

UPGRADING OF B.THULHAADHOO  
ISLAND WASTE AND RESOURCE MANAGEMENT CENTRE




PREPARED BY:  
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY

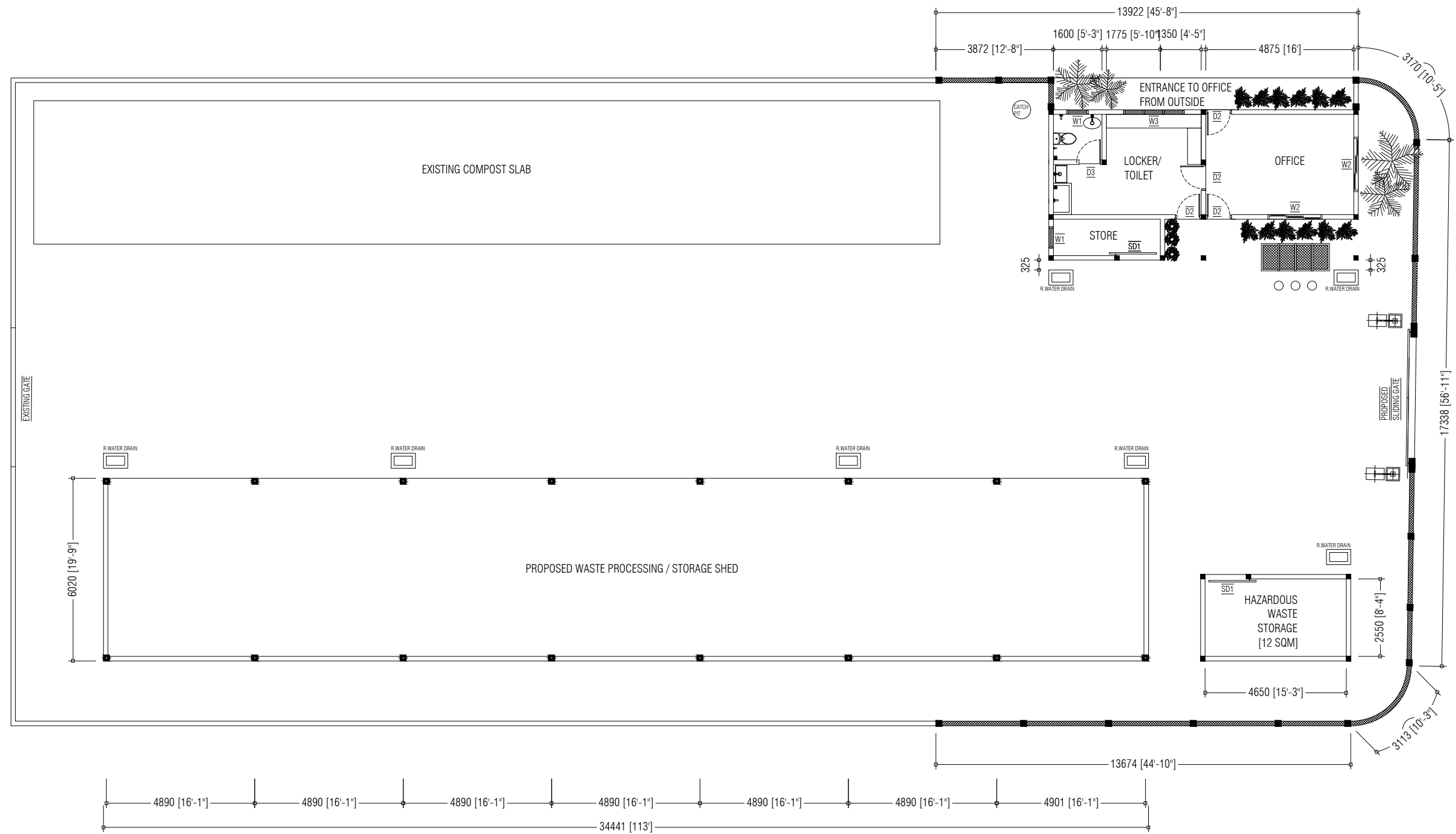
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SEPTEMBER 2023

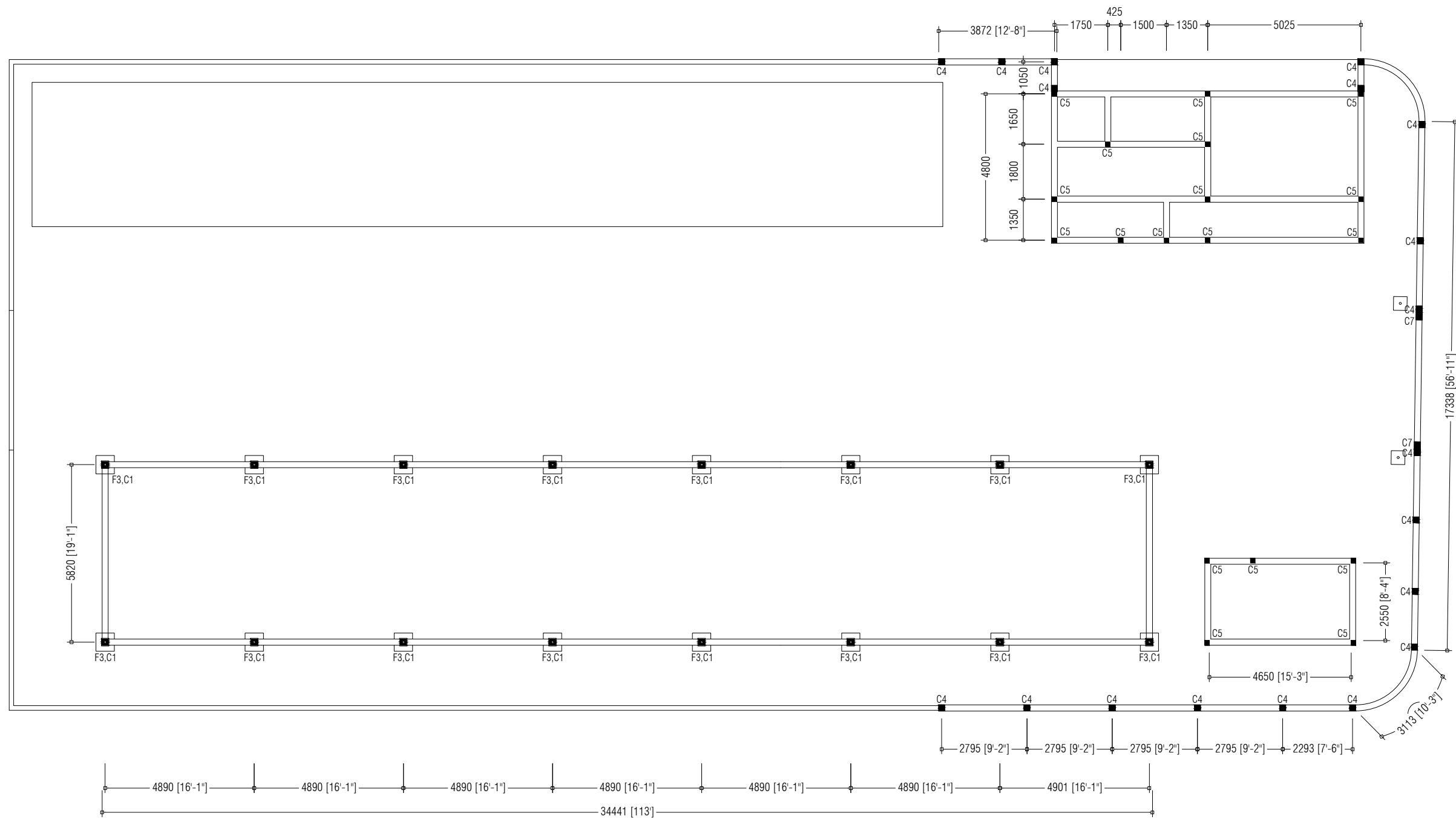


ALLOCATED IWMC  
LAND AREA


PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
 <p>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>	UPGRADING OF IWRMC B.THULHAADHOO	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.	THUL-A1-01
	DATE	13.09.2023	



