

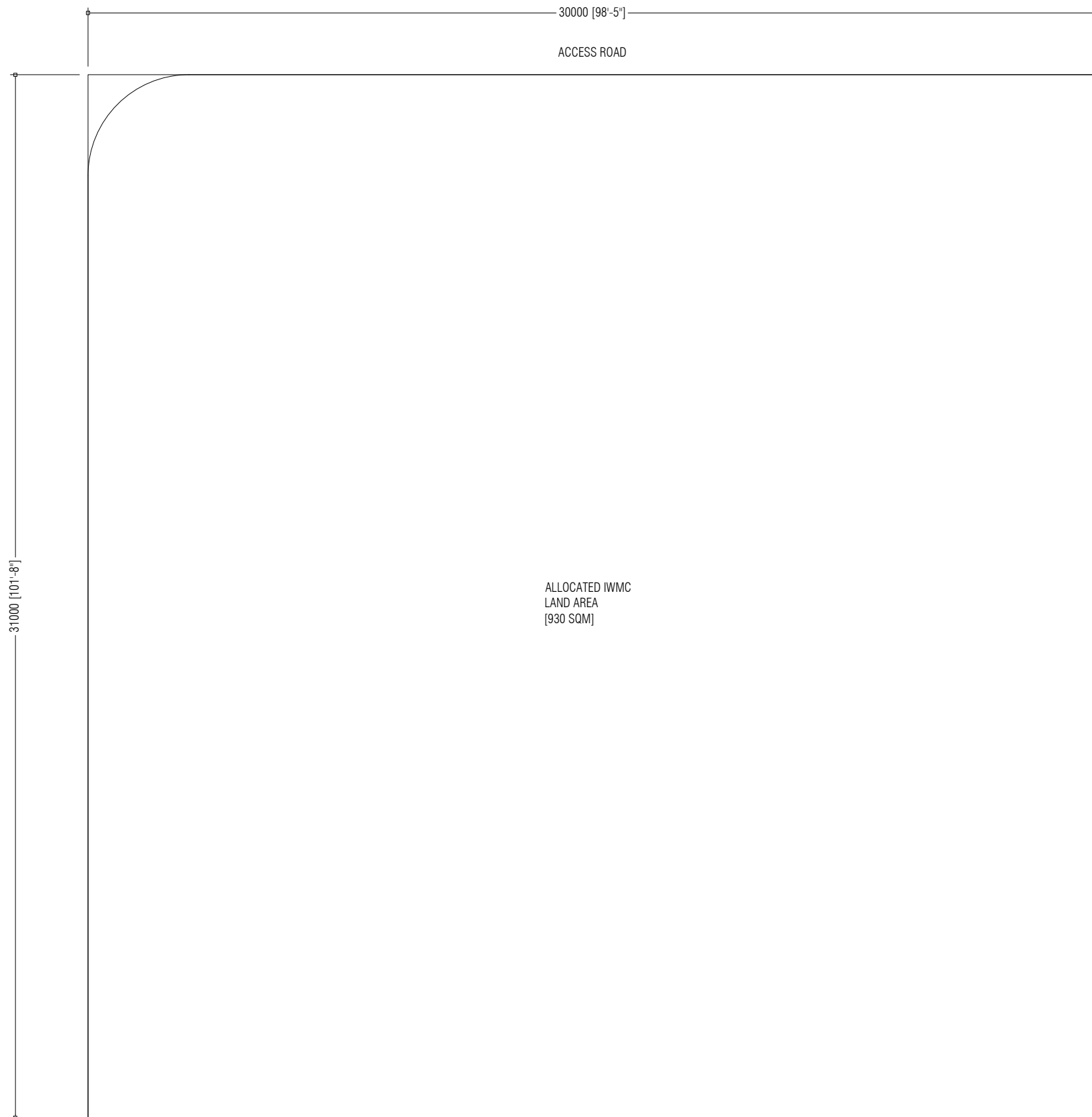
CONSTRUCTION OF TH.GURAIIDHOO
ISLAND WASTE AND RESOURCE MANAGEMENT CENTRE




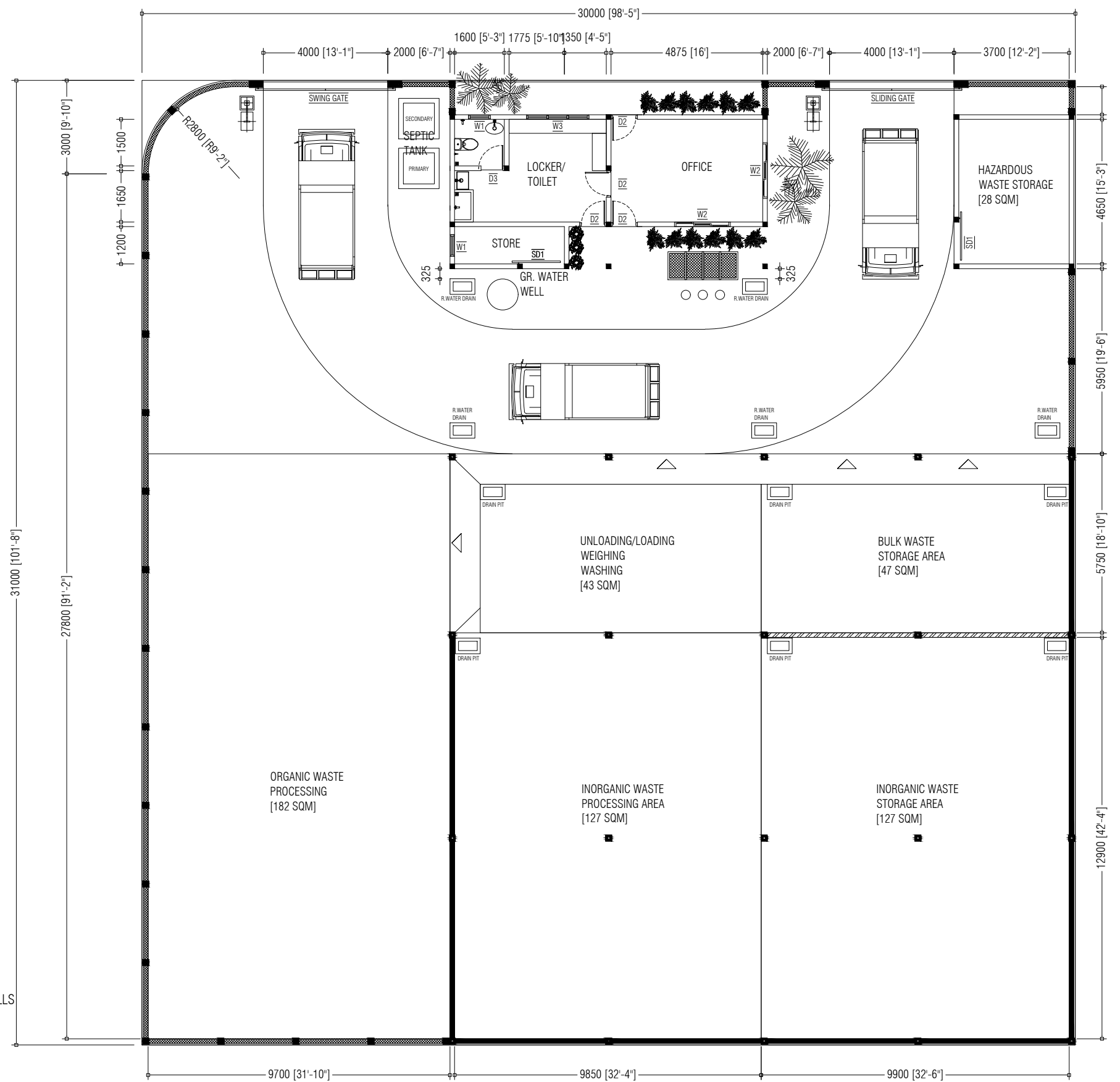
PREPARED BY:

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

OCTOBER 2021

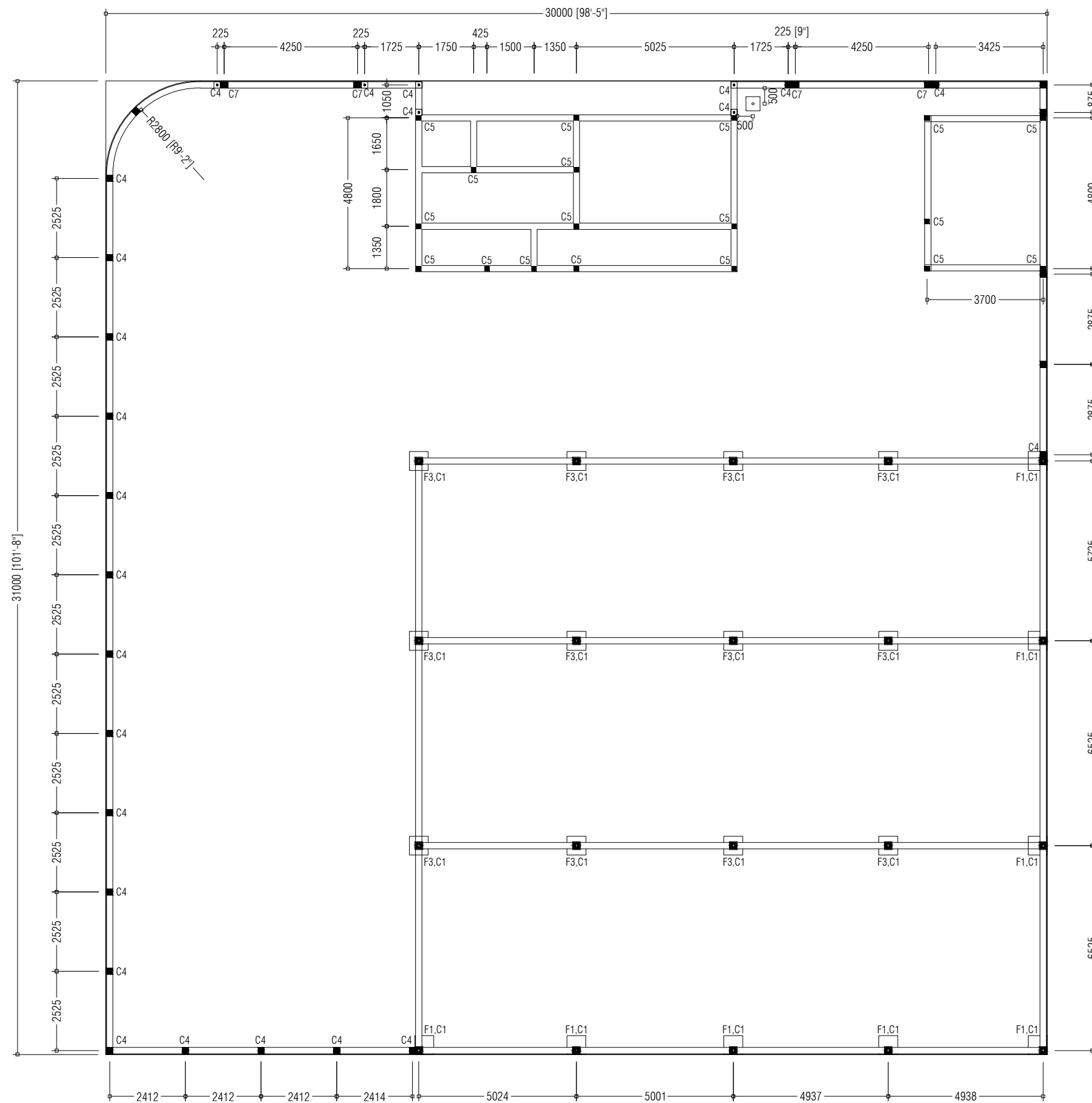


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 <p>MCEP MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301</p>	CONSTRUCTION OF IWRMC TH.GURAIIDHOO	MA	
	TITLE	STRUCTURE BY	
	LOCATION PLAN	MA	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	MA	
	PAPER SIZE A3	SCALE	1:150
	PAGE NO. 01	DWG NO.	GURA-A1-01
	DATE	28.10.2021	




