



HDH.MAKUNUDHOO HEALTH CENTER

DETAIL DRAWINGS
Client: Ministry of Health



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TABLE OF CONTENTS

DRAWING No.	TITLE	REVISION No.	DATE	REMARKS
A R C H I T E C T U R A L				
A - 01 /26	SITE PLAN	---	---	---
A - 02 /26	GROUND FLOOR PLAN	---	---	---
A - 03 /26	FIRST FLOOR PLAN	---	---	---
A - 04 /26	TERRACE FLOOR PLAN	---	---	---
A - 05 /26	ROOF PLAN	---	---	---
A - 06 /26	ELEVATION E1 , ELEVATION E2	---	---	---
A - 07 /26	SECTION X-X	---	---	---
A - 08 /26	DOOR & WINDOW SCHEDULE - 1	---	---	---
A - 09 /26	DOOR & WINDOW SCHEDULE - 2	---	---	---
A - 10 /26	DOOR & WINDOW SCHEDULE - 3	---	---	---
A - 11 /26	DOOR & WINDOW SCHEDULE - 4	---	---	---
A - 12 /26	MAIN STAIRCASE DETAILS	---	---	---
A - 13 /26	STAFF STAIRCASE DETAILS , ACCOMMODATION BLOCK STAIRCASE DETAILS	---	---	---
A - 14 /26	FIXED GLASS , BALCONY RAILINGS , WALL DETAILS	---	---	---
A - 15 /26	FLOOR FINISHES PLAN	---	---	---
A - 16 /26	FLOOR FINISHES PLAN	---	---	---
A - 17 /26	FLOOR FINISHES PLAN	---	---	---
A - 18 /26	REFLECTED CEILING PLAN	---	---	---
A - 19 /26	REFLECTED CEILING PLAN	---	---	---
A - 20 /26	REFLECTED CEILING PLAN	---	---	---
A - 21 /26	WALL FINISHES PLAN	---	---	---
A - 22 /26	WALL FINISHES PLAN	---	---	---
A - 23 /26	WALL FINISHES PLAN	---	---	---
A - 24 /26	WALL FINISHES PLAN	---	---	---
A - 25 /26	RECEPTION TABLE DETAILS	---	---	---
A - 26 /26	TYPICAL NURSE STATION TABLE DETAILS	---	---	---
S T R U C T U R A L				
S - 01 /16	GENERAL NOTES	---	---	---
S - 02 /16	GENERAL NOTES	---	---	---
S - 03 /16	FOUNDATION PLAN	---	---	---
S - 04 /16	GROUND FLOOR COLUMN PLAN	---	---	---
S - 05 /16	FIRST FLOOR COLUMN PLAN	---	---	---
S - 06 /16	TERRACE FLOOR COLUMN PLAN	---	---	---
S - 07 /16	FIRST FLOOR BEAM PLAN	---	---	---
S - 08 /16	TERRACE FLOOR BEAM PLAN	---	---	---
S - 09 /16	ROOF BEAM PLAN	---	---	---
S - 10 /16	FIRST FLOOR SLAB REINFORCEMENT PLAN	---	---	---
S - 11 /16	TERRACE FLOOR SLAB REINFORCEMENT PLAN	---	---	---
S - 12 /16	ROOF SLAB REINFORCEMENT PLAN	---	---	---
S - 13 /16	STRUCTURAL DETAILS - 1	---	---	---
S - 14 /16	STRUCTURAL DETAILS - 2	---	---	---
S - 15 /16	TRUSS DETAILS	---	---	---
S - 16 /16	RAMP DETAILS , SERVICES CORRIDOR ROOFING DETAILS	---	---	---

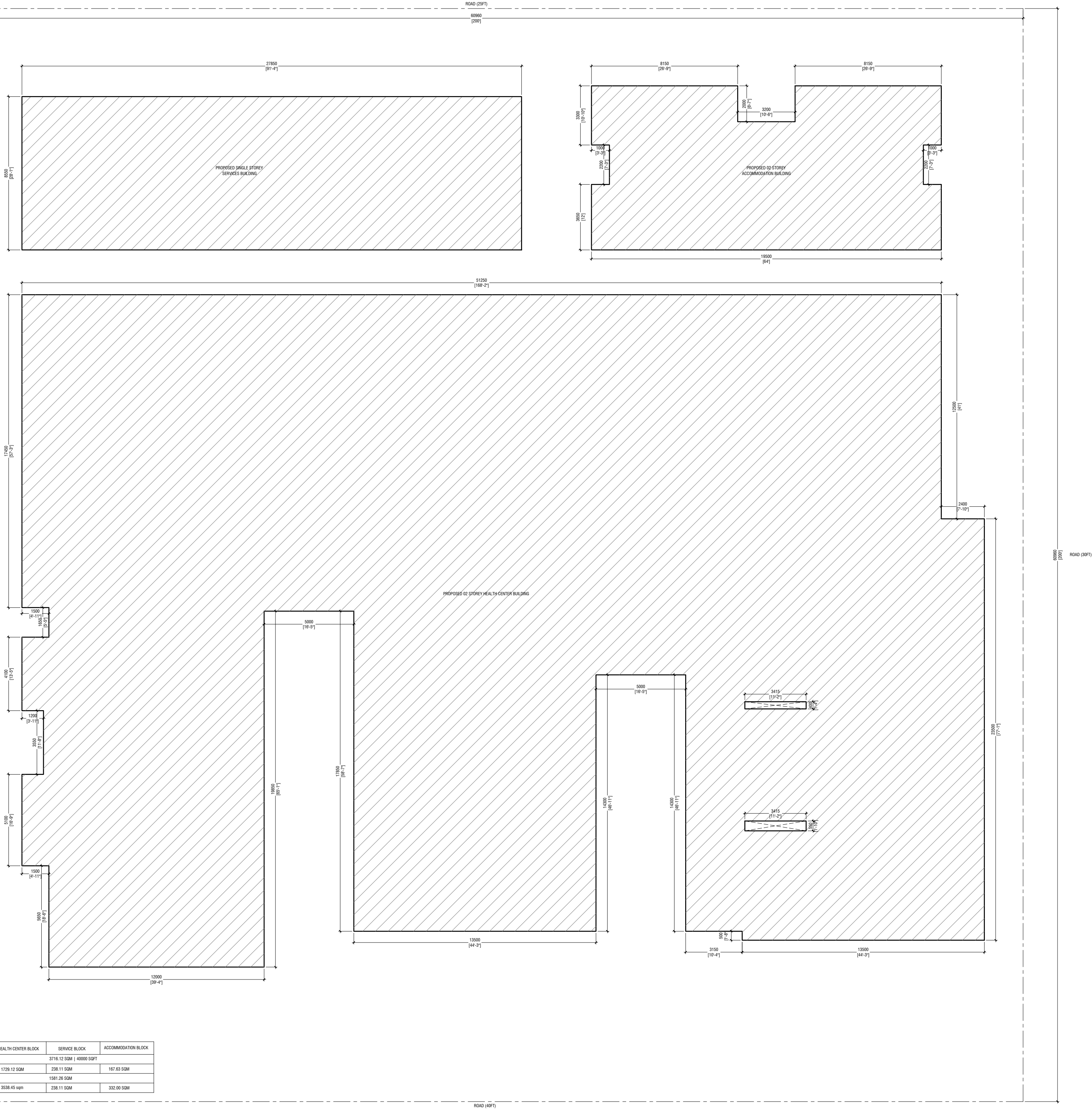


SITE PLAN

SCALE 1:150



	HEALTH CENTER BLOCK	SERVICE BLOCK	ACCOMMODATION BLOCK
PLOT AREA	3716.12 SQM 40000 SQFT		
FOOTPRINT AREA	1729.12 SQM	238.11 SQM	167.63 SQM
OPEN AREA	1581.26 SQM		
TOTAL BUILT UP AREA	3538.45 sqm	238.11 SQM	332.00 SQM



HDh. Makunudhoo Health Center
Client: Ministry of Health



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Title: Site Plan

Page: A-01/24

Rev no	Date
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Project Number: 02/12/MCH - HDHM
Date: March 2022
Architect : Razana Amir
Engineer : Zinaam Hassan Yousuf
Drawn by : Razana Amir
Scale : 1:150
Interior : -

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NOTES:

150mm THICK SOLID BLOCK
MASONARY WALL WITH 20mm
EXTERIOR PLASTERING WATER-PROOF
WITH PLASTOCRETE & 16mm
INTERIOR PLASTERING, BOTH GROUND
SMOOTH IN MATTE EMULSION PAINT
FINISH UPTO BEAM/SLAB

100mm THICK SOLID BLOCK
MASONARY WALL WITH 16mm
PLASTERING WATER-PROOF WITH
PLASTOCRETE, GROUND SMOOTH IN
MATTE EMULSION PAINT FINISH UPTO
BEAM/SLAB

100mm THICK DRY WALL PANELS ON
STEEL FRAME WITH PUTTY LAYER AND
IN MATTE EMULSION PAINT FINISH.

150mm THICK 2000mm HIGH SOLID
BLOCK MASONARY WALL WITH 16mm
PLASTERING WATER-PROOF WITH
PLASTOCRETE, GROUND SMOOTH IN
MATTE EMULSION PAINT FINISH.

35mm THICK 2400mm HIGH PLYWOOD
PARTITION WITH HIGH PRESSURE
LAMINATED FINISH WITH EDGING

12mm THICK TEMPERED GLASS
PARTITION ON SS 'U' CHANNEL UPTO
2950mm

200mm THICK X-RAY ROOM RC WALL
WITH LEAD SHIELD BY SUPPLIER

HdH. Makunudhoo Health Center
Client: Ministry of Health

Project Number: 03/12/2024 - HDH/MH
Date: March 2024
Architect: Hazama Amir
Engineer: Zinaam Hassan Yousof
Drawn by: Razana Amir
Checked by: Razana Amir
Interior: -



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Title: Ground Floor Plan

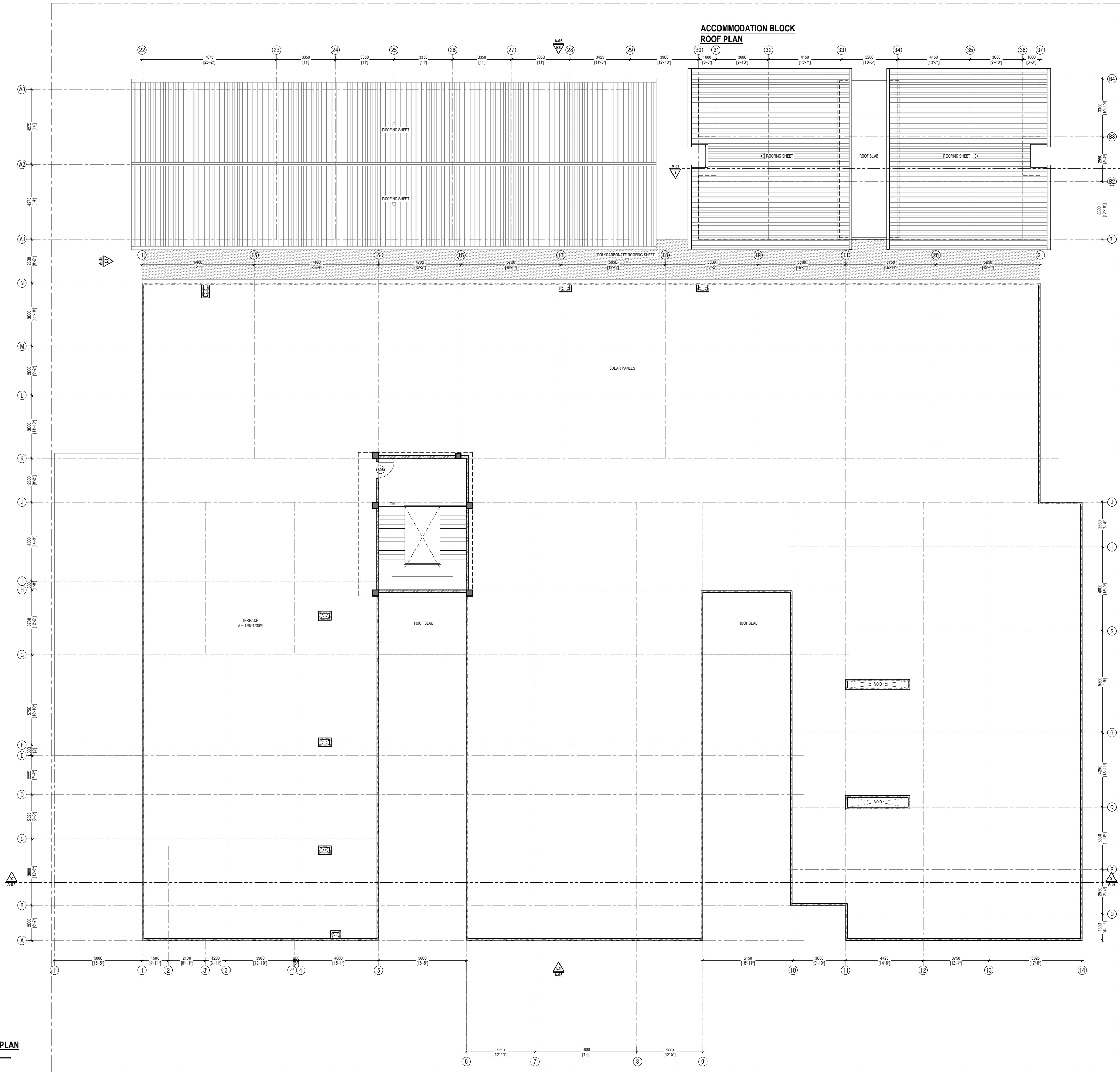
Page: A-02/24

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NOTES:

- 150mm THICK SOLID BLOCK
MASONRY WALL WITH 20mm
EXTERIOR PLASTERING WATER-PROOF
WITH PLASTOCRETE & 16mm
INTERIOR PLASTERING, BOTH GROUND
SMOOTH IN MATTE EMULSION PAINT
FINISH UPTO BEAM/SLAB
- 100mm THICK SOLID BLOCK
MASONRY WALL WITH 16mm
PLASTERING WATER-PROOF WITH
PLASTOCRETE, GROUND SMOOTH IN
MATTE EMULSION PAINT FINISH UPTO
BEAM/SLAB
- 100mm THICK DRY WALL PANELS ON
STEEL FRAME WITH PUTTY LAYER AND
IN MATTE EMULSION PAINT FINISH.
- 100mm THICK 1200mm HIGH SOLID
BLOCK MASONRY WALL WITH 16mm
PLASTERING WATER-PROOF WITH
PLASTOCRETE, GROUND SMOOTH IN
MATTE EMULSION PAINT FINISH.
- 35mm THICK 2400mm HIGH PLYWOOD
PARTITION WITH HIGH PRESSURE
LAMINATED FINISH WITH EDGING
- 12mm THICK TEMPERED GLASS
PARTITION ON SS 'U' CHANNEL UPTO
2950mm

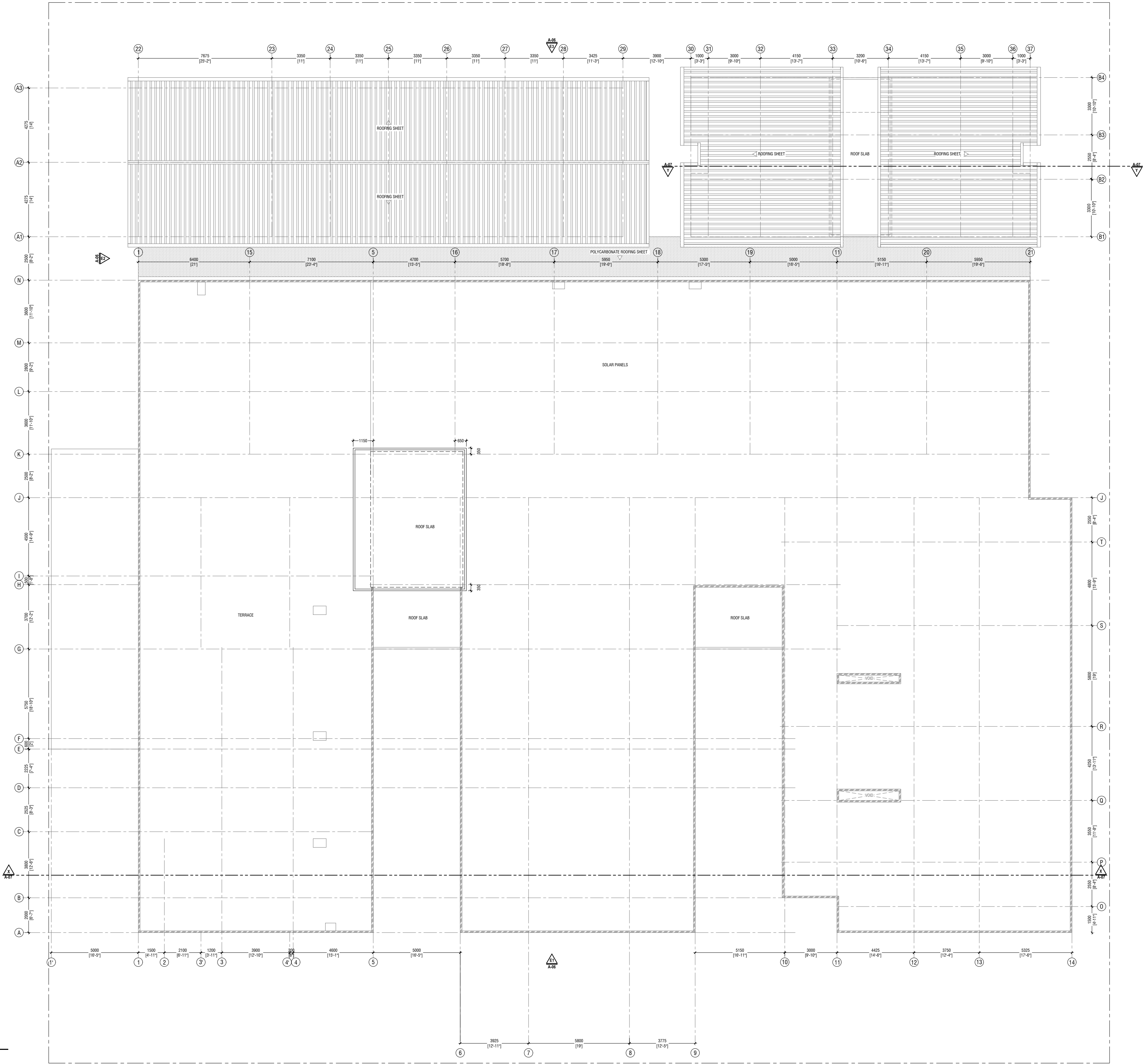


NOTES:

- 150mm THICK SOLID BLOCK
MASONRY WALL WITH 20mm
EXTERIOR PLASTERING WATER-PROOF
WITH PLASTOCRETE & 16mm
INTERIOR PLASTERING, BOTH GROUND
SMOOTH IN MATTE EMULSION PAINT
FINISH UPTO BEAM/SLAB
- 100mm THICK SOLID BLOCK
MASONRY WALL WITH 16mm
PLASTERING WATER-PROOF WITH
PLASTOCRETE, GROUND SMOOTH IN
MATTE EMULSION PAINT FINISH UPTO
BEAM/SLAB
- 100mm THICK DRY WALL PANELS ON
STEEL FRAME WITH PUTTY LAYER AND
IN MATTE EMULSION PAINT FINISH.
- 100mm THICK 1200mm HIGH SOLID
BLOCK MASONARY WALL WITH 16mm
PLASTERING WATER-PROOF WITH
PLASTOCRETE, GROUND SMOOTH IN
MATTE EMULSION PAINT FINISH.

HC ROOF PLAN

SCALE 1:150



HDh. Makunudhoo Health Center
Client: Ministry of Health

Rev no	Date
1	12/11/2022
2	12/11/2022
3	12/11/2022
4	12/11/2022
5	12/11/2022
6	12/11/2022
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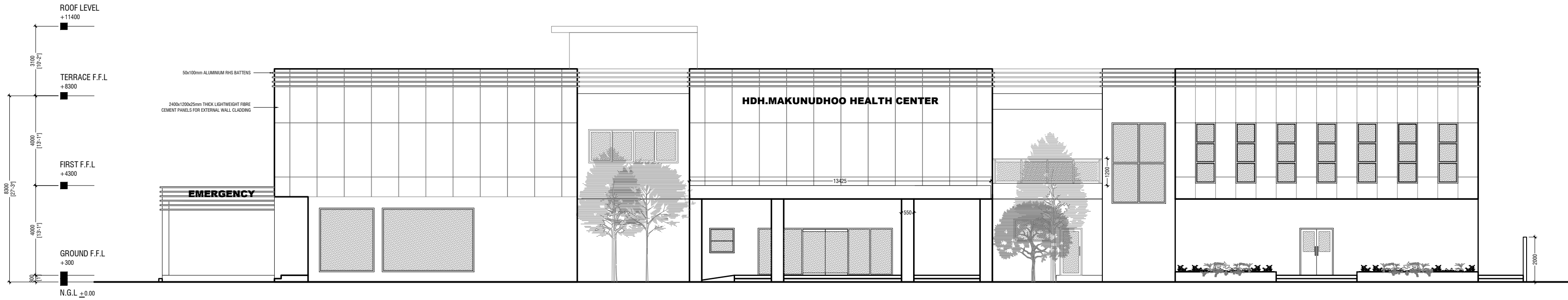
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Title: Roof Plan

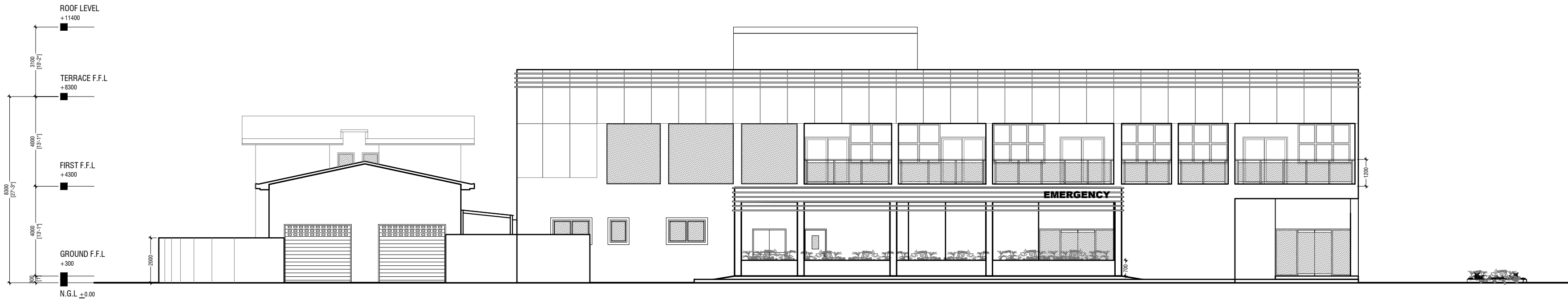
Page: A-05/24

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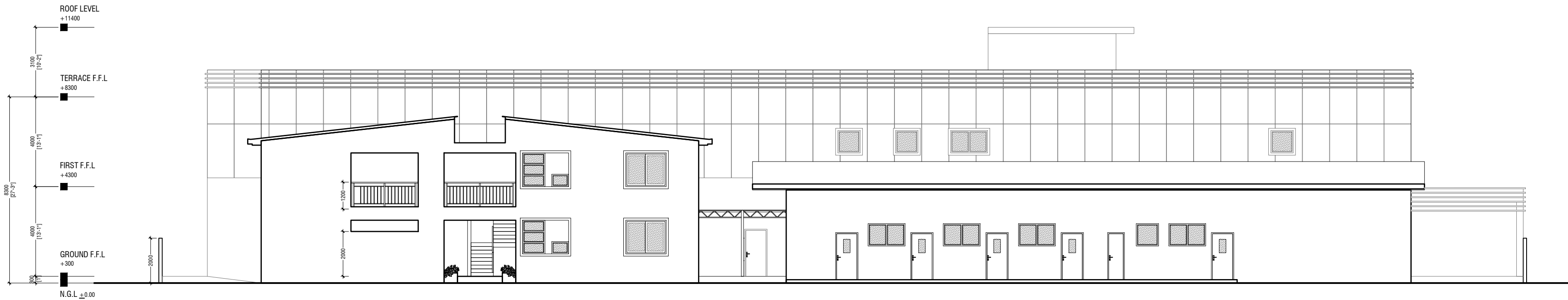
ELEVATION E1

SCALE 1:150



ELEVATION E2

SCALE 1:150



ELEVATION E3

SCALE 1:150

HDh. Makunudhoo Health Center
Client: Ministry of Health

Rev no	Date
1	2022
2	2022
3	2022
4	2022
5	2022
6	2022
7	2022
8	2022
9	2022
10	2022



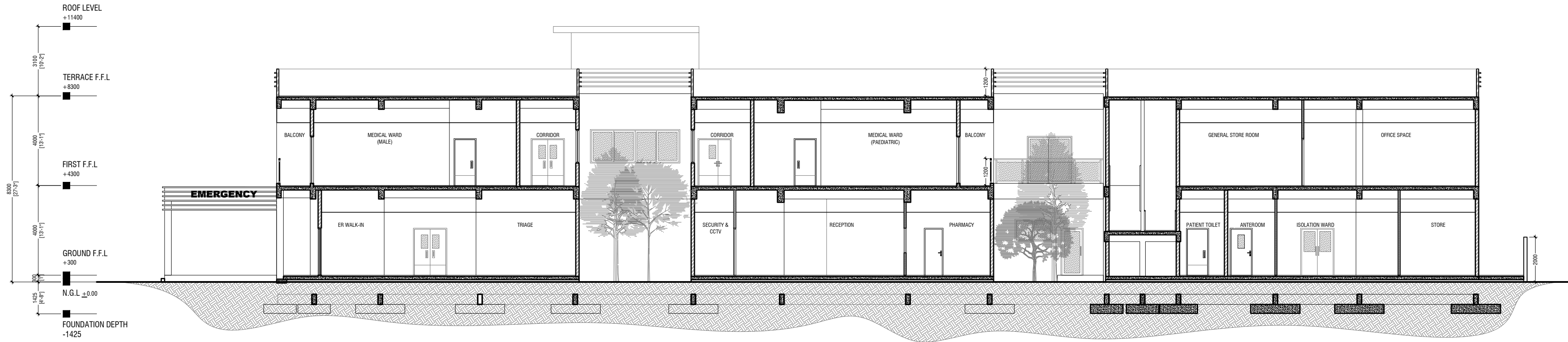
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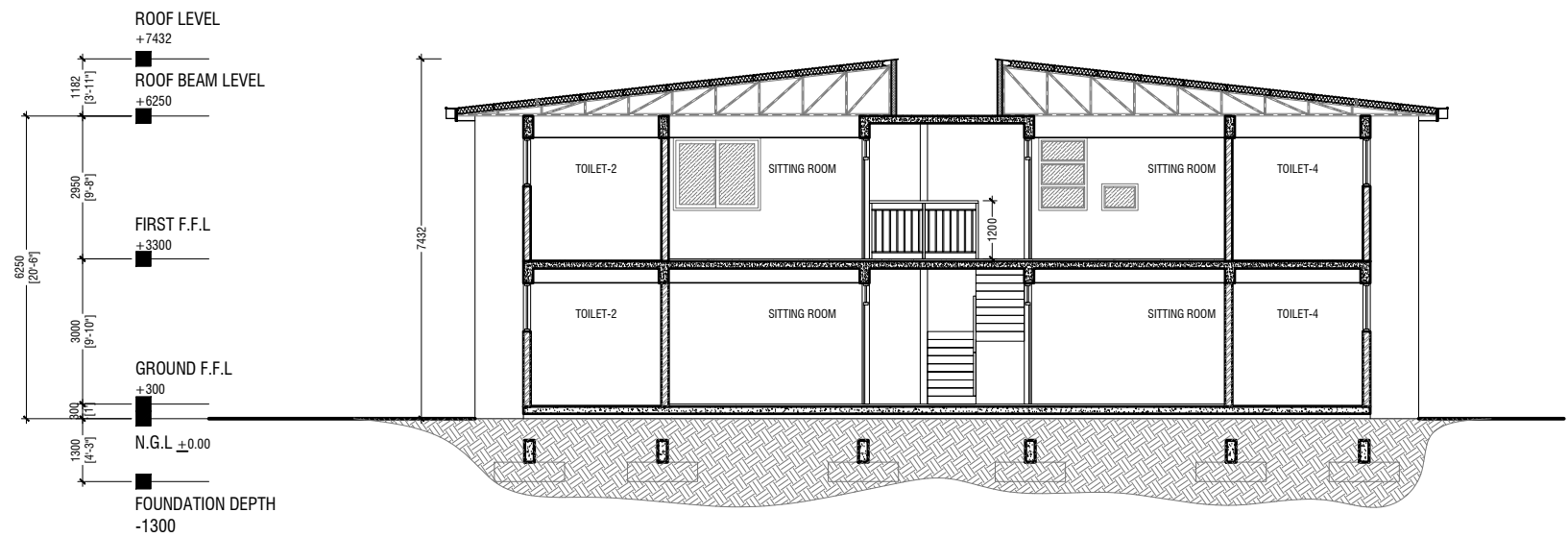
Title: Elevation E1, E2 & E3