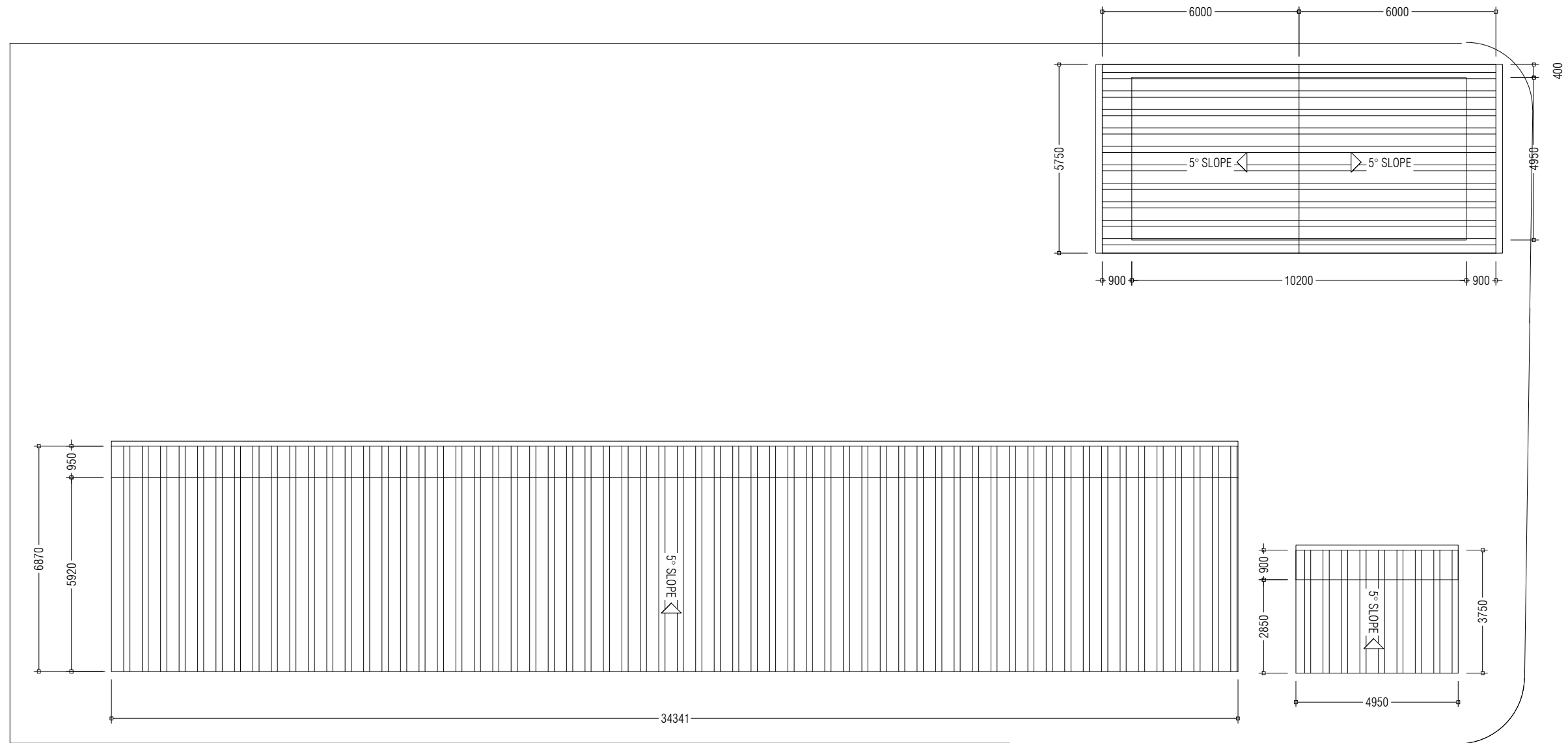
PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
<p>MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY  GREEN BUILDING, HANDHUVAREE HIGUN,  MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES.  TEL: +960-3018431, +960-3018300, FAX: +960-328301</p>	UPGRADING OF IWRMC B.THULHAADHOO	MA	
	LAYOUT PLAN	MA	
	WMPC DEPARTMENT	MA	
	PAPER SIZE A3	SCALE 1:150	
	PAGE NO. 02	DWG NO. THUL-A1-02	
		DATE 13.09.2023	



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

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 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	UPGRADING OF IWRMC B.THULHAADHOO	MA	
	FOUNDATION PLAN	MA	
	CLIENT DEPARTMENT WMPC DEPARTMENT	MA	
	PAPER SIZE A3	SCALE 1:150	
	PAGE NO. 03	DWG NO. THUL-A1-03	
		DATE 13.09.2023	





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UPGRADING OF IWRMC  
B.THULHAADHOO

