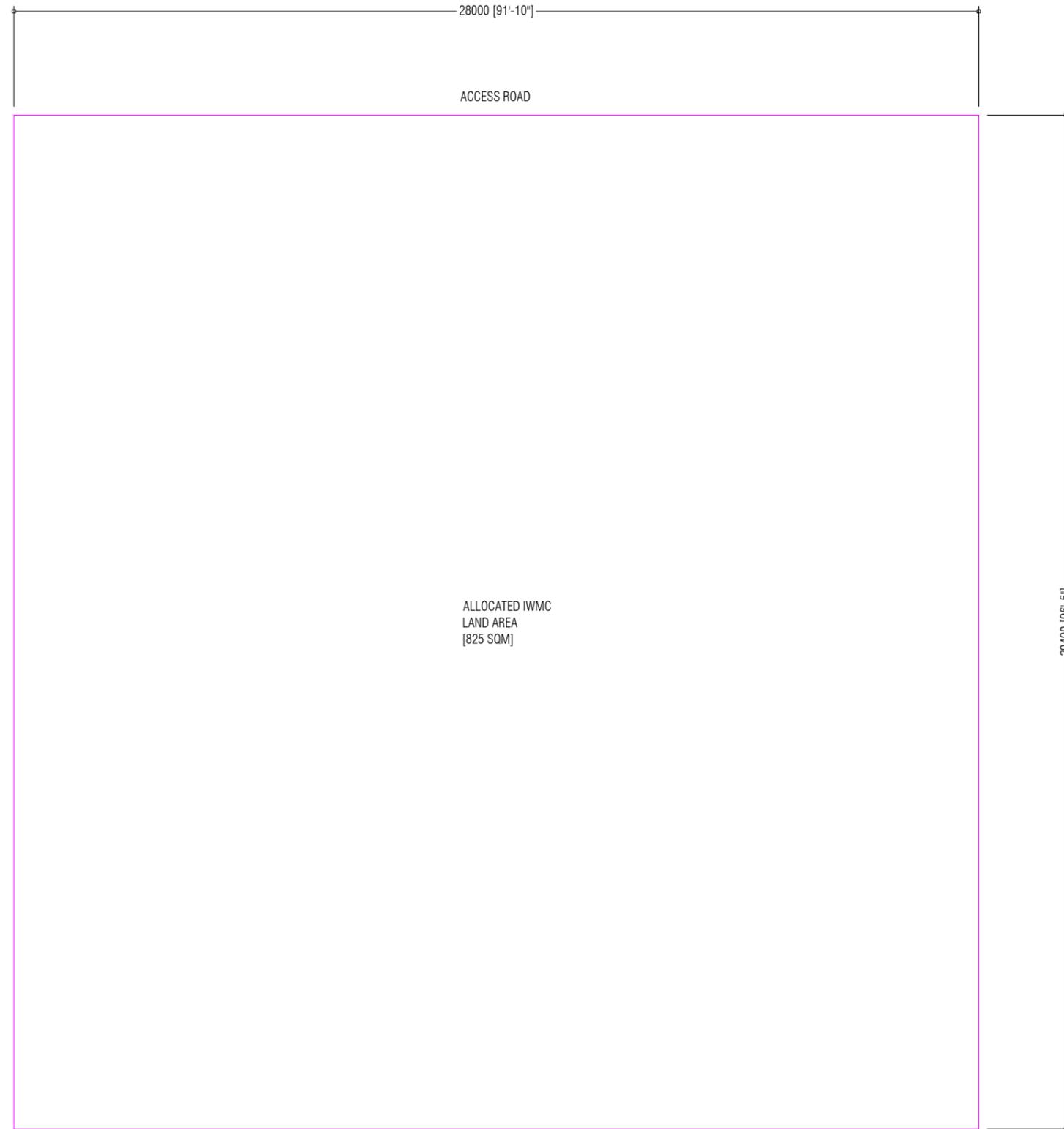


CONSTRUCTION OF M.MULAH ISLAND WASTE MANAGEMENT CENTRE



PREPARED BY:
MALDIVES CLEAN ENVIRONMENT PROJECT
MINISTRY OF ENVIRONMENT

NOVEMBER 2020



PREPARED BY

PROJECT

DESIGN BY

AMENDMENTS

CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
M.MULAH

AFRAZ

TITLE
LOCATION PLAN

STRUCTURE BY
AFRAZ

CLIENT DEPARTMENT
WMPC DEPARTMENT

DRAWN BY
AFRAZ

PAPER SIZE A3

SCALE 1:150

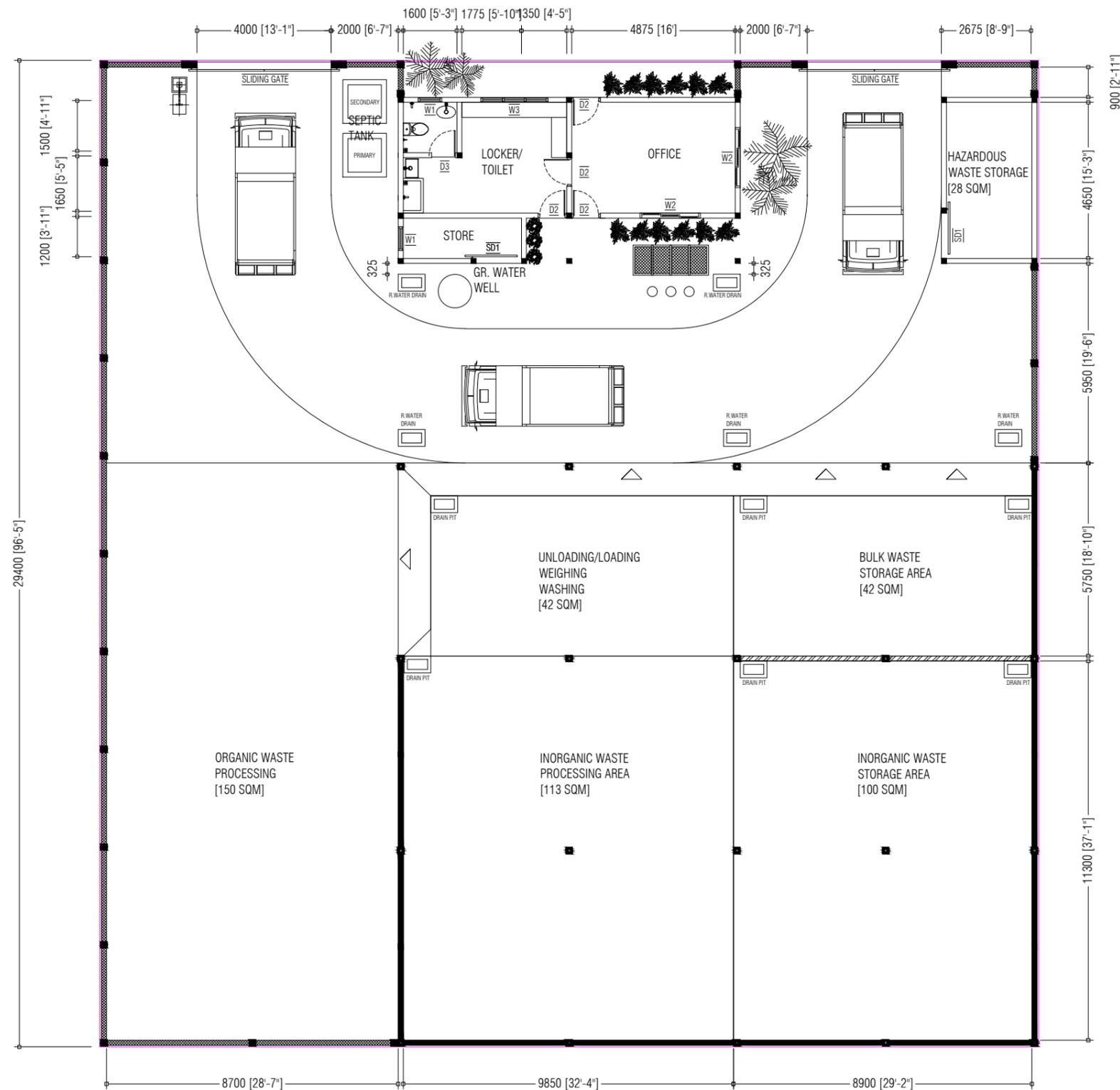
PAGE NO. 01

DWG NO. MULA-A1-01

DATE 15.10.2020



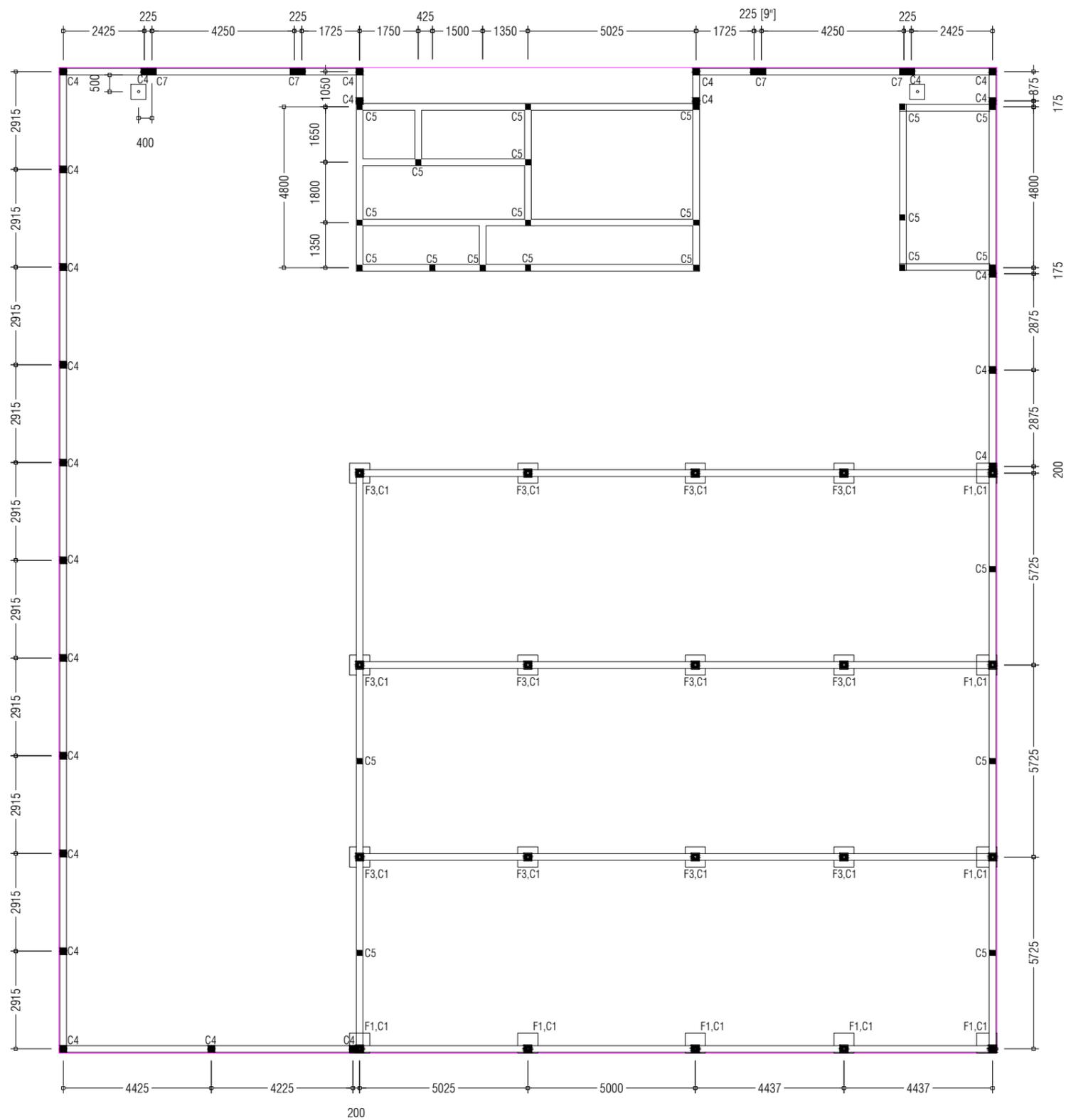
MCEP
MINISTRY OF ENVIRONMENT
GREEN BUILDING, HANDHUVAREE HIGUN,
MAAFANNU, MALE (20392), REPUBLIC OF MALDIVES.
TEL: +960-3018431, +960-3018300, FAX: +960-328301