Page: A-06/24

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SECTION X-X
SCALE 1:150



SECTION Y-Y
SCALE 1:150

HDh. Makunudhoo Health Center

Client: Ministry of Health

Rev no	Date
1	01/01/2024
2	01/01/2024
3	01/01/2024
4	01/01/2024
5	01/01/2024
6	01/01/2024
7	01/01/2024
8	01/01/2024
9	01/01/2024
10	01/01/2024



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Title: Section X-X
Section Y-Y

Page: A-07/24

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ELEMENT ID	TD1 - SOLID TIMBER DOOR WITH VIEW PANEL (DOUBLE SWING)	TD2 - SOLID TIMBER DOOR (DOUBLE SWING)	TD3 - SOLID TIMBER DOOR WITH VIEW PANEL (DOUBLE SWING)	TD4 - SOLID TIMBER DOOR (DOUBLE SWING)	TD5 - SOLID TIMBER DOOR WITH VIEW PANEL (SINGLE SWING)	TD6 - SOLID TIMBER DOOR WITH VIEW PANEL (SINGLE SWING)	TD7 - SOLID TIMBER DOOR WITH VIEW PANEL (SINGLE SWING)	TD8 - SOLID TIMBER DOOR (SINGLE SWING)
QUANTITY	06	01	08	02	53	02	09	34
W x H SIZE	1500 x 2100	1500 x 2100	1500 x 2100	1500 x 2100	1000 x 2100	1000 x 2100	1000 x 2100	1000 x 2100
SILL HEIGHT	00	00	00	00	00	00	00	00
LINTEL HEIGHT	2100	2100	2100	2100	2100	2100	2100	2100
2D SYMBOL								
ELEVATION								
FIRE RESISTANCE RATING	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES
LOCATION	MAIN ENTRANCES	CONFERENCE ROOM	PROCEDURE ROOMS	PRIVATE ROOMS & SUITES	TREATMENT ROOM, UTILITY & SERVICES ROOMS	STERILE PREP & SCRUB	DIRTY UTILITY	CONSULTATION ROOMS, STAFF LOUNGE & ROOMS
AREA	2.87 SQM	2.87 SQM	2.87 SQM	2.87 SQM	1.845 SQM	1.845 SQM	1.845 SQM	1.845 SQM
REMARKS	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 32mm THICK SOLID TIMBER DOOR PANEL WITH PVC VENEER SHEET FACING. 6mm THICK TEMPERED CLEAR GLASS VIEW PANEL.	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 32mm THICK SOLID TIMBER DOOR PANEL WITH WOOD STAIN AND SEMI MATTE VARNISH	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 32mm THICK REBATED SOLID TIMBER DOOR PANEL WITH PVC VENEER SHEET FACING. 6mm THICK TEMPERED CLEAR GLASS VIEW PANEL.	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 32mm THICK REBATED SOLID TIMBER DOOR PANEL WITH WOOD STAIN AND SEMI MATTE VARNISH	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 32mm THICK SOLID TIMBER DOOR PANEL WITH PVC VENEER SHEET FACING. 6mm THICK TEMPERED CLEAR GLASS VIEW PANEL.	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 32mm THICK SOLID TIMBER DOOR PANEL WITH PVC VENEER SHEET FACING. 6mm THICK TEMPERED CLEAR GLASS VIEW PANEL.	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 32mm THICK SOLID TIMBER DOOR PANEL WITH PVC VENEER SHEET FACING. 6mm THICK TEMPERED CLEAR GLASS VIEW PANEL.	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 32mm THICK SOLID TIMBER DOOR PANEL WITH WOOD STAIN AND SEMI MATTE VARNISH
HARDWARE	HINGE : FLOOR HINGE WITH TOP & BOTTOM PIVOTS LOCKSET : EURO PROFILE DEAD LOCK WITH KEY & KEY CYLINDER & ESCUTCHEON, PULL HANDLES WITH PLATES. PUSH PLATES. DOOR STOPPER, KICK PLATES.	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (8pcs) LOCKSET : EURO PROFILE DEAD LOCK WITH TURN & KEY CYLINDER & ESCUTCHEON, DOOR HANDLE LEVER TYPE. DOOR CLOSER, DOOR STOPPER.	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (8pcs) LOCKSET : EURO PROFILE DEAD LOCK WITH TURN & KEY CYLINDER & ESCUTCHEON, DOOR HANDLE LEVER TYPE. DOOR CLOSER FOR BIGGER PANEL, DOOR STOPPER, KICK PLATES.	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (8pcs) LOCKSET : EURO PROFILE DEAD LOCK WITH TURN & KEY CYLINDER & ESCUTCHEON, DOOR HANDLE LEVER TYPE. DOOR CLOSER FOR BIGGER PANEL, DOOR STOPPER.	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (8pcs) LOCKSET : EURO PROFILE DEAD LOCK WITH TURN & KEY CYLINDER & ESCUTCHEON, DOOR HANDLE LEVER TYPE. DOOR CLOSER FOR BIGGER PANEL, DOOR STOPPER.	HINGE : FLOOR HINGE WITH TOP & BOTTOM PIVOTS PUSH PLATES, DOOR STOPPER.	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (4pcs) PUSH PLATES, DOOR CLOSER, DOOR STOPPER.	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (4pcs) LOCKSET : EURO PROFILE DEAD LOCK WITH TURN & KEY CYLINDER & ESCUTCHEON, DOOR HANDLE LEVER TYPE. DOOR CLOSER, DOOR STOPPER.

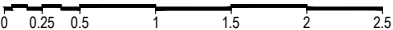
ELEMENT ID	TD9 - SOLID TIMBER DOOR (SINGLE SWING)	TD10 - SOLID TIMBER DOOR (SINGLE SWING) WITH TOP HUNG WINDOW	TD11 - SOLID TIMBER DOOR (SINGLE SWING)	TD12 - SOLID TIMBER DOOR (SINGLE SWING)	PD1 - MARINE PLYWOOD DOOR (SINGLE SWING)	PD2 - MARINE PLYWOOD DOOR (SINGLE SWING)	PD3 - PLYWOOD DOOR (SINGLE SWING)
QUANTITY	19	06	09	10	11	21	08
W x H SIZE	1000 x 2100	1000 x 2500	900 x 2100	850 x 2100	1000 x 2100	750 x 2100	750 x 2100
SILL HEIGHT	00	00	00	00	00	00	00
LINTEL HEIGHT	2100	2500	2100	2100	2100	2100	00
2D SYMBOL							
ELEVATION							
FIRE RESISTANCE RATING	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES
LOCATION	DISABLE TOILETS	APARTMENT ENTRANCE	BEDROOMS & ER CONSULTATION ROOM	BEDROOM TOILETS, CCTV & PHARMACY STORE	TOILETS, BABY ROOM, PRAYER ROOM & JANITORS ROOM	TOILETS, CLEANER CLOSET, ABLUTION	TOILET STALLS
AREA	1.845 SQM	2.16 SQM	1.64 SQM	1.54 SQM	1.845 SQM	1.33 SQM	1.575 SQM
REMARKS	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 32mm THICK SOLID TIMBER DOOR PANEL WITH WOOD STAIN AND SEMI MATTE VARNISH WATER RESISTANT	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 32mm THICK SOLID TIMBER DOOR PANEL WITH WOOD STAIN AND SEMI MATTE VARNISH AND TIMBER WINDOW PANEL WITH 6mm THICK REFLECTIVE GLASS	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 32mm THICK SOLID TIMBER DOOR PANEL WITH WOOD STAIN AND SEMI MATTE VARNISH	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 32mm THICK SOLID TIMBER DOOR PANEL WITH WOOD STAIN AND SEMI MATTE VARNISH WATER RESISTANT	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 40mm THICK MARINE PLYWOOD DOOR PANEL	FRAME:TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 40mm THICK MARINE PLYWOOD DOOR PANEL	PANEL: 35mm THICK PLYWOOD DOOR PANEL WITH HIGH PRESSURE LAMINATED FINISH
HARDWARE	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (4pcs) LOCKSET : EURO PROFILE DEAD LOCK WITH KEY & KEY CYLINDER & ESCUTCHEON, PULL HANDLES WITH PLATES. PUSH PLATES. DOOR STOPPER, KICK PLATES.	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (4pcs) LOCKSET : EURO PROFILE DEAD LOCK WITH TURN & KEY CYLINDER & ESCUTCHEON, DOOR HANDLE LEVER TYPE. DOOR CLOSER, DOOR STOPPER.	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (4pcs) LOCKSET : EURO PROFILE DEAD LOCK WITH TURN & KEY CYLINDER & ESCUTCHEON, DOOR HANDLE LEVER TYPE. DOOR CLOSER, DOOR STOPPER.	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (4pcs) LOCKSET : MORTISE LOCK , SS FINISH, DOOR HANDLE LEVER TYPE. DOOR CLOSER, DOOR STOPPER	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (4pcs) LOCKSET : MORTISE LOCK , SS FINISH, DOOR HANDLE LEVER TYPE. DOOR CLOSER, DOOR STOPPER	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (4pcs) LOCKSET : MORTISE LOCK , SS FINISH, DOOR HANDLE LEVER TYPE. DOOR CLOSER, DOOR STOPPER	HINGE : 4"x3"x3mm THK. BUTT HINGE, SS FINISH (4pcs) LOCKSET : MORTISE LOCK , SS FINISH, DOOR HANDLE LEVER TYPE. DOOR CLOSER, DOOR STOPPER

LEGEND:
MP - MARINE PLYWOOD
P - PLYWOOD
ST - SOLID TIMBER
LST - LEAD LINED SOLID TIMBER
SS - STAINLESS STEEL
AL - ALUMINIUM
TG - TEMPERED GLASS
CG - CLEAR GLASS
RG - REFLECTED GLASS
FG - FROSTED GLASS
PVC - POLYVINYL CHLORIDE

NOTE:-
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.
- FOR ALL DOOR & WINDOWS ON EXTERIOR FACADE SHALL BE DOUBLE GLAZED.

DOOR & WINDOW SCHEDULE - 1

SCALE 1:50



HDh. Makunudhoo Health Center
Client: Ministry of Health



Project Number: 697123MOH - HDHMF
Date: March 2023
Architect : Fazana Amir
Engineer : Zinaam Hassan Yousuf
Said
Drawn by : Razana Amir
Interior : -

Title: Door & Window
Schedule - 1

Page: A-08/24

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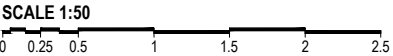
ELEMENT ID	THD1 - PREFABRICATED THEATRE DOOR WITH VIEW PANEL (DOUBLE SWING) BY SPECIALIZED THEATRE DOOR SUPPLIER	LD1 - LEAD LINED SOLID TIMBER DOOR WITH VIEW PANEL (DOUBLE SWING)	LD2 - LEAD LINED SOLID TIMBER DOOR WITH VIEW PANEL (SINGLE SWING)	FD1 - FIRE RATED DOOR (DOUBLE SWING)	FD2 - FIRE RATED DOOR (SINGLE SWING)	AD1 - ALUMINIUM DOOR WITH FIXED GLASS PANEL (DOUBLE SWING)	AD2 - ALUMINIUM DOOR (SINGLE SWING)	AD3 - ALUMINIUM DOOR (SINGLE SWING)
QUANTITY	01	01	01	02	03	14	12	02
W x H SIZE	1500 x 2100	1500 x 2100	1000 x 2100	1500 x 2100	1000 x 2100	1500 x 2100	1000 x 2100	1000 x 2100
SILL HEIGHT	00	00	00	00	00	00	00	00
LINTEL HEIGHT	2100	2100	2100	2100	2100	2100	2100	2100
2D SYMBOL								
ELEVATION								
FIRE RESISTANCE RATING	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES
LOCATION	TRAUMA THEATRE	X-RAY ROOM	X-RAY CHANGING ROOM	EMERGENCY EXIT	STAFF STAIRCASE	CORRIDOR, WARD ENTRANCE, LABORATORY & OFFICE	ISOLATION WARD, CSSD & OFFICE	FLU CLINIC & TERRACE
AREA	2.87 SQM	2.87 SQM	1.845 SQM	2.87 SQM	1.845 SQM	2.87 SQM	1.845 SQM	1.845 SQM
REMARKS	FRAME:ALUMINIUM SECTION FRAME & STAINLESS STEEL FINISH PANEL: STAINLESS STEEL WITH POLYSTYRENE (PS) INSULATION PANEL AND WATER RESISTANT PVC COATED SURFACE. 6MM THICK TEMPERED CLEAR GLASS VIEW PANEL.	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 38mm THICK (FINISH SIZE) REBATED SOLID TIMBER DOOR PANEL WITH PVC VENEER SHEET FACING. 6mm THICK TEMPERED CLEAR GLASS VIEW PANEL. LEAD GLASS THICKNESS TO COMPLY WITH LOCAL ATOMIC ENERGY AUTHORITY REQUIREMENT. PREFABRICATED LEAD DOOR BY LEAD DOOR SUPPLIERS TO COMPLY WITH ABOVE STANDARDS.	FRAME: TIMBER FRAME DEPTH TO BE WIDTH OF THE WALL PANEL: 38mm THICK (FINISH SIZE) SOLID TIMBER DOOR PANEL WITH PVC VENEER SHEET FACING. 6mm THICK TEMPERED CLEAR GLASS VIEW PANEL. LEAD GLASS THICKNESS TO COMPLY WITH LOCAL ATOMIC ENERGY AUTHORITY REQUIREMENT. PREFABRICATED LEAD DOOR BY LEAD DOOR SUPPLIERS TO COMPLY WITH ABOVE STANDARDS.	EMERGENCY EXIT METAL DOOR WITH PAINT GRADE PLY 2HR	EMERGENCY EXIT METAL DOOR WITH PAINT GRADE PLY 2HR	POWDER COATED (60 MICRONS) ALUMINIUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm CLEAR GLASS	POWDER COATED (60 MICRONS) ALUMINIUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm CLEAR GLASS	POWDER COATED (60 MICRONS) ALUMINIUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm CLEAR GLASS
HARDWARE	DOOR HINGES. LOCKSET : EURO PROFILE DEAD LOCK WITH KEY CYLINDER & ESCUTCHEON, PULL HANDLES WITH PLATES. PUSH PLATES.	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (8pcs) LOCKSET : EURO PROFILE DEAD LOCK WITH KEY CYLINDER & ESCUTCHEON, PULL HANDLES WITH PLATES. PUSH PLATES. DOOR CLOSER & CLOSING SEQUENCE SELECTORS, DOOR STOPPER, KICK PLATES.	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs) LOCKSET : EURO PROFILE DEAD LOCK WITH KEY CYLINDER & ESCUTCHEON, PULL HANDLES WITH PLATES. PUSH PLATES. DOOR CLOSER, DOOR STOPPER.	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (8pcs) METAL DOOR STRIKE, RIM LATCH TYPE PANIC EXIT DEVICE, DOOR CLOSER, DOOR STOPPER.	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs) METAL DOOR STRIKE, RIM LATCH TYPE PANIC EXIT DEVICE, DOOR CLOSER, DOOR STOPPER.	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (8pcs) LOCKSET : DEAD LOCK WITH KEY & KEY CYLINDER, PULL HANDLES. DOOR CLOSER, DOOR STOPPER.	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs) LOCKSET : DEAD LOCK WITH KEY & KEY CYLINDER, PULL HANDLES. DOOR CLOSER, DOOR STOPPER.	HINGE : 4"X3"X3mm THK. BUTT HINGE, SS FINISH (4pcs) LOCKSET : DEAD LOCK WITH KEY & KEY CYLINDER, PULL HANDLES. DOOR CLOSER, DOOR STOPPER.

ELEMENT ID	AD4 - ALUMINIUM DOOR WITH FIXED GLASS PANEL (DOUBLE SWING)	TG1 - SLIDING DOOR	TG2 - SLIDING DOOR & FIXED WINDOW PANEL	SD1 - SLIDING DOOR	SD2 - SLIDING DOOR
QUANTITY	01	01	02	07	03
W x H SIZE	2980 x 2100	2000 x 2100	3500 x 2100	2000 x 2100	1800 x 2100
SILL HEIGHT	00	00	00	00	00
LINTEL HEIGHT	2100	2100	2100	2200	2200
2D SYMBOL					
ELEVATION					
FIRE RESISTANCE RATING	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES
LOCATION	HDU/ICU	HOSPITAL ENTRANCE	HOSPITAL ENTRANCE	MEDICAL WARDS & PRIVATE ROOMS BALCONY	ACCOMMODATION BLOCK BALCONY & LAUNDRY
AREA	2.87 SQM	4.10 SQM	3.075 SQM	1.90 SQM	1.69 SQM
REMARKS	POWDER COATED (60 MICRONS) ALUMINIUM FRAME DEPTH TO BE WIDTH OF THE WALL WITH 6mm CLEAR GLASS	POWDER COATED (60 MICRONS) ALUMINIUM FRAME WITH 12mm THICK TEMPERED REFLECTED SLIDING DOOR	POWDER COATED (60 MICRONS) ALUMINIUM FRAME WITH 12mm THICK TEMPERED REFLECTED GLASS PANELS AND TEMPERED REFLECTED SLIDING DOOR	POWDER COATED (60 MICRONS) ALUMINIUM FRAME SLIDING DOORS WITH 12mm THICK REFLECTED GLASS PANELS	POWDER COATED (60 MICRONS) ALUMINIUM FRAME SLIDING DOORS WITH 12mm THICK REFLECTED GLASS PANELS
HARDWARE	HINGE : FLOOR HINGE WITH TOP & BOTTOM PIVOTS. PUSH PLATES. DOOR STOPPER.	AUTOMATED SLIDING DOOR SYSTEM FOR DOUBLE DOOR	AUTOMATED SLIDING DOOR SYSTEM FOR DOUBLE DOOR	DOOR TRACK, ROLLER SETS, SLIDING DOOR HOOK LOCK , FLUSH HANDLE	DOOR TRACK, ROLLER SETS, SLIDING DOOR HOOK LOCK , FLUSH HANDLE

LEGEND:
MP - MARINE PLYWOOD
P - PLYWOOD
ST - SOLID TIMBER
LST - LEAD LINED SOLID TIMBER
SS - STAINLESS STEEL
AL - ALUMINIUM
TG - TEMPERED GLASS
CG - CLEAR GLASS
RG - REFLECTED GLASS
FG - FROSTED GLASS
PVC - POLYVINYL CHLORIDE

NOTE:-
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.
- FOR ALL DOOR & WINDOWS ON EXTERIOR FACADE SHALL BE DOUBLE GLAZED.

DOOR & WINDOW SCHEDULE - 2



HDh. Makunudhoo Health Center
Client: Ministry of Health

Project Number: 69712MKCH - HDHM
Date: March 2022
Architect : Razana Amir
Engineer : Zinaam Hassan Yousuf
Drawn by : Razana Amir
Said
Interior : -



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Title: Door & Window
Schedule - 2

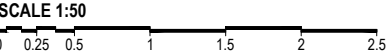
Page: A-09/24

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ELEMENT ID	V1 - TOP HUNG WINDOW	W1 - TOP HUNG WINDOW	W2 - TOP HUNG WINDOW	W3 - TOP HUNG WINDOW	W4 - TOP HUNG WINDOW	W5 - TOP HUNG WINDOW
QUANTITY	13	04	04	21	12	01
W x H SIZE	750 x 1000	750 x 550	1000 x 1500	1650 x 1000	1000 x 1000	3000 x 1300
SILL HEIGHT	1500	1000	1000	1500	1500	1200
LINTEL HEIGHT	2500	1550	2500	2500	2500	2500
2D SYMBOL						
ELEVATION						
FIRE RESISTANCE RATING	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES
LOCATION	APARTMENT & PUBLIC TOILETS	APARTMENT KITCHEN	APARTMENT DINING	SERVICES, STAFF PANTRY & PUBLIC TOILETS	STORES	CONFERENCE ROOM
AREA	0.585 SQM	0.29 SQM	1.17 SQM	1.35 SQM	0.81 SQM	3.30 SQM
REMARKS	POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH 6mm THICK FROSTED GLASS	POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH 6mm THICK REFLECTIVE GLASS	POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH 6mm THICK REFLECTIVE GLASS	POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH 6mm THICK REFLECTIVE GLASS	POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH 6mm THICK REFLECTIVE GLASS	POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH 6mm THICK REFLECTIVE GLASS
HARDWARE	FLUSH HANDLE	FLUSH HANDLE	FLUSH HANDLE	FLUSH HANDLE	FLUSH HANDLE	FLUSH HANDLE

ELEMENT ID	W6a - FIXED WINDOW	W6b - FIXED WINDOW	W6c - FIXED WINDOW	W6d - FIXED WINDOW
QUANTITY	01	01	01	01
W x H SIZE	2400 x 3600	3200 x VARIES	3200 x VARIES	3200 x VARIES
SILL HEIGHT	-800	-800	-800	-800
LINTEL HEIGHT	2800	2800	2800	2800
2D SYMBOL				
ELEVATION				
FIRE RESISTANCE RATING	20 MINUTES	20 MINUTES		
LOCATION	RAMP	RAMP		
AREA	- SQM	- SQM		
REMARKS	POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH 6mm THICK REFLECTIVE GLASS	POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH 6mm THICK REFLECTIVE GLASS		

DOOR & WINDOW SCHEDULE - 3



LEGEND:
MP - MARINE PLYWOOD
P - PLYWOOD
ST - SOLID TIMBER
LST - LEAD LINED SOLID TIMBER
SS - STAINLESS STEEL
AL - ALUMINIUM
TG - TEMPERED GLASS
CG - CLEAR GLASS
RG - REFLECTED GLASS
FG - FROSTED GLASS
PVC - POLYVINYL CHLORIDE

NOTE:-
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.
- FOR ALL DOOR & WINDOWS ON EXTERIOR FACADE SHALL BE DOUBLE GLAZED.

HDh. Makunudhoo Health Center
Client: Ministry of Health

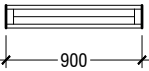

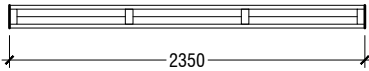
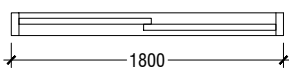
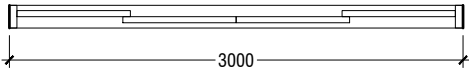
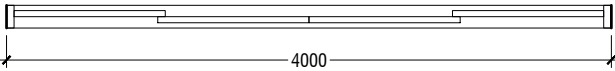
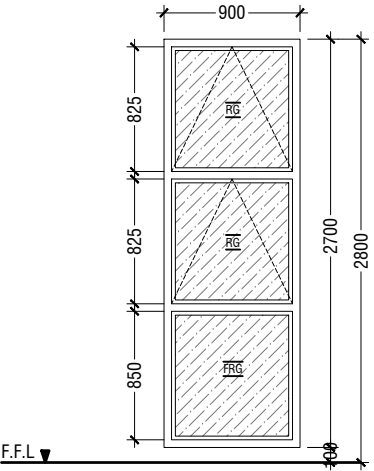
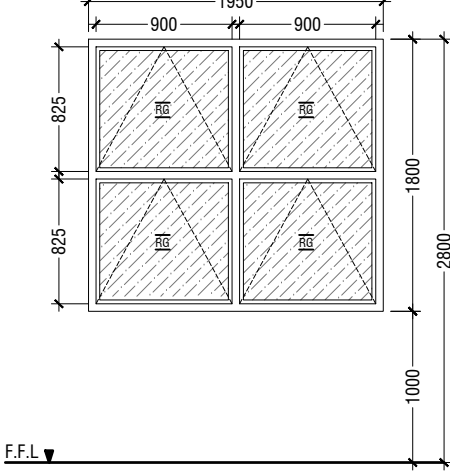
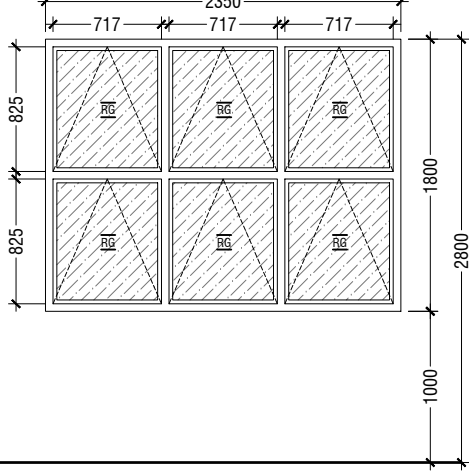
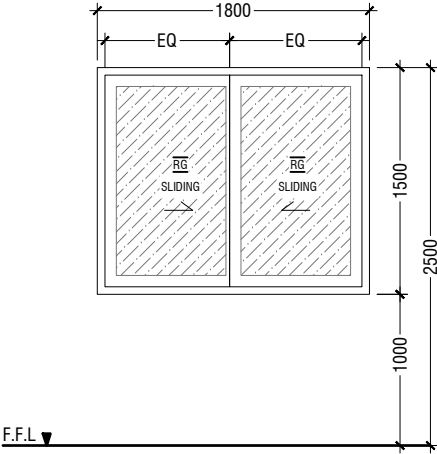
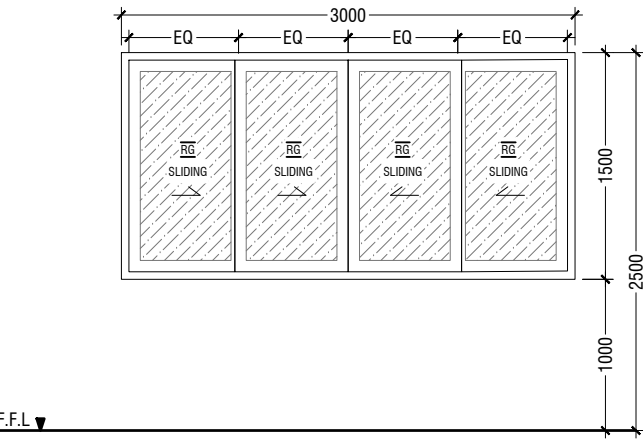
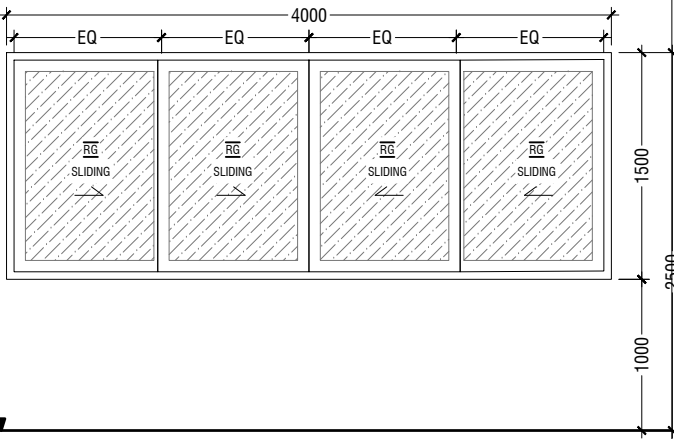
Project Number: 69712PMCH - HDHM
Date: March 2022
Architect: Razana Amir
Engineer: Zinaam Hassan Yousuf
Drawn by: Razana Amir
Scale: 1:50
Interior: -

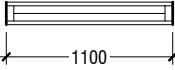
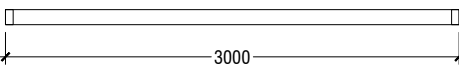
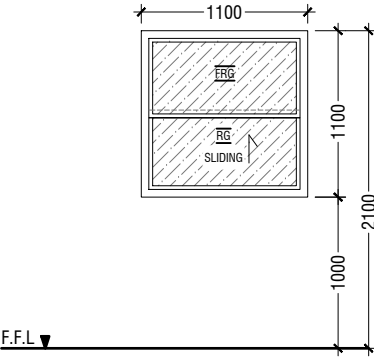
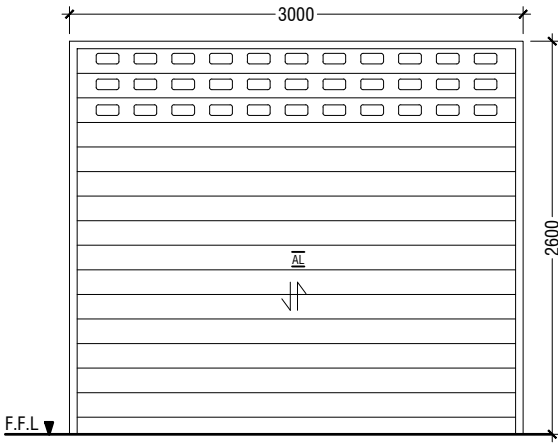


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3rd floor, H. Azam, Armeenemogga, Male'

Title: Door & Window
Schedule - 3
Page: A-10/24

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ELEMENT ID	W7 - TOP HUNG WINDOW & FIXED WINDOW PANEL	W8 - TOP HUNG WINDOW	W9 - TOP HUNG WINDOW	SW1 - SLIDING WINDOW	SW2 - SLIDING WINDOW	SW3 - SLIDING WINDOW
QUANTITY	09	02	08	10	04	01
W x H SIZE	900 x 2700	1950 x 1800	2350 x 1800	1800 x 1500	3000 x 1500	4000 x 1500
SILL HEIGHT	00	1000	1000	1000	1000	1000
LINTEL HEIGHT	2800	2800	2800	2500	2500	2500
2D SYMBOL						
ELEVATION						
FIRE RESISTANCE RATING	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES	20 MINUTES
LOCATION	OFFICE	PRIVATE ROOMS	MEDICAL WARDS	ACCOMMODATION BLOCK	MEDICAL WARDS	MEDICAL WARDS
AREA	1.32 SQM	2.97 SQM	3.54 SQM	1.15 SQM	1.96 SQM	2.66 SQM
REMARKS	POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH 6mm THICK REFLECTIVE GLASS	POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH 6mm THICK REFLECTIVE GLASS	POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH 6mm THICK REFLECTIVE GLASS	POWDER COATED (60 MICRONS) ALUMINUM FRAME SLIDING WINDOWS WITH 12mm THICK REFLECTED GLASS PANELS	POWDER COATED (60 MICRONS) ALUMINUM FRAME SLIDING WINDOWS WITH 12mm THICK REFLECTED GLASS PANELS	POWDER COATED (60 MICRONS) ALUMINUM FRAME SLIDING WINDOWS WITH 12mm THICK REFLECTED GLASS PANELS
HARDWARE	FLUSH HANDLE	FLUSH HANDLE	FLUSH HANDLE	SLIDING WINDOW HOOK LOCK , FLUSH HANDLE	SLIDING WINDOW HOOK LOCK , FLUSH HANDLE	SLIDING WINDOW HOOK LOCK , FLUSH HANDLE

ELEMENT ID	SW4 - SLIDING WINDOW	RS1 - ROLLER SHUTTER DOOR
QUANTITY	1	02
W x H SIZE	1100 x 1100	3000 x 2600
SILL HEIGHT	1000	00
LINTEL HEIGHT	2100	2600
2D SYMBOL		
ELEVATION		
FIRE RESISTANCE RATING	20 MINUTES	20 MINUTES
LOCATION	SECURITY	GARAGE
AREA	0.47 SQM	7.395 SQM
REMARKS	POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH 6mm THICK REFLECTIVE GLASS	POWDER COATED (60 MICRONS) ALUMINUM FRAME ROLLER SHUTTER DOOR WITH MECHANICAL OPENING SYSTEM
HARDWARE	SLIDING WINDOW HOOK LOCK , FLUSH HANDLE	MOTOR OPERATED. KEYED CYLINDER LOCK FROM BOTH SIDES OF CURTAIN WITH MOTOR INTERLOCK CUTOUT SWITCHES.