MA

TITLE  
ROOF PLAN

STRUCTURE BY

MA

CLIENT DEPARTMENT  
WMPC DEPARTMENT

DRAWN BY

MA

PAPER SIZE A3

SCALE 1:150

PAGE NO. 05

DWG NO. THUL-A1-05

DATE 13.09.2023

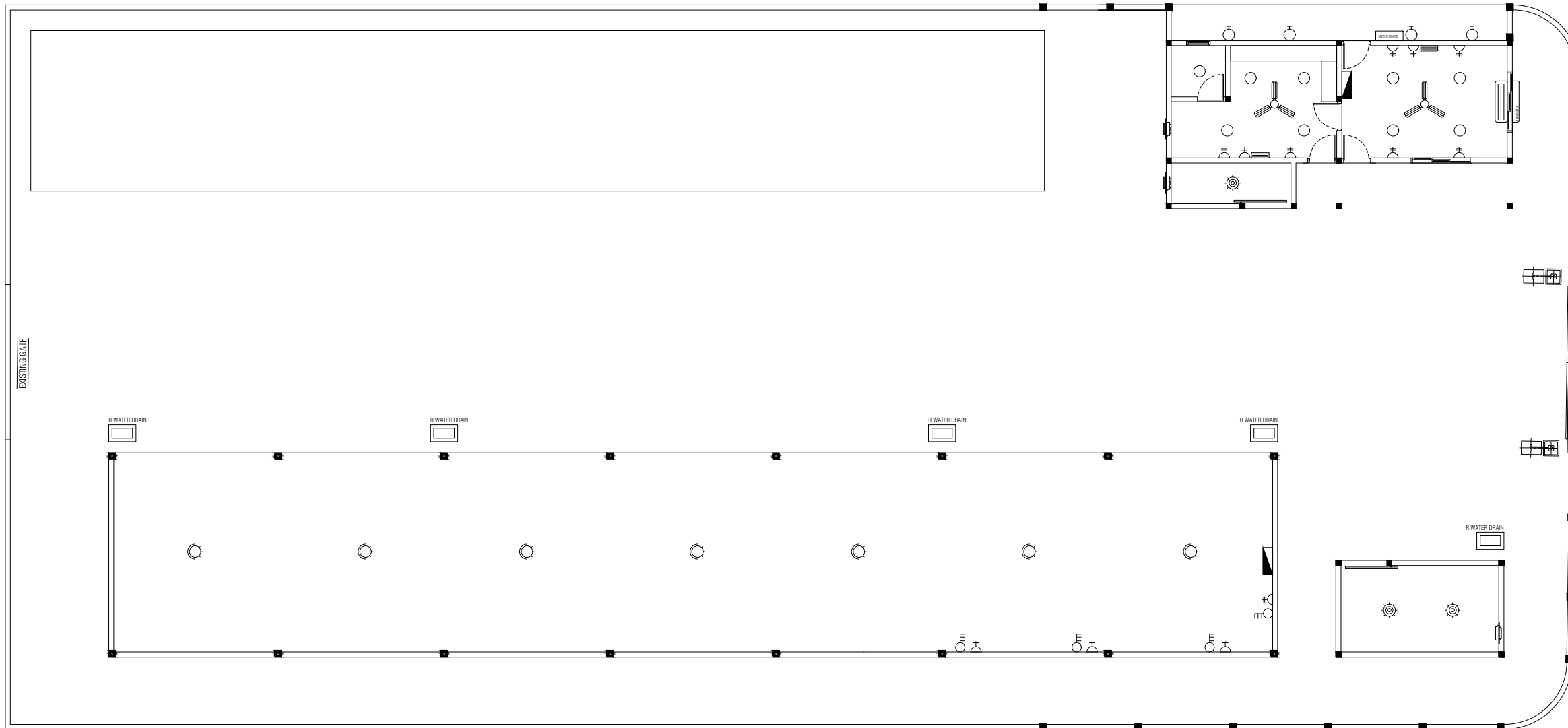












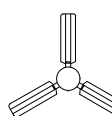
MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY  
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- METER BOARD 
- DISTRIBUTION BOARDS 
- 20W LED LIGHT (DAY LIGHT) 
- 20W CEILING MOUNT LED LIGHT (WARM WHITE) 
- 20W WALL MOUNT EXTERIOR LED LIGHT (WARM WHITE) 
- 100W SWIVEL LED FLOOD LIGHT (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 56" DIA 

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UPGRADING OF IWRMC  
B.THULHAADHOO

MA

TITLE  
ELECTRICAL PLAN

STRUCTURE BY  
MA

CLIENT DEPARTMENT  
WMPC DEPARTMENT

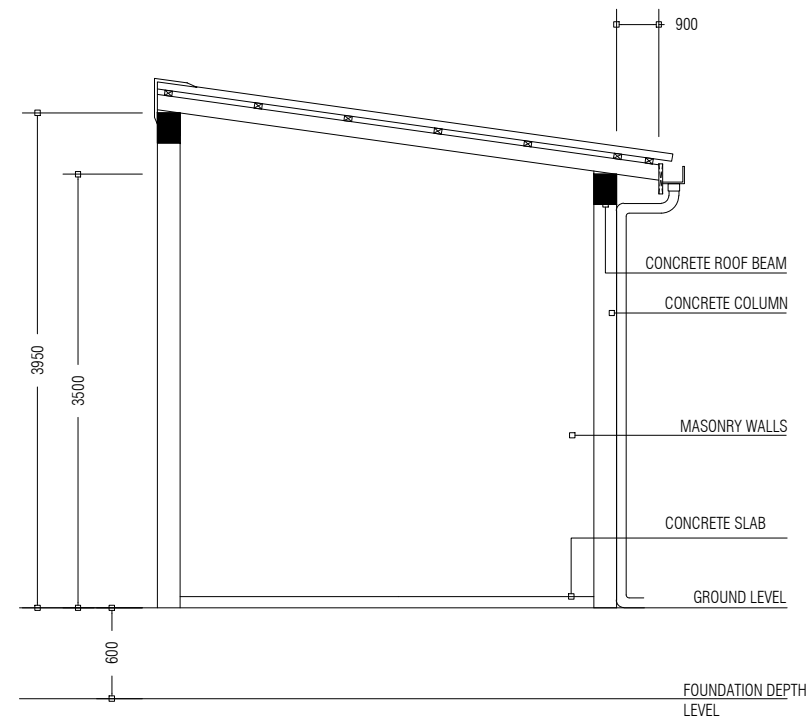
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PAPER SIZE A3  
PAGE NO. 08

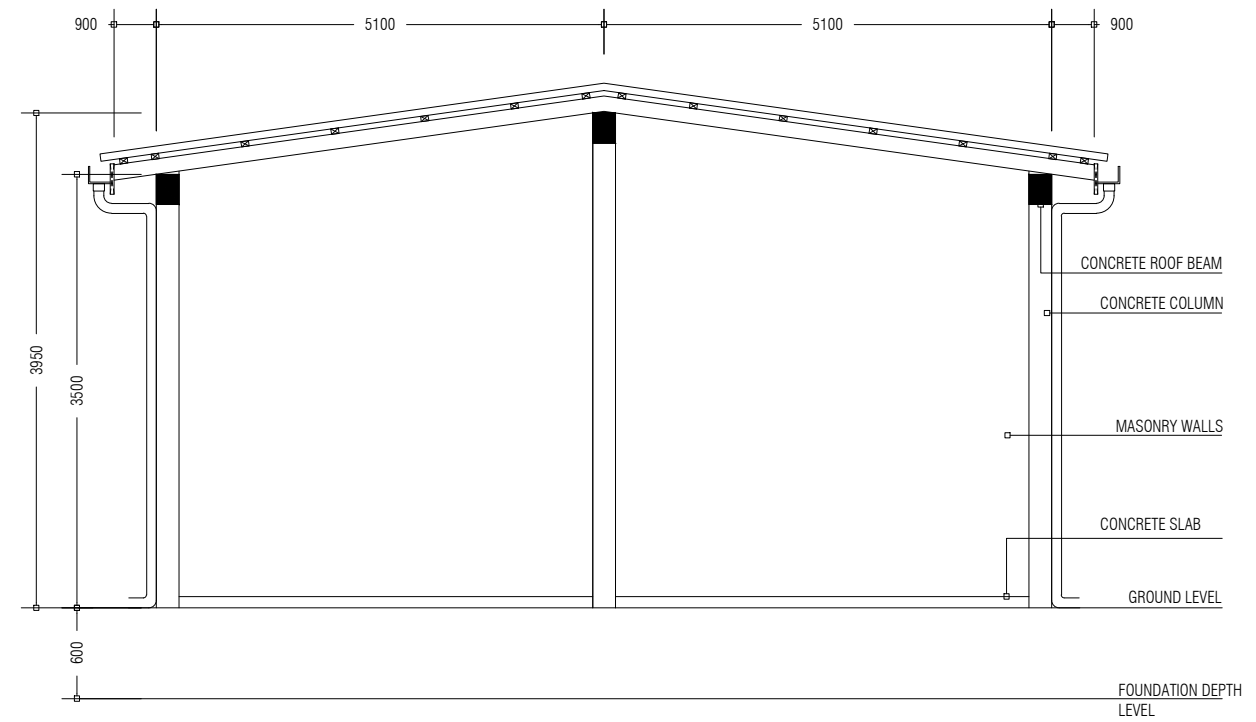
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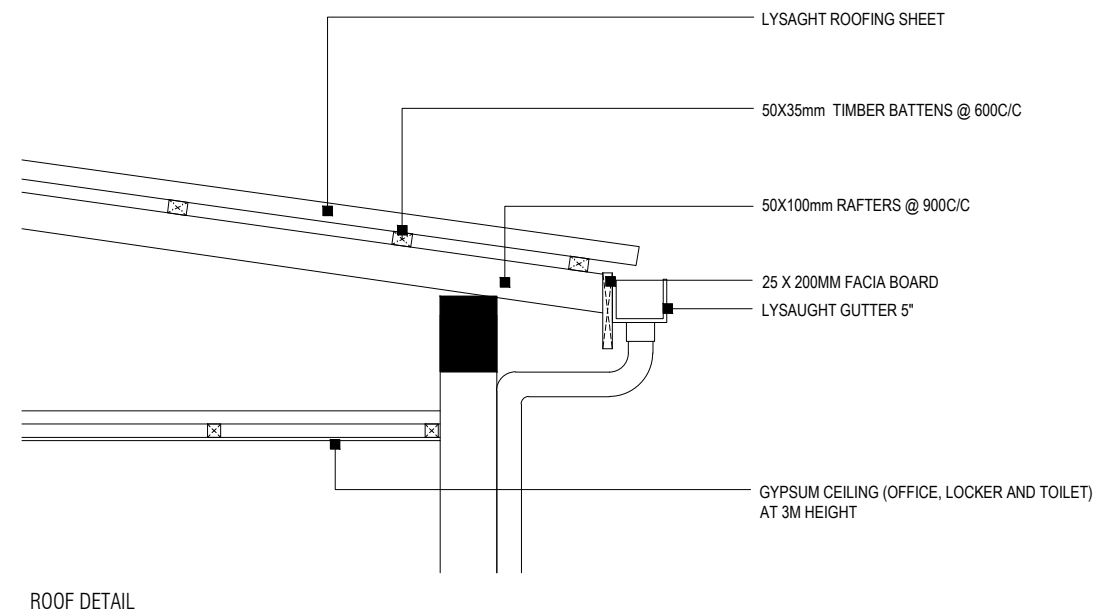
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HAZARDOUS WASTE STORAGE BUILDING SECTION