NOTE:

- 2500mm HEIGHT WALL
- OFFICE / HAZARDOUS WASTE BUILDING WALLS
- 2500mm HEIGHT MASONRY WALL + CLADDING ON TOP
- BOUNDARY FENCE

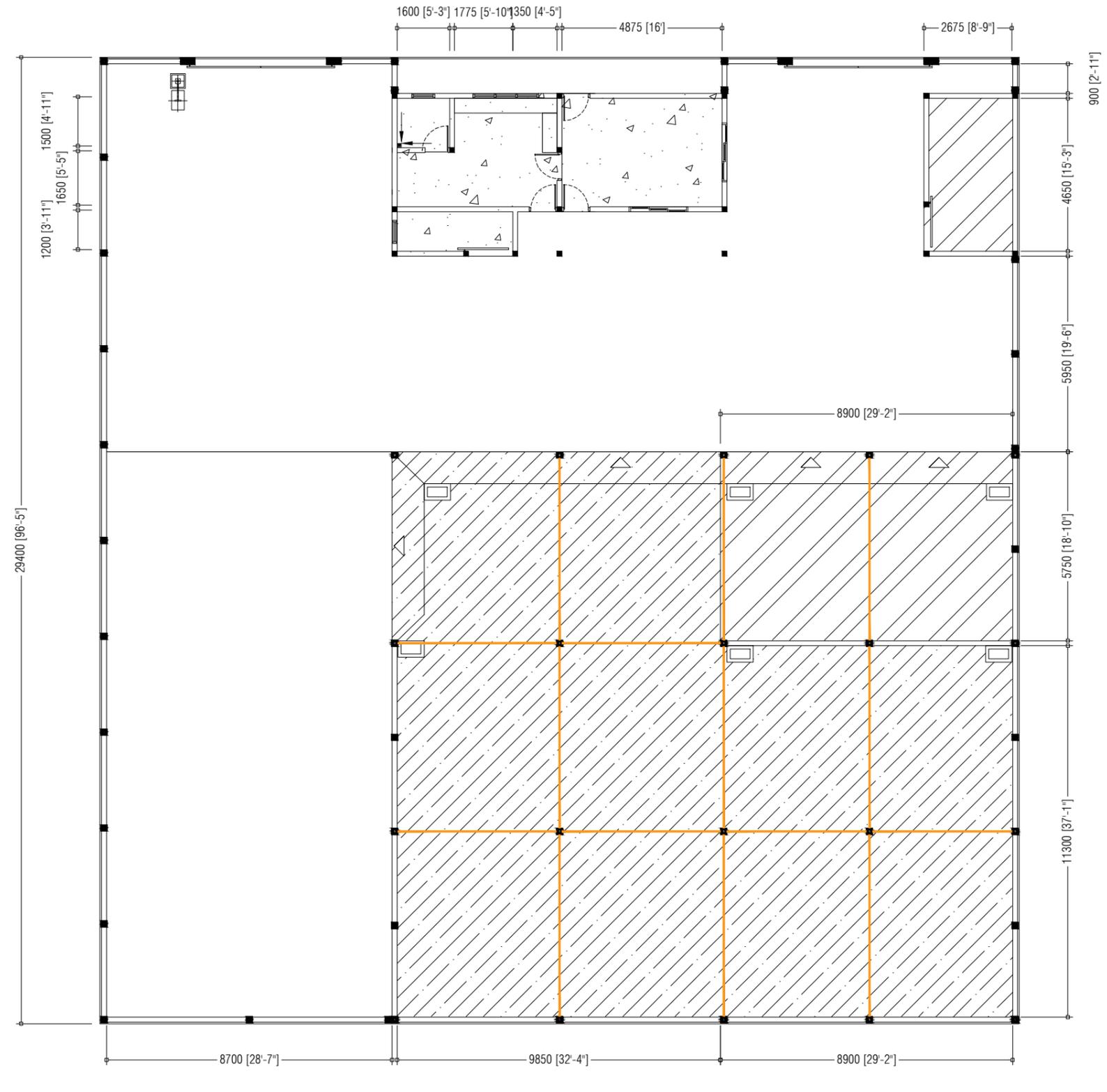
PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS	
MCEP MINISTRY OF ENVIRONMENT GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE (20392), REPUBLIC OF MALDIVES. TEL: +960-3018431, +960-3018300, FAX: +960-328301	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE	AFRAZ		
	M. MULAH			
	TITLE	STRUCTURE BY		
	FLOOR PLAN	AFRAZ		
	CLIENT DEPARTMENT	DRAWN BY		
	WMPC DEPARTMENT	AFRAZ		
PAPER SIZE A3	SCALE	1:150		
PAGE NO. 02	DWG NO.	MULA-A1-02		
	DATE	15.10.2020		



NOTE:

- TIE BEAMS [200X200mm]
- LAMP POST FOOTING [450X450mm]

