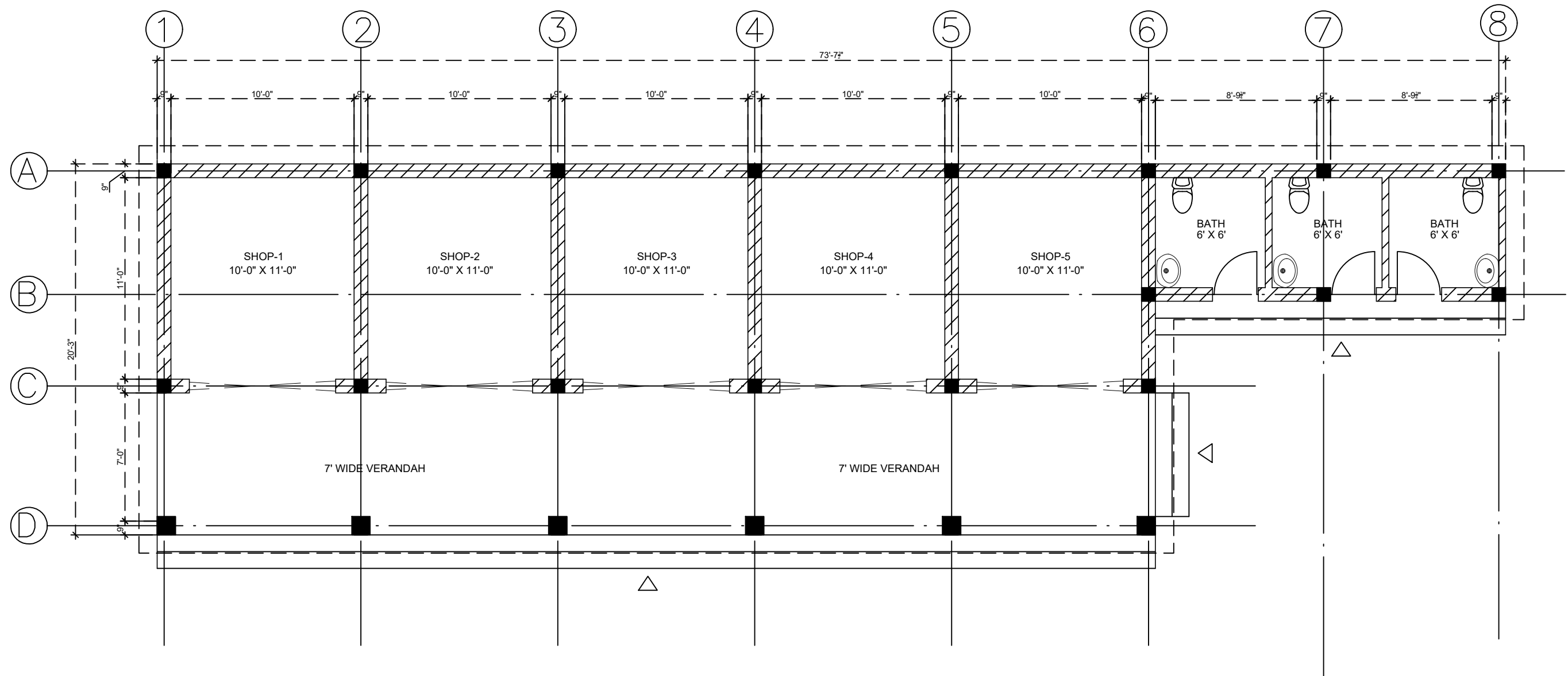




PLAN

Project

PROPOSED DESIGN
MARKET AND BATHS
(JOINT POLICE TRAINING CENTER)