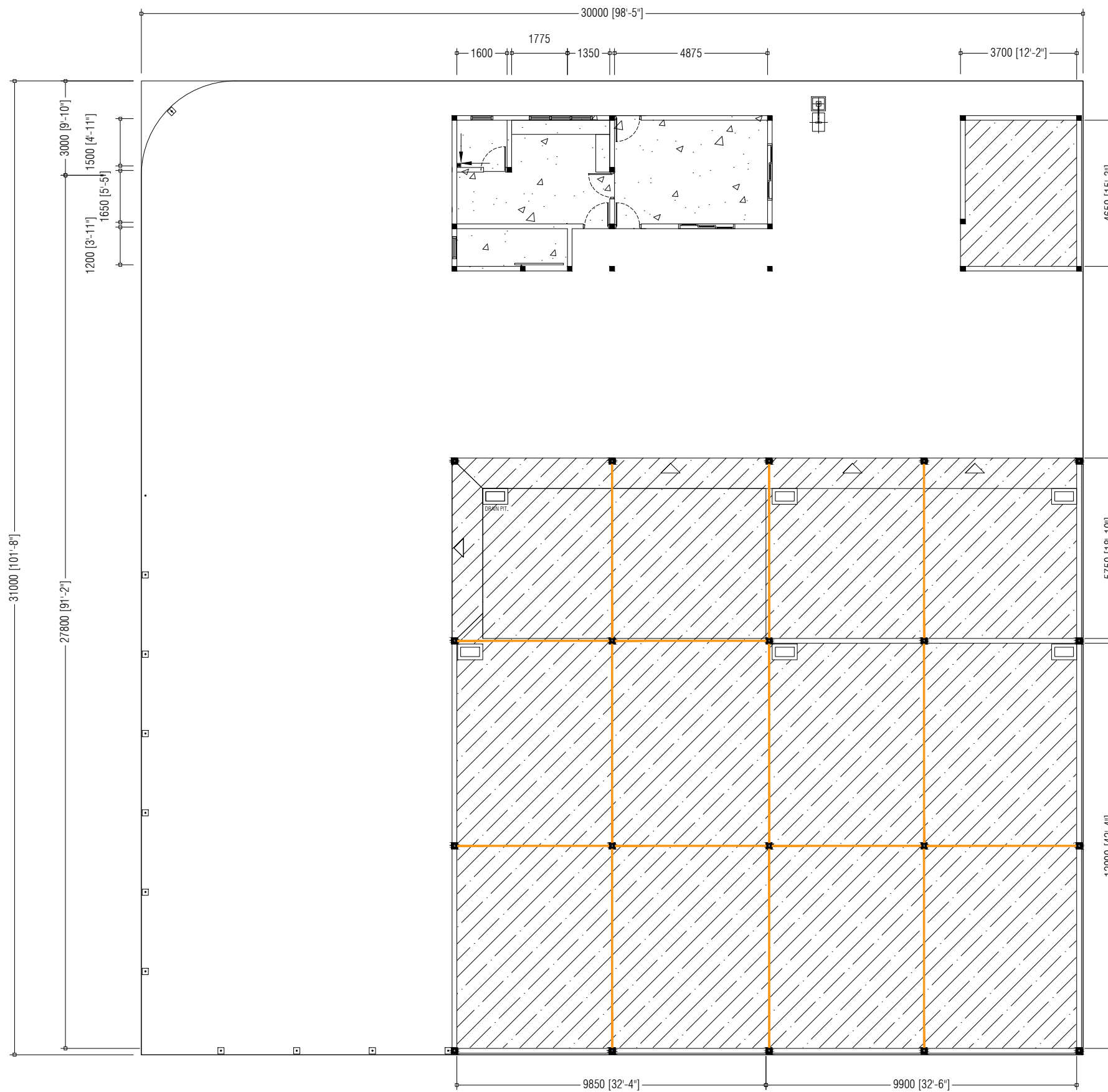
- NOTE:**
- 600mm HEIGHT WALL + 2m HEIGHT CLADDING ON TOP
 - 1500mm HEIGHT WALL
 - OFFICE / HAZARDOUS WASTE BUILDING WALLS
 - 600mm HEIGHT MASONRY WALL + FULL HEIGHT CLADDING ON TOP
 - BOUNDARY FENCE

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
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	TITLE	STRUCTURE BY	
	FLOOR PLAN	MA	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	MA	
	PAPER SIZE A3	SCALE	1:150
PAGE NO. 02	DWG NO.	GURA-A1-02	
	DATE	28.10.2021	


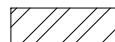
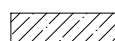




NOTE:
 [Line symbol] TIE BEAMS [200X200mm]
 [Square symbol] LAMP POST FOOTING [450X450mm]

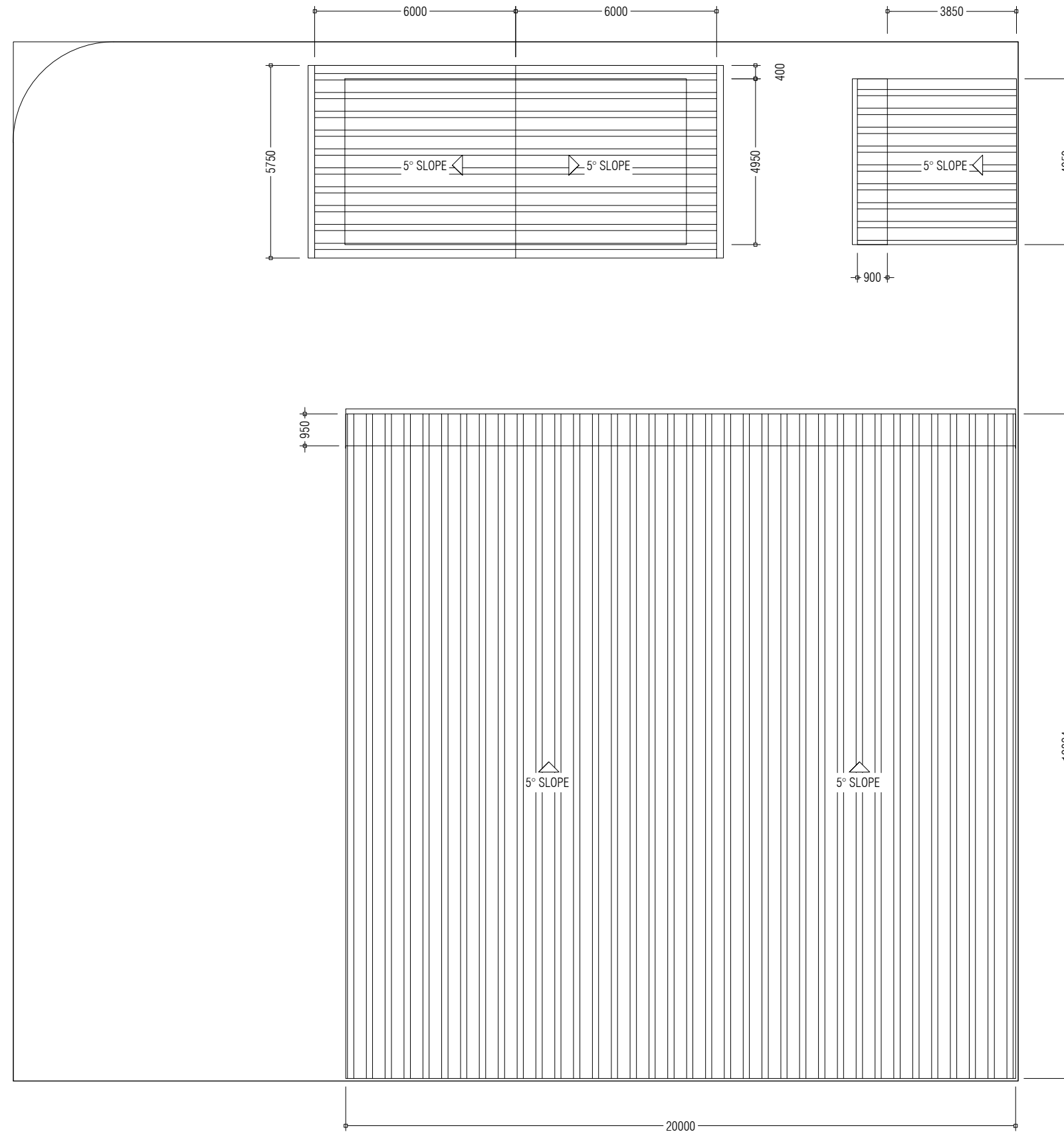
PREPARED BY  MCEP MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES. TEL: +960-3018431, +960-3018300, FAX: +960-328301	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF IWRMC TH.GURAI DHOO	MA	
	TITLE	STRUCTURE BY	
	FOUNDATION PLAN	MA	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	MA	
PAPER SIZE A3	SCALE 1:150		
PAGE NO. 03	DWG NO. GURA-A1-03		
	DATE 28.10.2021		




NOTE:

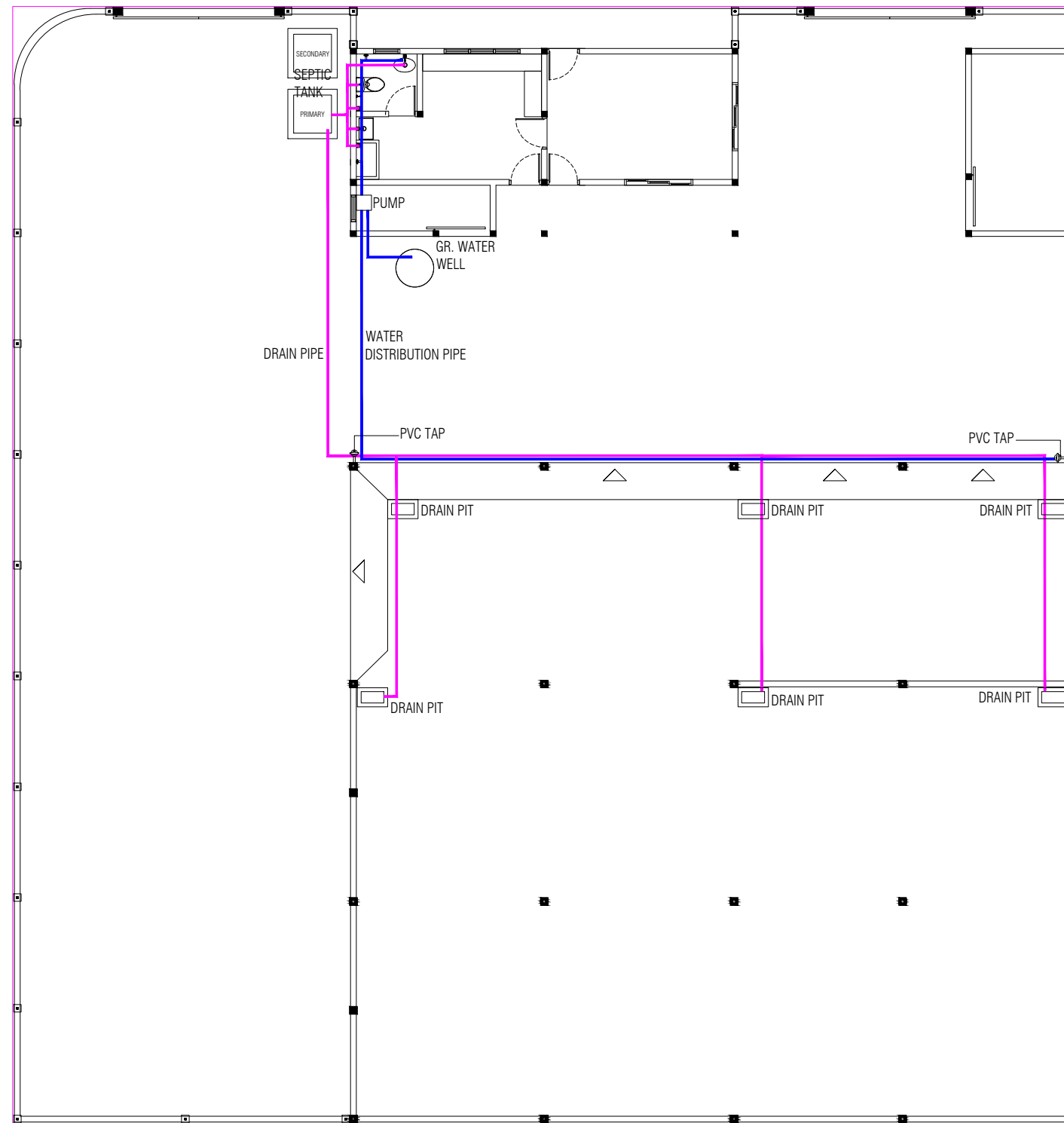
-  75mm FLOOR SLAB
-  100mm FLOOR SLAB
-  100mm FLOOR SLAB
-  EXPANSION JOINTS


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	TITLE	STRUCTURE BY	
	FLOOR SLAB PLAN	MA	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	MA	
	PAPER SIZE A3	SCALE	1:150
	PAGE NO. 04	DWG NO.	GURA-A1-04
		DATE	28.10.2021

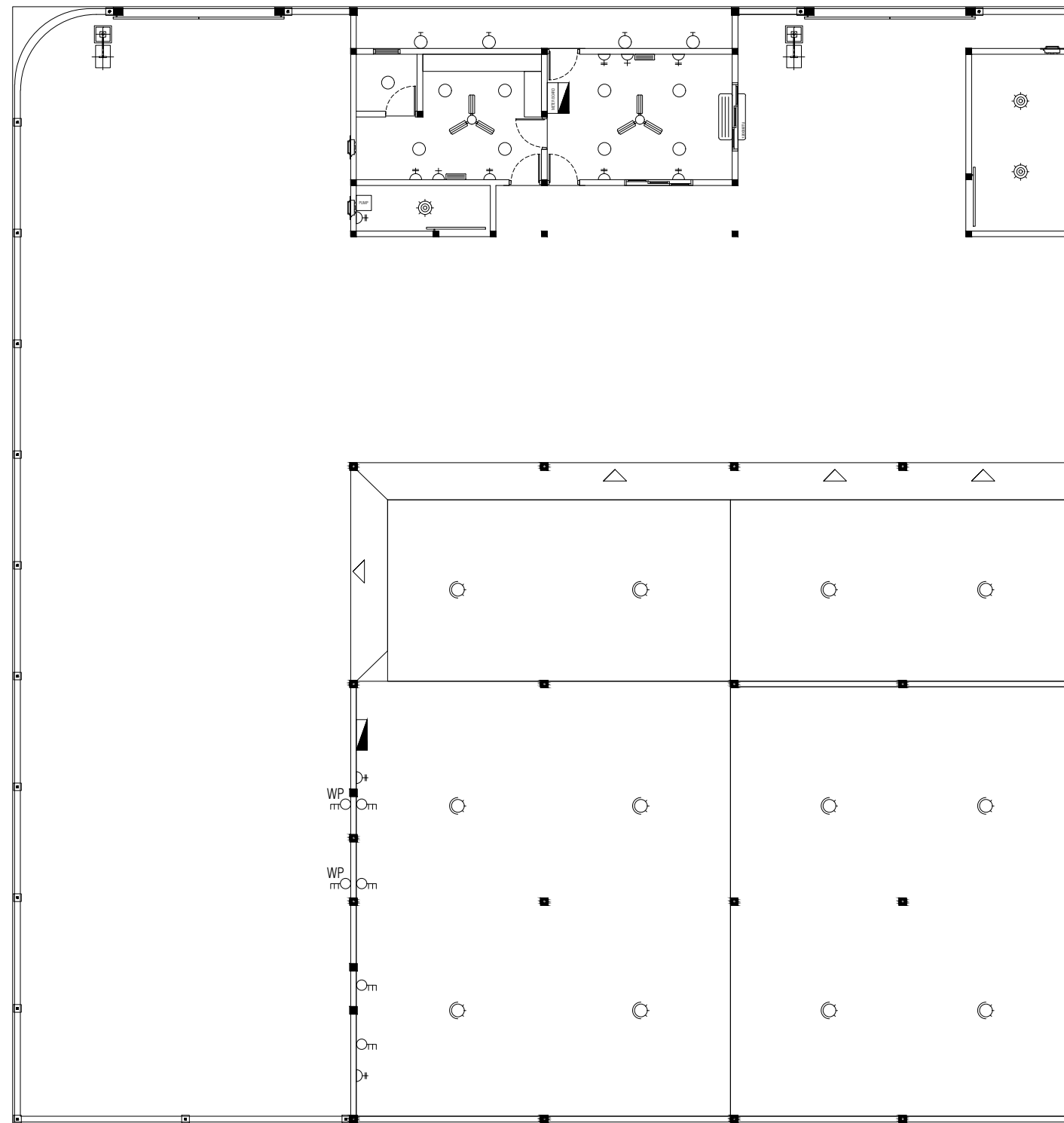












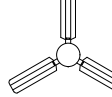

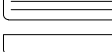
PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF IWRMC TH.GURAI DHOO	MA	
	TITLE ROOF PLAN	STRUCTURE BY MA	
	CLIENT DEPARTMENT WMPC DEPARTMENT	DRAWN BY MA	
PAPER SIZE	A3	SCALE	NTS
PAGE NO.	05	DWG NO.	GURA-A1-05
		DATE	28.10.2021


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 TEL: +960-3018431, +960-3018300, FAX: +960-328301



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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.	GURA-A1-07	
	DATE	28.10.2021	



- 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) 
- 13AMP 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] 

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PROJECT
CONSTRUCTION OF IWRMC
TH.GURAIIDHOO

DESIGN BY
MA

AMENDMENTS

TITLE
ELECTRICAL PLAN
CLIENT DEPARTMENT
WMPC DEPARTMENT

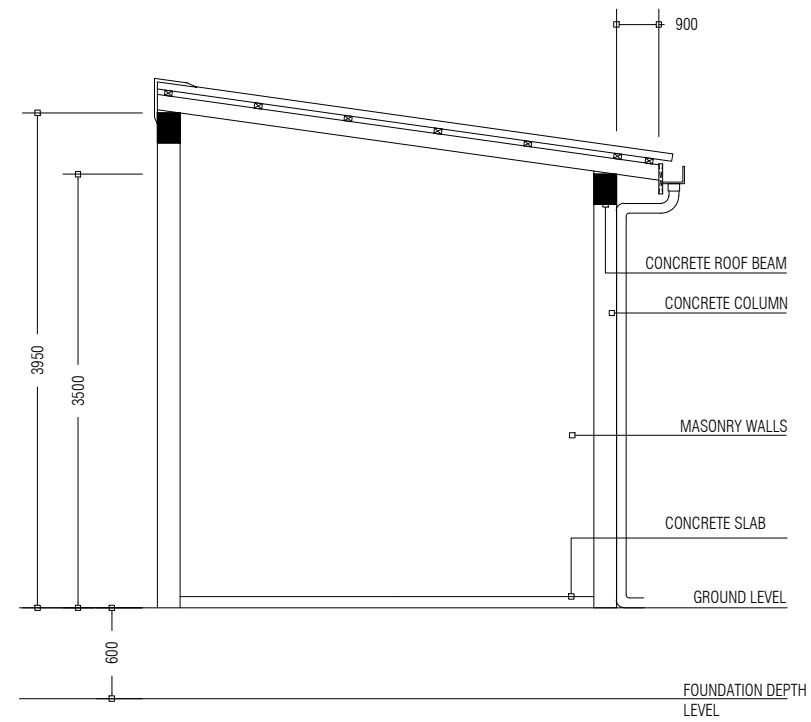
STRUCTURE BY
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PAPER SIZE A3
PAGE NO. 08