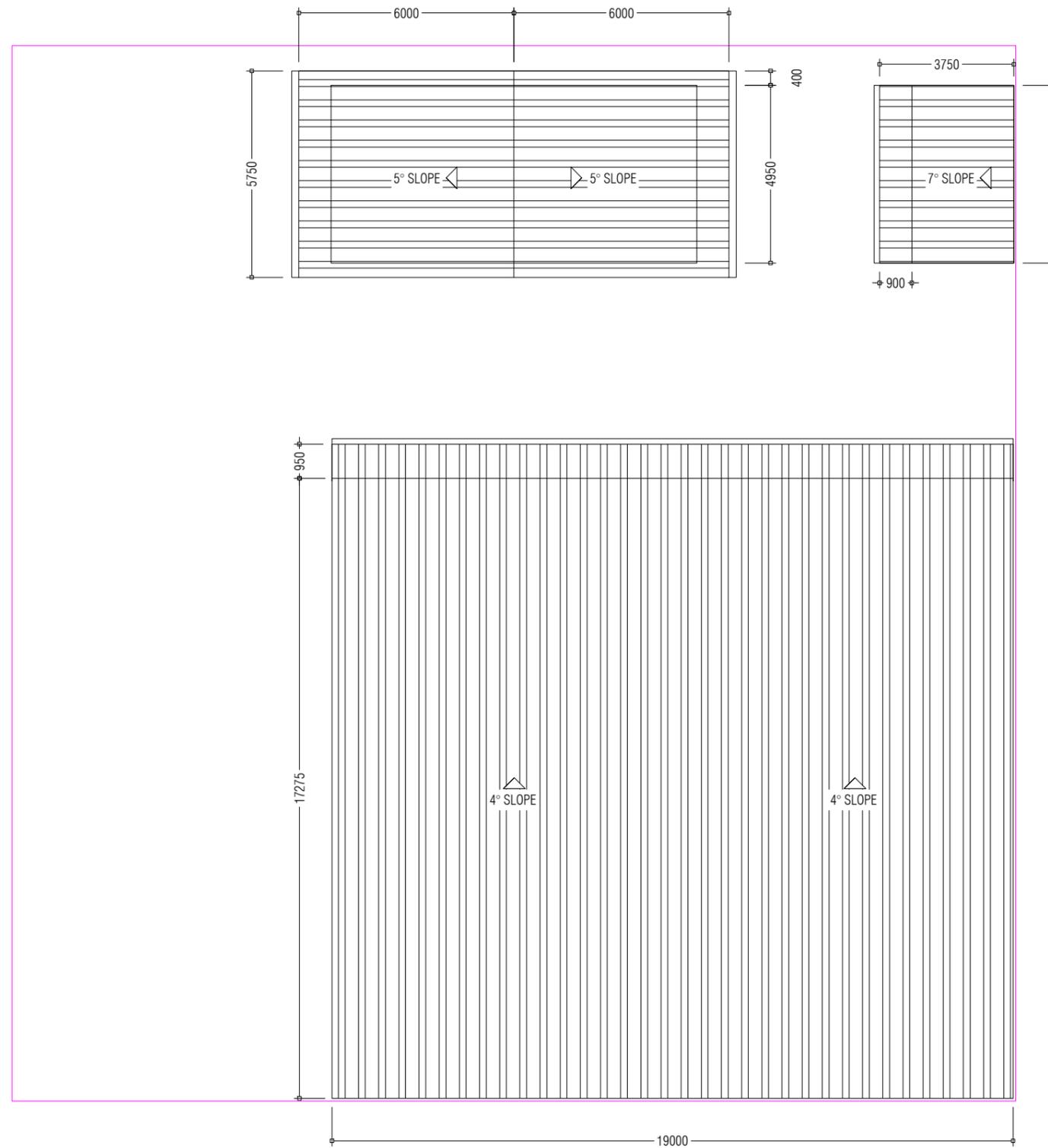
PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
<p>MCEP MINISTRY OF ENVIRONMENT GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALÉ (20392), REPUBLIC OF MALDIVES. TEL: +960-3018431, +960-3018300, FAX: +960-328301</p>	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE M. MULAH	AFRAZ	
	FOUNDATION PLAN	AFRAZ	
	CLIENT DEPARTMENT WMPC DEPARTMENT	AFRAZ	
	PAPER SIZE A3	SCALE 1:150	
	PAGE NO. 03	DWG NO. MULA-A1-03	
		DATE 15.10.2020	



NOTE:

-  75mm FLOOR SLAB
-  100mm FLOOR SLAB
-  150mm FLOOR SLAB
-  EXPANSION JOINTS

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	M. MULAH		EXPANSION JOINTS ADDED	
	TITLE	STRUCTURE BY		
	FLOOR SLAB PLAN	AFRAZ		
	CLIENT DEPARTMENT	DRAWN BY		
WMPC DEPARTMENT	AFRAZ			
PAPER SIZE A3	SCALE	NTS		
PAGE NO. 04	DWG NO.	MULA-A1-04(R)		
	DATE	23.11.2020		



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CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
M. MULAH

