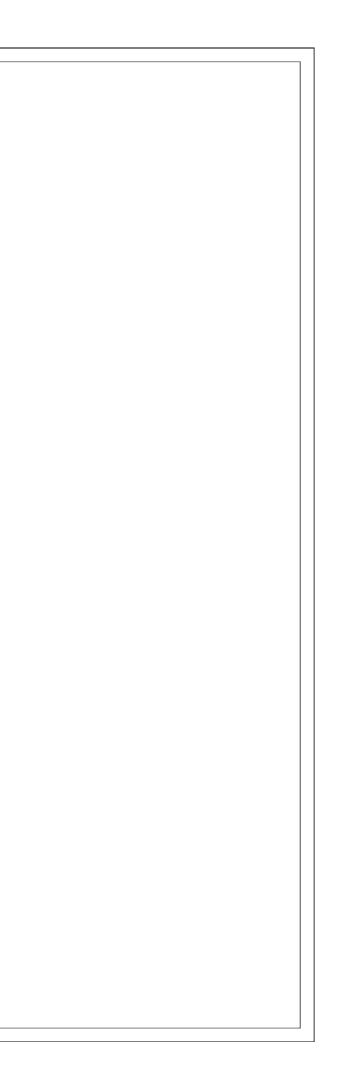
Client:	INTERNATIONAL ORGANIZATION FOR MIGRATION (IOM)
Project:	PROPOSED REFURBISHMENT OF BORDER POST AND CO OF WASH FACILITY
Location:	BUNKPURUGU, NORTH EAST REGION, GHANA
Beneficiary:	GHANA IMMIGRATION SERVICE

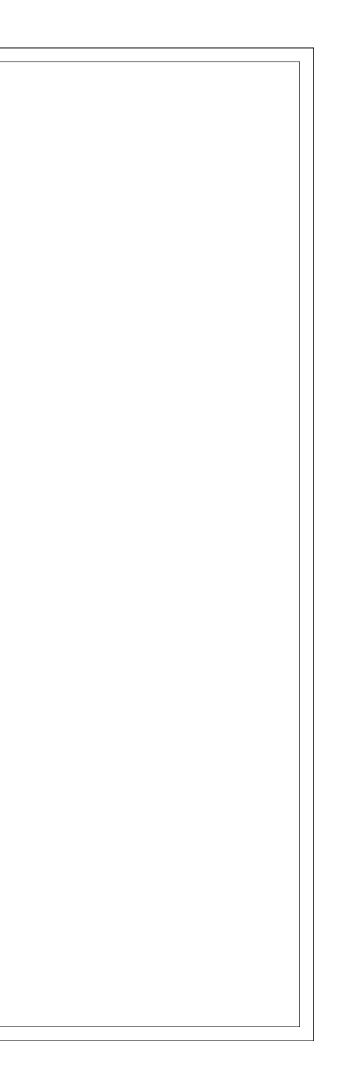
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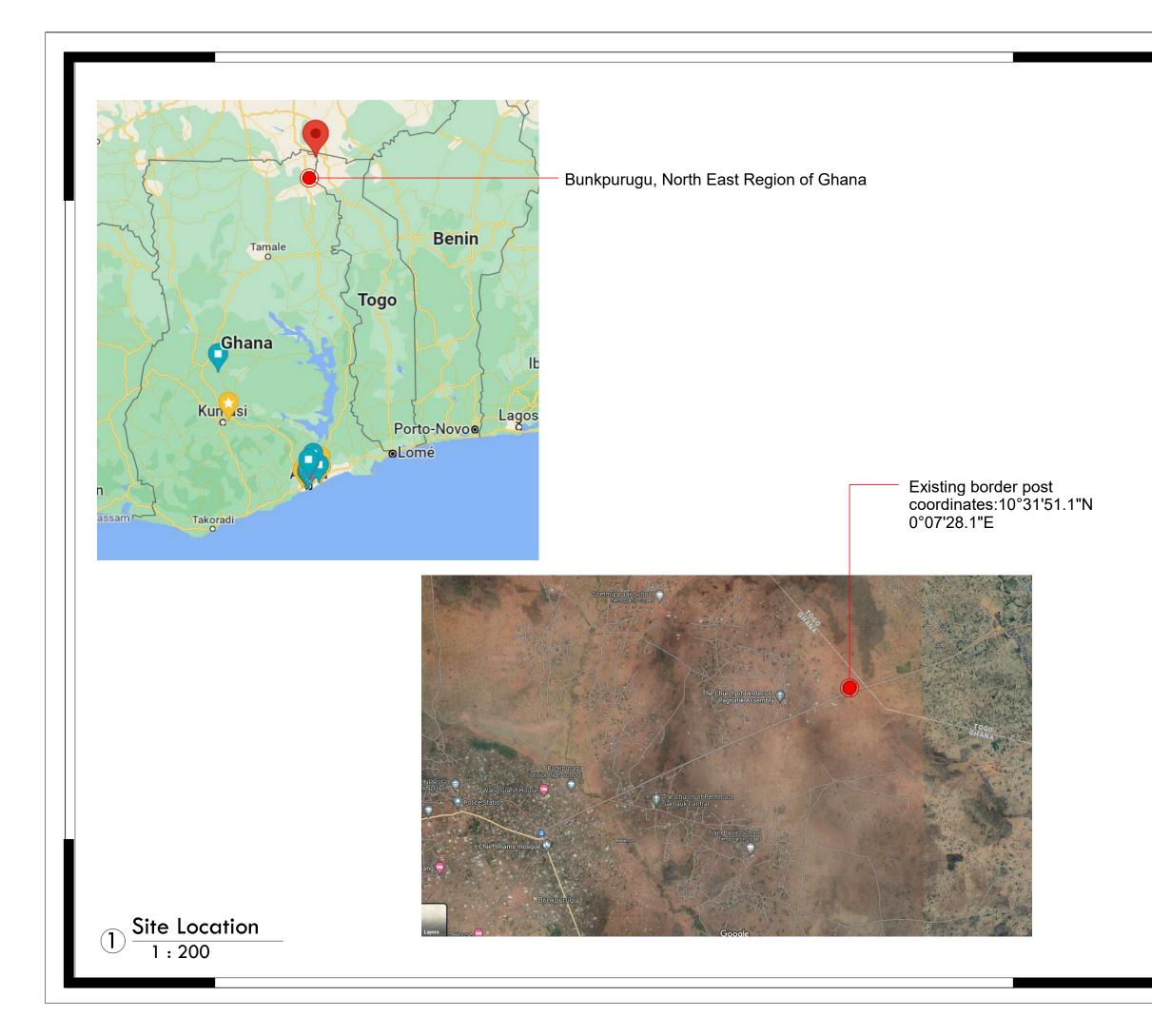
REV. 01/ AUGUST 2023

Sheet List			
Sheet Name	Sheet Number	Sheet Name	Sheet Number
ARCHITECTURAL DRAWINGS		G . A . GROUND FLOOR SLAB	S/002
BORDER POST		G . A . ROOF BEAM & R . C . COLUMN FOOTINGS DETAILS	s S/003
COVER	A100		S/004-S/00
DRAWING LIST	A100'	TYPICAL DETAILS OF EXISTING COLUMN TO WALL	D/001
SITE LOCATION	A100a	TYPICAL DETAILS OF ROOF TRUSS	S/006
BLOCK PLAN	A101	WASH FACILITY	
EXISTING DRAWINGS		CONSTRUCTION NOTES AND SPECIFICATIONS	S/000
GROUND FLOOR PLAN	E102	FOUNDATION LAYOUT & G . A .GROUND FLOOR SLAB	S/001
ROOF PLAN	E103	G.A .ROOF BEAM &R . C . COLUMN FOOTINGS DETAILS	S/002
SECTIONS	E104	R . C . ROOF BEAM DETAILS	S/003
ELEVATIONS	E105	R . C . ROOF BEAM DETAILS	S/004
ELEVATIONS	E106	TYPICAL DETAILS OF ROOF TRUSS	S/005
DOOR SCHEDULE	E107	OVERHEAD WATER STAND DETAILS	S/001
WINDOW SCHEDULE	E108		
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ROOF PLAN	A103	BORDER POST	
DEMOLITION SCHEDULE	A104	ELECTRICAL LIGHTING AND SWITCHING SCHEME	E01
SECTIONS	A105	ELECTRICAL SMALL POWER LAYOUT	E02
ELEVATIONS	A106	BATTERY AND INVERTER LAYOUT	E02
ELEVATIONS	A107	PV SOLAR PANEL LAYOUT	E04
DOOR SCHEDULE	A108	PV SOLAR PANEL MOUNTING DETAIL,	E05
WINDOW SCHEDULE	A109	ELECTRICAL GROUNDING & LIGHTNING PROTECTION	E06
FINISHES LAYOUT	A110	ELECTRICAL SINGLE LINE DIAGRAM	E07
		ELECTRICAL DISTRIBUTION BOARD DIAGRAM	E08
WASH		FIRE SAFETY LAYOUT	ES01
GROUND FLOOR PLAN	A102	BUILDING DATA SYSTEM	ES02
ROOF PLAN	A103	BOILDING DATA STOTEM	2002
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ELEVATIONS	A105	WATER DISTRIBUTION LAYOUT	MP-01
ELEVATIONS	A106	AIR CONDITION AND VENTILATION SYSTEM	MP-03
ELEVATIONS	A107	WASH BUILDING LIGHTING LAYOUT	MP-04
ELEVATIONS	A108	WASH BUILDING WASTE DRAINAGE LAYOUT	MP-04
DOOR AND WINDOW SCHEDULE	A109	PLUMBING INSTALLATION DETAILS	MP-06
INTERIOR ELEVATIONS	A110	PLUMBING INSTALLATION DETAILS	MP-07
BALUSTRADE DETAILS	A111-A112	EXTERNAL PLUMBING LAYOUT	MP-07
FINISHES LAYOUT	P 101	WASH BUILDING WATER DISTRIBUTION LAYOUT	E-01
STRUCTURAL DRAWINGS			
BORDER POST			
CONSTRUCTION NOTES AND SPECIFICATIONS	S/000		
FOUNDATION LAYOUT	S/001		



ARCHITECTURAL DRAWINGS





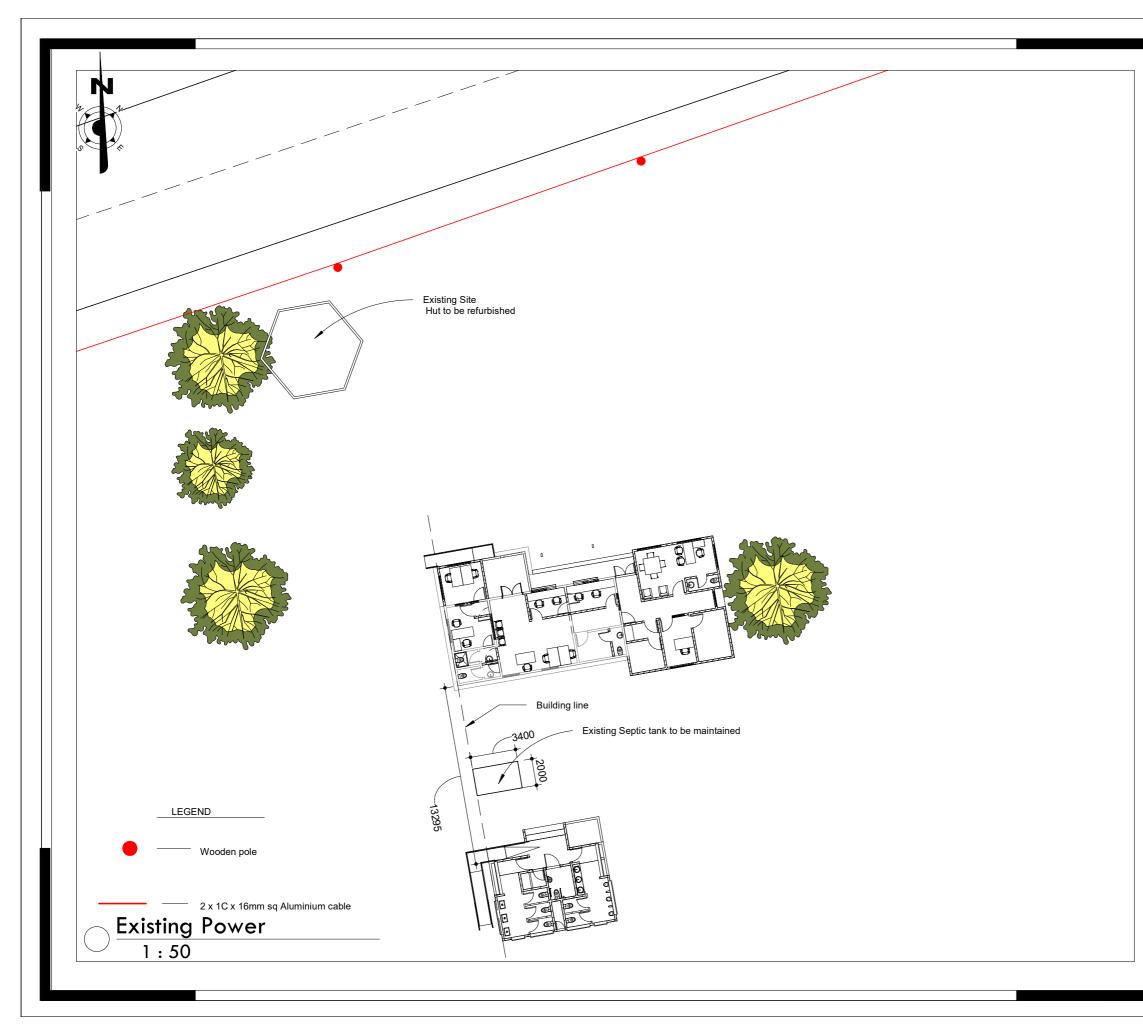
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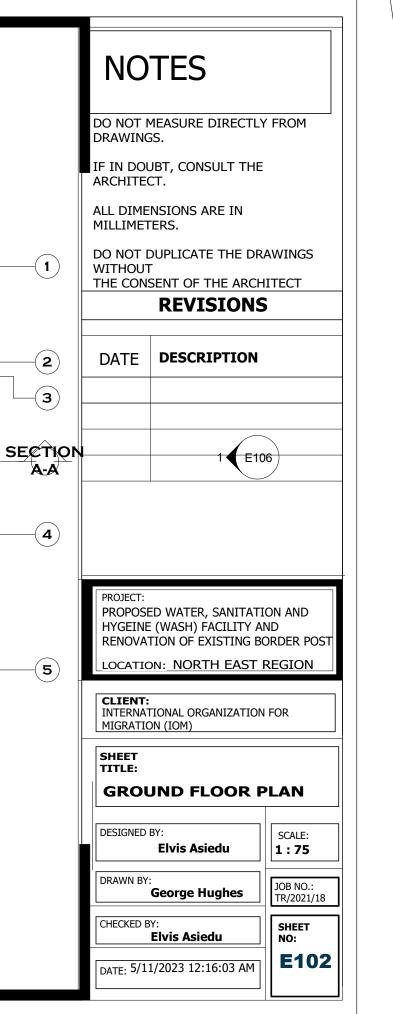
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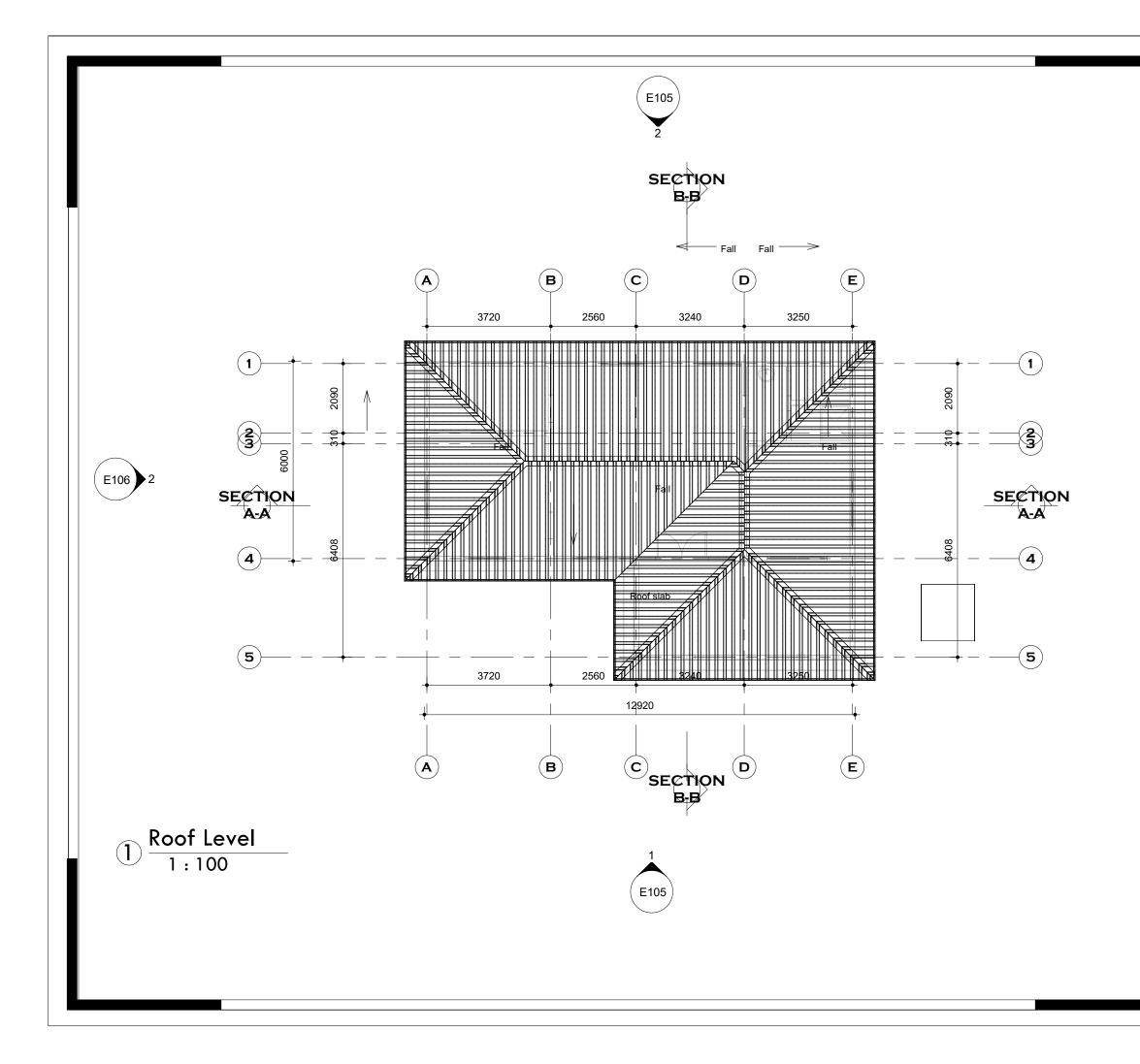
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TITLE:	OCATION				
DESIGNED BY: Elvis Asiedu SCALE: 1 : 200					
DRAWN BY: George Hughes					
CHECKED B	Y: Elvis Asiedu	SHEET NO:			
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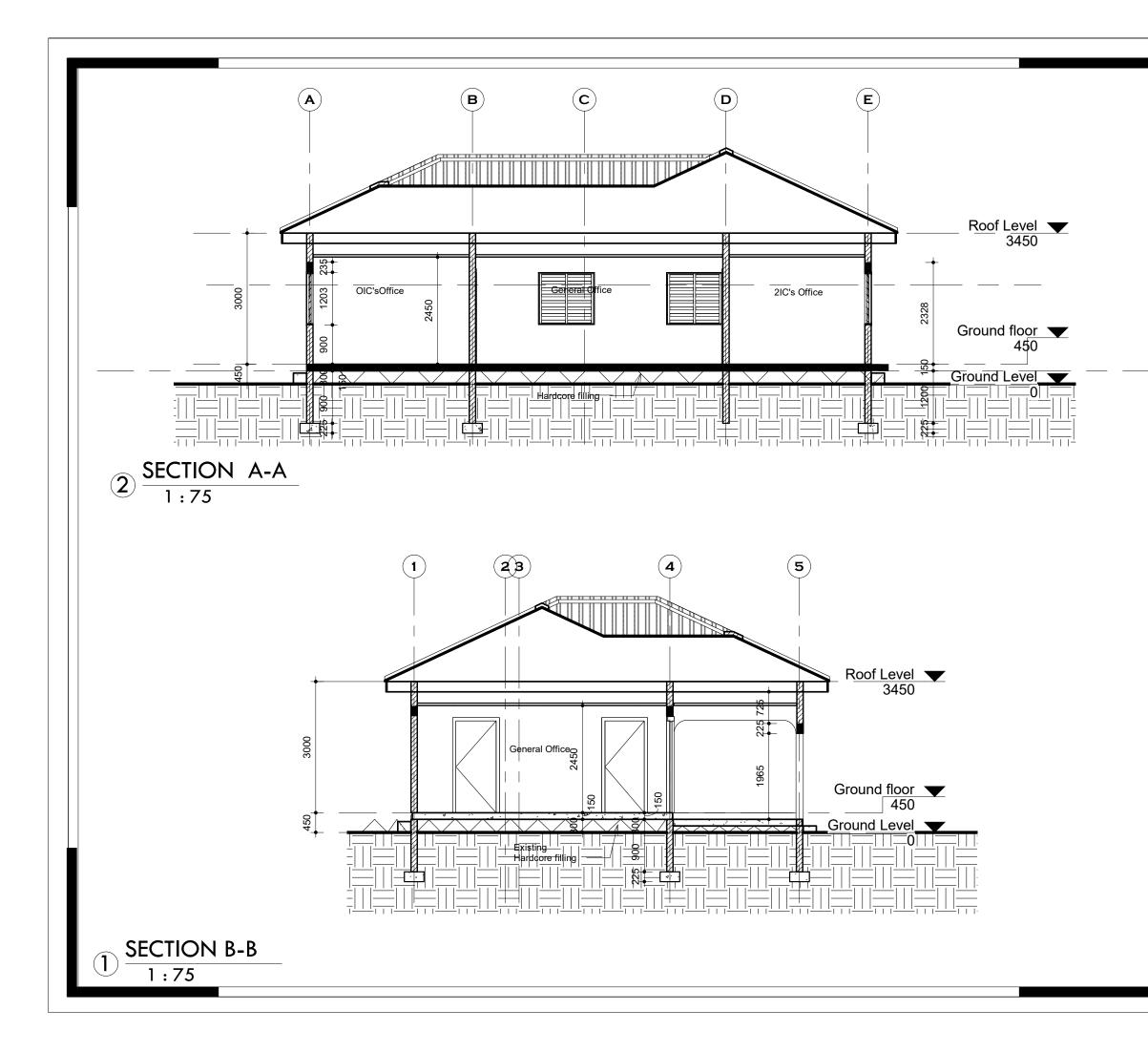
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							ing Municipal water lir dius of border post.
4. No existi border post	ing surface/storm dra t	in around					
	mum distance from a g. septic tank, aerobic than 15m						
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SECTION **B** (\mathbf{C}) (\mathbf{D}) **E** (A) B-B New Wash hand Basin introduce 3720 2560 3240 3250 (1)(*) wc 🔘 2090 2090 Armory (2) 310 (3) 5700 General Office OIC'sOffice SECTION WS 3450 450 2IC's Office A-A (4) **W**3 2958 2958 Verandah (5) 1/7 177 $\overline{\mathcal{A}}$ Ż/ 3720 2560 3240 3250 12920 **B** (\mathbf{C}) (\mathbf{D}) **E** (**A**) SECTION BB Ground floor 1:75 E105