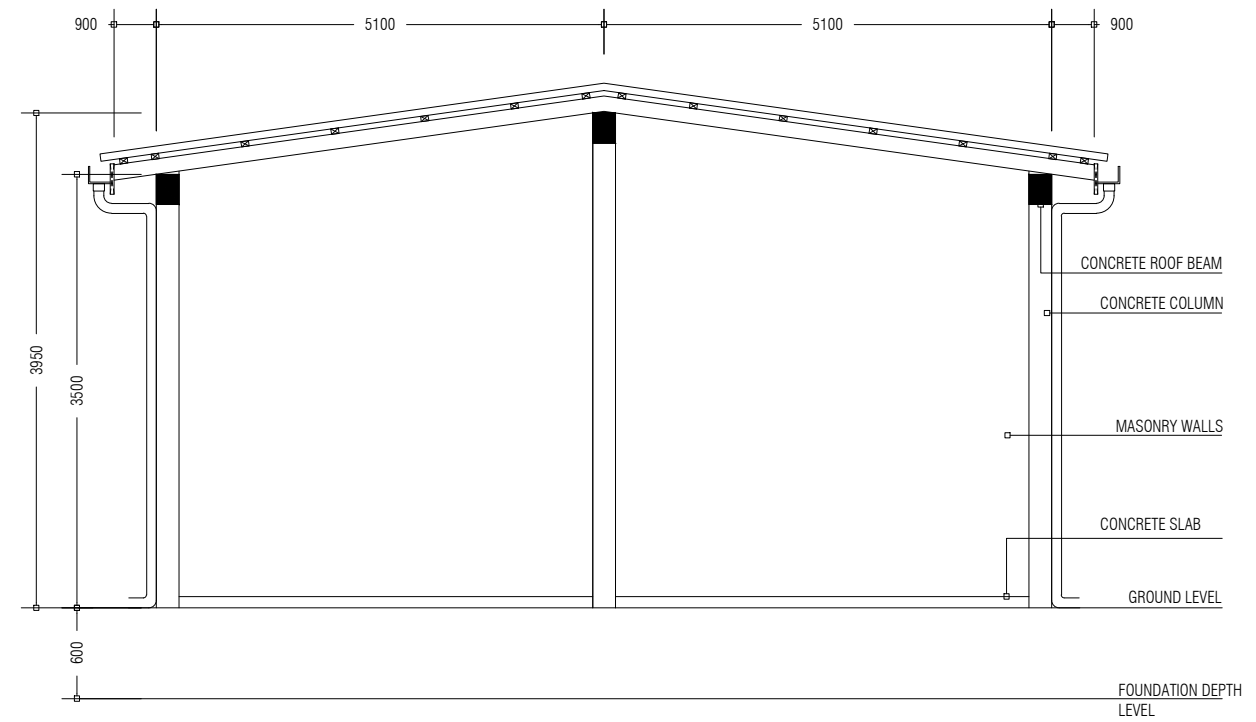
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DWG NO. GURA-A1-08
DATE 28.10.2021



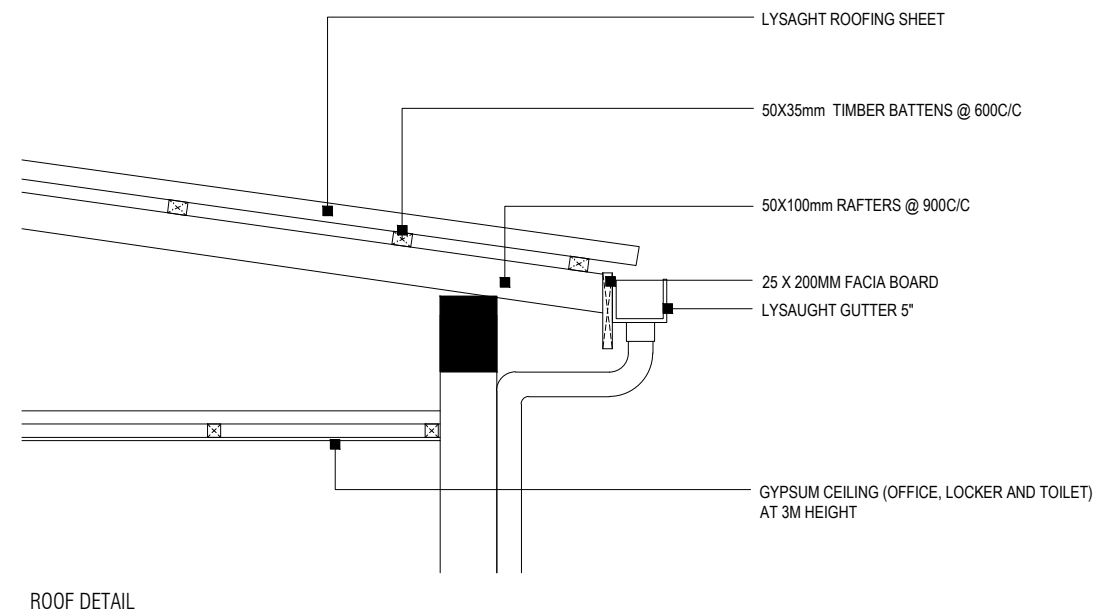
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HAZARDOUS WASTE STORAGE BUILDING SECTION



OFFICE / LOCKER BUILDING SECTION



ROOF DETAIL

PREPARED BY

PROJECT
CONSTRUCTION OF IWRMC
TH.GURAI DHOO

DESIGN BY
MA

AMENDMENTS

TITLE
ELEVATIONS AND SECTIONS

STRUCTURE BY
MA

CLIENT DEPARTMENT
WMPC DEPARTMENT

DRAWN BY
MA

PAPER SIZE A3

SCALE NTS

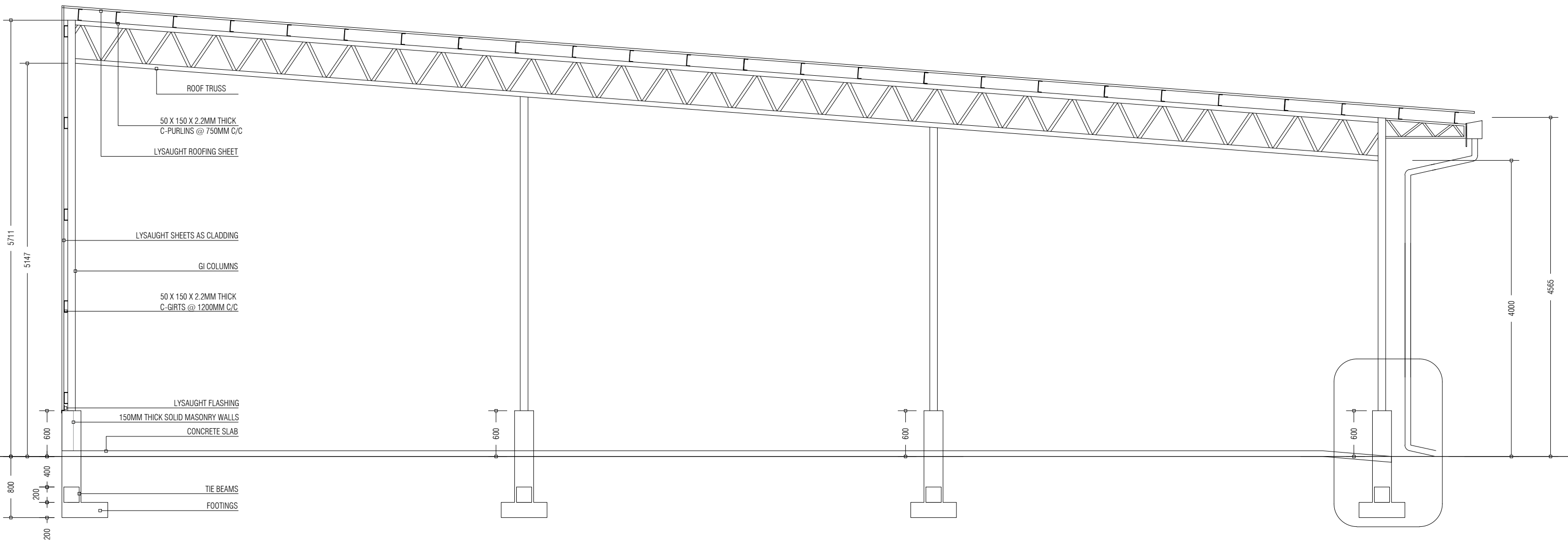
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DWG NO. GURA-A2-09


