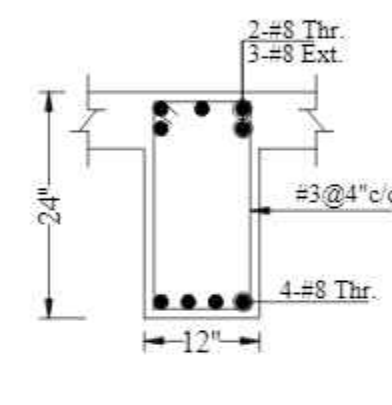
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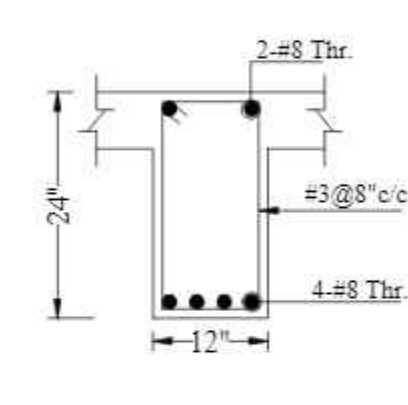
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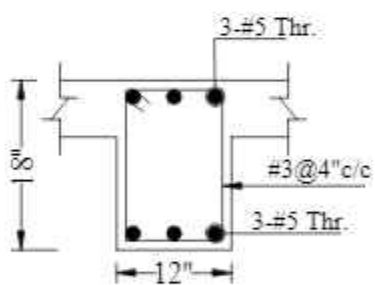
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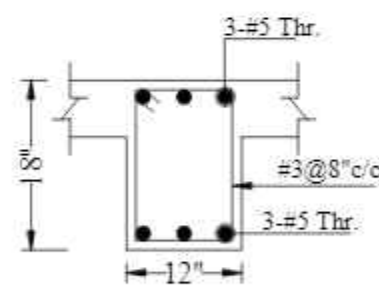
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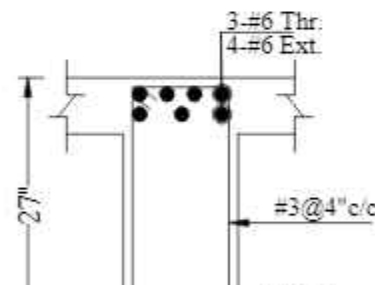
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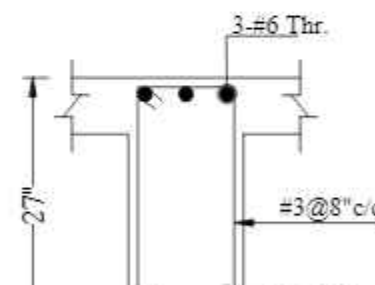
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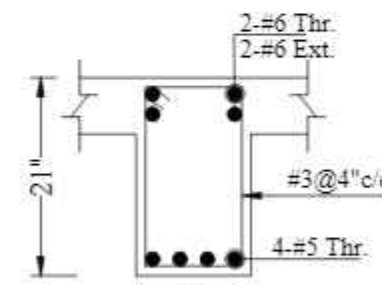
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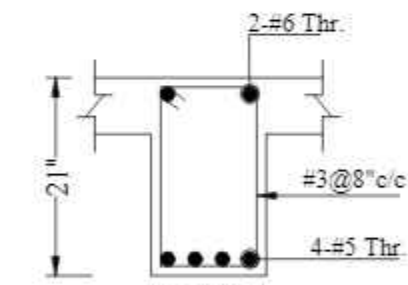
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T-B4
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T-B5
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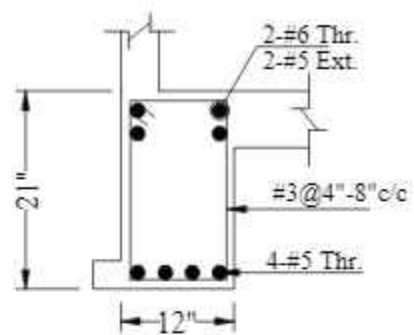


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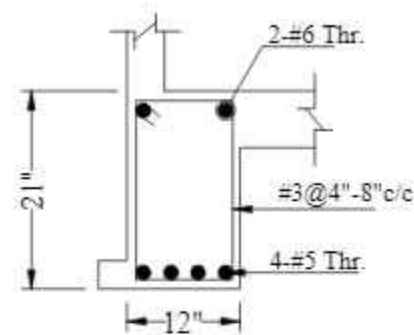
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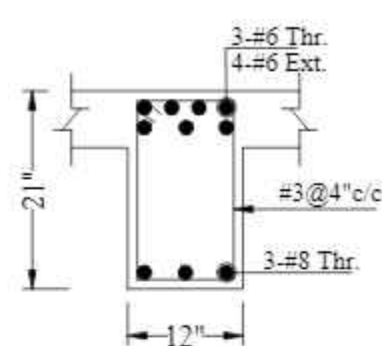
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						DESIGNED BY:	ZULFQAR		TYPE OF DRAWING:- STRUCTURE	ISSUED FOR:- TENDER		PROJECT:- PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IBA UNIVERSITY, SUKKUR	SCALE:-	DATE:- MARCH-2015	DWC NO:- S-33-2012-S- 28	REVISION:-
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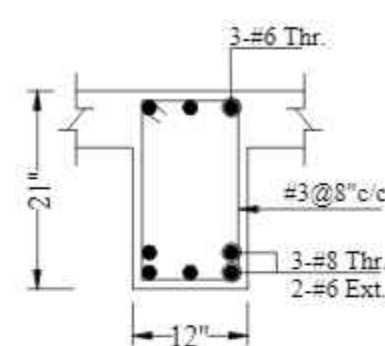
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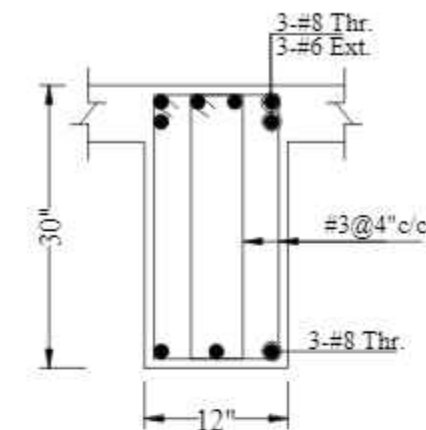
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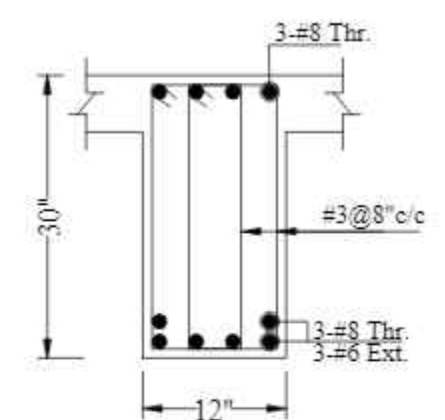
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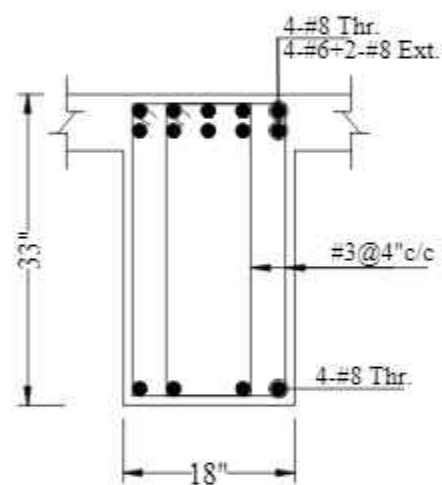
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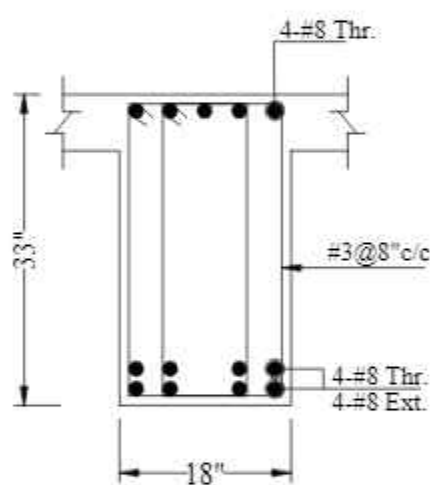
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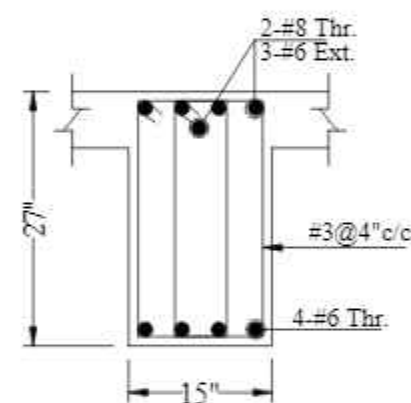
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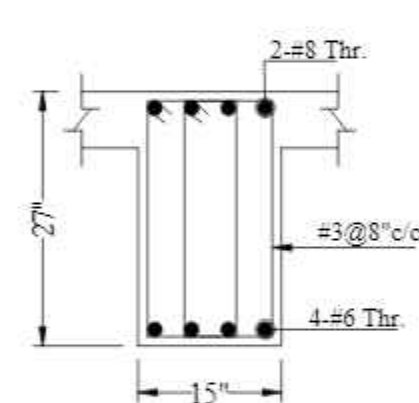
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T-B6
AT MID




T-B7
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T-B7
AT MID

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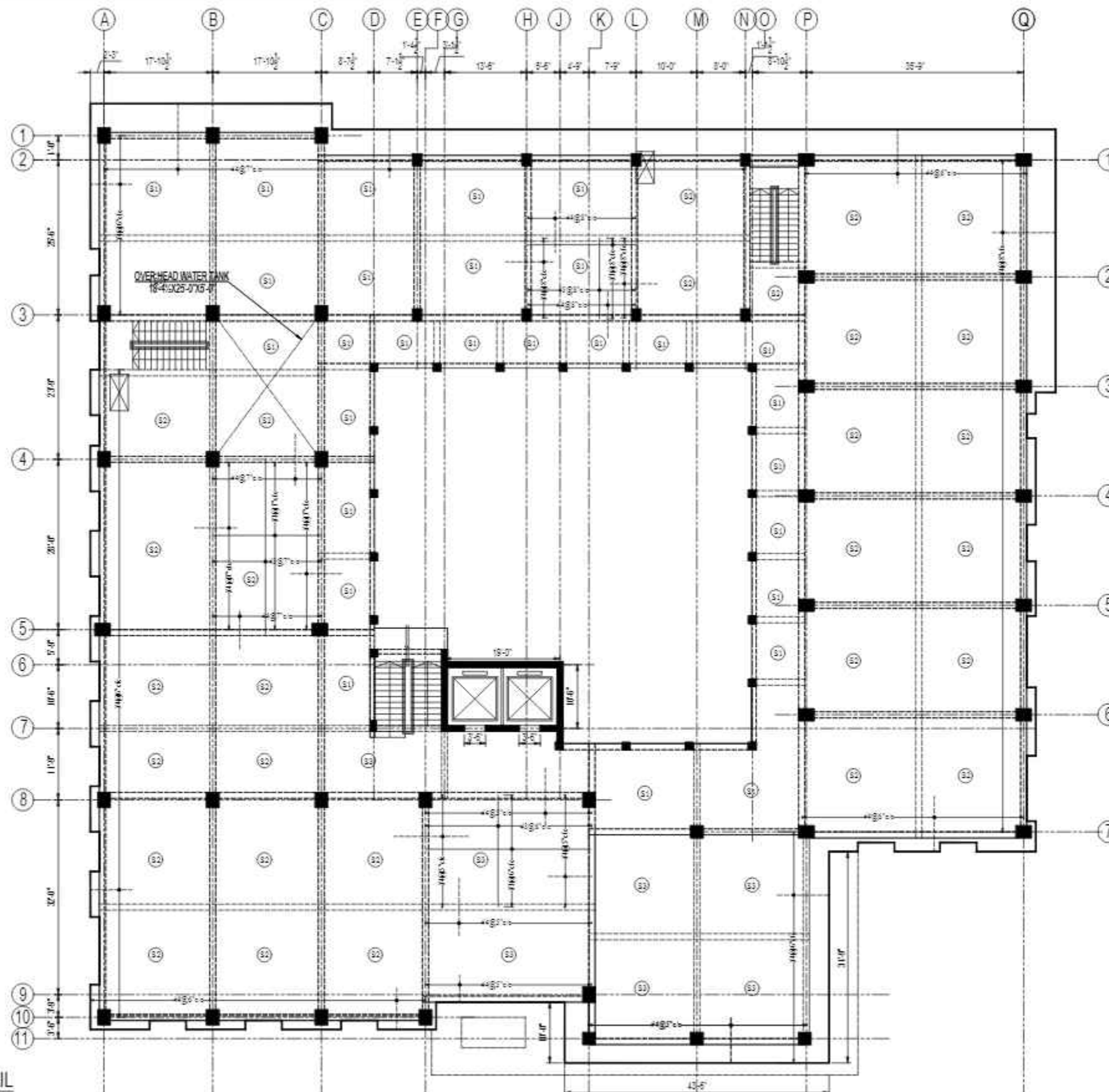


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						STR. HEAD:	NAJIB AHMAD		TYPE OF DRAWING:-			ISSUED FOR:-
						CAD CHECK:	ASIF IQBAL		STRUCTURE			TENDER
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PROJECT:-												
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SCALE:-		DATE:- MARCH-2015		DWE NO:- S-33-2012-S- 29		REVISION:-						