DOOR & WINDOW SCHEDULE - 4

SCALE 1:50



LEGEND:
MP - MARINE PLYWOOD
P - PLYWOOD
ST - SOLID TIMBER
LST - LEAD LINED SOLID TIMBER
SS - STAINLESS STEEL
AL - ALUMINIUM
TG - TEMPERED GLASS
CG - CLEAR GLASS
RG - REFLECTED GLASS
FG - FROSTED GLASS
PVC - POLYVINYL CHLORIDE

NOTE:-
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.
- FOR ALL DOOR & WINDOWS ON EXTERIOR FACADE SHALL BE DOUBLE GLAZED.

HDh. Makunudhoo Health Center
Client: Ministry of Health

Project Number: 69712/MOH - HDHM
Date: March 2022
Architect: Fazana Amir
Engineer: Zinaam Hassan Yousuf
Drawn by: Razana Amir
Scale: 1:50
Interior: -



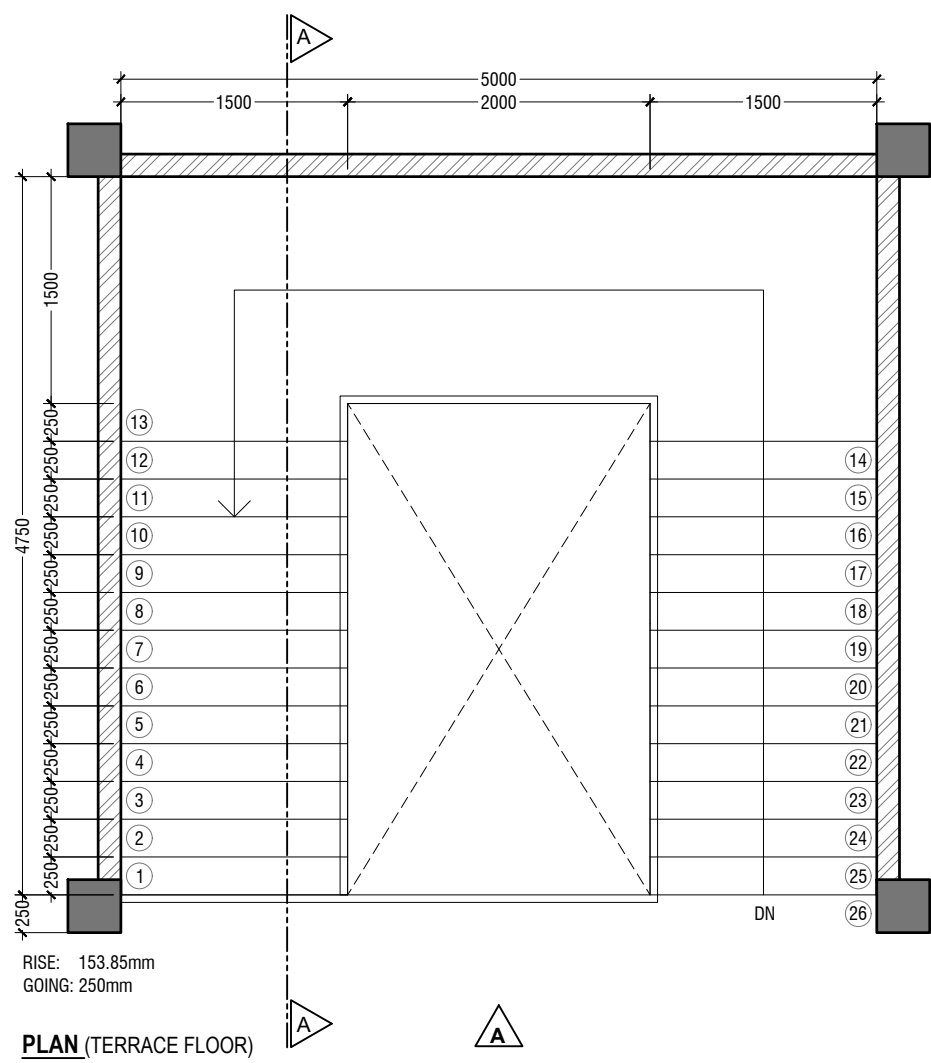
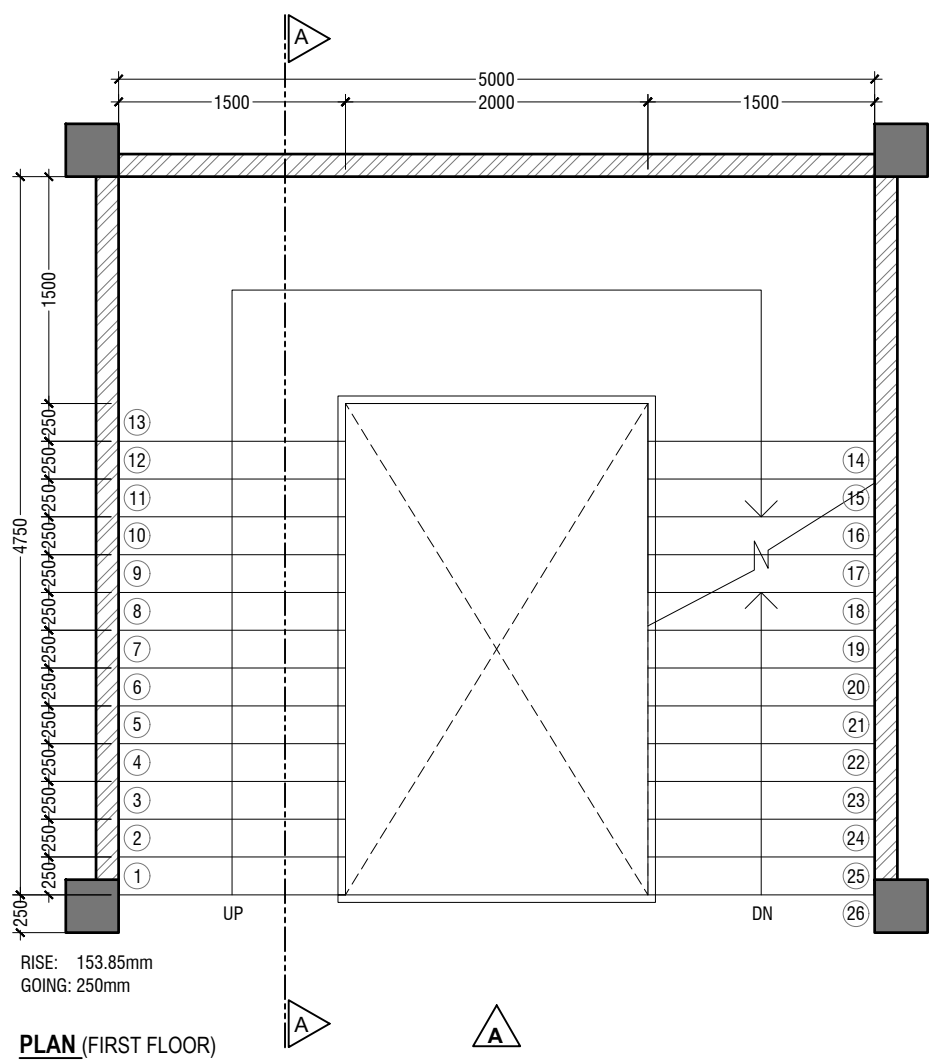
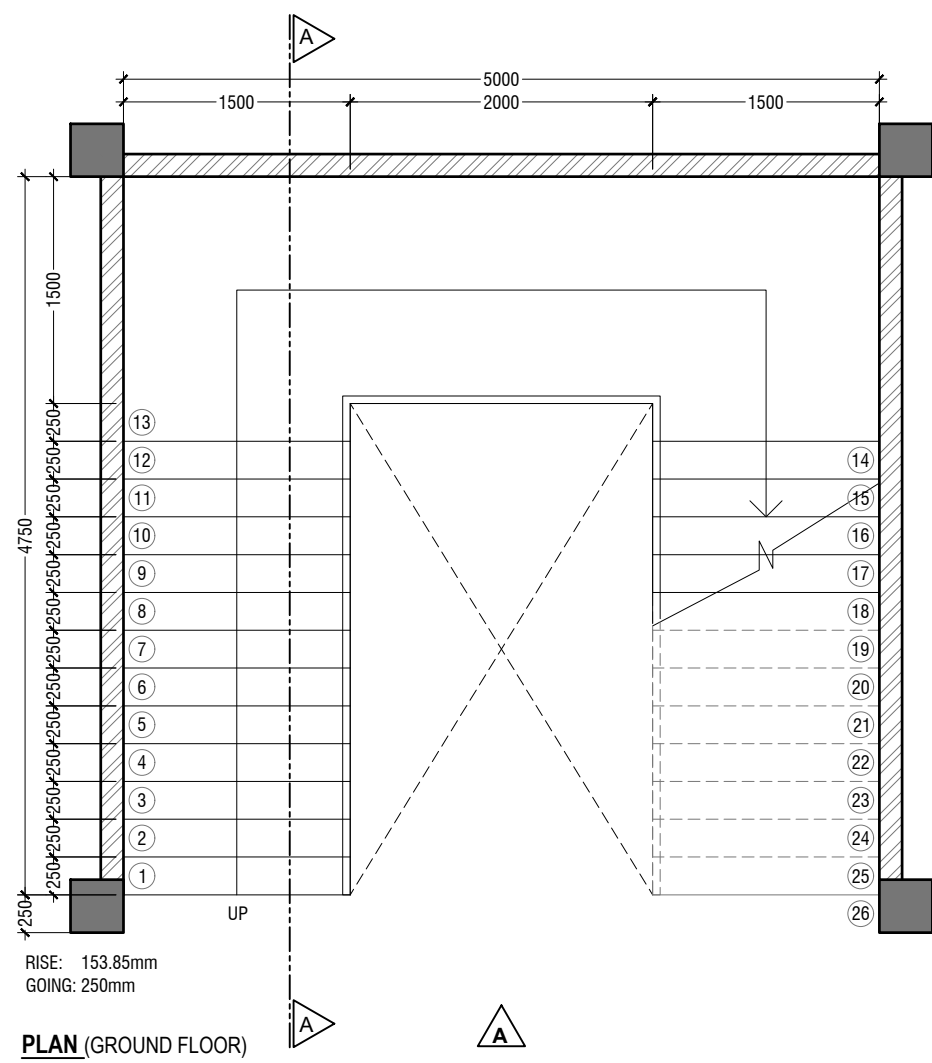
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w : www.riyan.com.mv
3rd floor, H. Azam, Arminemmagu, Malé

Title: Door & Window
Schedule - 4

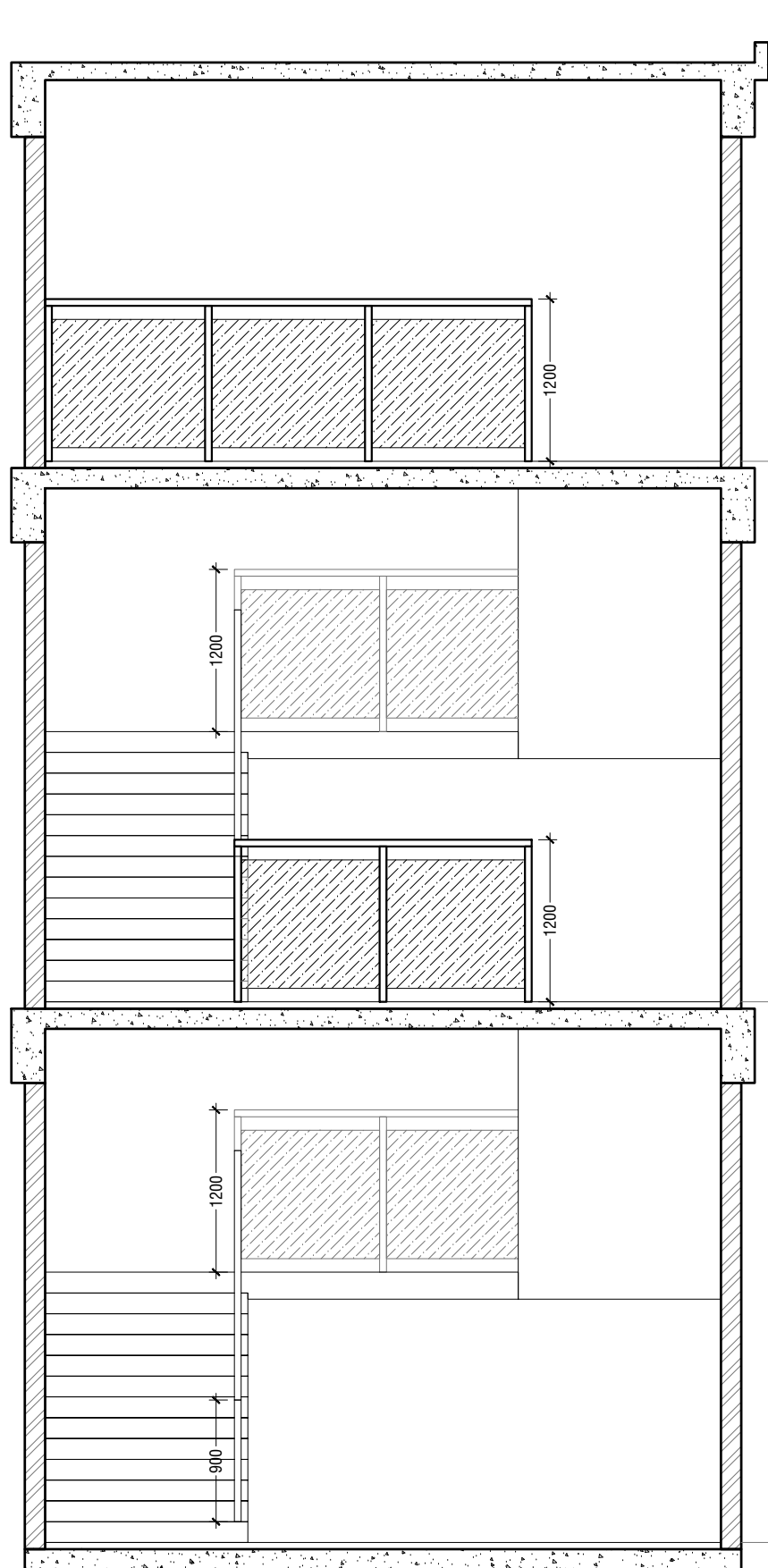
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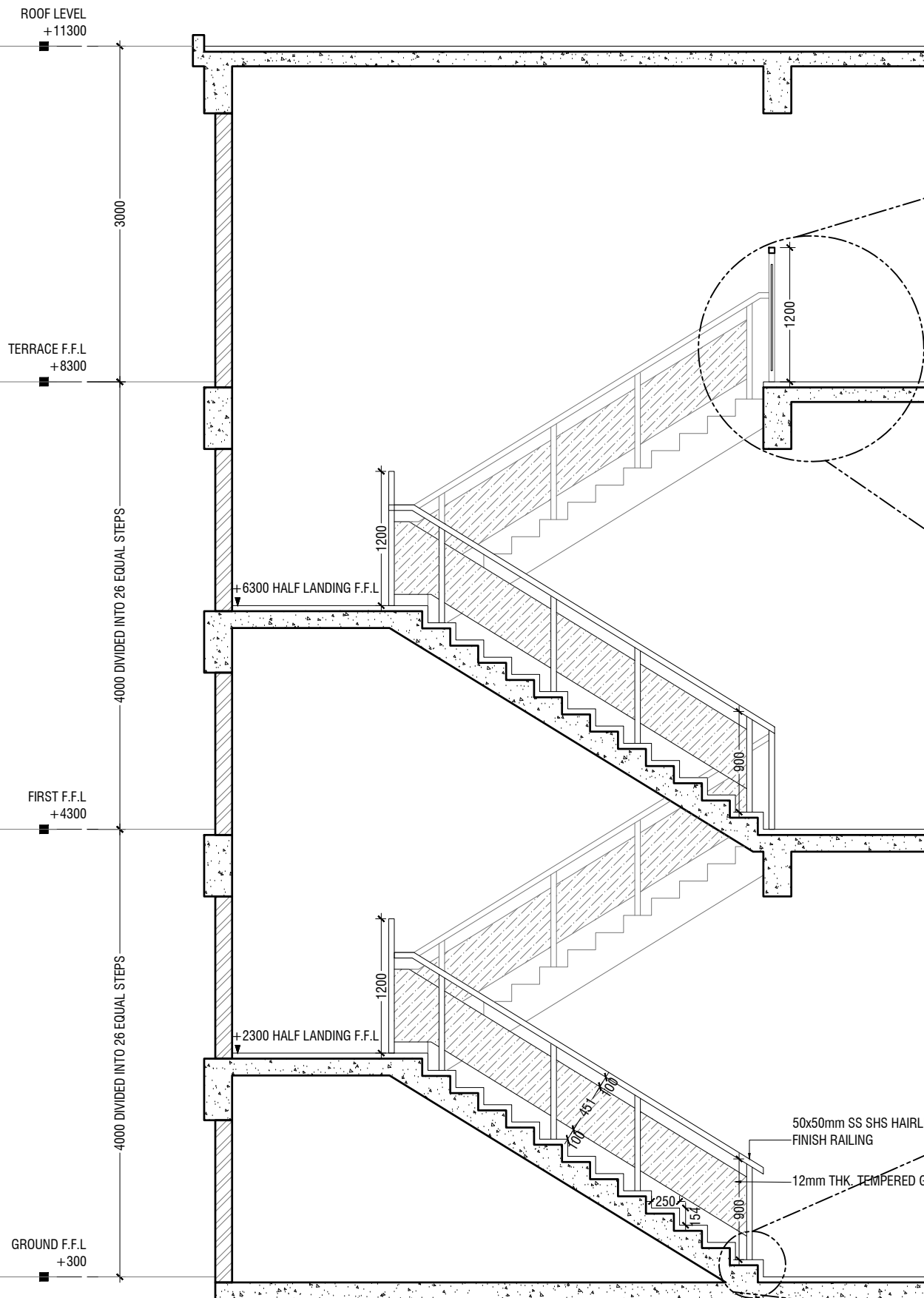
MAIN STAIRCASE DETAILS

SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5



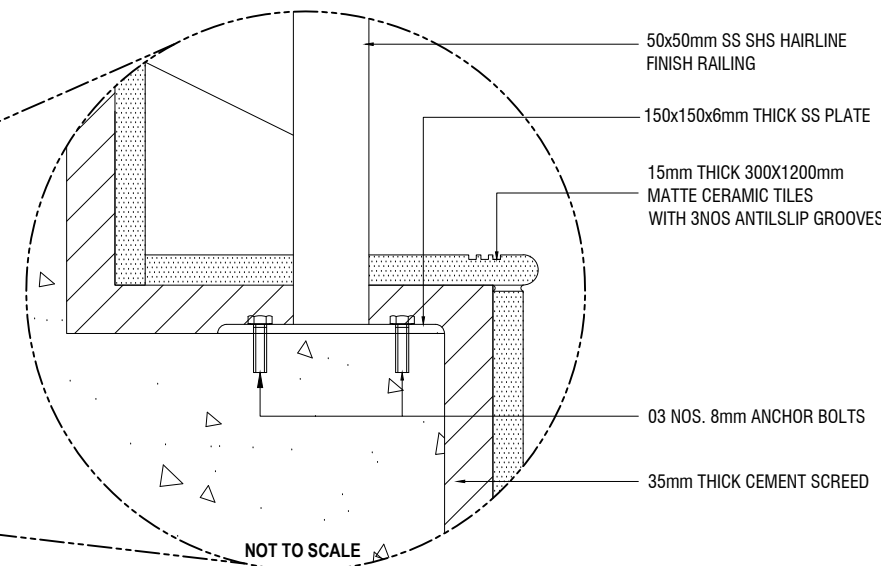
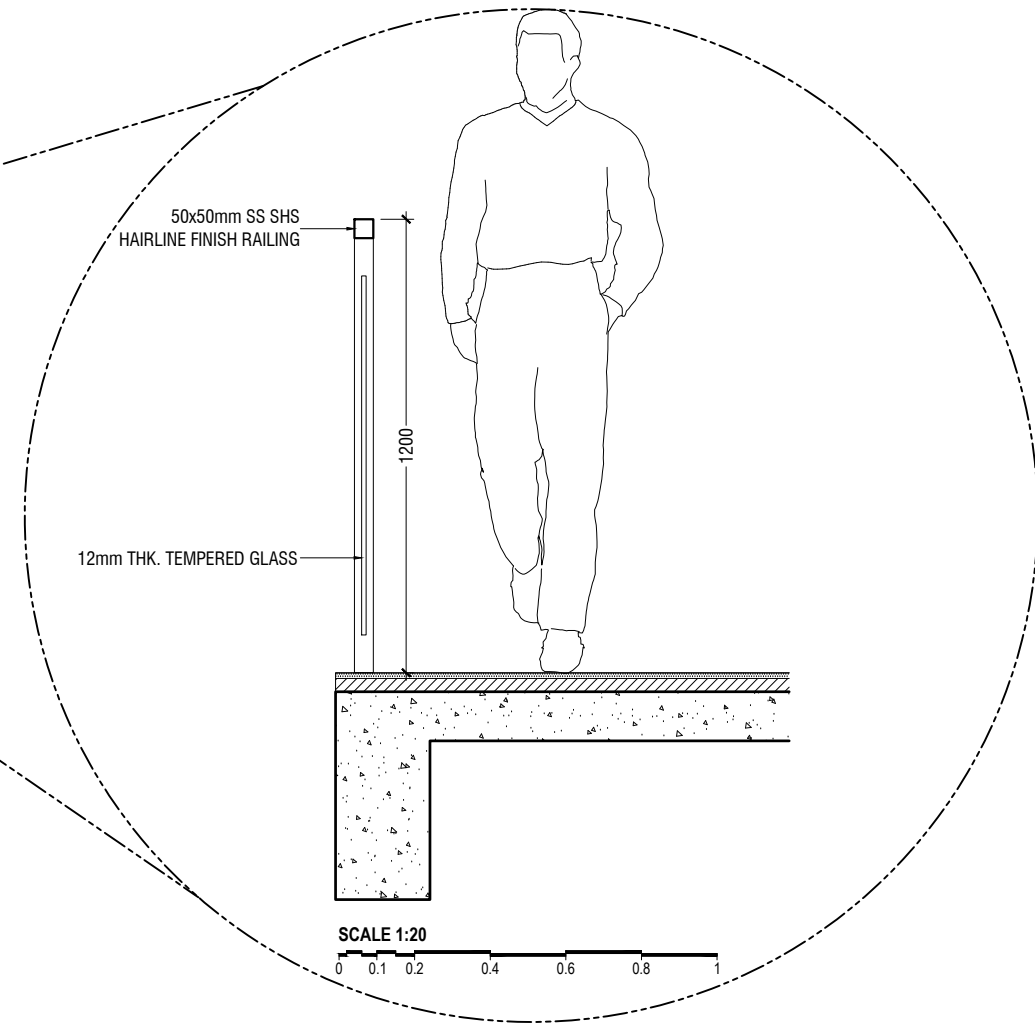
ELEVATION A

SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5



SECTION A - A

SCALE 1:50
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HDh. Makunudhoo Health Center
Client: Ministry of Health

Rev no	Date
1	01/01/2022
2	01/01/2022
3	01/01/2022
4	01/01/2022
5	01/01/2022
6	01/01/2022
7	01/01/2022
8	01/01/2022
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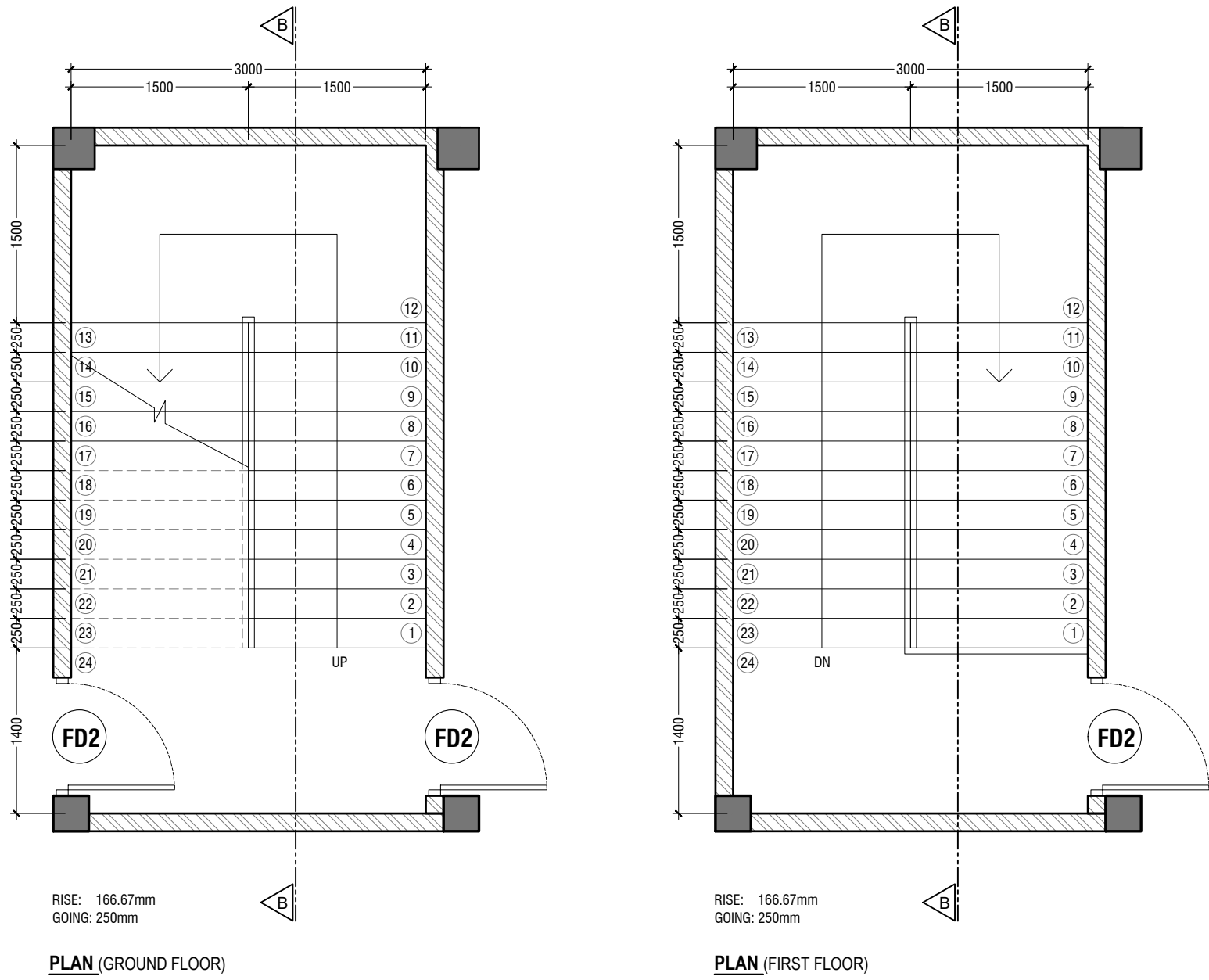