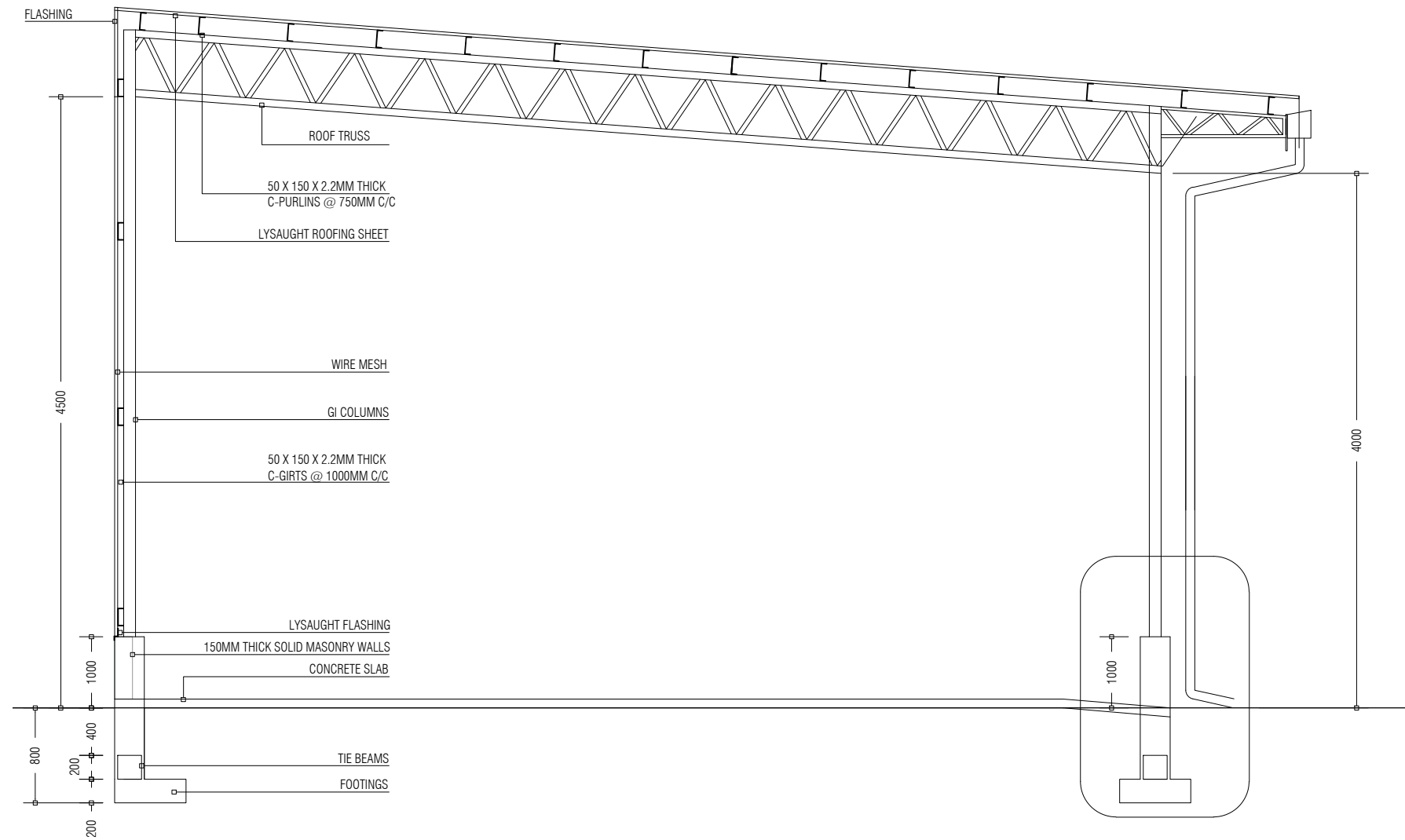


OFFICE / LOCKER BUILDING SECTION




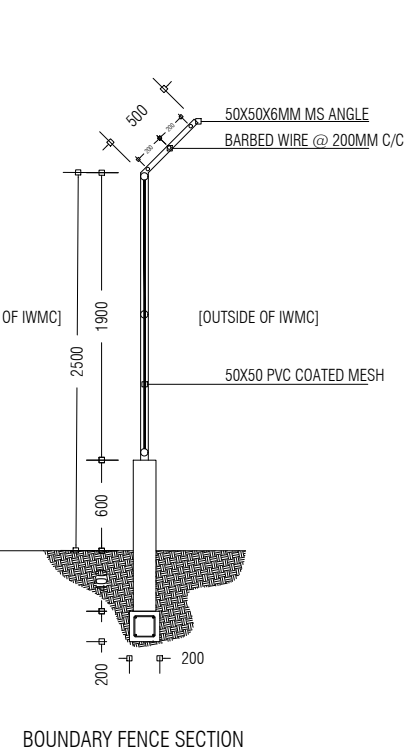
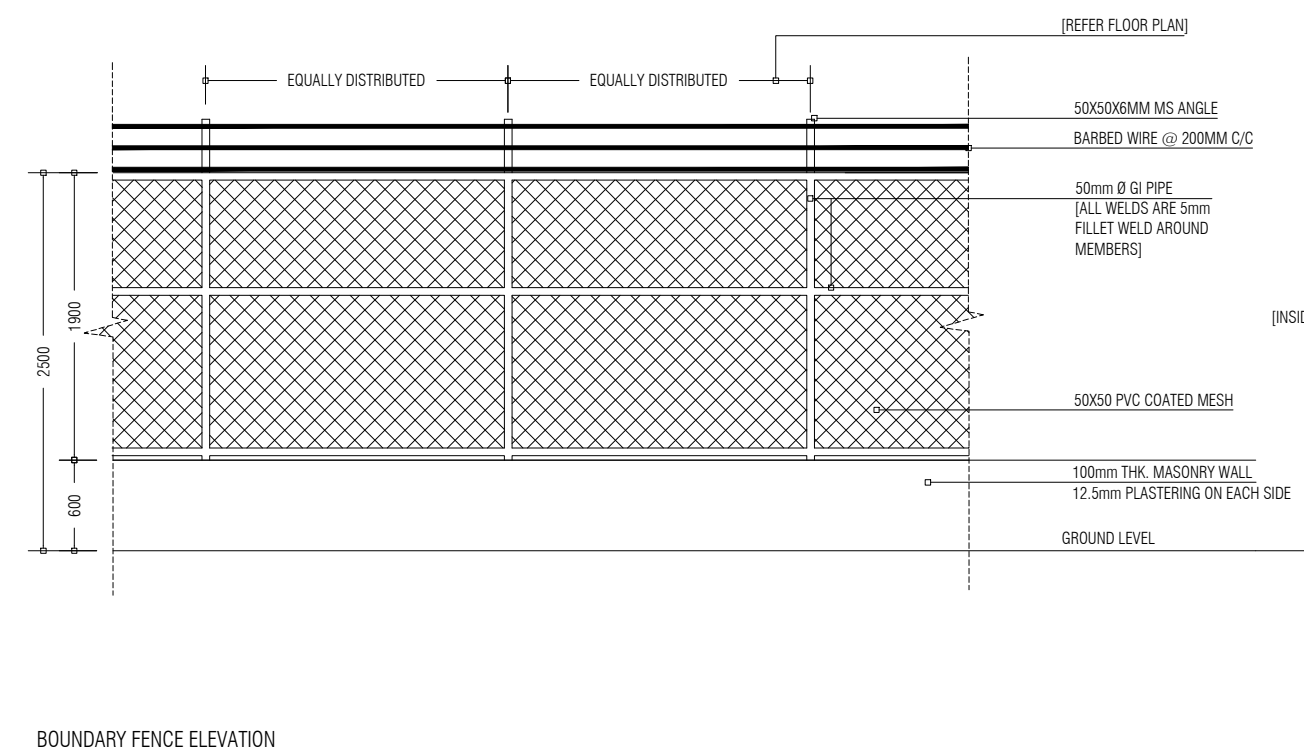
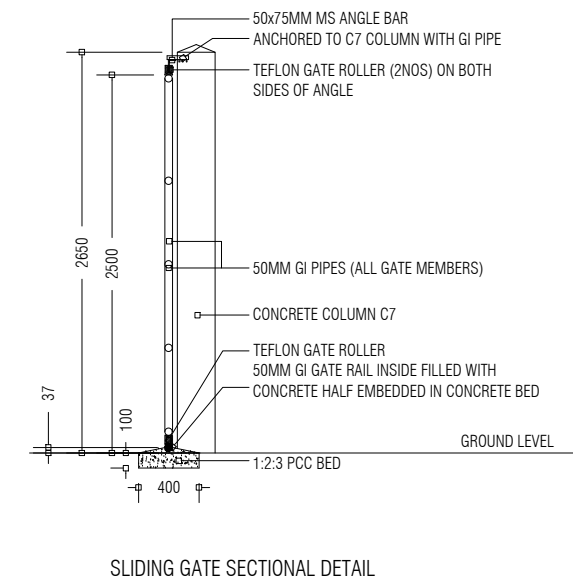
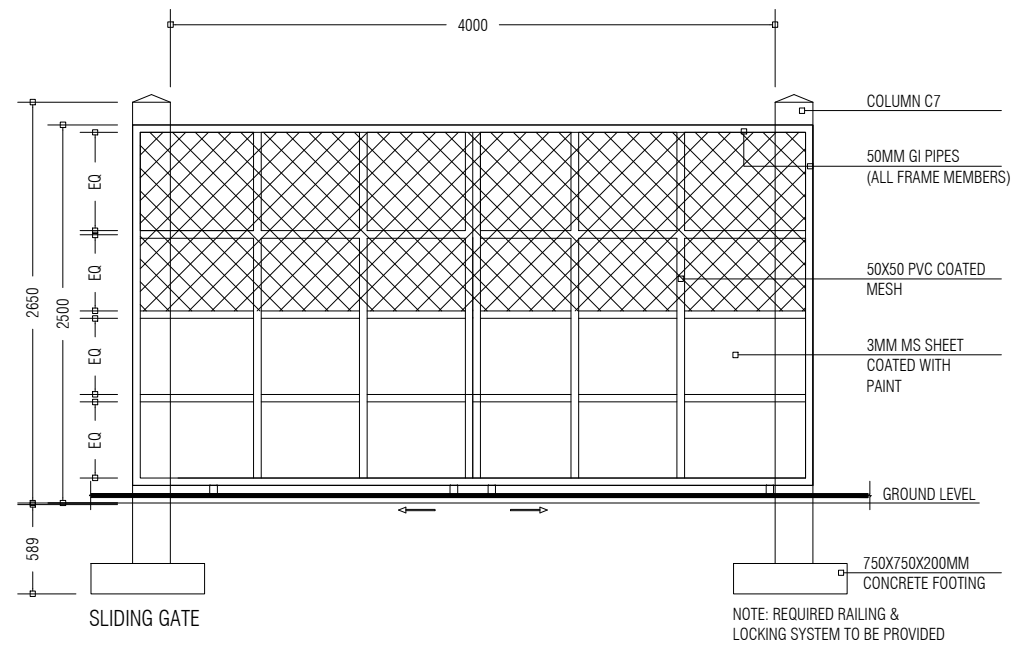
ROOF DETAIL