DATE 28.10.2021

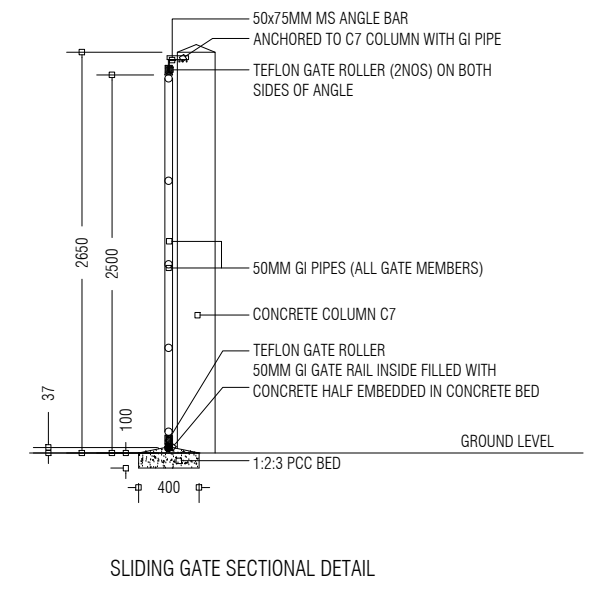
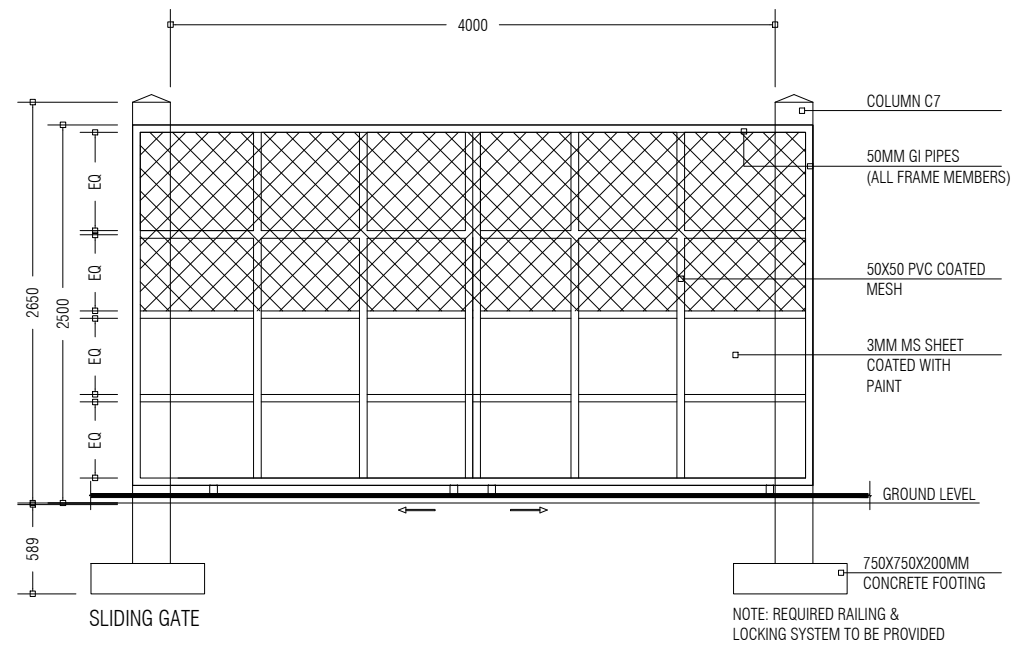


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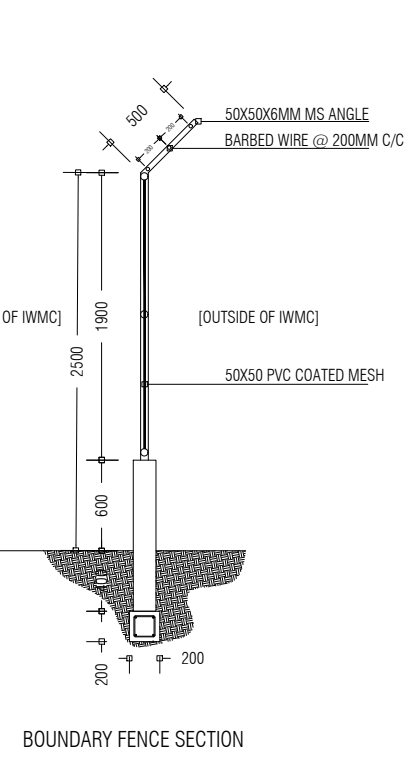
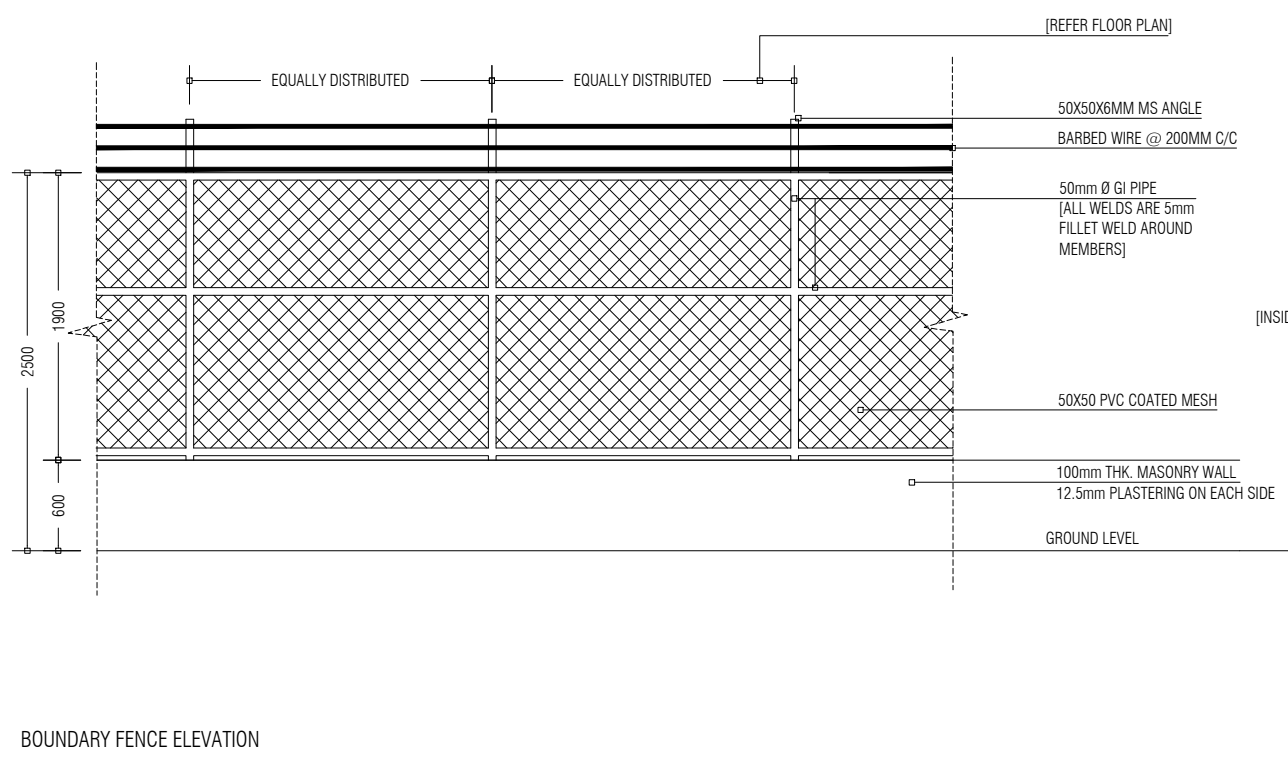



WASTE MANAGEMENT BAY SECTION

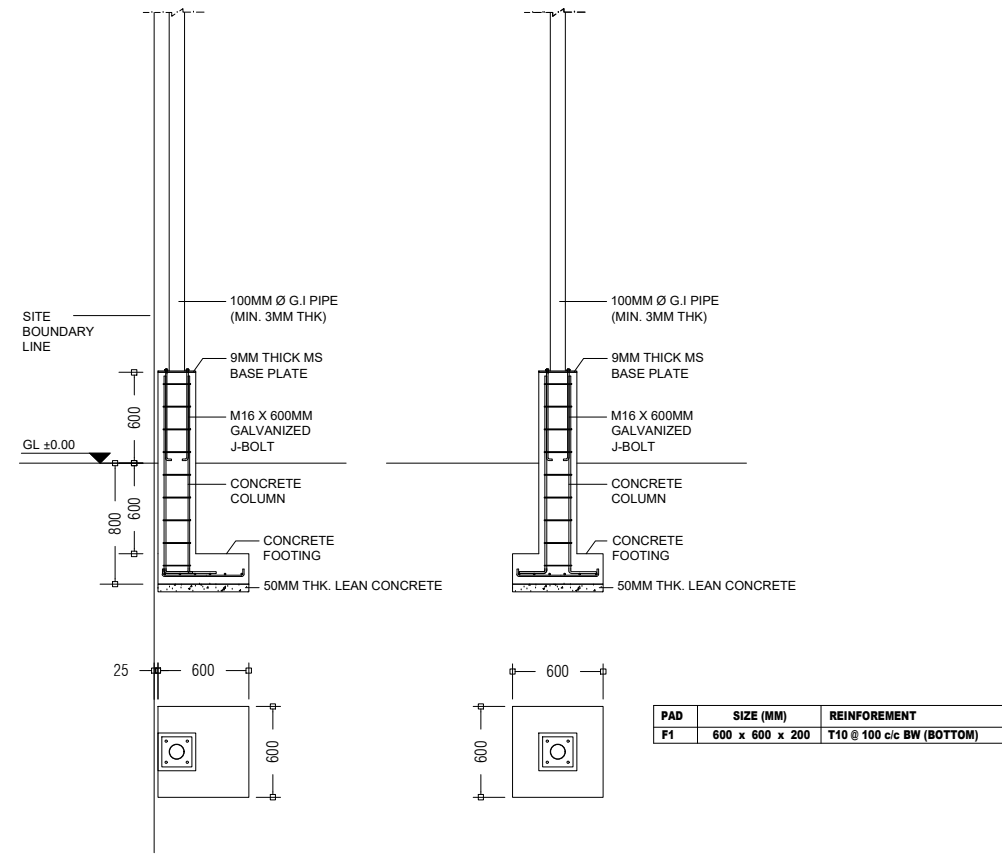
PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF IWRMC TH.GURAIIDHOO	MA	
 MCEP MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301	TITLE	STRUCTURE BY	
	ELEVATIONS AND SECTIONS	MA	
CLIENT DEPARTMENT	DRAWN BY		
WMPC DEPARTMENT	MA		
PAPER SIZE A3	SCALE	NTS	
PAGE NO. 10	DWG NO.	GURA-A2-10	
	DATE	28.10.2021	



NOTE:
ALL WELDS FOR THE
GI MEMBERS ARE
5mm FILLET WELDS

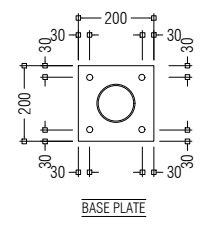


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	TITLE	STRUCTURE BY	
	ELEVATION AND SECTIONS: GATE DETAILS, FENCE DETAILS	MA	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	MA	
	PAPER SIZE A3	SCALE 1:50	
PAGE NO. 11	DWG NO. GURA-A2-11		
	DATE 28.10.2021		

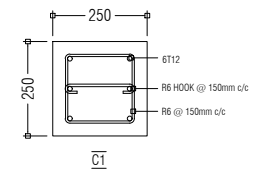


PAD	SIZE (MM)	REINFORCEMENT
F1	600 x 600 x 200	T10 @ 100 c/c BW (BOTTOM)