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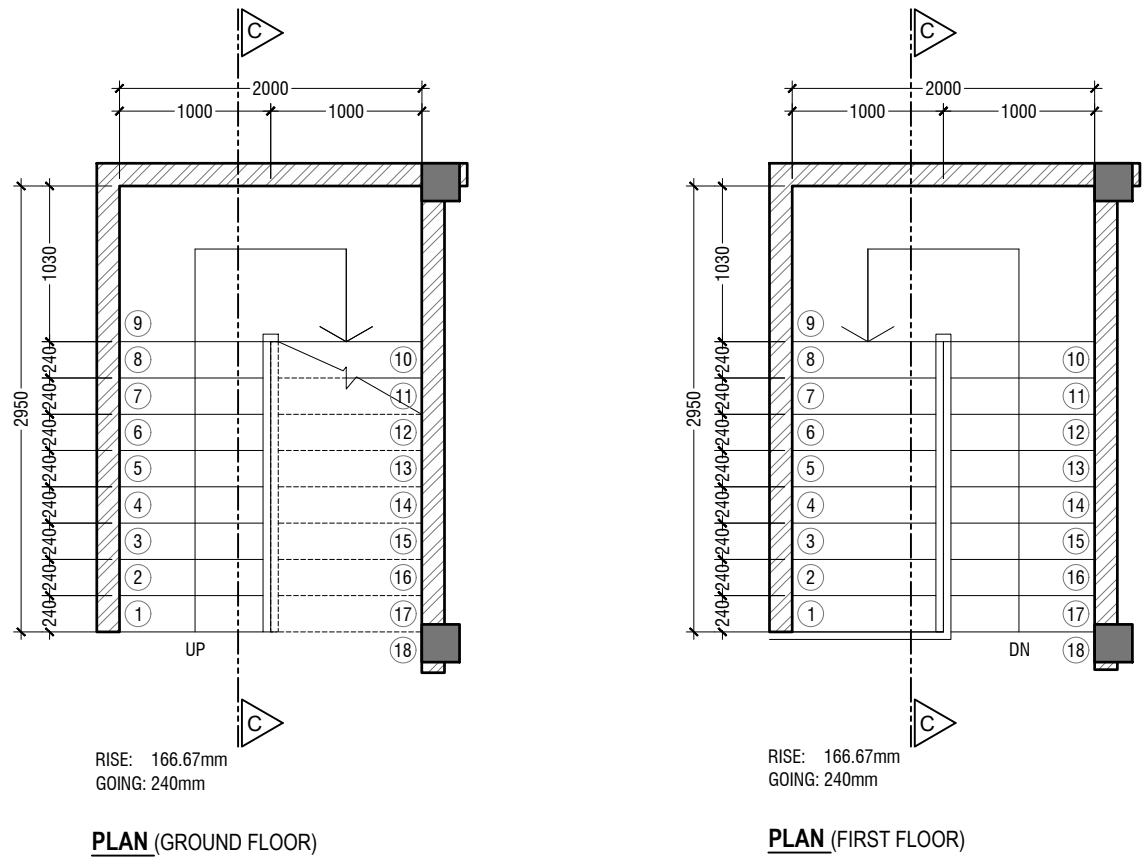
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Page: A-12/24

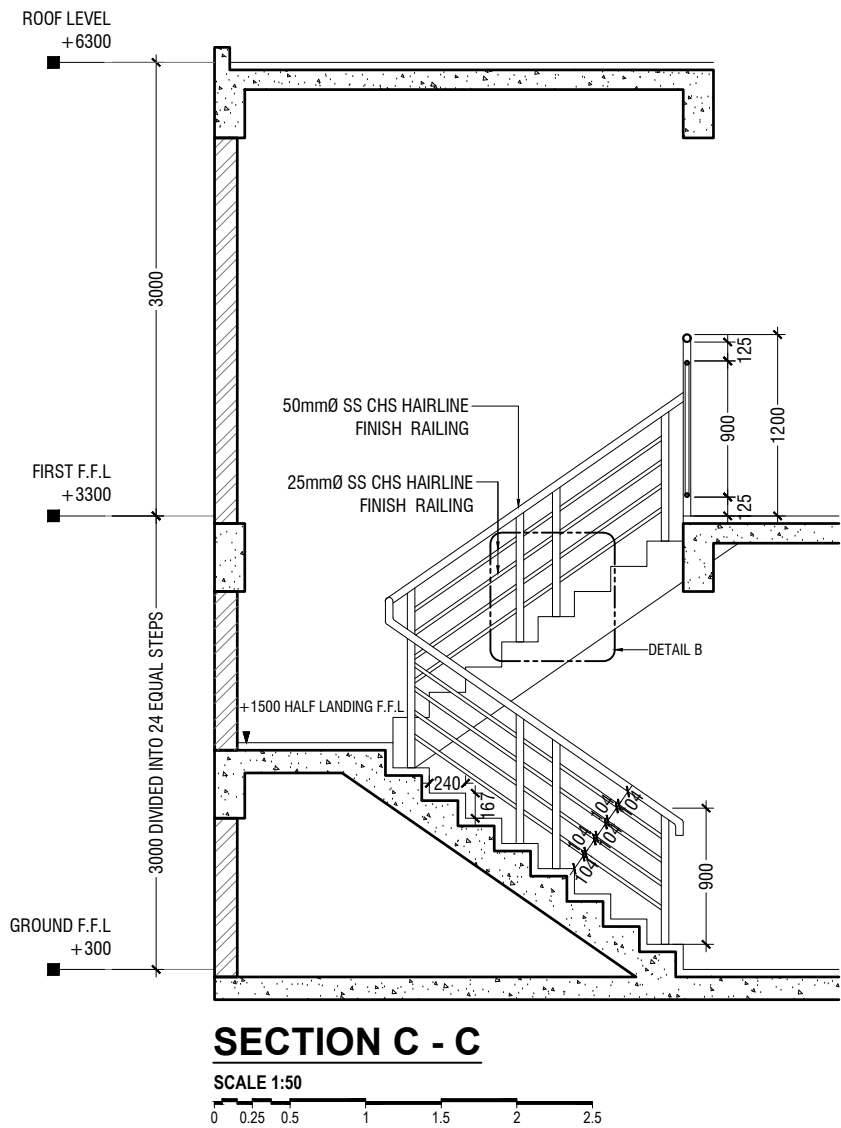
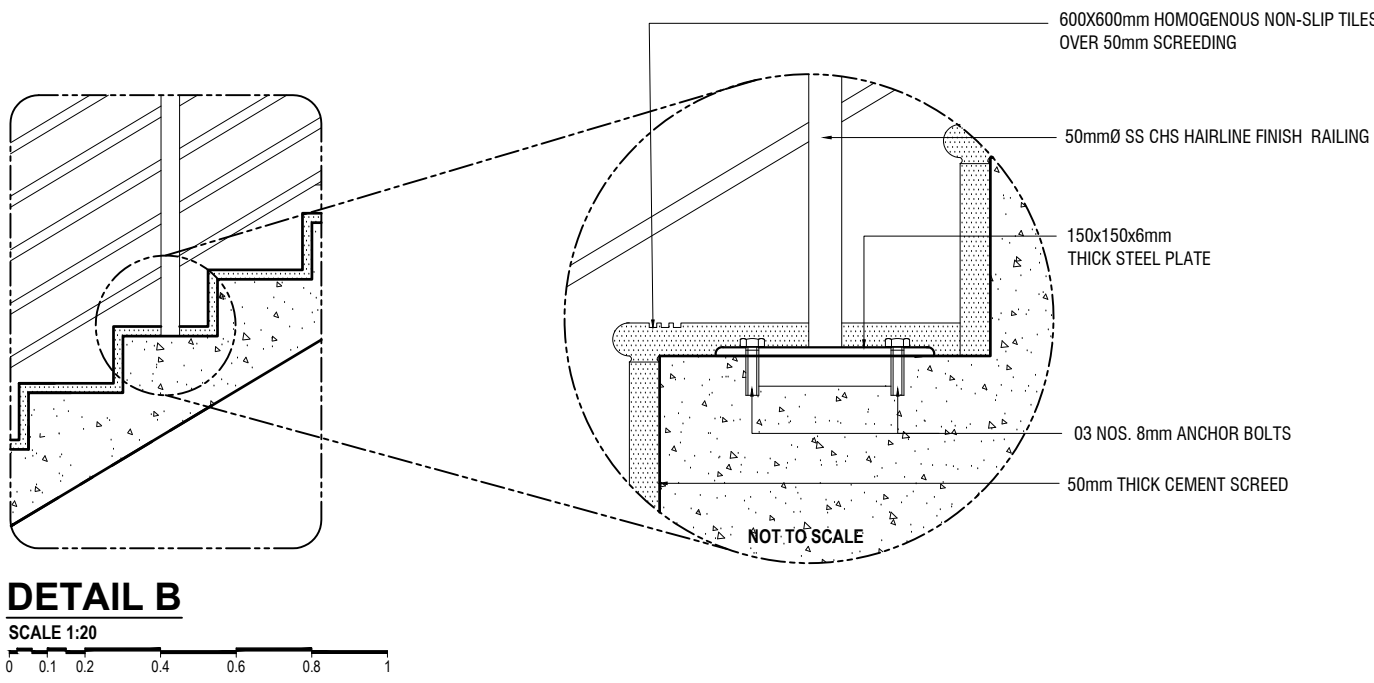
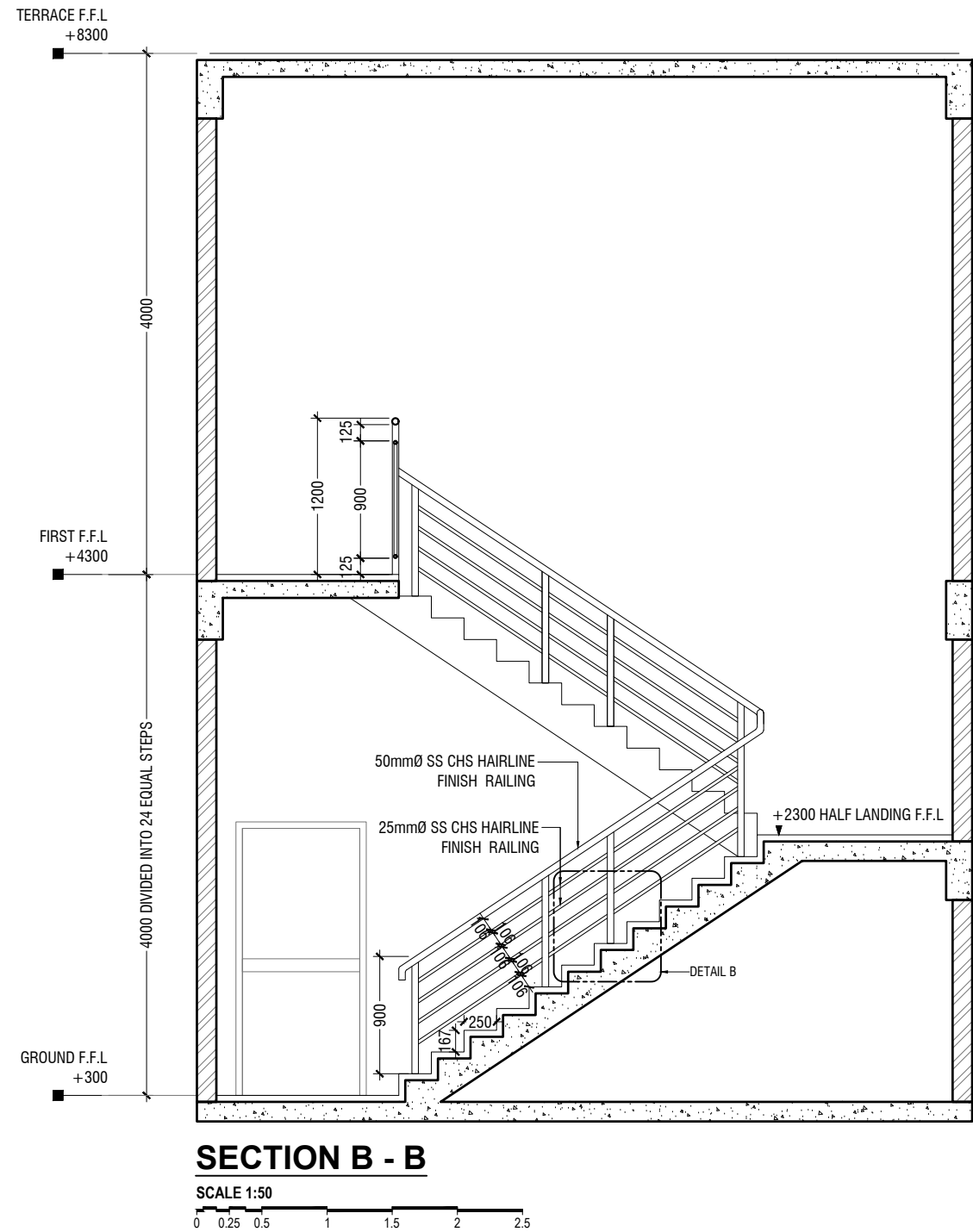
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STAFF STAIRCASE DETAILS
SCALE 1:50



ACCOMMODATION BLOCK STAIRCASE DETAILS
SCALE 1:50





HDh. Makunudhoo Health Center
Client: Ministry of Health

Project Number: R2T12MOH - HDHM
Date: March 2022
Architect : Razana Amir
Engineer : Zinaam Hassan Yousuf
Drawn by : Razana Amir
Services : -
Inspector :





FIRST FLOOR
FLOOR FINISHES PLAN
SCALE 1:150

LEGEND	
Code	Description
FF01	1200mmX1200mm Polished Homogenous Floor Tile
FF02	1200mmX1200mm Semi Polished Homogenous Floor Tile
FF03	600mmX600mm Semi Polished Homogenous Floor Tile
FF04	600mmX600mm Matte Homogenous Non-slip Floor Tile
FF05	600mmX600mm Matte Homogenous Non-slip Outdoor Floor Tile
FF06	300mmX300mm Matte Homogenous Non-slip Floor Tile
FF07	300mmX1200mm Matte Homogenous Staircase Floor Tile
FF08	Homogeneous Vinyl Flooring for Sterile Area - Supplier Should recommend Technical Specification
FF09	Permanently Static Dissipative Pressed Homogeneous Vinyl Flooring For Sterile Area - Supplier Should recommend Technical Specification
FF10	Pave Block
FF11	Gray Epoxy Paint finish over leveling Screed

HDh. Makunudhoo Health Center
Client: Ministry of Health

Project Number: 62712MCH - HDHM
Date: March 2022
Architect: Fazana Amir
Engineer: Zinaam Hassan Yousuf
Drawn by: Razana Amir
Scale: As per drawing
Interior: -



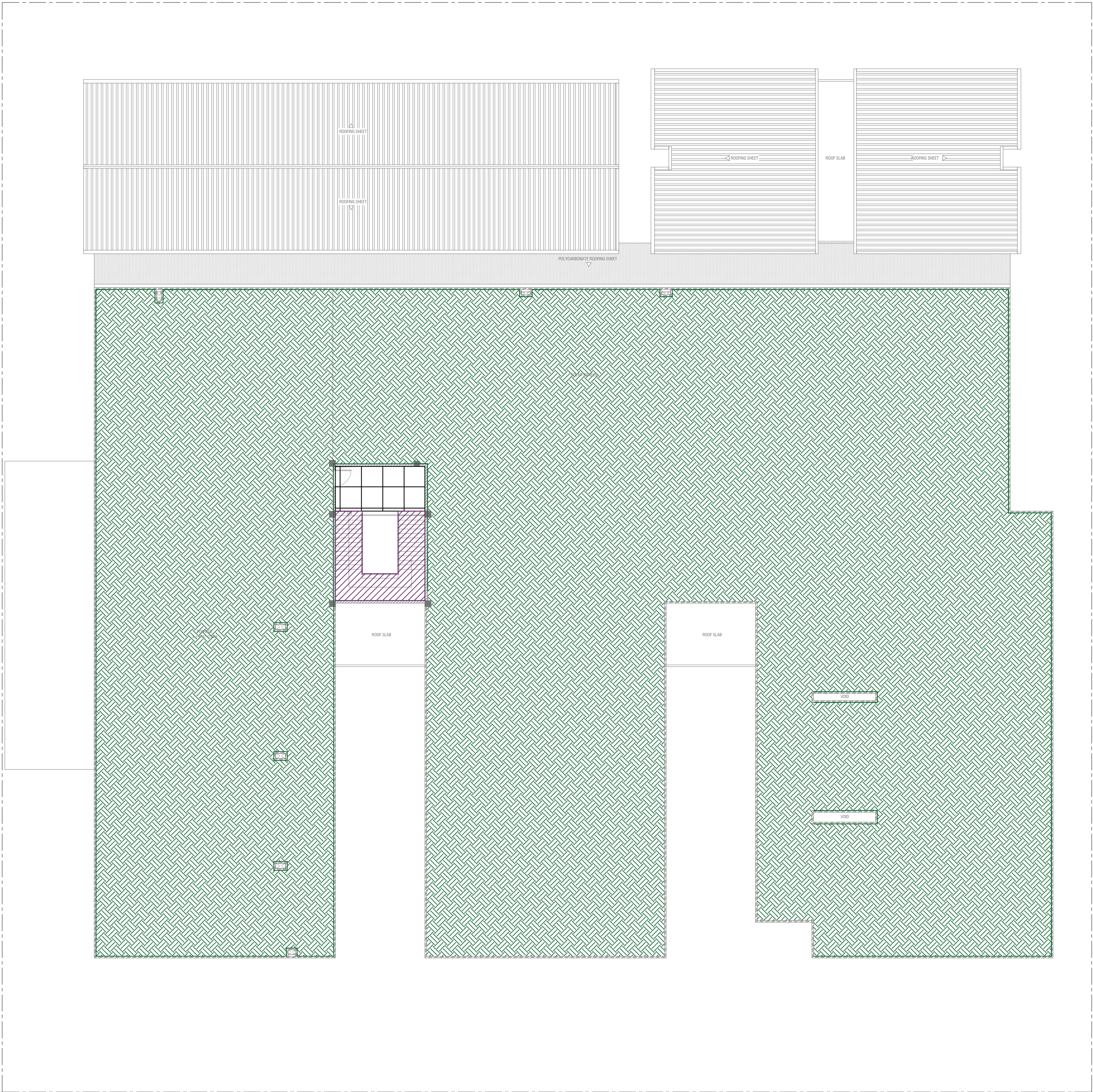
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









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3rd floor, H. Azam, Ammanemogga, Male'

Title: First Floor
Floor Finishes Plan

Page: A-16/24

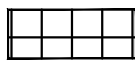
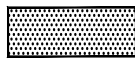
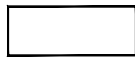
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Code	Description	
FF01		1200mmx1200mm Polished Homogeneous Floor Tile
FF02		1200mmx1200mm Semi Polished Homogeneous Floor Tile
FF03		600mmx600mm Semi Polished Homogeneous Floor Tile
FF04		600mmx600mm Matte Homogenous Non-slip Floor Tile
FF05		600mmx600mm Matte Homogenous Non-slip Outdoor Floor Tile
FF06		300mmx300mm Matte Homogenous Non-slip Floor Tile
FF07		300mmx1200mm Matte Homogenous Staircase Floor Tile
FF08		Homogeneous Vinyl Flooring for Sterile Area - Supplier Should recommend Technical Specification
FF09		Permanently Static Dissipative Pressed Homogeneous Vinyl Flooring for Sterile Area - Supplier Should recommend Technical Specification
FF10		Paver Block
FF11		Gray Epoxy Paint finish over leveling Screed

GROUND FLOOR
REFLECTED CEILING PLAN
SCALE 1:150

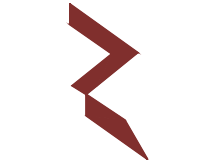


LEGEND:		
Code	Description	
CF01		USG BORAL SUSPENDED CEILING TILES 600x600mm 16mm THICK WITH ALUMINUM FRAMING
CF02		FALSE PLAT CEILING WITH 12mm THICK GYPSUM BOARD UNDER 50x50mm CEILING JOIST WITH EMULSION PAINT FINISH
CF03		SMOOTH PUTTY UNDER RC SLAB/BEAM WITH SATIN WHITE PAINT FINISH

HDh. Makunudhoo Health Center
Client: Ministry of Health

Project Number: 02/12/2024 - HDHM
Date: March 2024
Architect: Fazana Amir
Engineer: Zinaam Hassan Yousof
Drawn by: Razana Amir
Interior: -

Rev no
Date



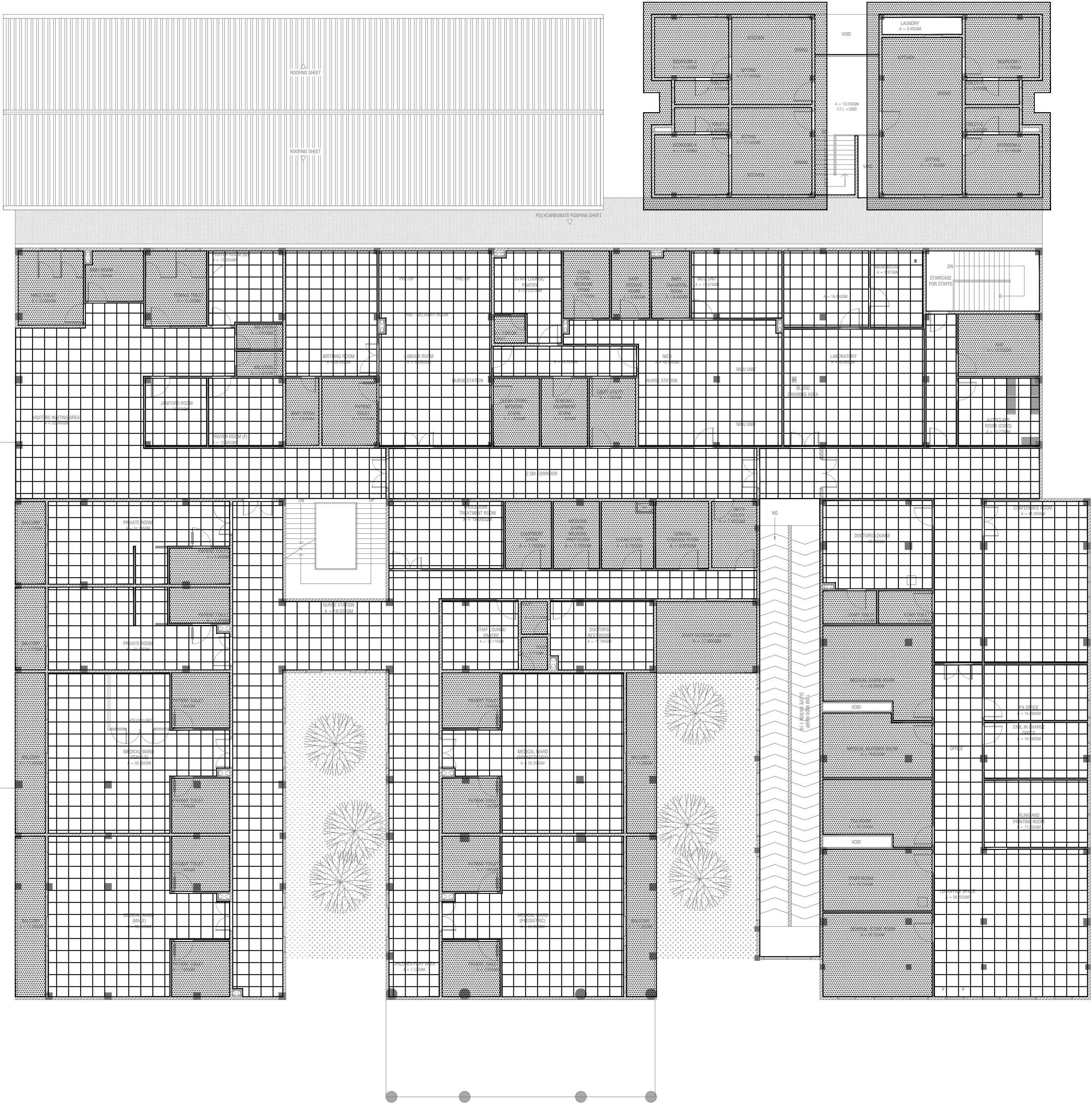
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3rd floor, Al Azam, Aradhammaga, Malé

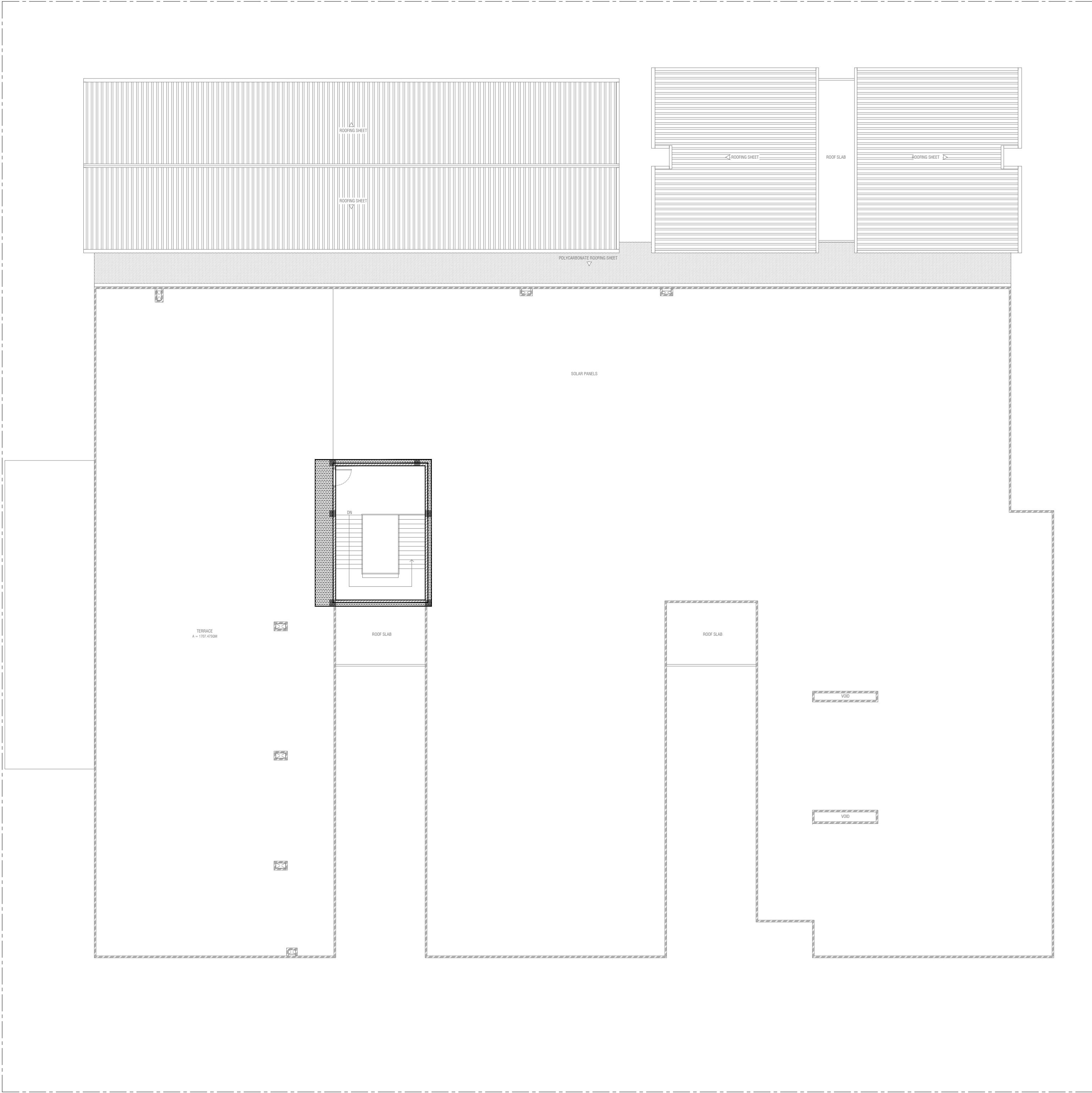
Title: Ground Floor
Reflected Ceiling Plan

Page: A-18/24

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LEGEND:	
Code	Description
CF01	USG BORAL SUSPENDED CEILING TILES 600x600mm 16mm THICK WITH ALUMINUM FRAMING
CF02	FALSE PLAT CEILING WITH 12mm THICK GYPSUM BOARD UNDER S205mm CEILING JOIST WITH EMULSION PAINT FINISH
CF03	SMOOTH PUTTY UNDER RC SLAB/BEAM WITH SATIN WHITE PAINT FINISH



LEGEND:		
Code	Description	
CF01	USG BORAL SUSPENDED CEILING TILES 600x600mm 16mm THICK WITH ALUMINIUM FRAMING	
CF02	FALSE FLAT CEILING WITH 12mm THICK GYPSUM BOARD UNDER S605mm CEILING JOIST WITH EMULSION PAINT FINISH	
CF03	SMOOTH PUTTY UNDER RC SLAB/BEAM WITH SATIN WHITE PAINT FINISH	



NOTE:

1. HIGH-RISK AREAS, WHICH GET DAMAGED EASILY AND, ONCE AFFECTED, CAN BECOME AN EYEDROD AND A POTENTIAL INFECTION CONTROL ISSUE. INSTALL CORNER GUARDS.
 - * USE STICK-ON CORNER GUARDS FOR LOW RISK AREAS
 - * USE MODELS WITH AN ALUMINUM RETAINER & A COVER THAT FLEXES ON IMPACT FOR HIGH DAMAGE AREAS
2. IN MAIN CIRCULATION ROUTES AND SERVICE CORRIDORS MOST DAMAGE TO WALLS HAPPENS FROM EQUIPMENT, AT LOW OR MID WALL. THEREFORE, IN THESE AREAS ADDITIONAL PROTECTION MAY BE REQUIRED IN THE FORM OF CRUSHABLE, HAND-CRUSHABLE AND BUMP PADS.
 - * 200mm WIDE CRASH GUARD (TO MANUFACTURE DETAIL)
3. 100mm WIDE SKIRTING THROUGHOUT THE BUILDING
4. ALL FINISHES TO BE APPROVED BY MINISTRY OF HEALTH



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3rd floor, H. Azumi, Arminemmagu, Male'

Title: Ground Floor
Wall Finishes Plan

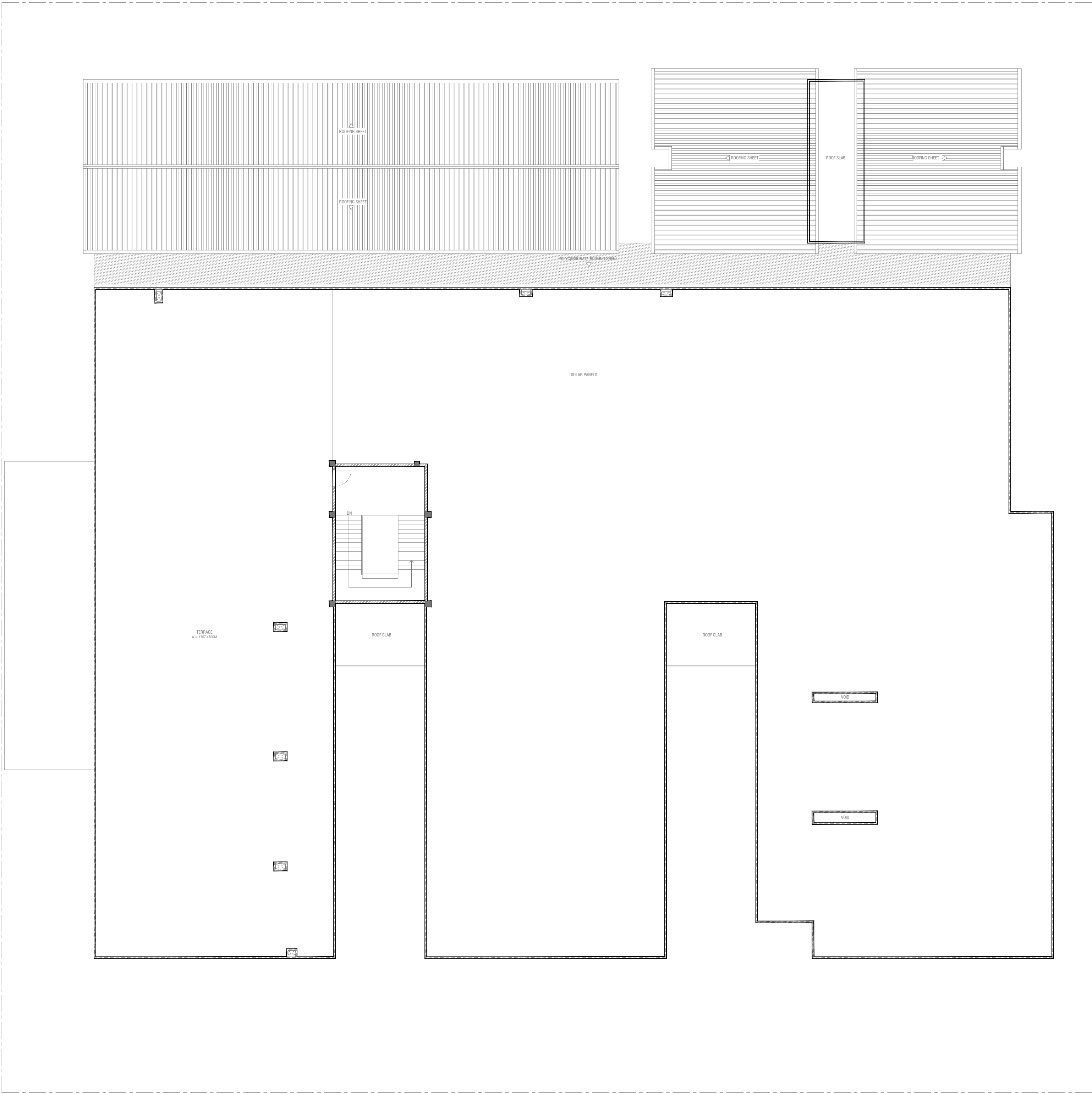
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LEGEND:	
Code	Description
WF01	Exterior Grade Paint Finish
WF02	Vinyl Wall Covering to 2100mm height with Washable Paint Finish above
WF03	300mmx600mm Matte Homogenous Wall Tile upto ceiling
WF04	Wash and Wear Low Sheen Emulsion Paint
WF05	PVC Hygienic Protective Cladding
WF06	1200mmx450mm Matte Homogenous Wall Tile upto ceiling

NOTE:

- HIGH-RISK AREAS, WHICH GET DAMAGED EASILY AND, ONCE AFFECTED, CAN BECOME AN EYESORE AND A POTENTIAL INFECTION CONTROL ISSUE. INSTALL CORNER GUARDS.
 - USE STICK-ON CORNER GUARDS FOR LOW RISK AREAS
 - USE MODELS WITH AN ALUMINIUM RETAINER & A COVER THAT FLEXES ON IMPACT FOR HIGH DAMAGE AREAS
- IN MAIN CIRCULATION ROUTES AND SERVICE CORRIDORS MOST DAMAGE TO WALLS HAPPENS FROM EQUIPMENT, AT LOW OR MID WALL LEVEL. IN THESE AREAS ADDITIONAL PROTECTION MAY BE REQUIRED IN THE FORM OF CRASHRAILS, HANDCUSH RAILS AND BUMP RAILS.
 - 200mm WIDE CRASH GUARD (TO MANUFACTURE DETAIL)
- 100mm WIDE SKIRTING THROUGHOUT THE BUILDING
- ALL FINISHES TO BE APPROVED BY MINISTRY OF HEALTH



LEGEND:		
Code	Description	
WF01	Exterior Grade Paint Finish	
WF02	Vinyl Wall Covering to 2100mm height with Washable Paint Finish above	
WF03	300mmx600mm Matte Homogenous Wall Tile upto ceiling	
WF04	Wash and Wear Low Sheen Emulsion Paint	
WF05	PVC Hygienic Protective Cladding	
WF06	1200mmx450mm Matte Homogenous Wall Tile upto ceiling	

NOTE:

- HIGH-RISK AREAS, WHICH GET DAMAGED EASILY AND, ONCE AFFECTED, CAN BECOME AN EYESORE AND A POTENTIAL INFECTION CONTROL ISSUE. INSTALL CORNER GUARDS.
 - USE STICK-ON CORNER GUARDS FOR LOW RISK AREAS
 - USE MODELS WITH AN ALUMINIUM RETAINER & A COVER THAT FLEXES ON IMPACT FOR HIGH DAMAGE AREAS
- IN MAIN CIRCULATION ROUTES AND SERVICE CORRIDORS MOST DAMAGE TO WALLS HAPPENS FROM EQUIPMENT, AT LOW OR MID WALL LEVEL. IN THOSE AREAS ADDITIONAL PROTECTION MAY BE REQUIRED IN THE FORM OF CRASHPAILS, HAND CRASH BAILS AND BLIMP PAILS.
 - 200mm WIDE CRASH GUARD (TO MANUFACTURE DETAIL)
- 100mm WIDE SKIRTING THROUGHOUT THE BUILDING
- ALL FINISHES TO BE APPROVED BY MINISTRY OF HEALTH



LEGEND:		
Code	Description	
WF01	Exterior Grade Paint Finish	
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WF04	Wash and Wear Low Sheen Emulsion Paint	
WF05	PVC Hygienic Protective Cladding	
WF06	1200mmx450mm Matte Homogenous Wall Tile upto ceiling	

GENERAL NOTES

THE GENERAL NOTES SHALL BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATIONS AND DRAWINGS. REGARDLESS OF WHETHER OR NOT SHOWN IN DRAWINGS OR OTHER TENDER DOCUMENTS, THE STANDARD PROVISIONS SPECIFIED HEREUNDER FOR COMPLIANCE BY THE CONTRACTOR SHALL APPLY TO ALL RELEVANT PORTIONS OF THE STRUCTURAL WORKS AND SHALL FORM PART OF THIS CONTRACT.

1.0 VERIFICATION OF DIMENSIONS AND LEVELS

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS ON SITE, AND RESOLVE ALL DISCREPANCIES WITH THE ARCHITECT OR ENGINEER PRIOR TO COMMENCEMENT OF WORK
- DRAWING INDICATES GENERAL & TYPICAL DETAILS OF CONSTRUCTION, WHERE CONDITIONS ARE OF SIMILAR CHARACTER TO DETAILS SHOWN AND ALTHOUGH NOT SPECIFICALLY INDICATED, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECTED TO REVIEW BY THE ENGINEER.
- PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS IN THE CONTRACT DRAWINGS.
- DISCREPANCIES IN DRAWINGS ARISING FROM SUCH VERIFICATION WORKS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.

2.0 SHOP DRAWINGS

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF ALL WORKS AND SHALL TAKE SITE MEASUREMENTS PRIOR TO THE PREPARATION OF ANY SHOP DRAWINGS OR BEFORE COMMENCING FABRICATION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL SPECIALIST TRADES, SUCH AS PRESTRESSING, CURTAIN WALLING, ETC. FOR REVIEWS AND COMMENTS BY THE ARCHITECT/ENGINEER PRIOR TO COMMENCEMENT OF WORK. SUCH SHOP DRAWINGS SUBMITTED SHALL INCORPORATE ALL NECESSARY CONNECTION DETAILS TO THE STRUCTURAL MEMBERS SUCH AS CAST-IN INSERTS, EMBEDDED PLATES, ETC.

3.0 INCORPORATION OF M&E REQUIREMENTS IN THE STRUCTURE

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF STRUCTURAL, M & E PENETRATION DRAWINGS OF SERVICES AND SUBMIT SUCH SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR REVIEWS AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- THESE SHOP DRAWINGS SHALL INCORPORATE ALL MECHANICAL, ELECTRICAL AND SANITARY WORKS TO BE EMBEDDED IN CONCRETE AND ALL OPENINGS FOR ALL PIPE OR DUCT WORKS, BASED ON THE REQUIREMENTS OF M & E DRAWINGS IN HIS POSSESSION.
- HE SHALL CHECK AND RESOLVE ALL DISCREPANCIES WITH THE RESPECTIVE ENGINEER PRIOR TO PLACEMENT OF CONCRETE.

4.0 LEAN CONCRETE FOR SUSPENDED STRUCTURES

- UNLESS OTHERWISE STATED, 50 MM THICK LEAN CONCRETE WITH A MINIMUM 28-DAY CUBE STRENGTH OF 15N/MM2 SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF STRUCTURAL CONCRETE MEMBERS.

5.0 STRUCTURAL ELEMENTS ON GRADE

- UNLESS OTHERWISE STATED, A SINGLE LAYER OF 0.25 MM(HEAVY DUTY) POLYTHENE SHEET, OR EQUIVALENT THERMOPLASTIC MATERIAL, LAID OVER A COMPACTED 60 MM THICK LAYER OF HARD CORE BLINDED WITH SAND TO PREVENT GROUT LOSS FROM SEEPAGE INTO THE GROUND SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF THE NON-SUSPENDED SLABS.

6.0 SUBGRADE UNDER STRUCTURAL ELEMENTS

- WHERE THE CONTRACTOR REQUIRES REMOVAL AND SUBSEQUENT BACKFILL OF SUBGRADE PRIOR TO CASTING OF PILECAP/WALL/BEAM/SLAB, HE SHALL ENSURE THAT THE BACKFILL IS OF APPROVED MATERIAL AND THAT THE BACKFILL SHALL BE REASONABLY COMPACTED TO ENSURE THAT THE COMPACTED SOIL IS ABLE TO WITHSTAND THE WEIGHT OF THE WET CONCRETE. THE CONTRACTOR SHALL EXERCISE PROPER SKILL AND CARE TO AVOID DAMAGE TO ADJACENT INSTALLED STRUCTURES ARISING FROM HIS CONSTRUCTION SEQUENCE.

7.0 WATERPROOFING FOR STRUCTURES

- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND METHOD STATEMENTS FOR THE ENGINEER'S APPROVAL PRIOR TO COMMENCEMENT OF WORK. REQUIRED SHOP DRAWING DETAILS INCLUDE BUT ARE NOT LIMITED TO TREATMENT OF FLASHINGS, WATERSTOP AT CONSTRUCTION JOINTS, WALL AND SLAB PENETRATIONS.
- ALL PENETRATIONS THROUGH STRUCTURAL ELEMENTS SHALL BE CAST-IN, SLEEVED AND PROVIDED WITH APPROVED PUDDLE FLANGE DETAIL, IF FOR ANY REASON THE CONTRACTOR IS UNABLE TO LAY WATERSTOP AT CONSTRUCTION JOINTS AS INDICATED IN THE DRAWINGS, HE SHALL AT HIS OWN EXPENSES PROVIDE ADEQUATE GROUT TUBES FOR WATERPROOF PRESSURE GROUTING TO ENSURE WATERTIGHTNESS OF THE JOINT.
- ALL GROUT TUBES SHALL BE MARKED AND PROTECTED FROM BLOCKAGE.
- BACKFILLING OPERATIONS AGAINST VERTICAL SURFACE SHALL BE CARRIED OUT AS SOON AS THE WATERPROOFING BARRIER IS INSTALLED TO THE SATISFACTION OF THE ENGINEER.

8.0 CASTING LAYERS

- INCLINED CASTING LAYERS AND INCLINED CONSTRUCTION JOINTS SHALL BE AVOIDED.
- HORIZONTAL CASTING LAYERS SHALL NOT IN GENERAL EXCEED 0.6 M THICKNESS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

9.0 FOUNDATIONS

- ALL FOUNDATIONS HAS BEEN DESIGNED FOR SAFE GROUND PRESSURE OF 150 KN/M.
- ALL BACKFILL SHOULD BE DONE WITH MATERIALS APPROVED BY THE CONSULTANT AND SOURCE. ALL BACKFILL SHOULD BE STRUCTURAL FILL, COMPACTED IN LAYERS AS SPECIFIED.
- WEAK POCKETS FOUND BELOW THE ASSUMED FOUNDATION LEVELS SHALL BE REMOVED AND REPLACED BY PLAIN CONCRETE.
- IN CASE OF EXCAVATIONS BELOW THE ASSUMED LEVEL OF THE FOUNDATION, THE SOIL SHALL BE REPLACED BY PLAIN CONCRETE.
- IN CASE GROUND WATER IS PRESENT ABOVE FOUNDATION LEVEL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING THE BELOW LEVEL OF FOUNDATIONS.
- THE CONTRACTOR SHALL MAINTAIN DRY WORKING CONDITIONS THROUGH OUT THE CONSTRUCTION PERIOD. RESTORING WATER TABLE CAN BE DONE AFTER BACKFILLING AND COMPACTION UP TO THE SLAB ON GRADE LEVEL, OR AS DIRECTED BY THE ENGINEER.
- NO BACK FILLING SHALL BE PLACED AGAINST WALLS RETAINING EARTH, UNLESS THE WALLS ACHIEVE SUFFICIENT STRENGTH TO PREVENT MOVEMENT OR STRUCTURAL DAMAGE.

10.0 CONSTRUCTION LOAD AND SHORING

- CONSTRUCTION LIVE LOAD IMPOSED ON ANY SINGLE FLOOR SHALL NOT EXCEED 1.5 KN/M2, UNLESS OTHERWISE APPROVED BY THE ENGINEER, DEAD LOAD OF THE TOP CONSTRUCTION FLOOR SHALL BE SUPPORTED BY TWO COMPLETED FLOORS DIRECTLY BELOW IT.
- PROPS TO BEAMS AND SLABS AT ANY FLOORS SHALL NOT BE REMOVED UNTIL THE TWO IMMEDIATE FLOORS ABOVE THAT LEVEL ARE CAPABLE OF SUPPORTING THEMSELVES AS WELL AS ANY LOADS IMPOSED DURING CONSTRUCTION. CONSIDERATIONS GOVERNING REMOVAL OF PROPS INCLUDE BUT ARE NOT LIMITED TO THE ATTAINMENT OF 28-DAY STRENGTH FOR THE CONCRETE, DESIGN LOAD CAPACITY OF THE FLOOR UNDER REVIEW AND THE COMPLETION OF PRESTRESSING AND GROUTING OPERATIONS IN THE CASE OF A PRESTRESSED STRUCTURAL FLOOR SYSTEM.
- PROPS SHALL BE LEFT IN PLACE FOR SUPPORTING THE CONSTRUCTION LOADS APPROVED BY THE ENGINEER.
- NO ALLOWANCE HAS BEEN MADE IN THE DESIGN OF THE PERIMETER BEAMS/WALLS FOR THE SUPPORT OF TEMPORARY SCAFFOLDINGS.
- THE CONTRACTOR SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER TO DESIGN AND STRENGTHEN THE BEAMS/WALLS.
- THE CONTRACTOR SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER CHECK THE ADEQUACY OF SHORING DETAIL PROVIDED PROCEEDING THE WORK, AS SHORING WAS DESIGNED, CONSIDERING THE STATUS OF THE BUILDING AT THE TIME OF DESIGN.

11.0 CONCRETE COVER

- MINIMUM COVER TO OUTERMOST REINFORCEMENT INCLUDING LINKS SHALL BE AS FOLLOWS.

STRUCTURAL ELEMENT	COVER (mm)
RAFT BEAM & SLAB (EARTH FACE)	60
RAFT BEAM & SLAB (INTERNAL FACE)	60
COLUMN	40
BEAM	35
BEAM (EXTERNAL FACE)	40
SLAB	30
INTERNAL WALL	30
EXTERNAL WALL	40

- NOTE: EARTH FACE COVER OF BEAMS, COLUMNS & WALLS SHOULD BE 50mm

12.0 MATERIAL STRENGTHS

12.1 CONCRETE

- UNLESS OTHERWISE STATED, ORDINARY PORTLAND CEMENT CONFORMING TO BS 12, TO BE USED FOR ALL THE RC STRUCTURAL ELEMENTS.
- THE MINIMUM 28-DAY COMPRESSIVE CUBE STRENGTH OF CONCRETE FOR SPECIFIED STRUCTURAL ELEMENTS SHALL BE AS FOLLOWS UNLESS OTHERWISE STATED:

MAIN BUILDING	
LEAN CONCRETE	15 N/mm2
MASS CONCRETE	30 N/mm2
COLUMN, BEAM AND SLAB	30 N/mm2
EXTERNAL WORK	
PAVEMENTS	30 N/mm2
ALL OTHERS (CULVERT, DRAINS, MANHOLE, ETC)	30 N/mm2
FOUNDATION	
PILECAP, FOOTING, RAFT TIE-BEAM, CAPPING BEAM	30 N/mm2

- CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS 12.

12.2 REINFORCEMENT

- UNLESS OTHERWISE STATED, BAR SIZE 10MM DIAMETER OR LARGER SHALL BE HIGH TENSILE TYPE II DEFORMED BARS. THE MINIMUM YIELD STRENGTH OF STEEL BAR REINFORCEMENT SHALL BE AS FOLLOWS:

MILD STEEL PLAIN BAR	250 N/mm2
HIGH TENSILE TYPE II DEFORMED BAR	415 N/mm2

12.25 REINFORCEMENT ANCHORAGE OR LAPPING IS AS FOLLOWS U.N.O.

	BAR GRADE 415
TENSION	450
COMPRESSION	450

Ø IS DIAMETER OF THE SMALLER SIZED LAPPED BAR.

- NO SPLICE SHALL BE MADE AT POINT OF MAXIMUM STRESS, EG IN BEAMS AND SLABS, THERE SHALL BE NO SPLICING OF TOP BARS OVER SUPPORTS NOR BOTTOM BARS AT MID-SPANS. SPLICES SHALL BE STAGGERED WHEREVER POSSIBLE. LAP LENGTH FOR UNEQUAL SIZE BARS (OR WIRES IN FABRIC) MAY BE BASED UPON THE SMALLER BAR, FOR BUNDLED BARS, THE EQUIVALENT DIAMETER SHALL BE USED. CRANKING OF BARS SHALL NOT EXCEED A SLOPE OF 1:10.
- FOR LAP LENGTH, WHERE SYMBOLS ARE NOT INDICATED, THE TENSION LAP LENGTH SHALL BE FOLLOWED.

13.0 STIRRUPS, LINKS AND TIES

- ALL STIRRUPS, LINKS AND TIES IN BEAMS, COLUMNS AND WALLS RESPECTIVELY SHALL TERMINATE NOT MORE THAN 75mm FROM THE FACE OF ANY ADJACENT STRUCTURAL MEMBERS.

14.0 SLAB DISTRIBUTION BARS

- REGARDLESS OF WHETHER OR NOT SHOWN ON PLAN, ALL DISTRIBUTION BARS FOR SLAB SHALL COMPRISE TYPICALLY ONE OF THE FOLLOWING COMBINATIONS, UNLESS OTHERWISE STATED IN THE RELEVANT DRAWINGS :

SLAB THICKNESS (mm)	MIN. DISTRIBUTION BAR
250 OR LESS	T10-300
GREATER THAN 250 BUT LESS THAN OR EQUAL TO 300	T10-200
GREATER THAN 300 BUT LESS THAN OR EQUAL TO 400	T10-150

15.0 FLOOR RENDERING

- THICKNESS OF SCREED RENDERING/MASS CONCRETE TOPPING EXCEEDING 60 OR MORE SHALL BE REINFORCED WITH ONE LAYER OF R6.

16.0 SHRINKAGE CRACKS

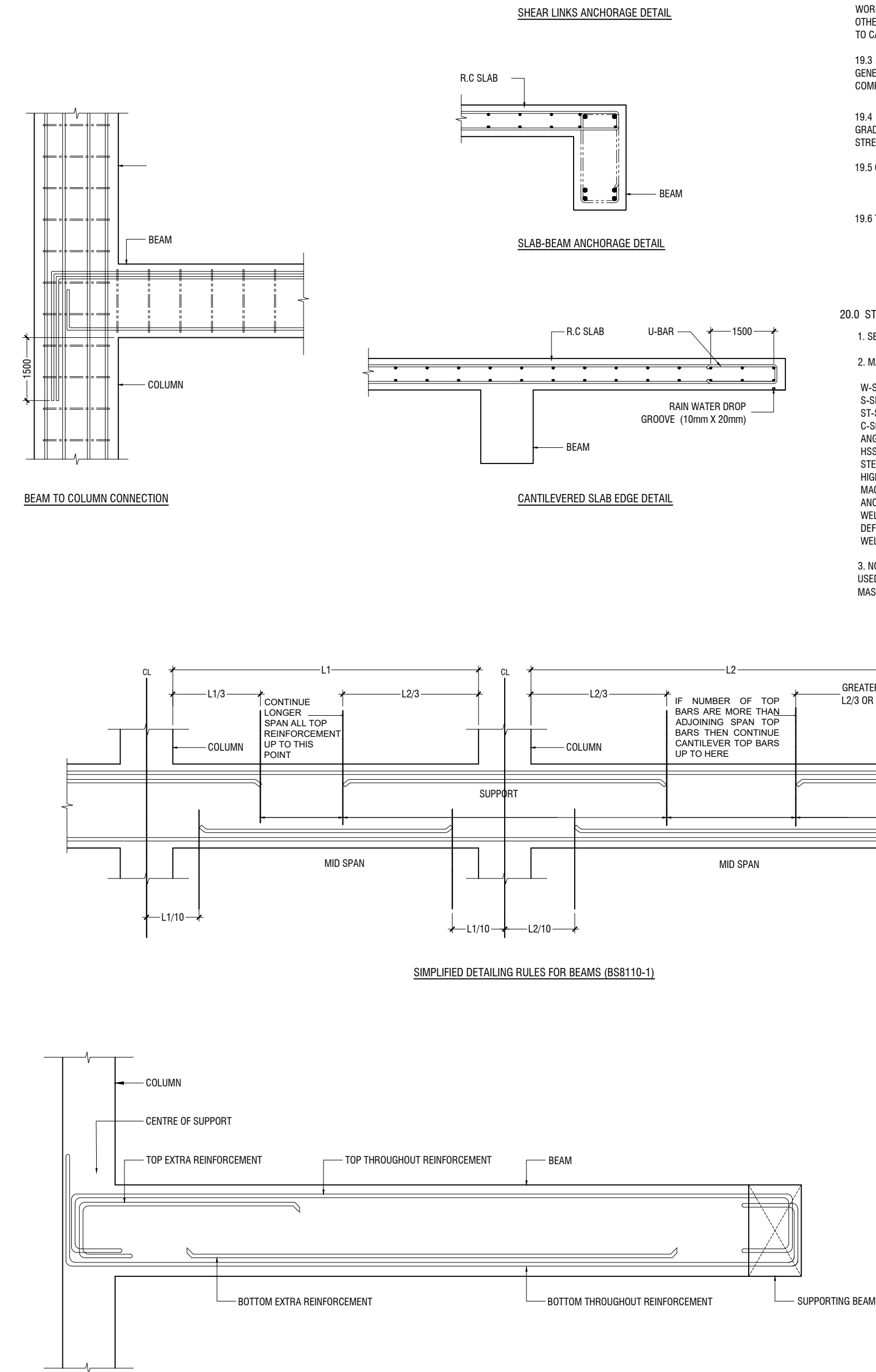
- THE SURFACE OF CONCRETE SHALL BE ADEQUATELY AND CONTINUOUSLY CURED TO SPECIFICATION TO PREVENT FORMATION OF SHRINKAGE CRACKS.THOUGH SHRINKAGE CRACKS HAVE NO EFFECT ON THE STRENGTH AND INTEGRITY OF THE STRUCTURE.THEY SHOULD BE SEALED BY EPOXY PRESSURE GROUTING. ALL COST INCURRED FOR THE NECESSARY SEALING UP OF SHRINKAGE CRACKS BY EPOXY PRESSURE GROUTING SHALL BE DEEMED TO BE INCLUDED IN THE CONCRETE WORK AS TENDERED.

17.0 STEEL BAR CORROSION PROTECTION

- ALL EXPOSED BARS FOR FUTURE CONSTRUCTION PURPOSES (EXCEEDING 3 MONTHS) MUST BE COATED WITH MASTER EMACO 8100 AP OR APPROVED EQUIVALENT AND PROVIDED WITH ADEQUATE MAINTENANCE.

18.0 SPACER BARS

- ALL SPACER BARS BETWEEN 2 OR MORE LAYERS OF REINFORCEMENT SHALL T25 OR BAR DIAMETER (WHICHEVER IS GREATER) AT ±1-5M C/C.



LONGITUDINAL SECTION OF TYPICAL SLAB BEAM SPANNING BETWEEN A COLUMN AND BEAM SHOWING END SPAN MID SPAN REINFORCEMENT DETAILS

19.0 STRUCTURAL TIMBER SPECIFICATION

19.1 THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETED STRUCTURE, AND ARE NOT INTENDED TO INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCES, AND FOR JOB SAFETY.

19.2 THE ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

19.3 ALL CONSTRUCTION IS IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL WORK IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.

19.4 ALL TIMBER FOR STRUCTURAL USE SHALL BE HARDWOOD OR SOFTWOOD OF VISUAL GRADE C/D IN ACCORDANCE WITH BS 5756 WITH THE FOLLOWING MINIMUM GRADE STRESSES:

19.5 CONNECTIONS
PLATES - STAINLESS STEEL GRADE 316 OF STATED THICKNESS
BOLTS - SS GRADE 316

19.6 TIMBER TREATMENT
MOISTURE - PRESSURE IMPREGNATION OF CCA
INSECTS - TERMITE TREATMENT FOR TIMBER IN / NEAR GROUND

20.0 STRUCTURAL STEEL SPECIFICATION

1. SEE 21.0 ON PRIMARY CODES AND SPECIFICATIONS.

2. MATERIALS:

W-SHAPES & WT-SHAPES..... ASTM A992
S-SHAPES, M-SHAPES, HP-SHAPES..... ASTM A36
ST-SHAPES & MT-SHAPES..... ASTM A36
C-SHAPES & MC-SHAPES..... ASTM A36
ANGLES & PLATES..... ASTM A36
HSS SHAPES..... ASTM A500, GRADE B
STEEL PIPE..... ASTM A53 (TYPE E OR S), GRADE B
HIGH STRENGTH BOLTS..... ASTM A325
MACHINE BOLTS..... ASTM A307
ANCHOR RODS.....ASTM F1554, GRADE 55 TYPE S1(UNO)
WELDED HEADED STUDS..... ASTM A108
DEFORMED BAR ANCHORS..... ASTM A496
WELDING ELECTRODES..... AWS D1.1, E70 SERIES

3. NON-SHRINK, NON-METALLIC GROUT WITH A 28 DAY STRENGTH OF 35MPa SHALL BE USED UNDER BASE PLATES AND SHALL CONFORM TO BS EN 12390-3 AND EN 196-1. MASTERFLOW 542 OR EQUIVALENT MAYBE USED.