Client

UNDP AND POLICE DEPARTMENT

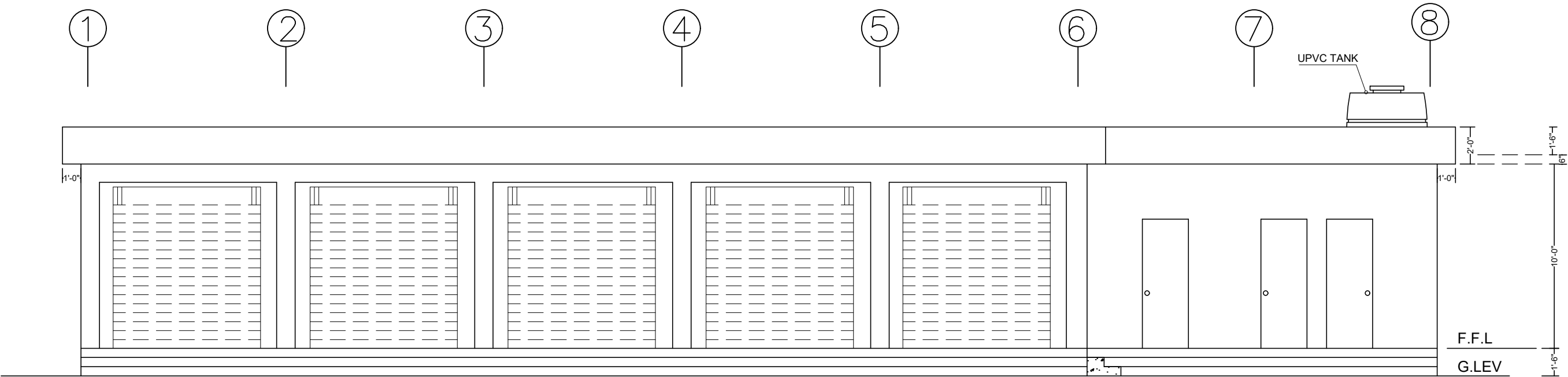
Consultant

MUHANDISEEN CONSULTANT

SCALE :	ARCHITECT :	IJAZ AHMAD
SHEET NO:	PREPARED BY :	MEHMOOD OKZ
DATE :	DRAWING TITLE:	PLAN

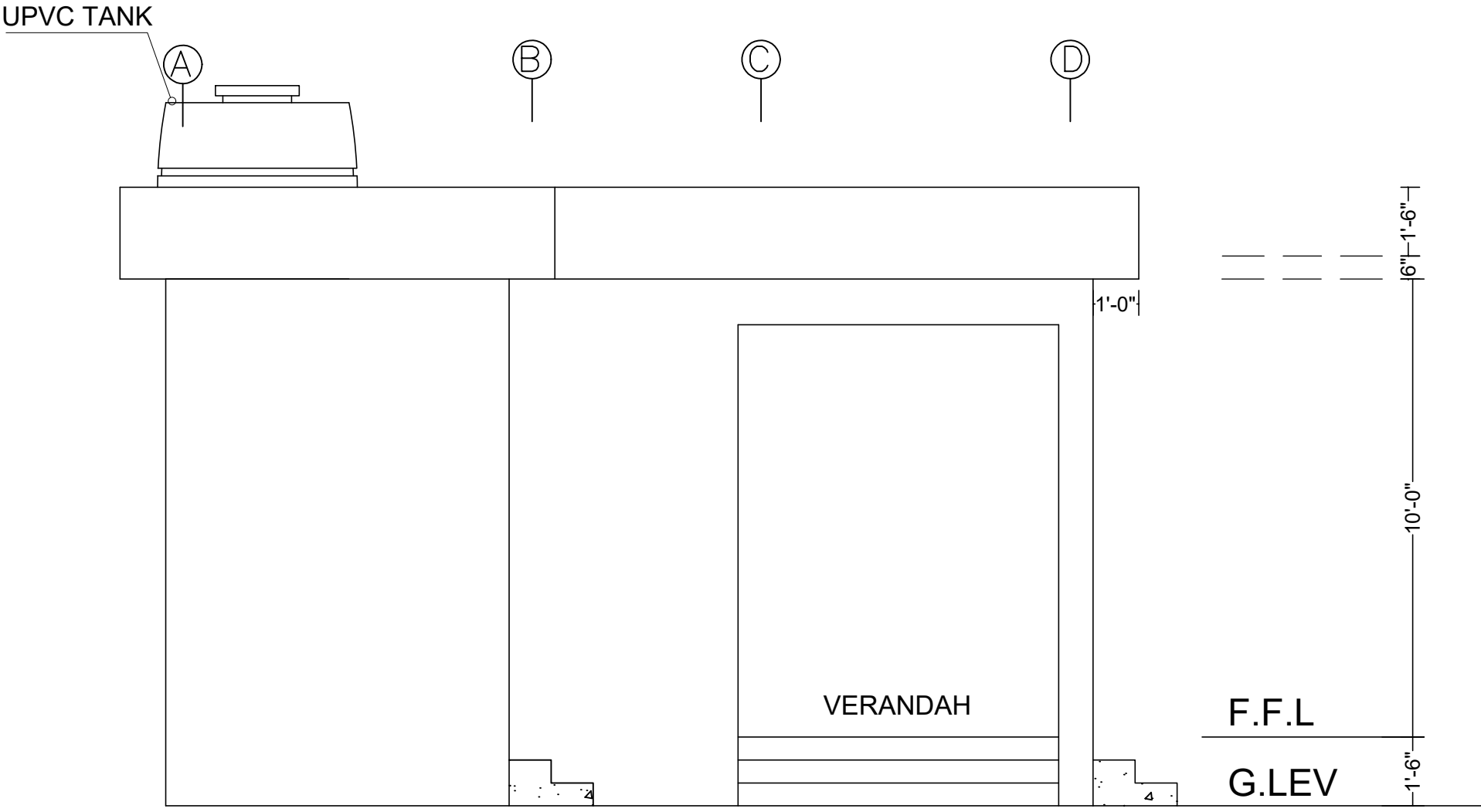
ARCHITECTURE DRAWING





FRONT ELEVATION

<i>Project</i>			<i>Client</i>			<i>Consultant</i>			<table><tr><td>SCALE :</td><td>ARCHITECT :</td><td>IJAZ AHMAD</td></tr><tr><td>N.T.S</td><td></td><td></td></tr><tr><td>SHEET NO:</td><td>PREPARED BY :</td><td>MEHMOOD OKZ</td></tr><tr><td>AR -02</td><td></td><td></td></tr><tr><td>DATE :</td><td>DRAWING TITLE:</td><td>FRONT ELEVATION</td></tr><tr><td>APRIL -2022</td><td></td><td></td></tr><tr><td colspan="3">ARCHITECTURE DRAWING</td></tr></table>			SCALE :	ARCHITECT :	IJAZ AHMAD	N.T.S			SHEET NO:	PREPARED BY :	MEHMOOD OKZ	AR -02			DATE :	DRAWING TITLE:	FRONT ELEVATION	APRIL -2022			ARCHITECTURE DRAWING					
SCALE :	ARCHITECT :	IJAZ AHMAD																																	
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SHEET NO:	PREPARED BY :	MEHMOOD OKZ																																	
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DATE :	DRAWING TITLE:	FRONT ELEVATION																																	
APRIL -2022																																			
ARCHITECTURE DRAWING																																			
PROPOSED DESIGN MARKET AND BATHS (JOINT POLICE TRAINING CENTER)			UNDP AND POLICE DEPARTMENT			MUHANDISEEN CONSULTANT																													



SIDE ELEVATION

<i>Project</i>	<i>Client</i>	<i>Consultant</i>	<table><tr><td>SCALE :</td><td>ARCHITECT :</td><td>IJAZ AHMAD</td></tr><tr><td>SHEET NO:</td><td>PREPARED BY :</td><td>MEHMOOD OKZ</td></tr><tr><td>DATE :</td><td>DRAWING TITLE:</td><td>SIDE ELEVATION</td></tr><tr><td colspan="3">ARCHITECTURE DRAWING</td></tr></table>	SCALE :	ARCHITECT :	IJAZ AHMAD	SHEET NO:	PREPARED BY :	MEHMOOD OKZ	DATE :	DRAWING TITLE:	SIDE ELEVATION	ARCHITECTURE DRAWING			
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SHEET NO:	PREPARED BY :	MEHMOOD OKZ														
DATE :	DRAWING TITLE:	SIDE ELEVATION														
ARCHITECTURE DRAWING																
PROPOSED DESIGN MARKET AND BATHS (JOINT POLICE TRAINING CENTER)	UNDP AND POLICE DEPARTMENT	MUHANDISEEN CONSULTANT														

GENERAL

- 1- READ ALL DRAWINGS IN CONJUNCTION WITH ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL & ANY OTHER RELEVANT DRAWING.
- 2- NOTES, GIVEN IN THIS DRAWING, ARE APPLICABLE TO ALL DRAWINGS UNLESS MENTIONED OTHERWISE. NOTES WRITTEN ON A DRAWING, SHALL BE APPLICABLE TO THAT PARTICULAR DRAWING ONLY UNLESS OTHERWISE CROSS-REFERRED.
- 3- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE STRUCTURES DURING CONSTRUCTION. HE SHALL ALSO VERIFY ALL DIMENSIONS AND LEVELS BEFORE EXECUTION OF WORK. ANY DISCREPANCY, ERROR OR OMISSION, IF FOUND, SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER FOR CORRECTION AND APPROVAL.
- 4- THE CONTRACTOR SHALL CO-ORDINATE WITH ARCHITECTURAL AND VARIOUS SERVICES DRAWINGS FOR SIZES & LOCATION OF ALL STRUCTURAL MEMBERS, FLOORS, WALLS, OPENINGS, FLOOR FINISHES, PIPES ETC.
- 5- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS & BAR BENDING SCHEDULES, FOR APPROVAL, TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
- 6- ALL LEVELS AND DIMENSIONS ARE IN FEET & INCHES UNLESS OTHERWISE NOTED.
- 7- DO NOT SCALE THE DRAWINGS. DIMENSIONS, GIVEN ON THE DRAWING, SHALL GOVERN.

FOUNDATION

- 1- THE DESIGN OF FOUNDATION IS BASED ON THE RECOMMENDATIONS OF GEOTECHNICAL 1.00 TON/SFT.
- 2- FOOTING OF COLUMNS & WALLS, FOR ALL STRUCTURES, SHALL BE PLACED ON COMPETENT BEARING STRATA. IF ACCEPTABLE BEARING STRATA IS NOT FOUND AT INDICATED DEPTH OF FOUNDATION, THE ENGINEER SHALL BE NOTIFIED IN WRITING FOR HIS INSTRUCTION

REINF. CONCRETE WORKS

- 1- ALL STRUCTURAL CONCRETE SHALL CONFORM TO BRITISH STANDARD AS PER INVESTIGATION REPORT.

CONC. CLASS	MIN. CYLINDER CRUSHING STRENGTH AT 28 DAYS
A	3750 psi
B	3000 psi
C	2400 psi
D	1200 psi
E	800 psi

- 2- ALL CONCRETE FOR BEAMS, SLABS, COLUMNS & FOOTINGS SHALL BE CLASS "C" TYPE.

