

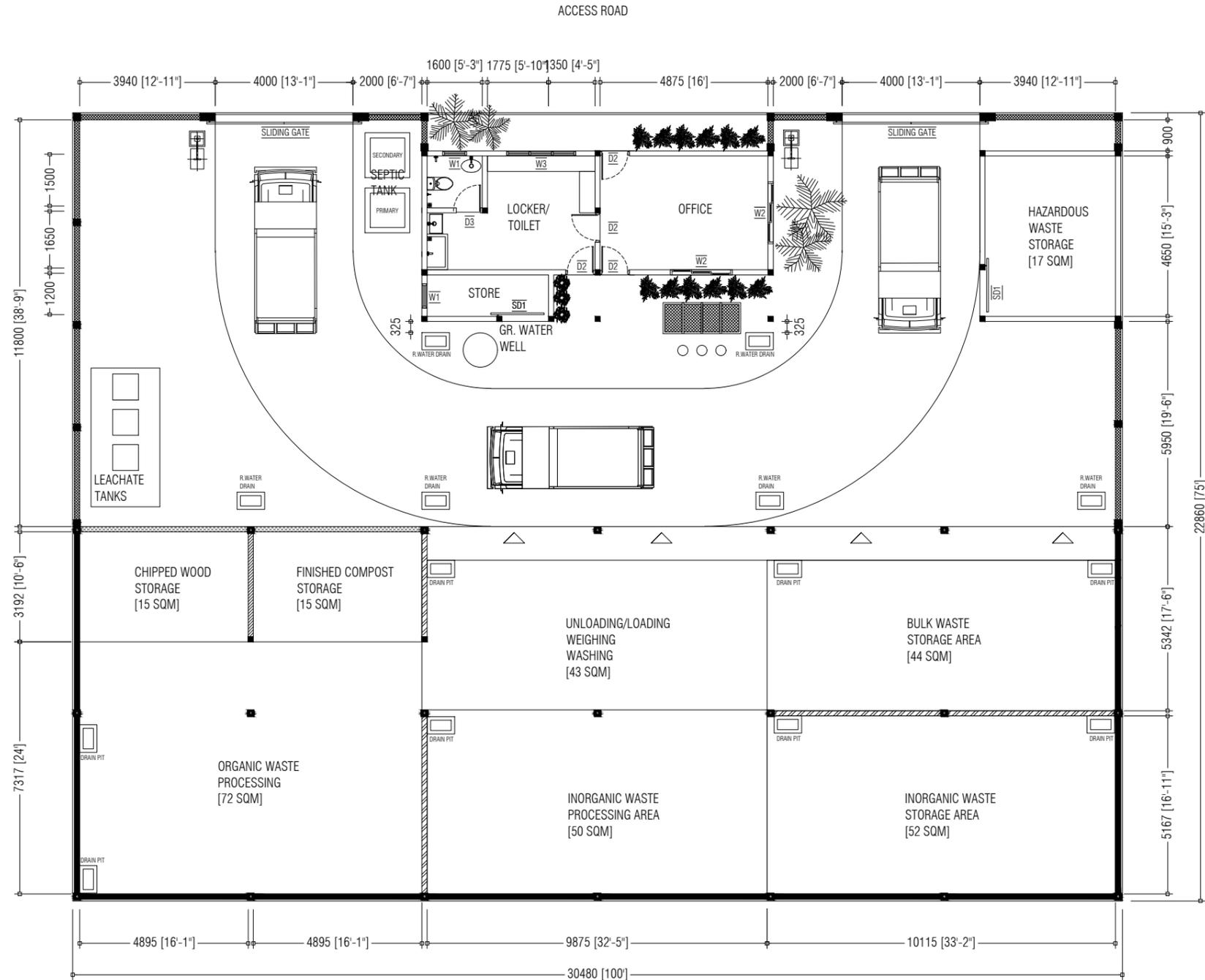
CONSTRUCTION OF DH.MAAENBOODHOO
ISLAND WASTE AND RESOURCE MANAGEMENT CENTRE



PREPARED BY:

MALDIVES CLEAN ENVIRONMENT PROJECT
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY

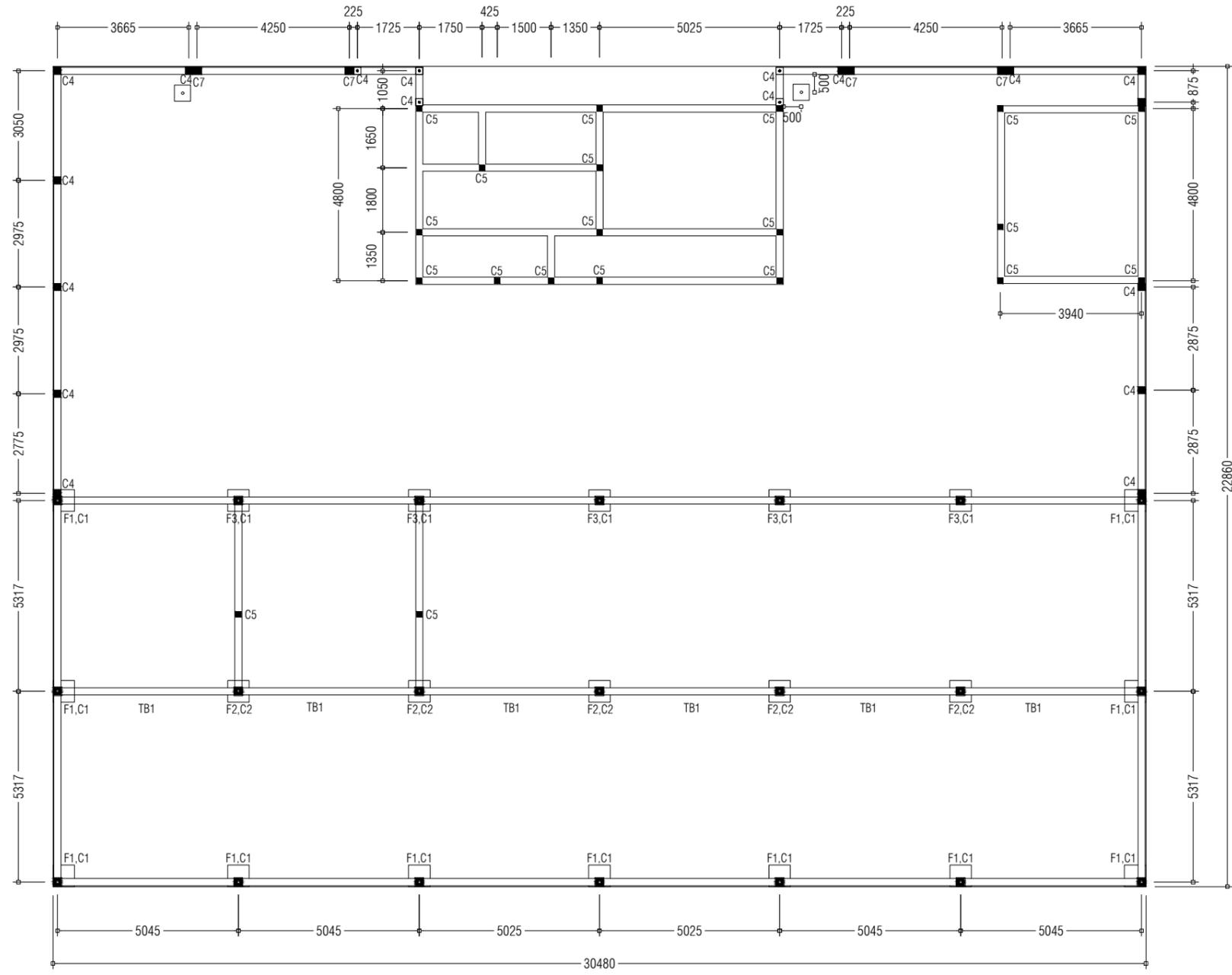
JANUARY 2024



NOTE:

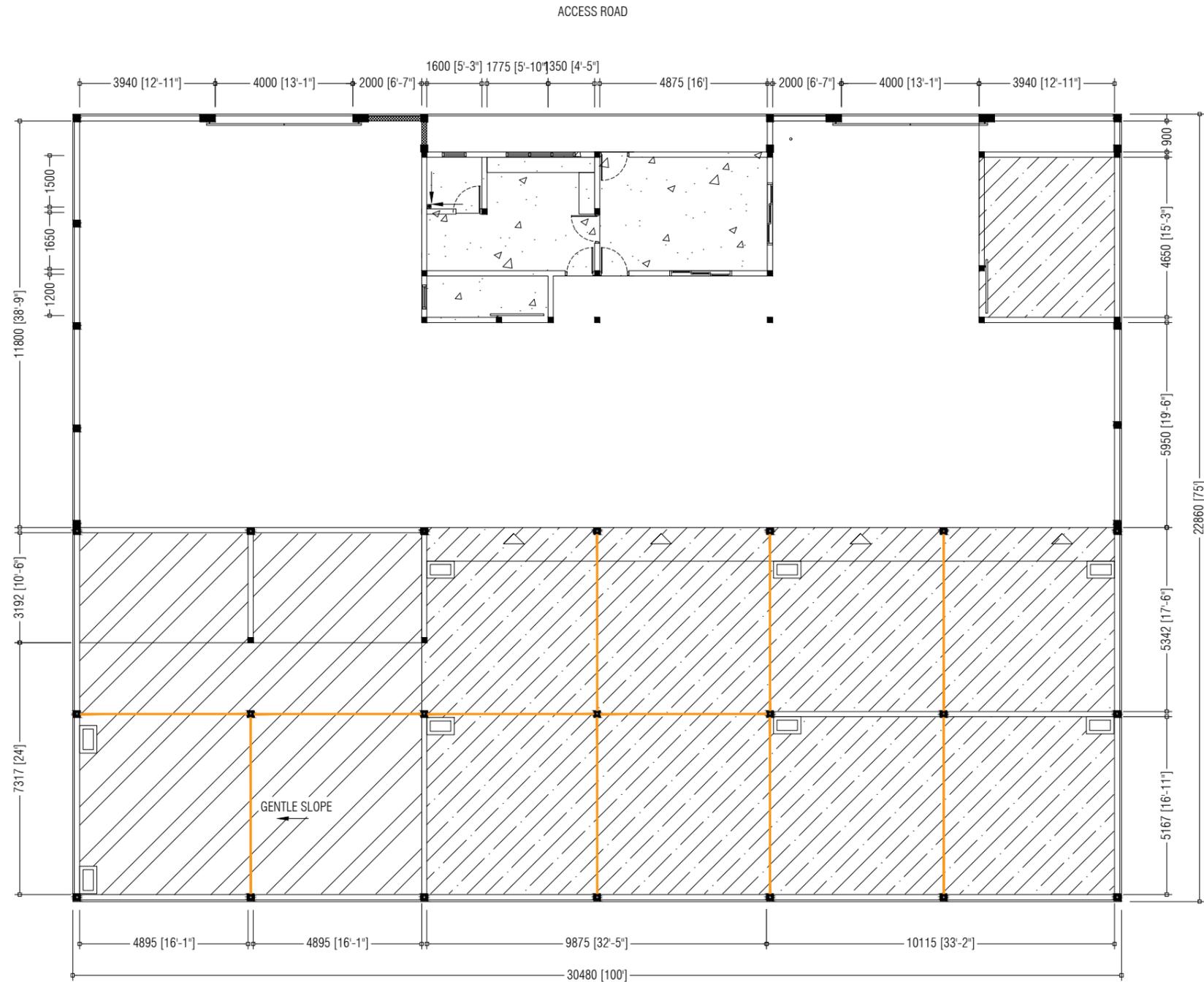
- 600mm HEIGHT WALL + 2m HEIGHT CLADDING ON TOP
- 1500mm HEIGHT WALL
- OFFICE / HAZARDOUS WASTE BUILDING WALLS
- 600mm HEIGHT MASONRY WALL + FULL HEIGHT CLADDING ON TOP
- 600mm HEIGHT MASONRY WALL + 2m HEIGHT CLADDING + LOUVERS ON TOP
- BOUNDARY FENCE

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
MCEP MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES. TEL: +960-3018431, +960-3018300, FAX: +960-328301	CONSTRUCTION OF IWRMC DH.MAAENBOODHOO	MA	
	TITLE	STRUCTURE BY	
	FLOOR PLAN	MA	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	MA	
	PAPER SIZE A3	SCALE	1:150
	PAGE NO. 02	DWG NO.	MAEN-A1-02
	DATE	17.10.2021	



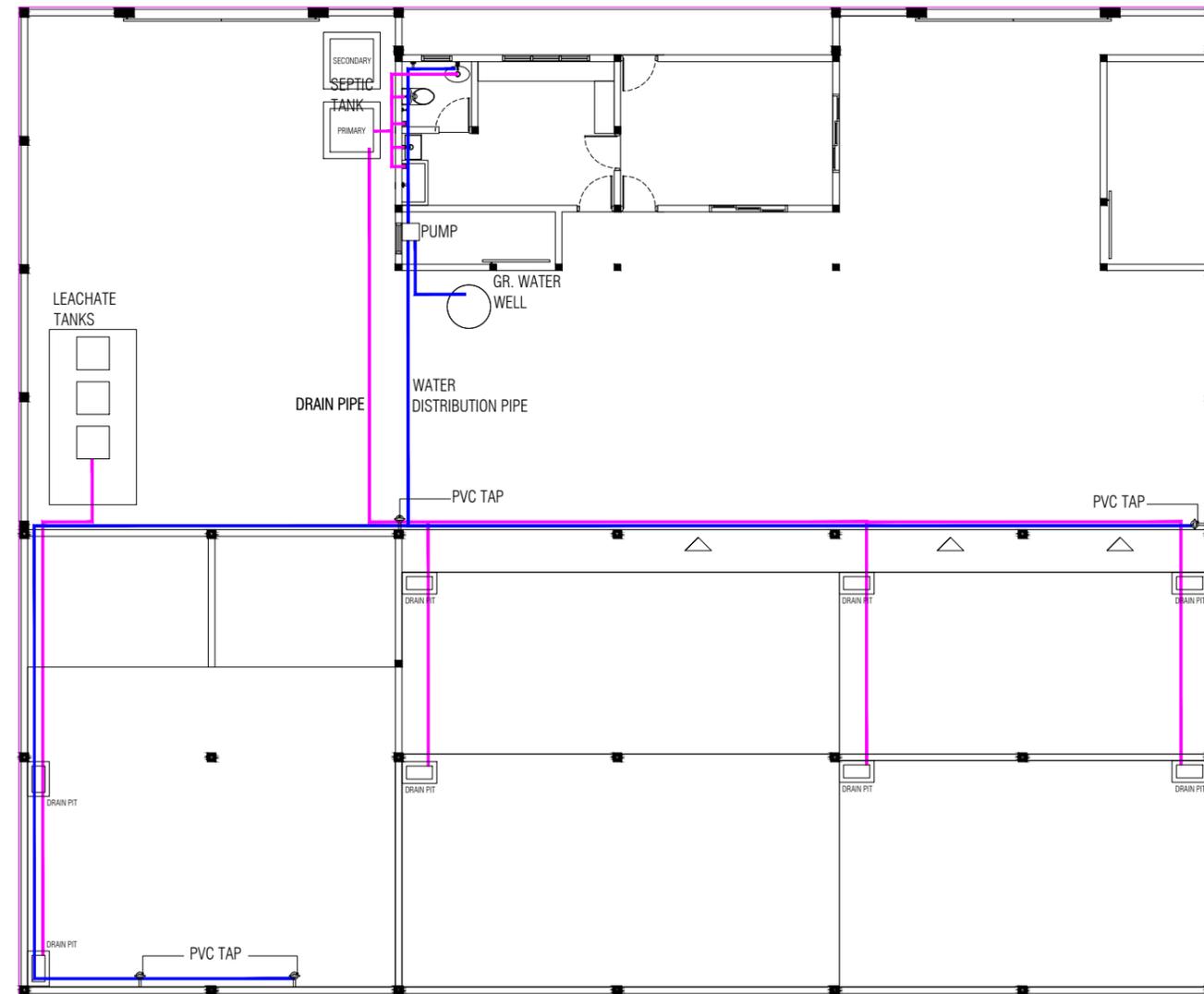
NOTE:
 TIE BEAMS [200X200mm]
 LAMP POST FOOTING [450X450mm]