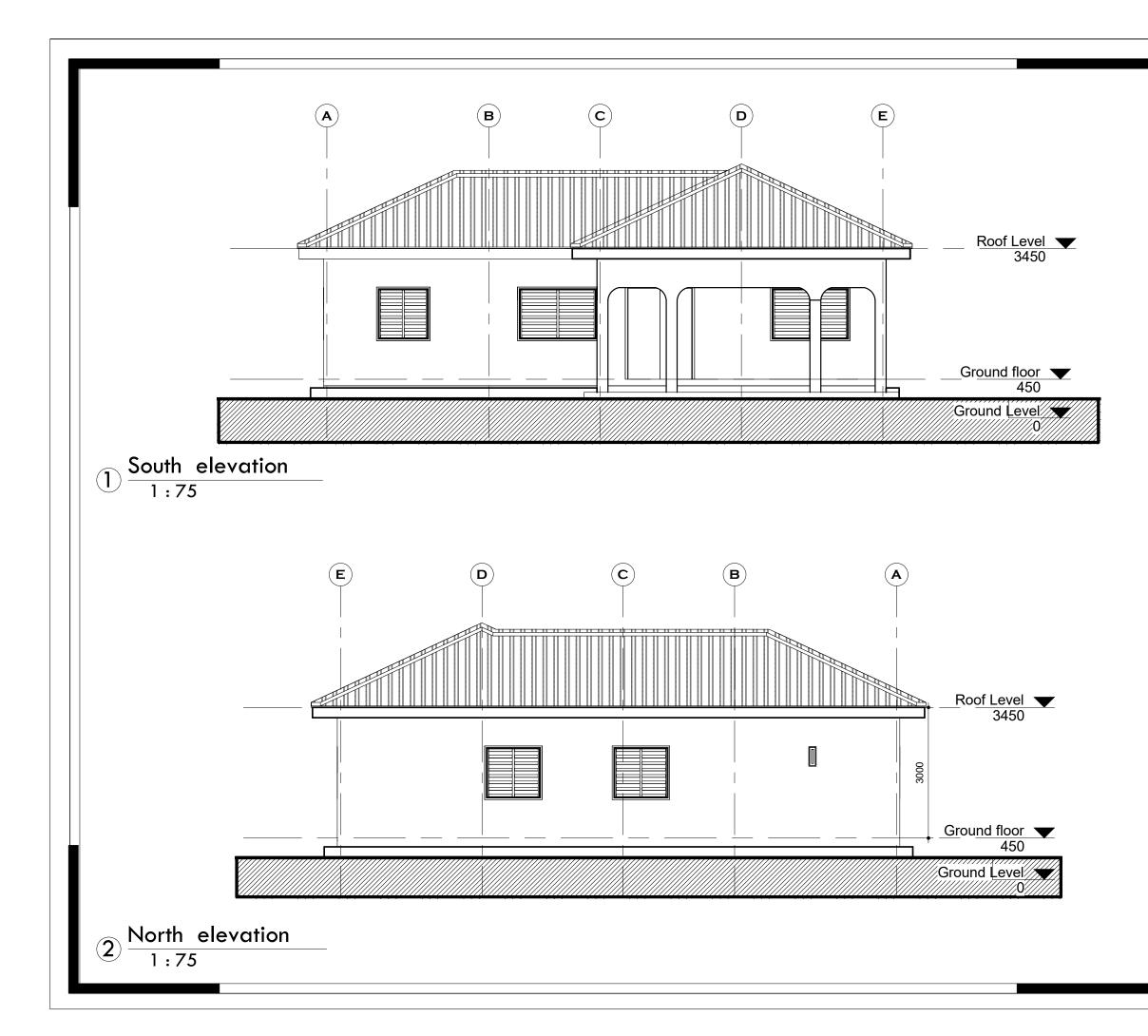




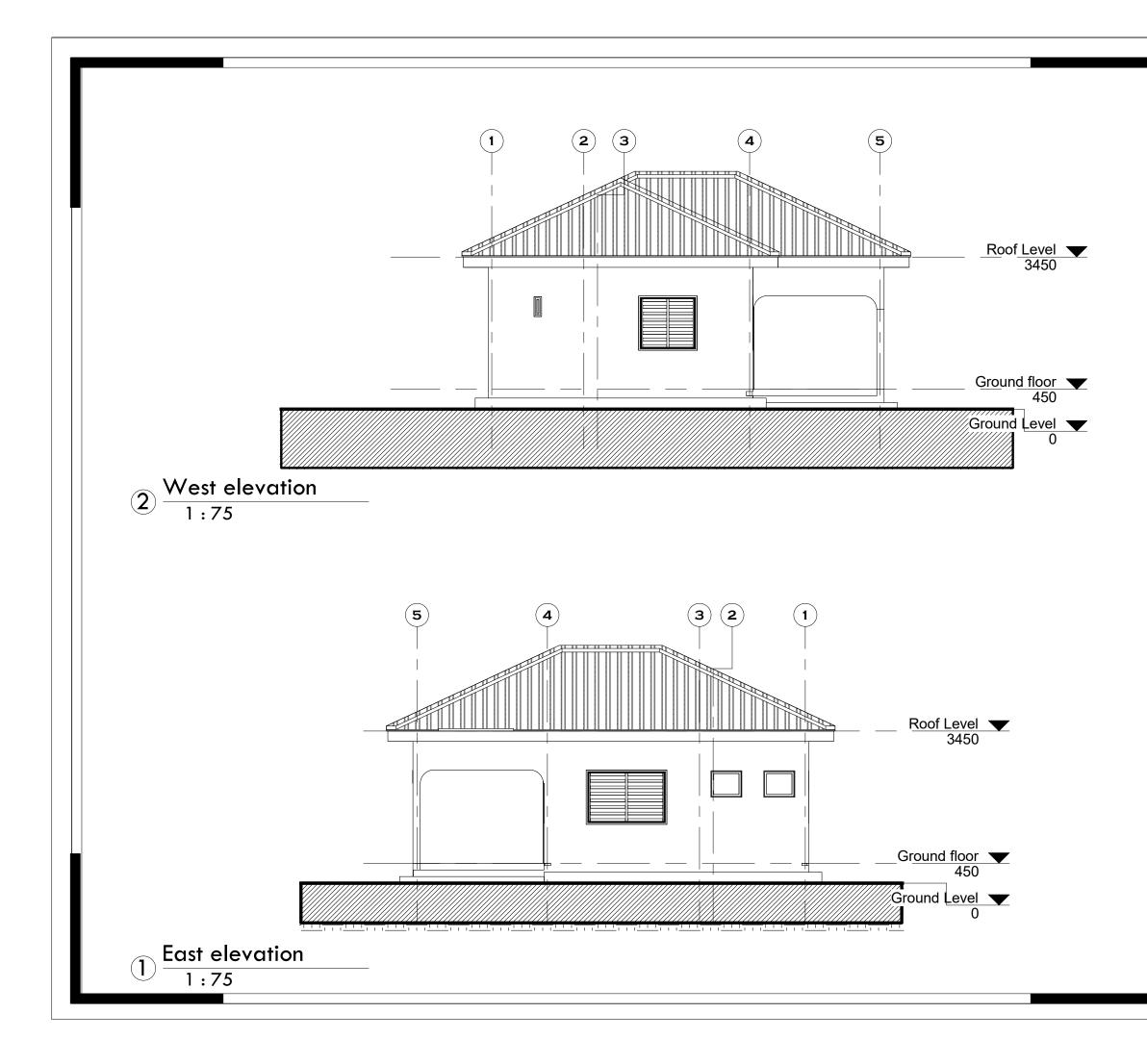
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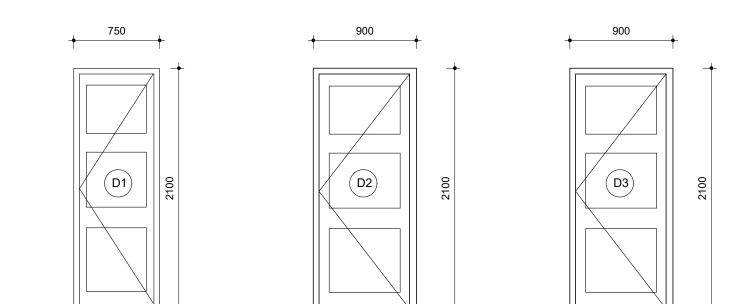
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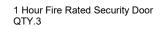


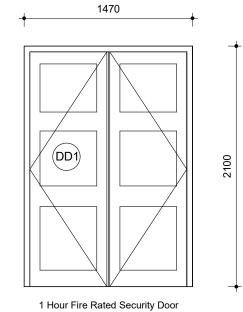
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PROPOSED WATER, SANITA HYGEINE (WASH) FACILITY RENOVATION OF EXISTING LOCATION: NORTH EAST	AND BORDER POST REGION					
PROPOSED WATER, SANITA HYGEINE (WASH) FACILITY RENOVATION OF EXISTING LOCATION: NORTH EAST CLIENT: INTERNATIONAL ORGANIZATIO	AND BORDER POST REGION					
PROPOSED WATER, SANITA' HYGEINE (WASH) FACILITY RENOVATION OF EXISTING LOCATION: NORTH EAST CLIENT: INTERNATIONAL ORGANIZATIO MIGRATION (IOM) SHEET	AND BORDER POST REGION					
PROPOSED WATER, SANITA' HYGEINE (WASH) FACILITY RENOVATION OF EXISTING LOCATION: NORTH EAST CLIENT: INTERNATIONAL ORGANIZATIO MIGRATION (IOM) SHEET TITLE:	AND BORDER POST REGION					
PROPOSED WATER, SANITA' HYGEINE (WASH) FACILITY RENOVATION OF EXISTING LOCATION: NORTH EAST CLIENT: INTERNATIONAL ORGANIZATIO MIGRATION (IOM) SHEET TITLE: ELEVATIONS DESIGNED BY:	AND BORDER POST REGION ON FOR SCALE: 1:75					
PROPOSED WATER, SANITA' HYGEINE (WASH) FACILITY RENOVATION OF EXISTING LOCATION: NORTH EAST CLIENT: INTERNATIONAL ORGANIZATIO MIGRATION (IOM) SHEET TITLE: ELEVATIONS DESIGNED BY: Elvis Asiedu DRAWN BY: George Hughes	AND BORDER POST REGION ON FOR SCALE: 1:75					
PROPOSED WATER, SANITA' HYGEINE (WASH) FACILITY RENOVATION OF EXISTING LOCATION: NORTH EAST CLIENT: INTERNATIONAL ORGANIZATIO MIGRATION (IOM) SHEET TITLE: ELEVATIONS DESIGNED BY: Elvis Asiedu DRAWN BY: George Hughes	AND BORDER POST REGION ON FOR SCALE: 1:75 JOB NO.: TR/2021/18 SHEET NO:					



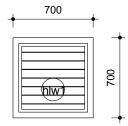


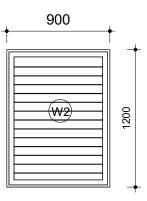


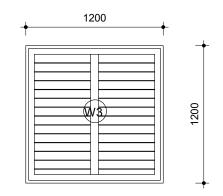
Door Schedule					
Type Mark	Count	Height	Width	Description	
D1 2		2100			
DD2	2	2100	750		
DD3	1	2100	825		
DD4	1	2100	925		
DD5	1	2100	1500		

 $\int \frac{\text{door schedule}}{1:30}$

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RENOVATION OF EXISTING	BORDER POST					
LOCATION: NORTH EAS	TREGION					
CLIENT: INTERNATIONAL ORGANIZATI MIGRATION (IOM)	ION FOR					
SHEET TITLE:						
DOOR SCHEDULES						
DESIGNED BY:						
Elvis Asiedu 1 : 30						
George Hughes	JOB NO.: TR/2021/18					
CHECKED BY: Elvis Asiedu SHEET NO:						
DATE: 5/11/2023 12:16:06 AM						



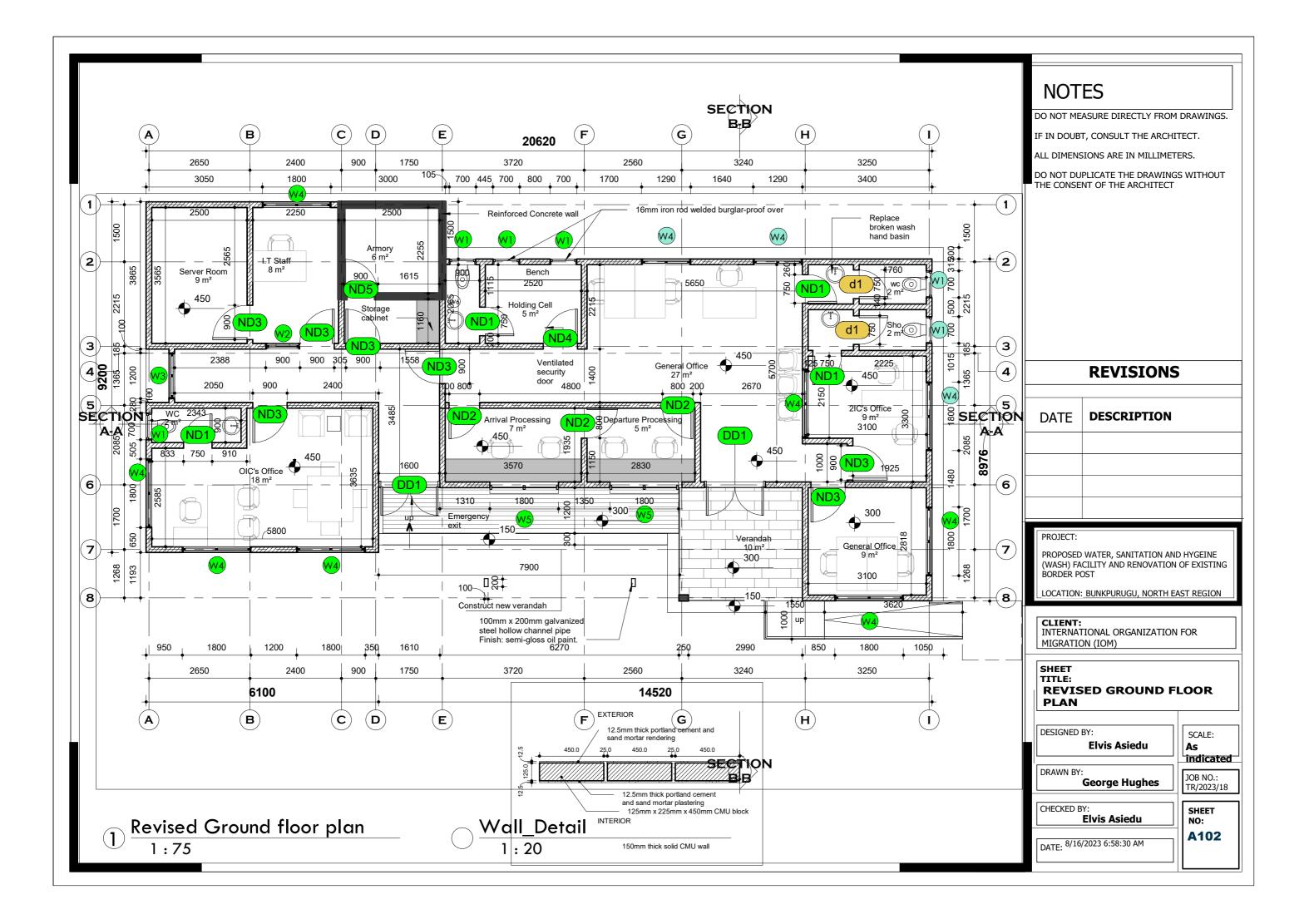


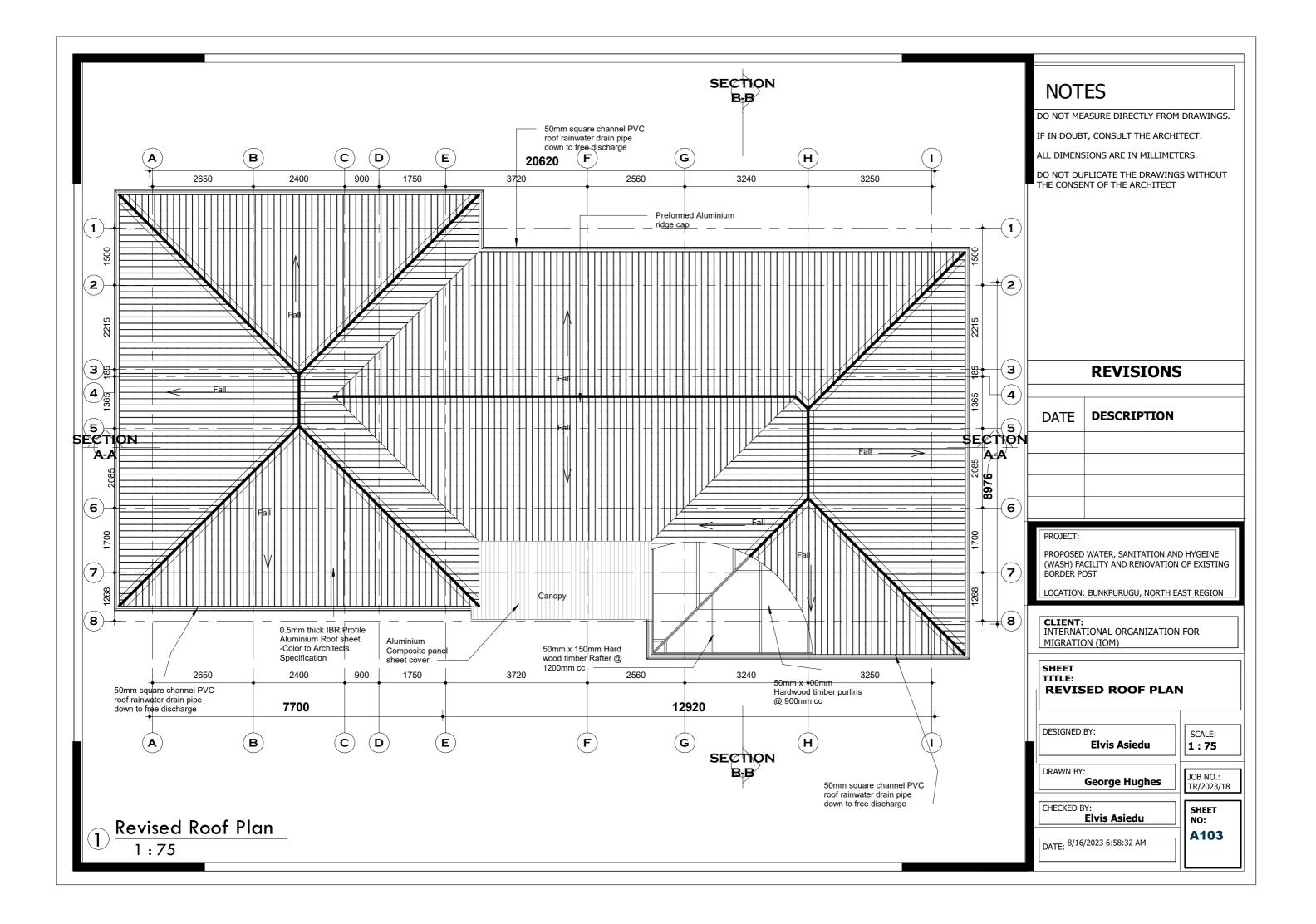


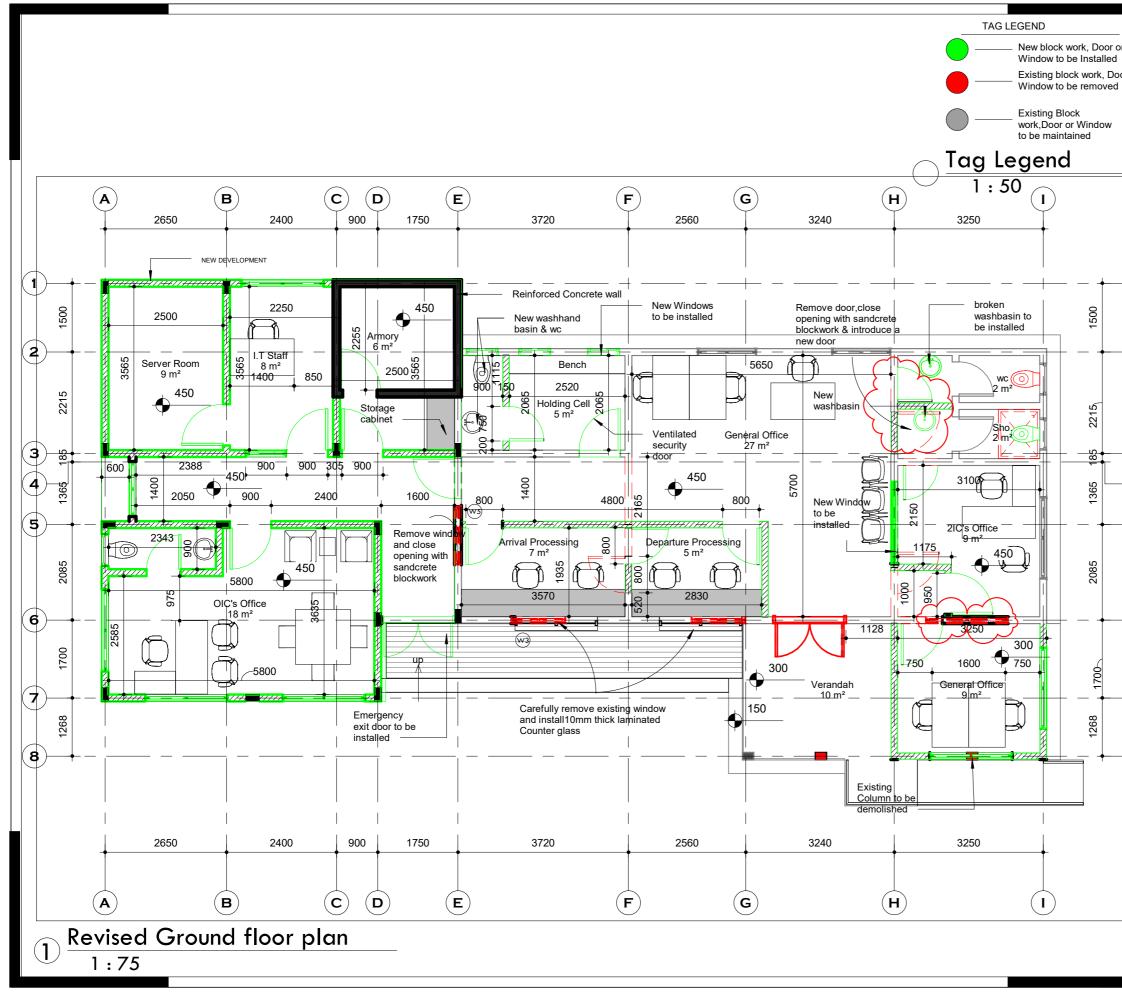
Window Schedule						
Type Mark	Count	Height	Width	Description		
W3	1	1200	1200			
W5	1	1200	1300			
W6	2	450	175			
W7	2	1200	1300			
W8	2	1200	1800			
W9	1	1200	1825			
W10	2	600	700			

 $\bigcirc \frac{\text{window schedule}}{1:30}$

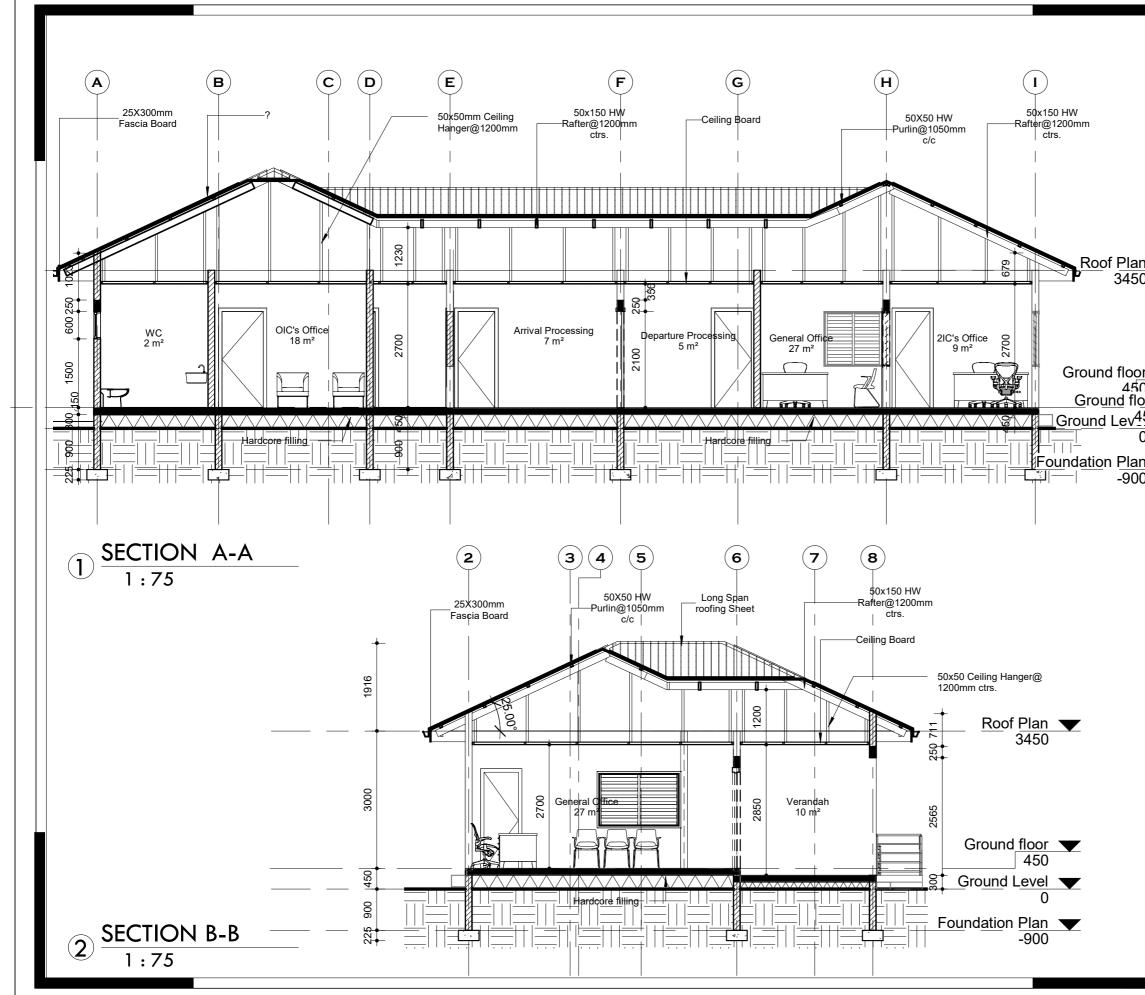
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CLIENT: INTERNATIONAL ORGANIZATION FOR MIGRATION (IOM)					
SHEET TITLE:					
WINDOW SCHEDULES					
DESIGNED BY: Elvis Asiedu SCALE: 1:30					
DRAWN BY: George Hughes					
CHECKED BY: Elvis Asiedu SHEET NO:					
DATE: 5/1	1/2023 12:16:06 AM	E108			