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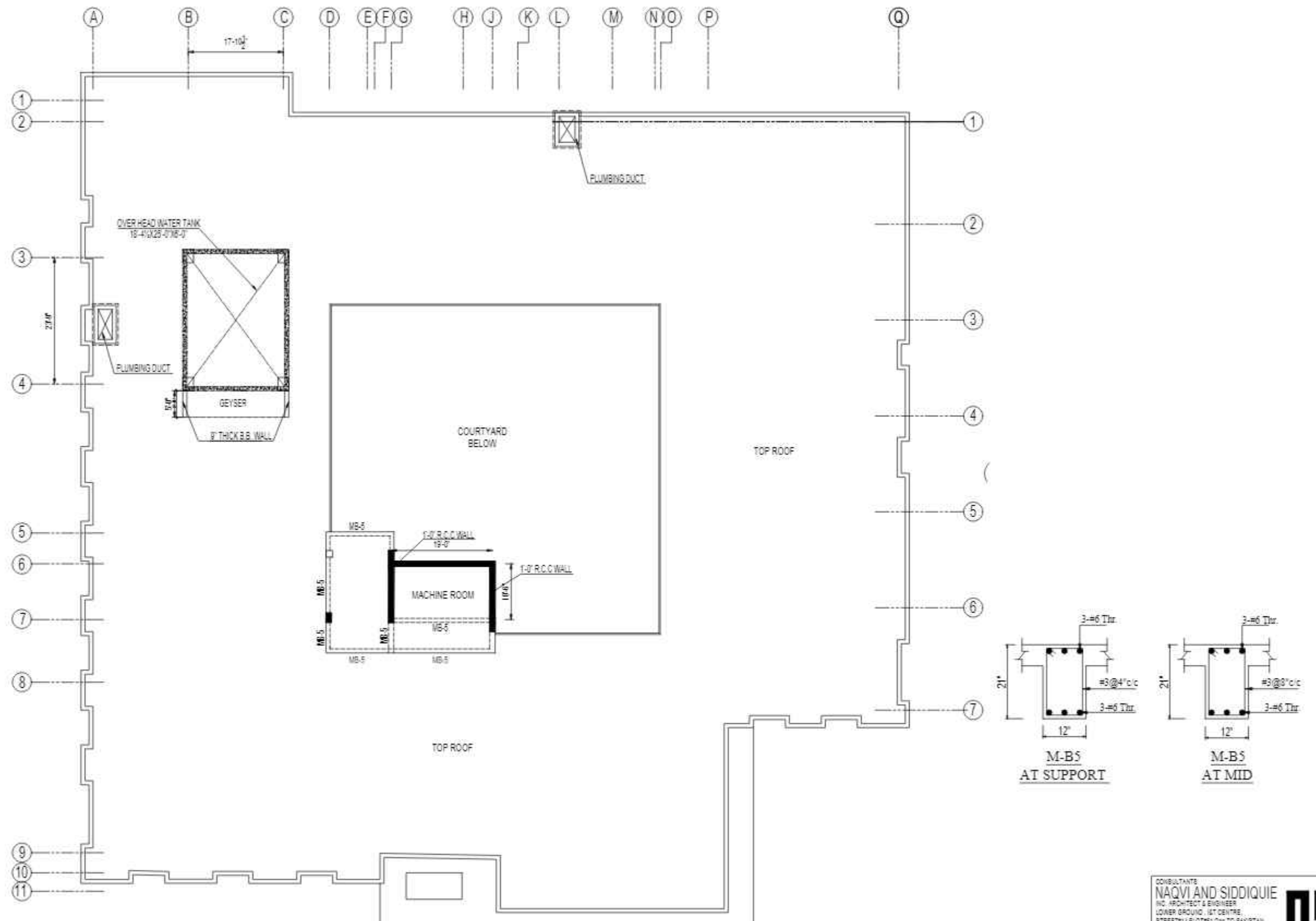


ROOF SLAB REINFORCEMENT DETAIL

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						STR. HEAD:	NAJIB AHMAD					Ph: 92-51-2828577, 2829002				
						CAD CHECK:	ASIF IQBAL					Fax: 92-51-2307615				
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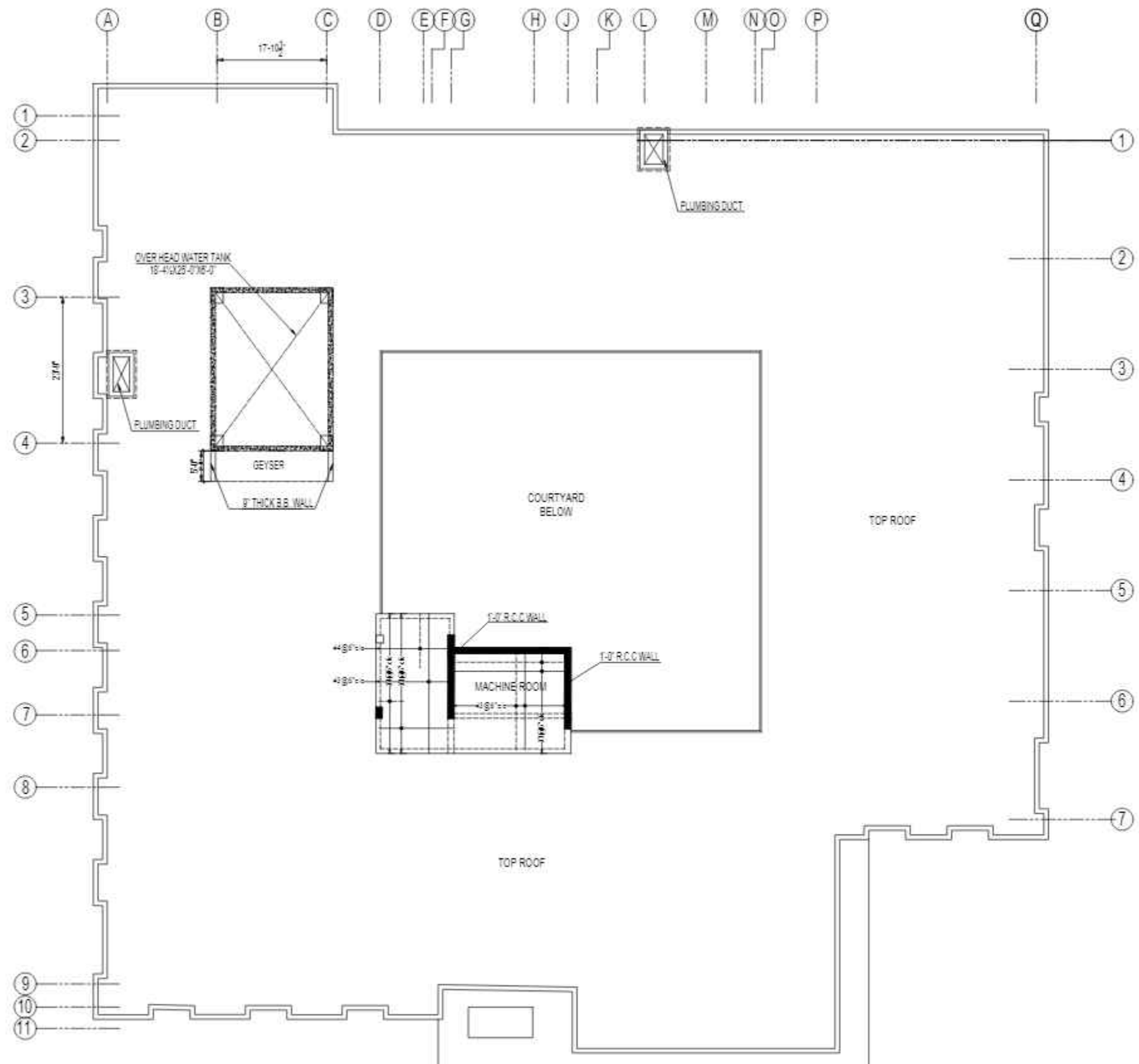


MUMTY ROOF BEAM FRAMING PLAN

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



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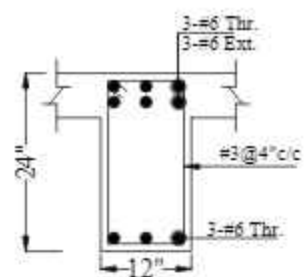


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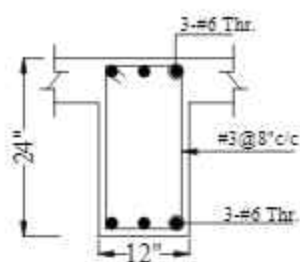
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						STR. HEAD:	NAJIB AHMAD									
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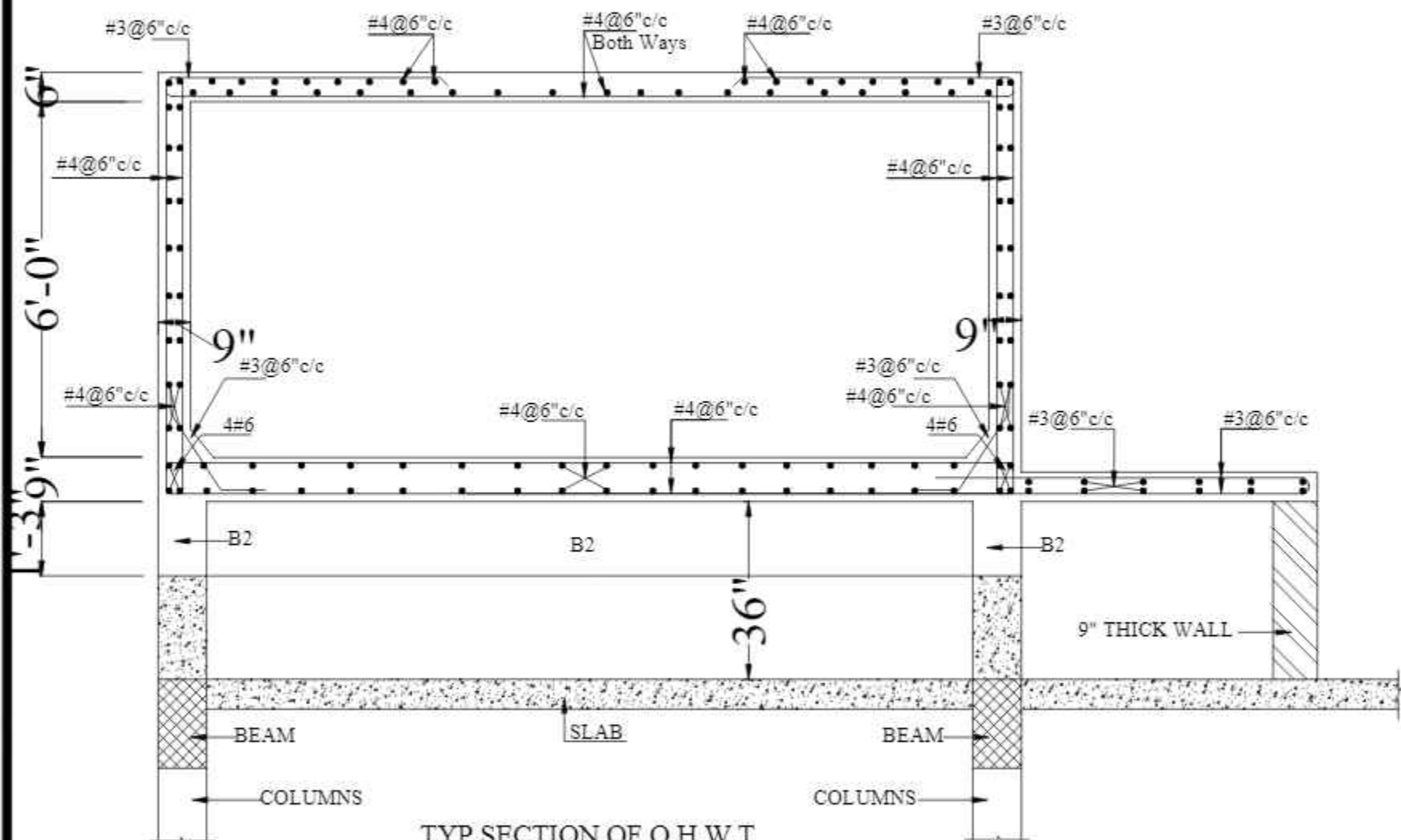
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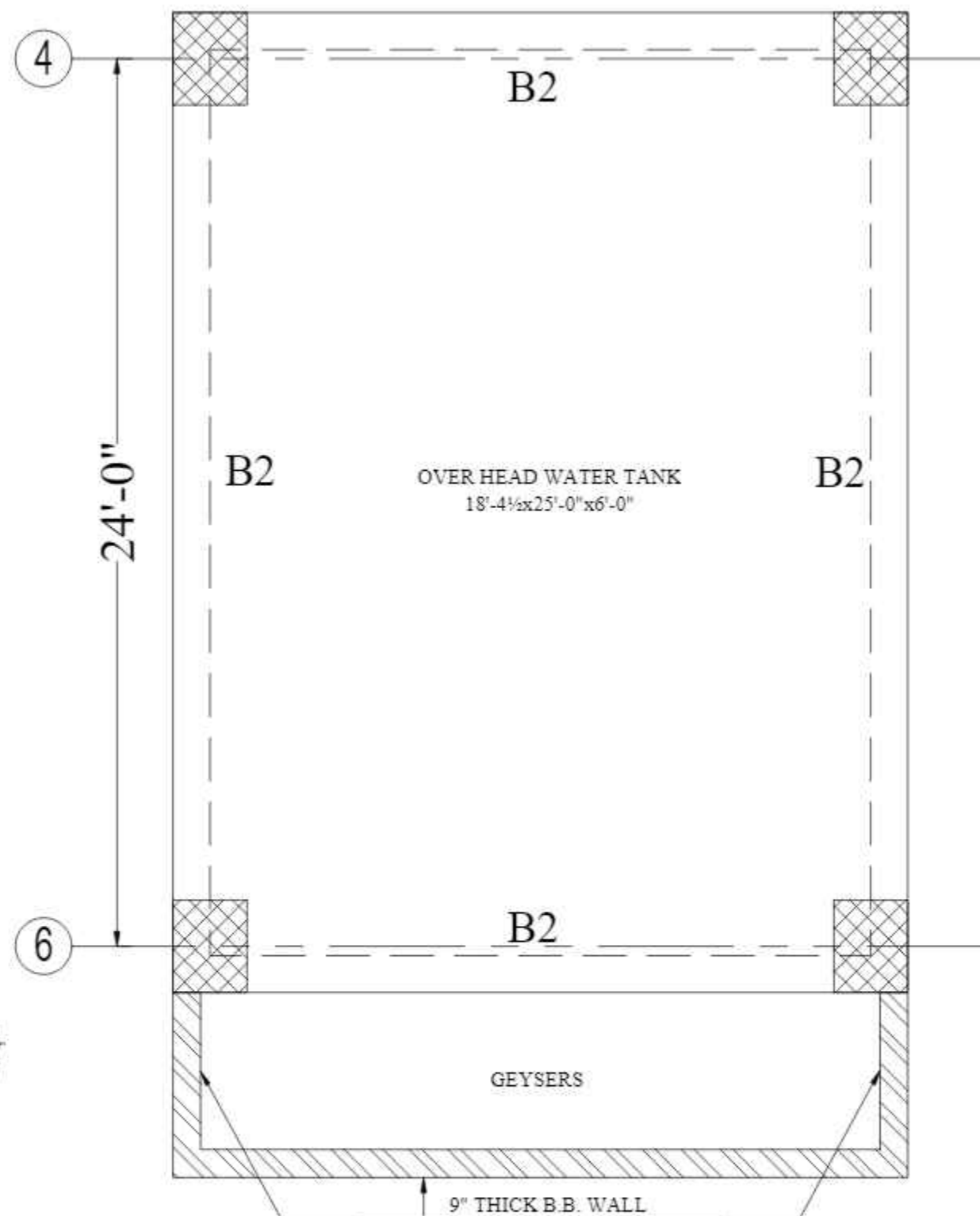
B2
AT SUPPORT