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
 MCEP MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301	CONSTRUCTION OF IWRMC DH.MAAENBOODHOO	MA	
	TITLE FOUNDATION PLAN	STRUCTURE BY MA	
	CLIENT DEPARTMENT WMPC DEPARTMENT	DRAWN BY MA	
	PAPER SIZE A3	SCALE 1:150	
	PAGE NO. 03	DWG NO. MAEN-A1-03	
		DATE 17.10.2021	

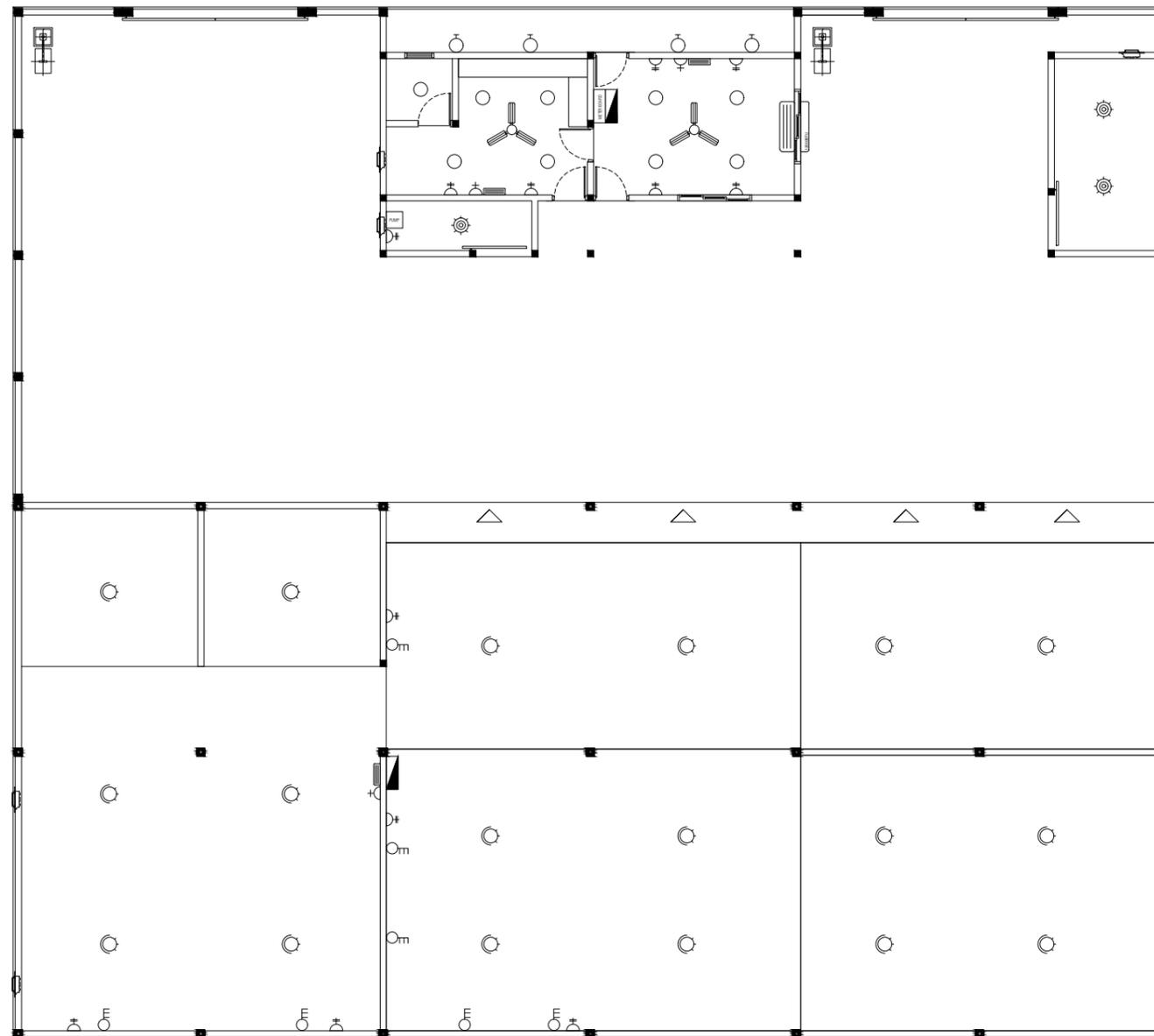


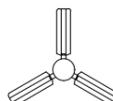
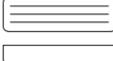
- NOTE:**
- 75mm FLOOR SLAB
 - 100mm FLOOR SLAB
 - 100mm FLOOR SLAB
 - EXPANSION JOINTS

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	TITLE	STRUCTURE BY	
	FLOOR SLAB PLAN	MA	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPD DEPARTMENT	MA	
	PAPER SIZE A3	SCALE	1:150
PAGE NO. 04	DWG NO.	MAEN-A1-04	
	DATE	17.10.2021	



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	TITLE	STRUCTURE BY	
	PLUMBING PLAN	MA	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	MA	
	PAPER SIZE A3	SCALE	NTS
	PAGE NO. 07	DWG NO.	MAEN-A1-07
	DATE	17.10.2021	



- METER BOARD 
- DISTRIBUTION BOARDS 
- 20W LED LIGHT (DAY LIGHT) 
- 20W CEILING MOUNT LED LIGHT (WARM WHITE) 
- 20W WALL MOUNT EXTERIOR LED LIGHT (WARM WHITE) 
- 100W SWIVEL LED FLOOD LIGHT (DAY LIGHT) 
- 10W WALL MOUNT LED EMERGENCY LIGHT (DAY LIGHT) 
- 1SAMP DOUBLE SOCKET 
- 3 PHASE, 15A POWER POINTS [1.5m ABOVE FL. LEVEL] 
- 3 PHASE, WATERPROOF, 15A POWER POINTS [1.5m ABOVE FL. LEVEL] 
- CEILING FAN 
- EXHAUST FAN 
- AC WITH OUTLET [12,000 BTU] 

PREPARED BY

PROJECT

DESIGN BY

AMENDMENTS

CONSTRUCTION OF IWRMC
DH.MAAENBOODHOO

MA

TITLE
ELECTRICAL PLAN

STRUCTURE BY

MA

CLIENT DEPARTMENT
WMPC DEPARTMENT

DRAWN BY

MA

PAPER SIZE A3

SCALE

NTS

PAGE NO. 08

DWG NO.