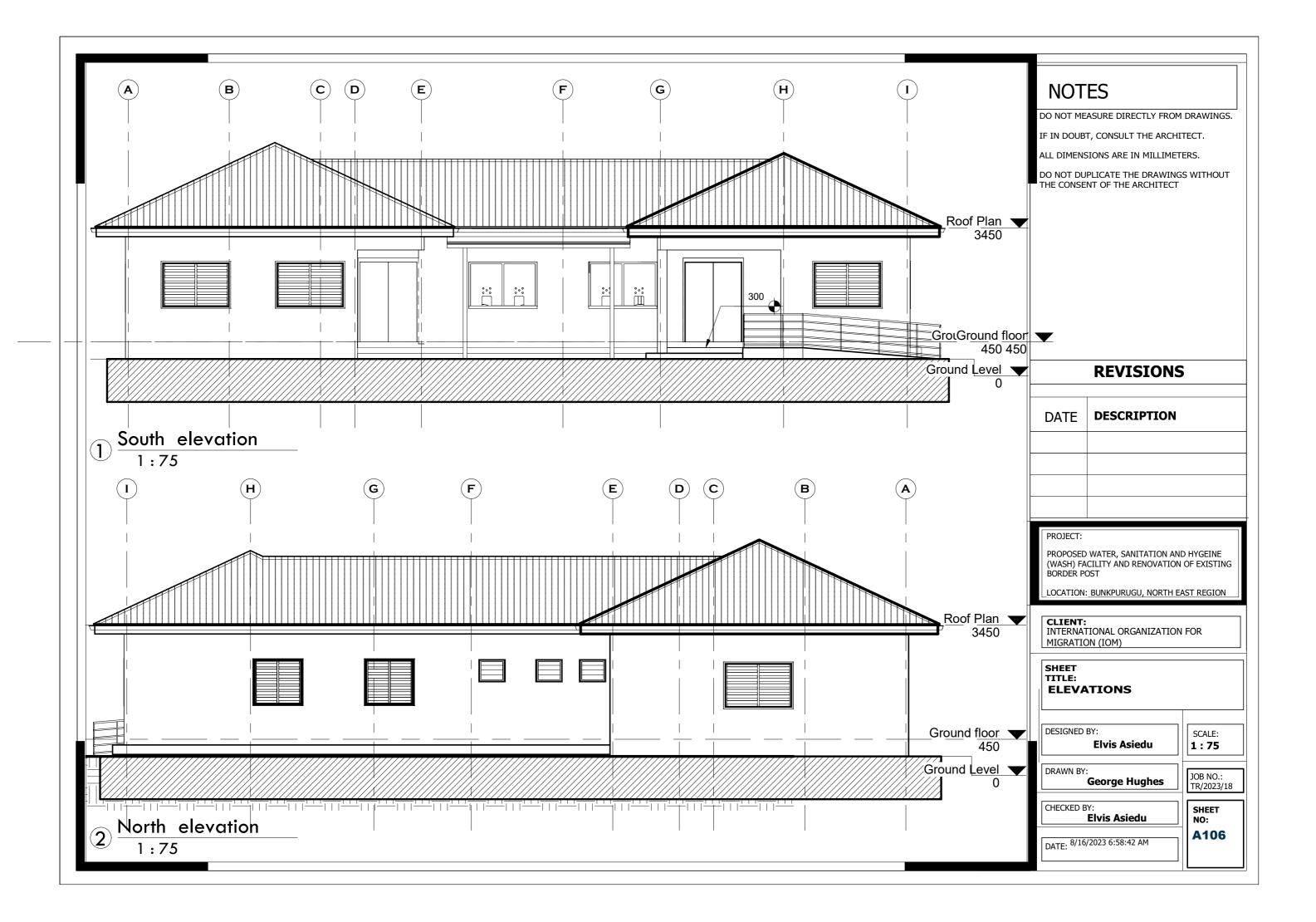


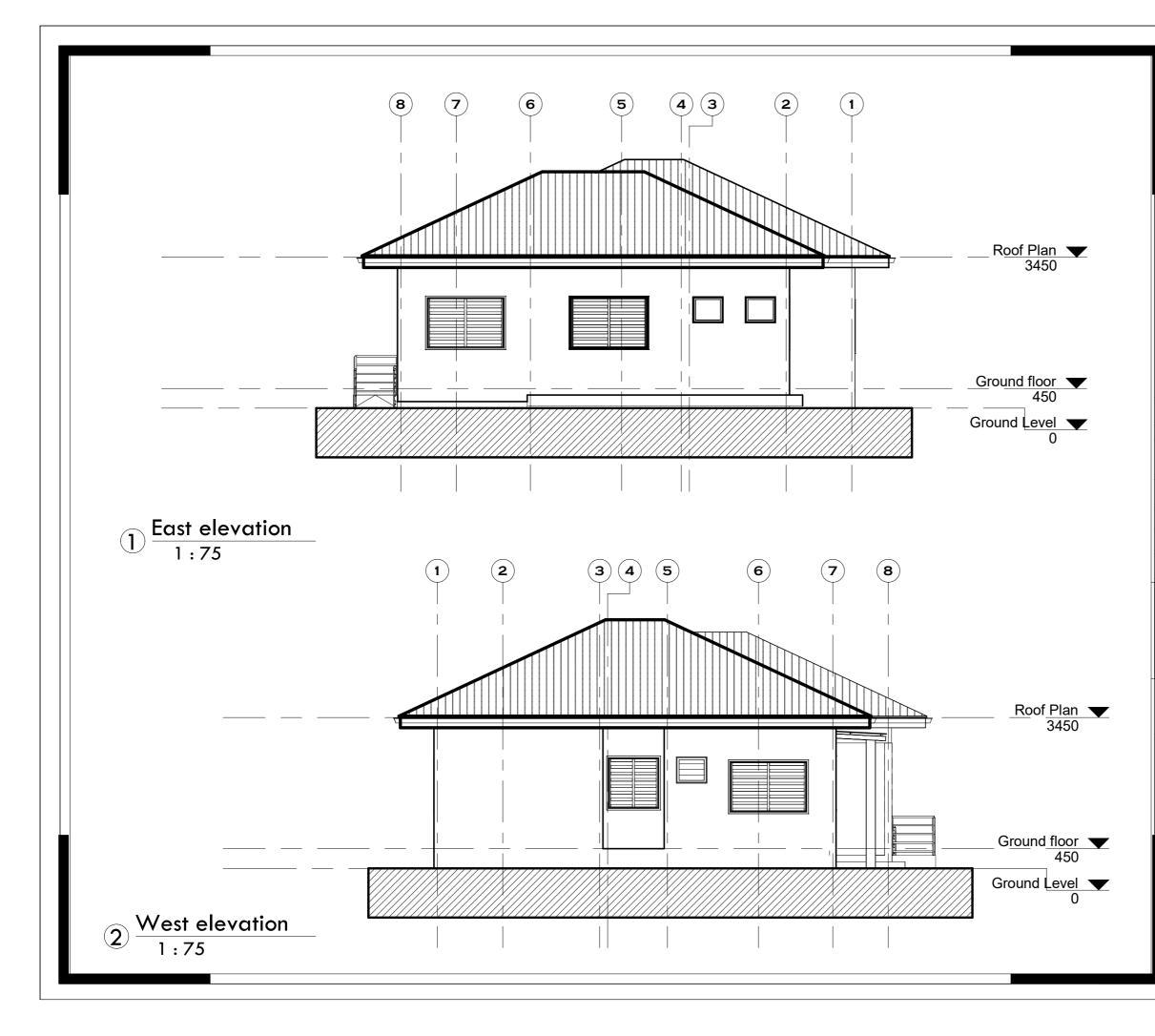


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	BORDER PO			
-	LOCATION:	BUNKPURUGU, NORTH E	AST REGION	
-7	CLIENT: INTERNATIONAL ORGANIZATION FOR MIGRATION (IOM)			
-8	SHEET TITLE: DEMOLITION SCHEDULE			
	DESIGNED	BY: Elvis Asiedu	SCALE: As	
	DRAWN BY:	George Hughes	JOB NO.: TR/2023/18	
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	CLIENT: INTERNATIONAL ORGANIZATION FOR MIGRATION (IOM)				
	SHEET TITLE: SECTIONS				
	DESIGNED BY: Elvis Asiedu				
	DRAWN BY: George Hughes				
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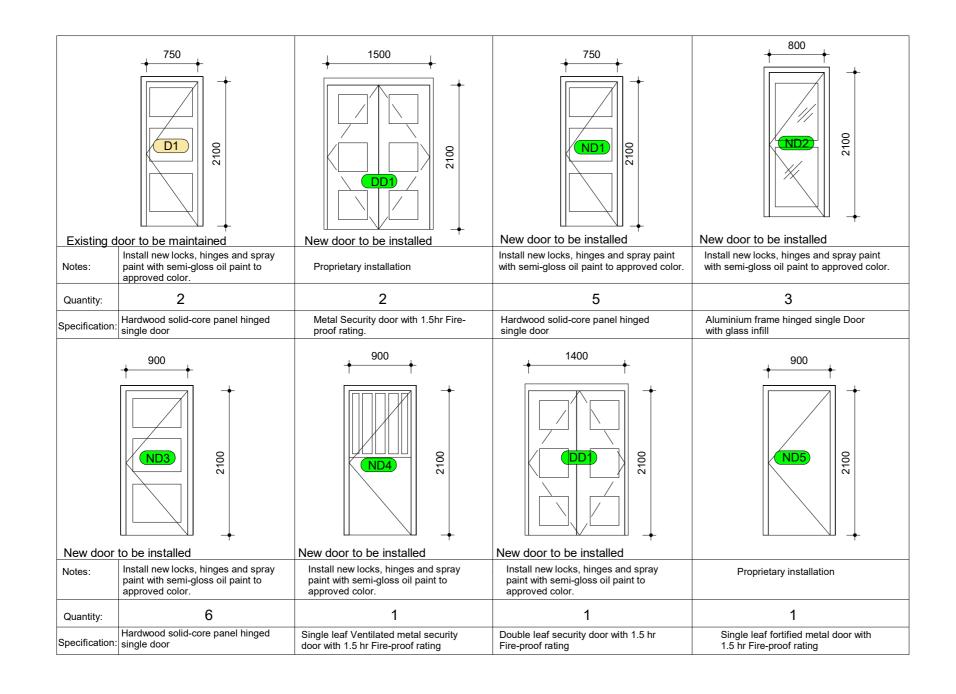
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PROJECT: PROPOSED WATER, SANITATION AND HYGEINE (WASH) FACILITY AND RENOVATION OF EXISTING BORDER POST				
LOCATION	BUNKPURUGU, NORTH E	AST REGION		
CLIENT: INTERNATIONAL ORGANIZATION FOR MIGRATION (IOM)				
SHEET TITLE: ELEVATIONS				
DESIGNED	BY: Elvis Asiedu	SCALE: 1:75		
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door schedule 1:50

DO NOT MEASURE DIRECTLY FROM DRAWINGS.

IF IN DOUBT, CONSULT THE ARCHITECT.

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	WATER, SANITATION AN CILITY AND RENOVATION OST			
LOCATION	BUNKPURUGU, NORTH E	AST REGION		
CLIENT: INTERNATIONAL ORGANIZATION FOR MIGRATION (IOM) SHEET TITLE: DOOR SCHEDULES				
DESIGNED	BY: Elvis Asiedu	SCALE: 1:50		
DRAWN BY	George Hughes	JOB NO.: TR/2023/18		
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DATE: 8/16	/2023 6:58:44 AM	A108		

700 • •				
Existing Window to be mai	ntained	New Window to be installed	New Window to be installed	New Window to be installed
Notes:				
Quantity:	2	4	1	1
Specification: Nacco I window	Im frame window fitted with ouvre system, complete with stoppers, Mosquitoe- proof ickered galvanized mesh	Aluminum frame window fitted with Nacco Louvre system, complete with window stoppers, Mosquitoe- proof and checkered galvanized mesh	Aluminum frame window fitted with Nacco Louvre system, complete with window stoppers, Mosquitoe- proof and checkered galvanized mesh	Aluminum frame window fitted with Nacco Louvre system, complete with window stoppers, Mosquitoe- proof and checkered galvanized mesh
Existing Window to be mai	ntained	New Window to be installed	New Fixed window to be installed	W 5
Notes:			Contractor to submit shop drawings for approval.	
Quantity:	3	7	2	
Specification: Naccol window	Im frame window fitted with Louvre system, complete with stoppers, Mosquitoe- proof ckered galvanized mesh	Aluminum frame window fitted with Nacco Louvre system, complete with window stoppers, Mosquitoe- proof and checkered galvanized mesh	Aluminum frame window with 10mm laminated glass infill.	

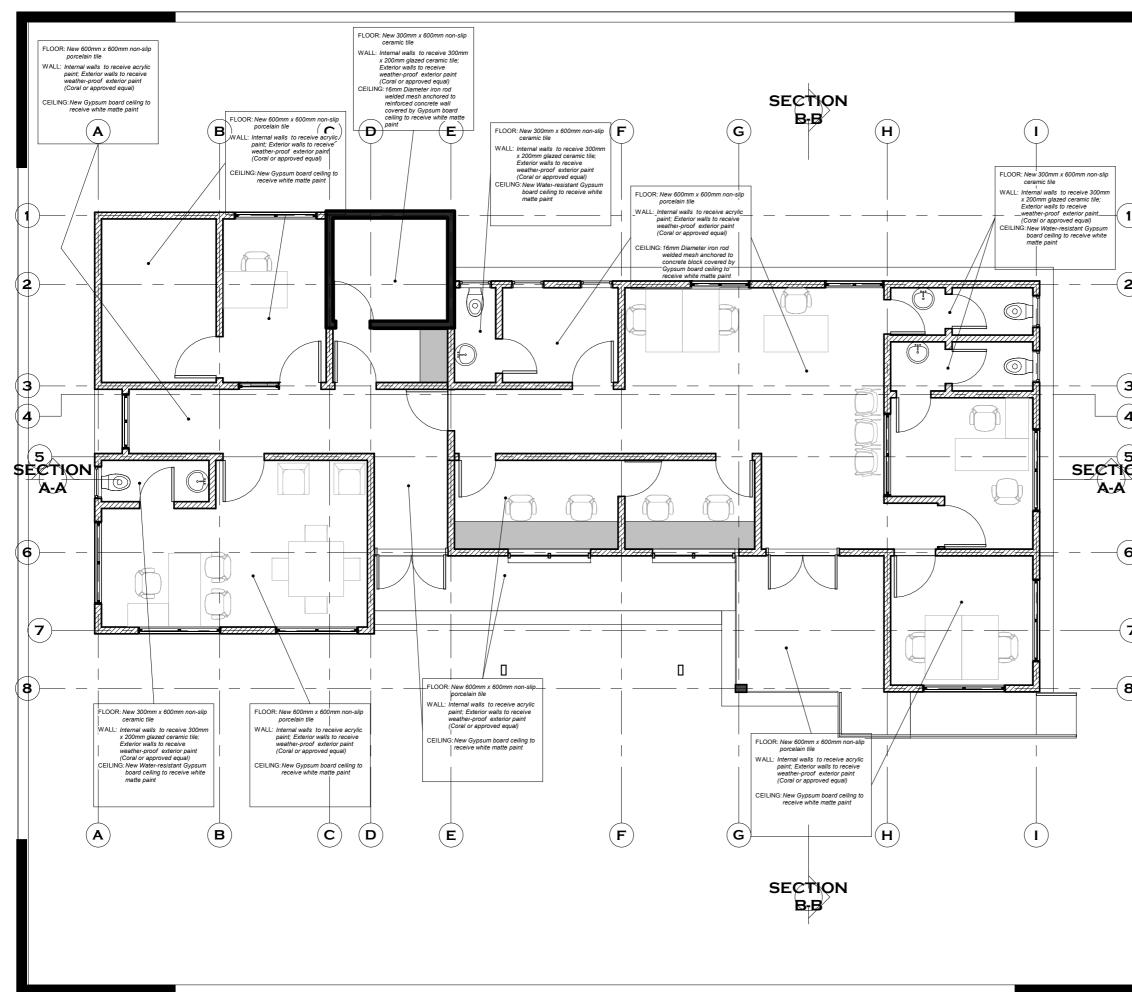
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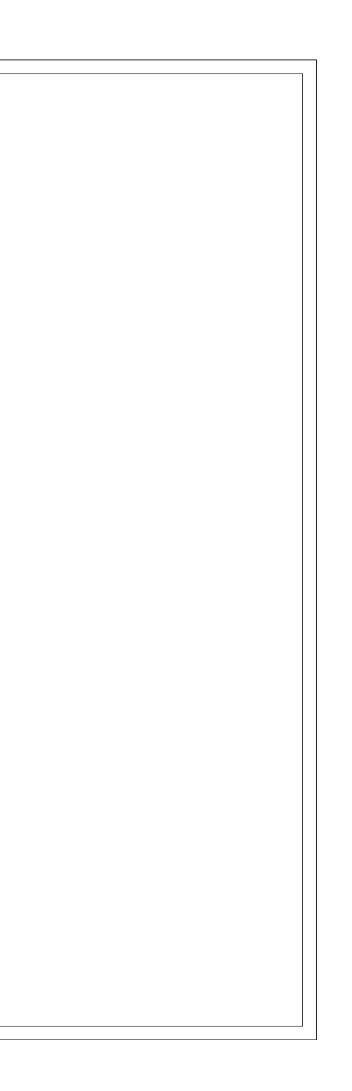
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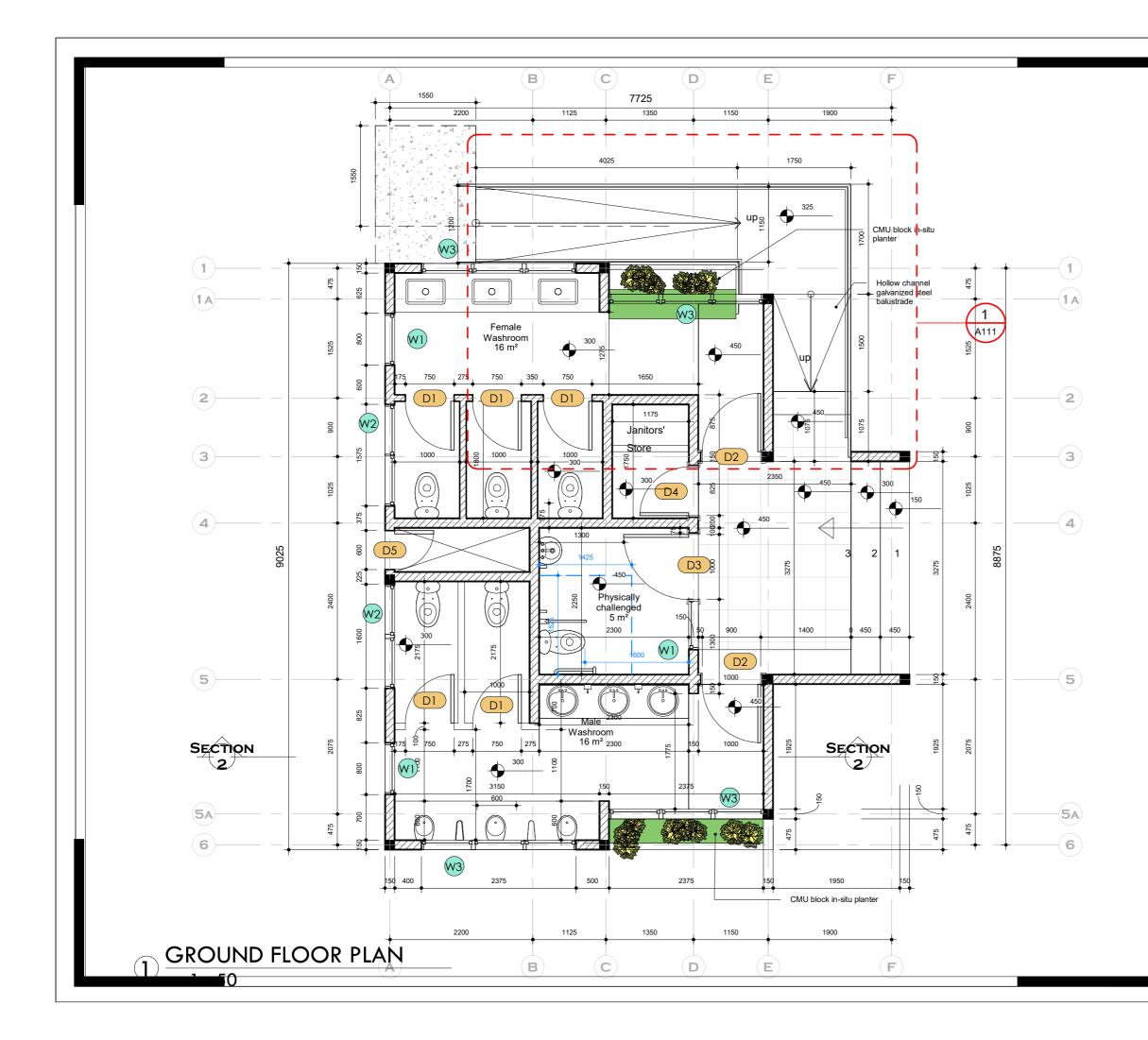
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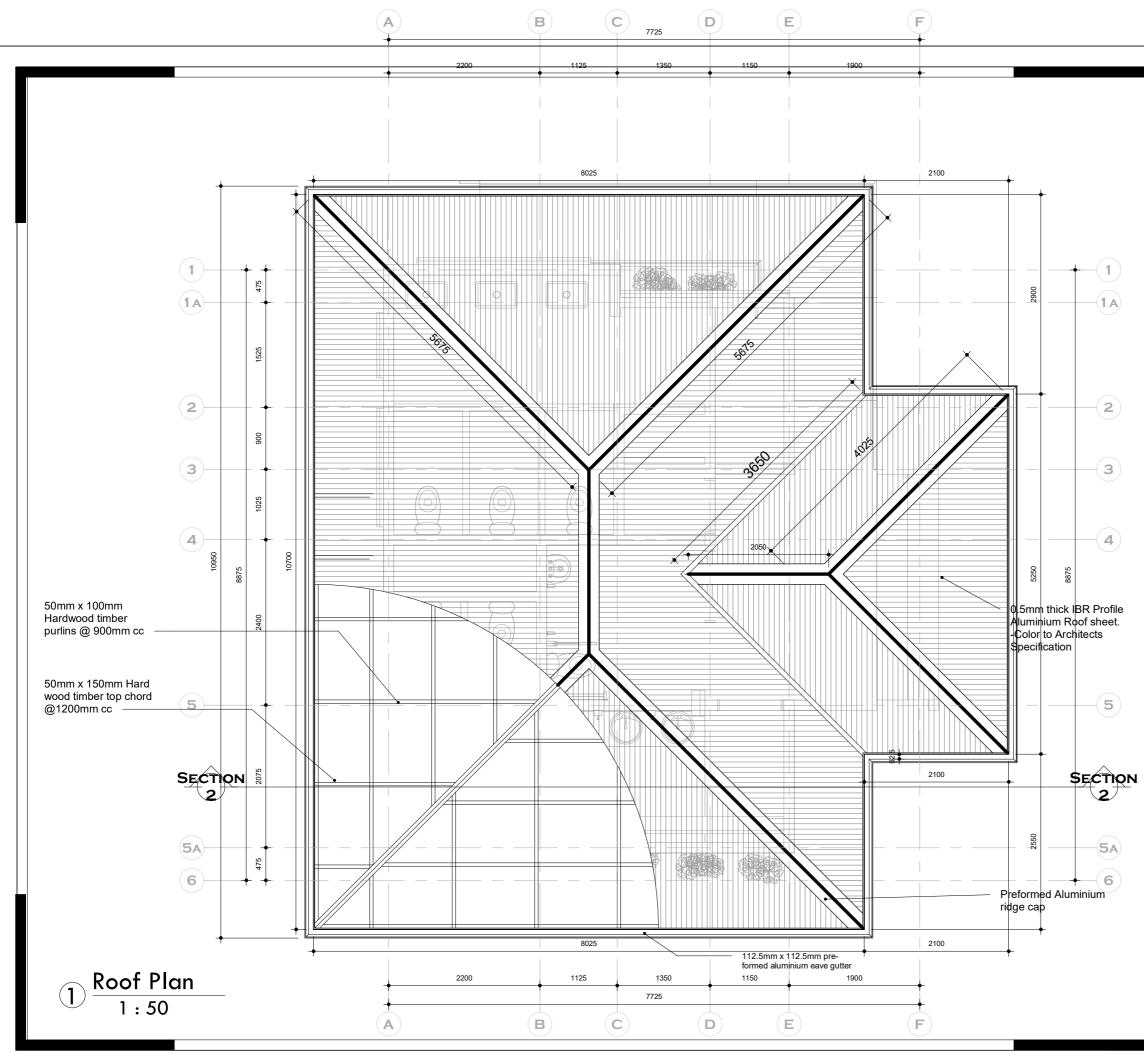
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WASH FACILITY