HdH. Makunudhoo Health Center
Client: Ministry of Health

Project Number: 03/12/2024 - HDHM
Date: March 2024
Architect: Hazana Amir
Engineer: Zinaam Hassan Yousof
Drawn by: Razana Amir
Checked by: Razana Amir
Interior: -



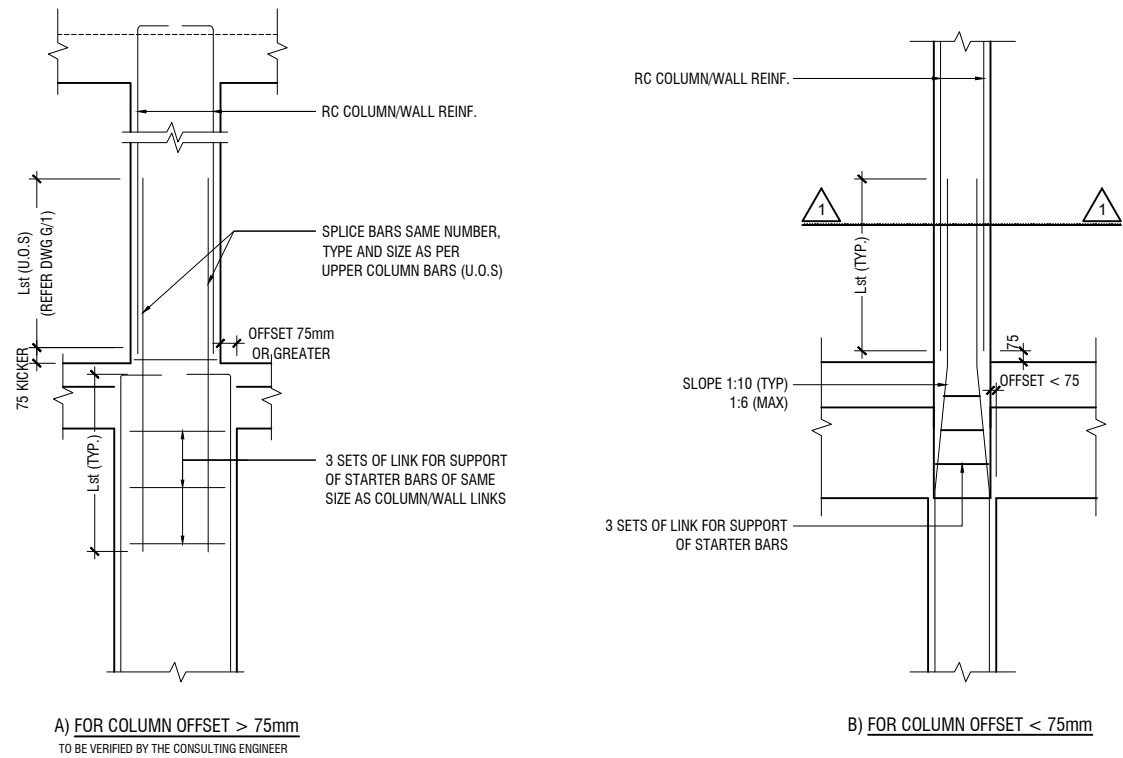
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3rd floor, H. Azam, Ammanemmagu, Malé

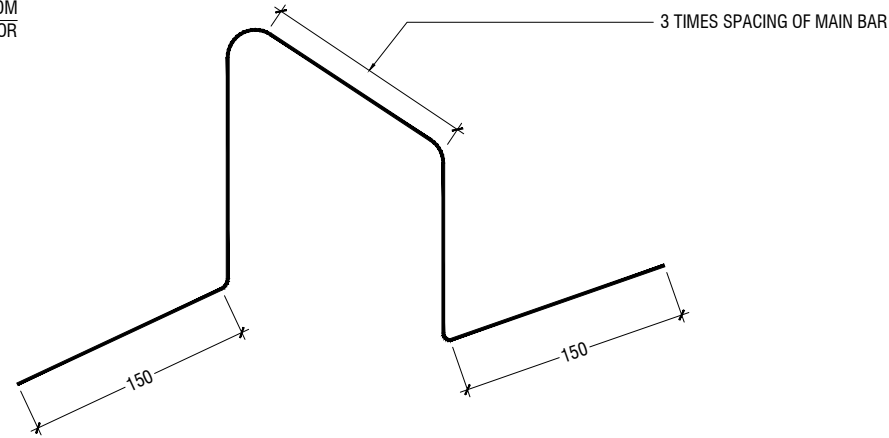
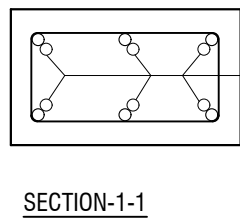
Title: General Notes

Page: S-01/16

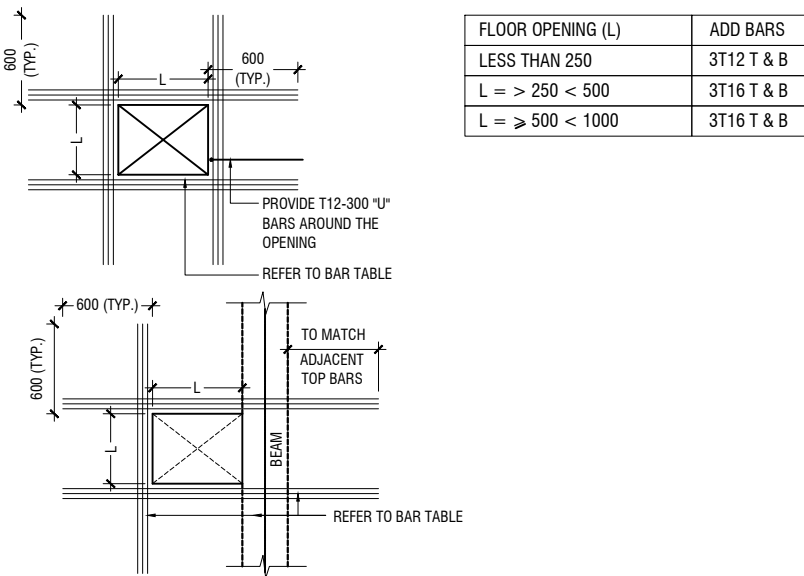
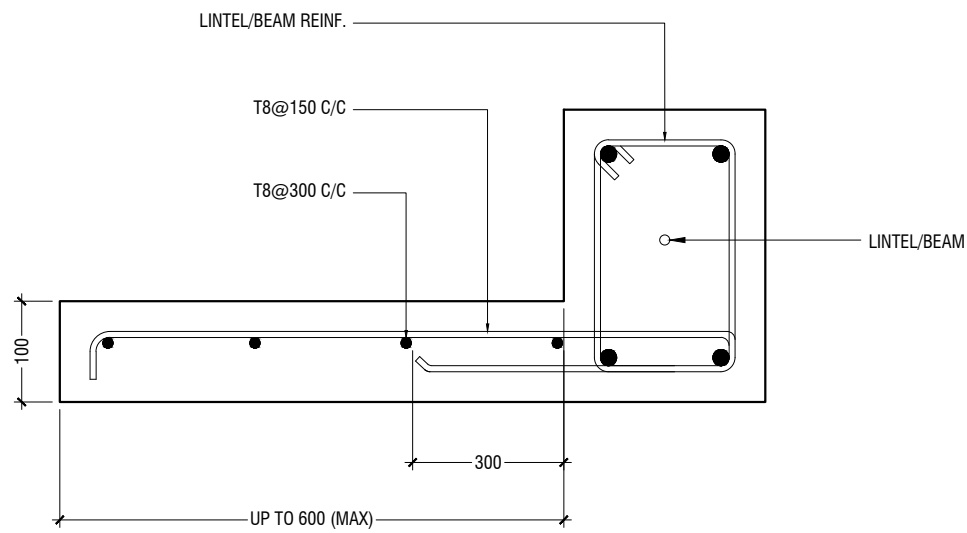
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COLUMN/WALL REINF. LAPPING DETAIL AT FLOOR LEVEL



TYPICAL CHAIR DETAIL

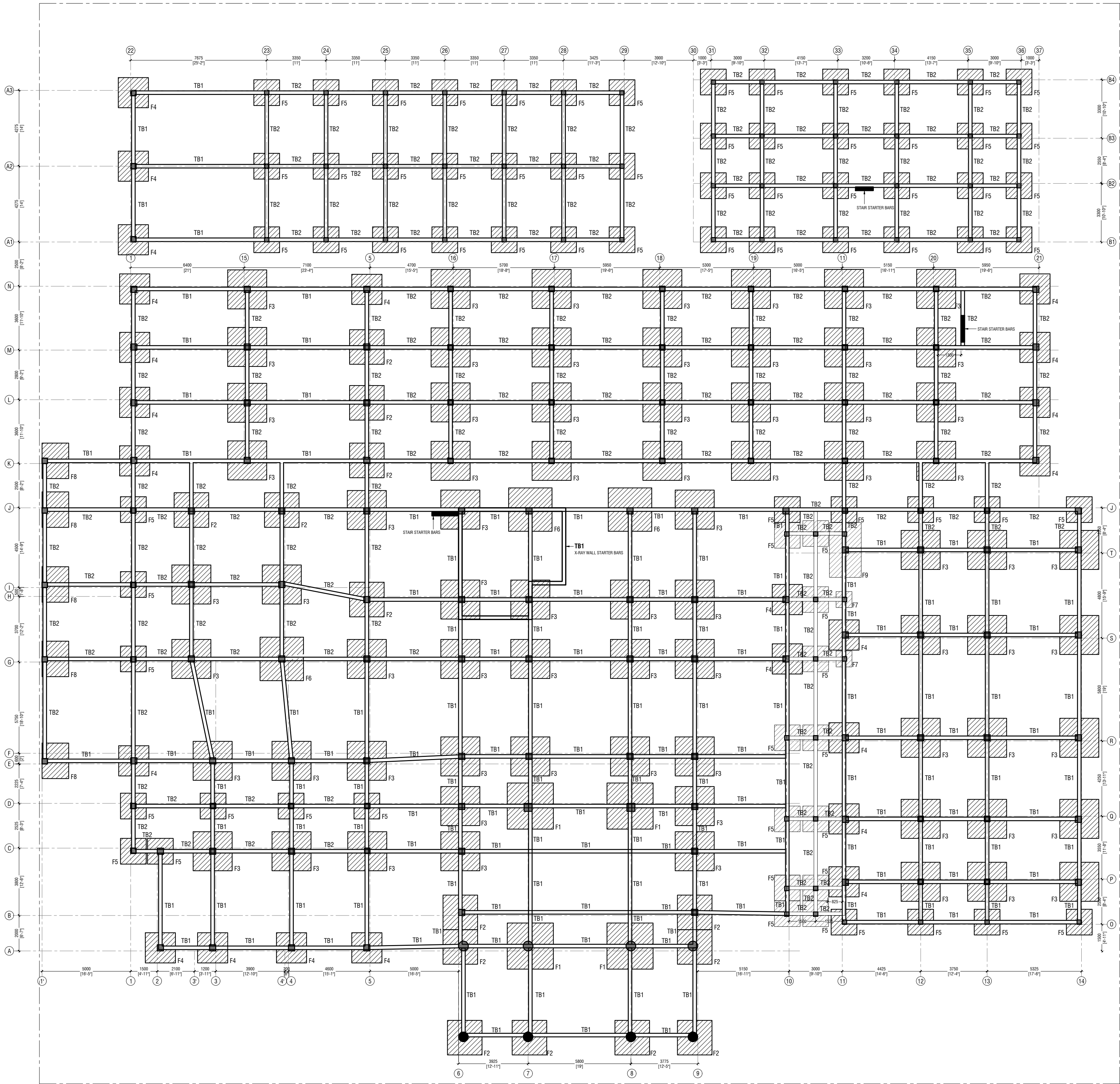


- NOTE:-
- FOR OPENINGS LESS THAN 200x200. SLAB REBARS TO BE ADJUSTED AROUND OPENING.
 - FOR OPENINGS GREATER THAN 250x250 TO BE APPROVED BY THE ENGINEER.
 - ALL SLAB OPENINGS LOCATION TO BE APPROVED BY THE ENGINEER.
 - EQUIVALENT OPENING AREA SHALL APPLY THE DETAILS SHOWN ABOVE.
 - EQUIVALENT OPENING AREA SHALL INCLUDE RECTANGLE, TRIANGLE AND ANY POLYGON SHAPE.
 - EXCEPT HACKING, NO SLAB CORING ARE ADVISABLE FOR POST-TENSIONED SLAB.

TYPICAL TRIMMER BARS DETAILS FOR OPENING IN SLABS

FOUNDATION PLAN

SCALE 1:150



HDh. Makunudhoo Health Center
Client: Ministry of Health

Rev no	Date
1	2022
2	
3	
4	
5	

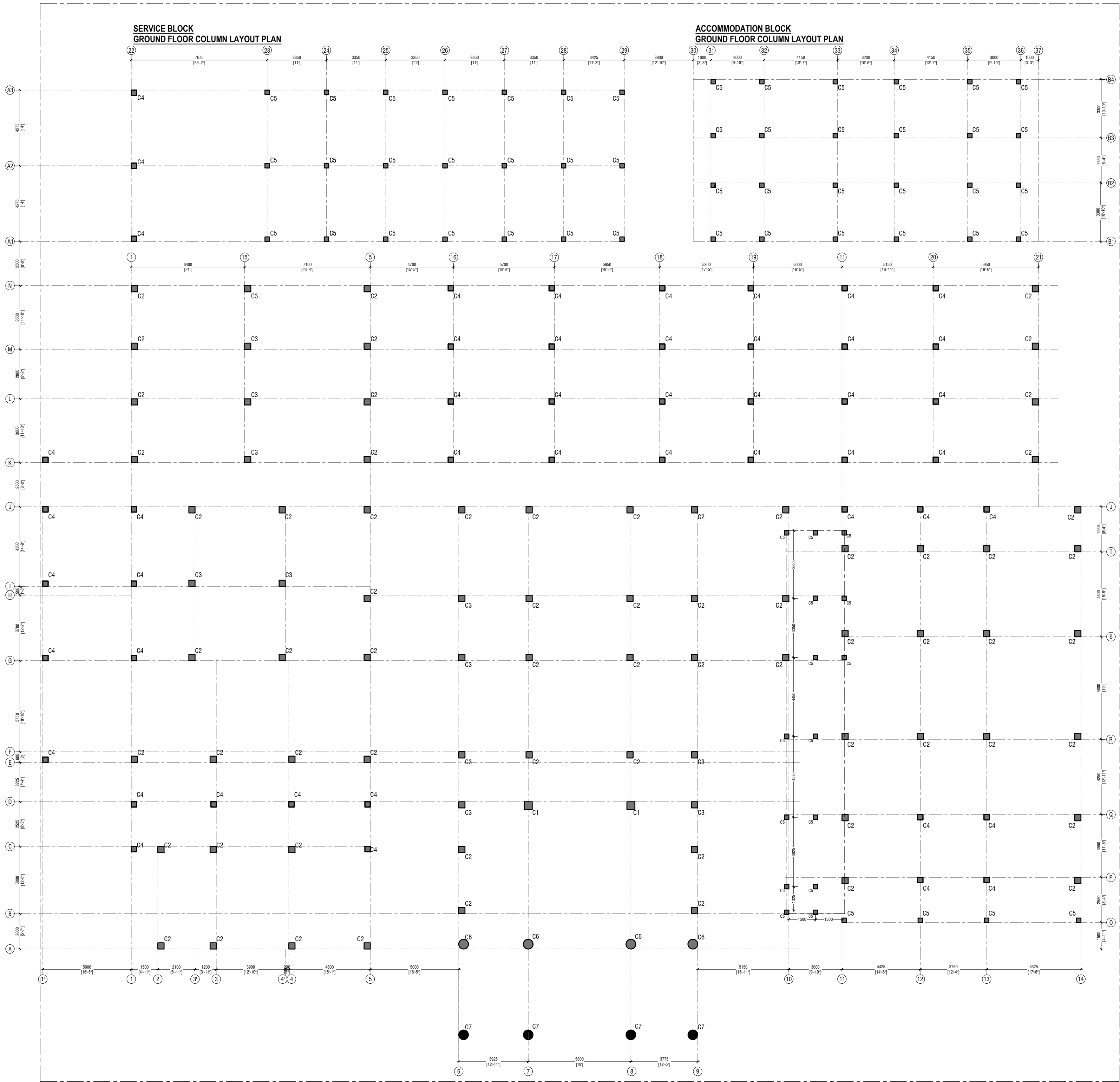


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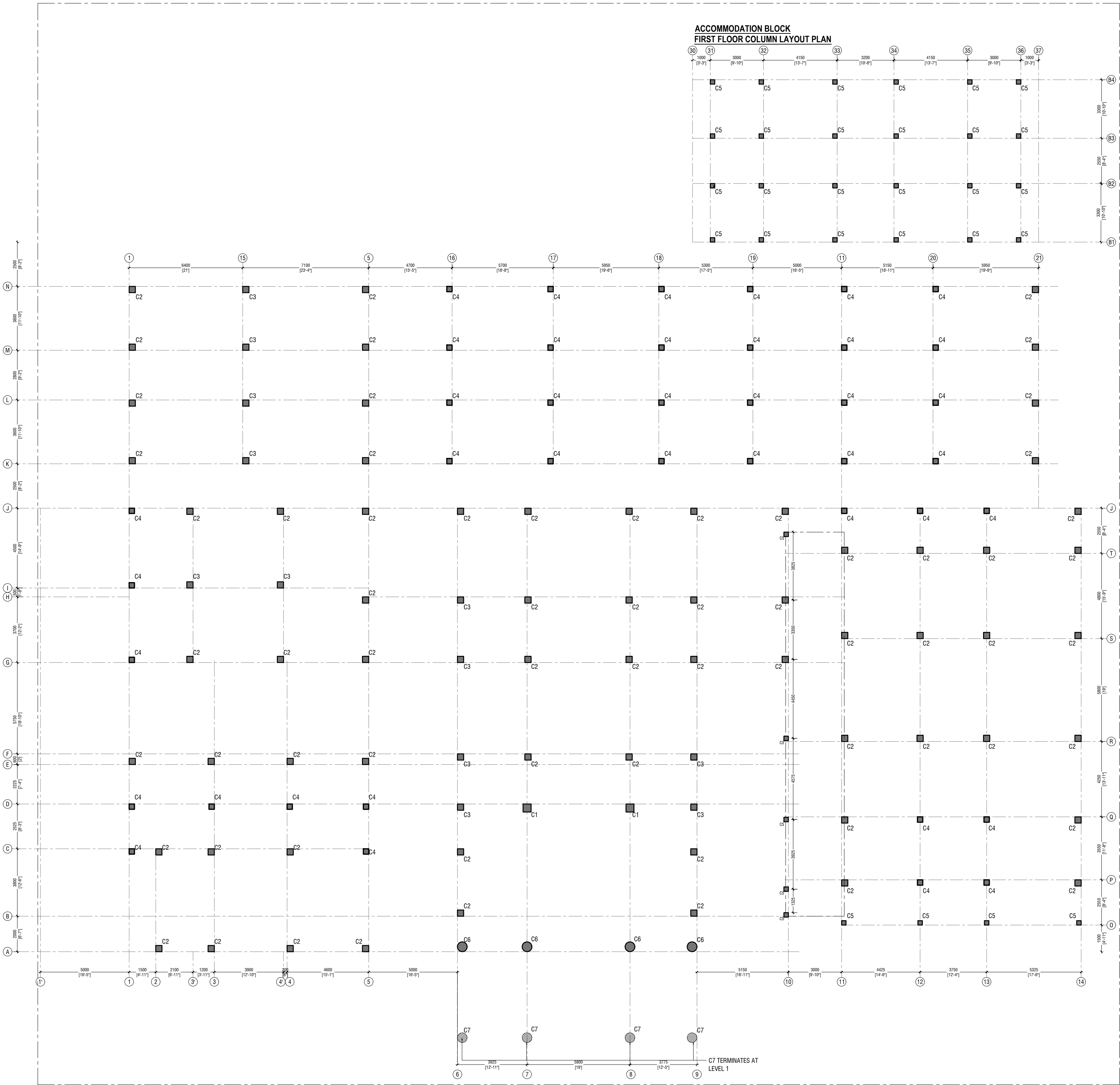
Title: Foundation Plan

Page: S-03/16

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HC FIRST FLOOR
COLUMN LAYOUT PLAN
SCALE 1:150



HDh. Makunudhoo Health Center
Client: Ministry of Health

Rev no	Date
1	10/01/2022
2	10/01/2022
3	10/01/2022
4	10/01/2022
5	10/01/2022
6	10/01/2022
7	10/01/2022
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34	10/01/2022
35	10/01/2022
36	10/01/2022
37	10/01/2022

Project Number: 02/12/2022 - HDH/M
Date: 10/01/2022
Architect: Razana Amir
Engineer: Zinaam Hassan Yousuf
Drawn by: Razana Amir
Scale: 1:150
Interior: -

Page: S-05/16

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3rd floor, H. Azam, Arvenemmagu, Malé

Title: First Floor
Column Layout Plan

Rev no

Date

1

10/01/2022

2

10/01/2022

3

10/01/2022

4

10/01/2022

5

10/01/2022

6

10/01/2022

7

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35

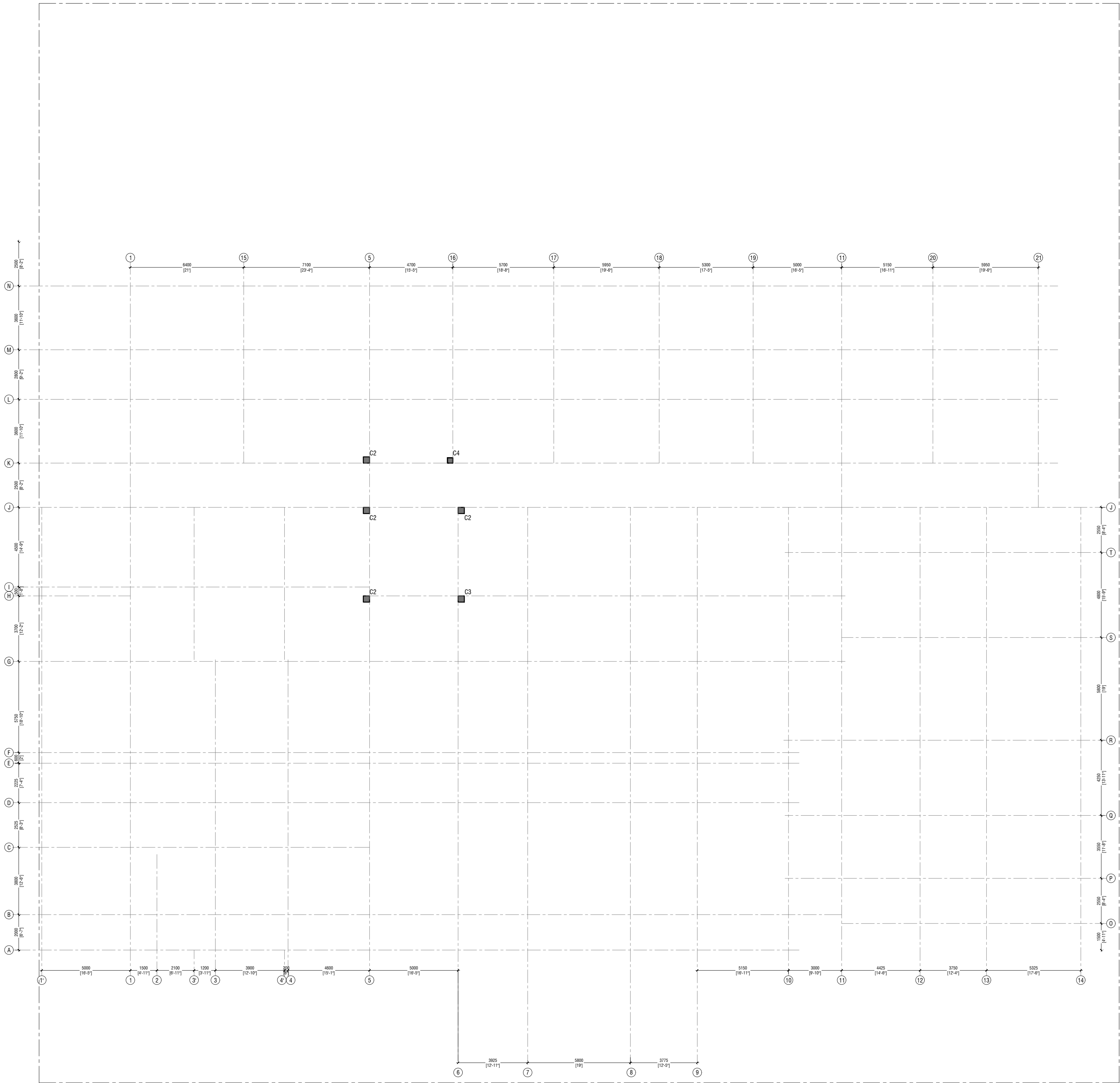
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10/01/2022

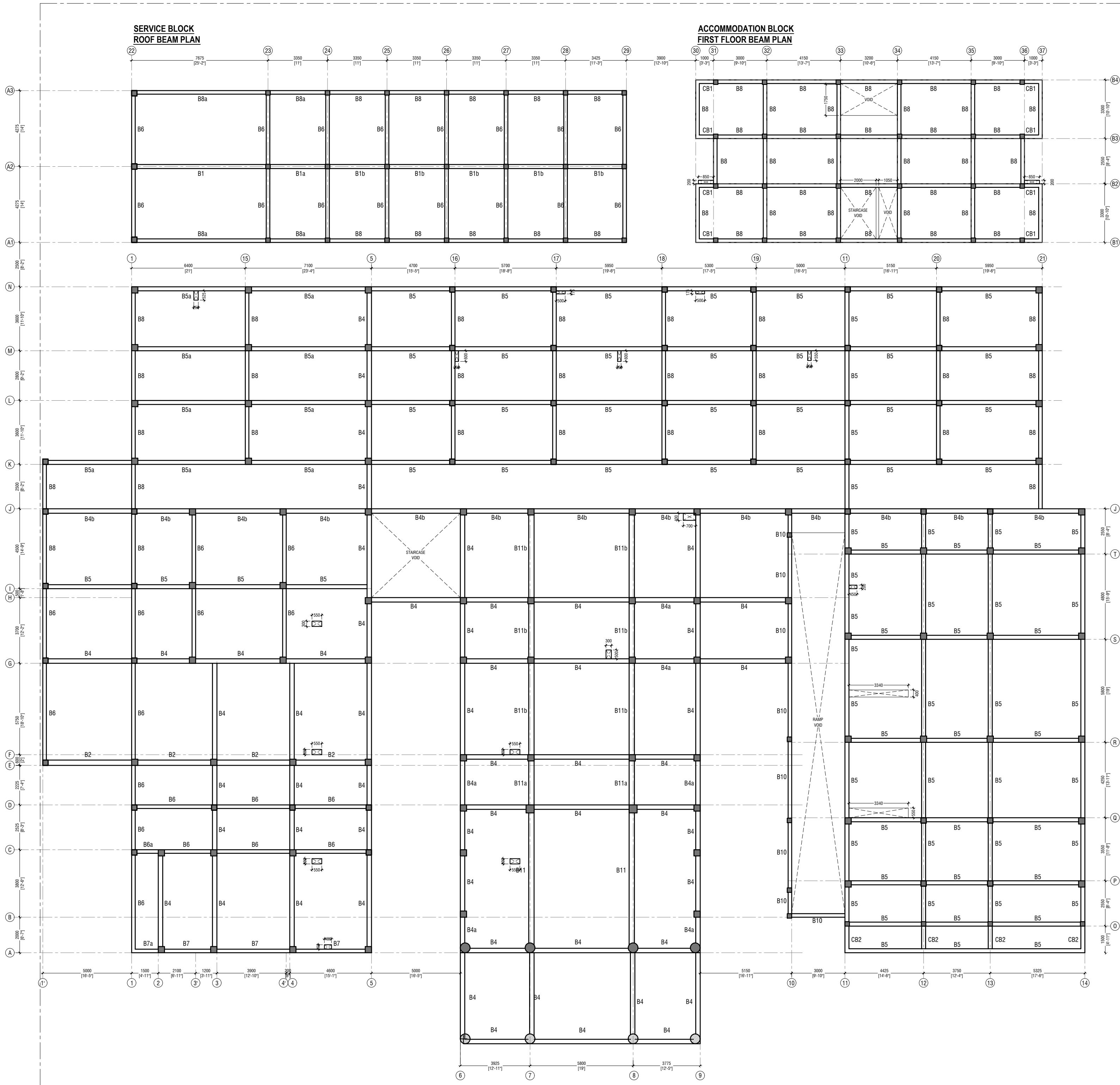
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10/01/2022