DESIGN BY
AFRAZ

AMENDMENTS



TITLE
ROOF PLAN

CLIENT DEPARTMENT
WMPC DEPARTMENT

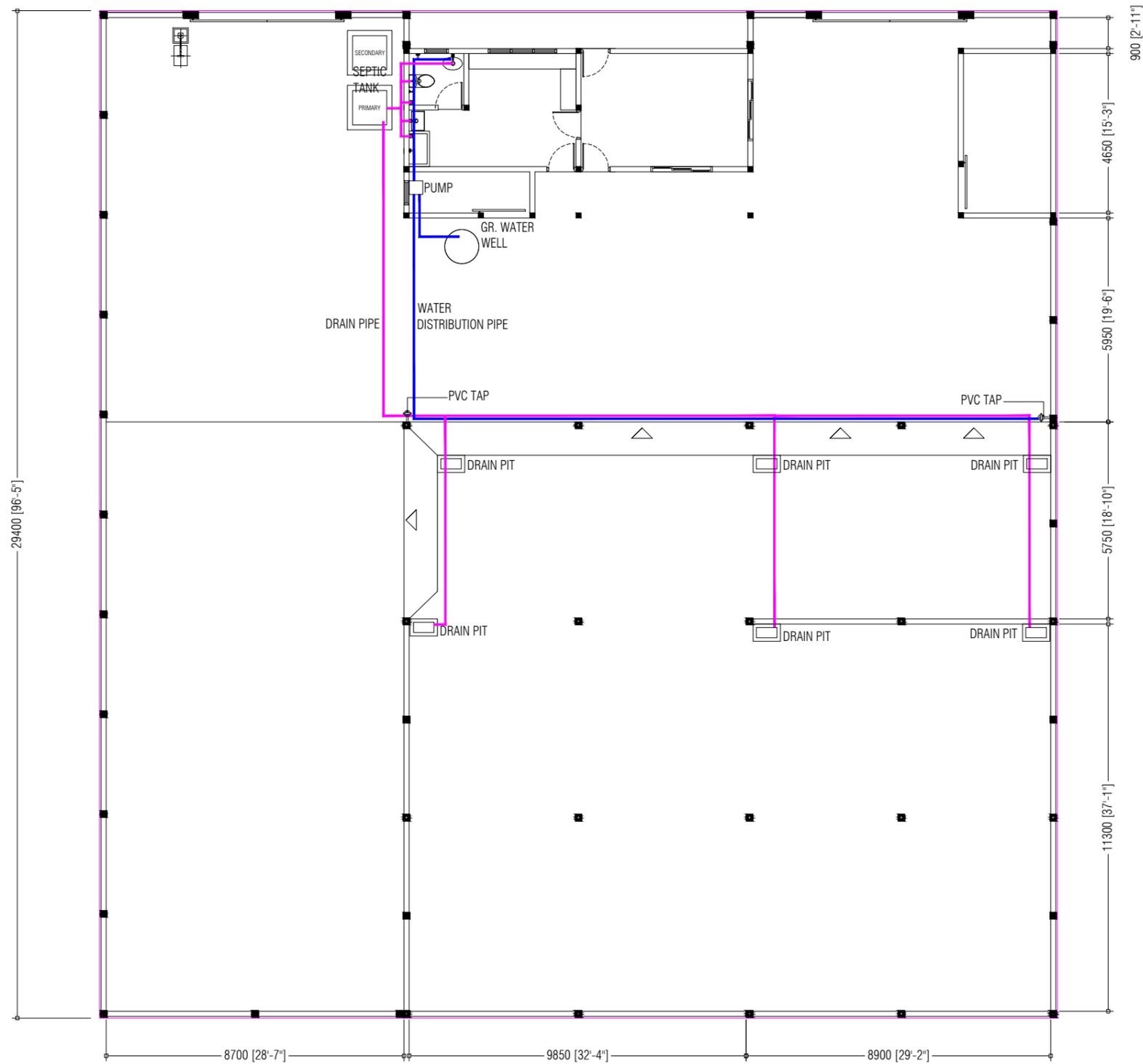
STRUCTURE BY
AFRAZ

DRAWN BY
AFRAZ

PAPER SIZE A3
PAGE NO. 05

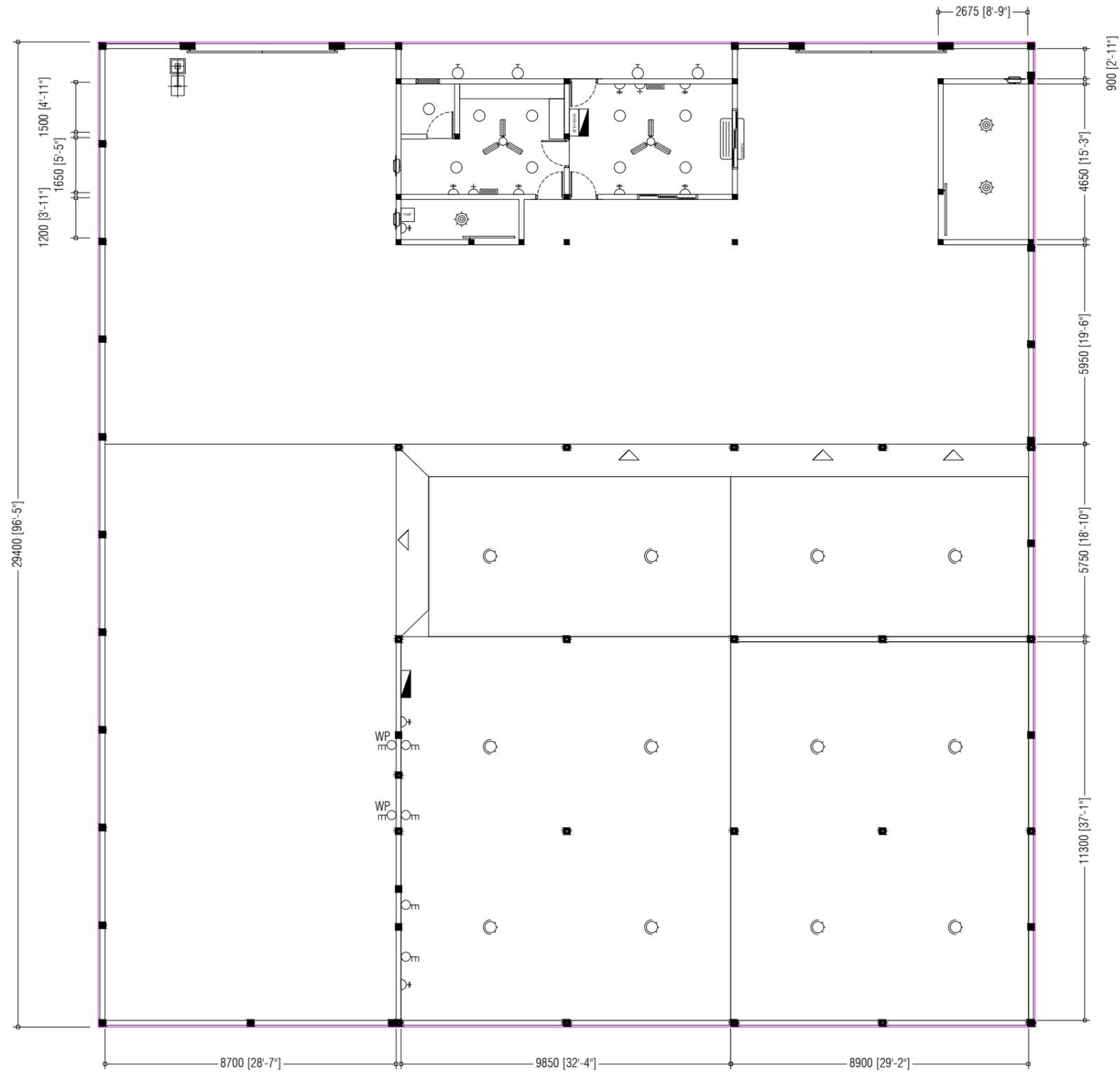
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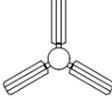
DWG NO. THIM-A1-05
DATE 15.10.2020



PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE M. MULAH	AFRAZ	
	TITLE PLUMBING PLAN	STRUCTURE BY AFRAZ	
	CLIENT DEPARTMENT WMPC DEPARTMENT	DRAWN BY AFRAZ	
PAPER SIZE	A3	SCALE	NTS
PAGE NO.	07	DWG NO.	MULA-A1-07
		DATE	15.10.2020


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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) 
- 25W 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 ISLAND WASTE MANAGEMENT CENTRE
M. MULAH