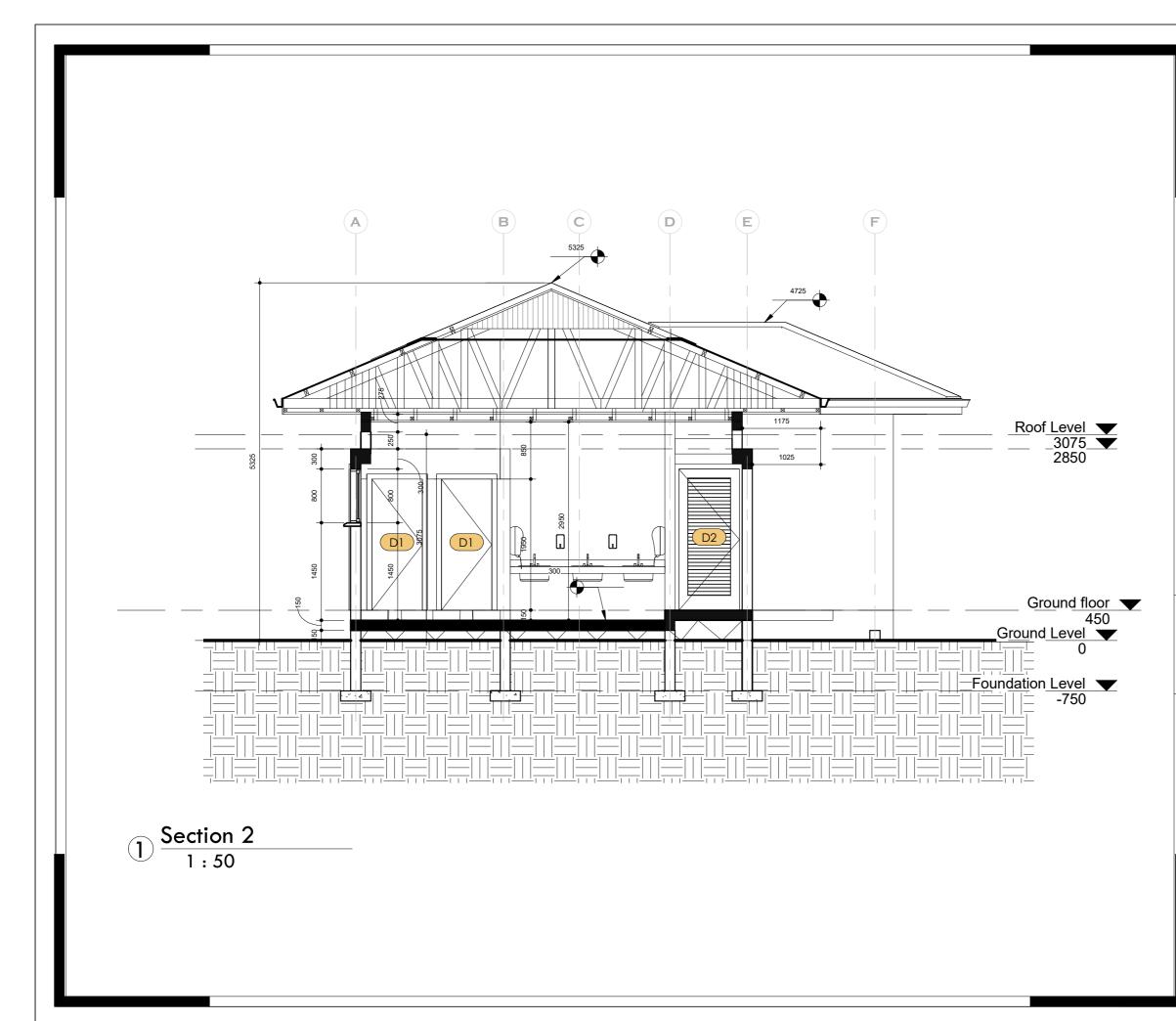




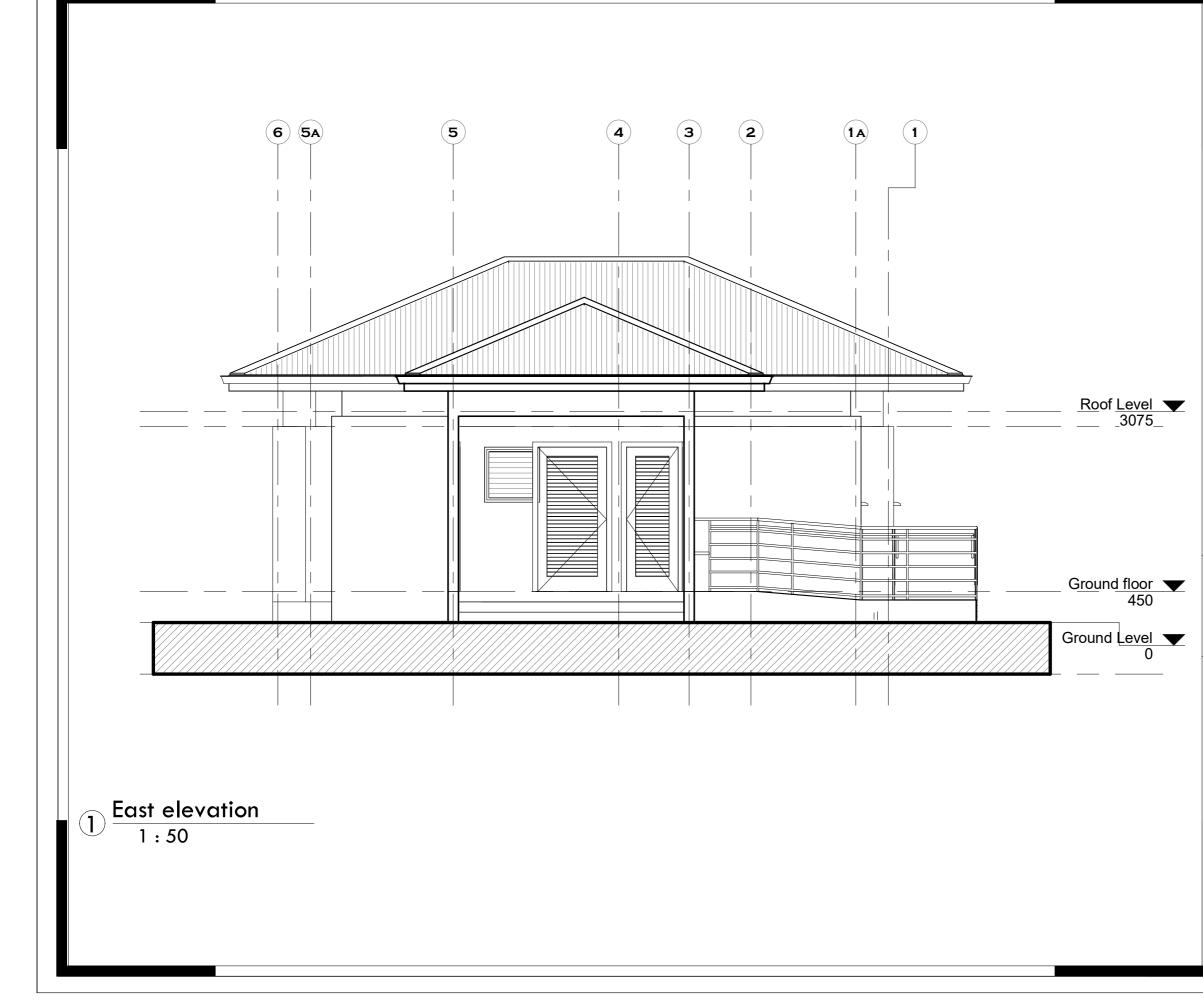
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SHEET TITLE: GROUND FLOOR PLAN				
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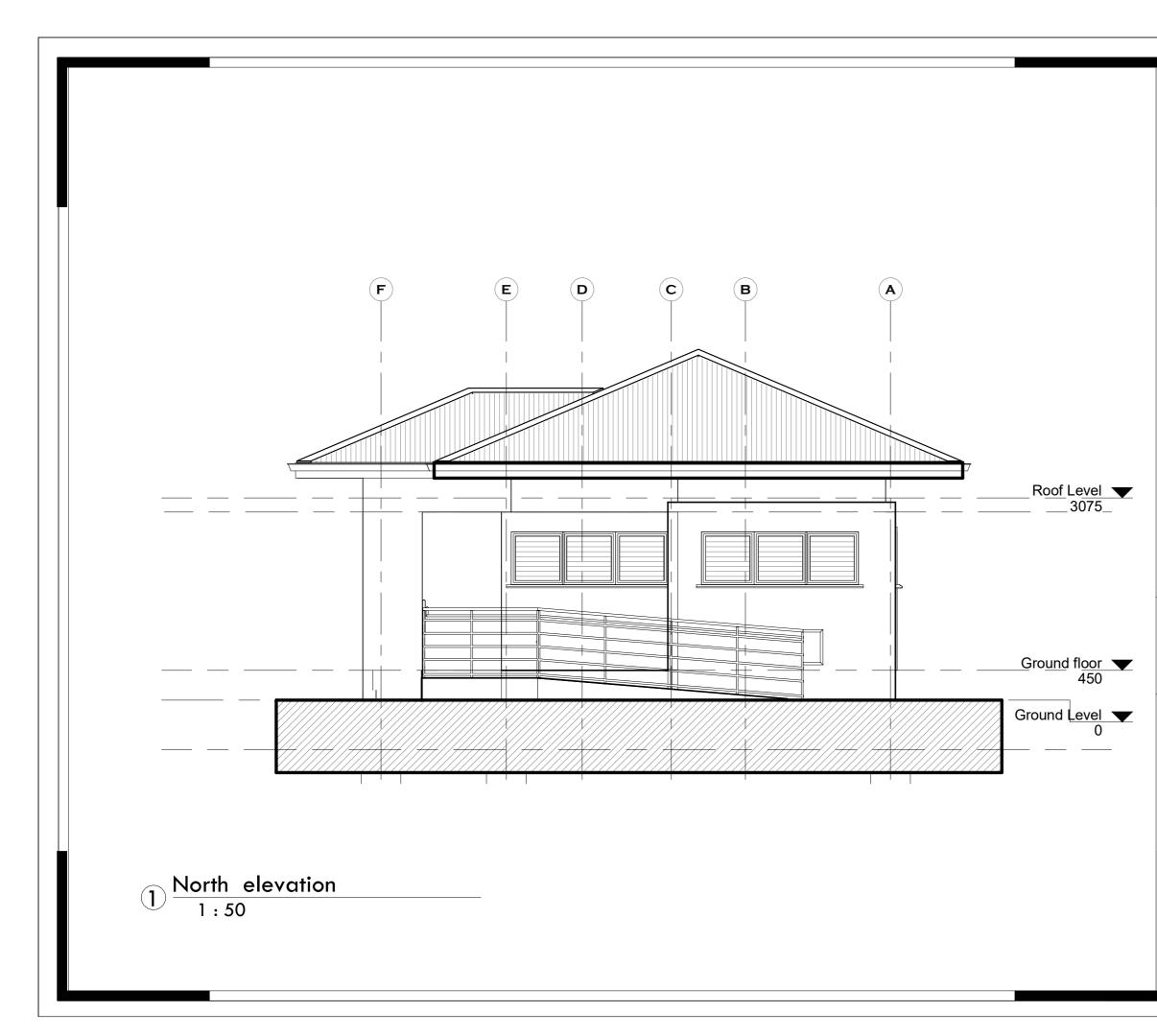
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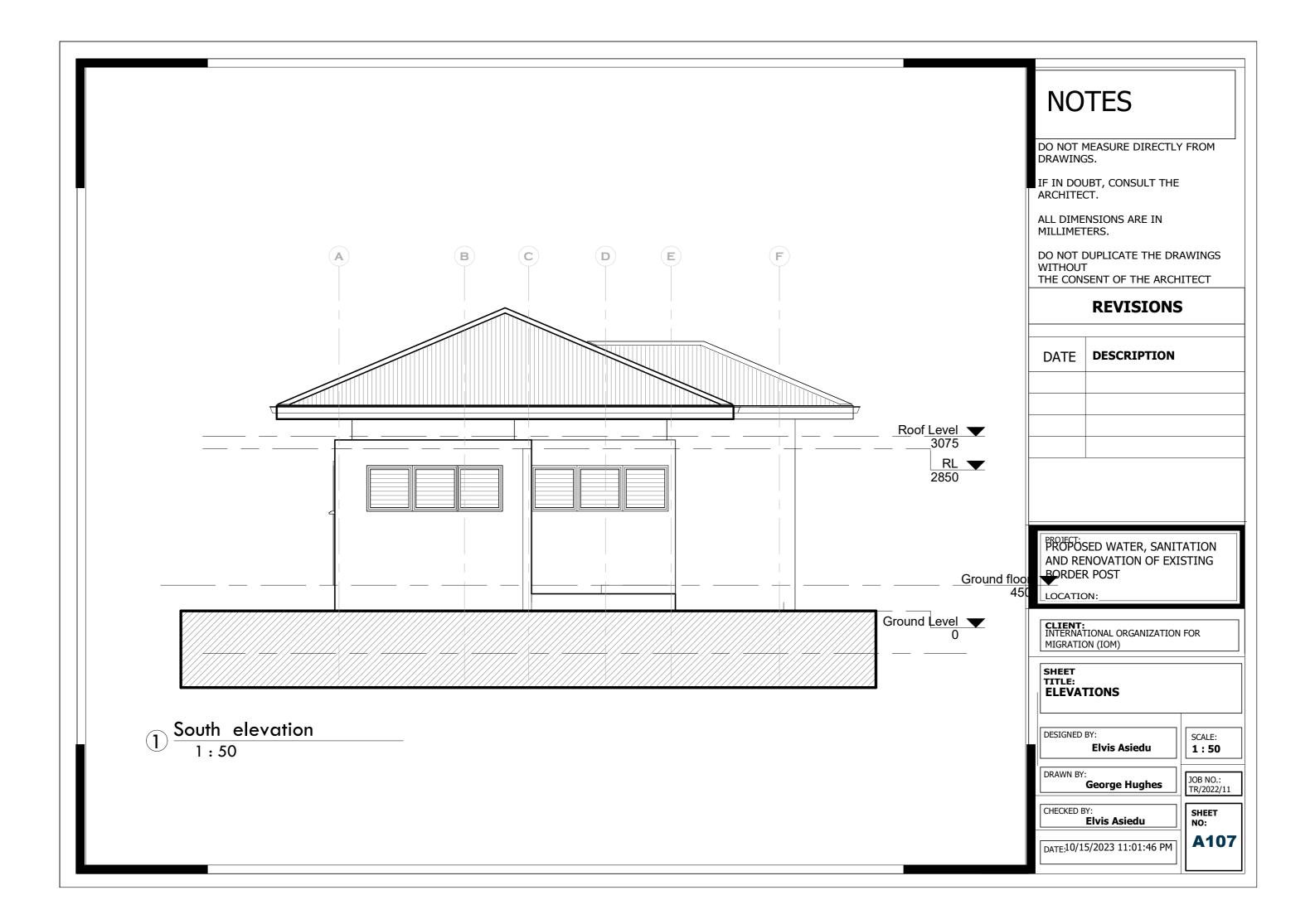
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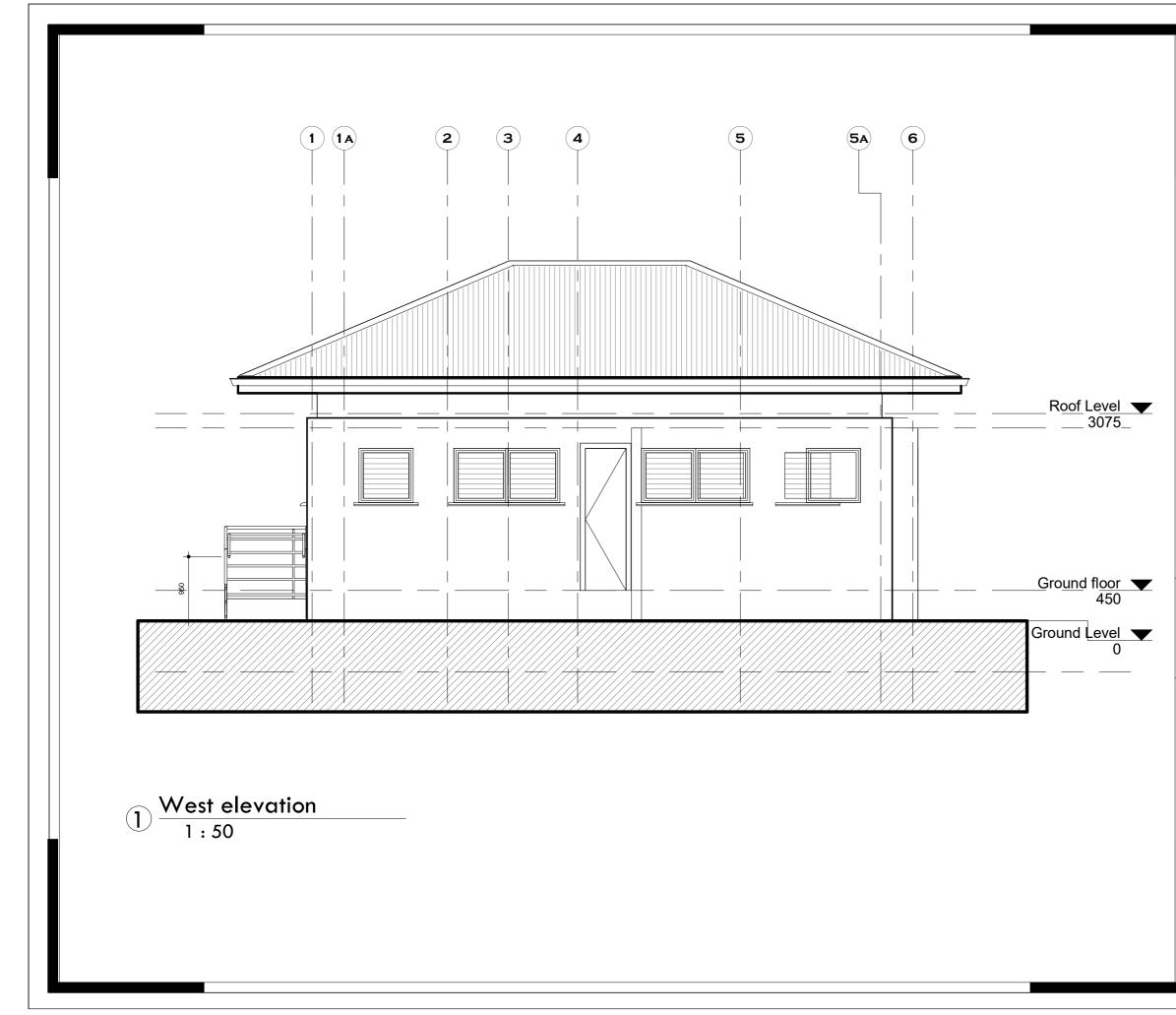


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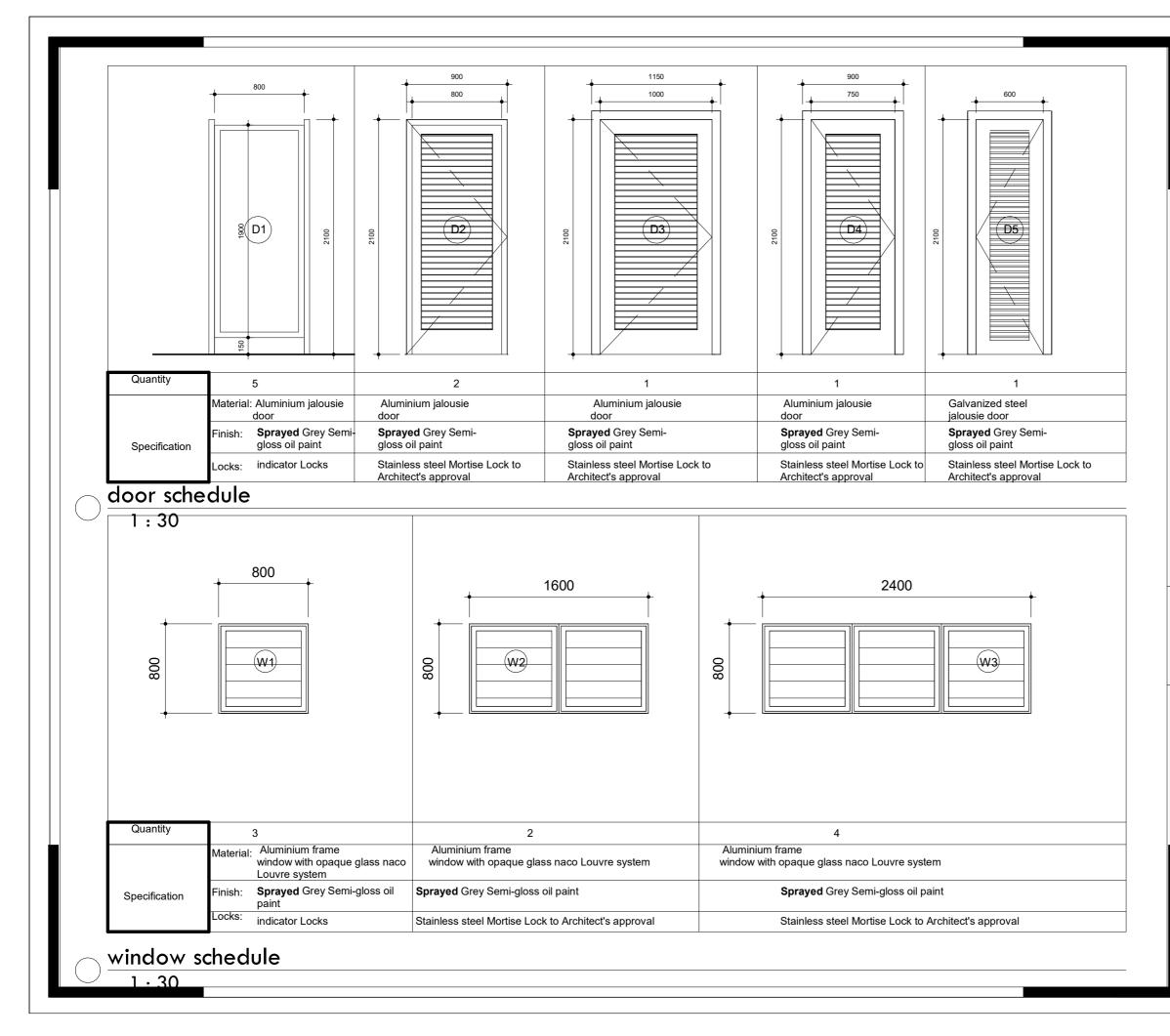


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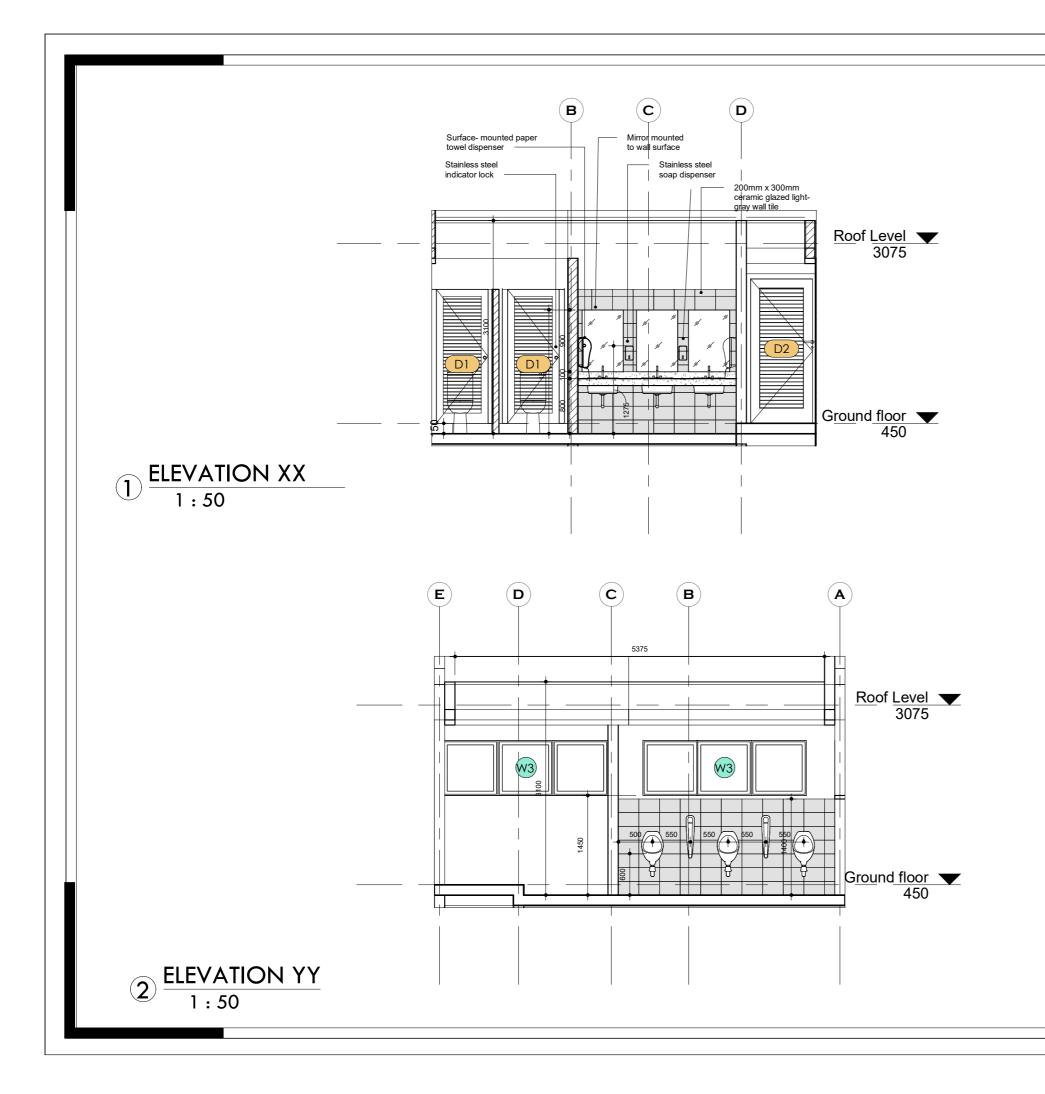