FOOTING DETAILS 1:50




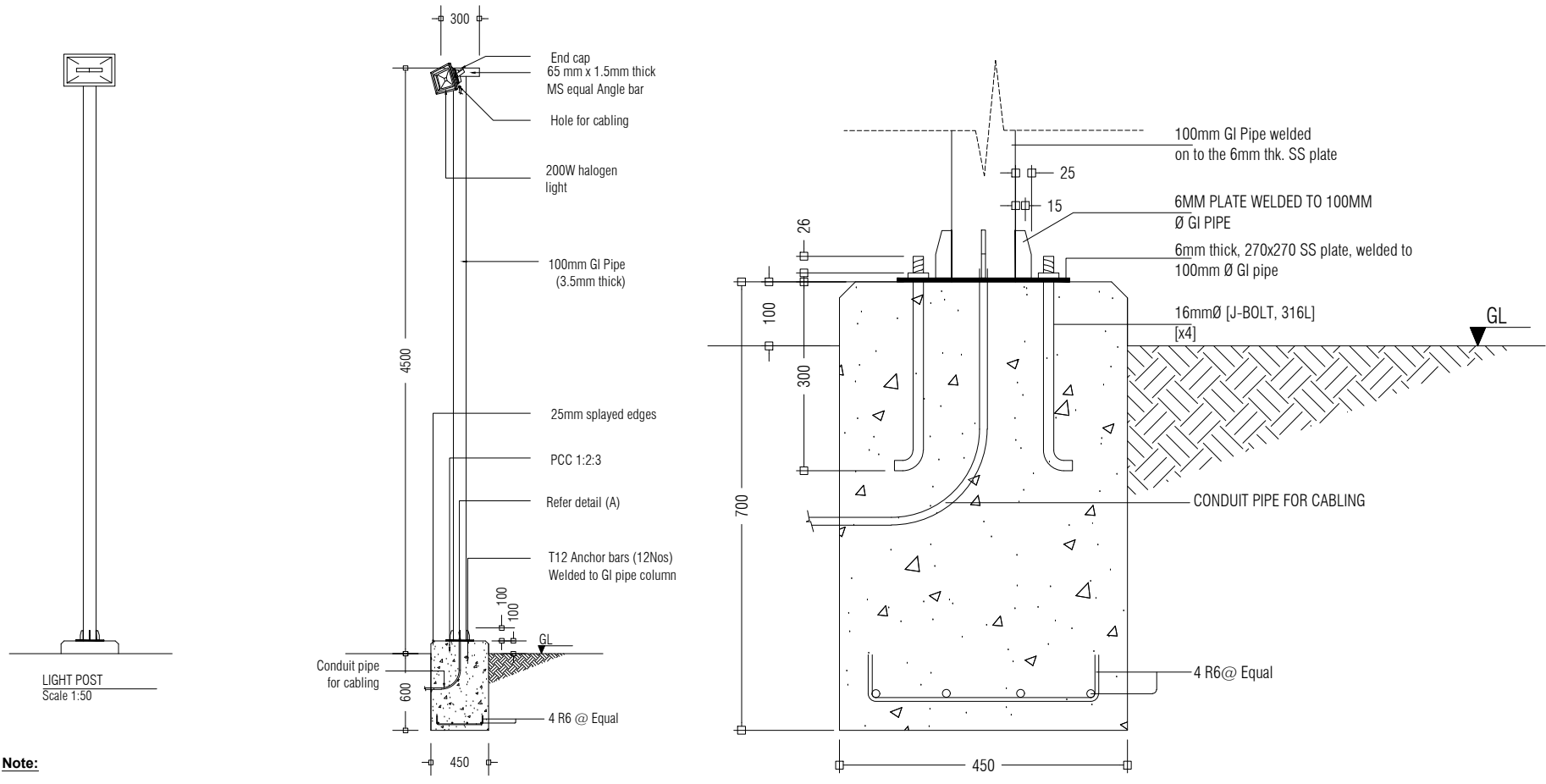
BASE PLATE



C1

BASE PLATE AND COLUMN DETAILS 1:20

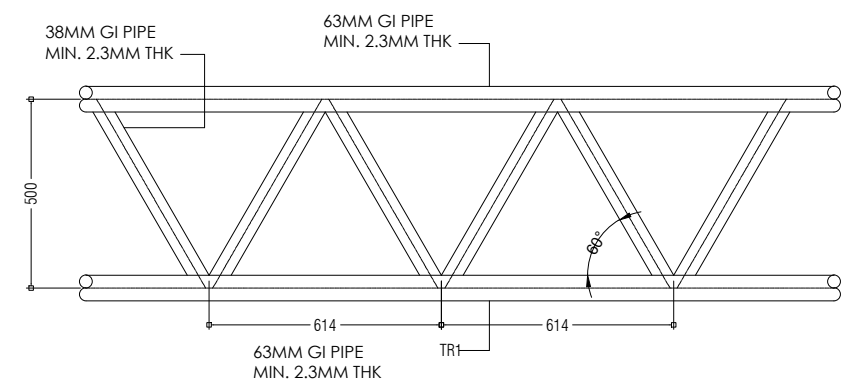
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	TITLE	STRUCTURE BY	
	FOOTING DETAILS	MA	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	MA	
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	PAGE NO. 12	DWG NO.	GURA-D1-12
	DATE	28.10.2021	



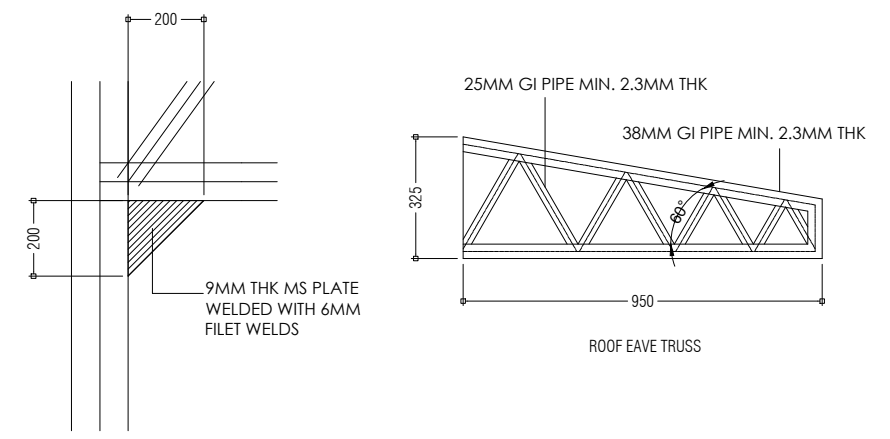
Note:
 * Concrete cover: 50mm
 * GI pipe to be painted with 1 coat of sealer & 2 coats of finishing paint. (Sigma or equivalent, maroon colour)