REINF. STEEL WORKS

1. ALL REINFORCING STEEL EXCEPT 3/8"Ø BARS SHALL BE DEFORMED, HOT ROLLED BILLET STEEL BARS CONFORMING TO ASTM A-615 GRADE-60 WITH SPECIFIED YIELD STRENGTH OF NOT LESS THAN 60,000 psi.
2. 3/8"Ø BARS SHALL BE MILD STEEL DEFORMED BARS CONFORMING TO ASTM A-615 GRADE-40 WITH SPECIFIED YIELD STRENGTH OF NOT LESS THAN 40,000 psi.
3. IN THE STRUCTURAL DRAWINGS, GRADE-60 STEEL BARS ARE REPRESENTED USING PREFIX SYMBOL "#" AND GRADE-40 STEEL BARS ARE REPRESENTED USING PREFIX SYMBOL "Ø". WHEREAS, THE NUMBER INDICATES THE BAR DIAMETER/SIZE, AS UNDER:

BAR NO.	DIA SIZE (INCHES)
3	3/8
4	1/2
5	5/8
6	3/4

- 4- CLEAR COVER TO REINFORCEMENT SHALL BE AS UNDER:

ST.ELEM.	COVER (INCHES)
FOOTINGS	2
BEAMS	1 1/2
COLUMNS	1 1/2
SLABS	3/4

- 5- ALL REINF. STEEL SHALL BE ACCURATELY LOCATED IN THE FORMS AND HELD FIRMLY IN PLACE BEFORE & DURING THE PLACING OF CONCRETE, BY MEANS OF WIRE AND SUPPORTS ADEQUATE TO PREVENT DISPLACEMENT DURING THE COURSE OF CONSTRUCTION.

CONCRETE CONSTRUCTION

- 1- ALL STRUCTURAL SURFACES, AGAINST WHICH EARTH IS TO BE FILLED, SHALL BE COATED WITH TWO COATS OF HOT BITUMEN OF 10/20 GRADE AT THE RATE OF 1.0 Kg/sqm EACH COAT.
- 2- THE CONTRACTOR SHALL SUBMIT CONCRETE POURING SCHEDULE FOR ENGINEER'S APPROVAL. NO CONCRETE SHALL BE PLACED UNTIL WRITTEN PERMISSION IS GIVEN BY THE ENGINEER.
- 3- DURING CONSTRUCTION, STACKING OF CONSTRUCTION MATERIALS, BRICKS, etc. SHOULD BE AVOIDED ON SLAB PANELS.
- 4- BEFORE CASTING OF ANY STRUCTURAL MEMBER, THE CONTRACTOR SHALL ENSURE THAT ALL EMBEDDED ITEMS FOR ELECTRICAL, MECHANICAL, HVAC, PLUMBING, STRUCTURAL STEEL AND OTHER WORKS ARE PROPERLY LOCATED IN PLACE.

CONSTRUCTION JOINT

- 1- JOINTS, NOT SHOWN ON THE DRAWING, SHALL BE SO MADE AND LOCATED AS TO LEAST IMPAIR THE STRENGTH OF THE STRUCTURE AND SHALL NEED PRIOR APPROVAL OF THE ENGINEER. THEY SHALL BE LOCATED NEAR THE MIDDLE OF THE SPANS OF SLAB & BEAMS. JOINT IN WALLS & COLUMNS SHALL BE AT THE UNDER-SIDE OF FLOORS, SLABS OR BEAMS AND AT THE TOP OF FOOTINGS OR FLOOR SLAB

ELECTRICAL CONDUITS

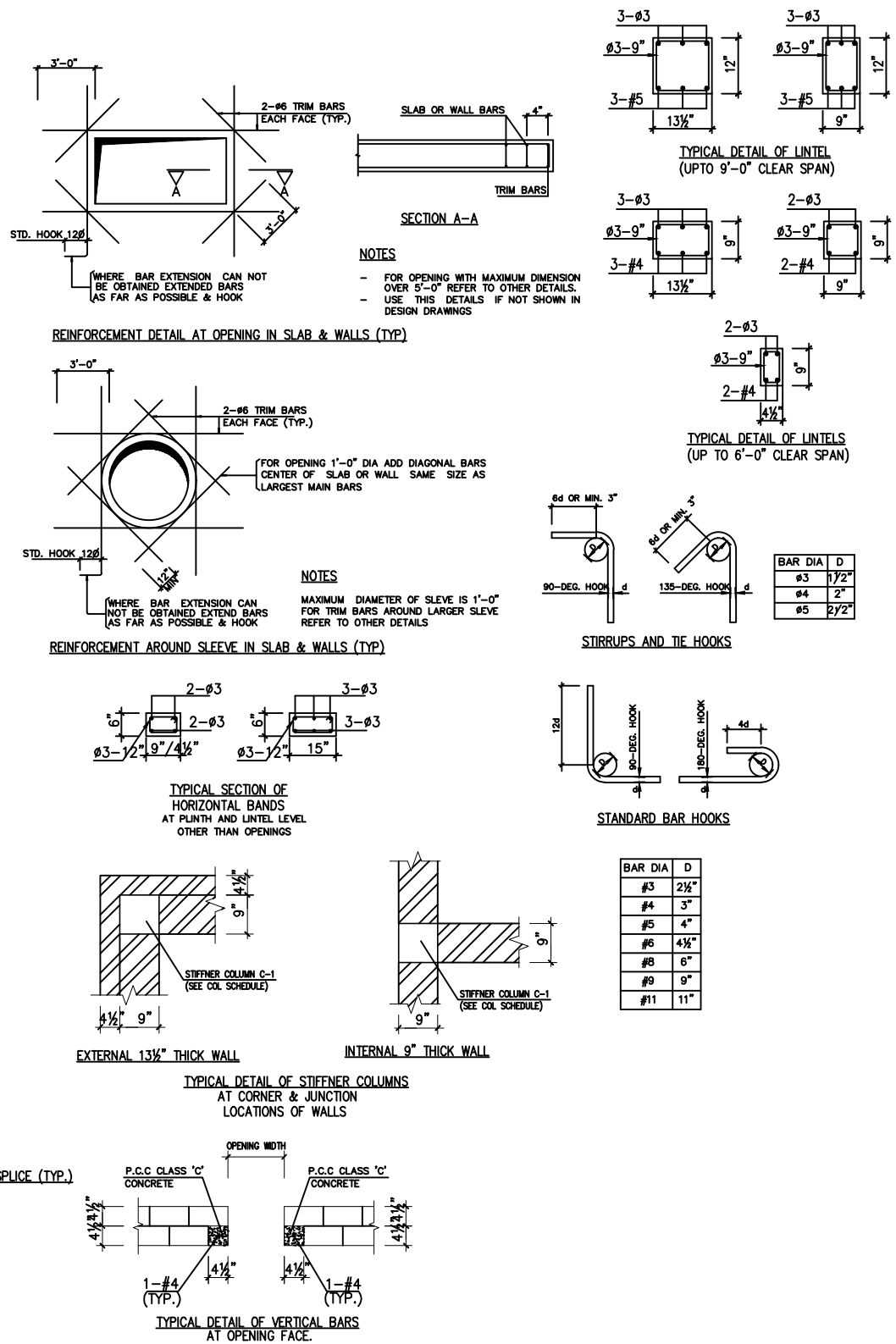
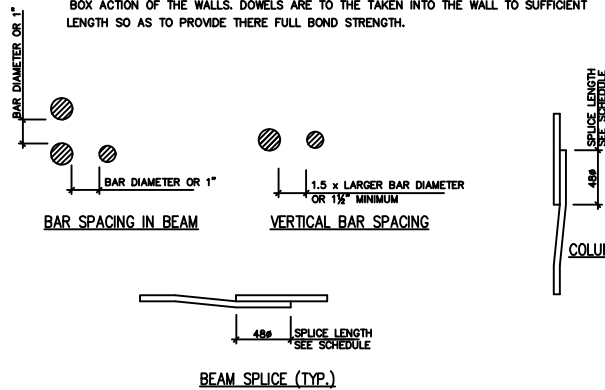
- 1- CONDUITS, FOR ELECTRICAL WORKS, SHALL BE PLACED WITHIN THE REINFORCED CONCRETE. THEY SHALL BE PLACED WITHIN THE MIDDLE THIRD OF THE SECTION IN BEAMS & SLABS AND WITHIN THE MIDDLE HALF OF THE THICKNESS. SPACING BETWEEN PARALLEL CONDUITS SHALL NOT BE LESS THAN 6 INCHES

SHORING & BRACING

- 1- SHORE & BRACE ALL PARTS OF THE BUILDING DURING CONSTRUCTION, TO THE EXTENT NECESSARY TO ENSURE COMPLETE SAFETY, STRENGTH & SERVICEABILITY OF ALL STRUCTURAL ELEMENTS UNDER ALL CONDITIONS OF LOADS WHICH MAY OCCUR DURING CONSTRUCTION. SUCH SHORING & BRACING IS THE CONTRACTOR'S SOLE RESPONSIBILITY AND IS NOT SHOWN ON STRUCTURAL DRAWINGS OR SPECIFIED IN THE PROJECT.