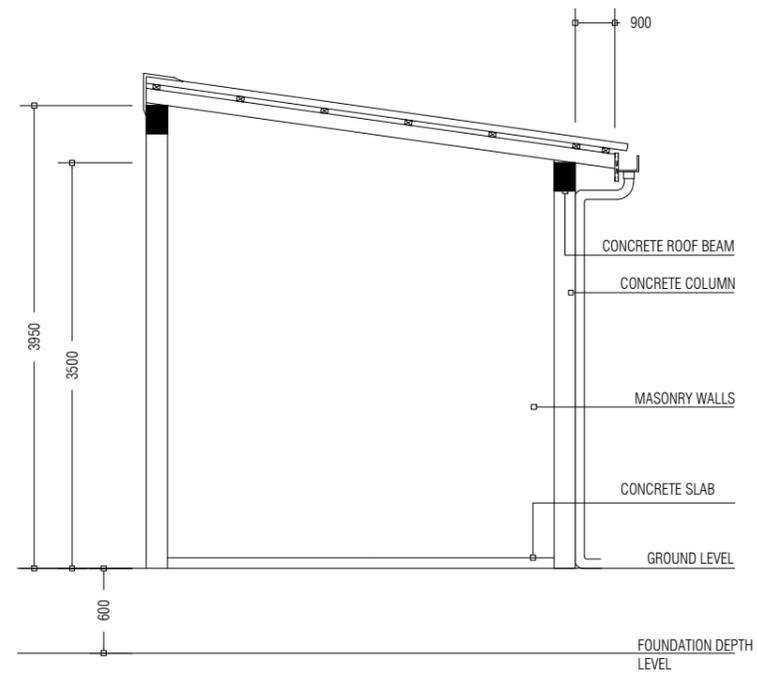
MAEN-A1-08

DATE

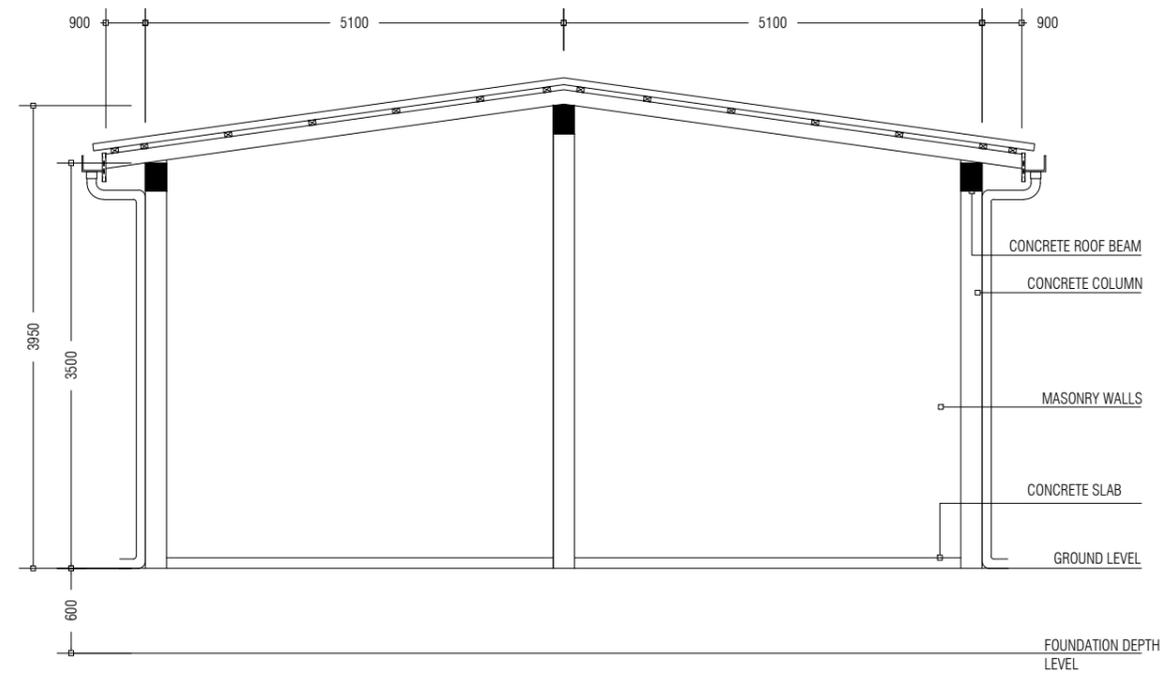
17.10.2021



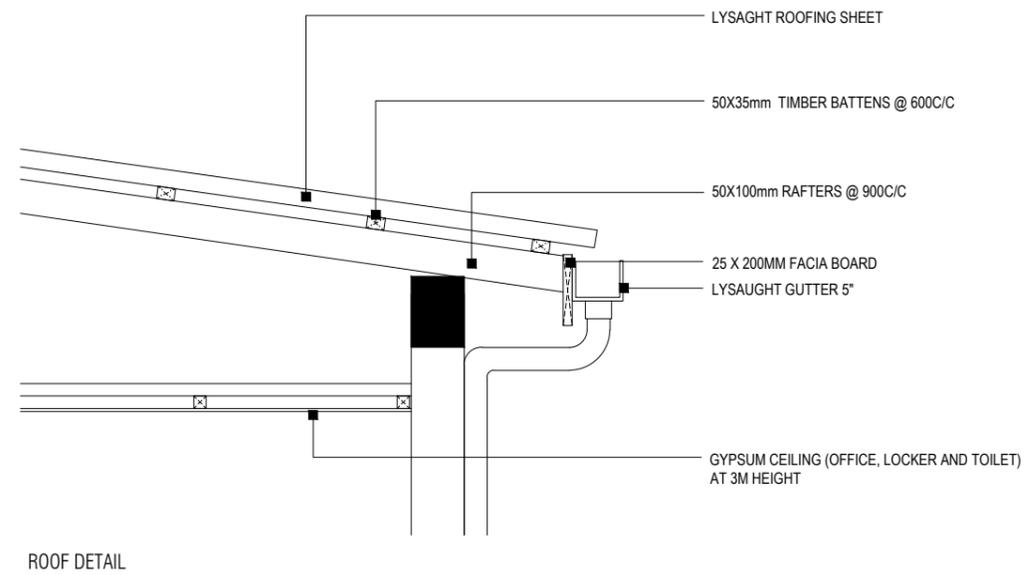
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HAZARDOUS WASTE STORAGE BUILDING SECTION



OFFICE / LOCKER BUILDING SECTION



ROOF DETAIL

PREPARED BY

PROJECT

DESIGN BY

AMENDMENTS

CONSTRUCTION OF IWRMC
DH.MAAENBOODHOO

MA

TITLE

STRUCTURE BY

ELEVATIONS AND SECTIONS

MA

CLIENT DEPARTMENT

DRAWN BY

WMPC DEPARTMENT

MA

PAPER SIZE A3

SCALE

NTS

PAGE NO. 09

DWG NO.