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	TITLE ELEVATIONS AND SECTIONS	STRUCTURE BY MA	
	CLIENT DEPARTMENT WMPC DEPARTMENT	DRAWN BY MA	
	PAPER SIZE A3	SCALE 1:150	
	PAGE NO. 07	DWG NO. THUL-A2-09	
		DATE 13.09.2023	

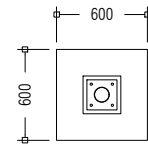
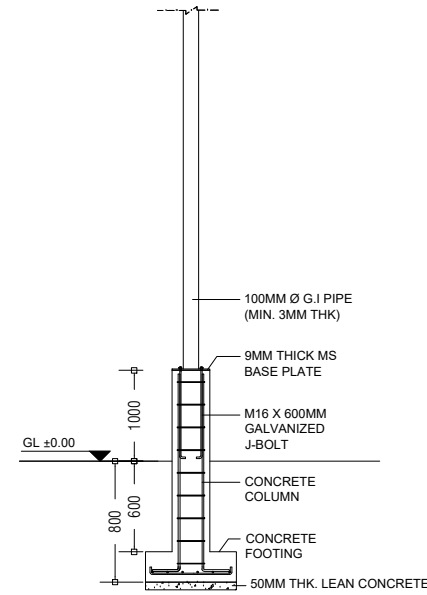