SPECIAL SEISMIC DETAILING FOR MASONRY WORKS

- 1- HORIZONTAL R.C.C BANDS SHALL BE PROVIDED CONTINUOUSLY THROUGH ALL LOAD BEARING LONGITUDINAL AND TRANSVERSE WALLS AT PLINTH AND LINTEL LEVEL.
- 2- VERTICAL STEEL BARS SHALL BE INSTALLED AT THE CRITICAL SECTIONS (i.e. THE CORNERS OF WALLS, JUNCTIONS OF WALLS, AND JAMBS OF DOORS.) RIGHT FROM THE FOUNDATION CONCRETE. THEY SHALL BE COVERED WITH CEMENT CONCRETE IN CAVITIES MADE AROUND THEM DURING THE MASONRY CONSTRUCTION.
- 3- THE VERTICAL STEEL AT OPENINGS MAY BE STOPPED BY EMBEDDING IT INTO THE LINTEL BAND, BUT THE VERTICAL STEEL AT THE CORNERS AND JUNCTIONS OF WALLS MUST BE TAKEN INTO EITHER THE FLOOR AND THE ROOF SLABS.
- 4- OPENINGS SHALL BE BOXED IN REINFORCED JAMBS THROUGH THE MASONRY.
- 5- STEEL DOWEL BARS SHALL BE PROVIDED AT CORNERS AND T-JUNCTIONS TO INTEGRATE BOX ACTION OF THE WALLS. DOWELS ARE TO BE TAKEN INTO THE WALL TO SUFFICIENT LENGTH SO AS TO PROVIDE THERE FULL BOND STRENGTH.



Project

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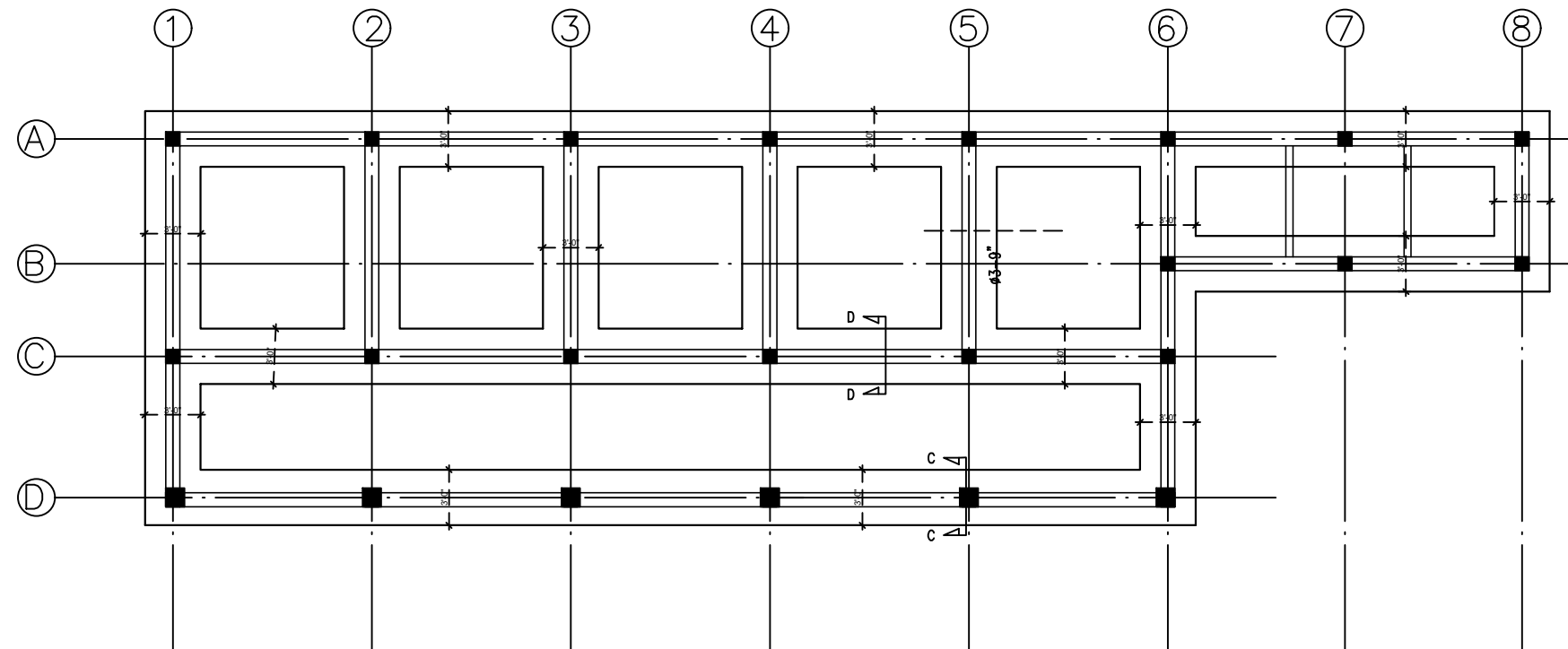
Consultant

MUHANDISEEN CONSULTANT

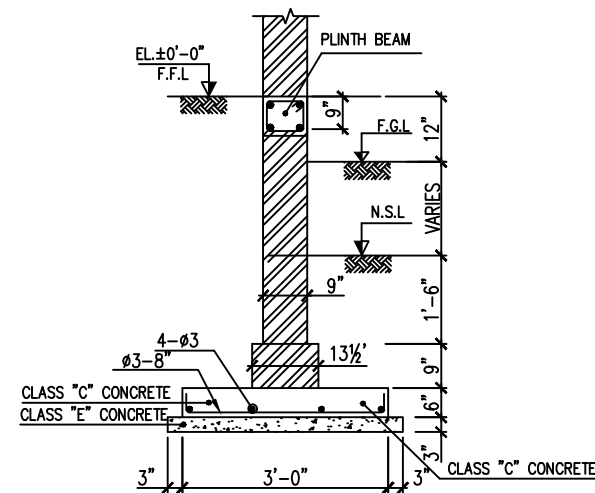
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SHEET NO: ST -04	PREPARED BY : MEHMOOD OKZ	
DATE : APRIL - 2022	DRAWING TITLE:	GENERAL NOTES

STRUCTURE DRAWING

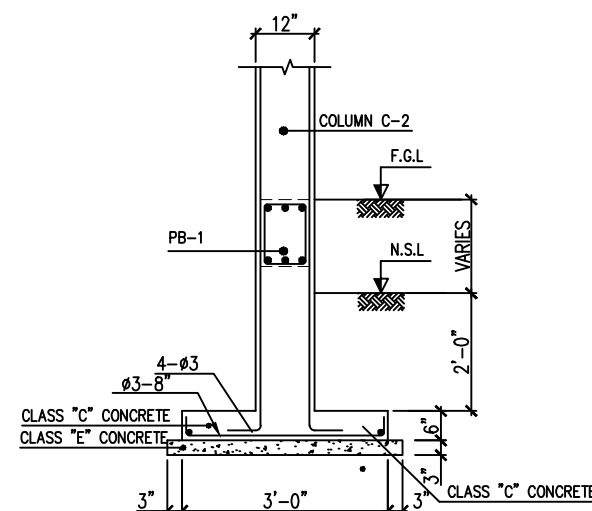




FOUNDATION COLUMN LAYOUT PLAN



TYPICAL SECTION (D) OF 9"-TH.
BRICK MASONRY WALL FOOTING



DETAIL OF FOOTING SECTION (C)
WITH COLUMN C-2

NOTES.