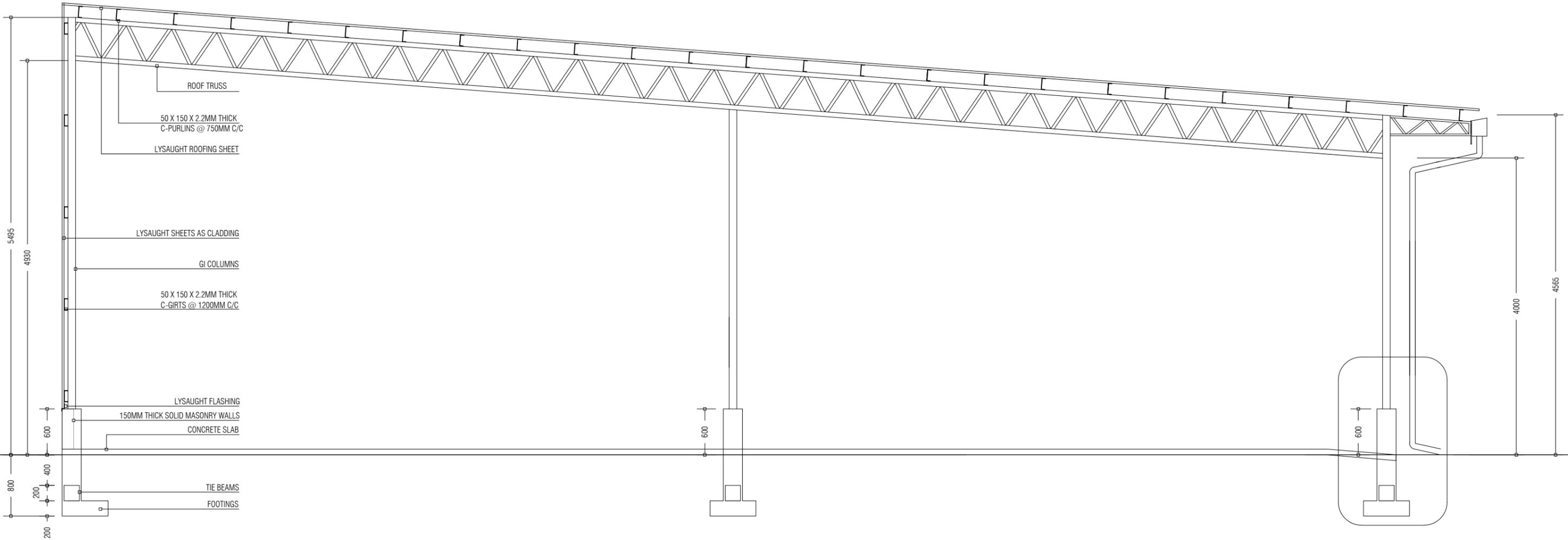
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17.10.2021

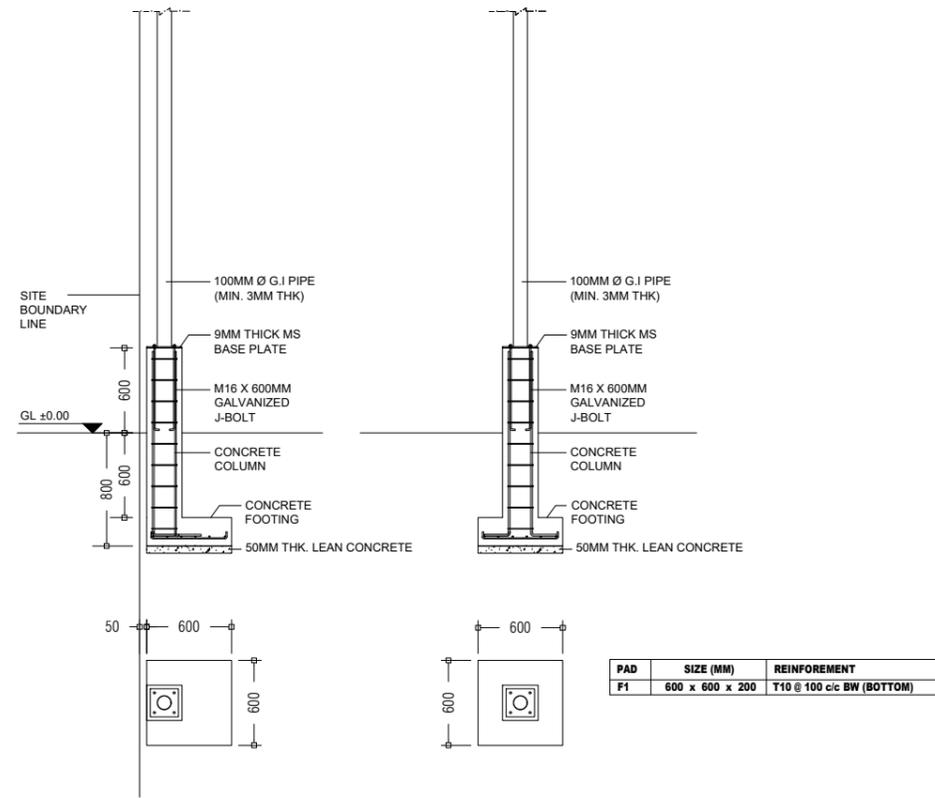


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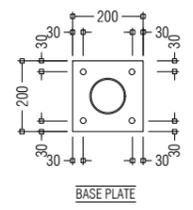
WASTE MANAGEMENT BAY SECTION

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF IWRMC DH.MAAENBOODHOO	MA	
 MCEP MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301	TITLE	STRUCTURE BY	
	ELEVATIONS AND SECTIONS	MA	
CLIENT DEPARTMENT	DRAWN BY		
WMPC DEPARTMENT	MA		
PAPER SIZE A3	SCALE	NTS	
PAGE NO. 10	DWG NO.	MAEN-A2-10	
	DATE	17.10.2021	

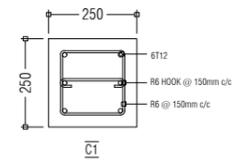


PAD	SIZE (MM)	REINFORCEMENT
F1	600 x 600 x 200	T10 @ 100 c/c BW (BOTTOM)