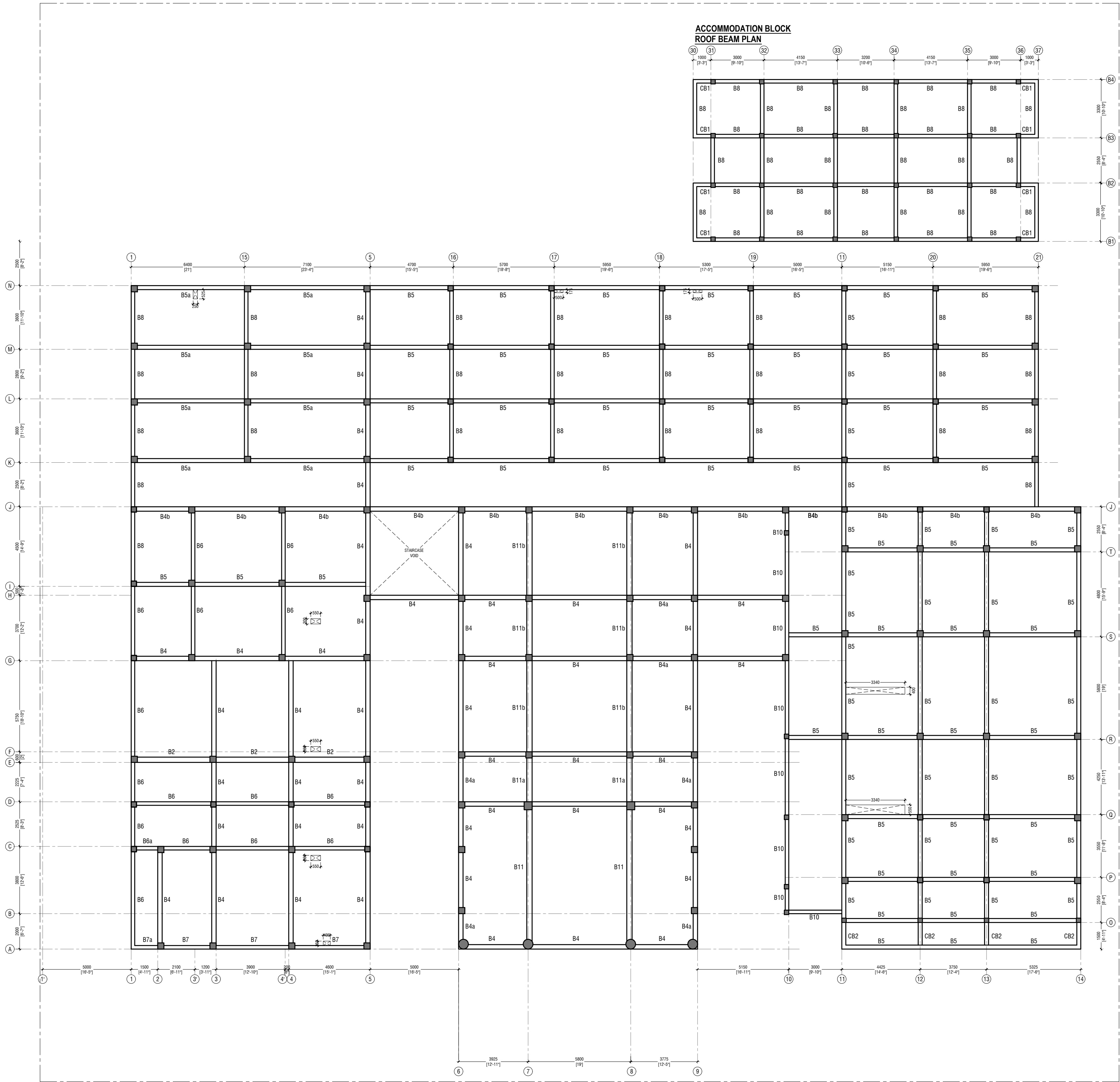
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21	14/01/2022





HC TERRACE FLOOR
BEAM PLAN
SCALE 1:150

0 0.5 1 2 3 4 5



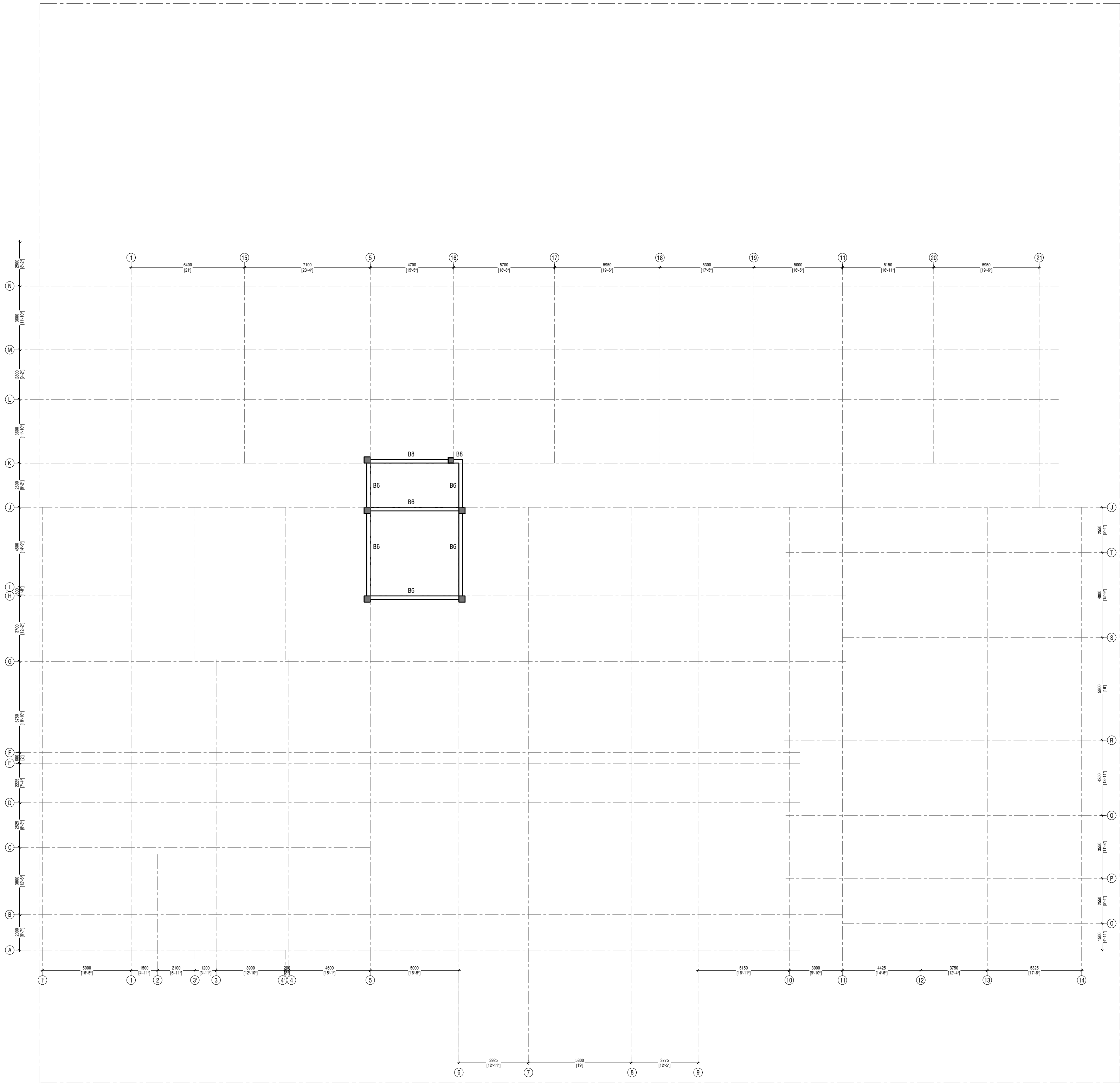
HDh. Makunudhoo Health Center
Client: Ministry of Health

Project Number: 02/12/2024 - HDH/M	Rev no	Date
Date: March 2024	1	13-11-23
Architect: Razana Amir	2	13-11-23
Engineer: Zinaam Hassan Yousuf	3	13-11-23
Drawn by: Razana Amir	4	13-11-23
Checked by: Razana Amir	5	13-11-23
Interior: -	6	13-11-23

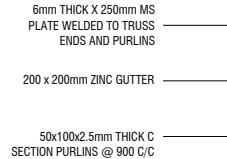
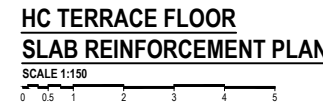
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3rd floor, H. Azam, Arvenemmagu, Malé

Title: Terrace Floor
Beam Plan
Page: S-08/16

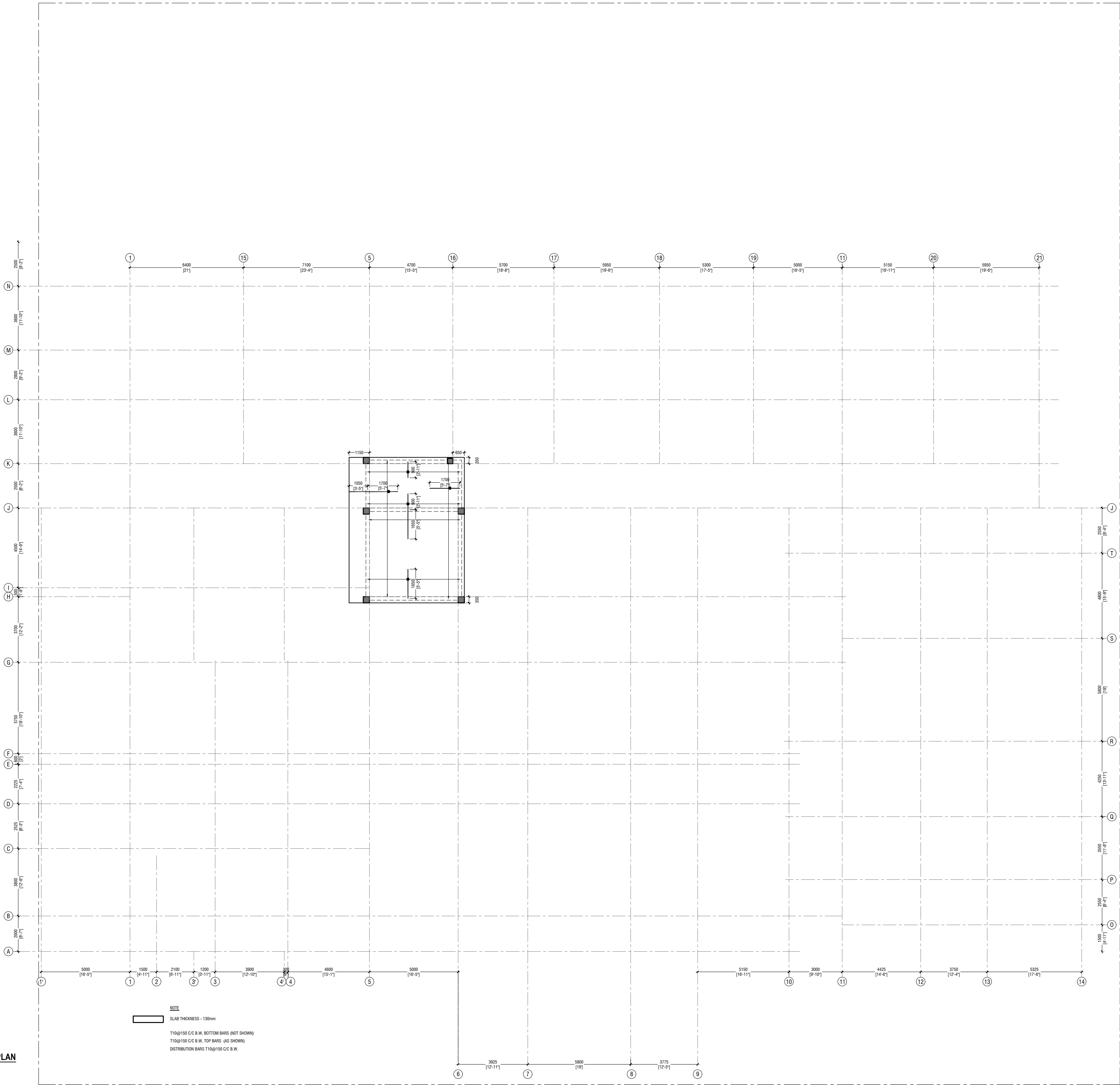
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NOTE
SLAB THICKNESS - 130mm
T10@150 C/C B.W. BOTTOM BARS (NOT SHOWN)
T10@150 C/C B.W. TOP BARS (AS SHOWN)
DISTRIBUTION BARS T10@150 C/C B.W.



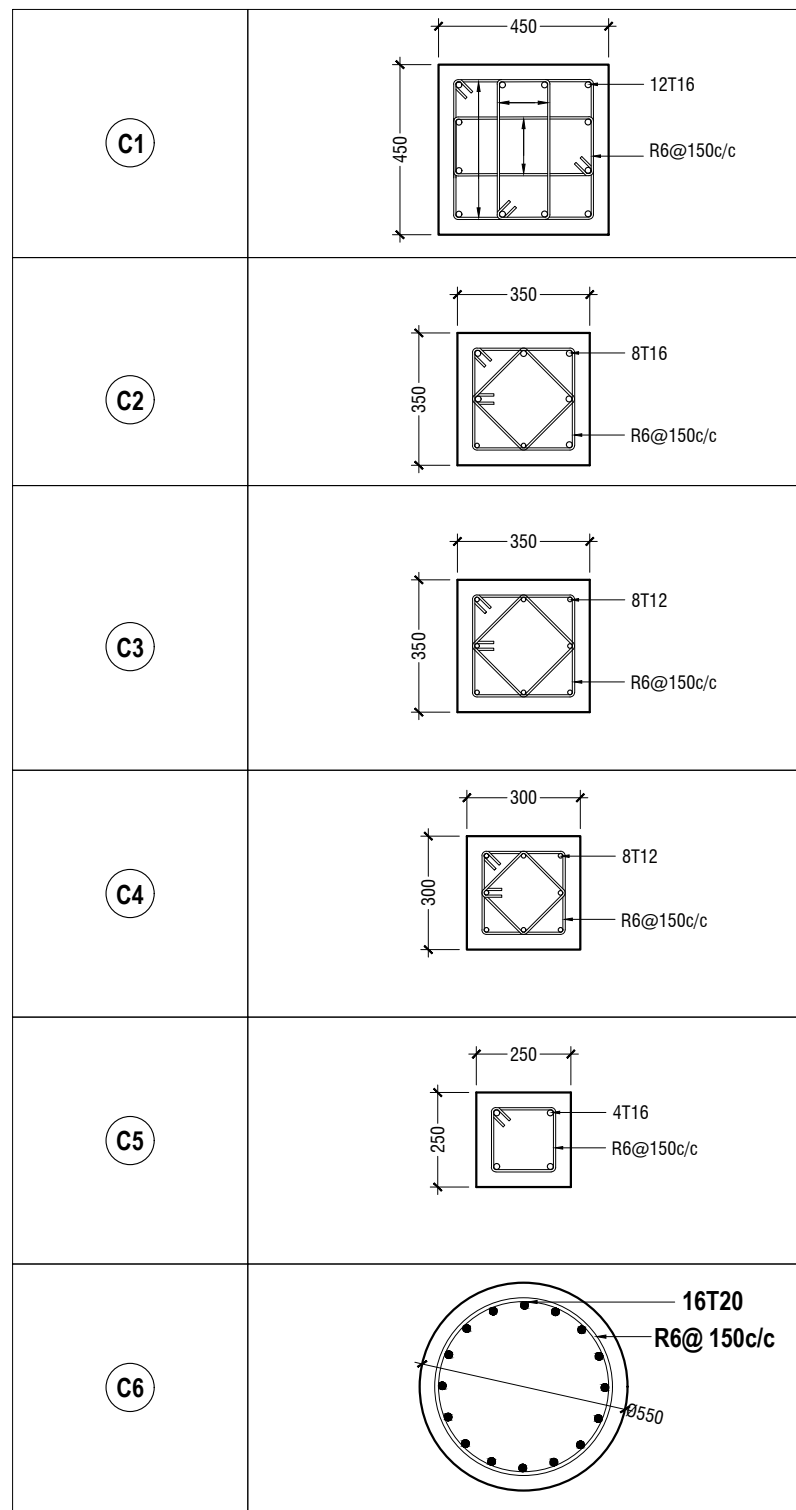
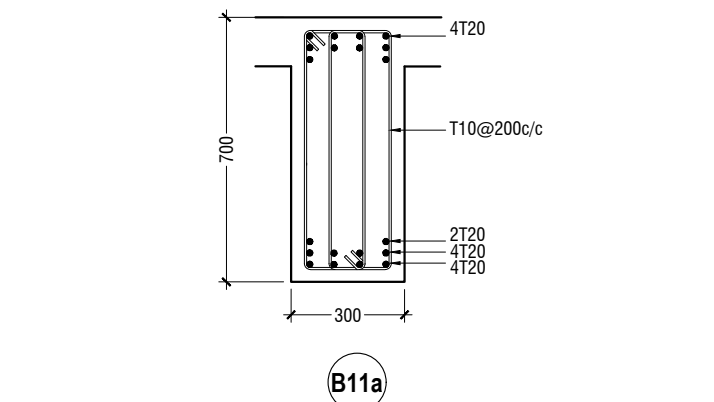
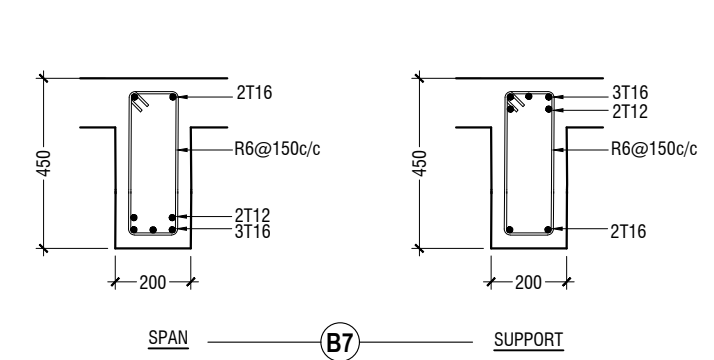
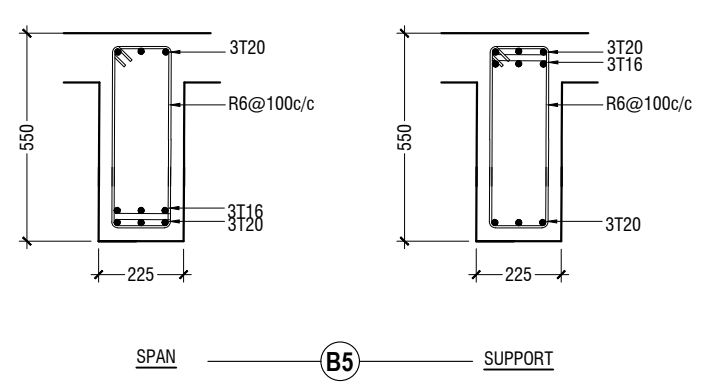
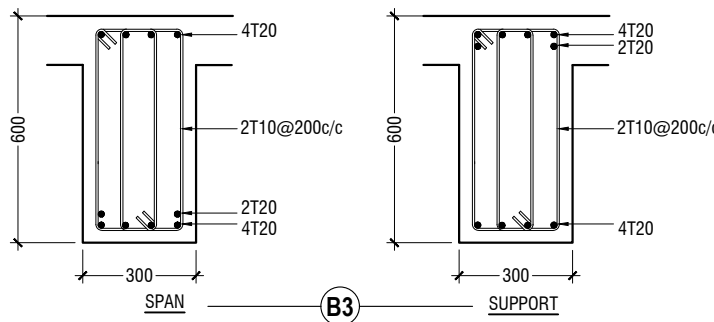
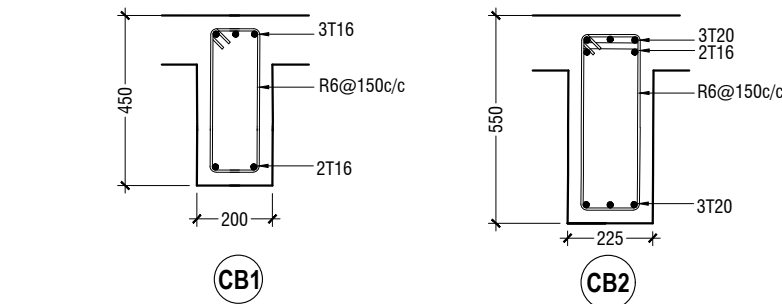
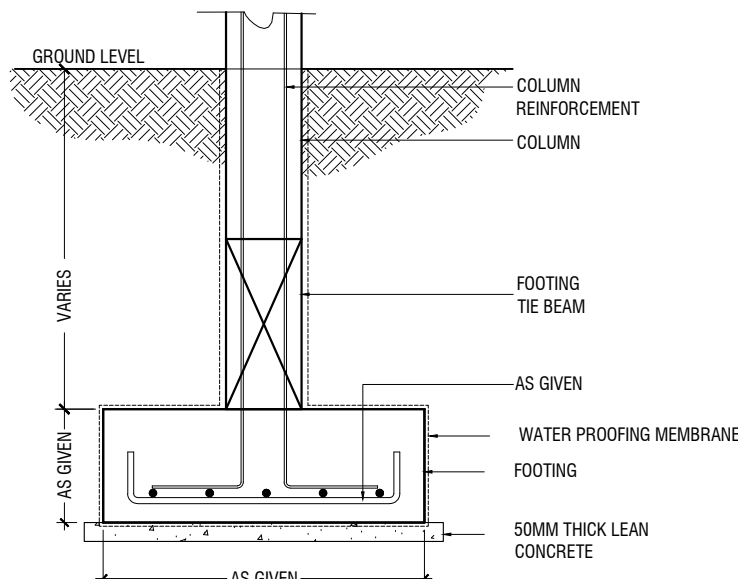
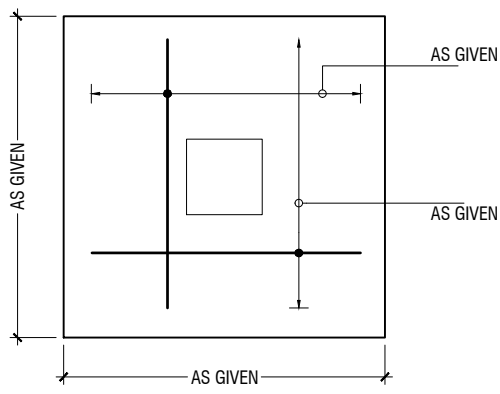
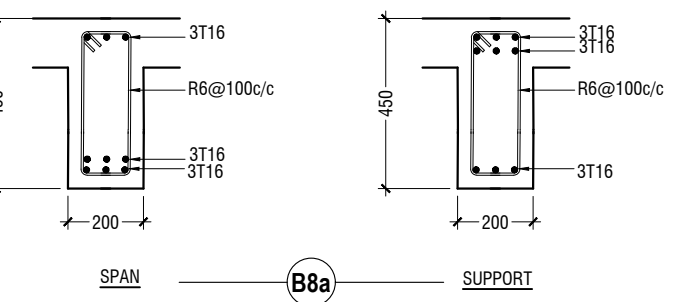
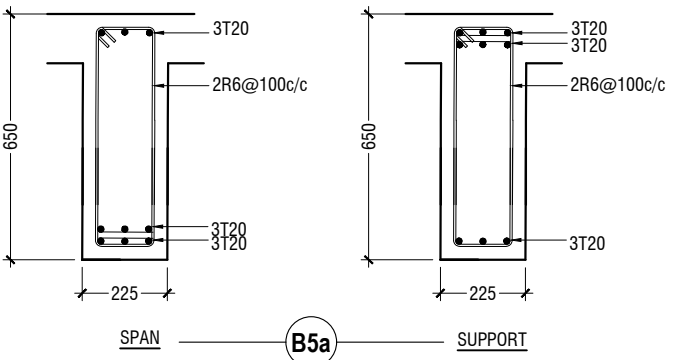
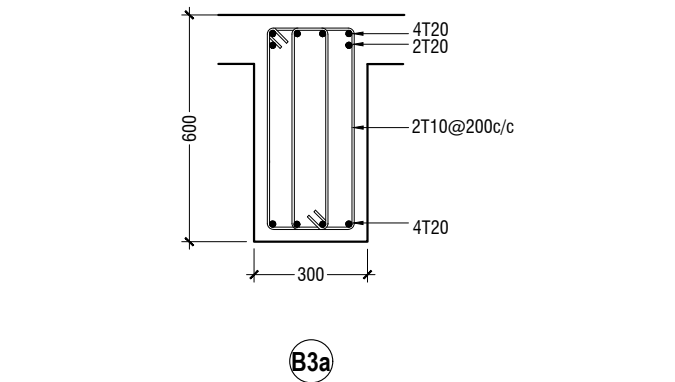
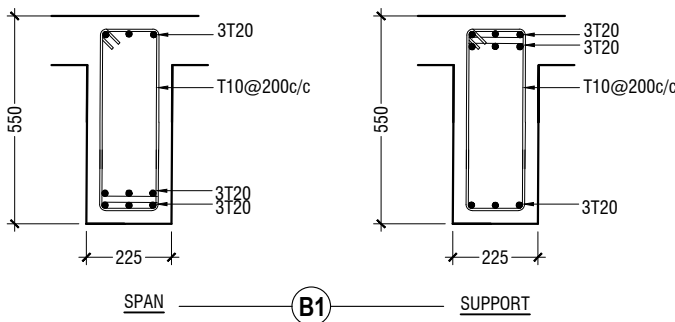
NOTE:-
COVER TO FOUNDATION = 50mm
COVER TO COLUMNS = 40mm
COVER TO BEAMS = 35mm
LAPS = Ø OF BAR x 45
BEAMS @END SUPPORT = Ø OF BAR x 12

CONCRETE GRADE = M25
ASSUMED BEARING CAPACITY = 150KPa
GROUND SLAB 150mm THICK T10@150 C/C BW (SINGLE LAYER)