LIGHT POST DETAIL Scale 1:50

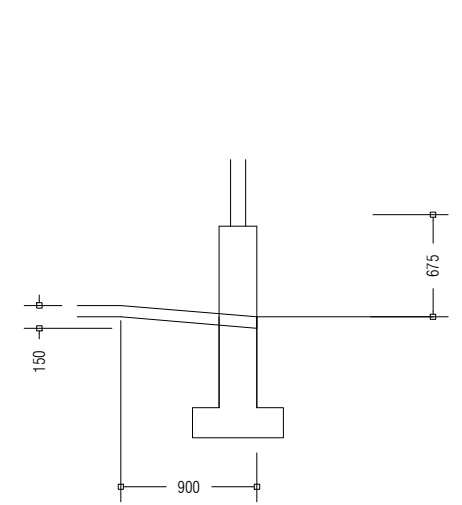
LIGHT POST FOUNDATION FOOTING DETAIL 1:10



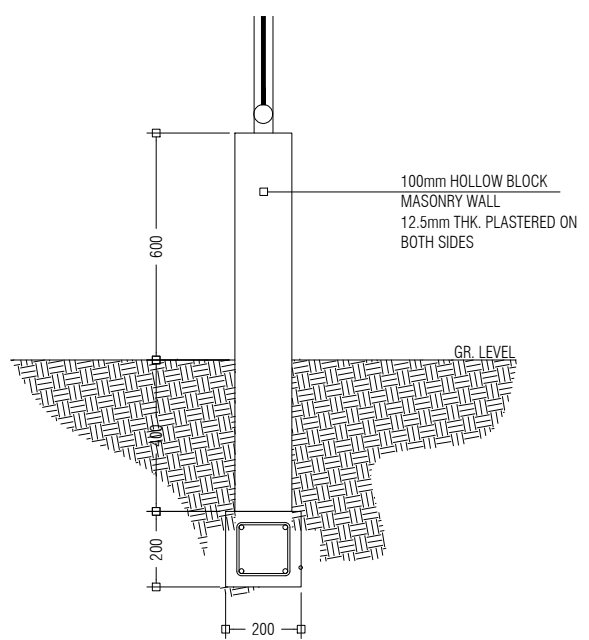
TRUSS DETAIL 1:20



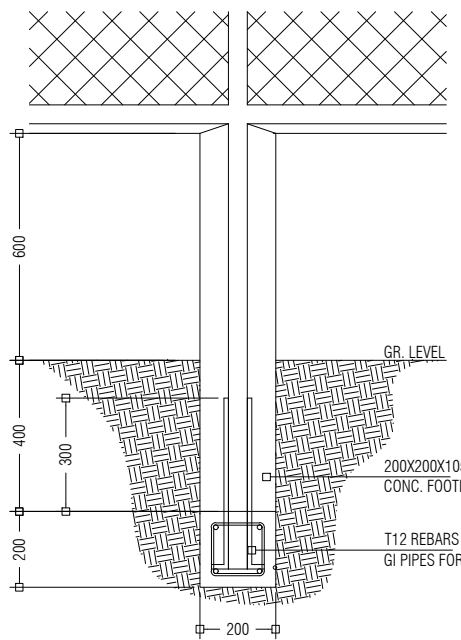
COLUMN AND TRUSS CONNECTION DETAIL 1:20



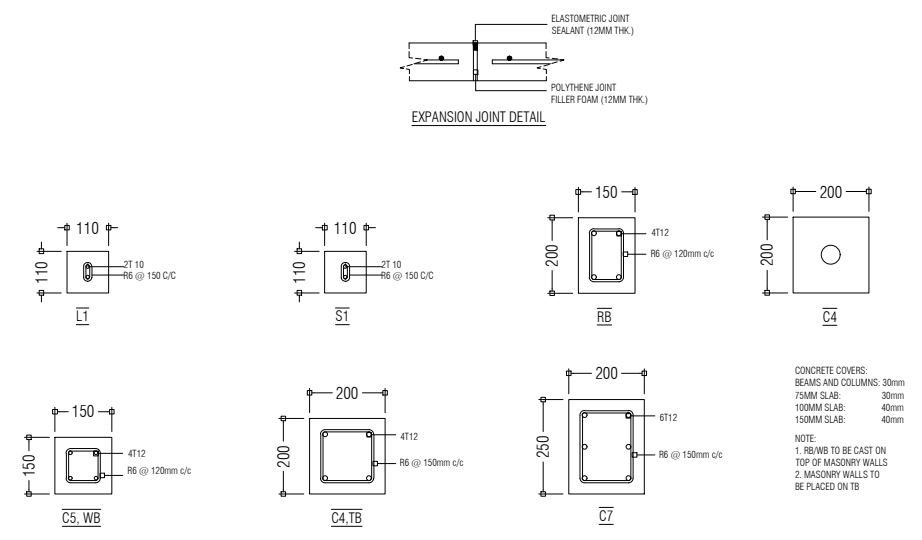
DETAIL A: RAMP DETAIL 1:50



BOUNDARY FENCE SIDE SECTIONAL DETAIL 1:20




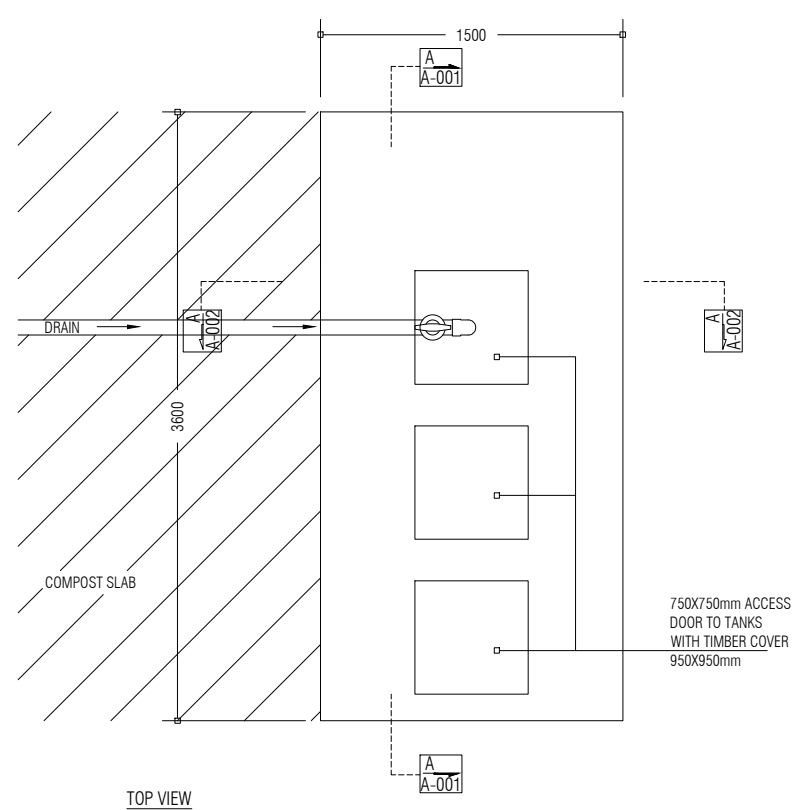
BOUNDARY FENCE FRONT SECTIONAL DETAIL 1:20



COLUMN, BEAM AND EXPANSION JOINT DETAILS 1:20

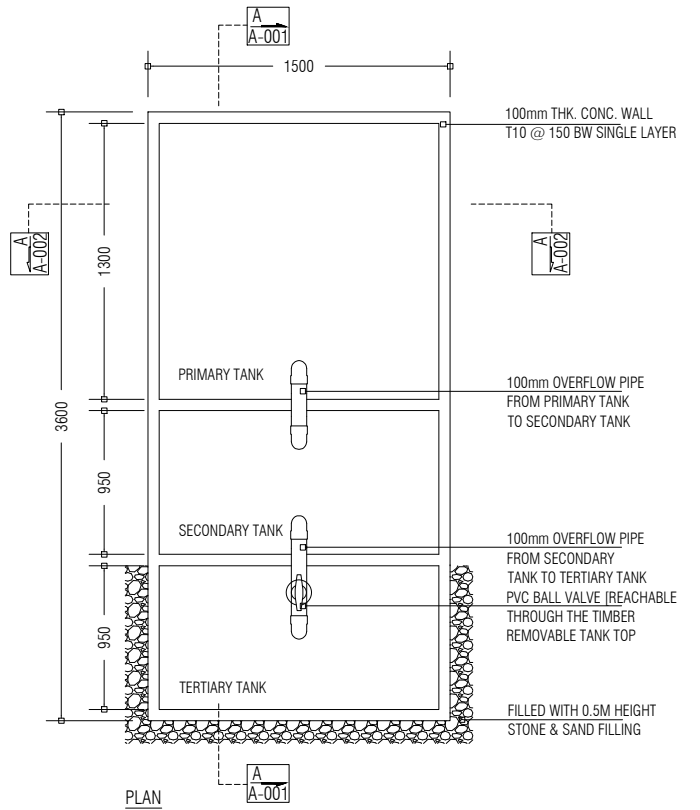
CONCRETE COVERS:
 BEAMS AND COLUMNS: 30mm
 75MM SLAB: 30mm
 100MM SLAB: 40mm
 150MM SLAB: 40mm
 NOTE:
 1. RE/WB TO BE CAST ON TOP OF MASONRY WALLS
 2. MASONRY WALLS TO BE PLACED ON TB

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
 MCEP MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALÉ (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301	CONSTRUCTION OF IWRMC TH.GURAIIDHOO	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.	GURA-D1-13
		DATE	28.10.2021

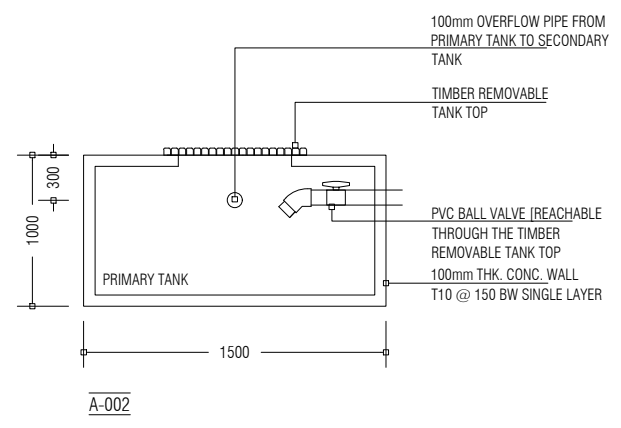


TOP VIEW

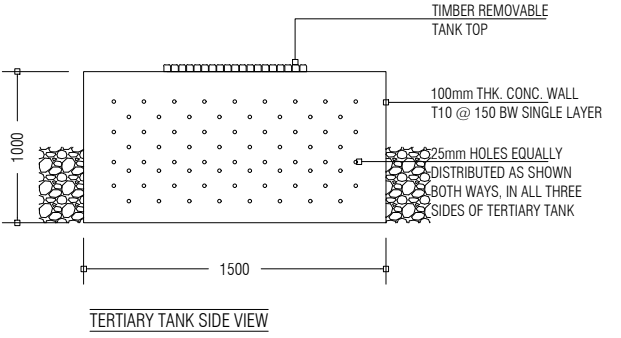
LEACHATE WELL (NTS)



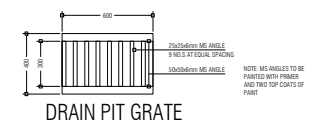
PLAN



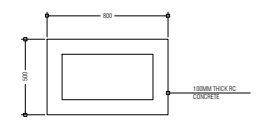
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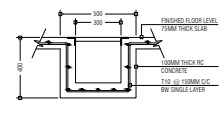
TERTIARY TANK SIDE VIEW



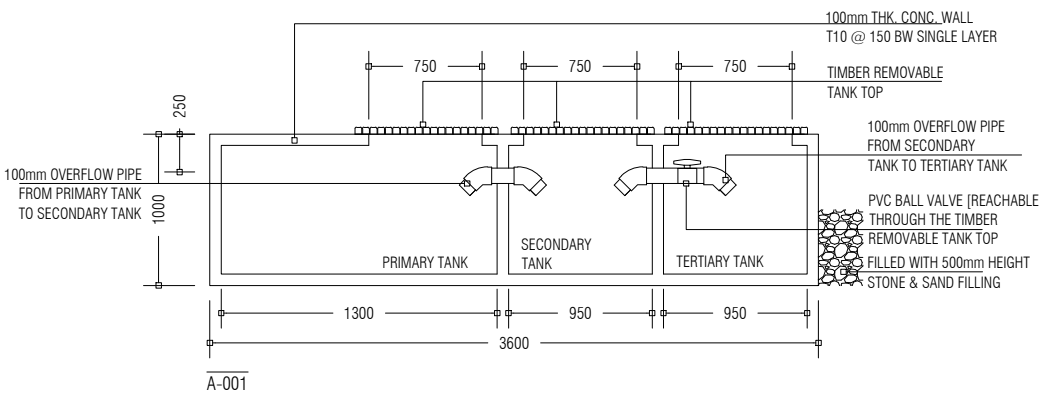
DRAIN PIT GRATE



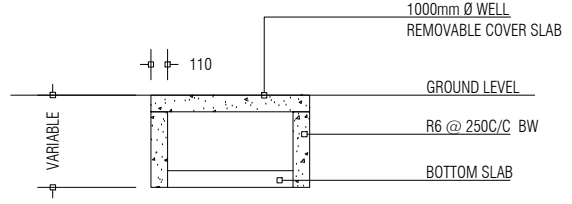
DRAIN PIT: TOP VIEW



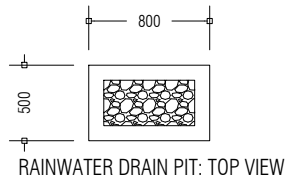
DRAIN PIT: SECTION VIEW



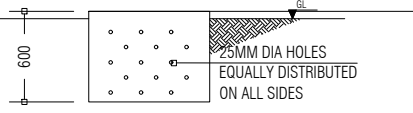
LEACHATE WELL (NTS)



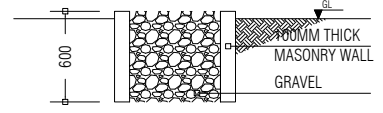
GROUND WATER WELL [1:50]