DESIGN BY
AFRAZ

AMENDMENTS

TITLE
ELECTRICAL PLAN

STRUCTURE BY
AFRAZ

CLIENT DEPARTMENT
WMPC DEPARTMENT

DRAWN BY
AFRAZ

PAPER SIZE A3

SCALE NTS

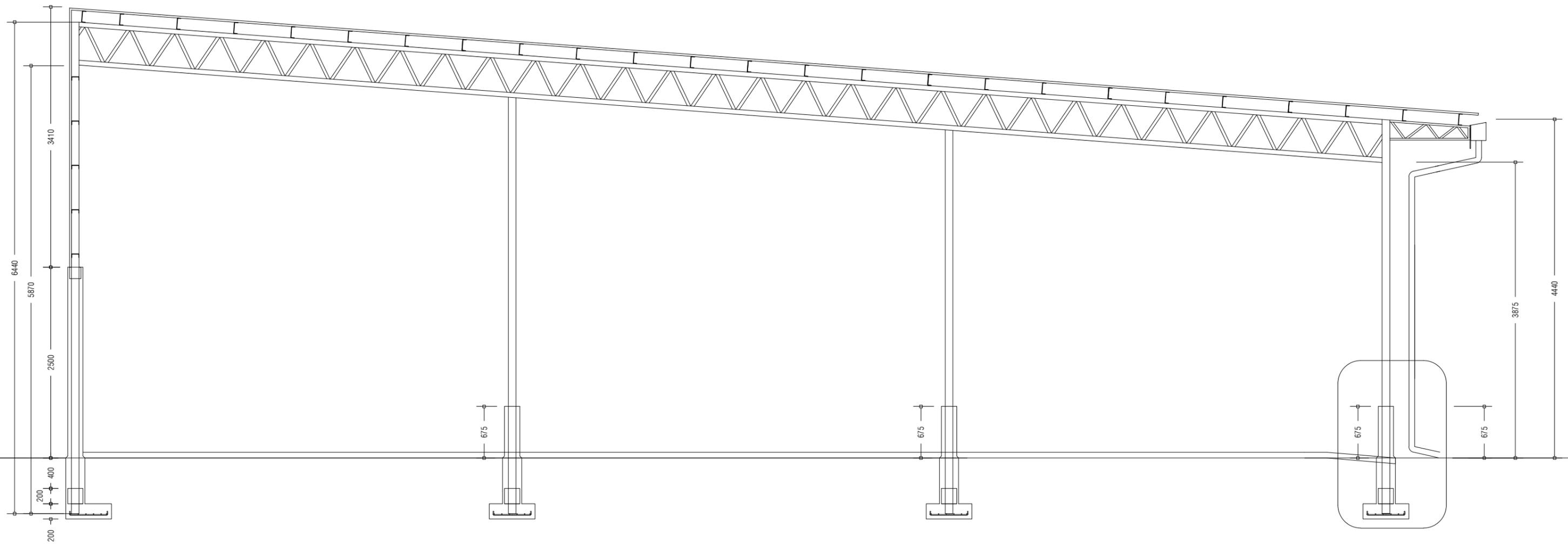
PAGE NO. 08

DWG NO. MULA-A1-08

DATE 15.10.2020



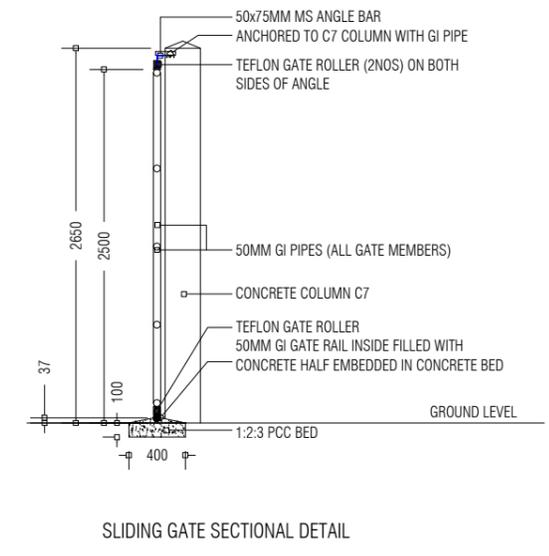
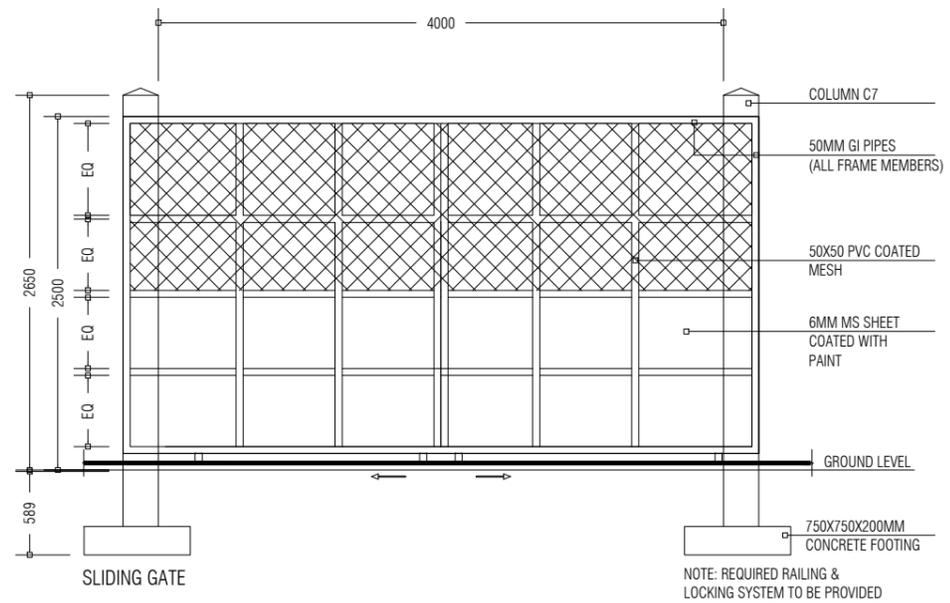
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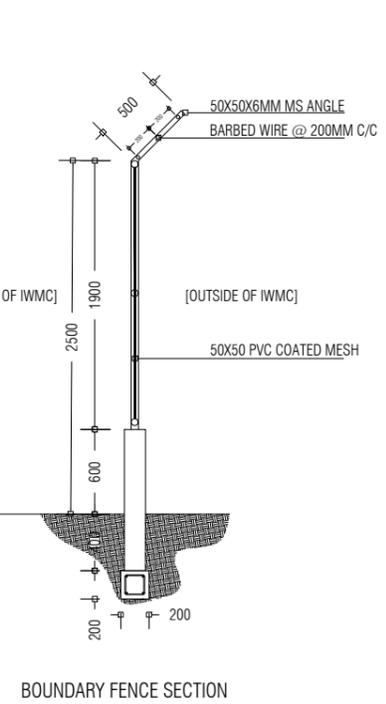
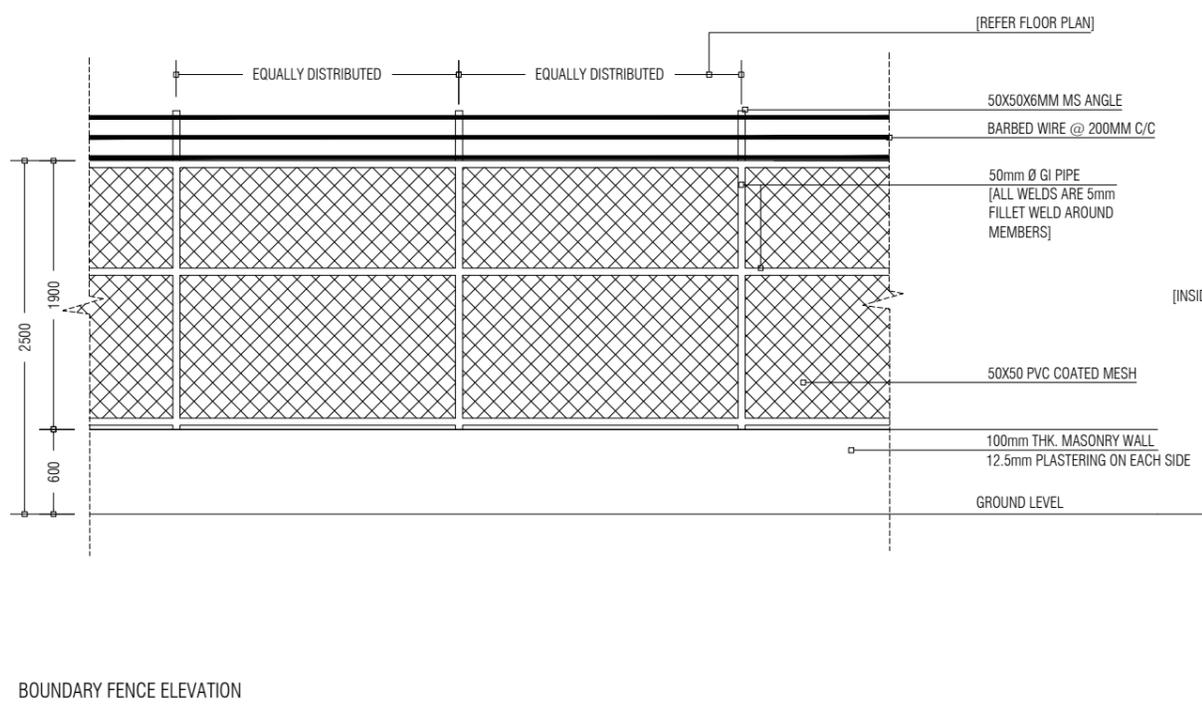
WASTE MANAGEMENT BAY SECTION

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE M. MULAH	AFRAZ	
	TITLE	STRUCTURE BY	
	ELEVATIONS AND SECTIONS	AFRAZ	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	AFRAZ	
	PAPER SIZE A3	SCALE NTS	
	PAGE NO. 10	DWG NO. MULA-A2-10	
		DATE 15.10.2020	

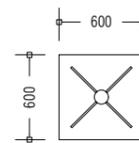
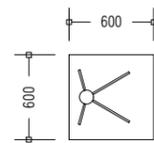
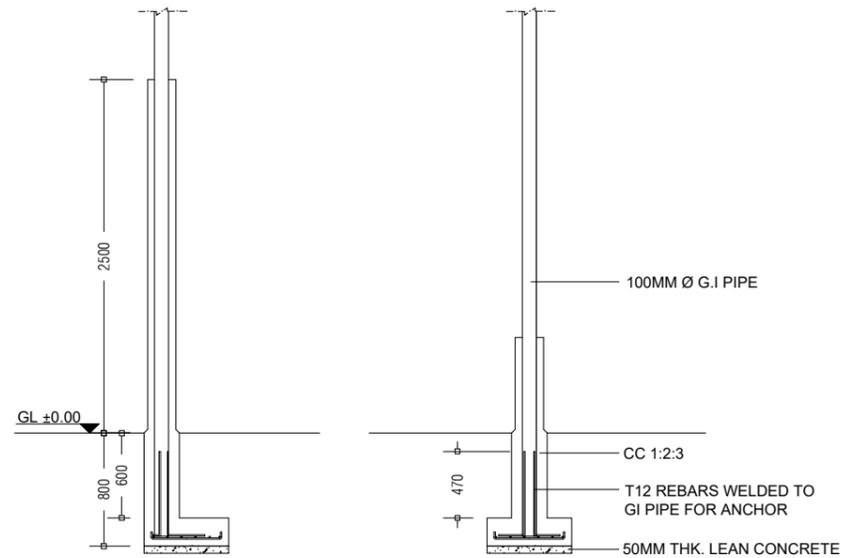




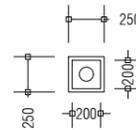
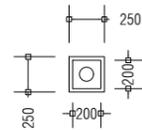
NOTE:
ALL WELDS FOR THE
GI MEMBERS ARE
5mm FILLET WELDS



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 <p>MCEP MINISTRY OF ENVIRONMENT GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALÉ (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301</p>	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE M. MULAH	AFRAZ	
	TITLE	STRUCTURE BY	
	ELEVATION AND SECTIONS: GATE DETAILS, FENCE DETAILS	AFRAZ	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	AFRAZ	
PAPER SIZE A3	SCALE	1:50	
PAGE NO. 11	DWG NO.	MULA-A2-11	
	DATE	15.10.2020	