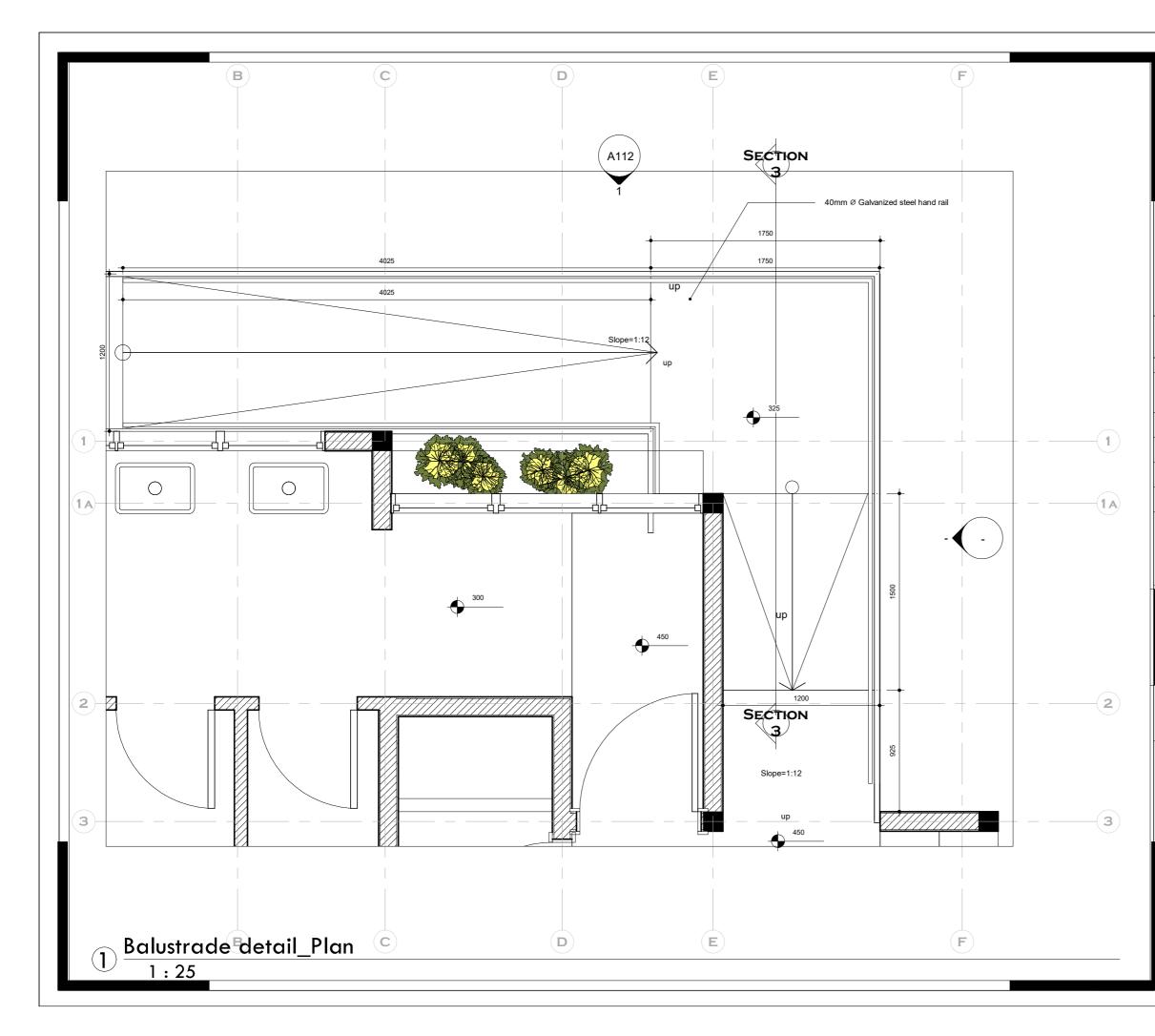
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BORDER POST LOCATION: INTERNATIONAL ORGANIZATION FOR MIGRATION (IOM) SHEET TITLE: ELEVATIONS DESIGNED BY: Elvis Asiedu DRAWN BY: George Hughes JOB NO.: TR/2022/11 CHECKED BY: Elvis Asiedu SHEET NO: A 108	PROJECT: PROPOS	ED WATER, SANIT	ATION			
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TITLE: BLAUSTRADE DETAILS

DESIGNED BY: Elvis Asiedu

DRAWN BY: George Hughes SCALE:

1:25

JOB NO.: TR/2022/11

A111

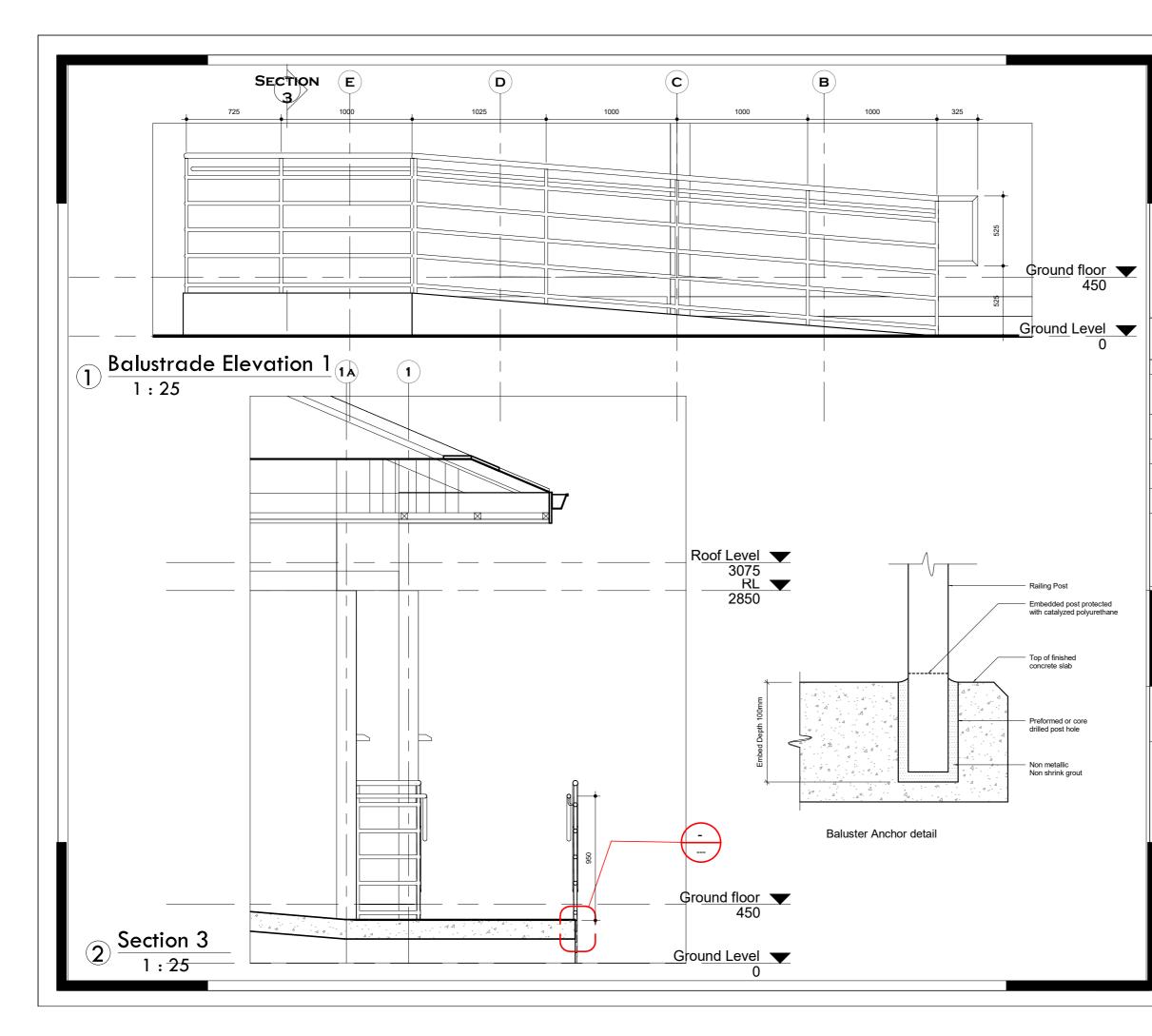
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PROPOSED WATER, SANITATION AND RENOVATION OF EXISTING BORDER POST

LOCATION:

CLIENT: INTERNATIONAL ORGANIZATION FOR MIGRATION (IOM)

SHEET TITLE: BLAUSTRADE DETAILS

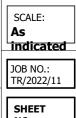
DESIGNED BY: Elvis Asiedu

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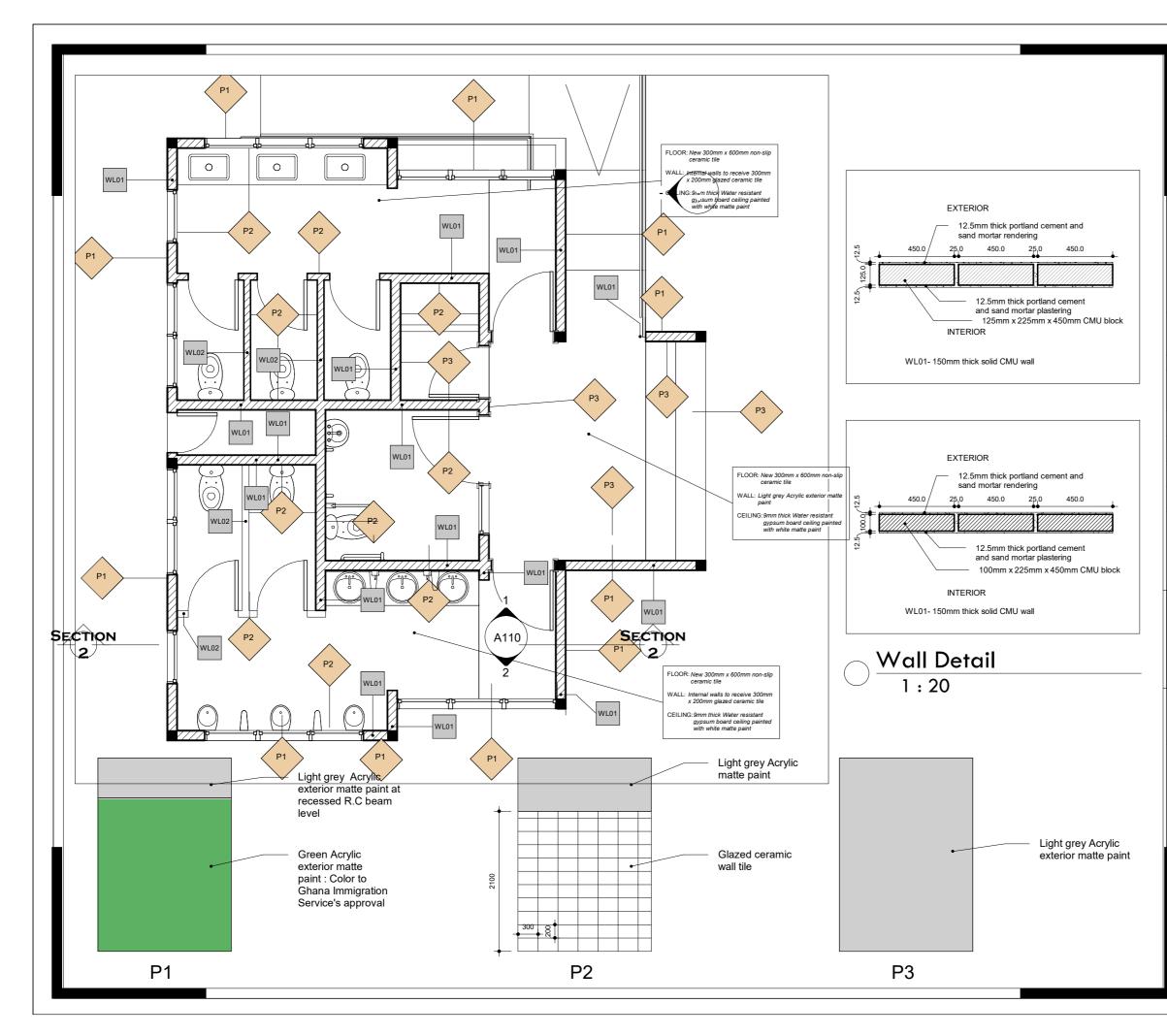
George Hughes

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NOTES DO NOT MEASURE DIRECTLY FROM DRAWINGS. IF IN DOUBT, CONSULT THE ARCHITECT. ALL DIMENSIONS ARE IN MILLIMETERS. DO NOT DUPLICATE THE DRAWINGS WITHOUT THE CONSENT OF THE ARCHITECT REVISIONS DESCRIPTION DATE PROPOSED WATER, SANITATION AND RENOVATION OF EXISTING BORDER POST LOCATION: CLIENT: INTERNATIONAL ORGANIZATION FOR MIGRATION (IOM) SHEET TITLE: **FINISHES LAYOUT** DESIGNED BY: SCALE: Elvis Asiedu As indicated DRAWN BY: JOB NO .: **George Hughes** TR/2022/11

CHECKED BY: Elvis Asiedu

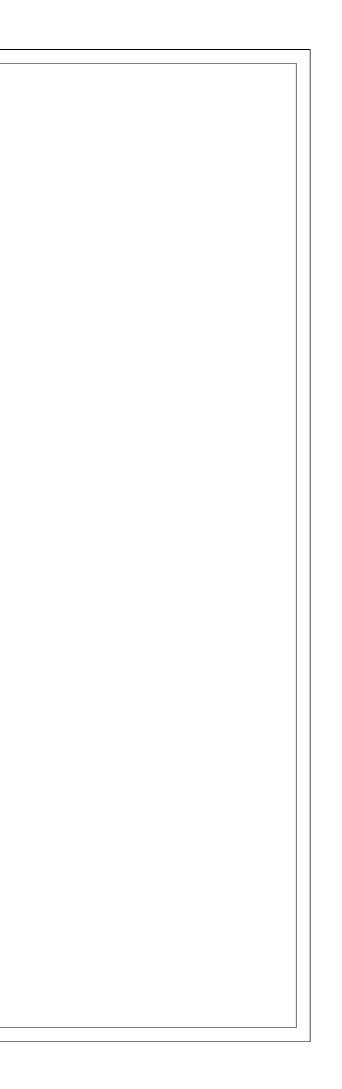
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STRUCTURAL DRAWINGS



- These drawings must be completed with MEP Architectural Drawings/ Design. and

- All drawings shall be read in conjunction with all relevant architectural, and all other disciplines (drawings and Specifications).

Contractor must coordinate and implement the construction details in conjunction with Architectural, Plumbing, Electrical and Mechanical drawings. Any identified discrepancy must be communicated before execution to the Architects and Engineers.

- All the levels and distances must be checked on site by the Contractor.

- For the definition of the finishes, Architectural Drawings must be consulted.

- The contractor shall comply with the specifications of Eurocode, BS and the relevant Ghanaian regulations.

- Unless otherwise stated, all dimensions are in millimeters.

All materials and finishes shall be consistent throughout the project unless approved otherwise.

- All MEP ducts and concrete embedded elements must be done as first fixes before casting of concrete. All the locations and dimensions are to be checked by the Contractor prior to casting the concrete. Architects and Engineers must be informed of any discrepancies observed.

 No ducts or openings are allowed in beams or in columns, except if indicated very clearly on the structural drawings

- For elements with concrete final finish, formwork must be prepared in accordance with provisions of section 5 (Falsework & Formwork) of EN 13670:2009 (E): Execution of Concrete Works.

- Blinding concrete (minimum 50mm layer) must be provided in contact with soil on the bottom surface of foundations and foundation beams.

- Any specified product other than that recommended by the Structural Engineer should be accompanied by its Technical Literature for Structural Engineer's review and advice

Contractor must provide cementitious spacers and steel chairs for the reinforcement in accordance with provisions of BS 7973-1:2001 in order to achieve the requested cover position and rigidity. The centres of the spacers and chairs shall not exceed 1000mm in two directions in right angles. Steel chair must have high yield strength of reinforcement bars and cementitious spacers must have cube strength of 50N/mm2 at 28days when cast, cured and tested in accordance with BS-1881-124

- A camber of L/300 shall be applied at the mid span of the slab, for slabs with a span (L) greater than 6100mm, and L/150 for cantilever slabs with span (L) greater than 1500mm

The nominal cover for the reinforcement must be ensured on all elements.

- All existing levels shall be confirmed on site prior to start of construction.

 Prior to fabrication of any miscellaneous metalwork items, all 'as-built' concrete dimensions and levels must be determined by the contractor, and adjustments to the drawing information made to suit.

 Where a non-slip surface is required to exposed concrete the surface is to be brushed with a stiff broom or wire brush while the concrete is still green, to produce a lightly textured surface.

The assumed soil bearing pressure at foundation level is 200kPa Ground improvement works have been indicated to obtain an expected 350kPa soil bearing pressure. A plate loading test should be conducted to ensure expected soil bearing pressure has been achieved.

The excavation for the footings must be large enough to allow the works to be done below ground, in perfectly safe conditions.

The minimum level for all the foundations must be 1500mm below the existing ground level.

- Excavations shall be kept open for the minimum period as possible. Immediately before the construction of foundations, and other elements under the soil, the sides of the excavation must be trimmed and the bottom shall be cleaned and, if in loose or disturbed soil, shall be very well rammed and the whole shall be approved before blinding concrete is cast.

- All backfilling around foundations, ducts, etc is to be carried out in accordance with provisions in EN 1997-1: 2004 BS (Eurocode 7: Geotechnical Design, Part 1: General Rules), section 5.3.

- If the foundation depth is higher by 600mm than the estimated one, the Contractor must immediately alert the Engineers.

The Contractor shall record the depth of every foundations as constructed on a suitable plan, and submit to the engineer when all the foundation work is done.

- Foundations can be cast at different levels if it is determined that the distance between the foundations ensures that the angle between levels is less than 30°.

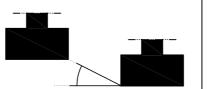
- If a strip foundation must have different levels, the transition between levels cannot be bigger than 1500mm, unless detailed on the drawings. If that is not possible, the Contractor must inform the Engineer immediately.

- The areas placed under the foundations or raft slab should be compacted to achieve minimum Modified Proctor density and OMC as specified in the drawings.

- When the excavation reaches the foundation level, and with the approval of the checker, a layer of blinding concrete, of 50mm minimum thickness must be immediately placed.

- The slabs cast on ground will be cast above a polyethylene membrane

Foundations can be cast at different levels if it is determined that the distance between the foundations ensures that the angle between levels is less than 30°.



Foundation block wall thickness shall be: - 200mm for external wall - 150mm for internal wall

- Superstructure block wall shall be as indicated in architectural drawings

If anchorage length is not referred in the drawing, it should be considered as follows:

The reinforcement must be anchored according to the Eurocodes and BS and relevant Ghanaian regulations. Minimum anchorage lapping length must be considered as 57% for Laps, Tension Anchorages and Compression Anchorages.

S500 (EN1992-1-1) NOMINAL COVER TO ALL STEEL 50mmFootings 50mm Walls in contact with soil or 25mm Walls not in contact with so 25mmColumns 25mmBeams 25mmSlabs and Stairs 25mmSlab on grade and stairs on

CONCRETE

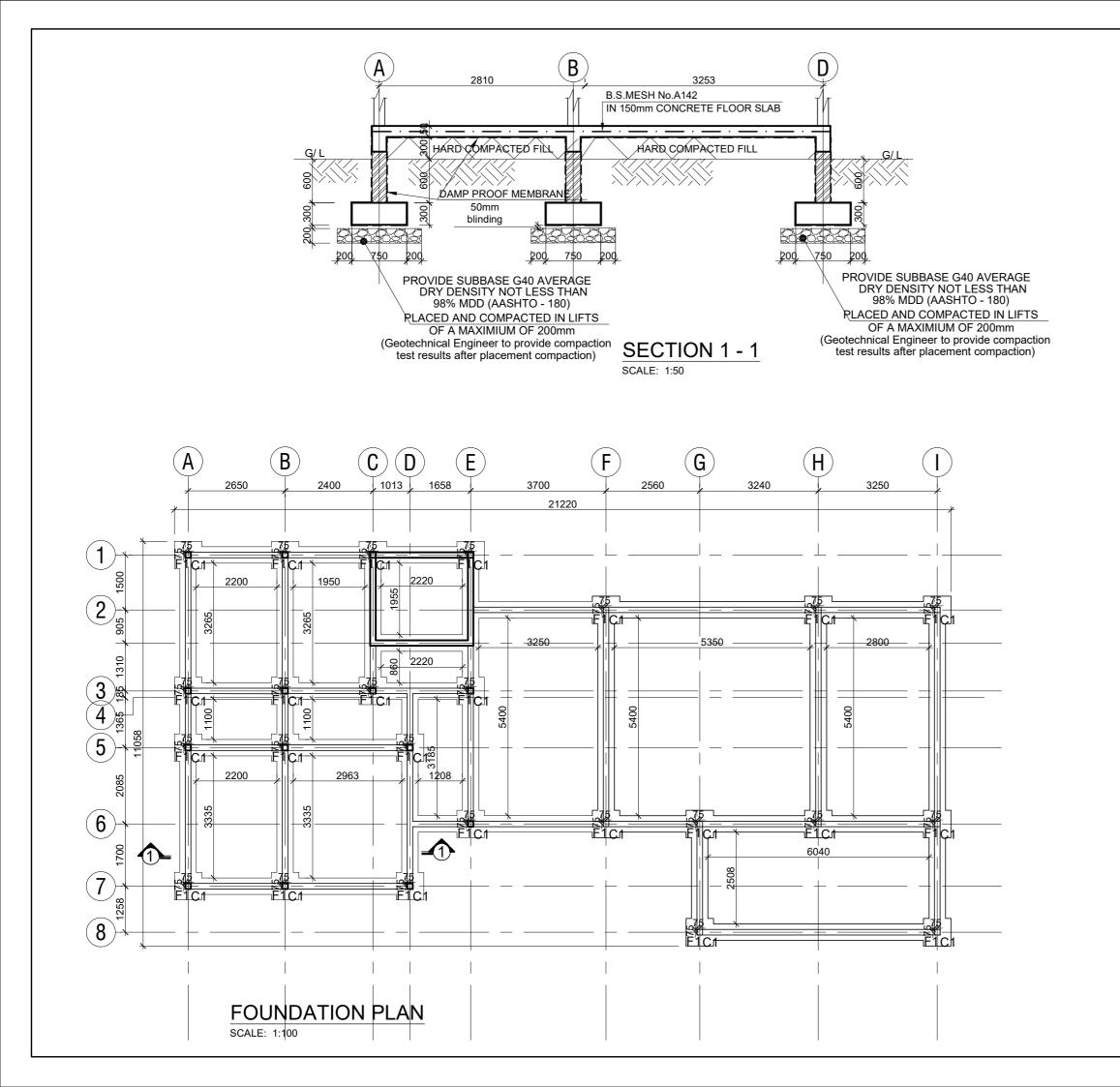
REINFORCEMENT STEEL

Structural levels generally refer to top of co top of steelwork and are shown as next:

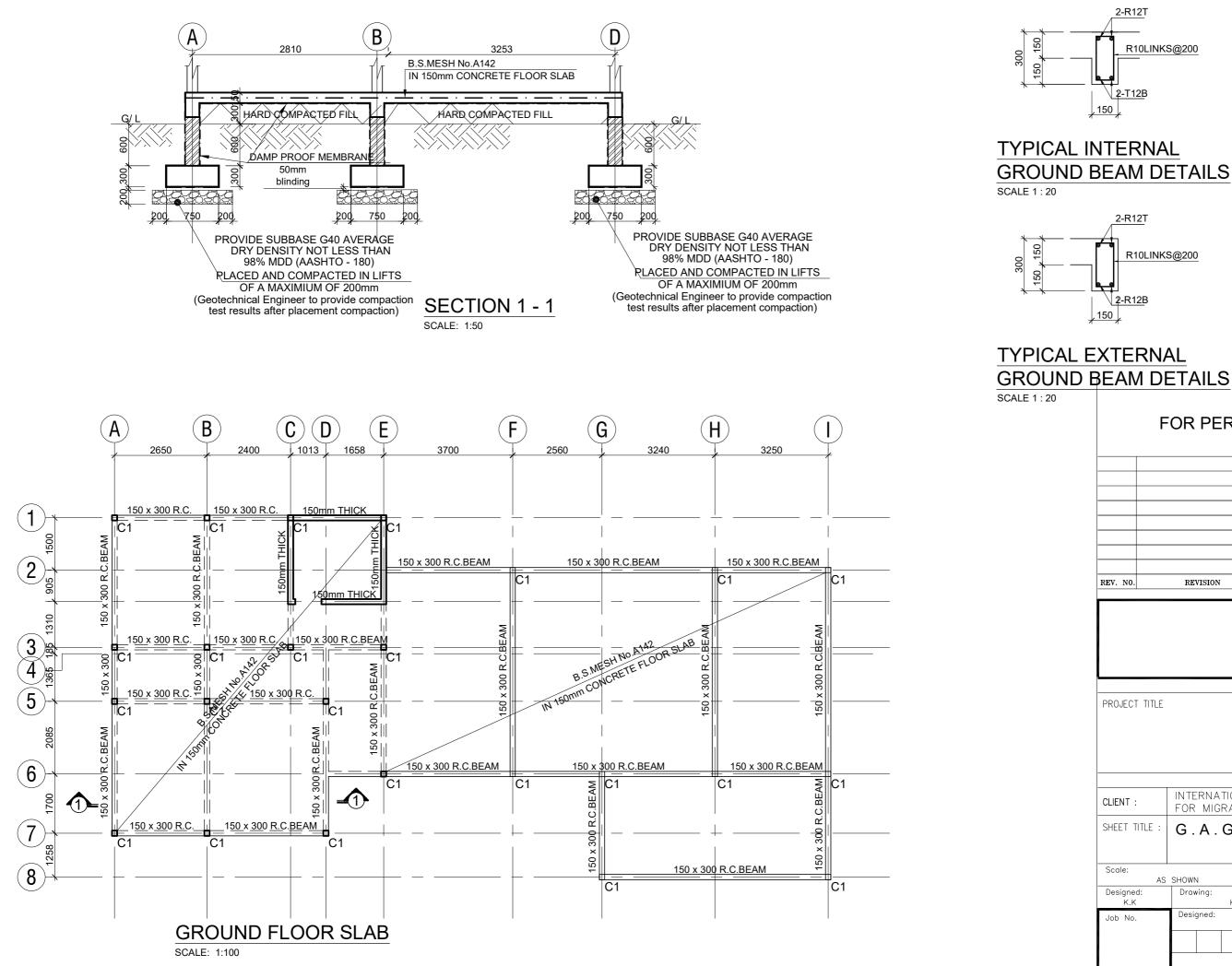


NOTE All columns, beams (steel or concrete) and r are centred on grid lines unless dimensioned