RAINWATER DRAIN PIT: TOP VIEW

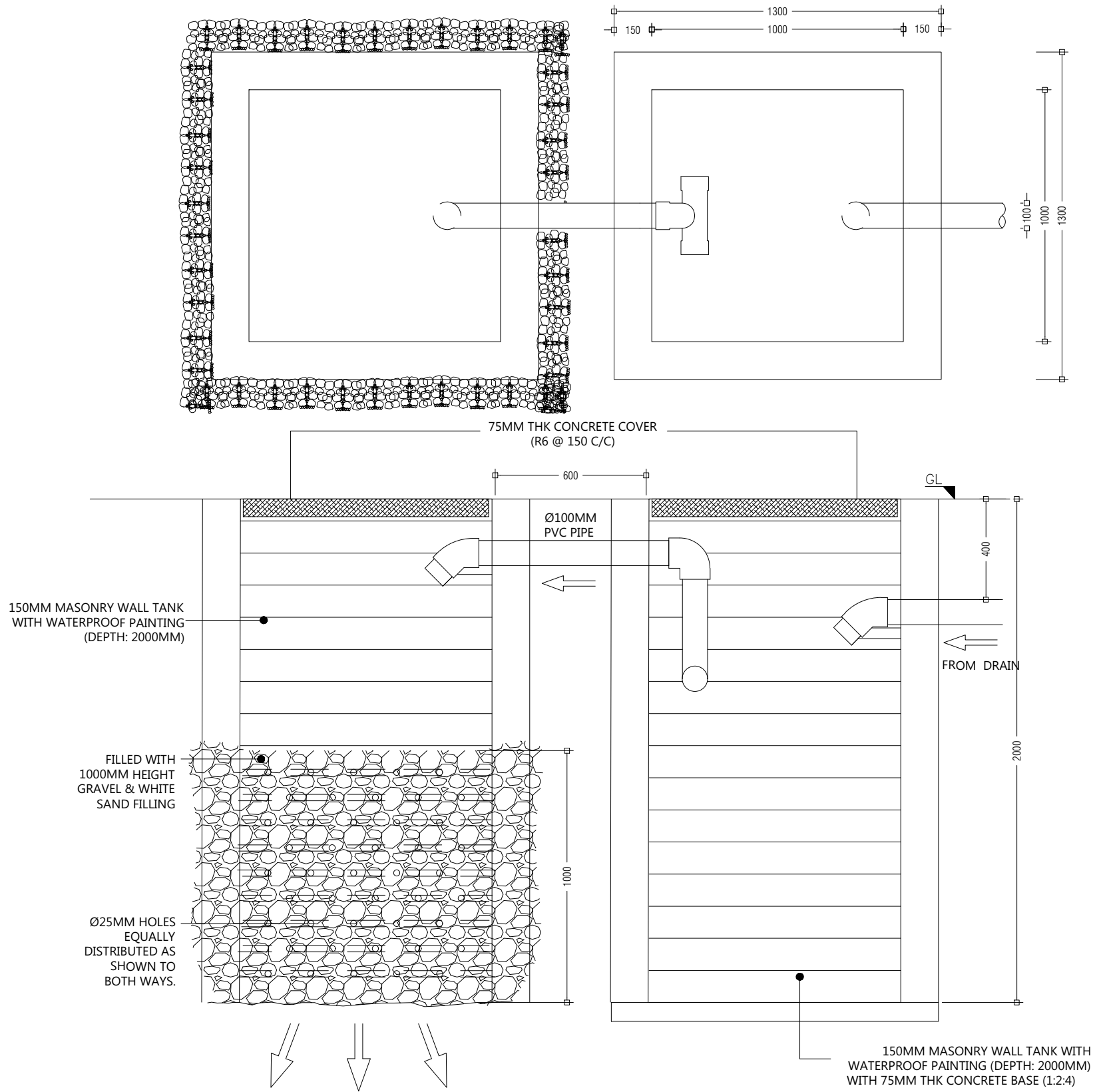


RAINWATER DRAIN PIT: SIDE VIEW



RAINWATER DRAIN PIT: SECTION VIEW

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	TITLE	STRUCTURE BY		
	LEACHATE WELL, GROUND WATER WELL, RAINWATER DRAIN PIT AND WASTE MANAGEMENT BUILDING DRAIN PIT DETAILS	MA		
	CLIENT DEPARTMENT	DRAWN BY		
	WMPC DEPARTMENT	MA		
	PAPER SIZE A3	SCALE	NTS, 1:50	
	PAGE NO. 14	DWG NO.	GURA-D1-14	
		DATE	28.10.2021	



PREPARED BY

PROJECT

DESIGN BY

AMENDMENTS

CONSTRUCTION OF IWRMC
TH.GURAIIDHOO

MA

TITLE
SEPTIC TANK DETAILS

STRUCTURE BY
MA

CLIENT DEPARTMENT
WMPC DEPARTMENT

DRAWN BY
MA

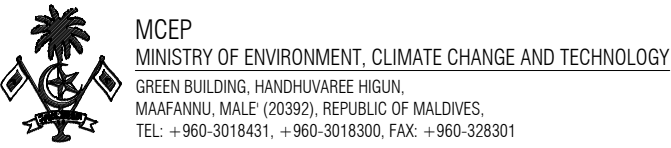
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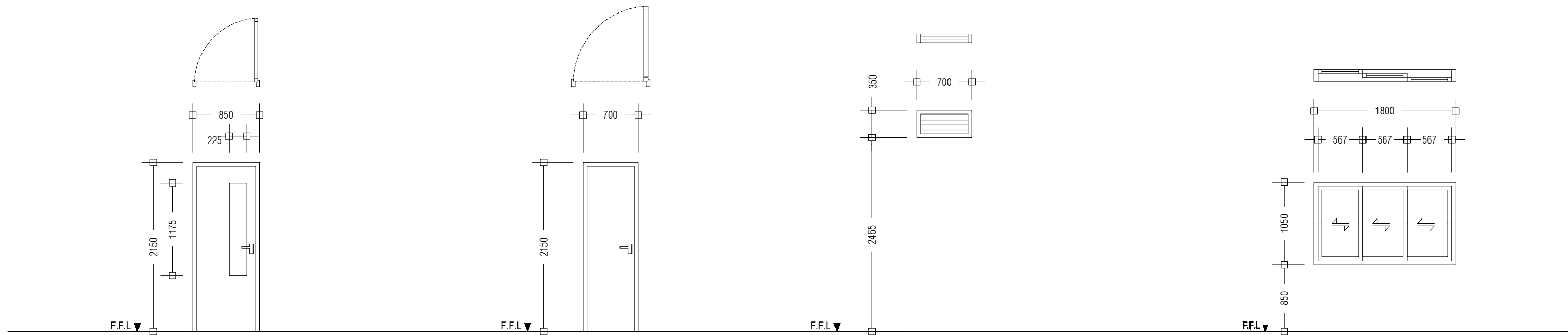
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PAGE NO. 15

DWG NO. GURA-D1-15

DATE 28.10.2021



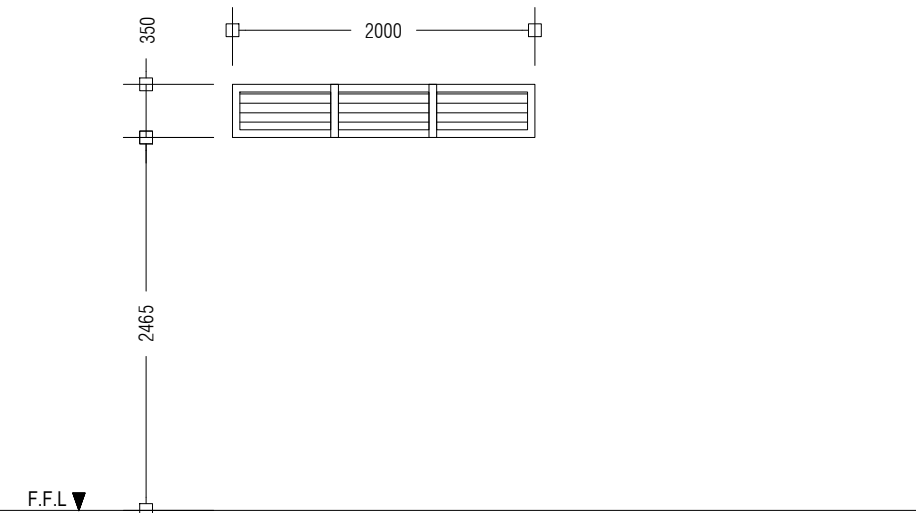


D2	SWING TYPE DOOR
REMARKS	ALUMINIUM DOOR WITH CLEAR GLASS PANEL 01 DOOR KNOB WITH LOCK SET 04 HINGES DOOR STOPPER, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 04
OPEN AREA	1.83 m ²

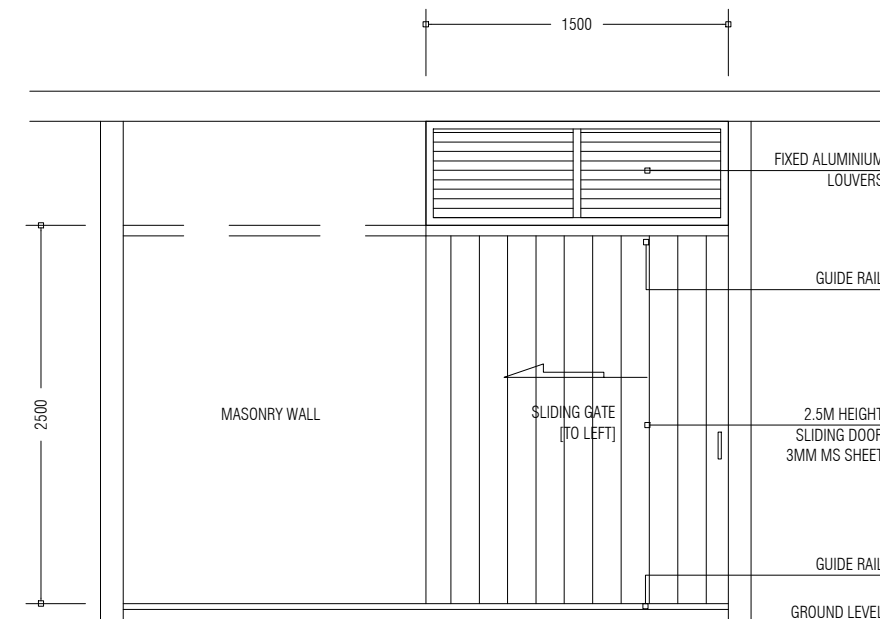
D3	SWING TYPE DOOR
REMARKS	ALUMINIUM DOOR WITH DOOR KNOB AND 1 LOCK SET 04 HINGES
LOCATION	GROUND FLOOR
QUANTITY	NO.S 01
OPEN AREA	1.51m ²

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

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 TH.GURAIIDHOO	MA		
	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.	GURA-A2-16	
		DATE	28.10.2021	