FOOTING DETAILS 1:50



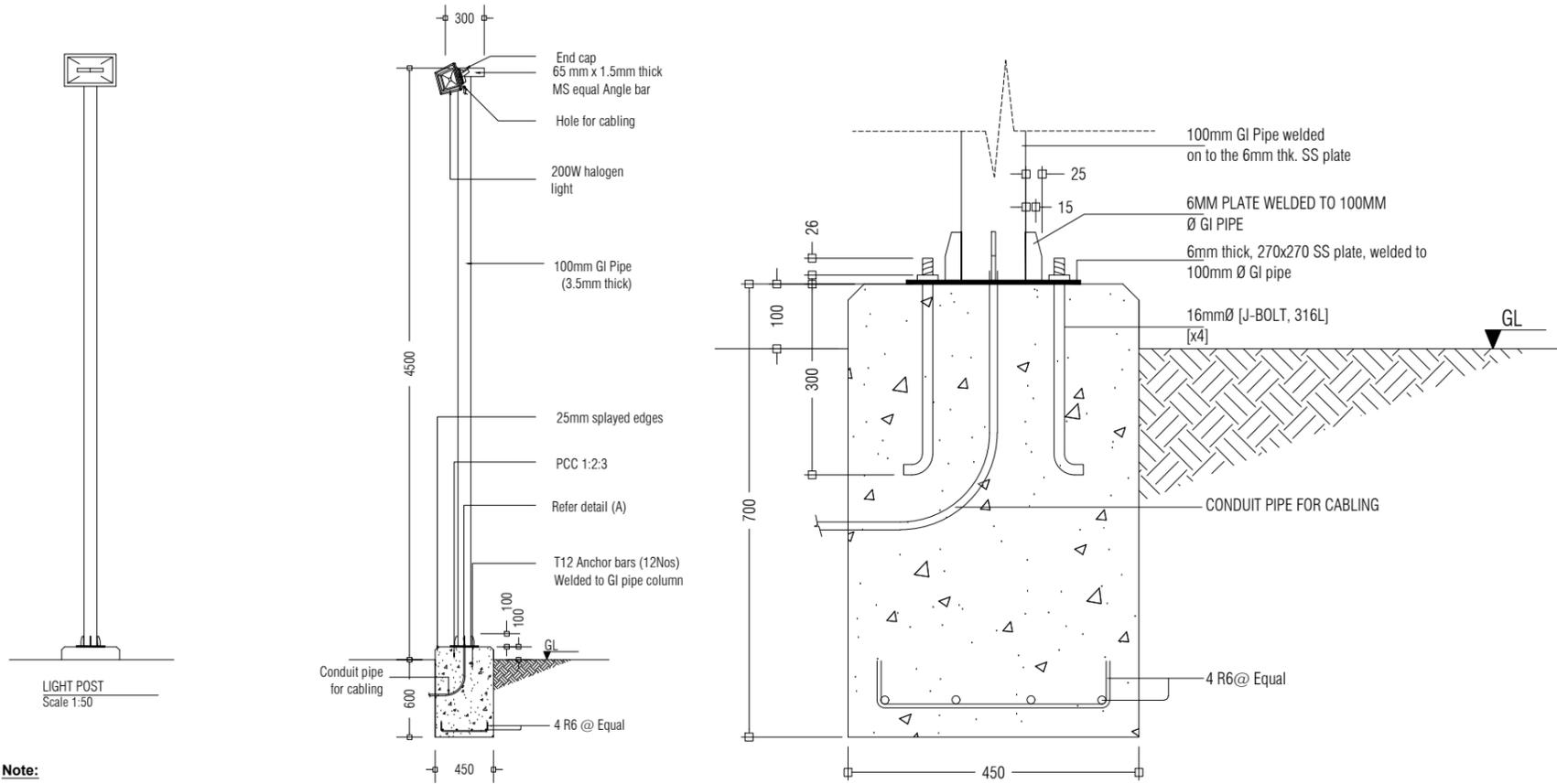
BASE PLATE



C1

BASE PLATE AND COLUMN DETAILS 1:20

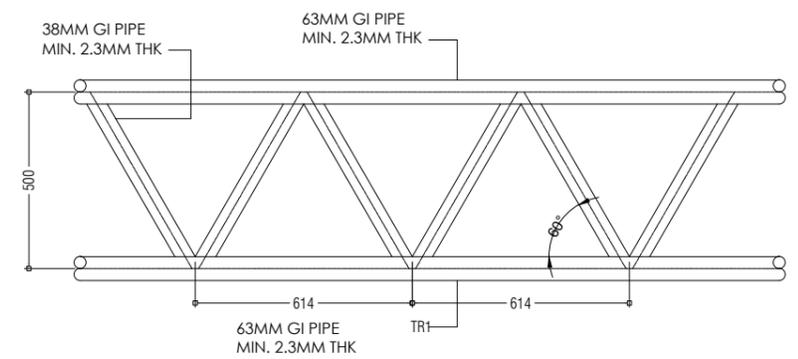
PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
 MCEP MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301	CONSTRUCTION OF IWRMC DH.MAAENBOODHOO	MA	
	TITLE FOOTING DETAILS	STRUCTURE BY MA	
	CLIENT DEPARTMENT WMPC DEPARTMENT	DRAWN BY MA	
	PAPER SIZE A3	SCALE 1:50, 1:20	
	PAGE NO. 12	DWG NO. MAEN-D1-12	
		DATE 17.10.2021	



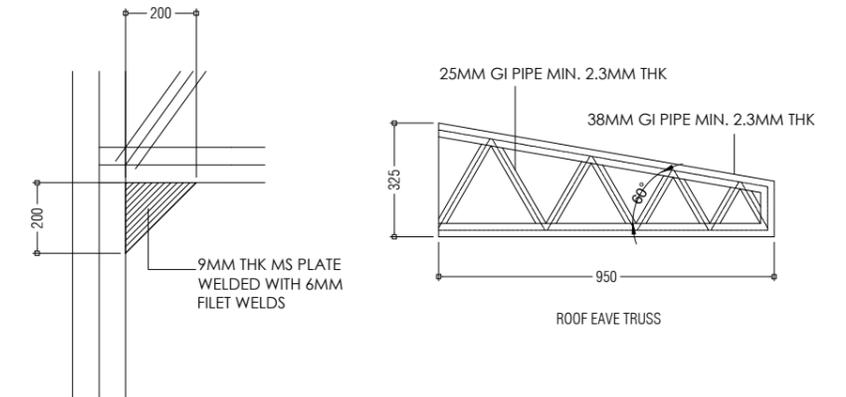
Note:
 * Concrete cover: 50mm
 * GI pipe to be painted with 1 coat of sealer & 2 coats of finishing paint. (Sigma or equivalent, maroon colour)

LIGHT POST DETAIL
Scale 1:50

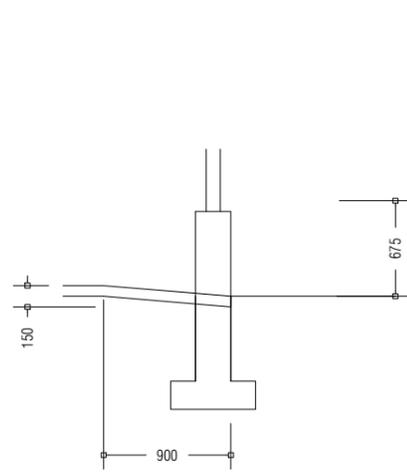
LIGHT POST FOUNDATION FOOTING DETAIL 1:10