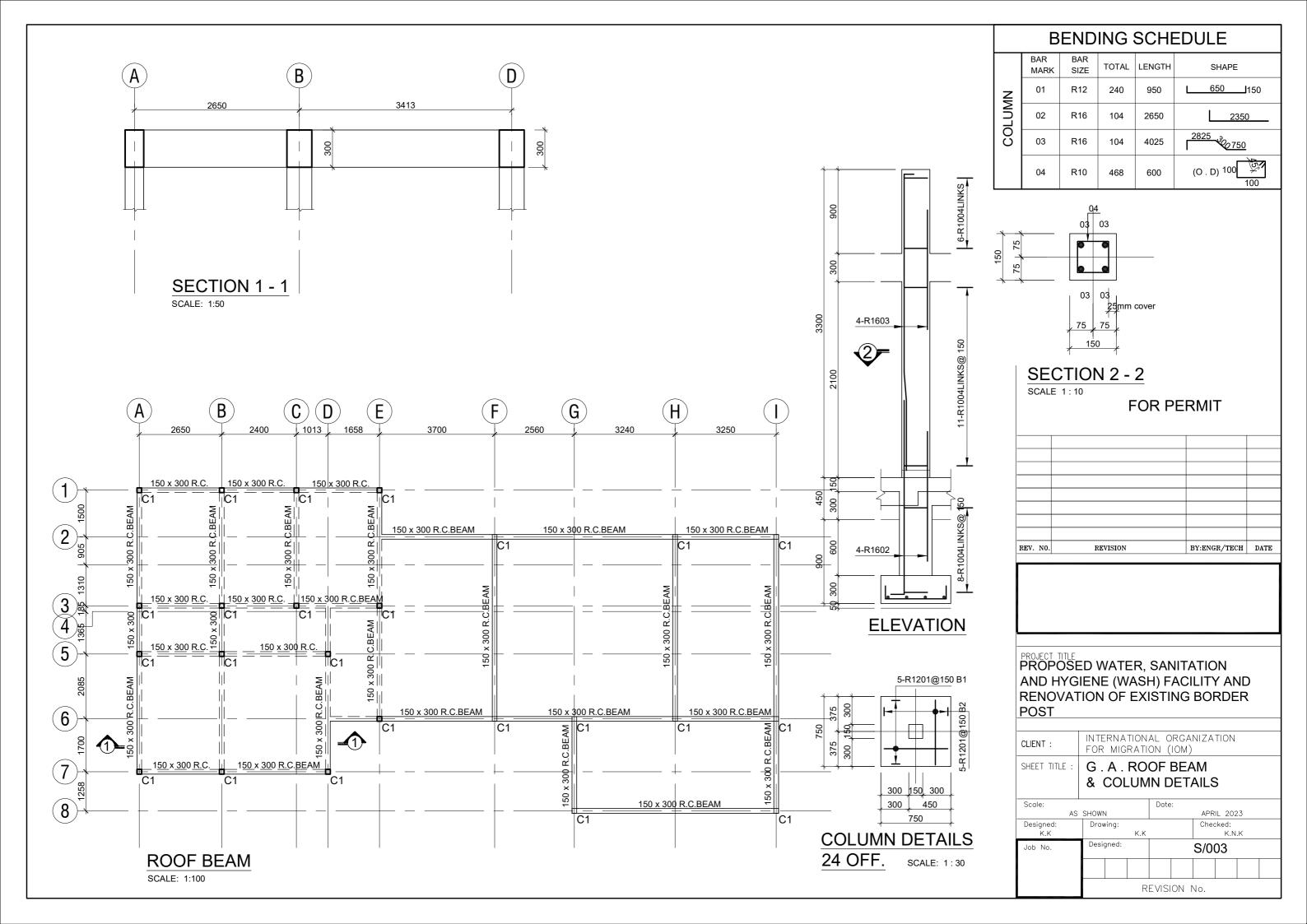
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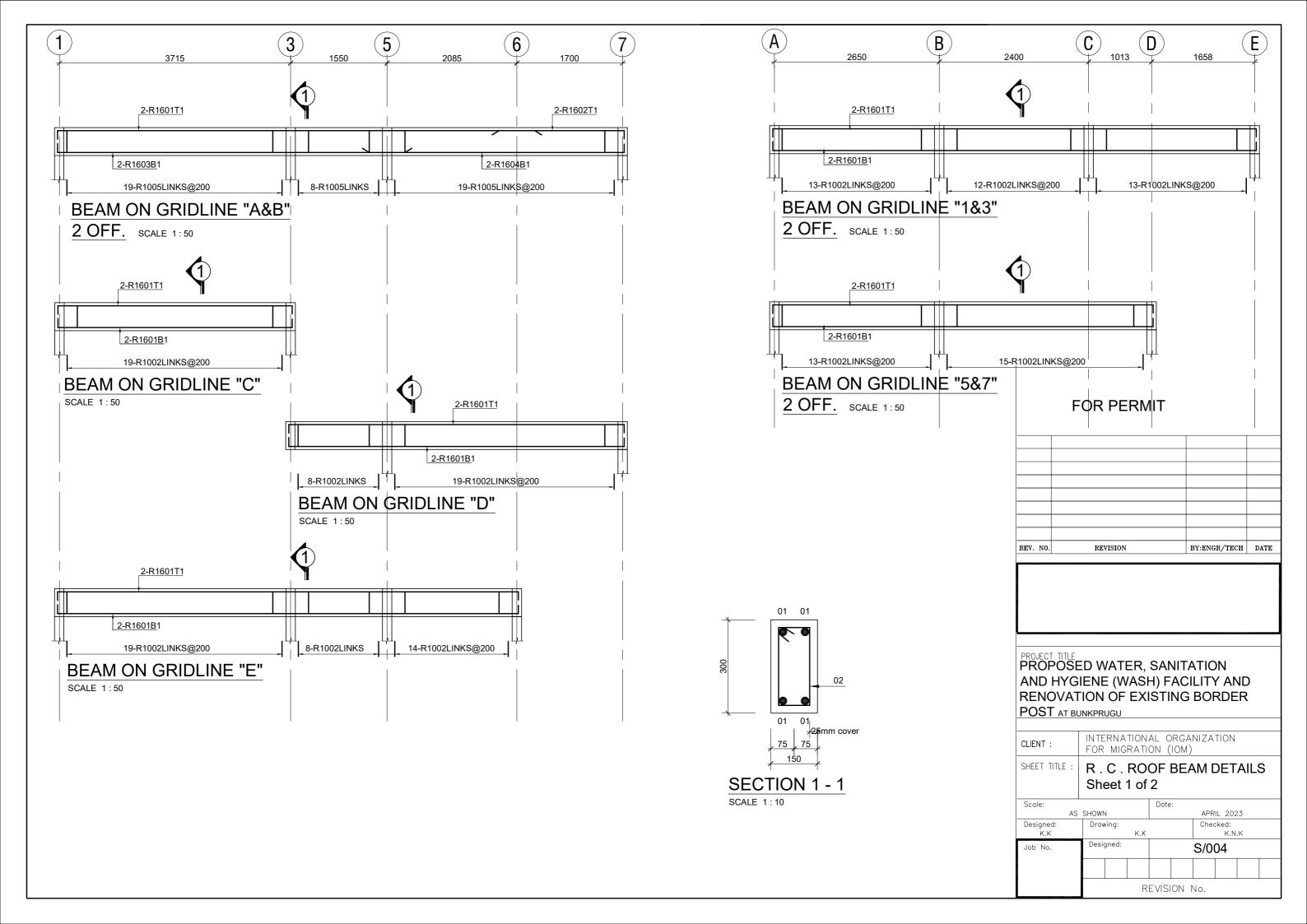


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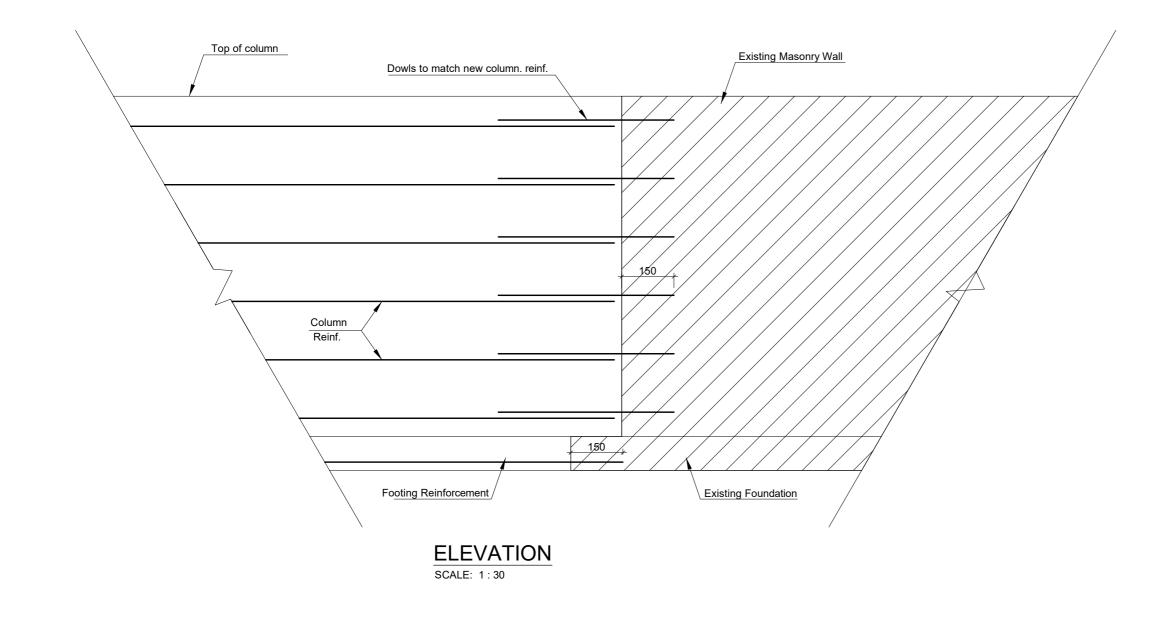




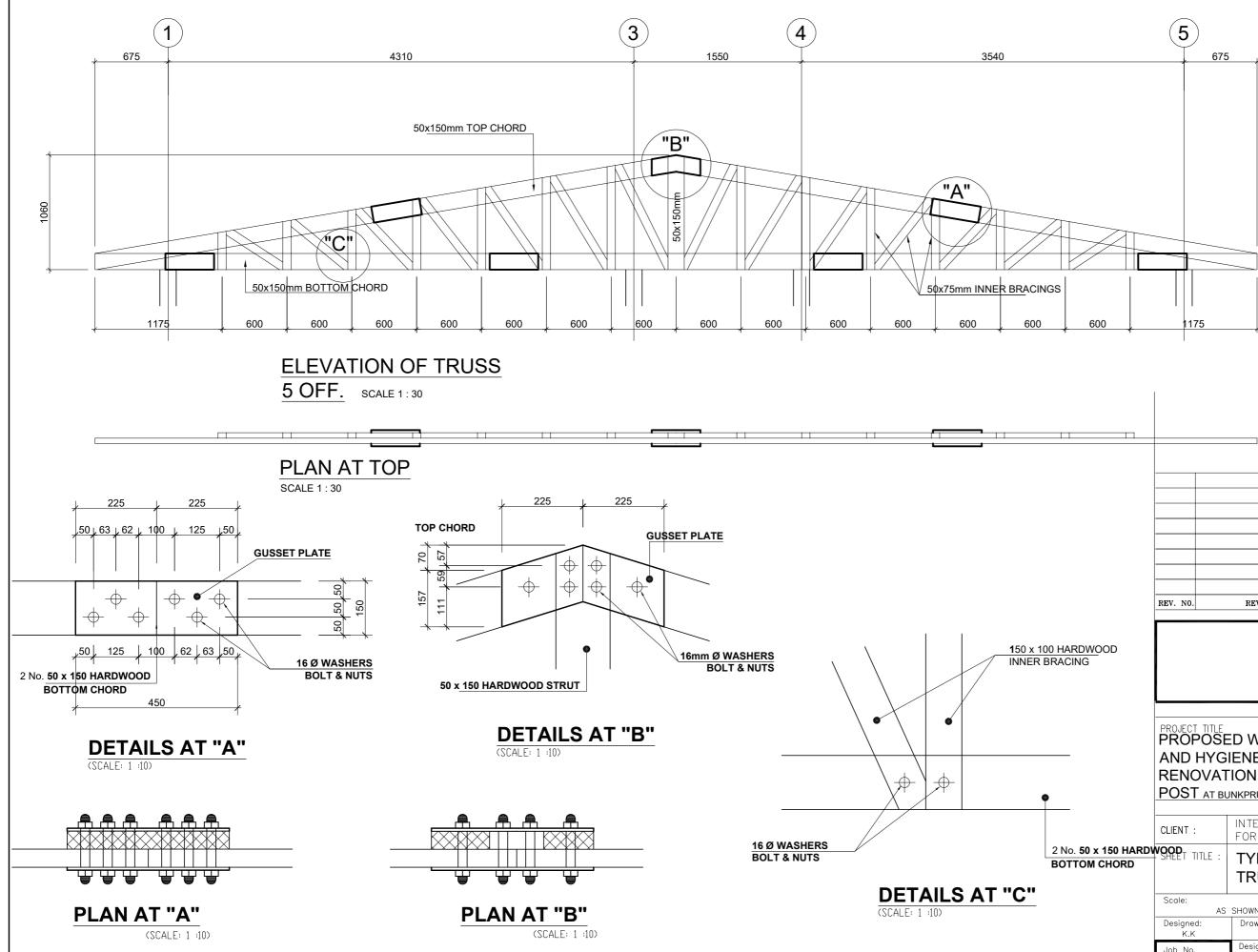
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	BAR MARK	BAR SIZE	TOTAL	LENGTH	SHAPE
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JLINE'	02	R10	76	900	(O . D) 100 ∠50
BEAMONGRIDLINE"1&3"					
87"	01	R16	8	6565	<u>6165</u> 200
INE"5	02	R10	56	900	(O . D) 100 400
BEAMONGRIDLINE"5&7"					7700
A&B	01	R16	8	7900	200
NE "	02	R16	8	2250	<u> </u>
DLIN	03	R16	8	5800	200 5600
GRI	04	R16	8	4325	<u>4125</u> 200
NO M	05	R10	92	900	(O . D) 100
BEA					
". "	01	R16	4	4215	<u>3815</u> 200
JLINE	02	R10	19	900	(O . D) 100 250
BEAM ON GRIDLINE "C" BEAM ON GRIDLINE "A&B"					

	В	END	ING	SCHE	EDULE
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	01	R16	4	6040	<u>5440</u> 200
OLINE	02	R10	27	900	(O . D) 100 ♀ 250
BEAMONGRIDLINE"D"					
-	01	R16	4	7855	7455 200
INE"E	02	R10	41	900	(O . D) 100
BEAMONGRIDLINE"E"					

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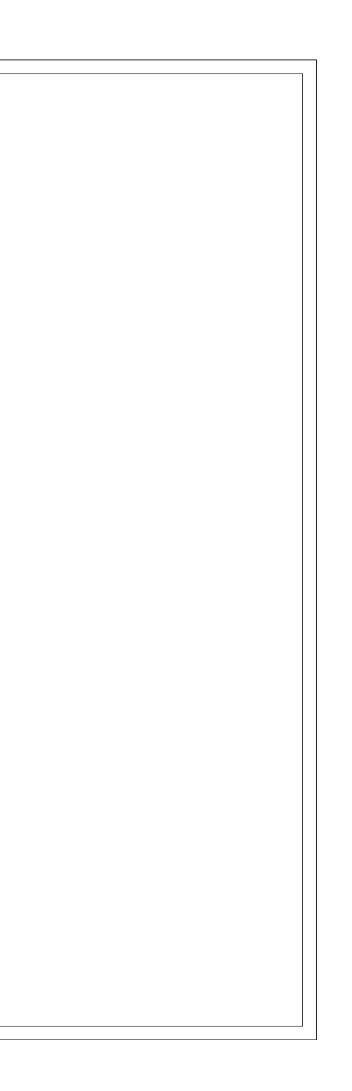


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WASH FACILITY



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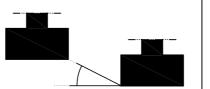
- If a strip foundation must have different levels, the transition between levels cannot be bigger than 1500mm, unless detailed on the drawings. If that is not possible, the Contractor must inform the Engineer immediately.

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High yield reinforcement (Ductility nimum characteristic strength of 46 S500 (EN1992-1-1) NOMINAL COVER TO ALL STEEL 50mmFootings 50mm Walls in contact with soil or 25mm Walls not in contact with so 25mmColumns 25mmBeams 25mmSlabs and Stairs 25mmSlab on grade and stairs on

CONCRETE

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C25/30

REINFORCEMENT STEEL

Vertical element (reinforced co ends at the represented plan

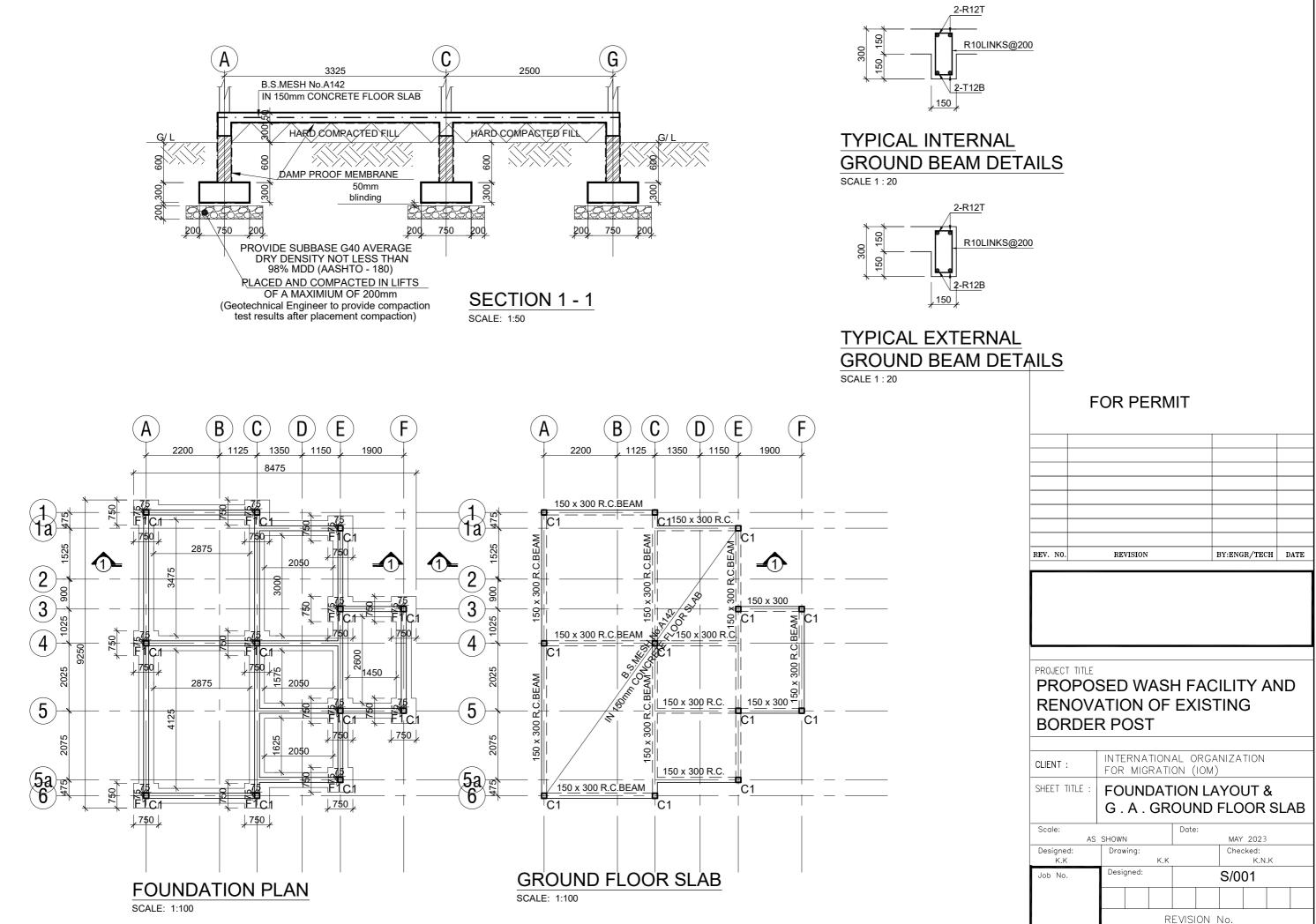
Vertical element (reinforced co starts or proceeds to the upper

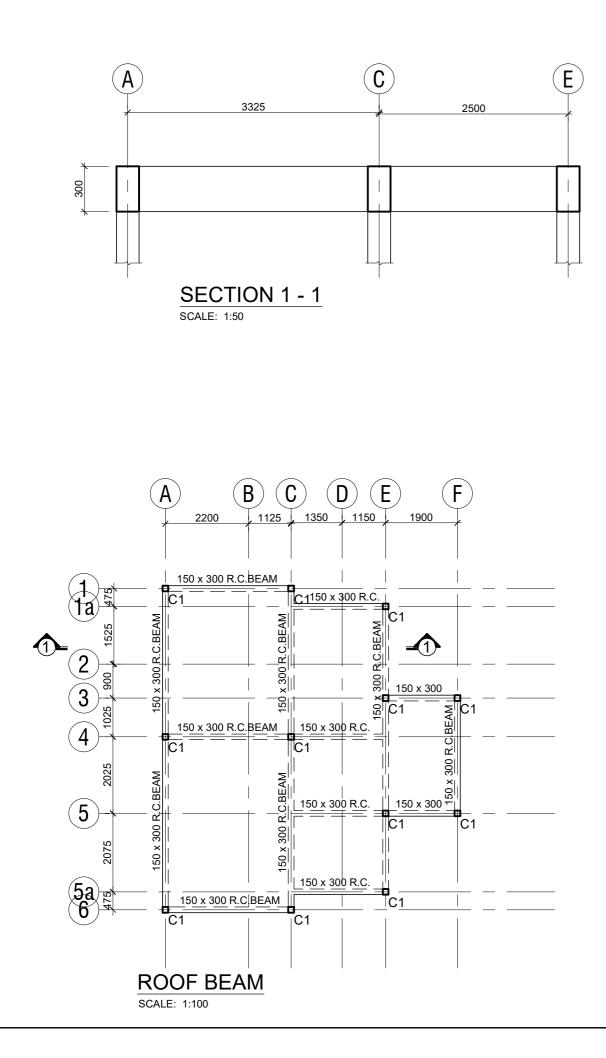
Structural levels generally refer to top of co top of steelwork and are shown as next:

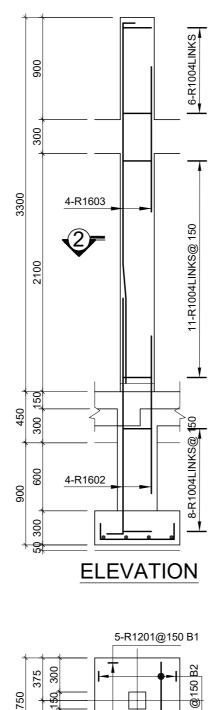


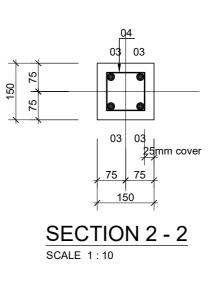
NOTE All columns, beams (steel or concrete) and r are centred on grid lines unless dimensioned

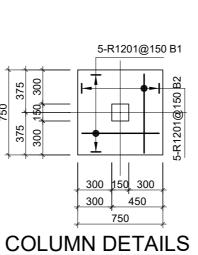
Blinding concrete Concrete in slabs and beams Concrete elsewhere	s						
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D ALL STEEL ontact with soil or water in contact with soil or water							
Stairs rade and stairs on grade							
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12 OFF.