1. FOR GENERAL NOTES REFER DWG. NO. 3916/323/C/10G01.
2. READ THIS DRAWING IN CONJUNCTION WITH ALL THE RELEVANT PROJECT DRAWINGS.
3. ALL UNITS ARE IN 'FPS' SYSTEM, EXCEPT NOTED OTHERWISE.
4. ALL SLAB ARE 5" THICK EXCEPT NOTED OTHERWISE.
5. FOR SECTION 1-1 AND BEAM RB-2 SIZE & REINF. DETAILS, REFER DWG # 3916/323/C/10G05.

Project

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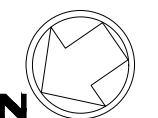
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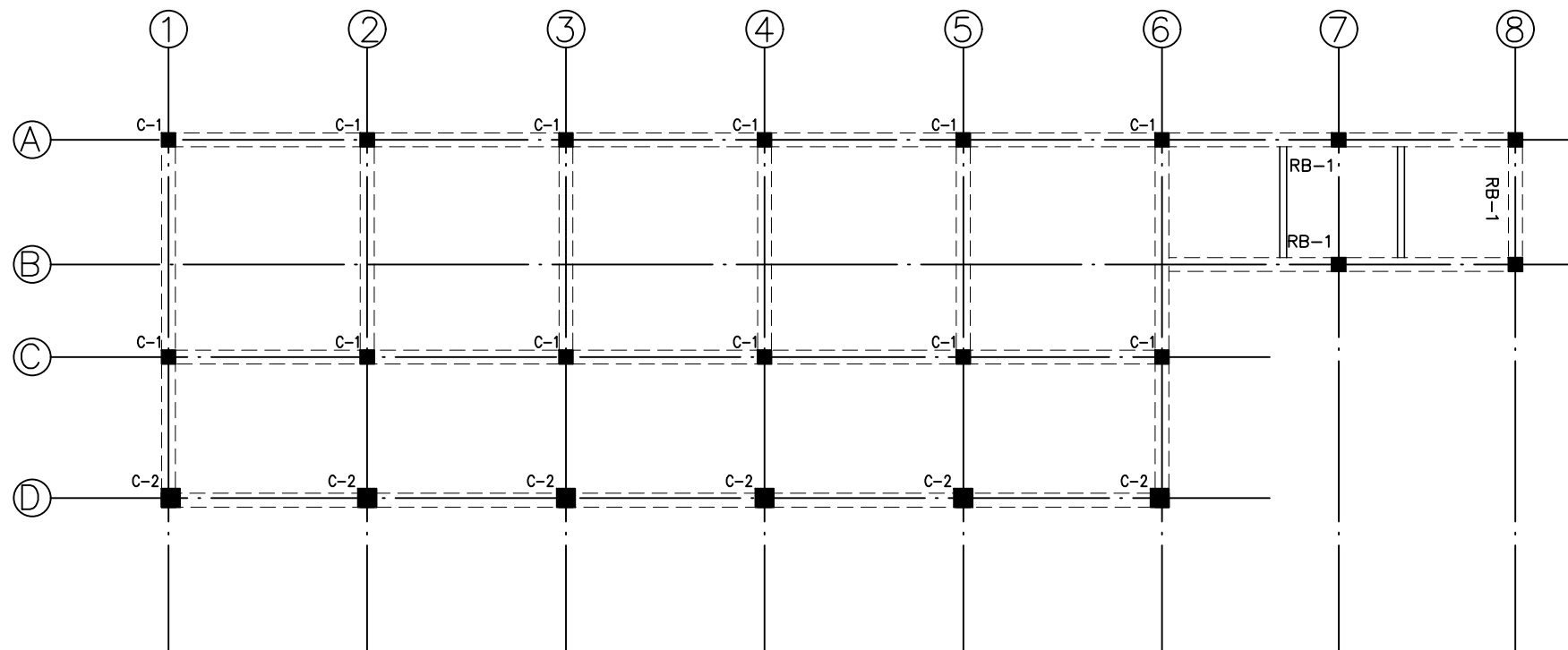
Consultant

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SCALE: N.T.S	ARCHITECT:	IJAZ AHMAD
SHEET NO: ST -05	PREPARED BY:	MEHMOOD OKZ
DATE: APRIL - 2022	DRAWING TITLE:	FOOTING LAYOUT

STRUCTURE DRAWING



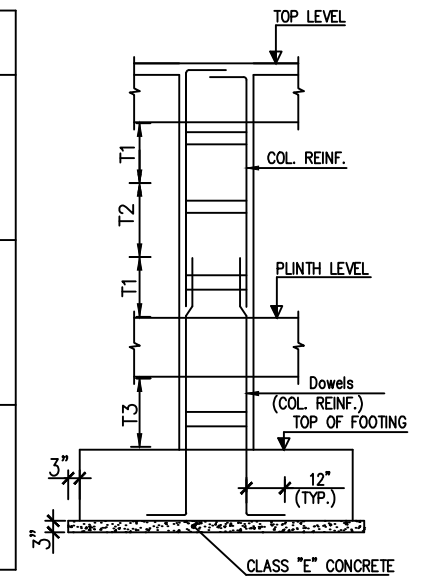


COLUMN

NOTES.

1. FOR GENERAL NOTES REFER DWG. NO. 3916/323/C/10G01.
2. READ THIS DRAWING IN CONJUNCTION WITH ALL THE RELEVANT PROJECT DRAWINGS.
3. ALL UNITS ARE IN 'FPS' SYSTEM, EXCEPT NOTED OTHERWISE.
4. THE WALL FOUNDATIONS SHALL BE PLACED ON COMPETENT BEARING STRATA. IF ACCEPTABLE BEARING STRATA IS NOT AVAILABLE AT INDICATED DEPTH OF FOUNDATION, THE ENGINEER SHALL BE NOTIFIED IN WRITING FOR HIS/HER INSTRUCTION.

ELEVATION MARK	C1	C2
EL.+11'-0"		
EL.±0'-0"		
TOP OF FOOTING		



COLUMN ELEVATION

BEARING LEVELS OF FOUNDATION IN LIEU OF FINISHED FLOOR LEVEL (F.F.L.), FINISHED GROUND LEVEL (F.G.L.) & SURVEY LEVEL			
HOUSE DETAIL	FINISHED FLOOR LEVEL (F.F.L.) EL±0'-0"	FINISHED GROUND LEVEL (F.G.L.) EL(-)1'-0"	BEARING LEVEL OF FOUNDATION
A	1080	1079	1076
B	1082	1081	1077
C	1084	1083	1077
D	1086	1085	1080