WASTE MANAGEMENT BAY SECTION

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	TITLE	STRUCTURE BY	
	ELEVATIONS AND SECTIONS	MA	
	CLIENT DEPARTMENT	DRAWN BY	
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	PAPER SIZE A3	SCALE 1:50	
PAGE NO. 10	DWG NO. THUL-A2-10		
	DATE 13.09.2023		

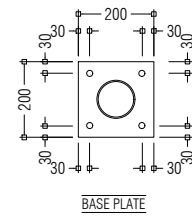


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	TITLE	STRUCTURE BY	
	ELEVATION AND SECTIONS: GATE DETAILS, FENCE DETAILS	MA	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	MA	
	PAPER SIZE A3	SCALE 1:50	
PAGE NO. 11	DWG NO. THUL-A2-11		
	DATE 13.09.2023		

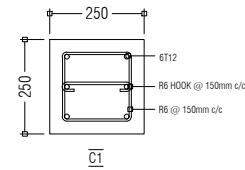


PAD	SIZE (MM)	REINFORCEMENT
F3	600 x 600 x 200	T10 @ 100 c/c BW (BOTTOM)

FOOTING DETAILS 1:50



BASE PLATE



C1

BASE PLATE AND COLUMN DETAILS 1:20

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UPGRADING OF IWRMC  
B.THULHAADHOO

MA

TITLE

STRUCTURE BY

FOOTING DETAILS

MA

CLIENT DEPARTMENT

DRAWN BY

WMPC DEPARTMENT

MA

PAPER SIZE A3

SCALE

1:50, 1:20

PAGE NO. 12

DWG NO.

THUL-D1-12

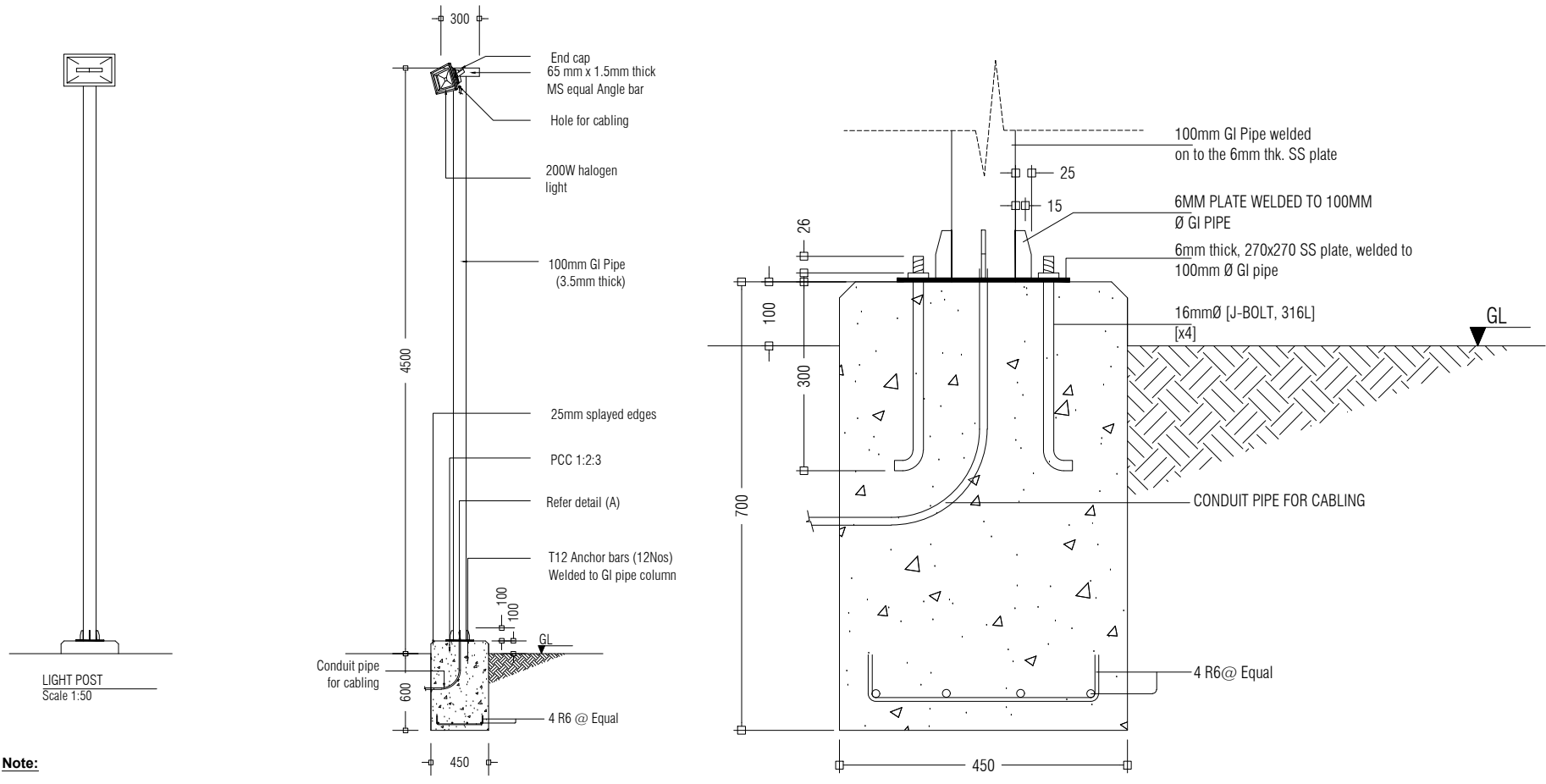
DATE

13.09.2023



MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND TECHNOLOGY

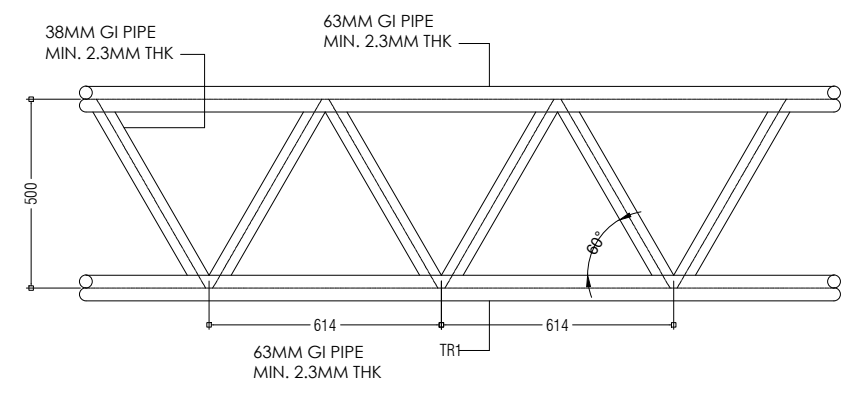
GREEN BUILDING, HANDHUVAREE HIGUN,  
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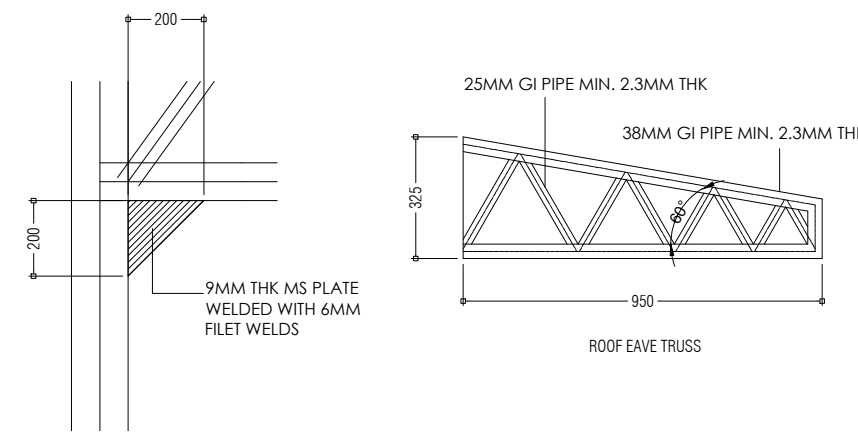
LIGHT POST DETAIL  
Scale 1:50