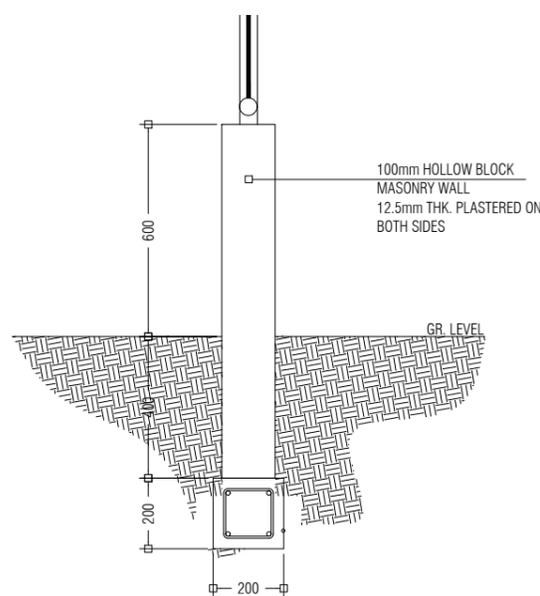
TRUSS DETAIL 1:20



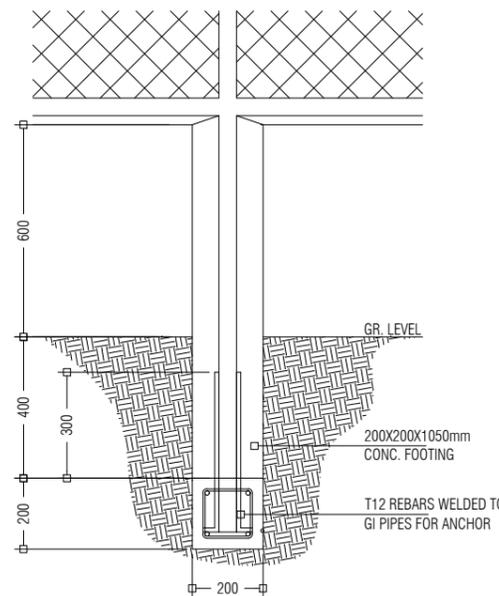
COLUMN AND TRUSS CONNECTION DETAIL 1:20



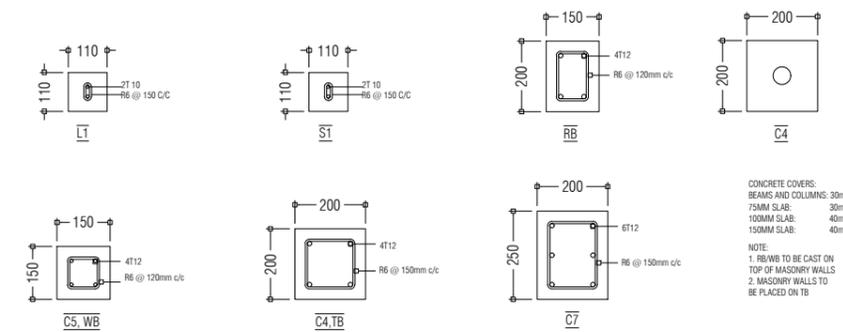
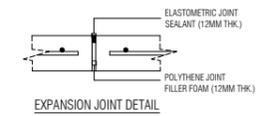
DETAIL A: RAMP DETAIL 1:50



BOUNDARY FENCE SIDE SECTIONAL DETAIL 1:20



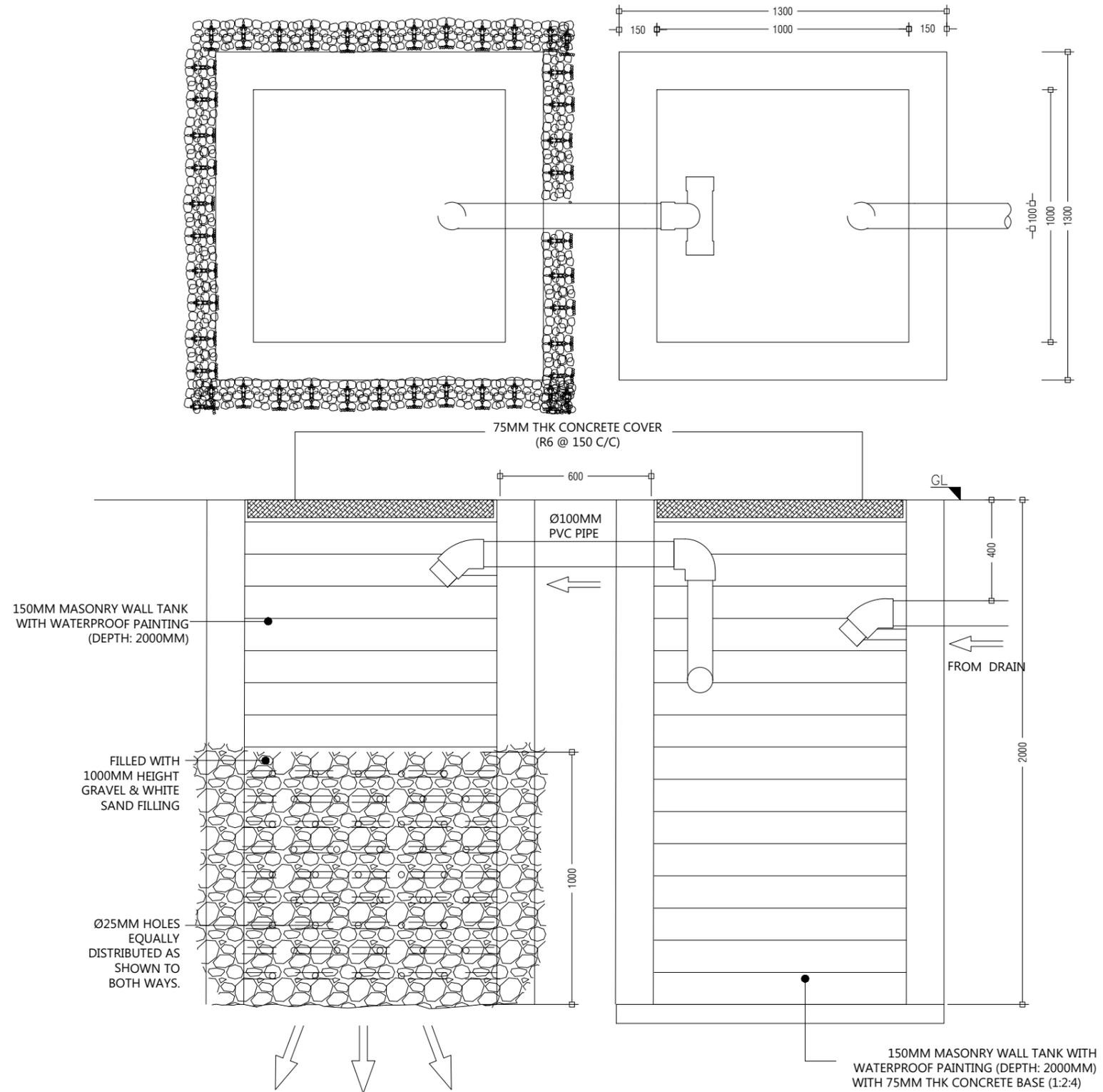
BOUNDARY FENCE FRONT SECTIONAL DETAIL 1:20



COLUMN, BEAM AND EXPANSION JOINT DETAILS 1:20

CONCRETE COVERS:
 BEAMS AND COLUMNS: 30mm
 75MM SLAB: 30mm
 100MM SLAB: 40mm
 150MM SLAB: 40mm
 NOTE:
 1. RB/WB TO BE CAST ON TOP OF MASONRY WALLS
 2. MASONRY WALLS TO BE PLACED ON TB

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF IWRMC DH.MAAENBOODHOO	MA	
	TITLE	STRUCTURE BY	
	STRUCTURAL DETAILS	MA	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	MA	
PAPER SIZE	A3	SCALE	1:50, 1:20, 1:10
PAGE NO.	13	DWG NO.	MAEN-D1-13
		DATE	17.10.2021



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AMENDMENTS

CONSTRUCTION OF IWRMC
DH.MAAENBOODHOO

MA

TITLE

STRUCTURE BY

SEPTIC TANK DETAILS

MA

CLIENT DEPARTMENT

DRAWN BY

WMPC DEPARTMENT

MA

PAPER SIZE A3

SCALE

1:50

PAGE NO. 15

DWG NO.