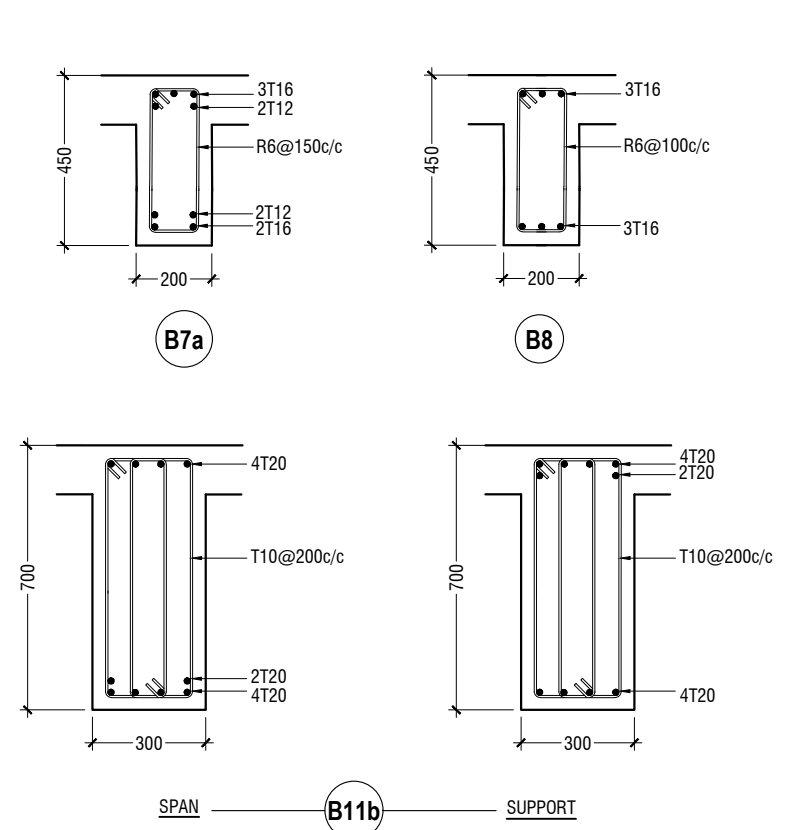
STRUCTURAL DETAILS - 1

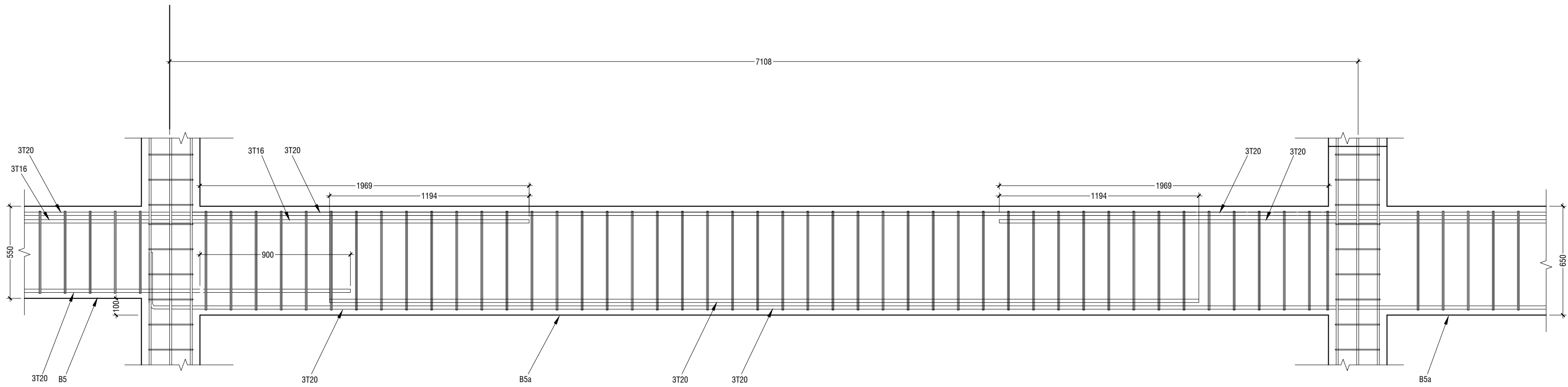
SCALE 1:20

BEAM DETAILS



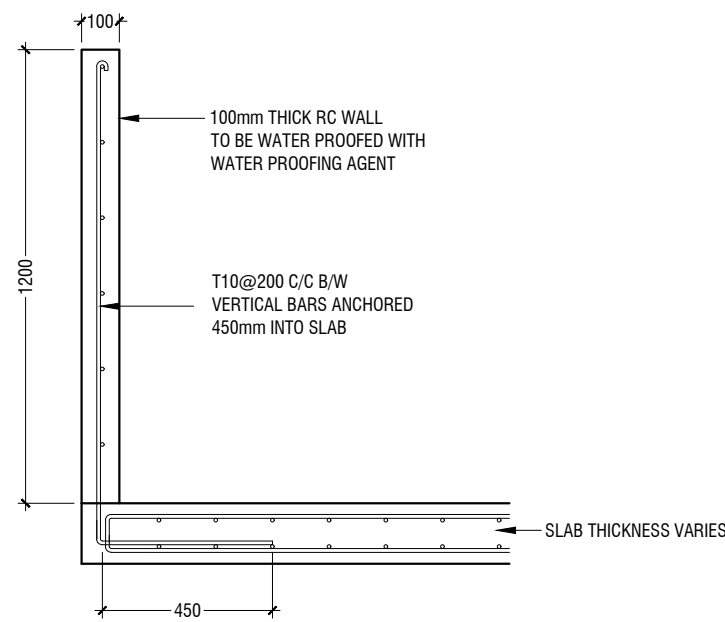
COLUMN DETAILS





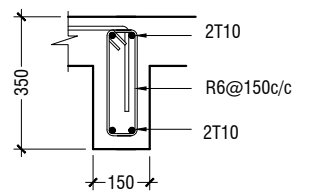
B5 TO B5a CONNECTION

SCALE 1:20



PARAPET WALL

SCALE 1:20



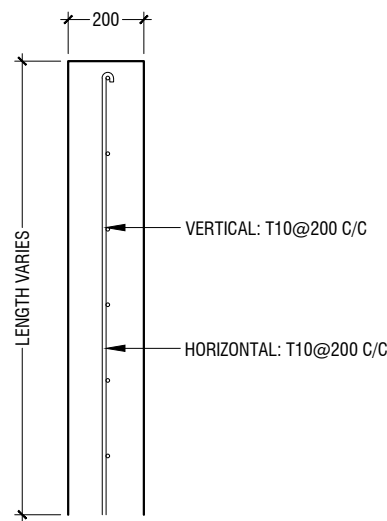
DROP SLAB (DS) DETAIL

SCALE 1:20



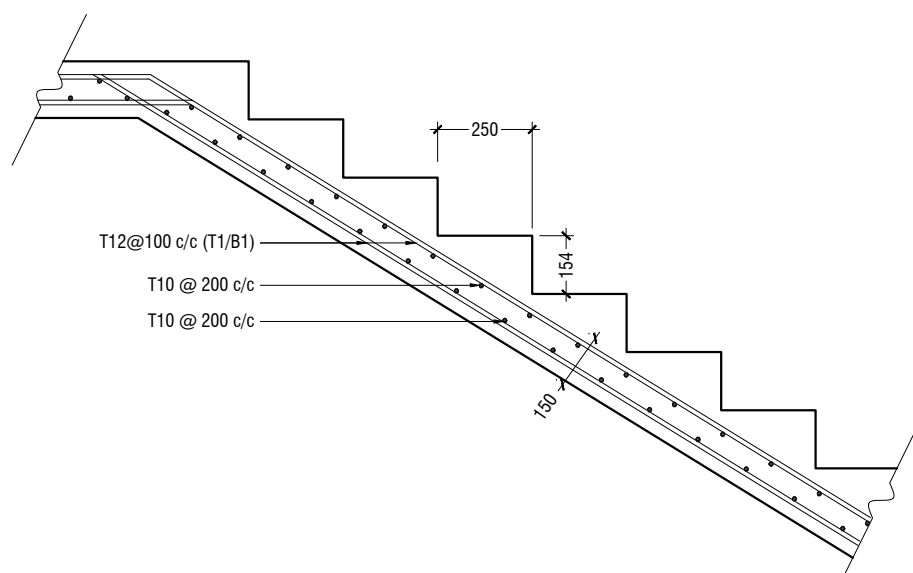
STRUCTURAL DETAILS - 2

SCALE 1:20



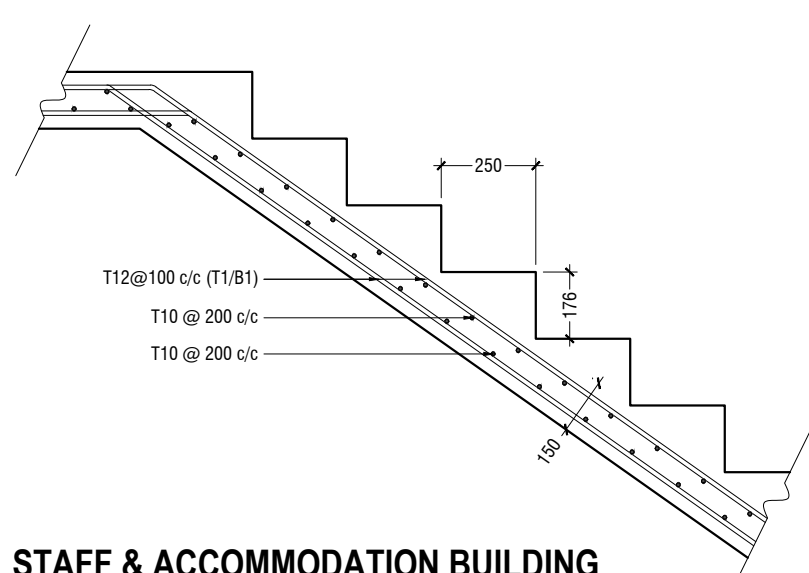
REINFORCED WALL (X-RAY ROOM) - TOP VIEW

SCALE 1:20



MAIN STAIRCASE REINFORCEMENT DETAIL

SCALE 1:20



STAFF & ACCOMMODATION BUILDING STAIRCASE REINFORCEMENT DETAIL

SCALE 1:20



HDh. Makunudhoo Health Center
Client: Ministry of Health

Rev no	Date
1	01/01/2022
2	01/01/2022
3	01/01/2022
4	01/01/2022
5	01/01/2022
6	01/01/2022
7	01/01/2022
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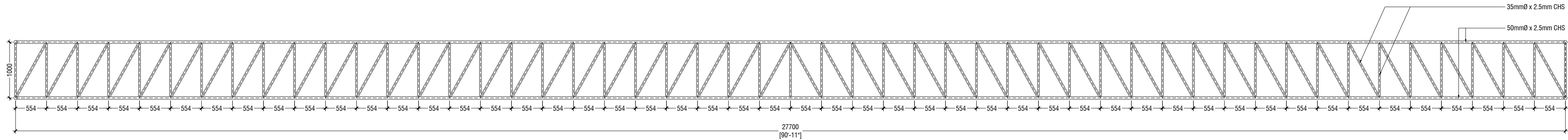


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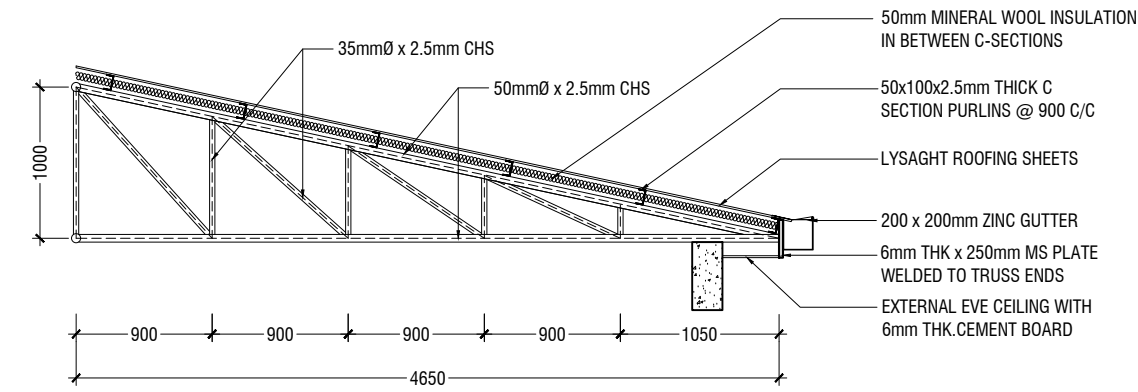
Title: Structural Details - 2

Page: S-14/16

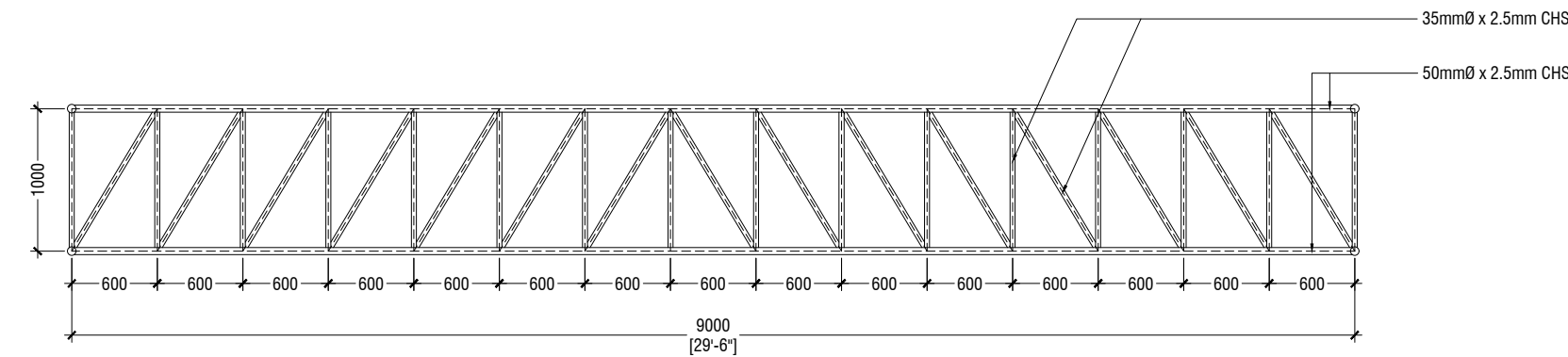
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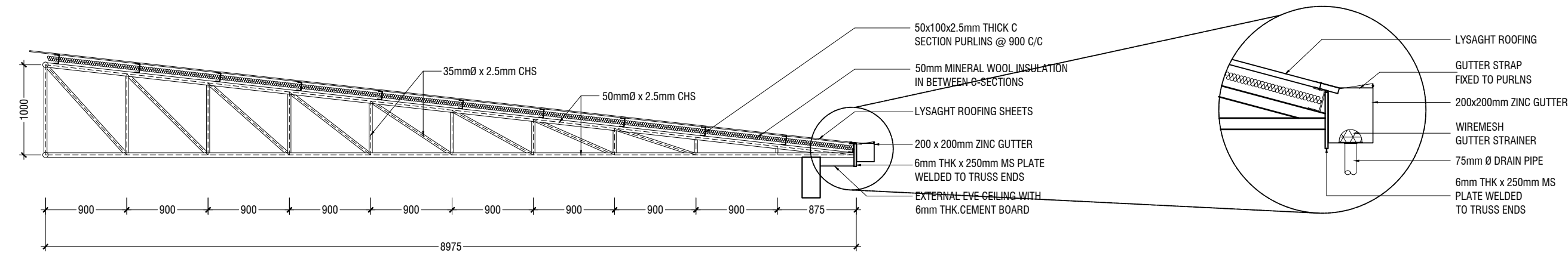
TR1



TR2



TR3



TR4

TRUSS DETAILS

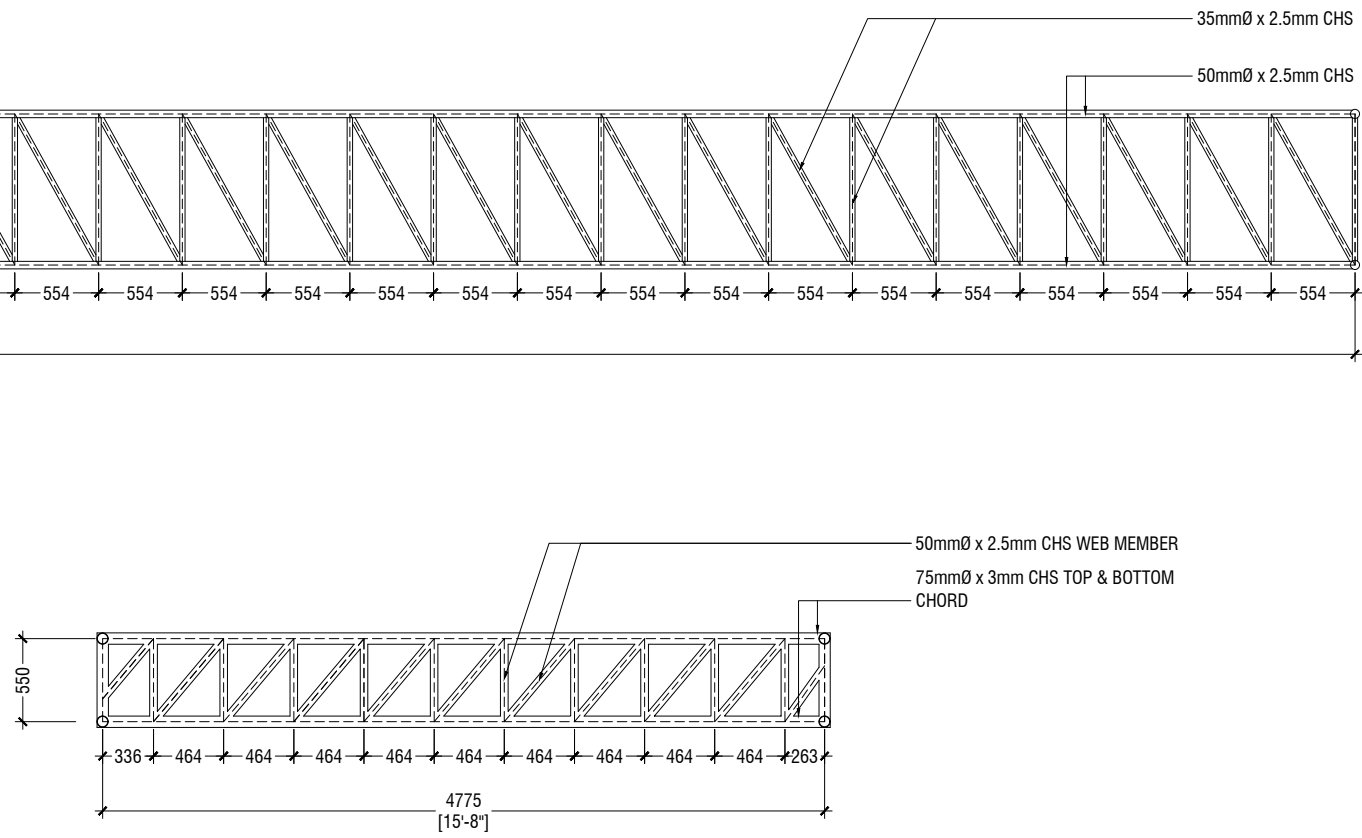
SCALE 1:50

NOTE

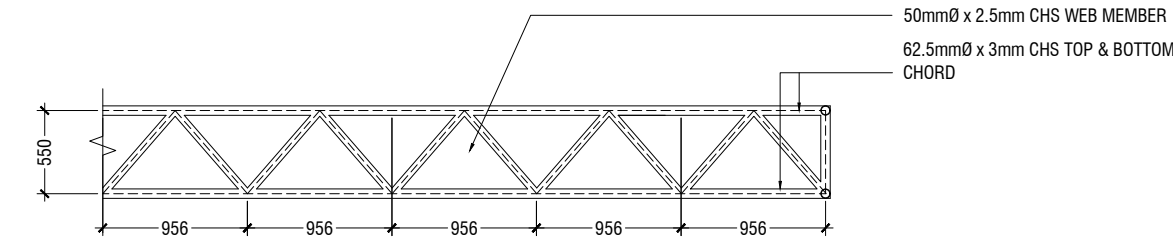
- CORROSION PROTECTION: GALVANIZED COATING THICKNESS SHALL NOT BE LESS THAN 80 MICRONS
- ALL FILLET WELDS TO BE 4mm THICK
- CONTRACTOR AND CONSULTANT TO CONFIRM ON SITE TRUSS SPAN AND DIMENSIONS BEFORE FABRICATION

GUTTER/FASCIA DETAIL

SCALE 1:20



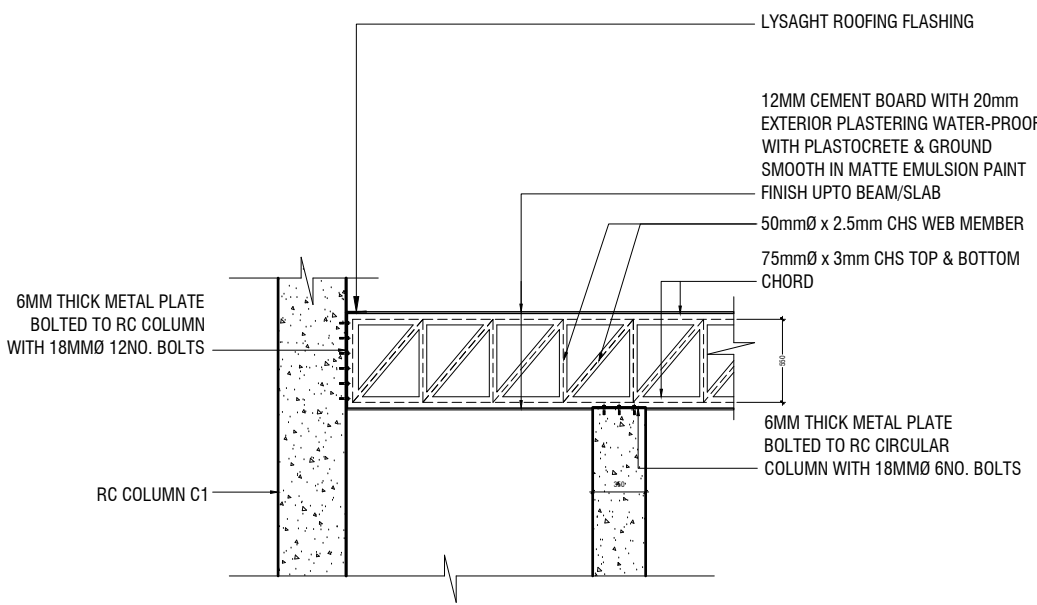
TR5



TR6

PORTICO TRUSS DETAILS

SCALE 1:50



TRUSS TO COLUMN DETAILS

SCALE 1:50

HDh. Makunudhoo Health Center
Client: Ministry of Health

Rev no	Date
1	2022
2	2022
3	2022
4	2022
5	2022
6	2022
7	2022
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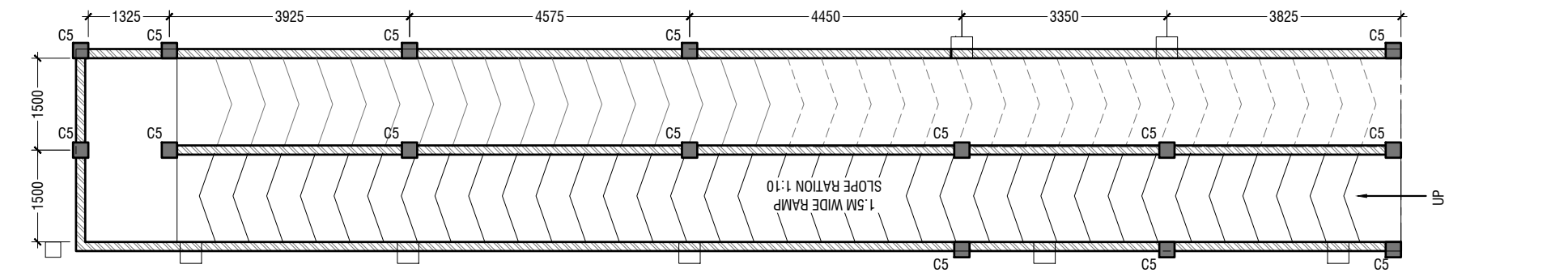


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3rd floor, H. Azam, Armeenemogga, Male'

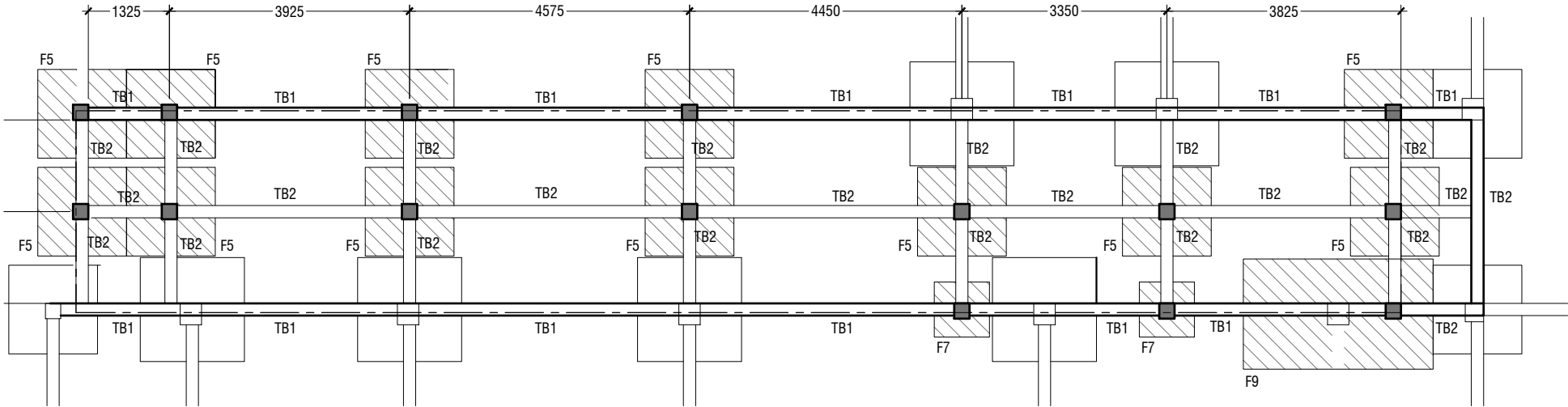
Title: Truss Details

Page: S-15/16

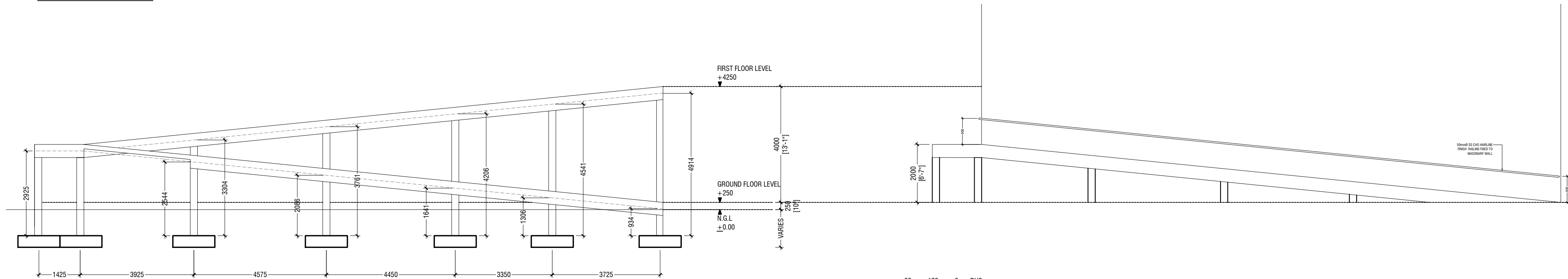
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PLAN



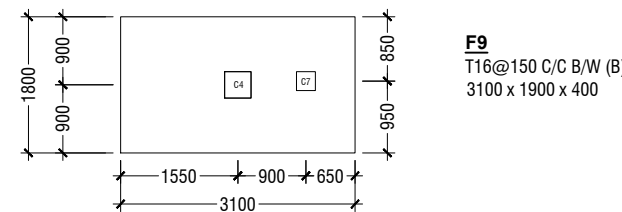
FOUNDATION PLAN



RAMP SLABS ARE ALL 150mm THICK with T10 @150c/c T/B

1450 x 1450 x 400

SECTION

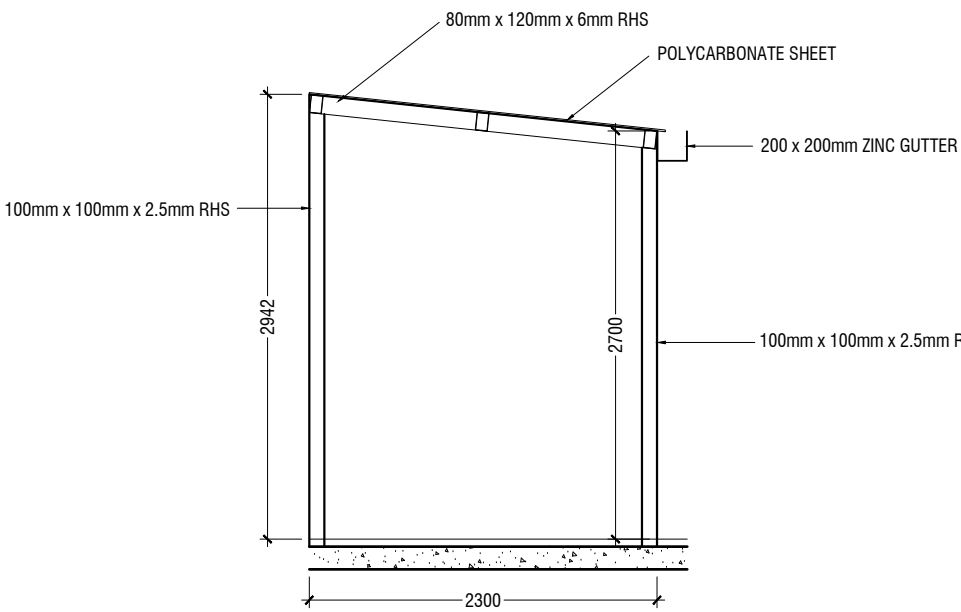


F9
T16@150 C/C B/W (B)
3100 x 1900 x 400

COMBINED FOUNDATION DETAILS

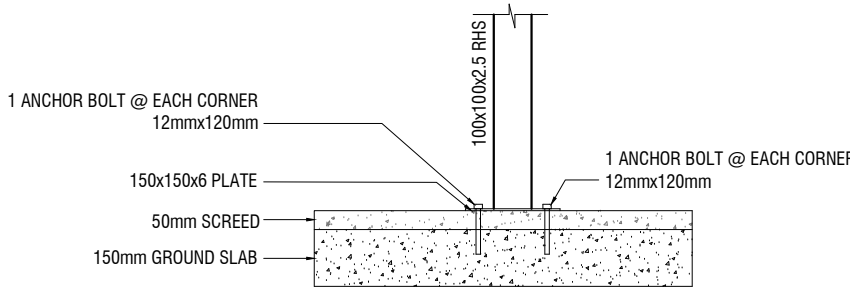
RAMP DETAILS

SCALE 1:100



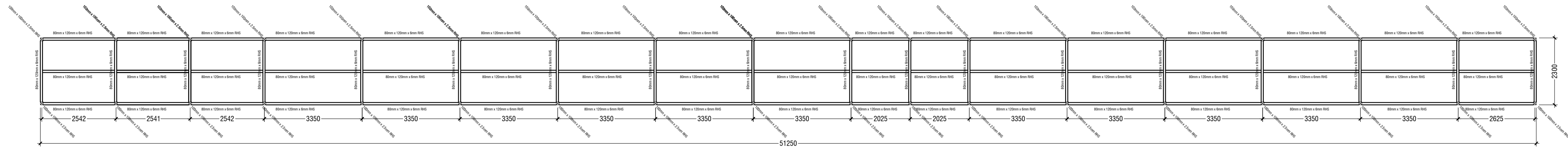
SECTION

SCALE 1:50



COLUMN FIXING DETAIL

SCALE 1:20



SERVICES CORRIDOR ROOFING DETAILS

PLAN

SCALE 1:100



HDh. Makunudhoo Health Center
Client: Ministry of Health

Project Number: 697123MOH - HDHM
Date: March 2022
Architect: Razana Amir
Engineer: Zinaam Hassan Yousuf
Drawn by: Razana Amir
Interior: -



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Title: Ramp & Services
Corridor Roofing Details

Page: S-16/16

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