B2
AT MID



TYP. SECTION OF O.H.W.T



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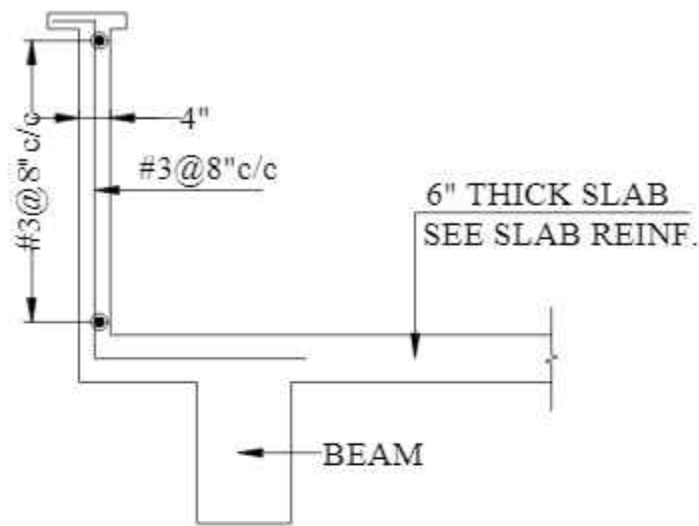
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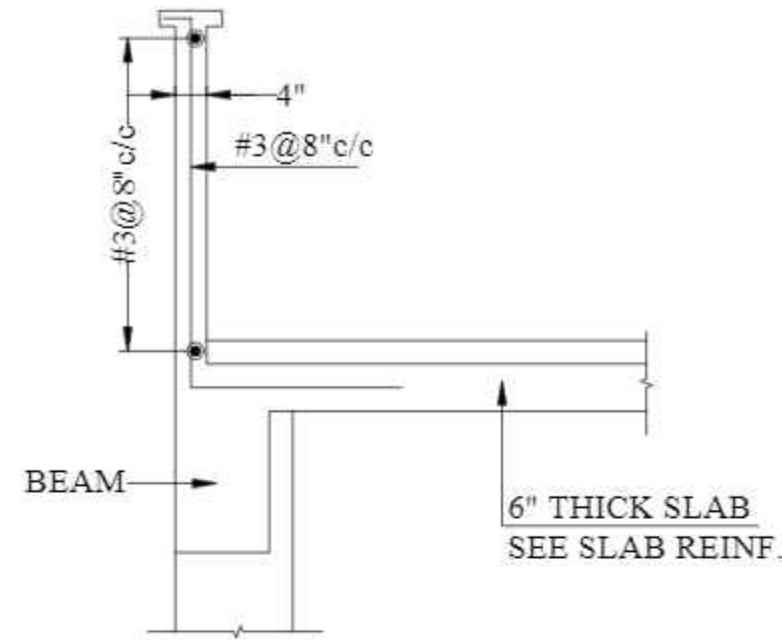


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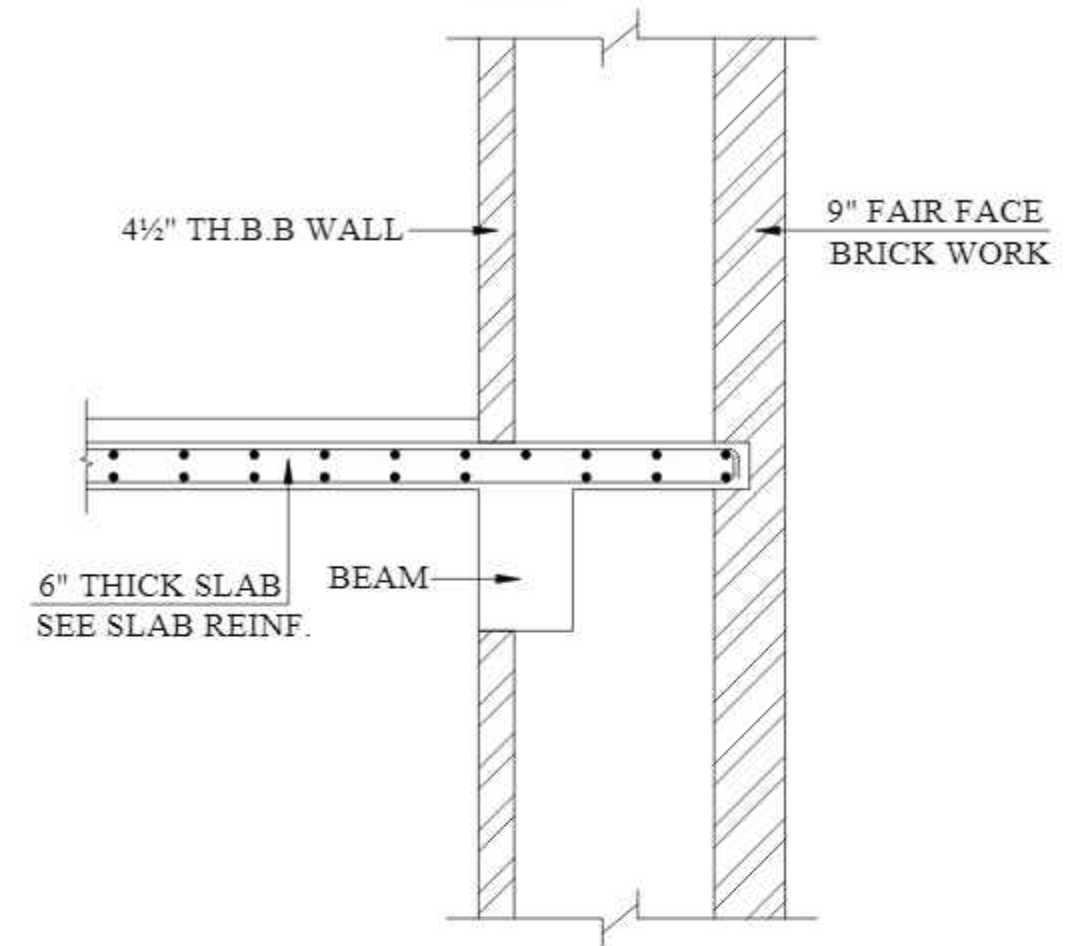
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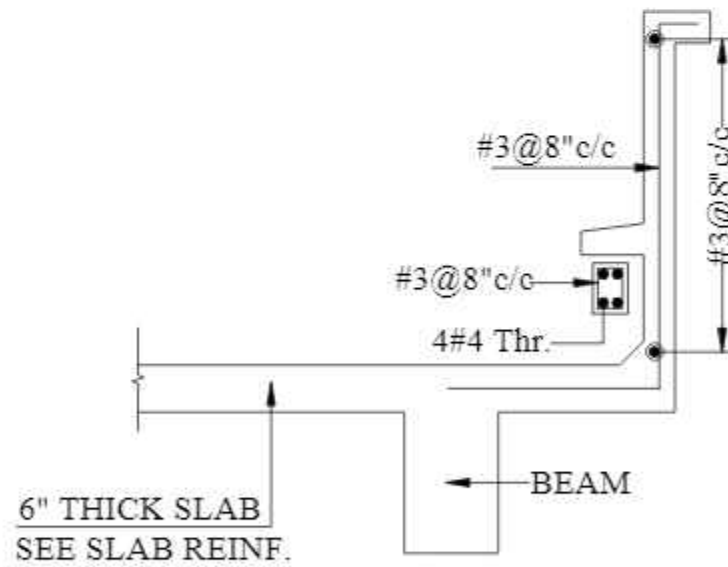
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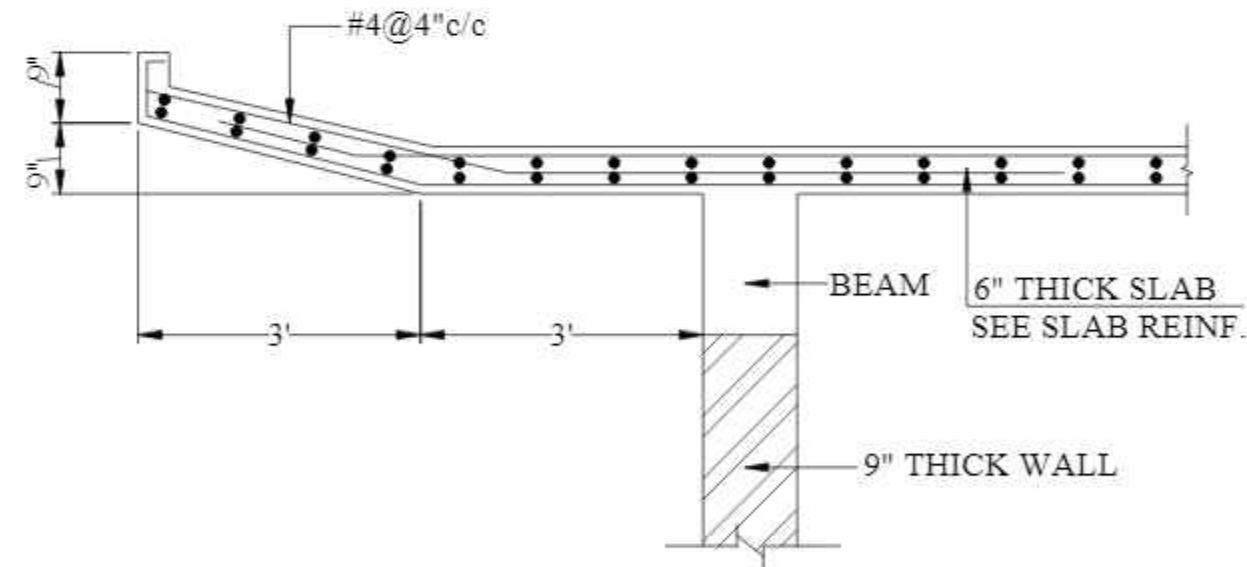
PARAPET WALL DETAIL
AT CORRIDOR



DETAIL-03



DETAIL-01



DETAIL-04

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

ELECTRICAL DRAWINGS
(TENDER DRAWINGS)

TENDER DRAWING
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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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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 $\frac{2}{\text{mm}^2}$	2.5 $\frac{2}{\text{mm}^2}$	4.0 $\frac{2}{\text{mm}^2}$	6.0 $\frac{2}{\text{mm}^2}$	10 $\frac{2}{\text{mm}^2}$	16 $\frac{2}{\text{mm}^2}$	25 $\frac{2}{\text{mm}^2}$
20 mm ϕ	6	5	4	3	2	—	—
25 mm ϕ	15	10	7	5	3	2	—
32 mm ϕ	20	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 (3X036)

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

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PROJECT PROPOSED TECHNOLOGY (NASTECH) PARK AT SUKKUR IIA, UNIVERSITY, SUKKUR																	
SCALE		DATE		DRAWING NO.		FIG.		REVISIONS									
FILE NO.																	



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FILE NO.

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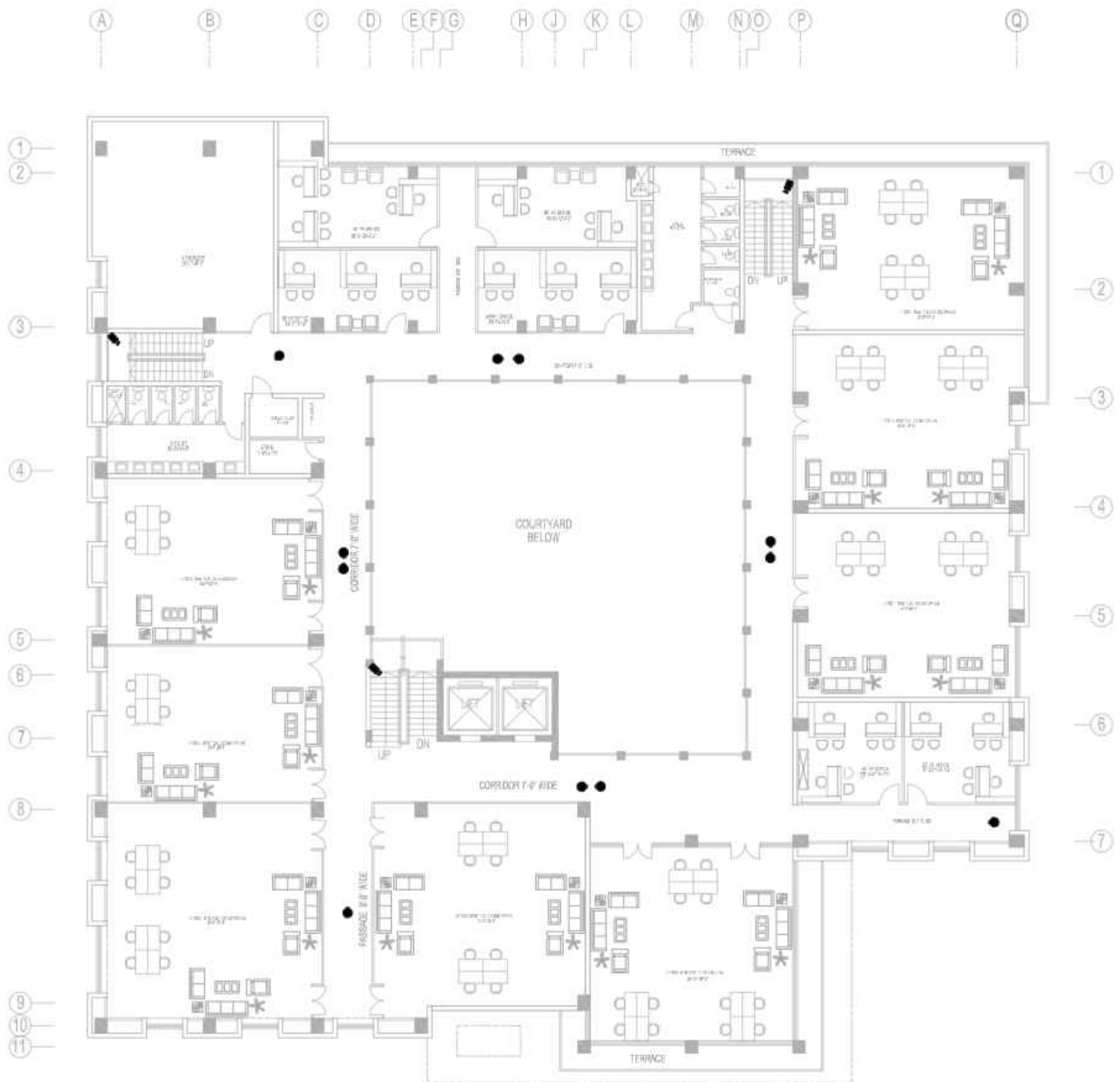
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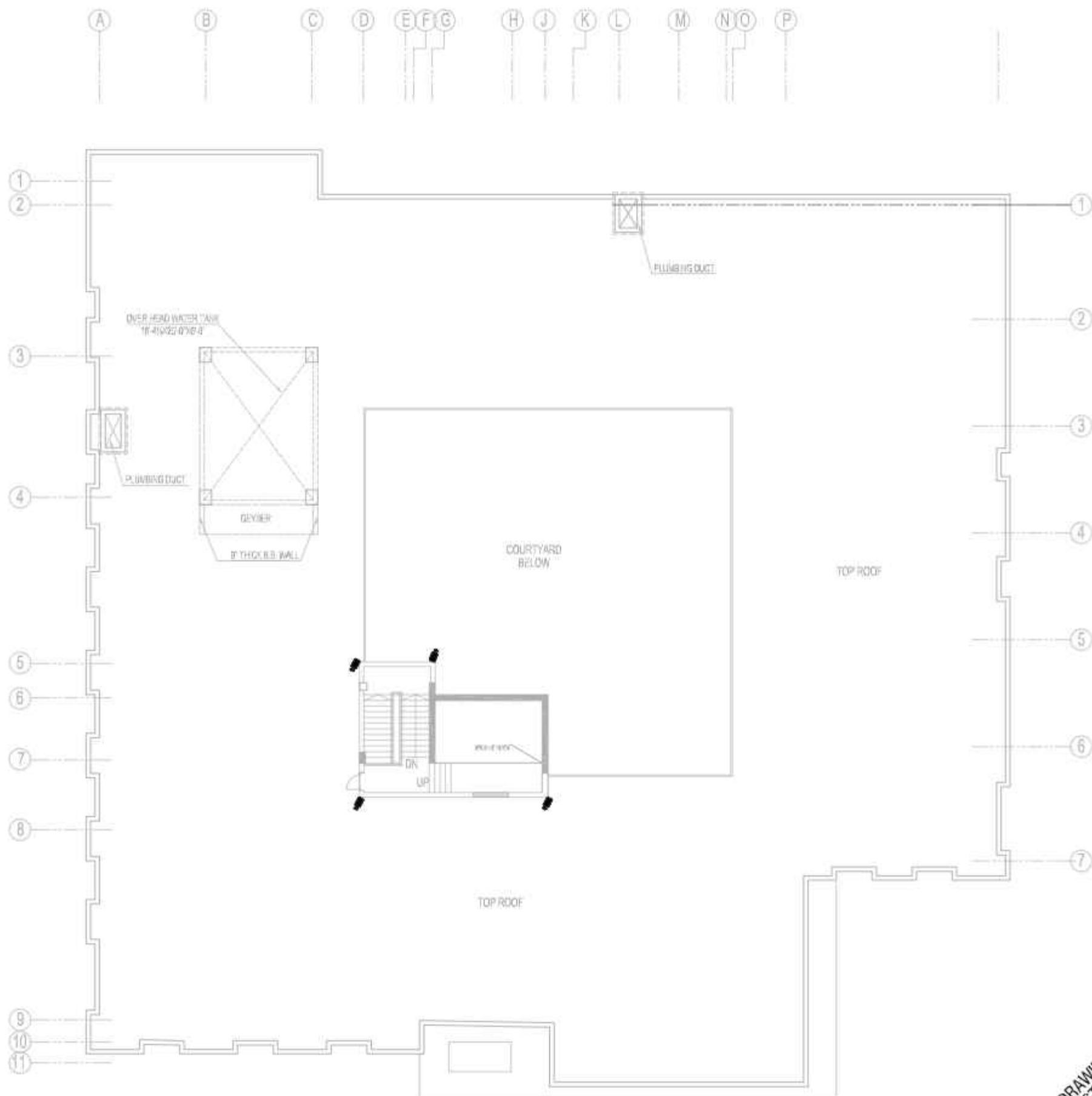
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PROJECT		PROPOSED TOWNHOMES (G+3) PARK AT SUKKUR DA UNIVERSITY, SUKUR			
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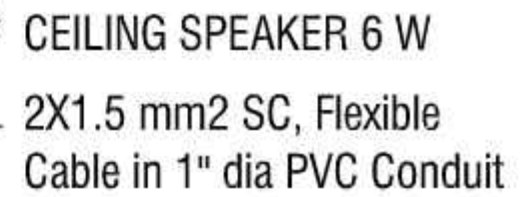
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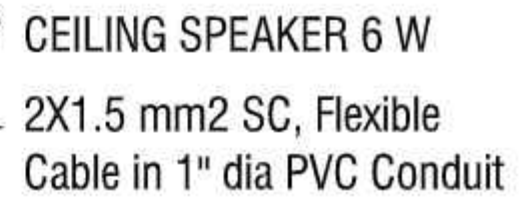


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PROJECT	PROPOSED TILAKHAI (NEW) PARK AT SUKKUR DA UNIVERSITY, SUKUR
SCALE	DATE
MARKED	DATE
REVISION	DATE

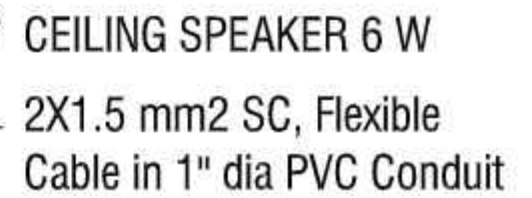
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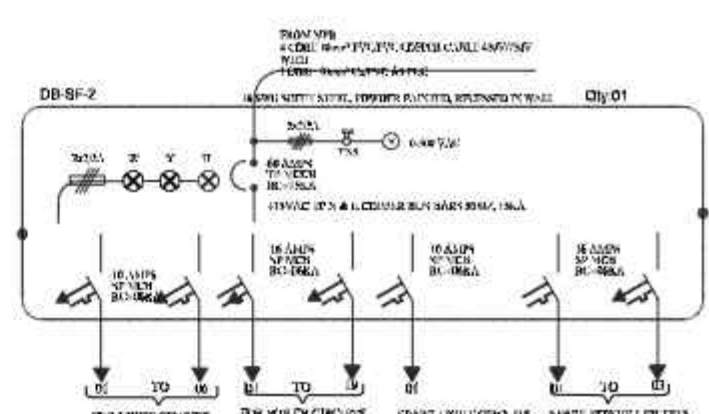
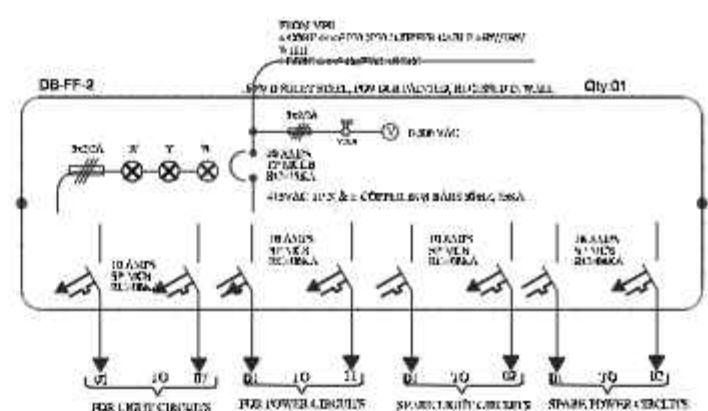
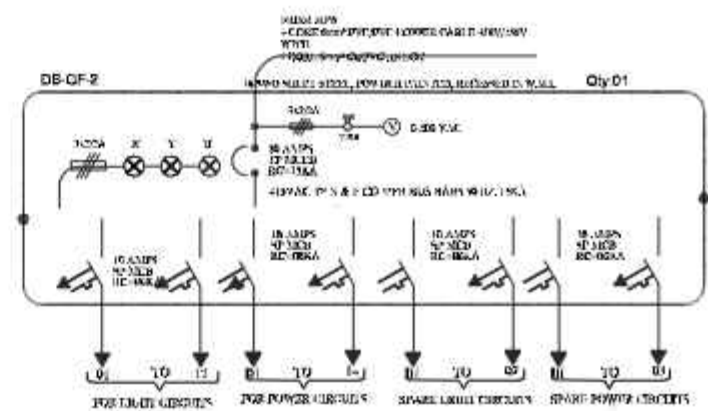
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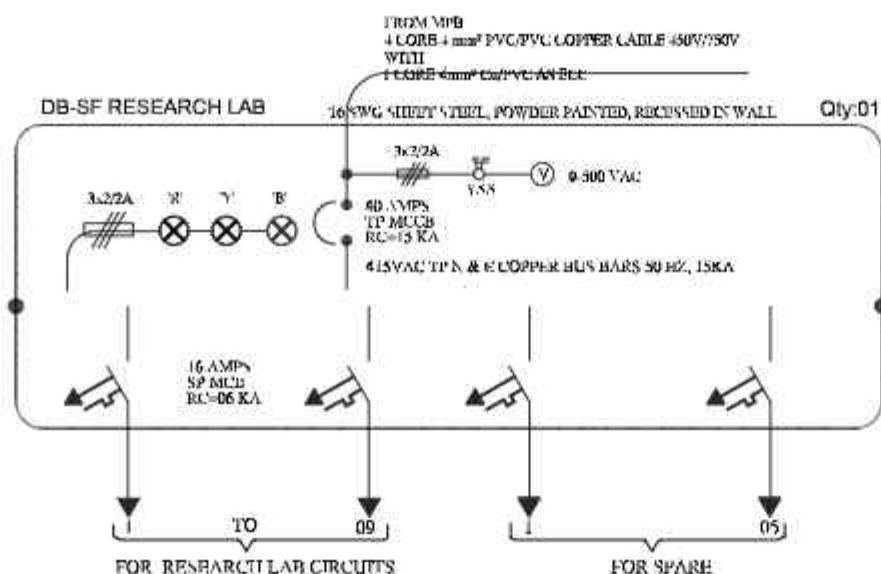
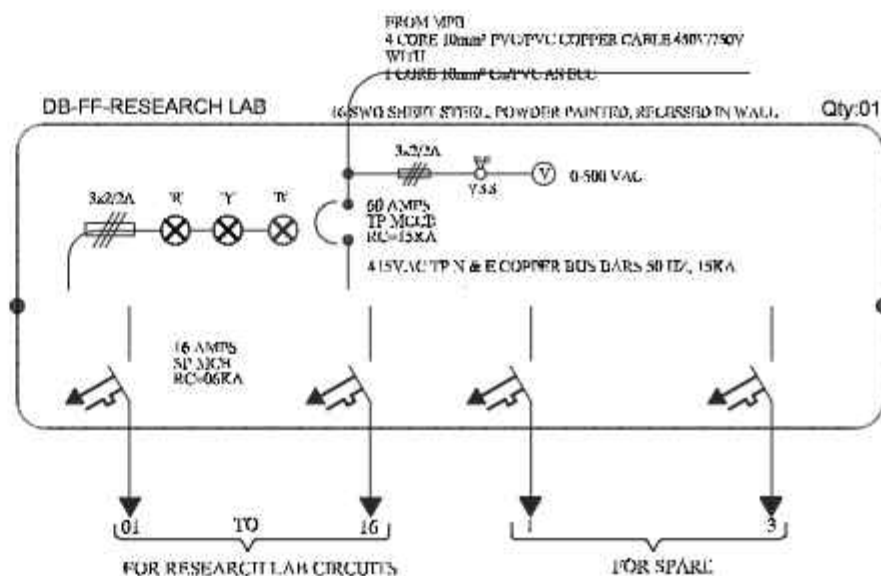
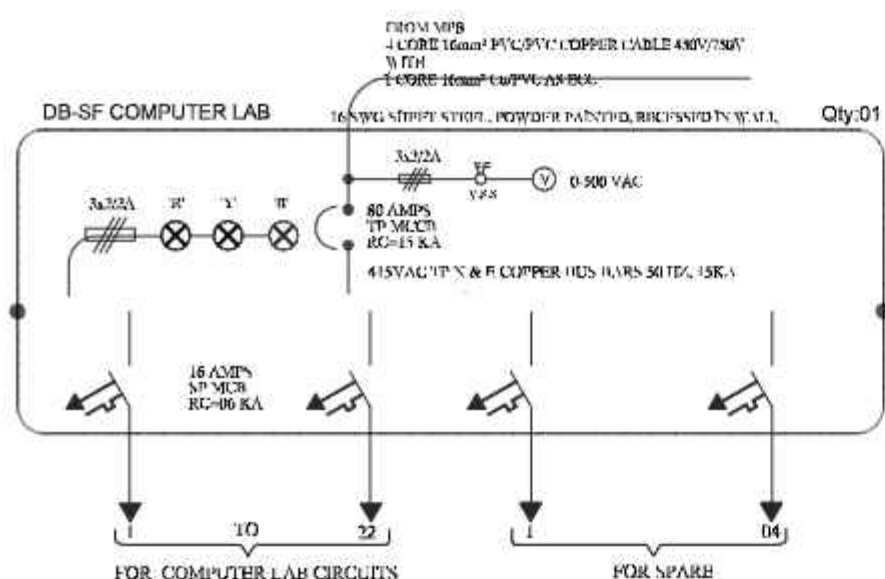
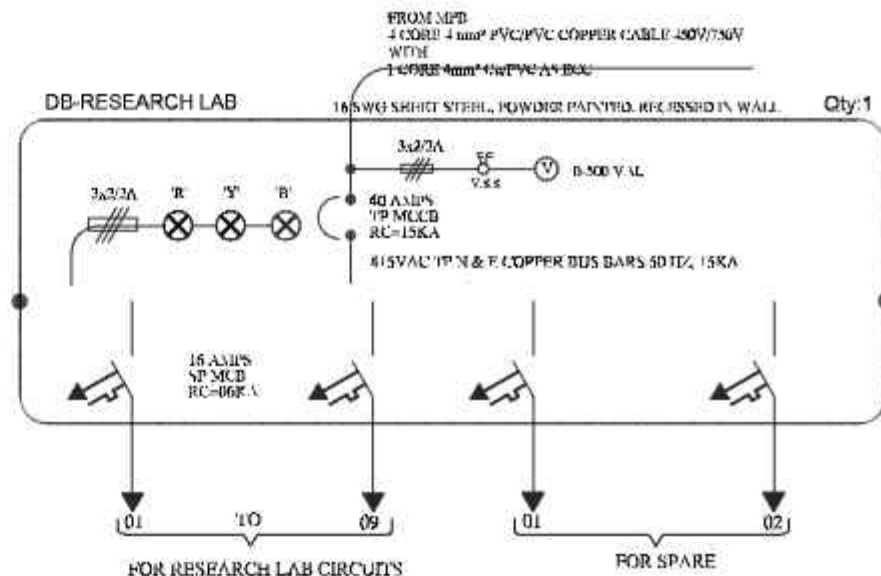
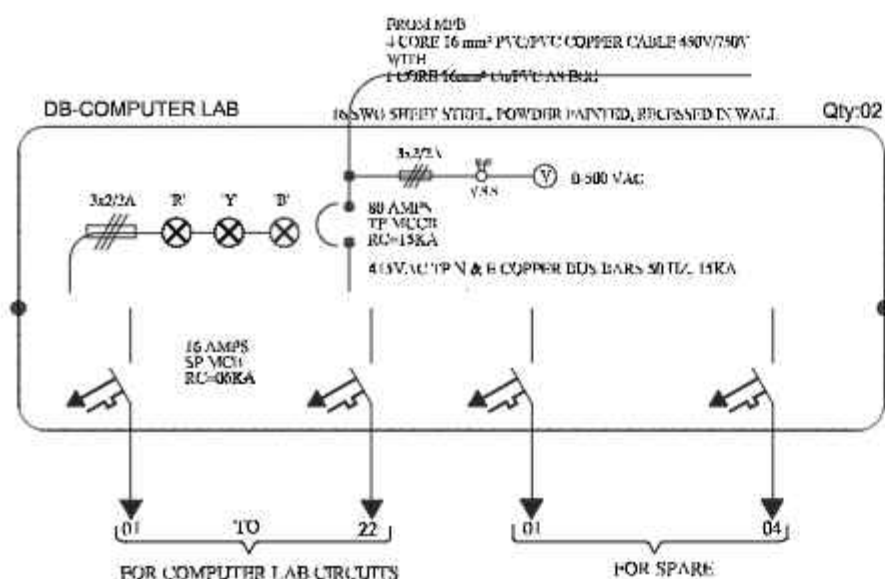


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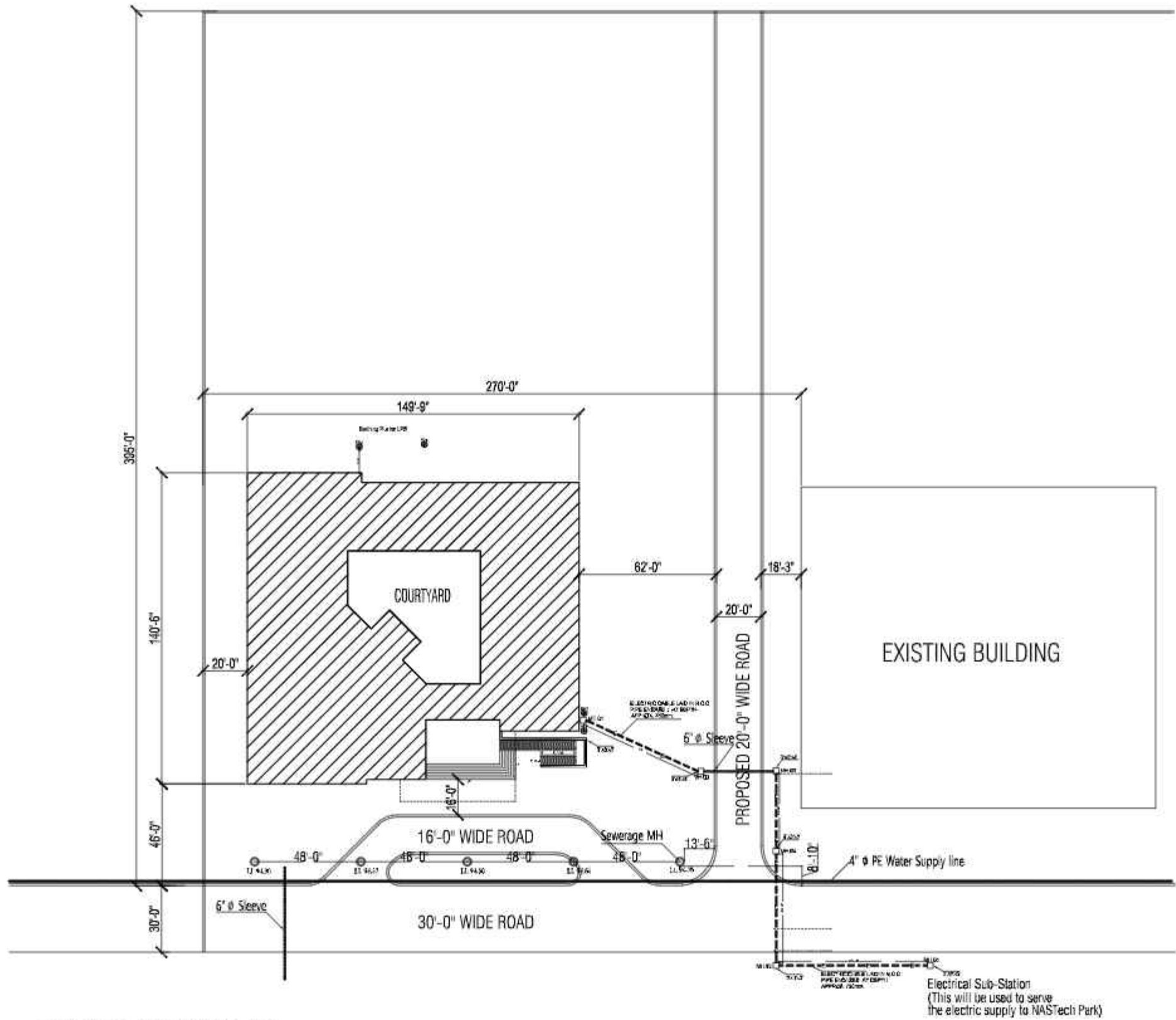


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PROJECT	PROPOSED TILAKHAI (NEW) (C) PARK AT SEKRET DIA UNIVERSITY, KARACHI
SCALE	DATE
SCALE	DATE
SCALE	DATE
SCALE	DATE

SHEET



CABLE LAYOUT PLAN

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PROJECT
PROPOSED TILAKHIM (NASTECH) PARK AT
SUKKUR DA UNIVERSITY, SUKUR

SCALE: DATE: MARKED: DRAWN: 1:50

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1			THIS DRAWING WILL BE USED FOR CONSTRUCTION OF THE ELECTRICAL SYSTEM AND THE ELECTRICAL SYSTEM WILL BE USED FOR THE ELECTRICAL SYSTEM.								
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PROPOSED TECHNOLOGY (NASTECH) PARK AT
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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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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
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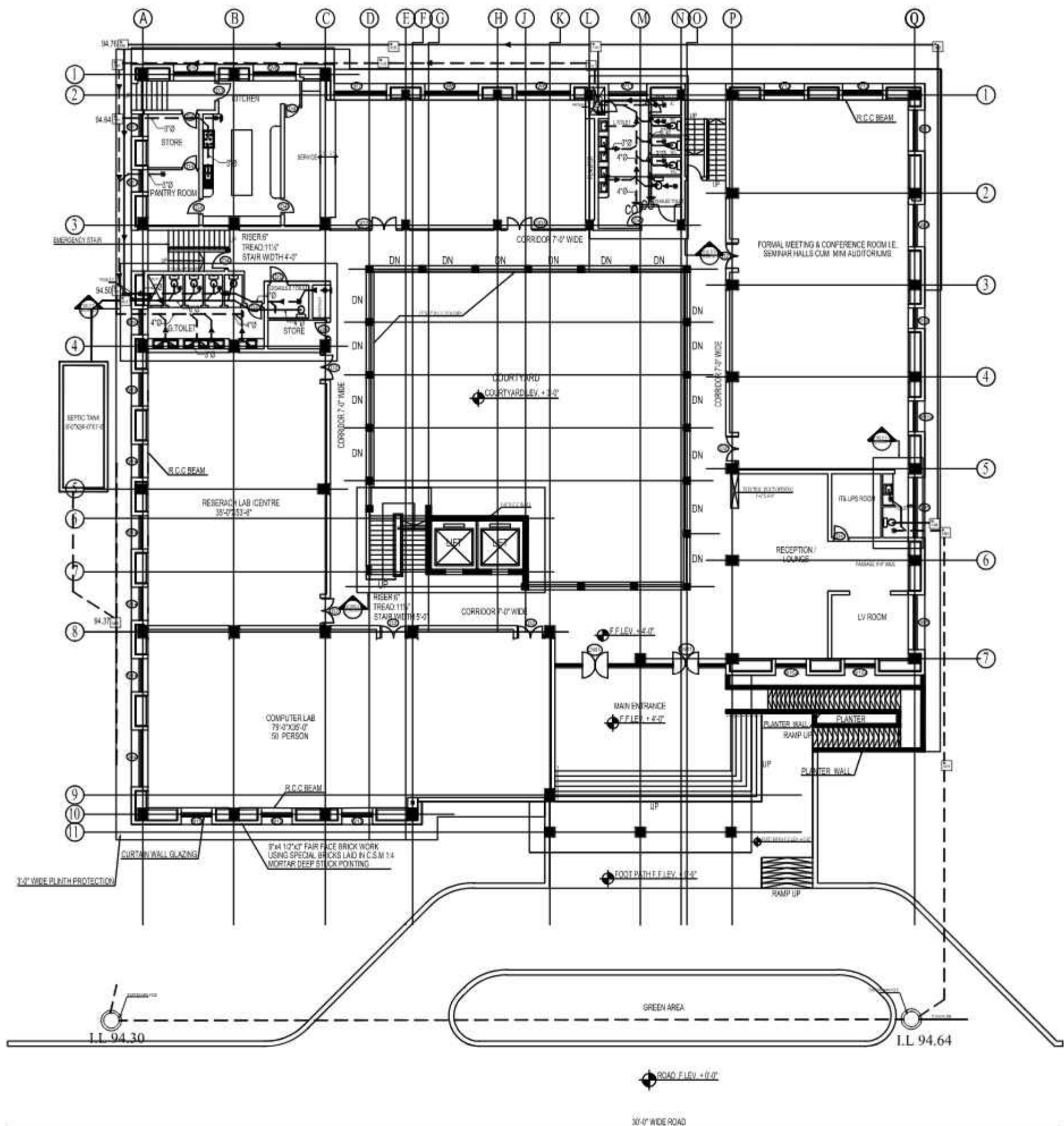
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The site plan illustrates a proposed 20'-0" wide road running vertically. To the left of the road is a 30'-0" wide road. To the right is an existing building. A green area is located between the proposed road and the existing building. The plan shows various utility lines, including a 4" PE Water Supply line, a 6" Stormwater line, and a 12" Sewerage line. A 16'-0" wide road is also shown. The plan includes dimensions for the roads and the green area, as well as labels for the existing building and the proposed road.

[illegible]

LEGEND	
RUBBISH DUMP	---
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RUBBISH DUMP 100	---



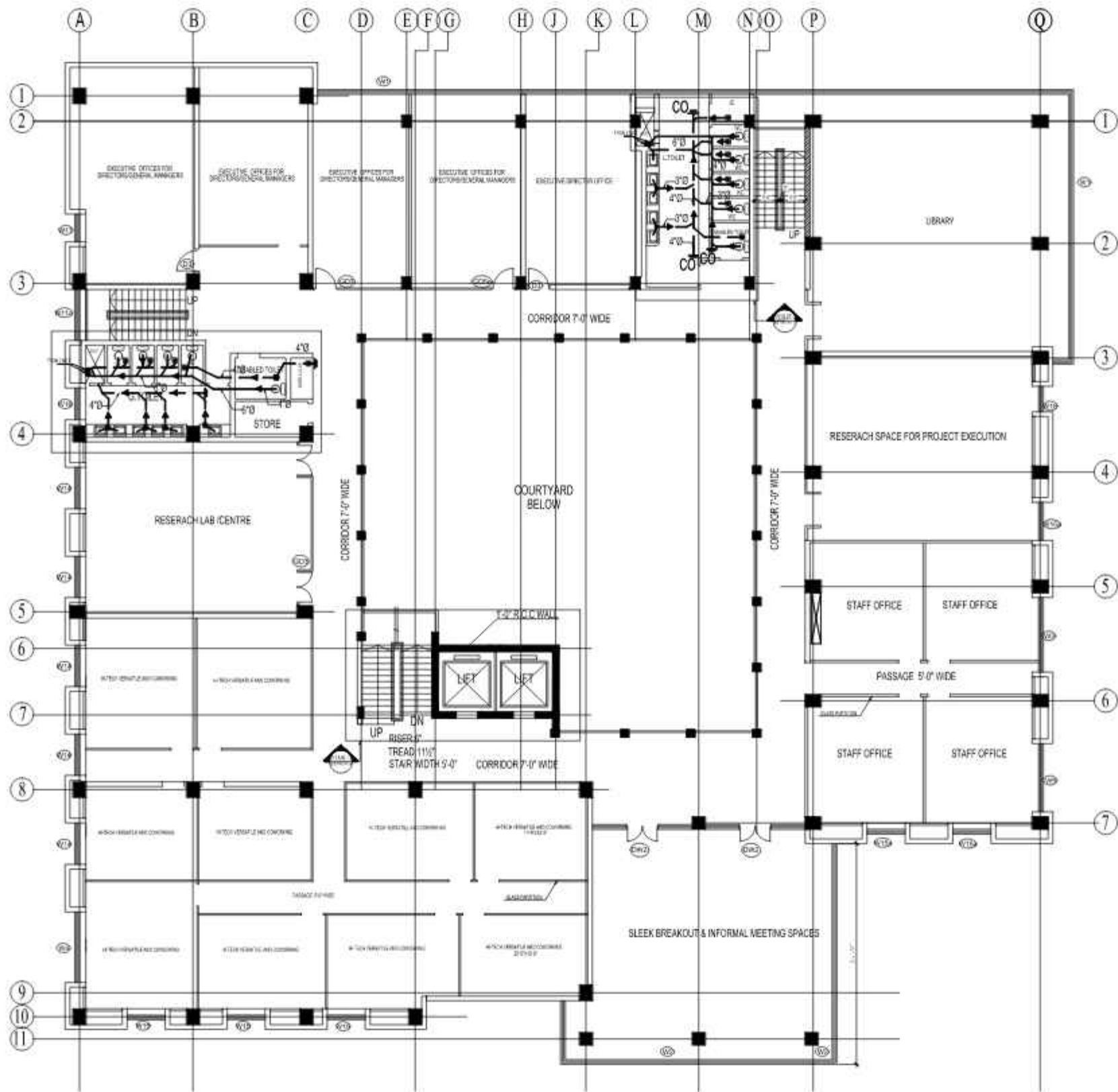
GROUND FLOOR PLAN

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NAQVI AND SIDDIQUE
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 STREET 14 PLOT 401 Opp. TO PAKISTAN
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				CHECK															

LEGEND	
PLUMBING (WATER & SEWER)	---
PLUMBING (WATER & SEWER) 2	---
PLUMBING (WATER & SEWER)	---
PLUMBING (WATER & SEWER)	---
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PLUMBING (WATER & SEWER)	---
PLUMBING (WATER & SEWER)	---
PLUMBING (WATER & SEWER)	---



FIRST FLOOR PLAN

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1			THIS DRAWING IS THE PROPERTY OF NAQVI AND SIDDIQUE INC. AND 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 SYSTEM, WITHOUT THE WRITTEN PERMISSION OF NAQVI AND SIDDIQUE INC.						FIRST FLOOR PLAN SEWERAGE			NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY					

This is a detailed architectural floor plan of a building floor, likely a multi-story office or institutional building. The plan is organized around a grid system with vertical lines labeled A through Q and horizontal lines labeled 1 through 11. Key features include:

- Rooms and Spaces:**
 - Staff Office:** Multiple rooms are distributed across the plan, including a large one in the top left and several smaller ones along the top and right edges.
 - Data Room:** Located in the upper left quadrant.
 - Store:** A small storage room is situated near the Data Room.
 - Toilets:** A cluster of restrooms is located near the Store.
 - H-Tech Versatile and Coworking:** Several large, open-plan areas are designated for flexible work and technology use, primarily along the right and bottom edges.
 - Courtyard Below:** A central open area is labeled "COURTYARD BELOW".
 - Terrace:** Outdoor spaces are located at the top and bottom of the plan.
- Corridors and Passages:**
 - Corridor 7'-0" Wide:** Several main circulation paths are labeled with this dimension.
 - Passage 6'-0" Wide:** Narrower circulation paths are also indicated.
- Staircases and Elevators:**
 - Staircases are shown with "UP" and "DN" (down) arrows, indicating vertical circulation.
 - Elevators are represented by rectangular symbols with "UP" and "DN" arrows.
- Dimensions and Details:**
 - Room dimensions are provided, such as 12'-0" x 12'-0" for a Staff Office and 12'-0" x 12'-0" for a Data Room.
 - Door swings are indicated by arcs and arrows.
 - Furniture layouts, including desks, chairs, and storage units, are shown in various rooms.
 - Room numbers (e.g., 101, 102, 103) are placed near specific rooms.

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<div style="float: right; text-align: right;">TEL: 03722899170</div>									
REF. NO.	DATE	REMARKS	IMPORTANT NOTE:- THE OWNER WILL APPROVE THE PROPOSED CONSTRUCTION OF THIS BUILDING AND THE FOUNDATION AND RECONSTRUCTION OF EXISTING AND EXISTING OF EXISTING BUILDING. THE EXISTING FOUNDATION ARCHITECT IS NOT RESPONSIBLE FOR THE EXISTING FOUNDATION AND EXISTING OF EXISTING BUILDING. THE EXISTING FOUNDATION ARCHITECT IS NOT RESPONSIBLE FOR THE EXISTING FOUNDATION AND EXISTING OF EXISTING BUILDING.	DRAWN CHECK	APPR. CHECK	APPROVED BY CHECK	APPROVED BY CHECK	APPROVED BY CHECK	APPROVED BY CHECK
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>SECOND FLOOR PLAN</p> <p>REWORK</p> </div> <div style="width: 45%;"> <p>TIME OF DRAWING</p> <p>DATE OF DRAWING</p> </div> </div>									
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>PUBLIC HEALTH</p> <p>CONSTRUCTION</p> </div> <div style="width: 45%;"> <p>DESIGNER</p> <p>DATE OF DRAWING</p> </div> </div>									
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WATER SUPPLY
NAS TECHNOLOGY PARK AT
SUKKUR IBA UNIVERSITY

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TEL 051-2399037-10



TEL: 051-2289401-10												
REF. NO.	DATE	REVISION	IMPORTANT NOTES:- THE OWNER WILL SUPPLY THE APPROVED CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND THE ARCHITECTURE FIRM ARE RESPONSIBLE FOR THE SAFETY AND STABILITY OF THE STRUCTURE. THE ARCHITECTURE FIRM SHALL BE RESPONSIBLE FOR THE SAFETY AND STABILITY OF THE STRUCTURE. THE ARCHITECTURE FIRM SHALL BE RESPONSIBLE FOR THE SAFETY AND STABILITY OF THE STRUCTURE.	DRAWN	APPR.	REVISION	REMARKS	TITLE	<div><div></div><div>Designmen ARCHITECTS & ENGINEERS (PVT.) LTD. 101, Phase, Block B West Western Plaza, South Sector G-4, DELHI-110034 (PAREETAN) Mob: 98103 000777, 989990 Fax: 8079-139763 E-mail: info@designmen.com and gdp</div></div>			
				CHECK								
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								PUBLIC HEALTH	CONSTRUCTION			
										PROJECT	NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY	
										DRAWN BY	CHECKED BY	DATE

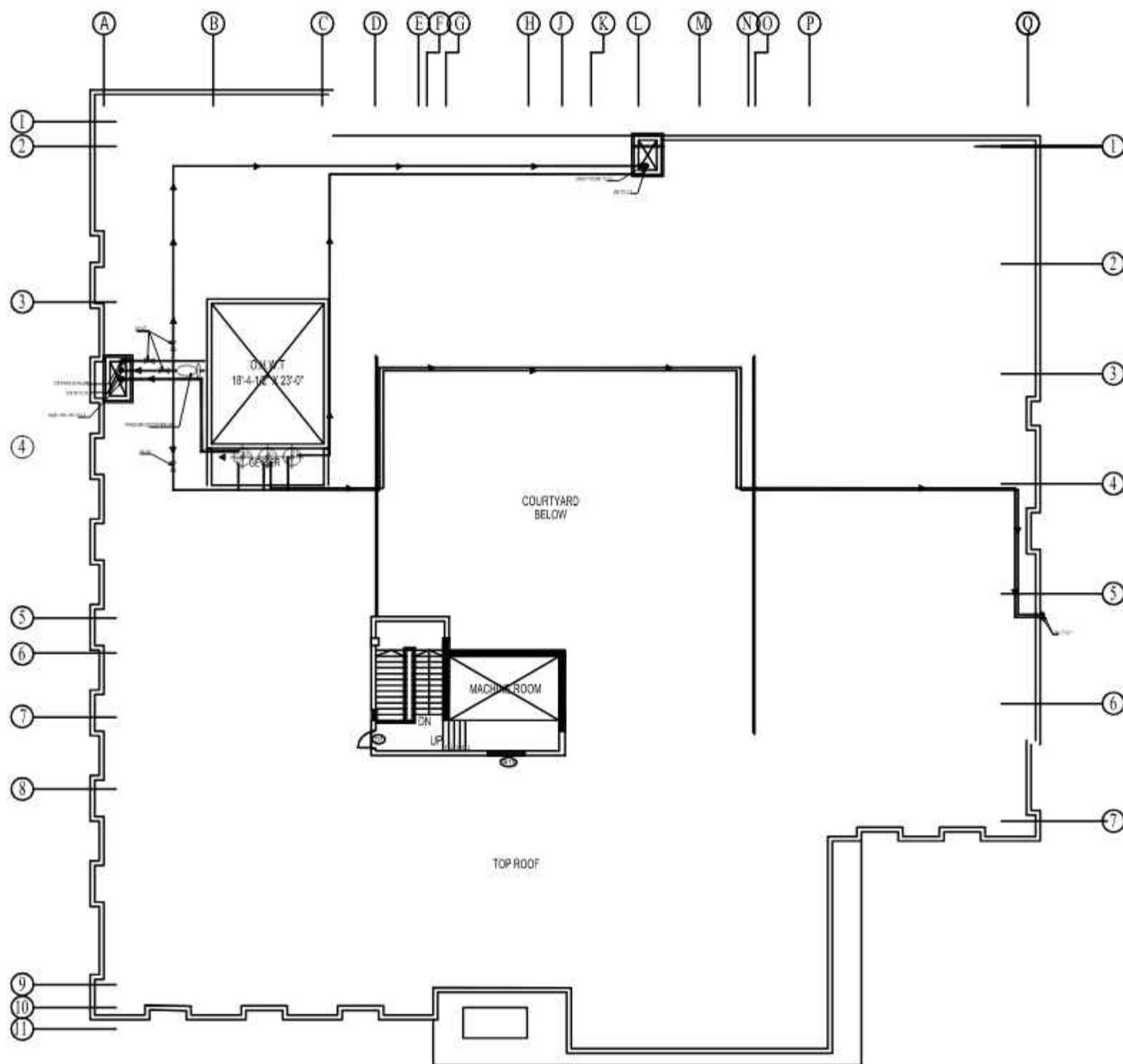
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TEL 05-2208907-10

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SECTOR G-6/1 ISLAMABAD
TEL 05-2208907-10

[illegible]

LEGEND	
HOT WATER R/W	
COLD WATER R/W	
RAIN / WASTE DRAIN TO CHASE	
DOOR	
REPELUX ROOFING FLUX	
WATER SUPPLY	



TOP ROOF PLAN

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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	MODIFIED	DATE	TITLE	TYPE OF DRAWING	DATE FOR	PROJECT	DATE	BY	DATE	DATE	DATE
			THE OWNER WILL APPROVE THE PROPOSED CONSTRUCTION OF THIS STRUCTURE. THE OWNER AND THE ARCHITECT ARE RESPONSIBLE FOR QUALITY AND STABILITY OF THE STRUCTURE. THE ARCHITECT'S RESPONSIBILITY IS TO PROVIDE THE NECESSARY CONSTRUCTION DETAILS AND SPECIFICATIONS FOR THE STRUCTURE.						TOP ROOF PLAN WATER SUPPLY	PUBLIC HEALTH	CONSTRUCTION	NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY					

DRAINAGE
NAS TECHNOLOGY PARK AT
SUKKUR IBA UNIVERSITY

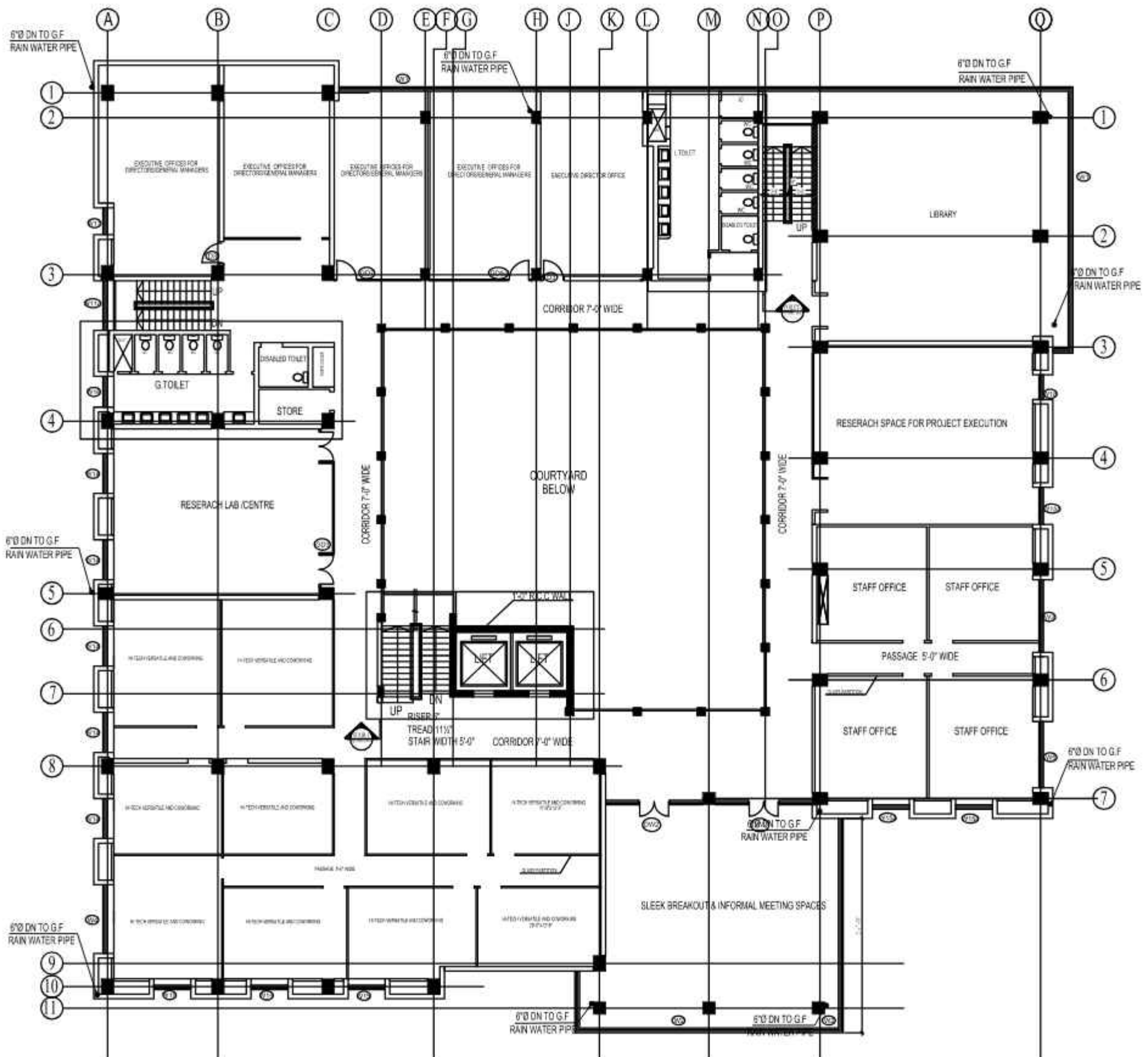
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TEL: 051-2289407-10

[illegible]

LEGEND	
DRAINAGE LINE	—
MANHOLE	MH
DIRECTION	▶
DRAINAGE PIPE	○



FIRST FLOOR PLAN

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 STREET 14 PLOT 401 Opp. TO PAKISTAN
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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 IS THE PROPERTY OF NAQVI AND SIDDIQUE INC. AND 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 SYSTEM, WITHOUT THE WRITTEN PERMISSION OF NAQVI AND SIDDIQUE INC.						FIRST FLOOR PLAN DRAINAGE	PUBLIC HEALTH	CONSTRUCTION	NAS TECHNOLOGY PARK AT SUKKUR IBA UNIVERSITY					

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

FIRE LIFE SAFETY
(TENDER DRAWINGS)

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Designmen

CONSULTING ENGINEERS (PVT) LTD.

1st Floor, Block 9-West,
Rizwan Plaza, Jinnah Avenue
F-6, ISLAMABAD - PAKISTAN
Ph: 92-51-2828577, 2829003
Fax: 92-51-2307815
E-mail: najib@ibn.comsate.net.pk

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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Fax: 92-51-2307615
E-mail: najibs@ishamans.net.pk

FIRE DETECTION & EQUIPMENT



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Ph: 92-51-2828577, 2829002
Fax: 92-51-2307615
E-mail: najibs@ishamans.net.pk

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.

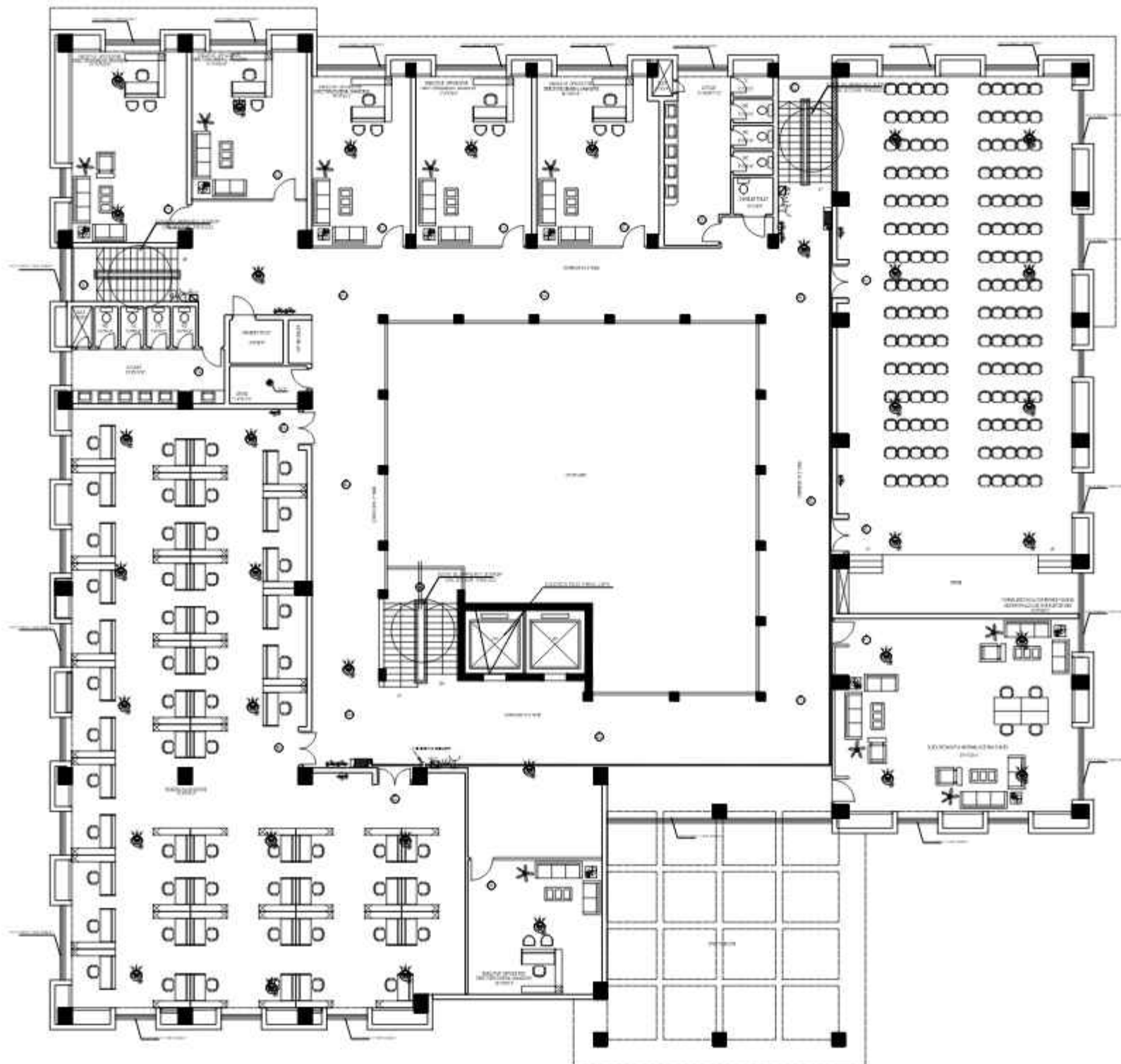
Description	REQUIRED	NOT REQUIRED	PROVIDED
FIRE EXTINGUISHER	REQUIRED		PROVIDED
HOSE REEL	REQUIRED		PROVIDED
WET RISER		NOT REQUIRED	NOT PROVIDED
DRY RISER		NOT REQUIRED	NOT PROVIDED
DOWN COMER	REQUIRED		PROVIDED
AUTOMATIC SPRINKLER		NOT REQUIRED	NOT PROVIDED
MCB, FIRE ALARM	REQUIRED		PROVIDED
AUTOMATIC 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	
HOOTER	
FLASHER	
DCP	



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Designmen
 CONSULTING ENGINEERS & ARCHITECTS

1st Floor, Block A West,
 Karama Phase, Jinnah Avenue,
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 Ph: 051-2289407, 2289408
 Fax: 051-2289407
 E-mail: naqvi@siddique.com.pk

PROJECT:

NAS TECHNOLOGY PARK AT
 SIKSAR IBA UNIVERSITY

SCALE

DATE

DWG. NO.

1/3-02

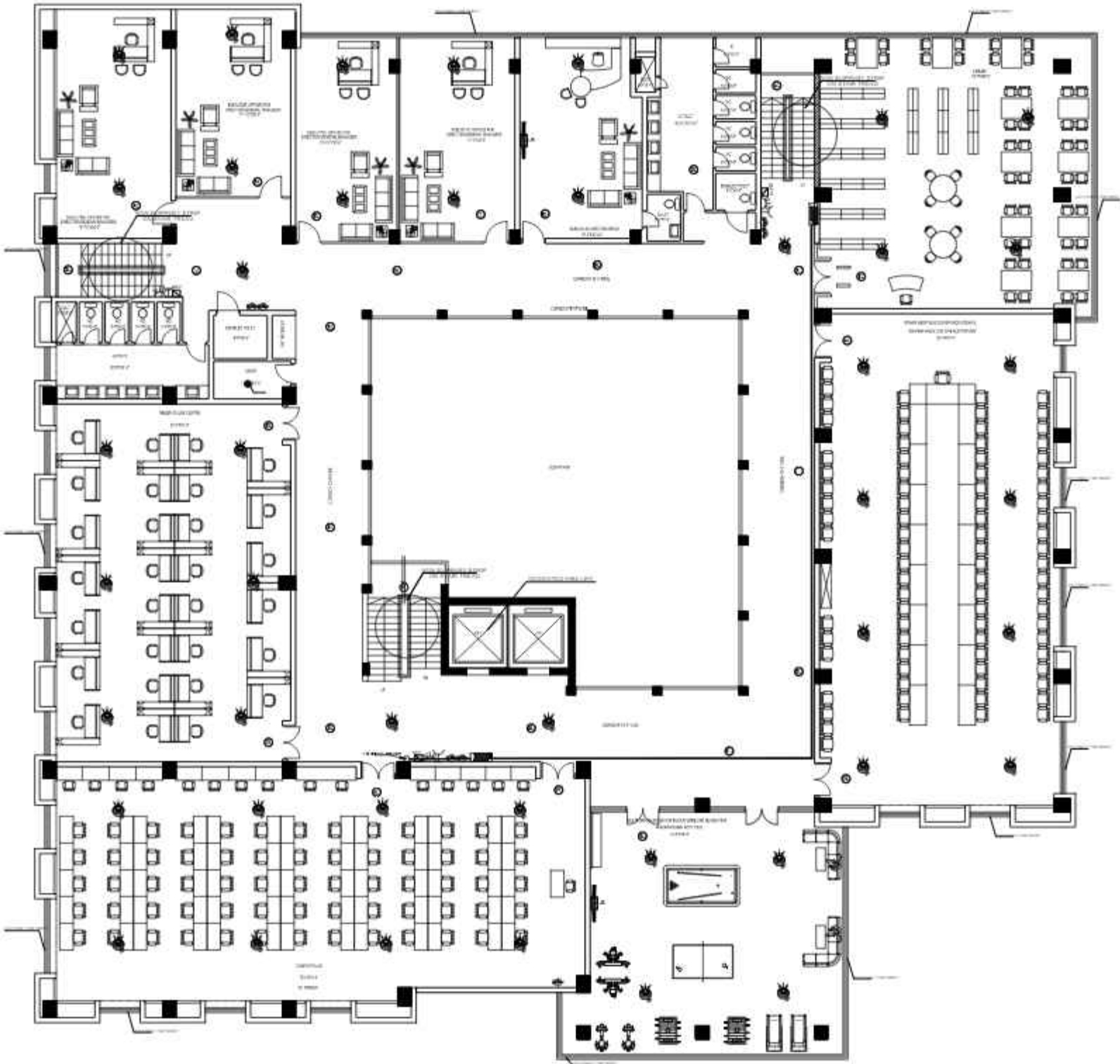
REVISION

REV.	DATE	REVISIONS	APPROVED	DATE	APPROVED	DATE	APPROVED
1							
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TITLE FIRST FLOOR PLAN FIRE DETECTION & EQUIPMENT	TYPE OF DRAWING FIRE LIFE SAFETY
DESIGNED BY DRAWN BY CHECKED BY APPROVED BY	DATE DATE DATE DATE
DESIGNED BY DRAWN BY CHECKED BY APPROVED BY	DATE DATE DATE DATE

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DESIGNED BY DRAWN BY CHECKED BY APPROVED BY	DATE DATE DATE DATE

MECHANICAL SYMBOLS AND ABBREVIATIONS	
EMERGENCY LIGHT	EL
CARBON DIOXIDE CO2 EXTINGUISHER	CD
POWDER EXTINGUISHER	PD
FIRE BLANKET	FB
FIRE HOSE REEL	FHR
SMOKE DETECTOR	SD
MANUAL GLASS BREAK	MG
HOOTER	H
FLASHER	F
DCP	DCP

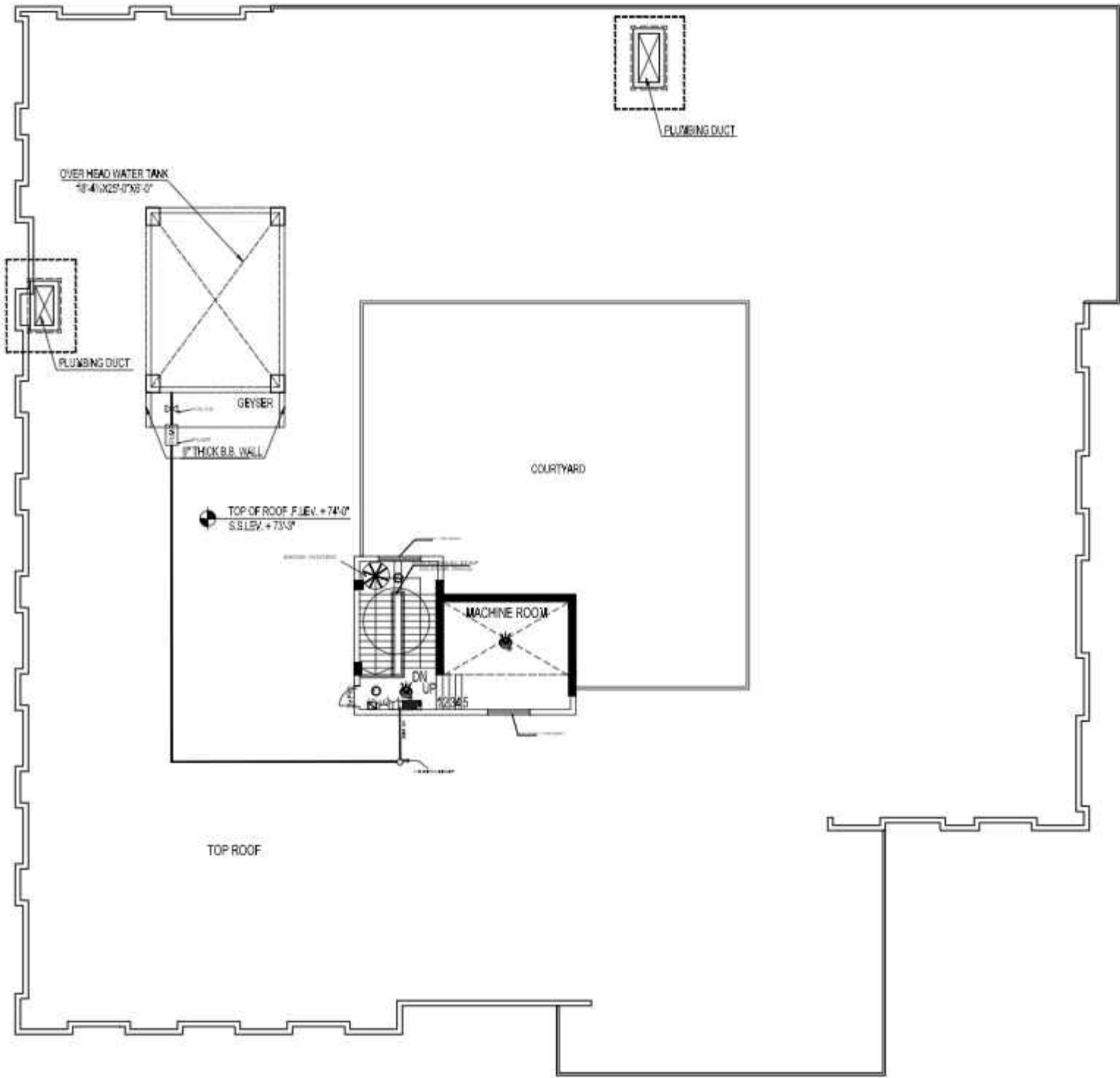


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STREET#14, PLOT#51, OPP. TO PAKISTAN
POVERTY ALLEVIATION FUND OFFICE,
SECTOR G-8/1, ISLAMABAD
TEL: 051-2289407-10



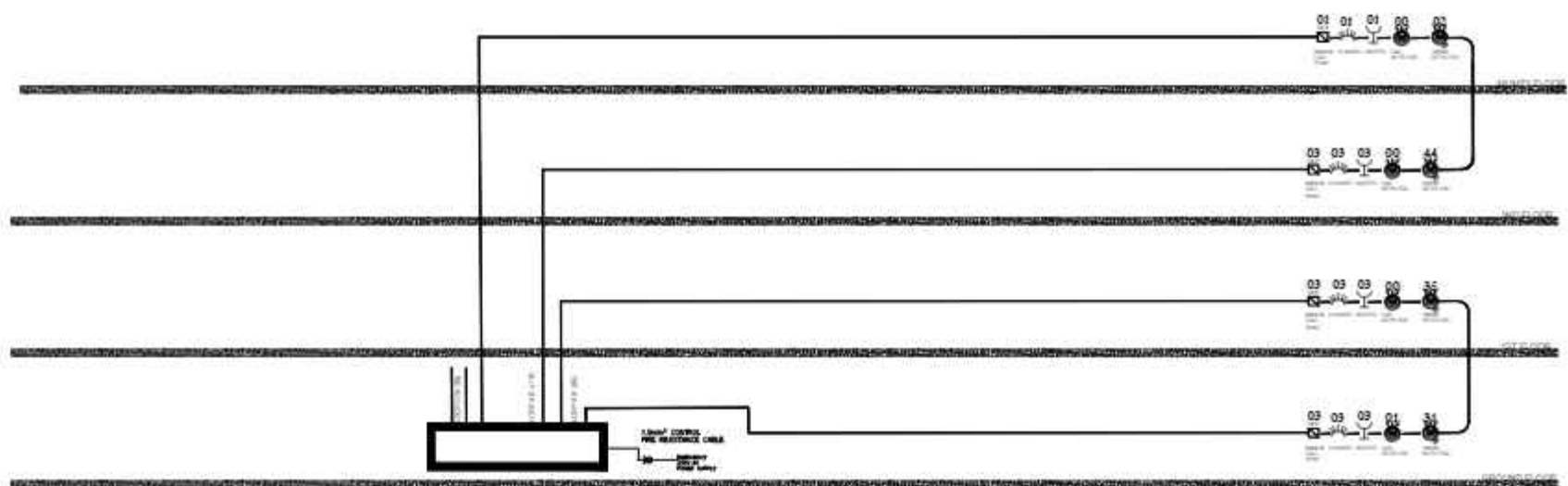
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MECHANICAL SYMBOLS AND ABBREVIATIONS	
EMERGENCY LIGHT	EL
CARBON DIOXIDE CO2 EXTINGUISHER	
POWDER EXTINGUISHER	
FIRE BLANKET	
FIRE HOSE REEL	
SMOKE DETECTOR	
MANUAL GLASS BREAK	
HOOTER	
FLASHER	
DCP	



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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 DECLARED / 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)

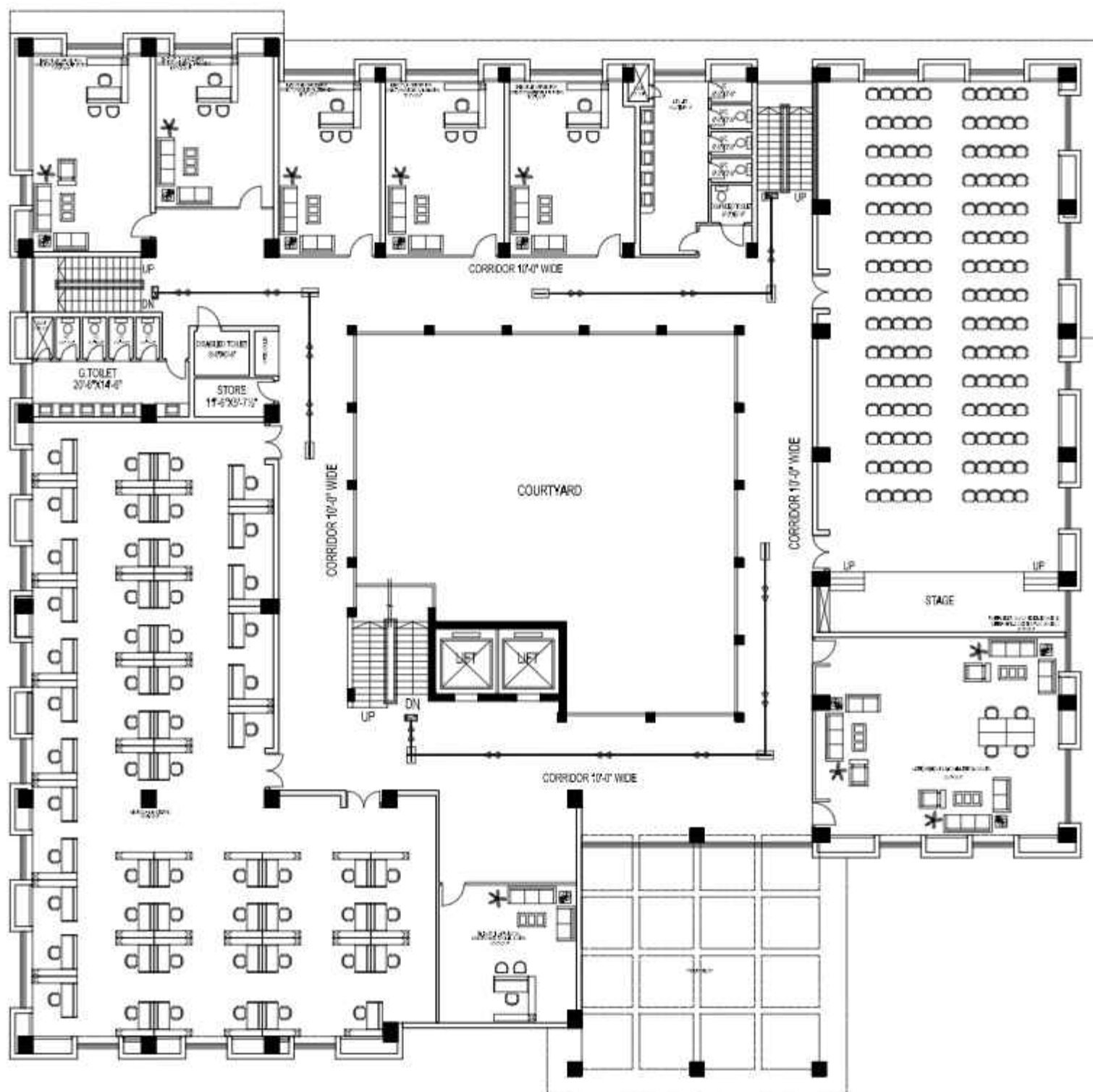


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Ph: 92-51-2828577, 2829002
Fax: 92-51-2307615
E-mail: najibs@ishamans.net.pk

	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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 E-MAIL: info@designmen.com.pk

PROJECT: **NAS TECHNOLOGY PARK AT SUBUL US SALAM UNIVERSITY**

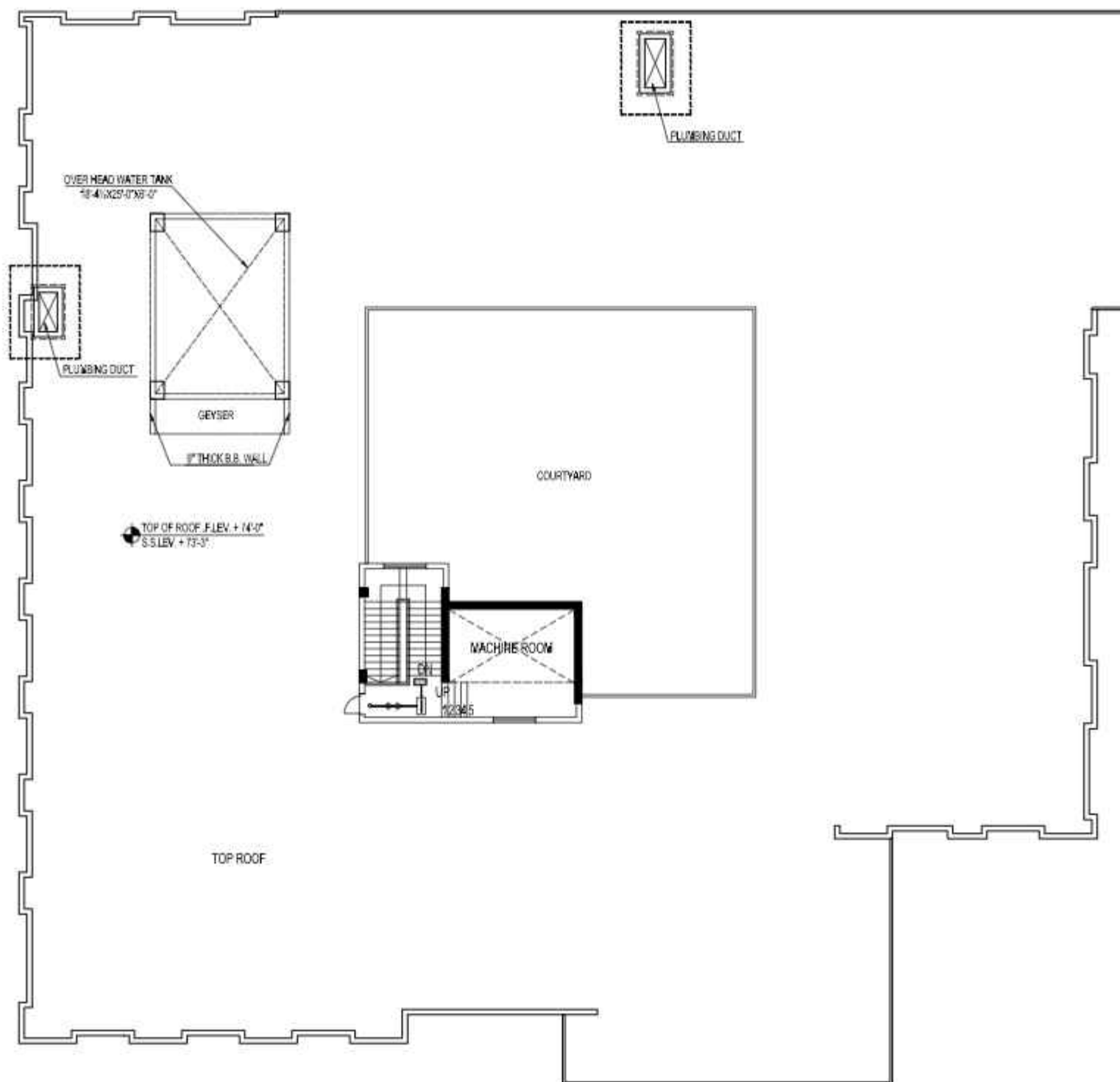
SCALE: _____ DATE: _____ DWG. NO.: **PLS-08** REV.: _____

	HOUSE ALARM/PUSH BUTTON
	FIRE EXTINGUISHER
	ILLUMINATION EMERGENCY EXIT SIGNAGE
	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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TITLE		2ND FLOOR PLAN		EGRESS PLAN		TYPE OF DRAWING		DESIGN FOR	
FIRE LIFE SAFETY		TENDER							
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	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

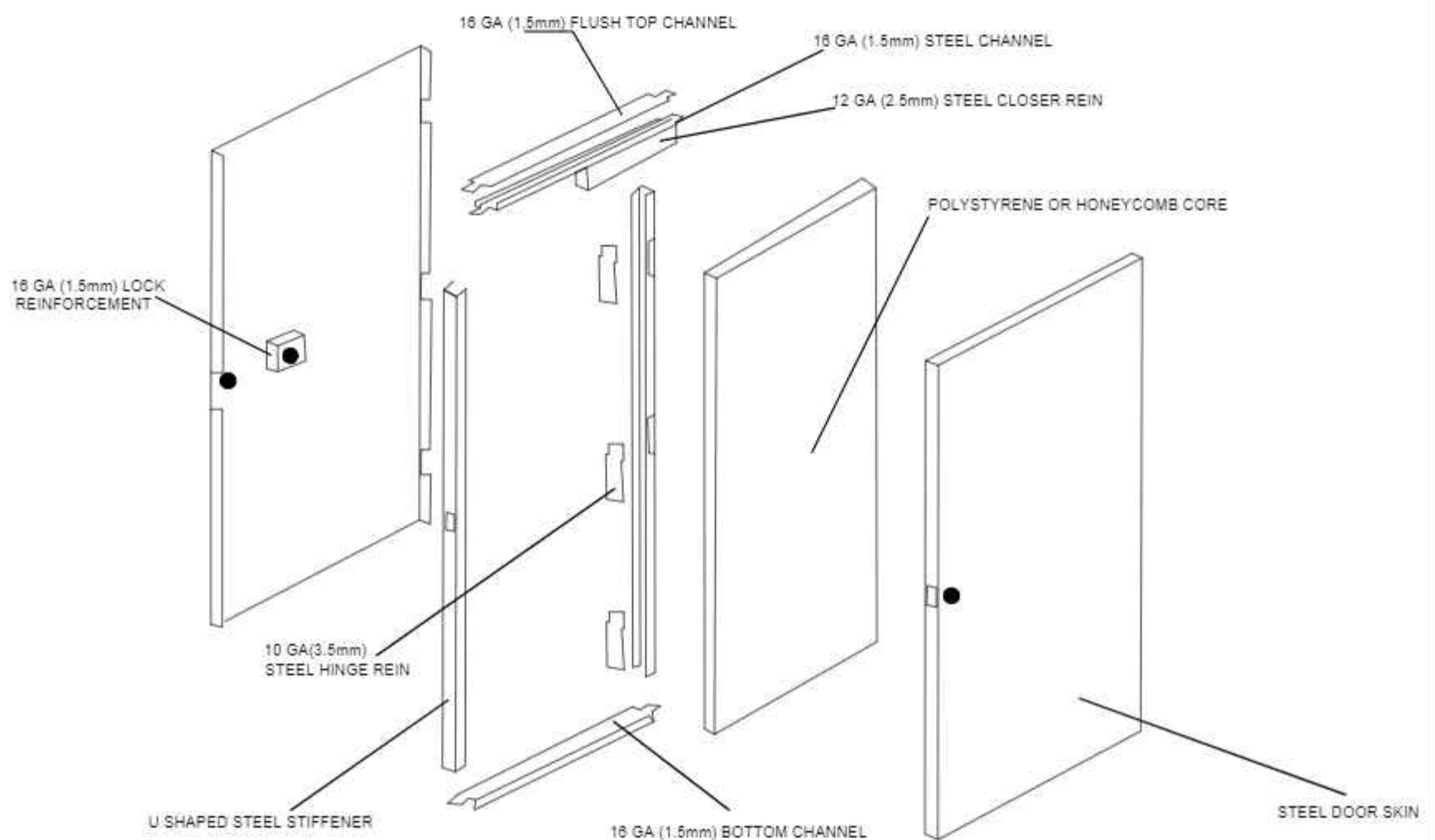


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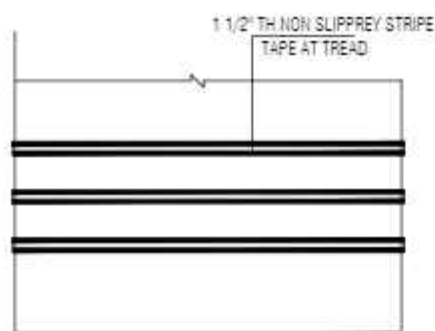


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									PROJECT: NAS TECHNOLOGY PARK AT SILIGURIBA UNIVERSITY		
									SCALE	DATE	DWG. NO.
											PLS-10

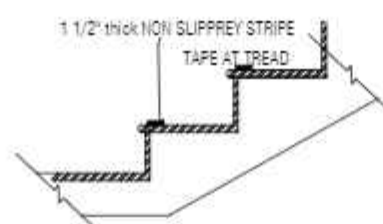
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SCALE	DATE	DWG. NO.	AS-11



FIRE DOOR DETAIL

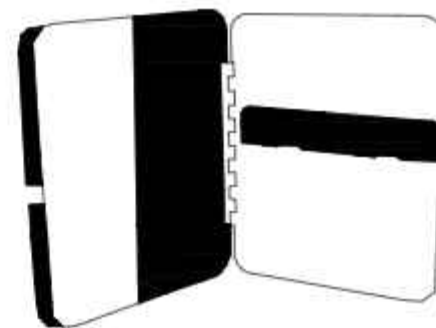


PLAN



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		