LIGHT POST FOUNDATION FOOTING DETAIL 1:10

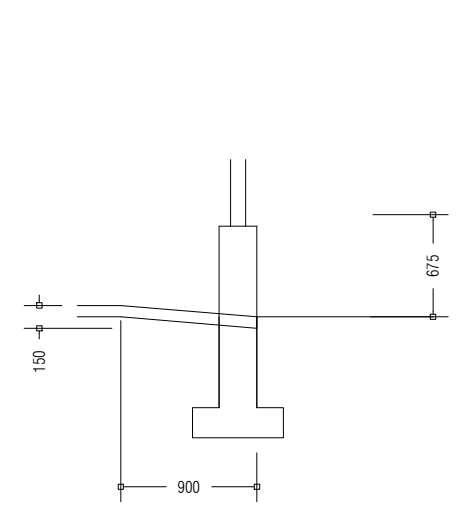
**Note:**  
 \* Concrete cover: 50mm  
 \* GI pipe to be painted with 1 coat of sealer & 2 coats of finishing paint.  
 (Sigma or equivalent, maroon colour)



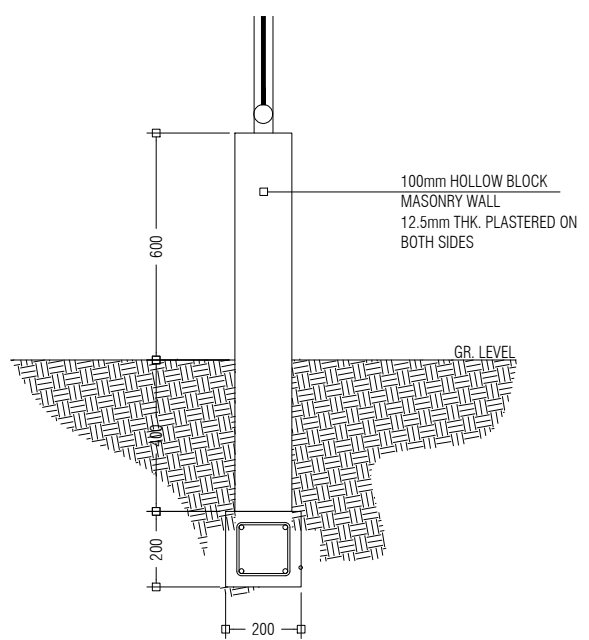
TRUSS DETAIL 1:20



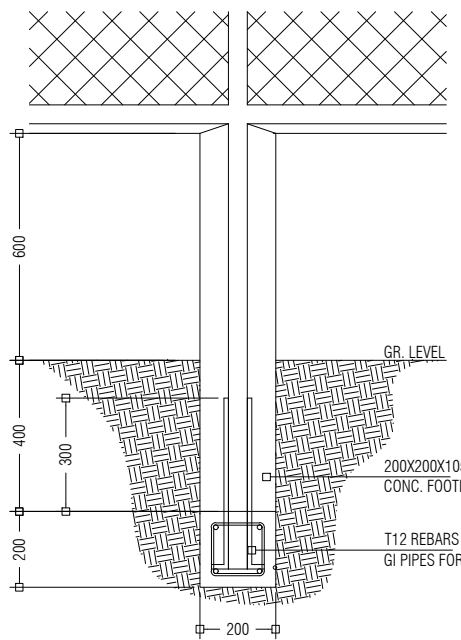
COLUMN AND TRUSS CONNECTION DETAIL 1:20



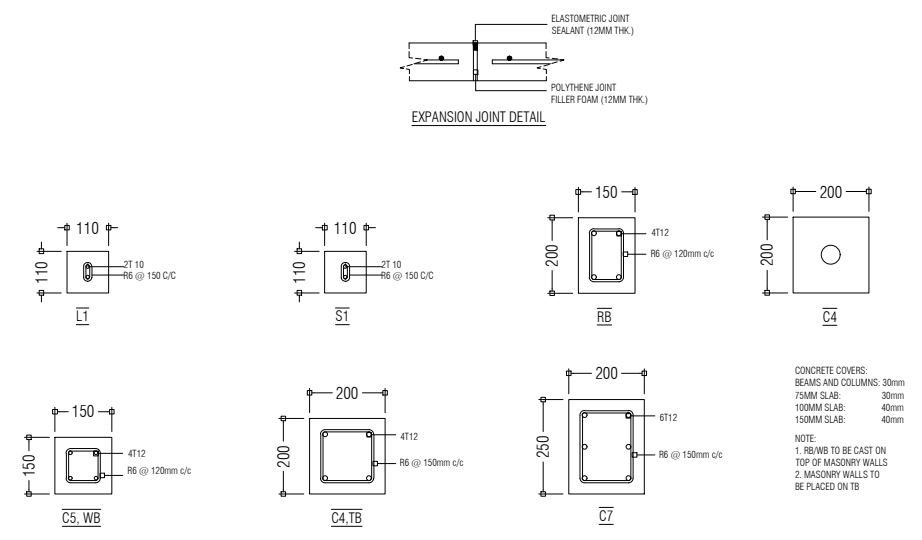
DETAIL A: RAMP DETAIL 1:50



BOUNDARY FENCE SIDE SECTIONAL DETAIL 1:20



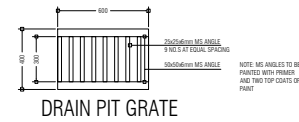
BOUNDARY FENCE FRONT SECTIONAL DETAIL 1:20



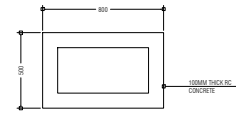
COLUMN, BEAM AND EXPANSION JOINT DETAILS 1:20

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

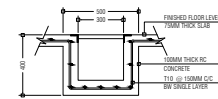
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	TITLE	STRUCTURE BY		
	STRUCTURAL DETAILS	MA		
	CLIENT DEPARTMENT	DRAWN BY		
	WMPC DEPARTMENT	MA		
	PAPER SIZE A3	SCALE	1:50, 1:20, 1:10	
	PAGE NO. 13	DWG NO.	THUL-D1-13	
		DATE	13.09.2023	