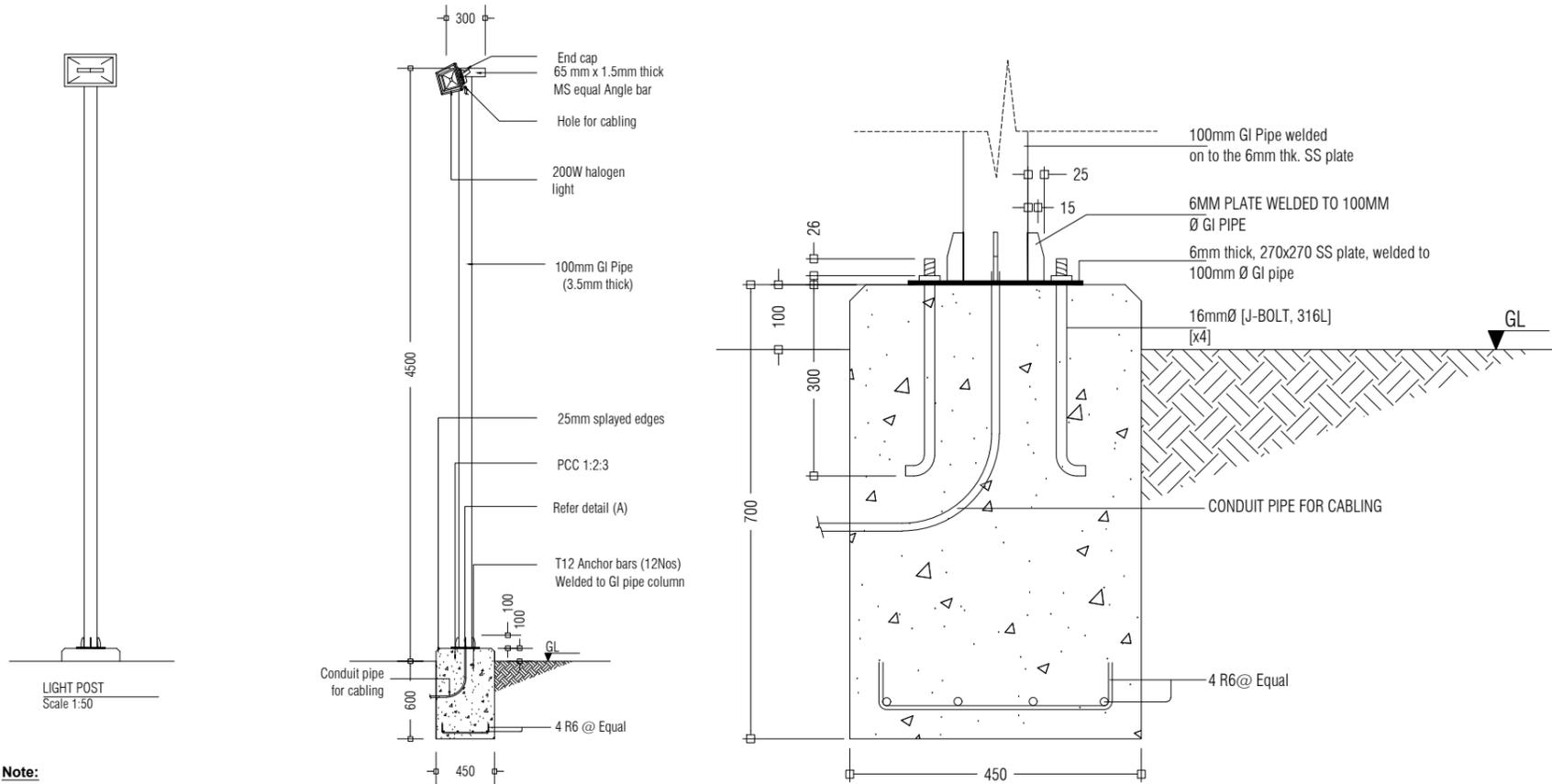


PAD	SIZE (MM)	REINFORCEMENT
F1/F3	600 x 600 x 200	T10 @ 100 c/c BW (BOTTOM)



FOOTING DETAILS 1:50

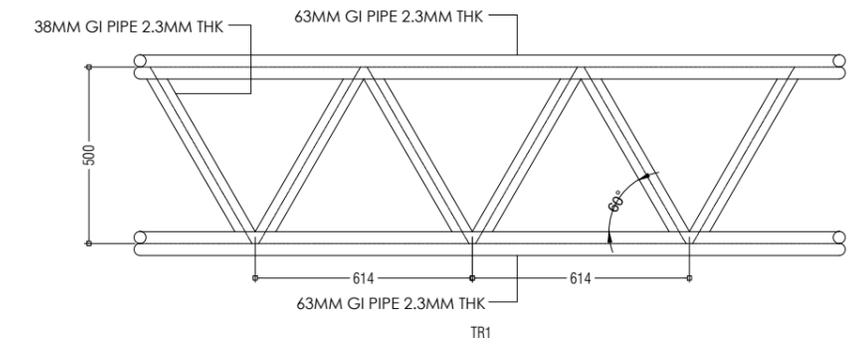
PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
 <p>MCEP MINISTRY OF ENVIRONMENT GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALÉ (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301</p>	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE M. MULAH	AFRAZ	
	TITLE FOOTING DETAILS	STRUCTURE BY AFRAZ	
	CLIENT DEPARTMENT WMPC DEPARTMENT	DRAWN BY AFRAZ	
	PAPER SIZE A3	SCALE 1:50	
	PAGE NO. 12	DWG NO. MULA-D1-12	
		DATE 15.10.2020	



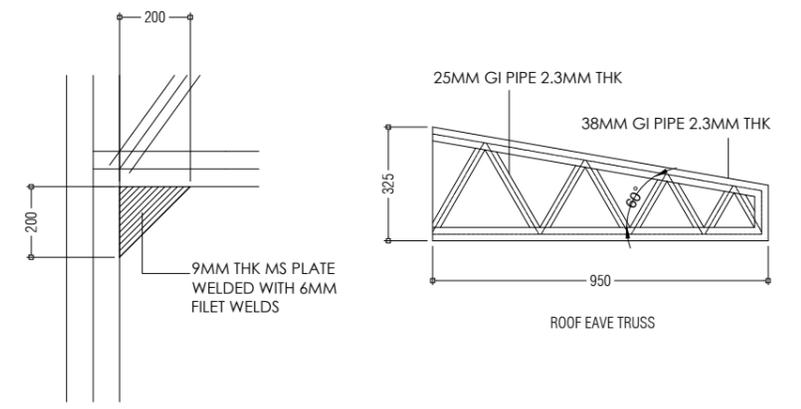
LIGHT POST DETAIL
Scale 1:50

LIGHT POST FOUNDATION FOOTING DETAIL 1:10

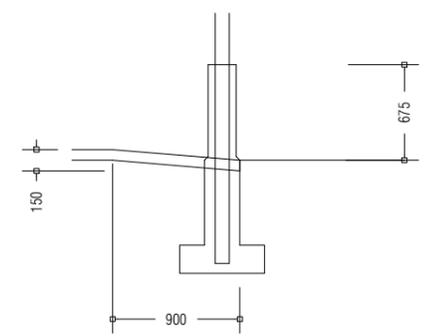
Note:
 * Concrete cover: 50mm
 * GI pipe to be painted with 1 coat of sealer & 2 coats of finishing paint.
 (Sigma or equivalent, maroon colour)



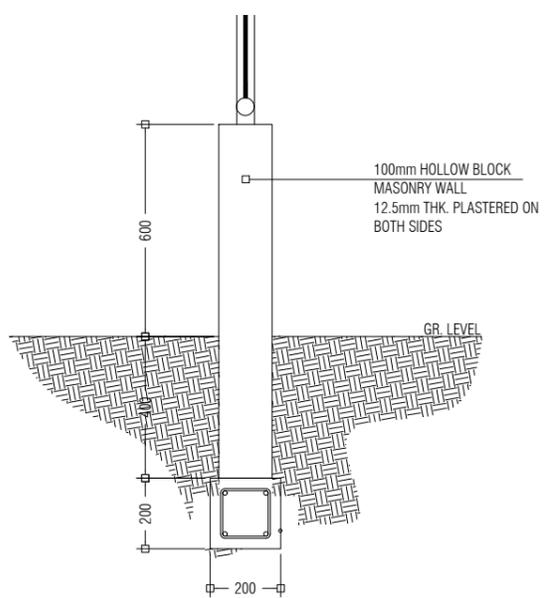
TRUSS DETAIL 1:20



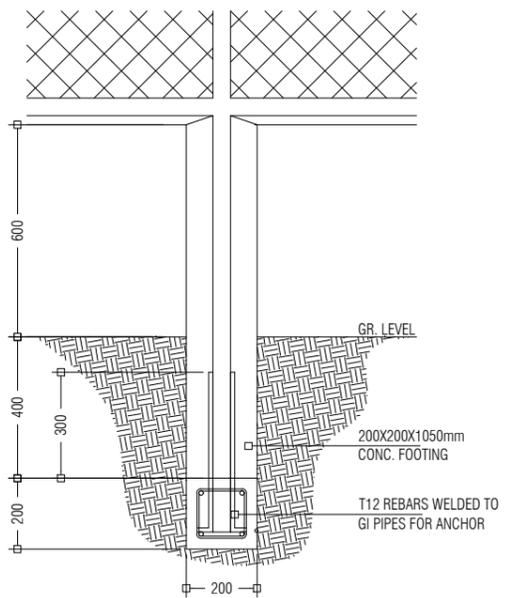
COLUMN AND TRUSS CONNECTION DETAIL 1:20



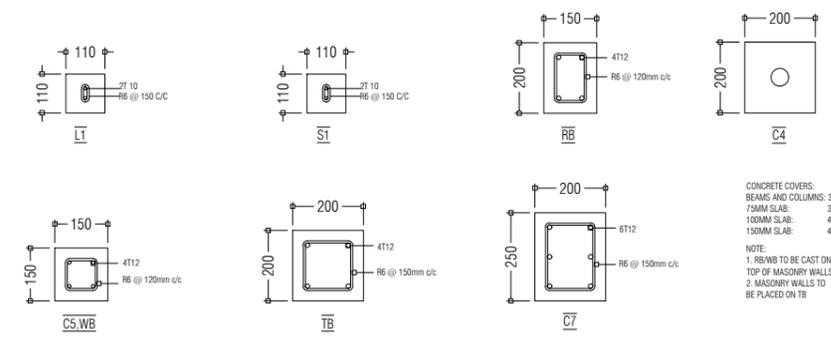
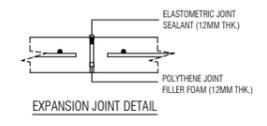
DETAIL A: RAMP DETAIL 1:50