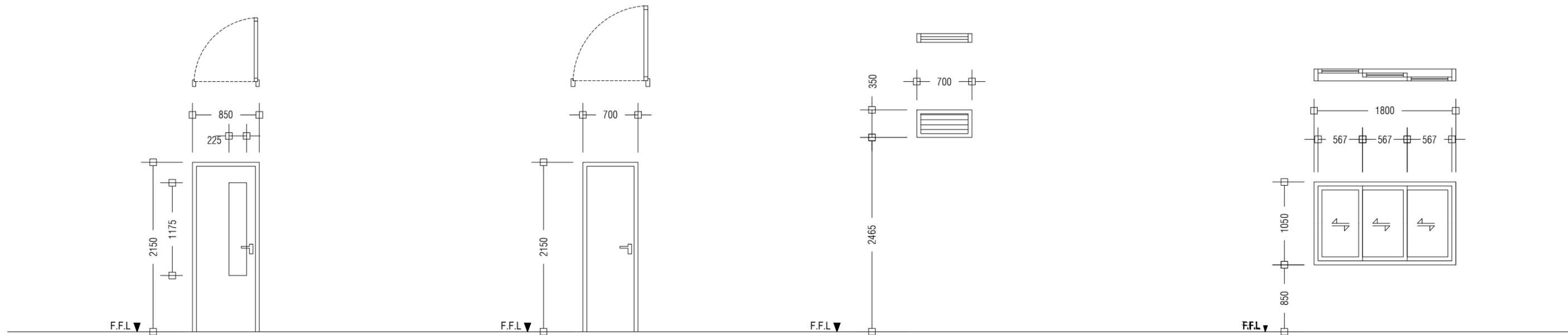
MAEN-D1-15

DATE

17.10.2021



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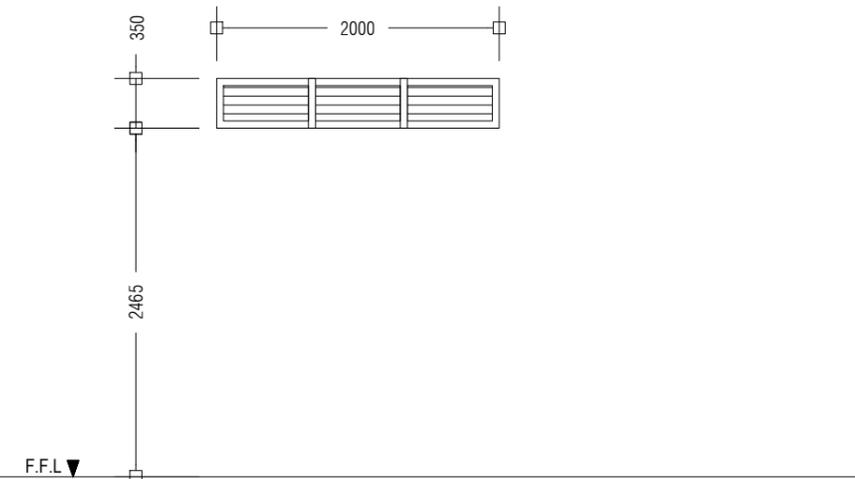


D2	SWING TYPE DOOR
REMARKS	ALUMINIUM DOOR WITH CLEAR GLASS PANEL 01 DOOR KNOB WITH LOCK SET 04 HINGES DOOR STOPPER, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 04
OPEN AREA	1.83 m ²

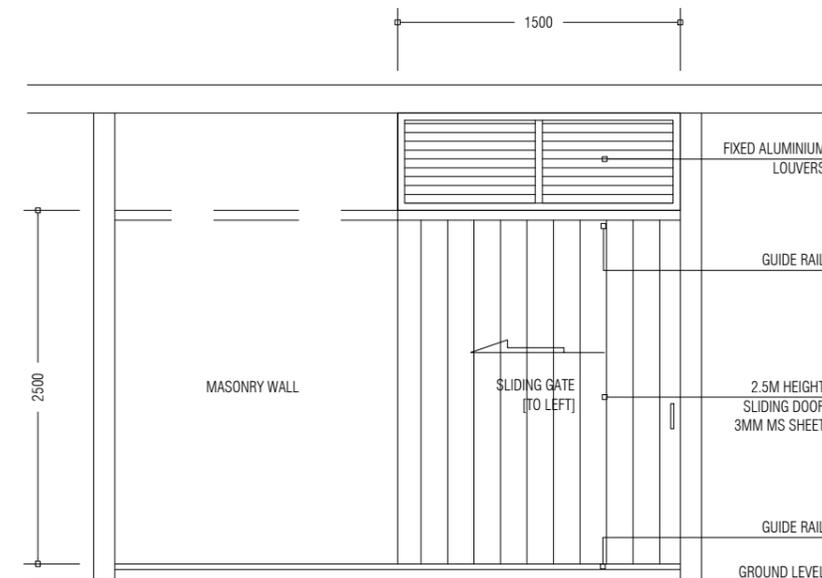
D3	SWING TYPE DOOR
REMARKS	ALUMINIUM DOOR WITH DOOR KNOB AND 1 LOCK SET 04 HINGES
LOCATION	GROUND FLOOR
QUANTITY	NO.S 01
OPEN AREA	1.51m ²

W1	ALUNINIUM LOUVER WINDOW
REMARKS	ALUMINIUM FRAMED, ALUMINIUM LOUVERED, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 2
OPEN AREA	0.25 m ²

W2	ALUMINIUM SLIDING WINDOW
REMARKS	ALUMINIUM FRAMED, TINTED BLACK GLASS, FINISHED WITH WHITE POWDER COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 02
OPEN AREA	1.89 m ²

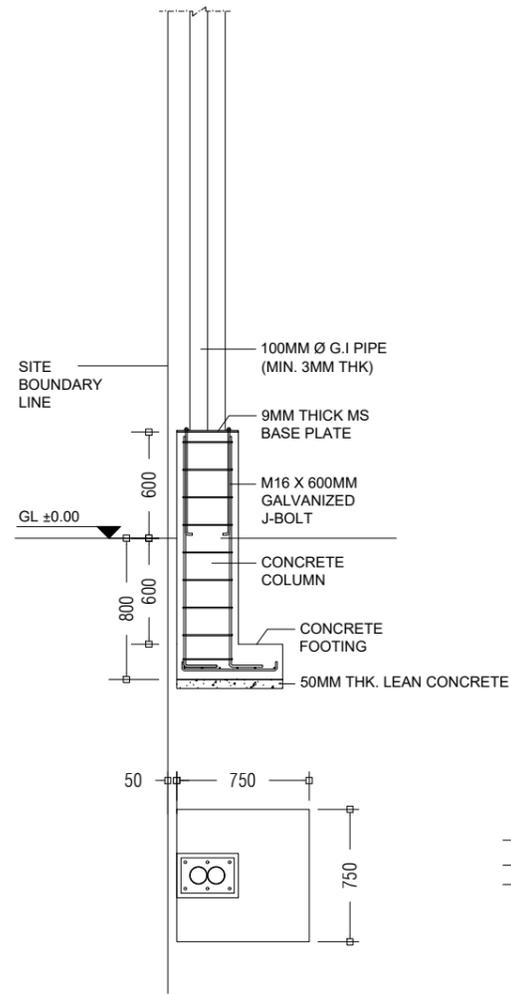


W3	ALUNINIUM LOUVER WINDOW
REMARKS	ALUMINIUM FRAMED, ALUMINIUM LOUVERED, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 1
OPEN AREA	0.75 m ²



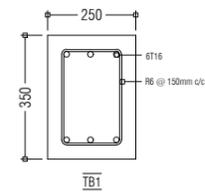
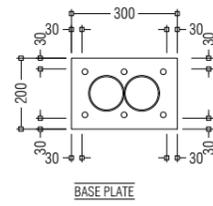
HAZADIOUS WASTE / STORE SD1

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	TITLE	STRUCTURE BY		
	DOOR AND WINDOW SCHEDULE	MA		
	CLIENT DEPARTMENT	DRAWN BY		
	WMPC DEPARTMENT	MA		
	PAPER SIZE A3	SCALE	1:50	
	PAGE NO. 16	DWG NO.	MAEN-A2-16	
		DATE	17.10.2021	

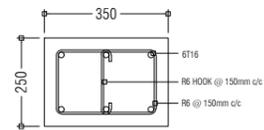


SIZE (MM)	REINFORCEMENT
750 x 750 x 200	T10 @ 100 c/c BW (BOTTOM)

FOOTING DETAILS



TIE BEAM DETAILS



COLUMN STUMP DETAILS