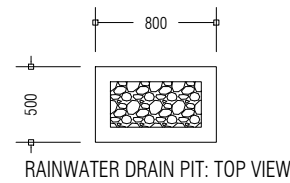
DRAIN PIT GRATE



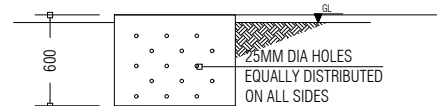
DRAIN PIT: TOP VIEW



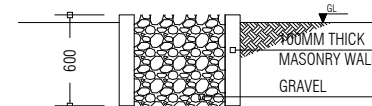
DRAIN PIT: SECTION VIEW




RAINWATER DRAIN PIT: TOP VIEW

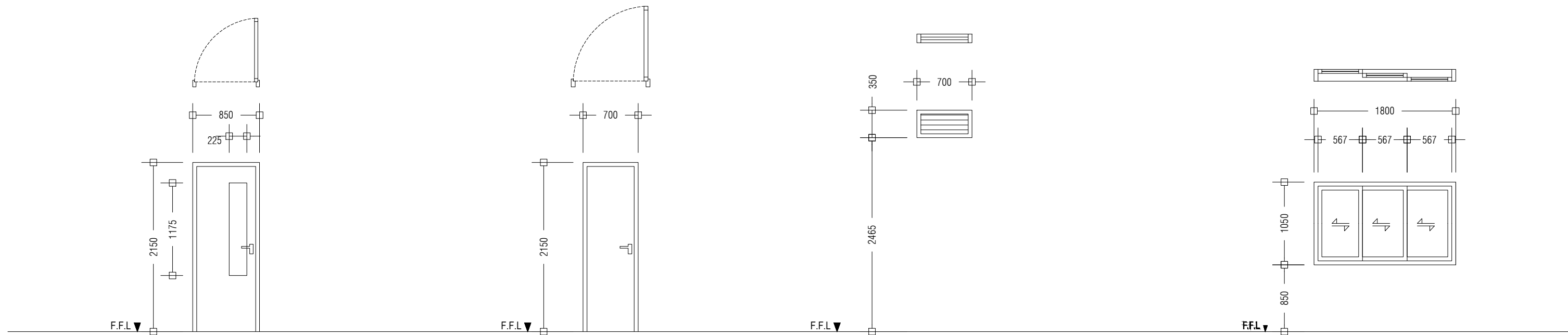


RAINWATER DRAIN PIT: SIDE VIEW



RAINWATER DRAIN PIT: SECTION VIEW

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	TITLE RAINWATER DRAIN PIT AND WASTE MANAGEMENT BUILDING DRAIN PIT DETAILS	STRUCTURE BY MA	
	CLIENT DEPARTMENT WMPC DEPARTMENT	DRAWN BY MA	
	PAPER SIZE A3	SCALE NTS, 1:50	
	PAGE NO. 14	DWG NO. THUL-D1-14	
		DATE 13.09.2023	

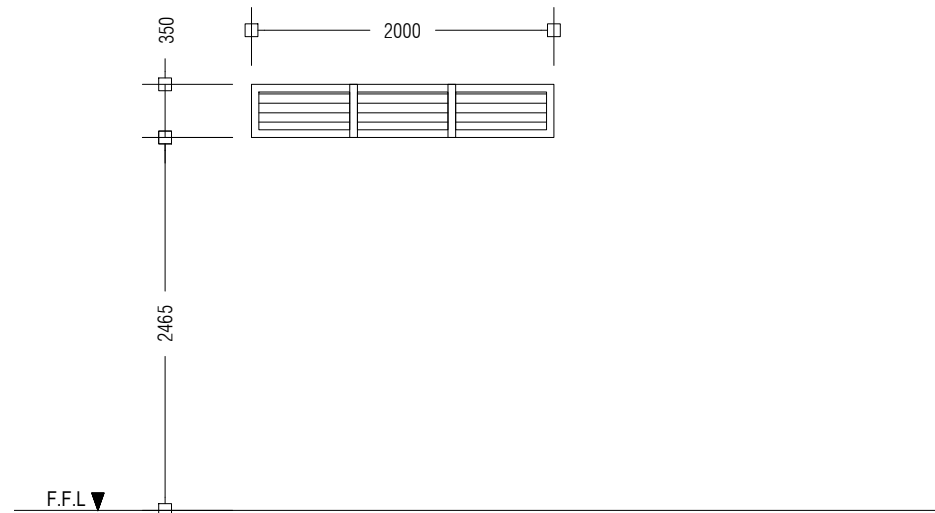


<b>D2</b>	SWING TYPE DOOR
REMARKS	ALUMINIUM DOOR WITH CLEAR GLASS PANEL 01 DOOR KNOB WITH LOCK SET 04 HINGES DOOR STOPPER, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 04
OPEN AREA	1.83 m <sup>2</sup>

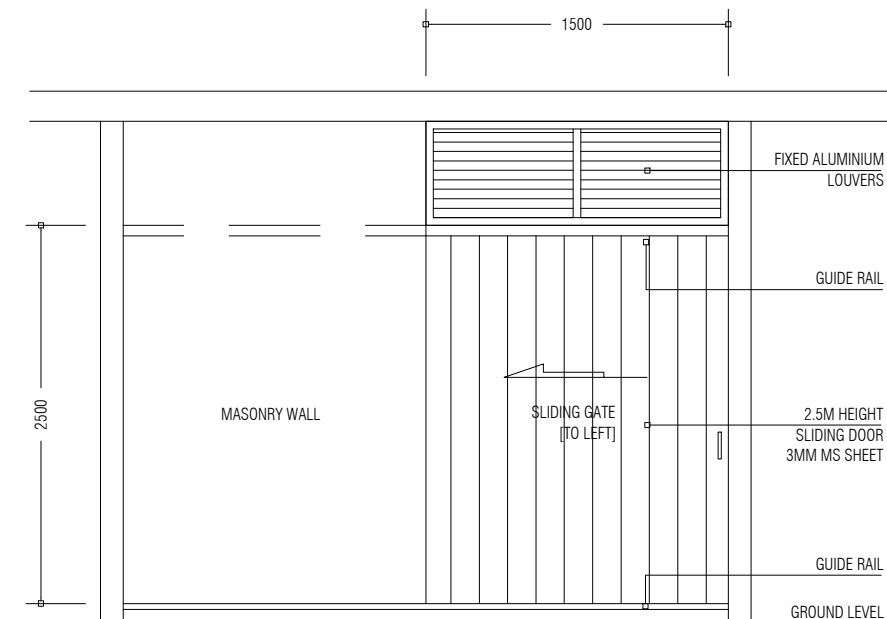
<b>D3</b>	SWING TYPE DOOR
REMARKS	ALUMINIUM DOOR WITH DOOR KNOB AND 1 LOCK SET 04 HINGES
LOCATION	GROUND FLOOR
QUANTITY	NO.S 01
OPEN AREA	1.51m <sup>2</sup>

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

<b>W2</b>	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 <sup>2</sup>



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



HAZADIOUS WASTE / STORE SD1

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	UPGRADING OF IWRMC B.THULHAADHOO	MA	
	TITLE	STRUCTURE BY	
	DOOR AND WINDOW SCHEDULE	MA	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	MA	
PAPER SIZE	A3	SCALE	1:50
PAGE NO.	15	DWG NO.	THUL-A2-15
		DATE	13.09.2023



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