BOUNDARY FENCE SIDE SECTIONAL DETAIL 1:20



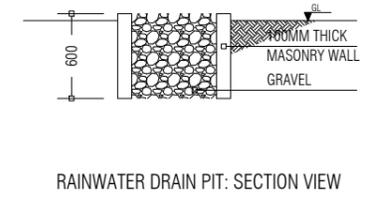
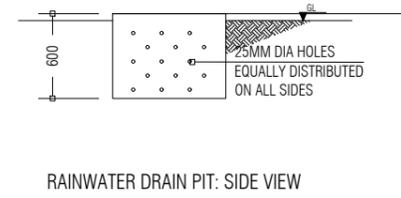
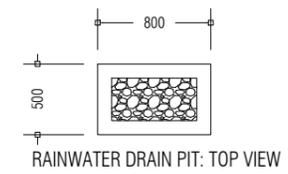
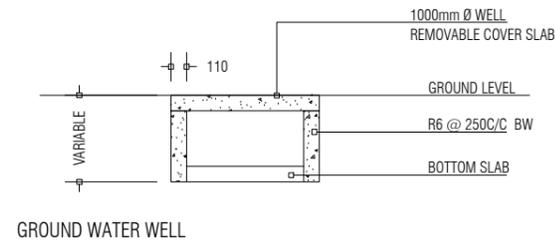
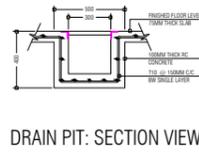
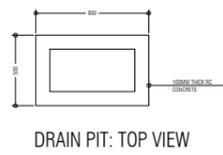
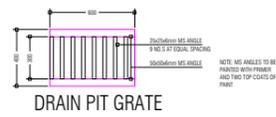
BOUNDARY FENCE FRONT SECTIONAL DETAIL 1:20



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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	M.MULAH		ROOF EAVE TRUSS DETAILS ADDED
TITLE	STRUCTURAL DETAILS	STRUCTURE BY	
CLIENT DEPARTMENT	WMPC DEPARTMENT	DRAWN BY	
PAPER SIZE	A3	SCALE	1:50, 1:20, 1:10
PAGE NO.	13	DWG NO.	MULA-D1-13(R)
		DATE	23.11.2020

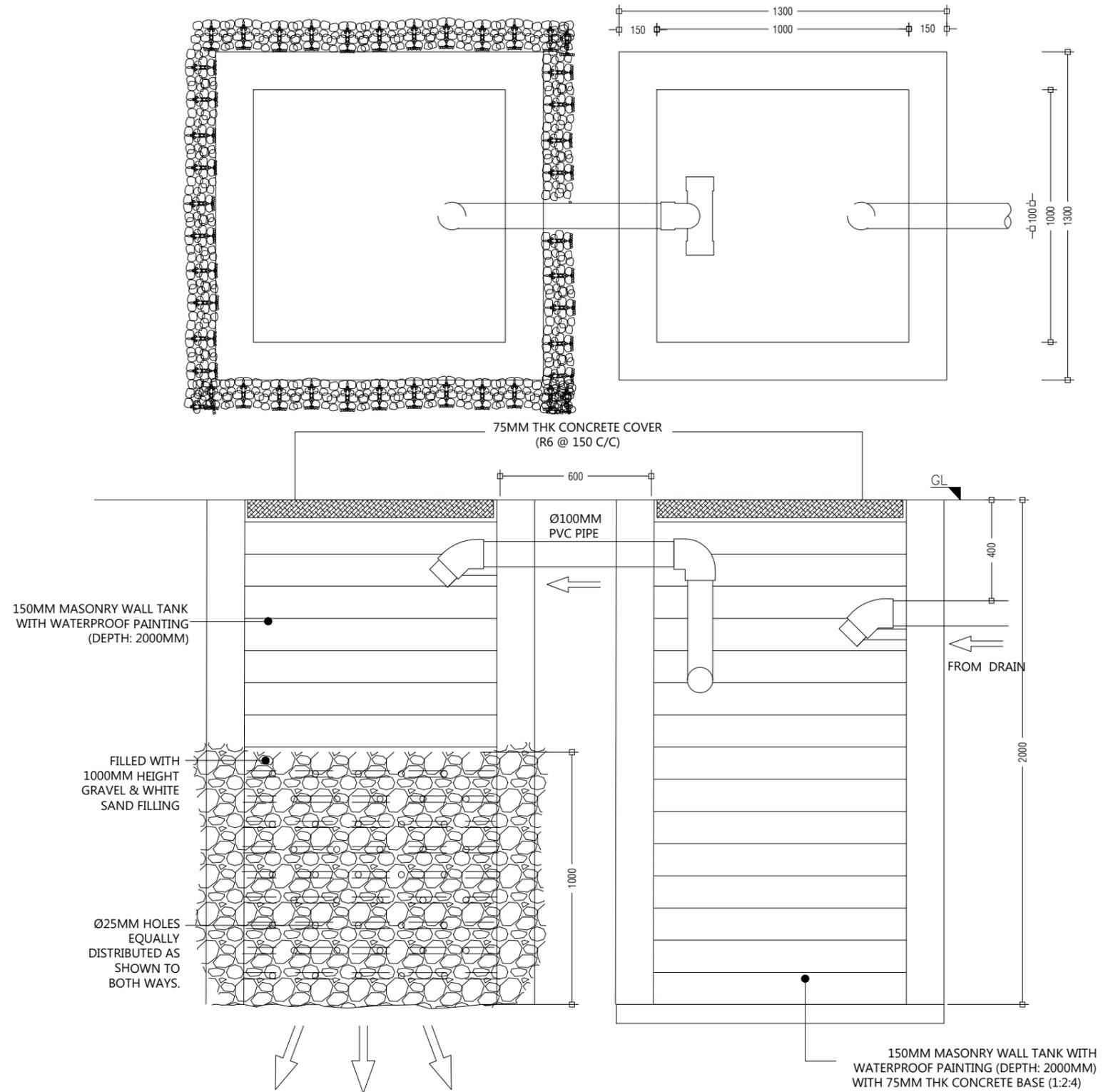


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PROJECT	DESIGN BY	AMENDMENTS
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE M. MULAH	AFRAZ	
TITLE	STRUCTURE BY	
GROUND WATER WELL, RAINWATER DRAIN PIT AND WASTE MANAGEMENT BUILDING DRAIN PIT DETAILS	AFRAZ	
CLIENT DEPARTMENT	DRAWN BY	
WMPC DEPARTMENT	AFRAZ	
PAPER SIZE A3	SCALE 1:50	
PAGE NO. 14	DWG NO. MULA-D1-14	
	DATE 15.10.2020	



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AMENDMENTS

CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
M. MULAH

AFRAZ

TITLE

STRUCTURE BY

SEPTIC TANK DETAILS

AFRAZ

CLIENT DEPARTMENT

DRAWN BY

WMPC DEPARTMENT

AFRAZ

PAPER SIZE A3

SCALE

1:50

PAGE NO. 15

DWG NO.

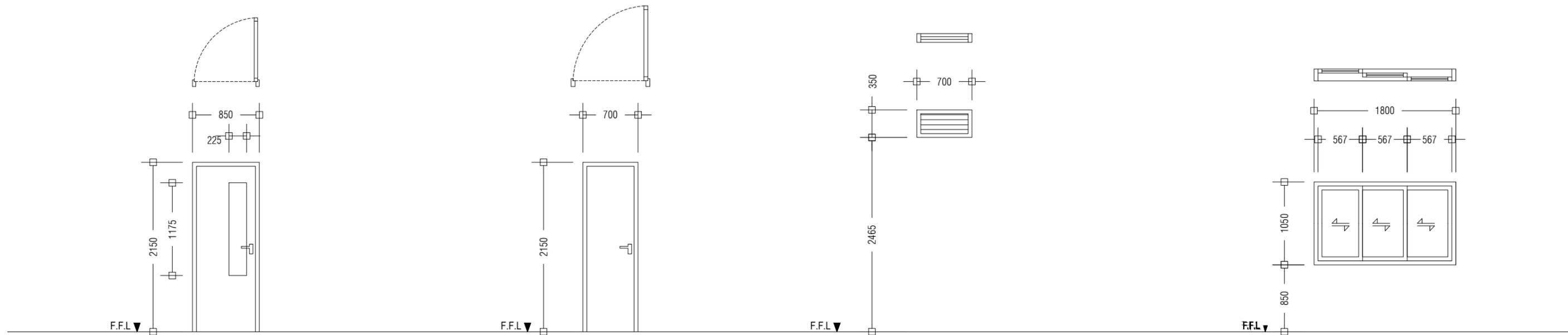
MULA-D1-15

DATE

15.10.2020



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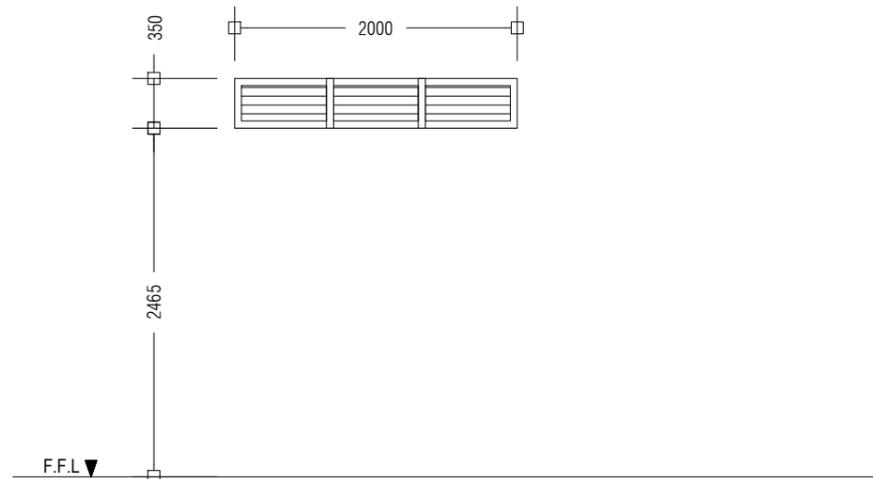


D2	SWING TYPE DOOR
REMARKS	ALUMINUM DOOR WITH CLEAR GLASS PANEL 01 DOOR KNOB WITH LOCK SET 04 HINGES DOOR STOPPER, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 04
OPEN AREA	1.83 m ²

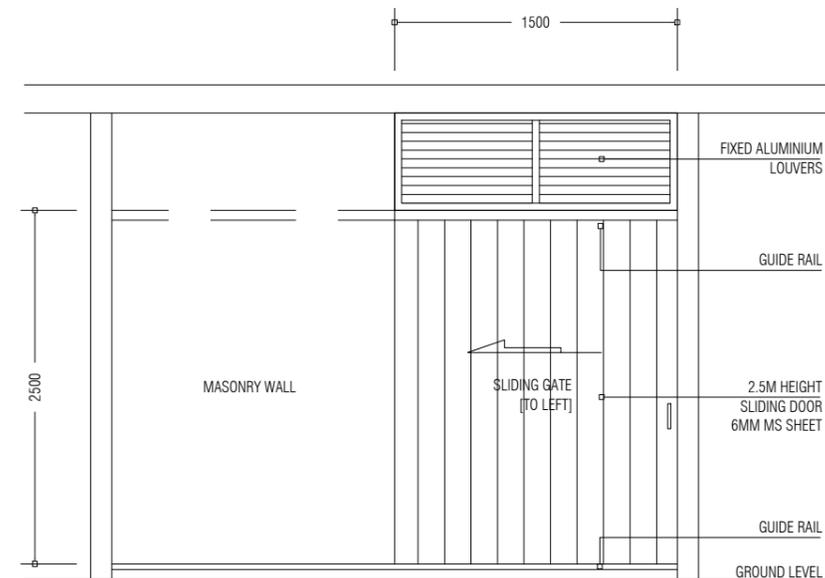
D3	SWING TYPE DOOR
REMARKS	ALUMINIUM DOOR WITH DOOR KNOB AND 1 LOCK SET 04 HINGES
LOCATION	GROUND FLOOR
QUANTITY	NO.S 01
OPEN AREA	1.51m ²

W1	ALUNINIUM LOUVER WINDOW
REMARKS	ALUMINUM 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	ALUMINUM FRAMED, TINTED BLACK GLASS, FINISHED WITH WHITE POWDER COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 02
OPEN AREA	1.89 m ²

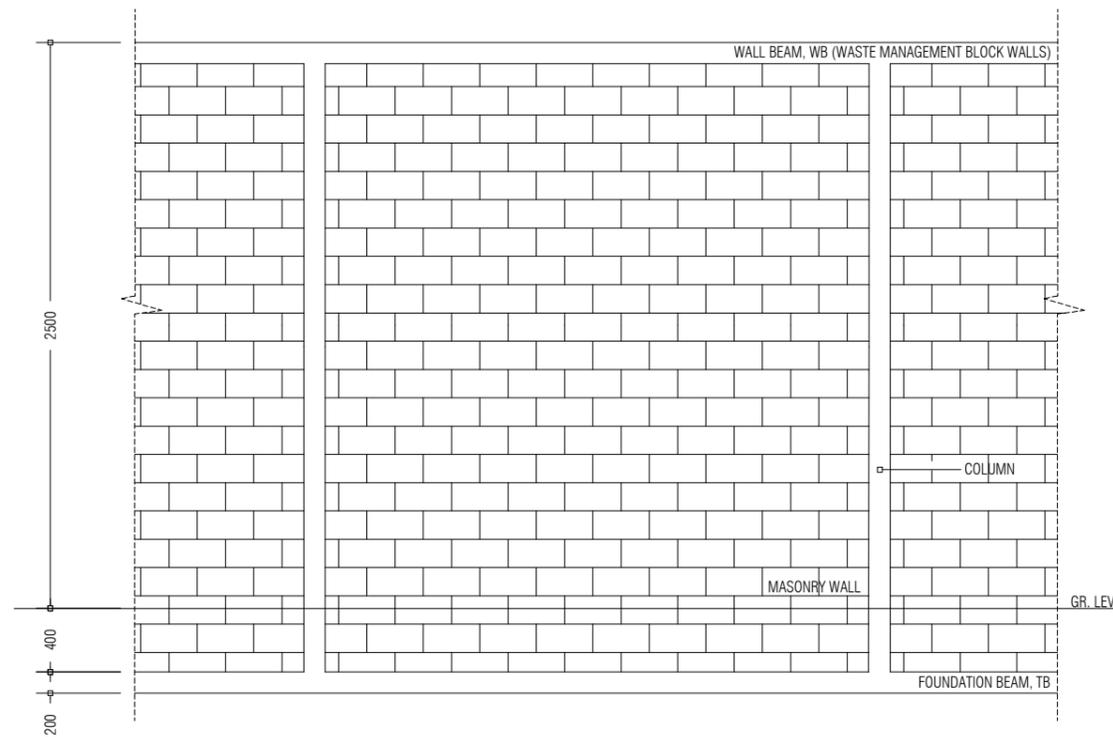


W3	ALUNINIUM LOUVER WINDOW
REMARKS	ALUMINUM FRAMED, ALUMINIUM LOUVERED, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 1
OPEN AREA	0.75 m ²

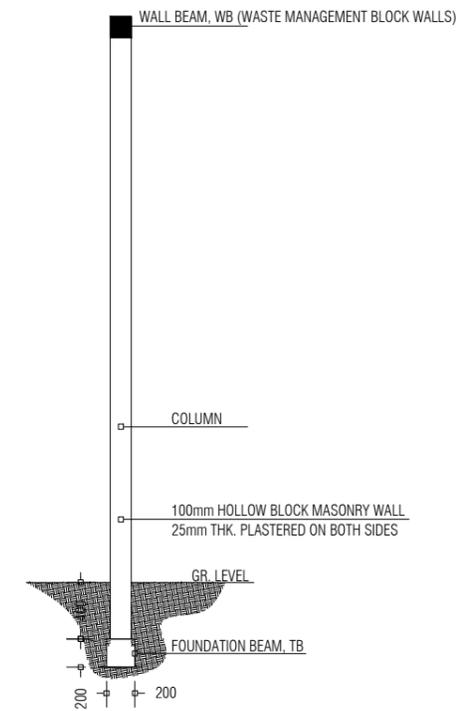


HAZADIOUS WASTE / STORE SD1

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	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE M. MULAH	AFRAZ	
	TITLE	STRUCTURE BY	
	DOOR AND WINDOW SCHEDULE	AFRAZ	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	AFRAZ	
PAPER SIZE	A3	SCALE	1:50
PAGE NO.	16	DWG NO.	MULA-A2-16
		DATE	15.10.2020



ELEVATION



SECTION

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE M. MULAH	AFRAZ	
	TITLE ELEVATION AND SECTIONS: 2.5M HIGH MASONRY WALLS DETAILS	STRUCTURE BY AFRAZ	
	CLIENT DEPARTMENT WMPC DEPARTMENT	DRAWN BY AFRAZ	
PAPER SIZE	A3	SCALE	1:50
PAGE NO.	17	DWG NO.	MULA-A2-17
		DATE	15.10.2020