	BENDING SCHEDULE									
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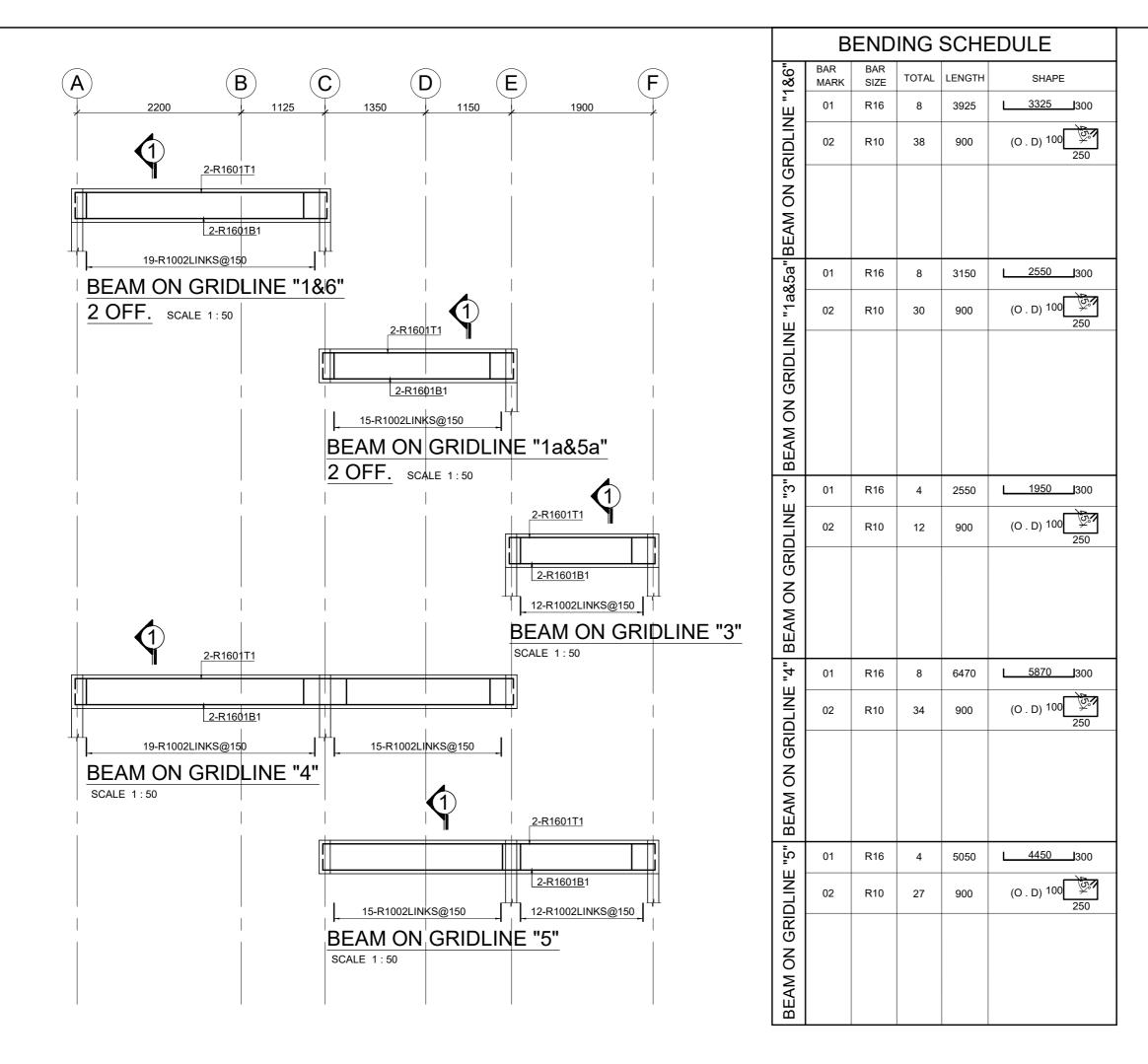
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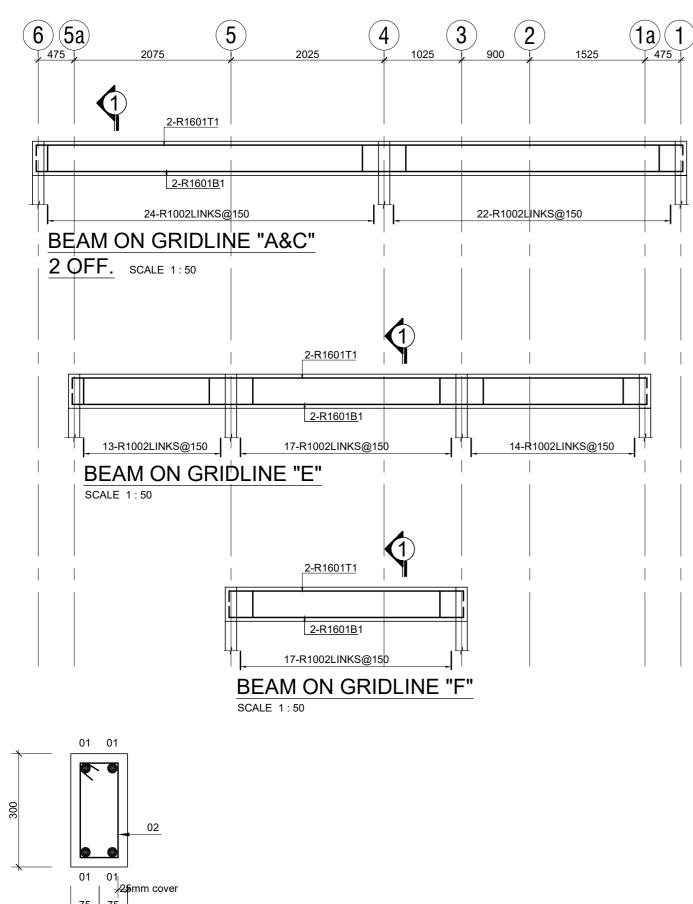
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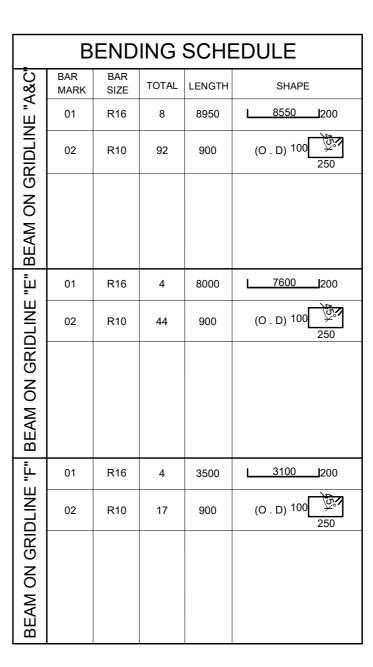
PROPOSED WASH FACILITY AND **RENOVATION OF EXISTING** BORDER POST

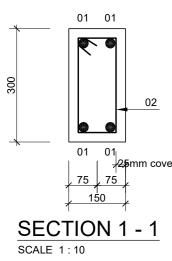
CLIENT :	INTERNATIONAL ORGANIZATION FOR MIGRATION (IOM)					
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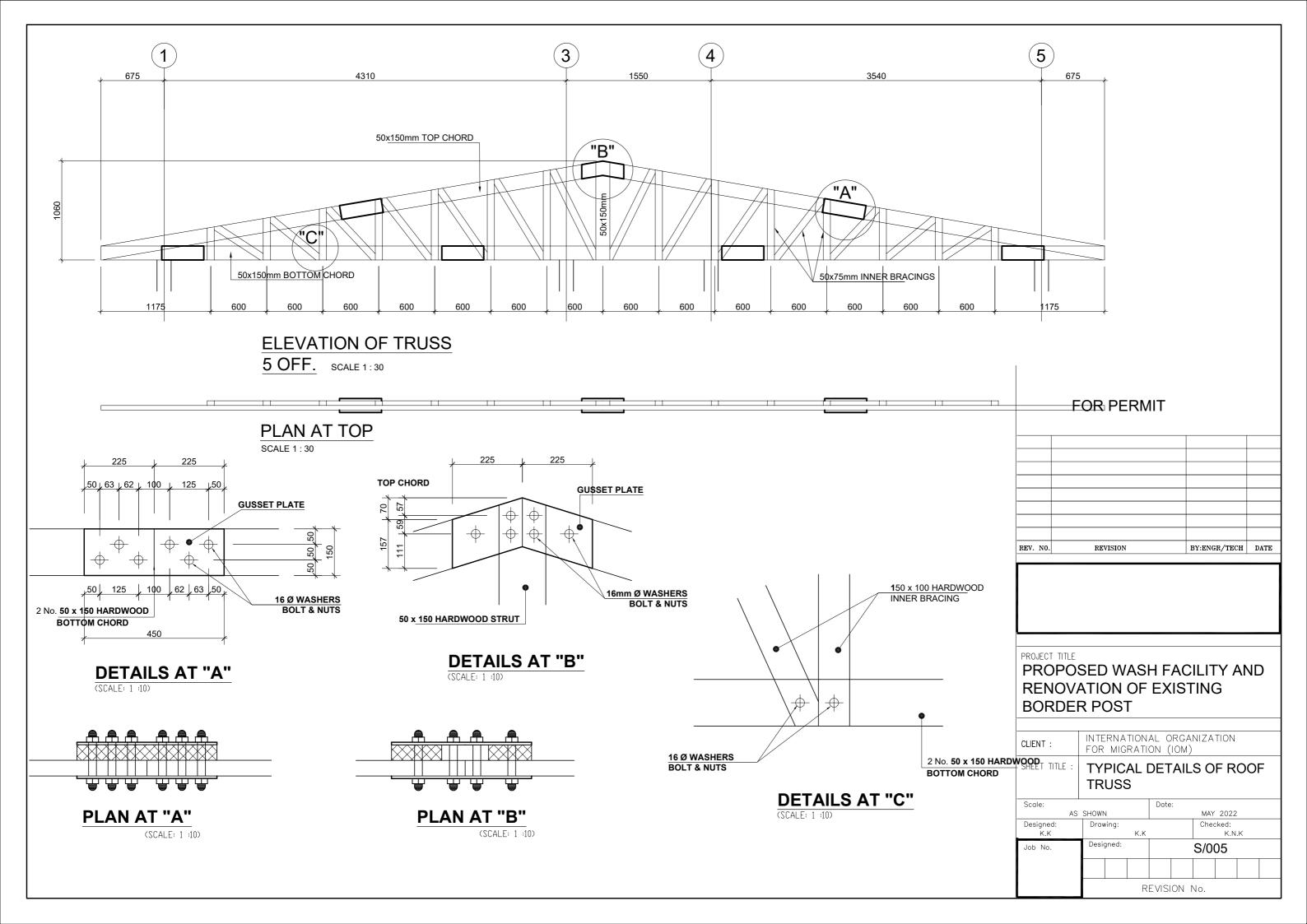


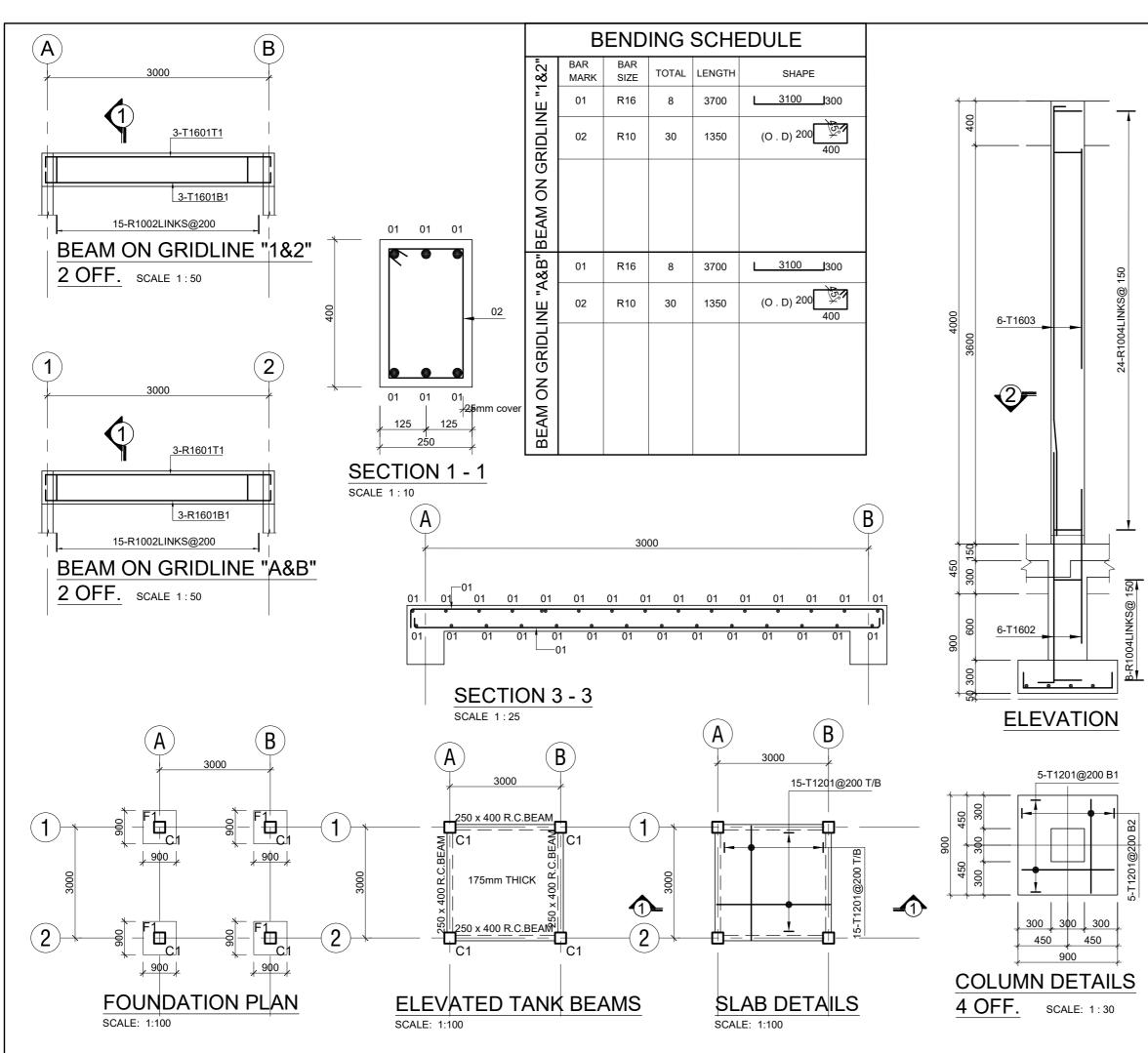


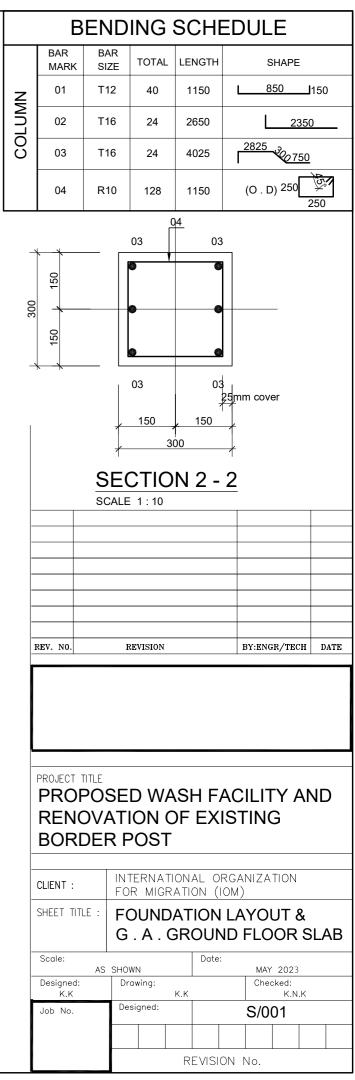


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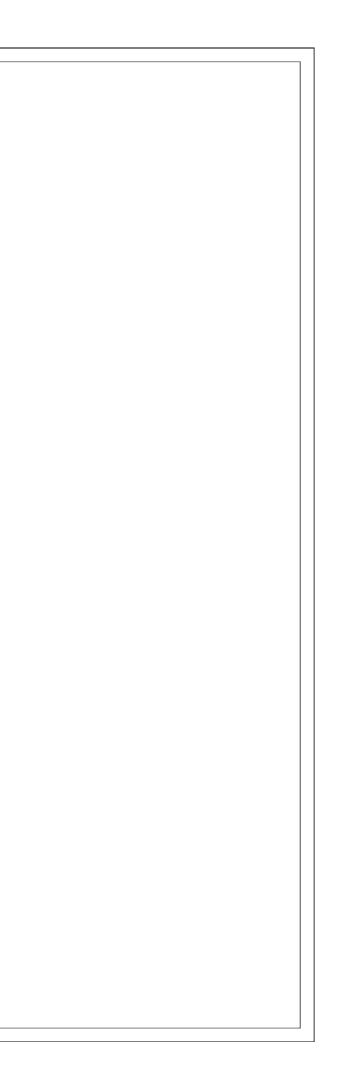
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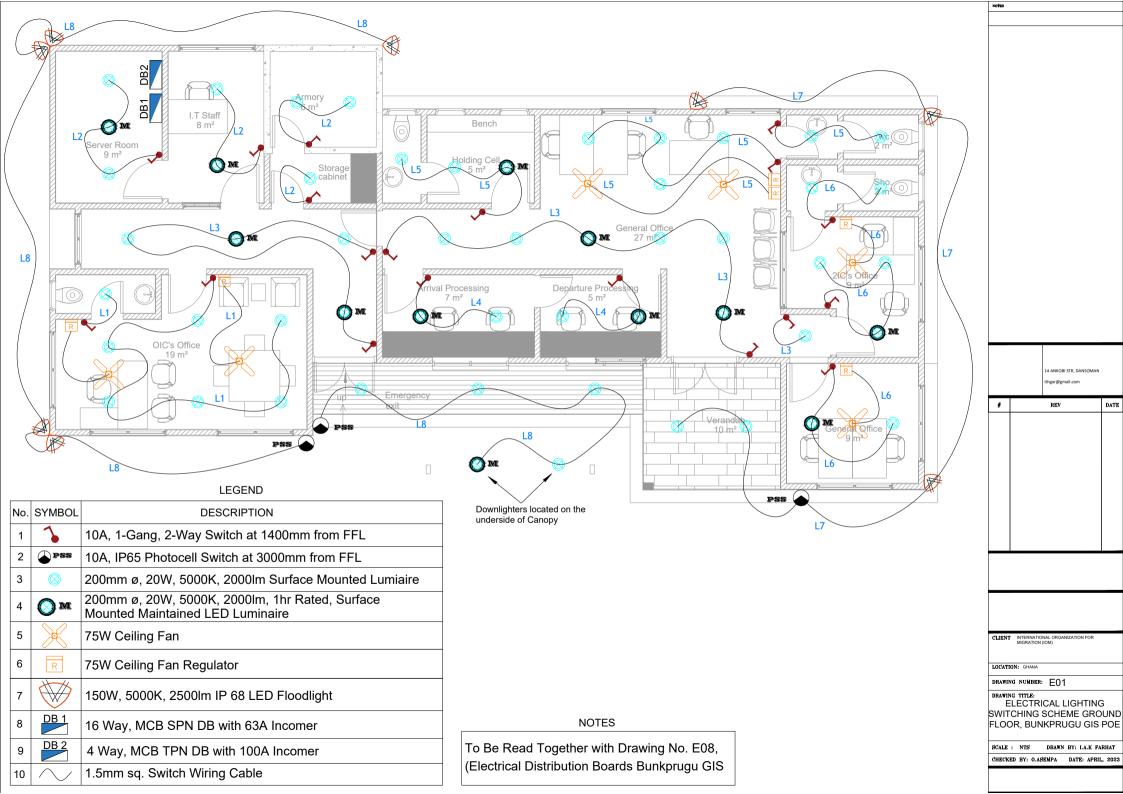


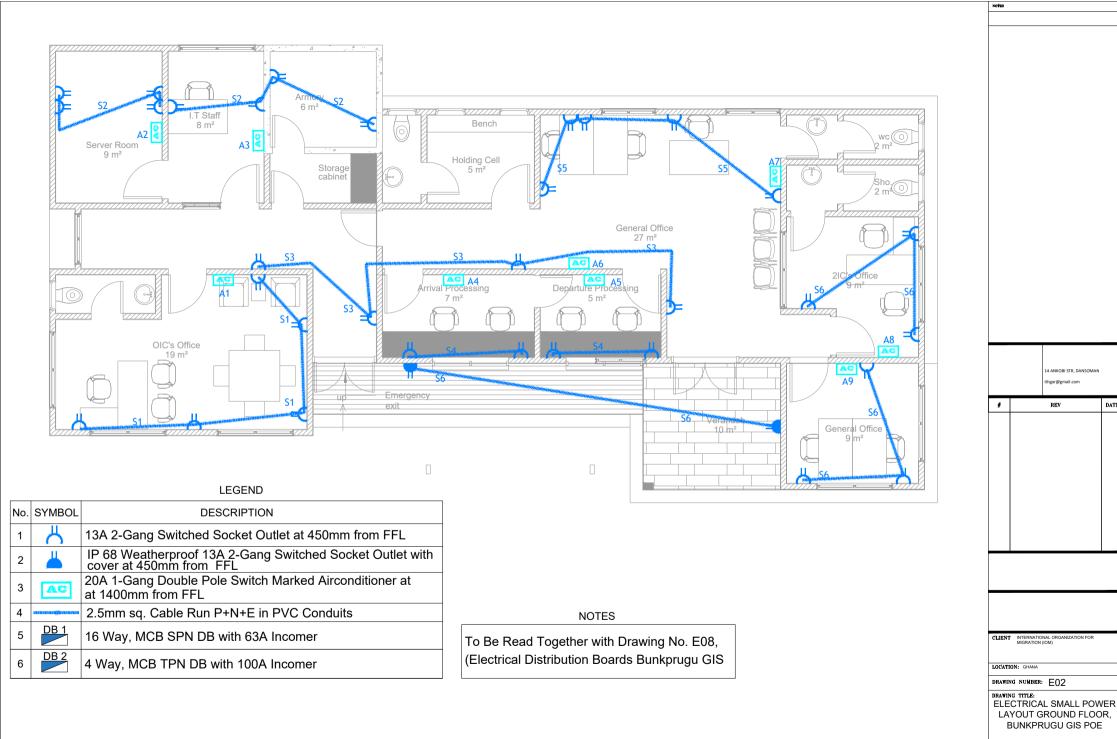




BUILDING SERVICES DRAWINGS







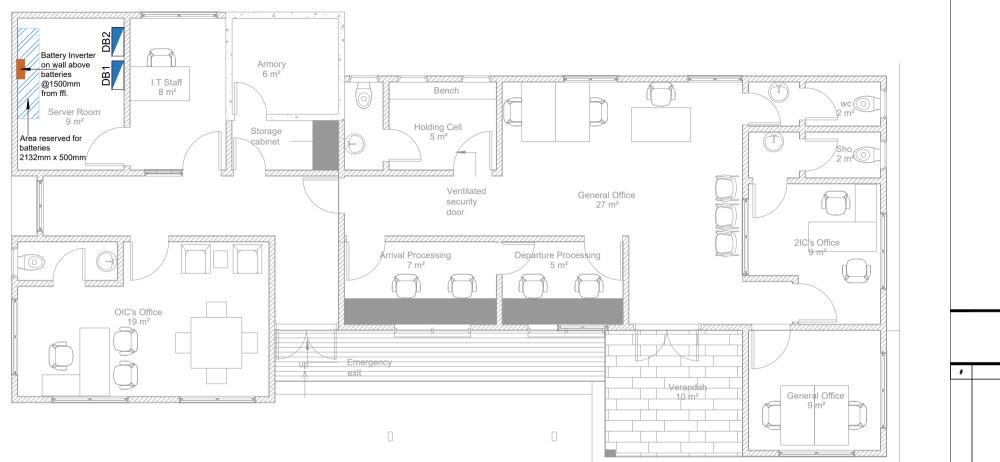
DATE

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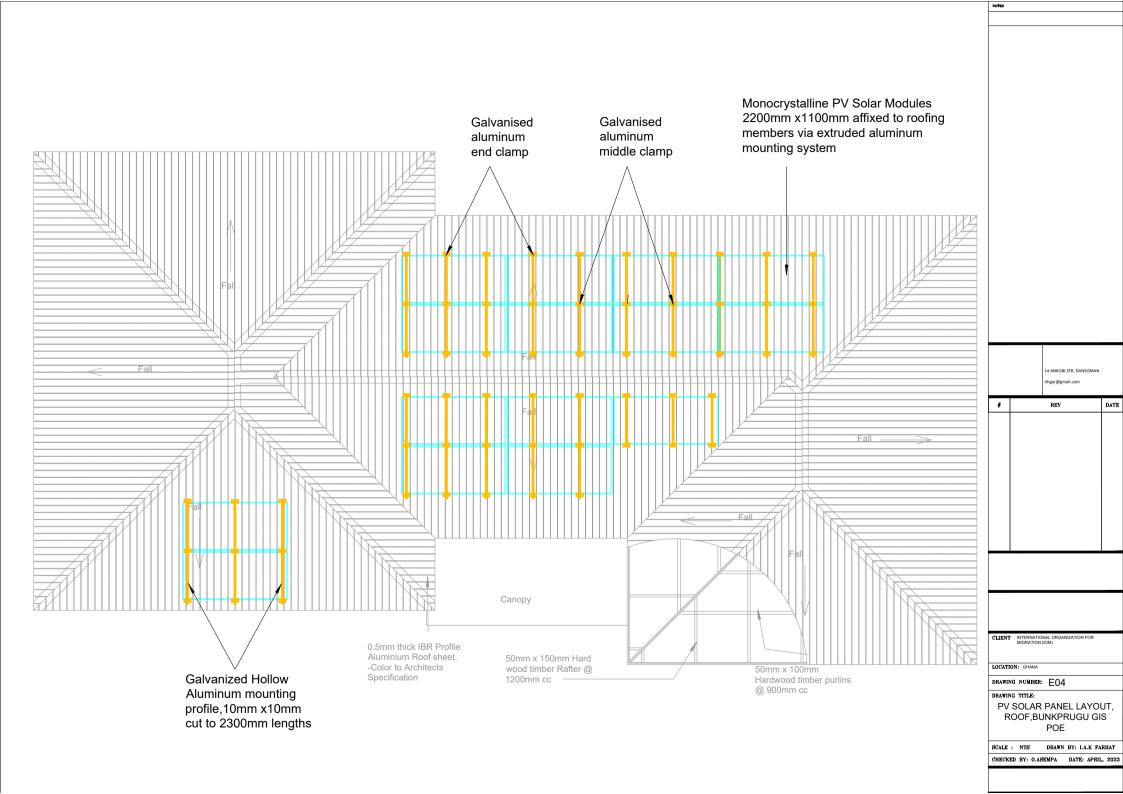
DRAWN BY: I.A.K FARHAT