Project

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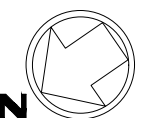
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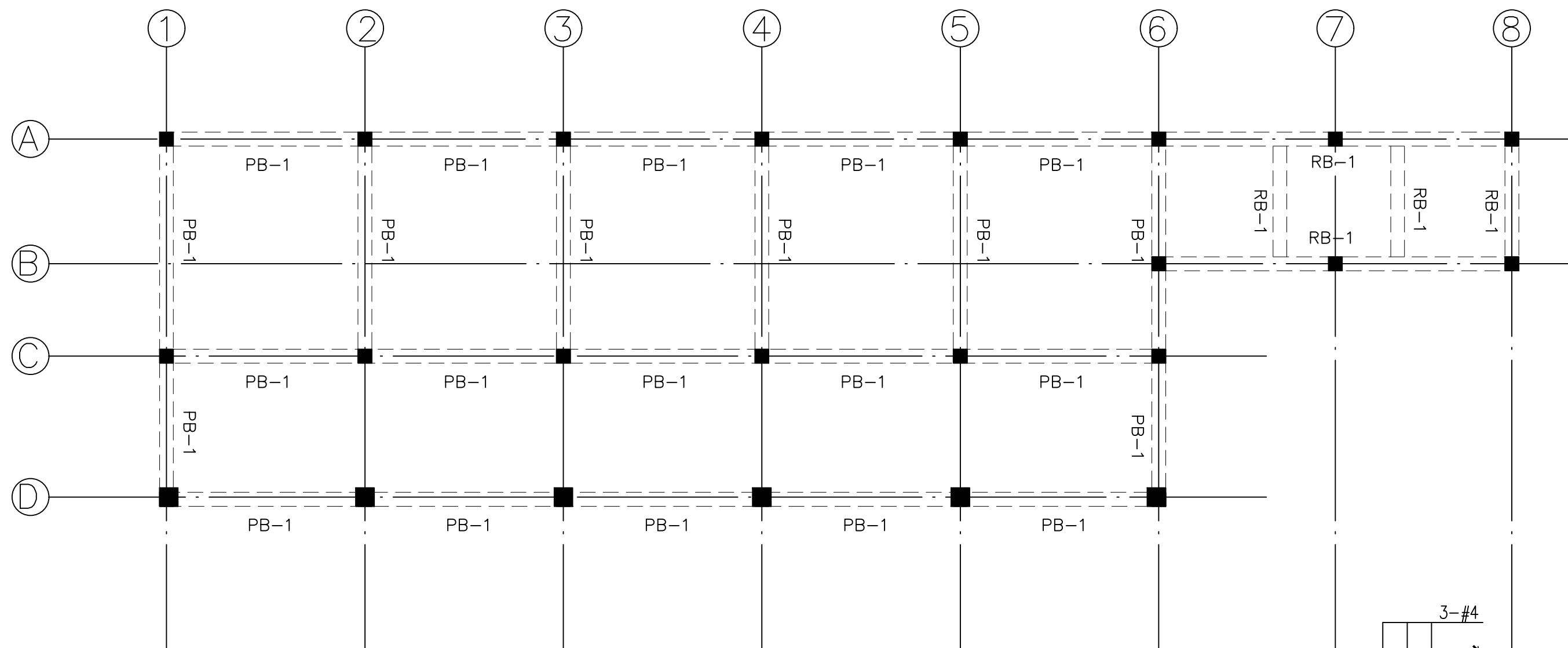
Consultant

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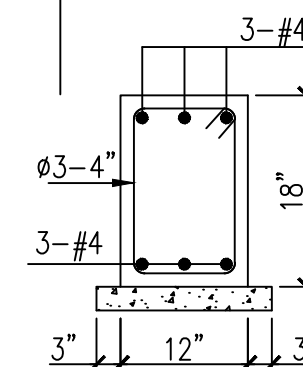
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SHEET NO: ST -06	PREPARED BY : MEHMOOD OKZ	
DATE : APRIL - 2022	DRAWING TITLE: COLUMN LAYOUT	

STRUCTURE DRAWING





PLINTH BEAM



TYPICAL SECTION OF
PLINTH BEAM PB-1

Project
PROPOSED DESIGN
MARKET AND BATHS
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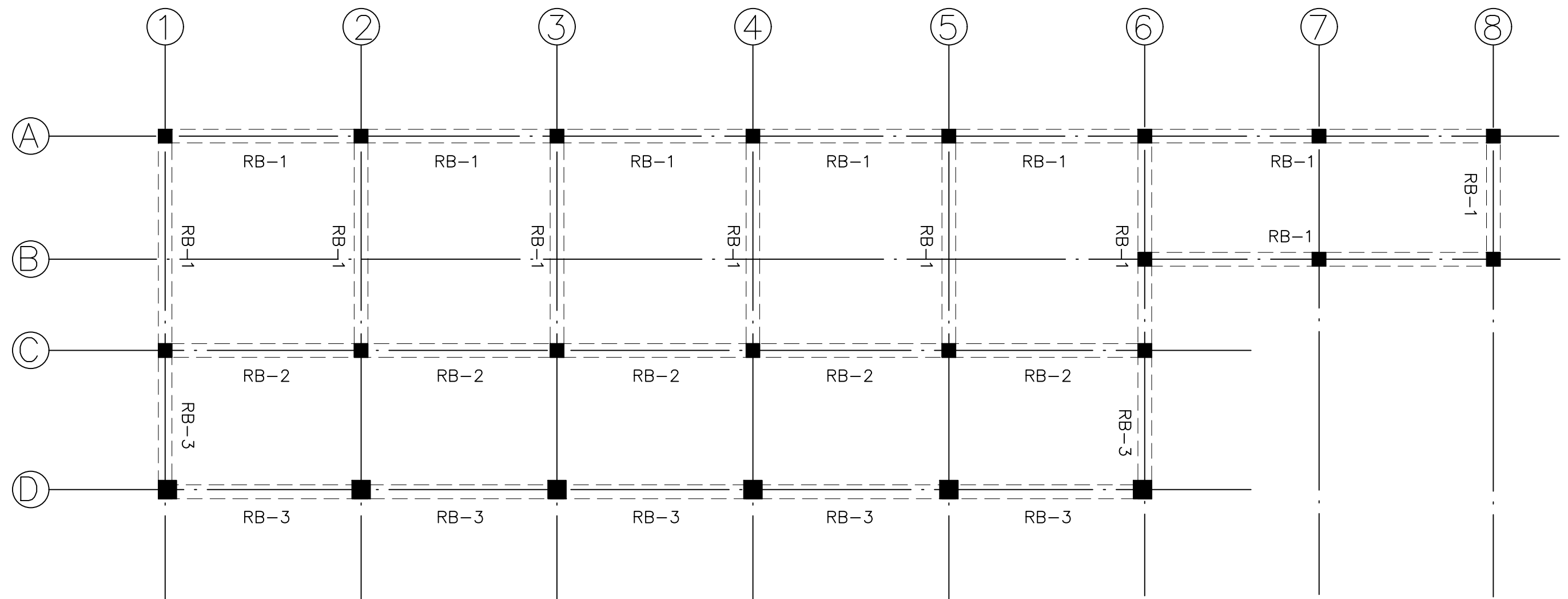
Client
UNDP AND POLICE DEPARTMENT

Consultant
MUHANDISEEN CONSULTANT

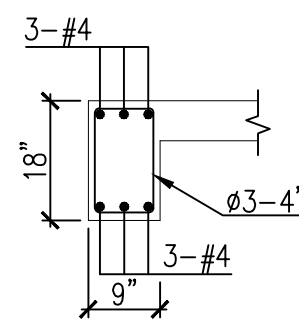
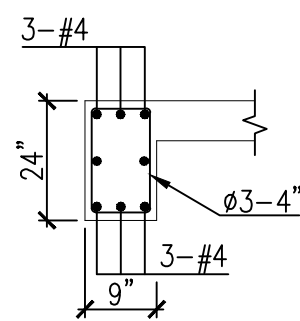
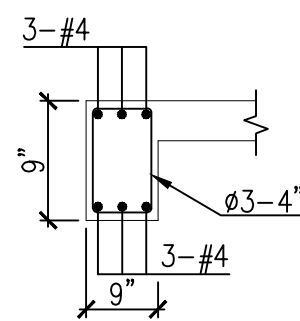
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SHEET NO: ST -07	PREPARED BY:	MEHMOOD OKZ
DATE: APRIL - 2022	DRAWING TITLE:	PLINTH BEAM

STRUCTURE DRAWING





ROOF BEAM



SECTION OF RB - 1

SECTION OF RB - 2

SECTION OF RB - 3

Project

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MARKET AND BATHS
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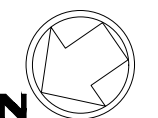
UNDP AND POLICE DEPARTMENT

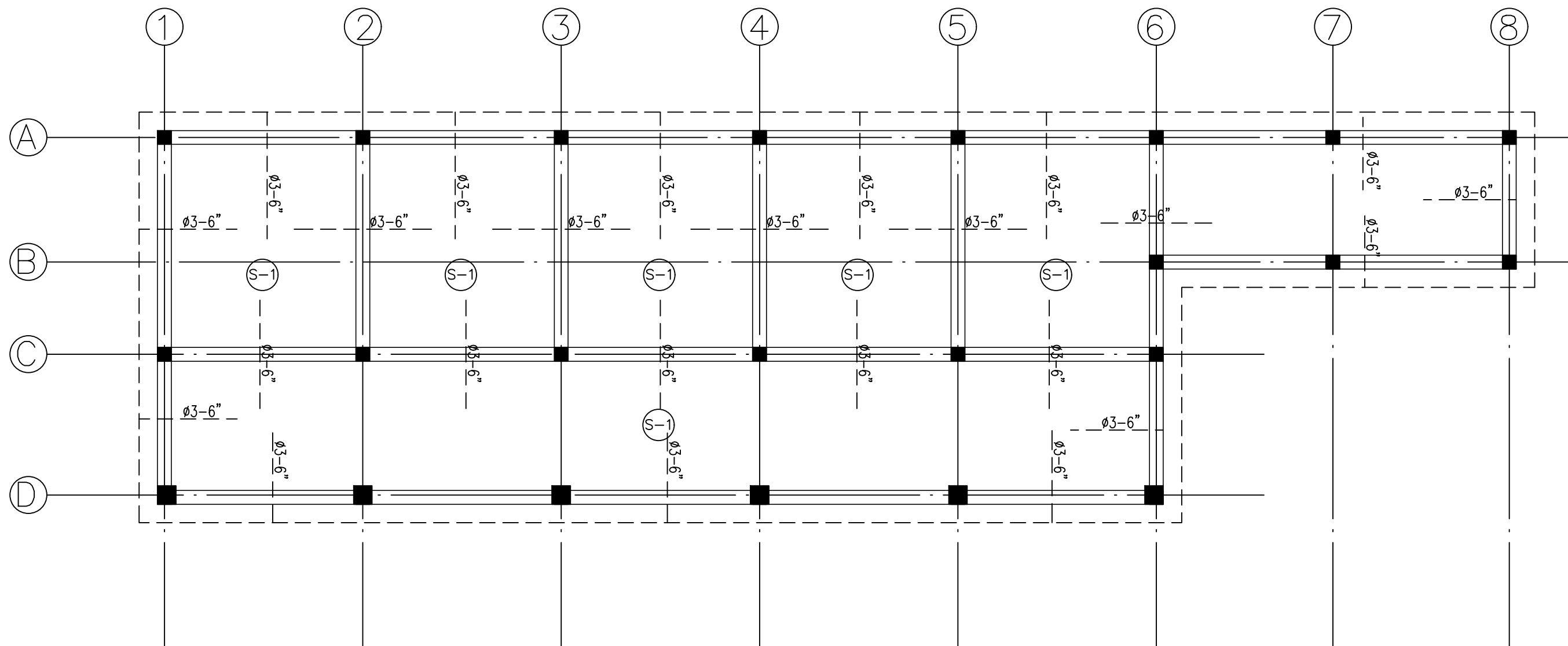
Consultant

MUHANDISEEN CONSULTANT

SCALE: N.T.S	ARCHITECT: IJAZ AHMAD
SHEET NO: ST -08	PREPARED BY: MEHMOOD OKZ
DATE: APRIL - 2022	DRAWING TITLE: ROOF BEAM

STRUCTURE DRAWING





SLAB REINF. PLAN
AT EL.+10'-6"

BOTTOM SLAB REINFORCEMENT SCHEDULE			
SLAB MARK	SLAB THICK	BOTTOM REINFORCEMENT	
		SHORT SIDE	LONG SIDE
S-1	6"	ø3-6"	ø3-9"

Project

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SCALE : N.T.S	ARCHITECT : IJAZ AHMAD	
SHEET NO : ST -09	PREPARED BY : MEHMOOD OKZ	
DATE : APRIL - 2022	DRAWING TITLE : SLAB REINFORCEMENT	

STRUCTURE DRAWING



PLAN

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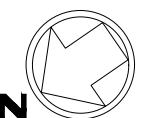
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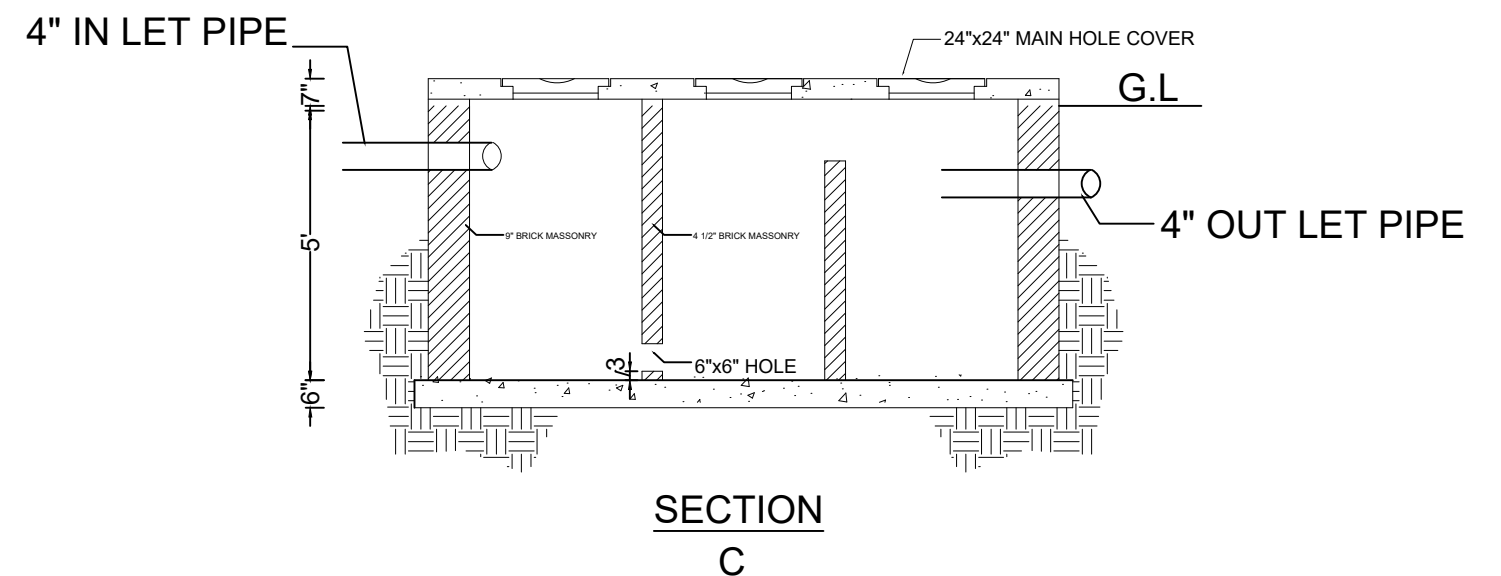
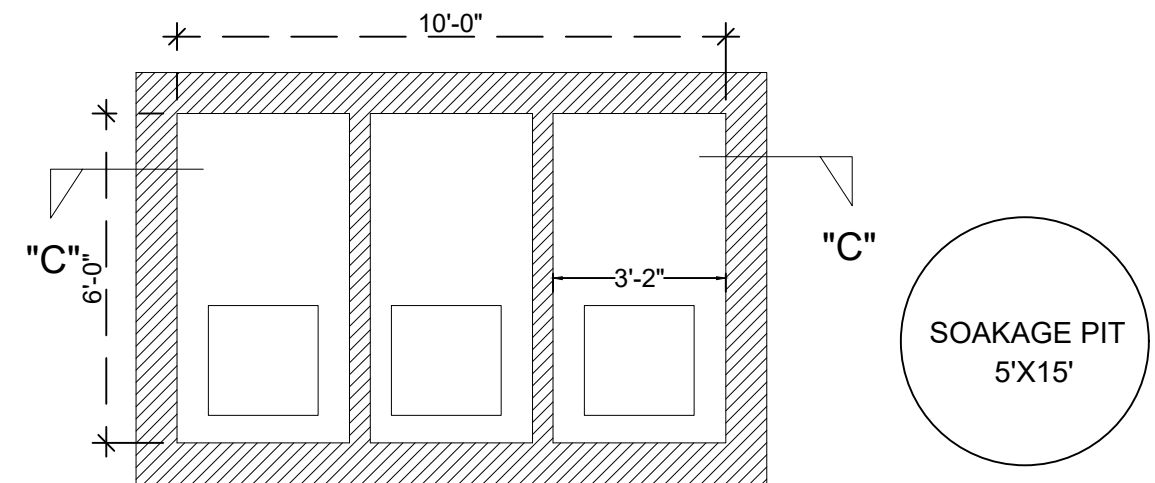
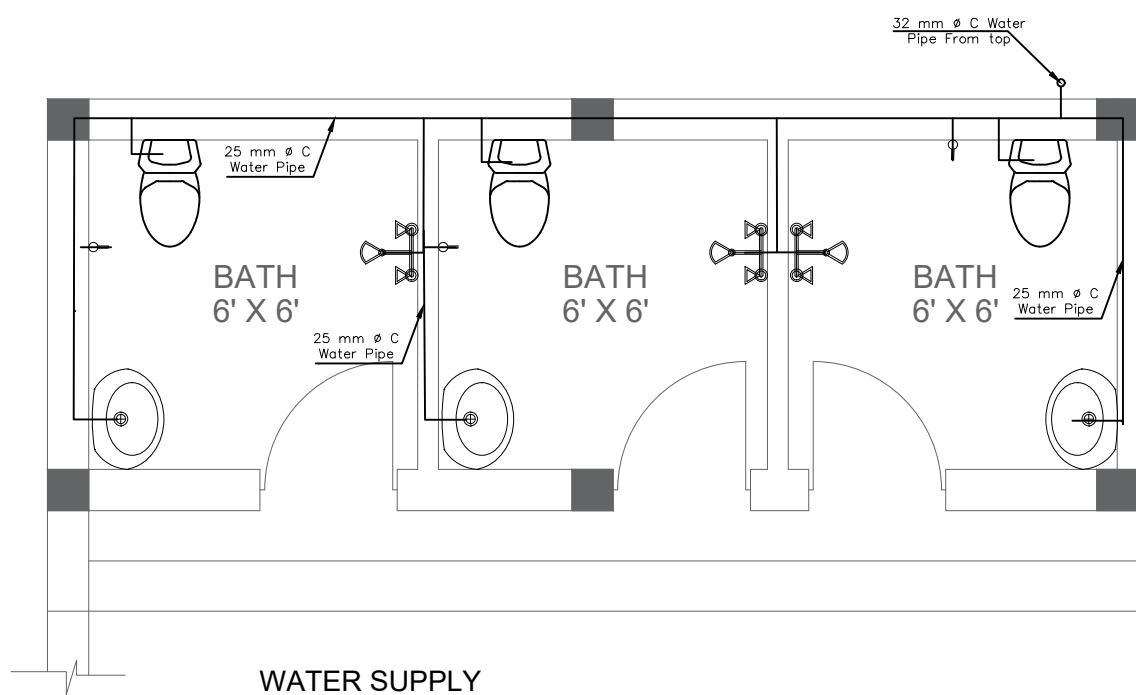
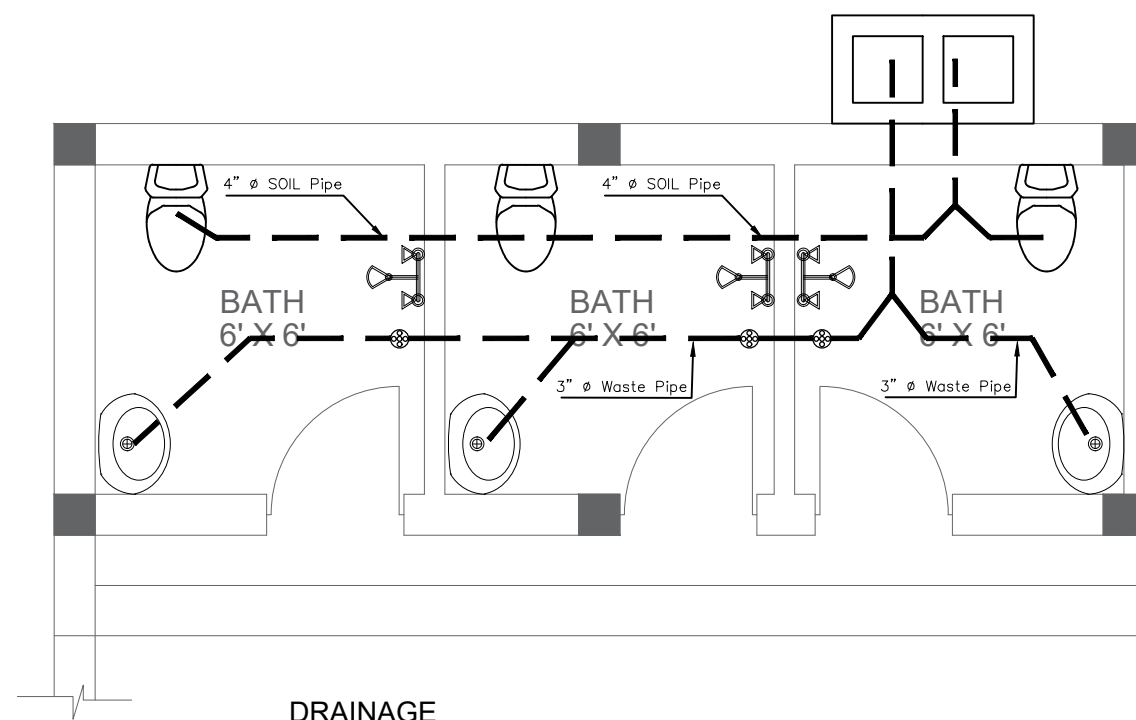
Consultant

MUHANDISEEN CONSULTANT

SCALE : N.T.S	ARCHITECT : IJAZ AHMAD	
SHEET NO : EL - 10	PREPARED BY : MEHMOOD OKZ	
DATE : APRIL - 2022	DRAWING TITLE:	ELECTRICAL DRAWING

STRUCTURE DRAWING





Project

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(JOINT POLICE TRAINING CENTER)

Client

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SCALE : N.T.S	ARCHITECT : IJAZ AHMAD	
SHEET NO: PL - II	PREPARED BY : MEHMOOD OKZ	
DATE : APRIL - 2022	DRAWING TITLE: SIDE ELEVATION	
PLUMBING DRAWING		