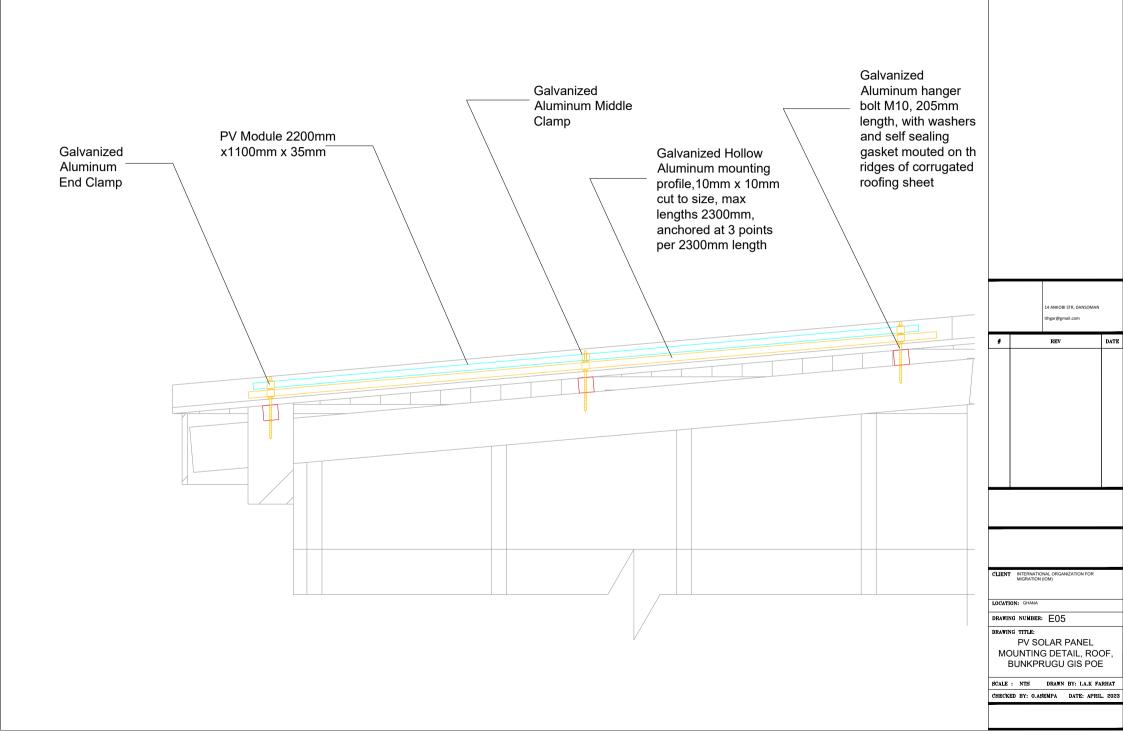
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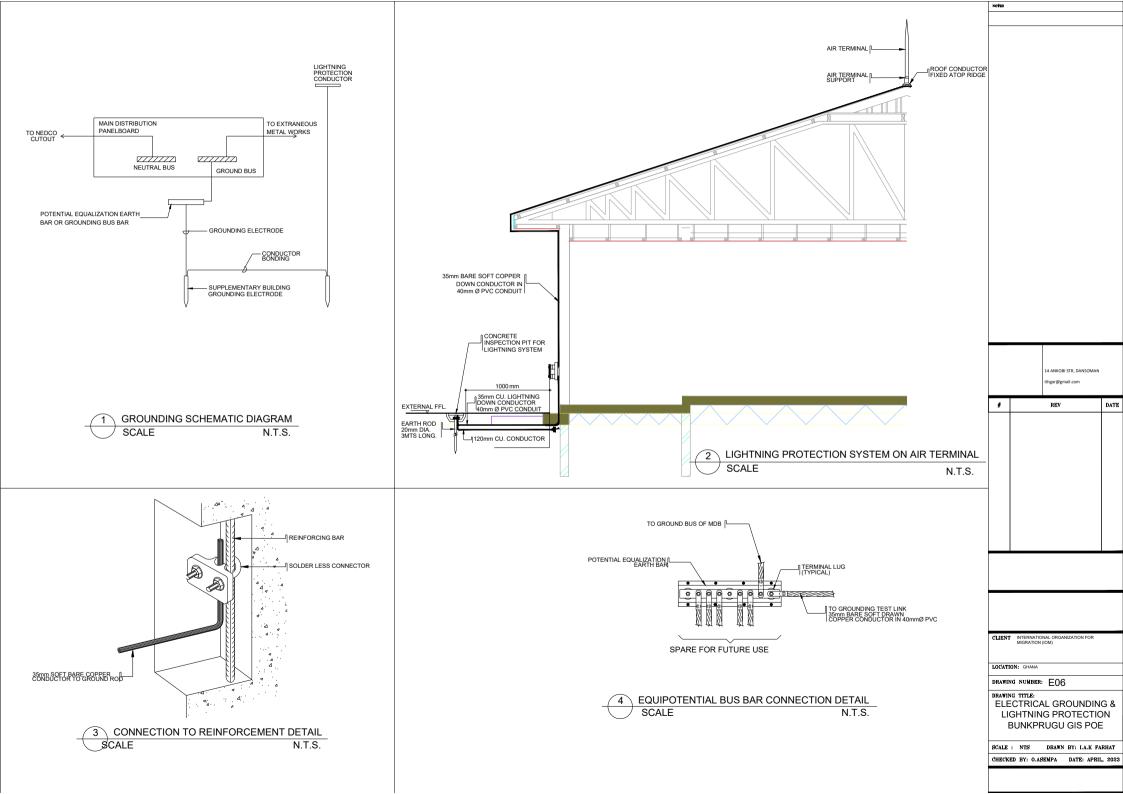
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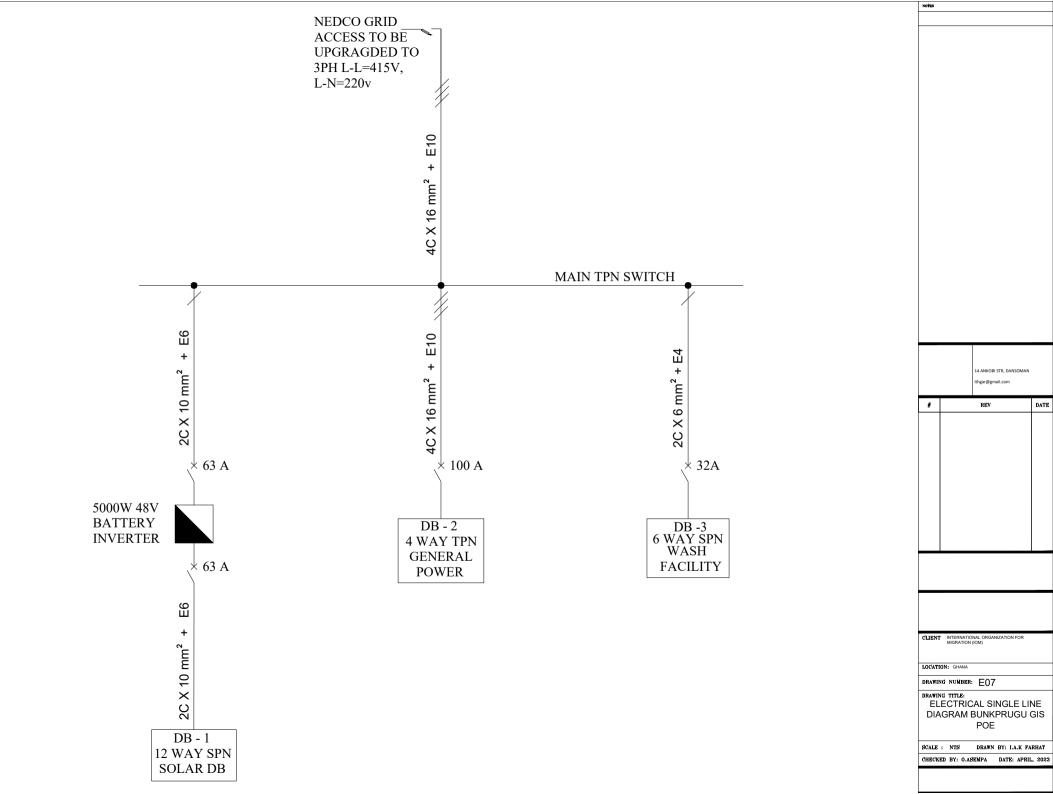
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+ 100 A, 3P MCB	RATING-A 20 16 25 20 MCB NO. 1 2 3 4 1 2 3 <t< td=""><td>3 X 1C X 25MM SQ PVC INS. CU. CABLE A1-0.1.C'S OFFICE AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A2-SERVER ROOM AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A2-SERVER ROOM AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A3-1T AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A3-1T AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A3-1T AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A6-CORRIDOR AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A6-CORRIDOR AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A6-CORRIDOR AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A9-2 LC'S OFFICE AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE P1-CIRCULATION PUMP 3 X 1C X 25MM SQ PVC INS. CU. CABLE P1-CIRCULATION PUMP 3 X 1C X 25MM SQ PVC INS. CU. CABLE P1-CIRCULATION PUMP 3 X 1C X 25MM SQ PVC INS. CU. CABLE P1-CIRCULATION PUMP</td></t<>	3 X 1C X 25MM SQ PVC INS. CU. CABLE A1-0.1.C'S OFFICE AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A2-SERVER ROOM AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A2-SERVER ROOM AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A3-1T AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A3-1T AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A3-1T AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A6-CORRIDOR AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A6-CORRIDOR AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A6-CORRIDOR AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE A9-2 LC'S OFFICE AC 3 X 1C X 25MM SQ PVC INS. CU. CABLE P1-CIRCULATION PUMP 3 X 1C X 25MM SQ PVC INS. CU. CABLE P1-CIRCULATION PUMP 3 X 1C X 25MM SQ PVC INS. CU. CABLE P1-CIRCULATION PUMP 3 X 1C X 25MM SQ PVC INS. CU. CABLE P1-CIRCULATION PUMP
X 32 A, SPN MCB	RATING-A 10 10 10 10 10 16 16 16 MCB NO. 1 2 3 4 5 6 7 8 PHASE.	3 X 1C X 1.5MM SQ PVC INS. CU. CABLE L1-MALE WC LIGHTING 3 X 1C X 1.5MM SQ PVC INS. CU. CABLE L2-FEMALE WC LIGHTING 3 X 1C X 1.5MM SQ PVC INS. CU. CABLE L2-FIEMALE WC LIGHTING 3 X 1C X 1.5MM SQ PVC INS. CU. CABLE L4-JANITOR LIGHTING 3 X 1C X 1.5MM SQ PVC INS. CU. CABLE L4-JANITOR LIGHTING 3 X 1C X 1.5MM SQ PVC INS. CU. CABLE L4-JANITOR LIGHTING 3 X 1C X 1.5MM SQ PVC INS. CU. CABLE L5-EXTERNAL LIGHTS 3 X 1C X 2.5MM SQ PVC INS. CU. CABLE S1-JANITOR SOCKETS 3 X 1C X 2.5MM SQ PVC INS. CU. CABLE S1-JANITOR SOCKETS SPARE SPARE
CLIENT INTERNATIONAL ORGANIZATION FOR MIGRATION (IOM)		NYRB



LEGEND

SYMBOL	DESIGNATION
	SMOKE DETECTOR CABLING
SD	SMOKE DETECTOR
FAB	FIRE ALARM BOX @1600 AFFL
<u> </u>	CARBON DIOXIDE FIRE EXTINGUISHER
	DRY POWDER FIRE EXTINGUISHER
F	BREAK GLASS
	FIRE ALARM
ACL	ABOVE CEILING LEVEL





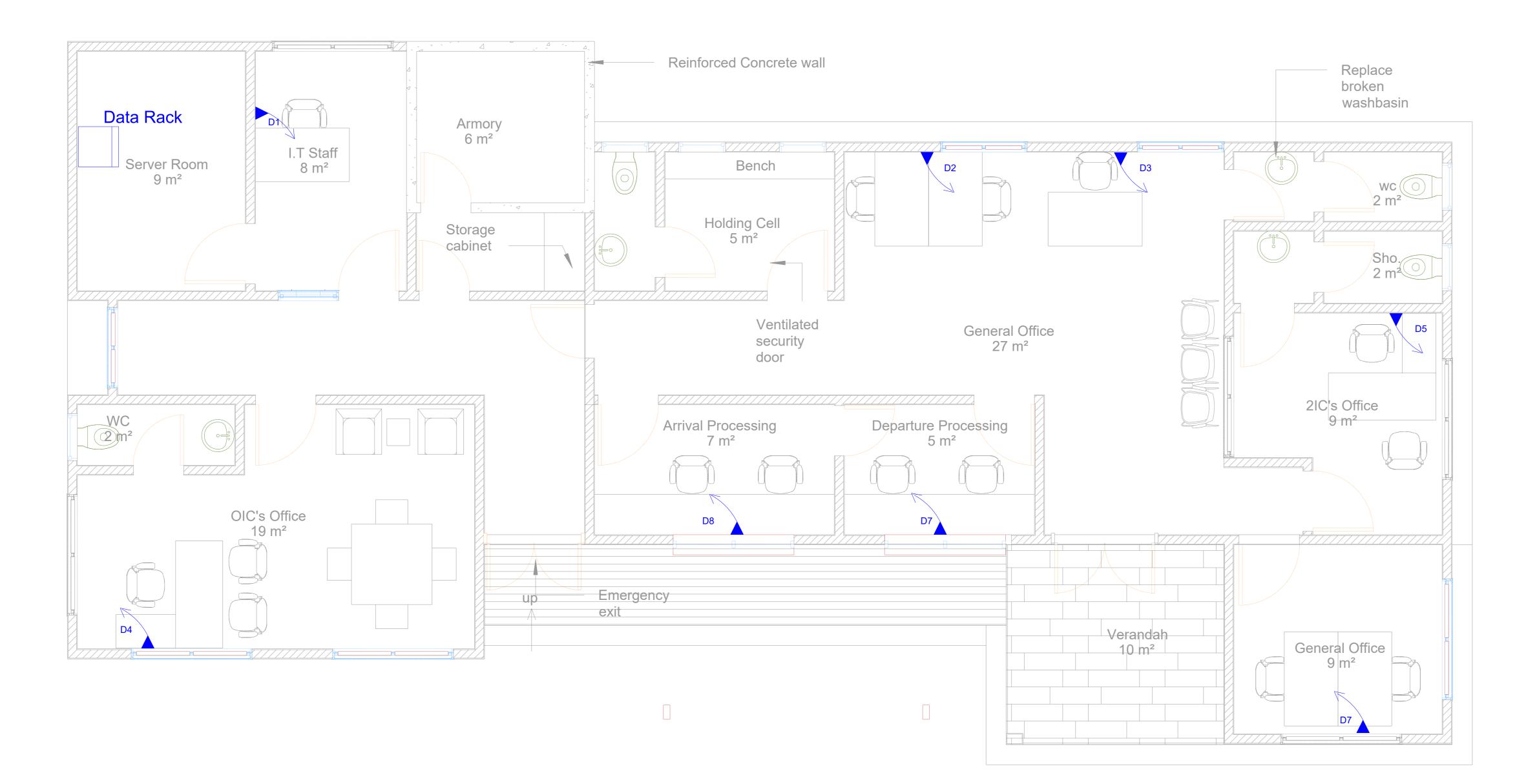
Tel: +233 242 035 872 e-mail: info@terraformstudio.net

PROJECT: PROPOSED WATER, SANITATION AND HYGEINE (WASH) FACILITY AND RENOVATION OF EXISTING BORDER POST

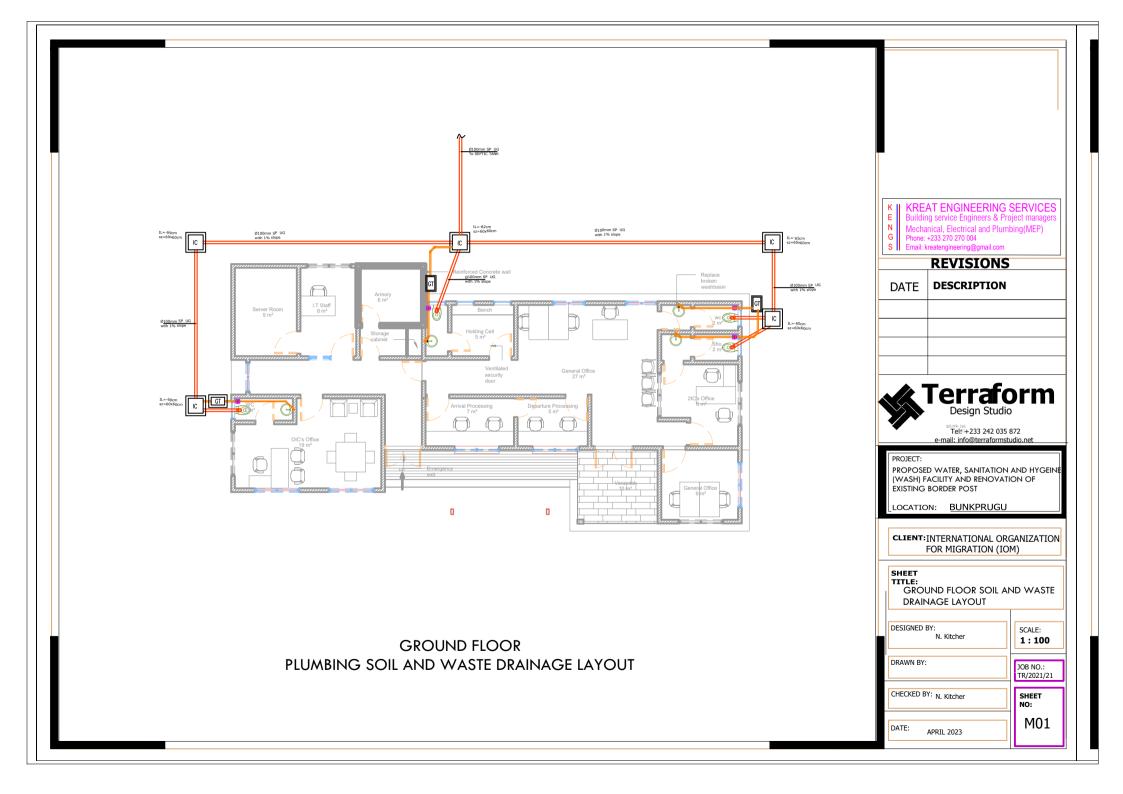
LOCATION: BUNKPRUGU

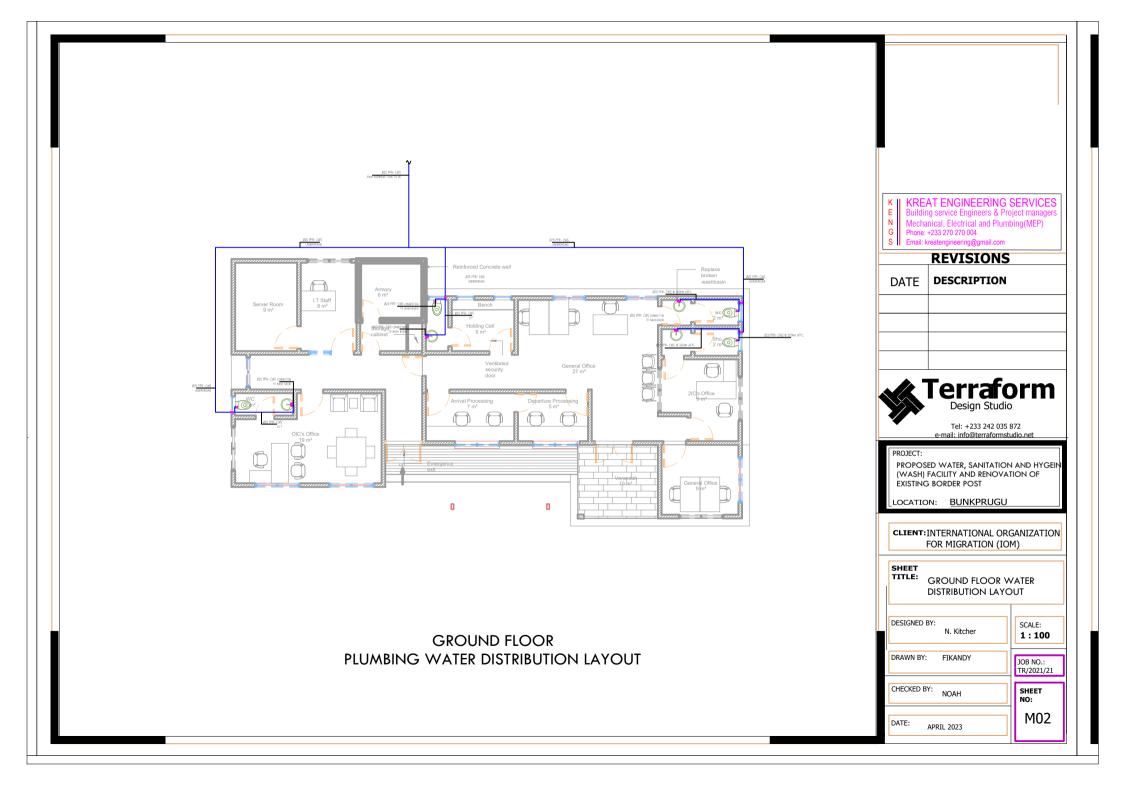
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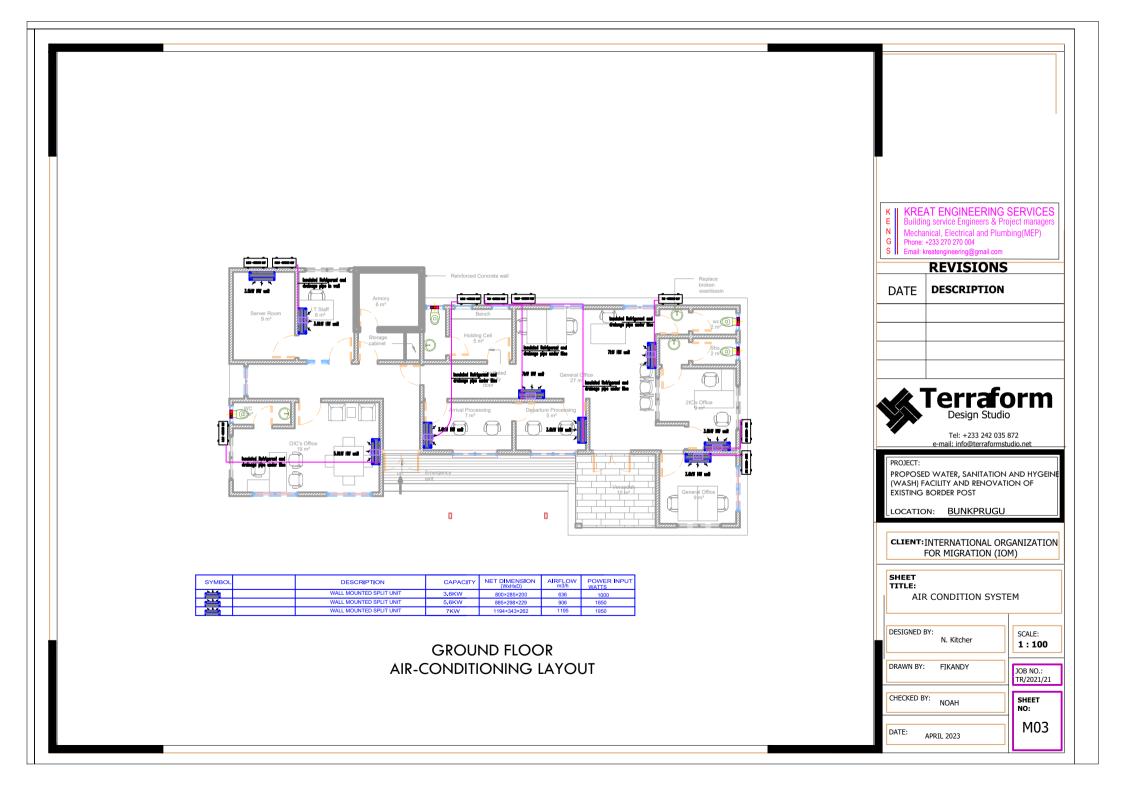
SHEET TITLE: GROUND FLOOR (SAFETY SYS	
DESIGNED BY: N. Kitcher	SCALE: 1 : 100
DRAWN BY: N. Kitcher	JOB NO.:
CHECKED BY: N. Kitcher	SHEET NO:
DATE: APRIL 2023	ES01



LEGEND SYMBOL DESIGNATION	
SYMBOL DESIGNATION DATA RACK DOUBLE DATA OUTLET	
K KREAT ENGINEERING E Building service Engineers & P N Mechanical, Electrical and Plur G Phone: +233 270 270 004 S Email: kreatengineering@gmail.com REVISIONS	roject managers nbing(MEP)
DATE DESCRIPTION	
PROJECT: PROPOSED WATER, SANITATION (WASH) FACILITY AND RENOVA EXISTING BORDER POST	iO 5 872 Studio.net
LOCATION: BUNKPRUG	J
CLIENT: INTERNATIONAL O FOR MIGRATION (I	
SHEET TITLE: GROUND FLOOR DATA INSTALLA	
DESIGNED BY: N. Kitcher	SCALE: 1 : 100
DRAWN BY: N. Kitcher	
	JOB NO.:
CHECKED BY: N. Kitcher	







	LEGEND
SYMBOL	DESIGNATION
	COLD WATER PIPE LINE
×	VALVE
CWS	COLD WATER SUPPLY
IL	INVERT LEVEL
CL	FROM CEILING LEVEL
AFFL	ABOVE FINISH FLOOR LEVE
8	URINAL VALVE
Ø	ANGLE VALVE
ß	STRAIGHT TEE
G Phone:- Email: k PROJECT: COI LOCATION CLIENT: INTI SHEET TITLE: DESIGNED E	ERNATIONAL ORGANIZATION FOR MIGRATION (IOM) WASH BUILDING WATER DISTRIBUTION LAYOUT

	SYMBOL UG S VP	LEGEND DESIGNATION WASTE WATER PIPE VENT PIPE SOIL WASTE PIPE UNDER GROUND SLOPE VENT PIPE INSPECTION CHAMBER FLOOR CLEAN OUT FLOOR DRAIN WASTE WATER PIPE
Image: Wind Participation Control Con	E Building Mechanit Mechanit G Prone:-2 PROJECT: CON: LOCATION: A LOCATION: CLIENT: SHEET WAS DESIGNED BY DRAWN BY: CHECKED BY: CHECKED BY:	FIKANDY JOB NO.:

