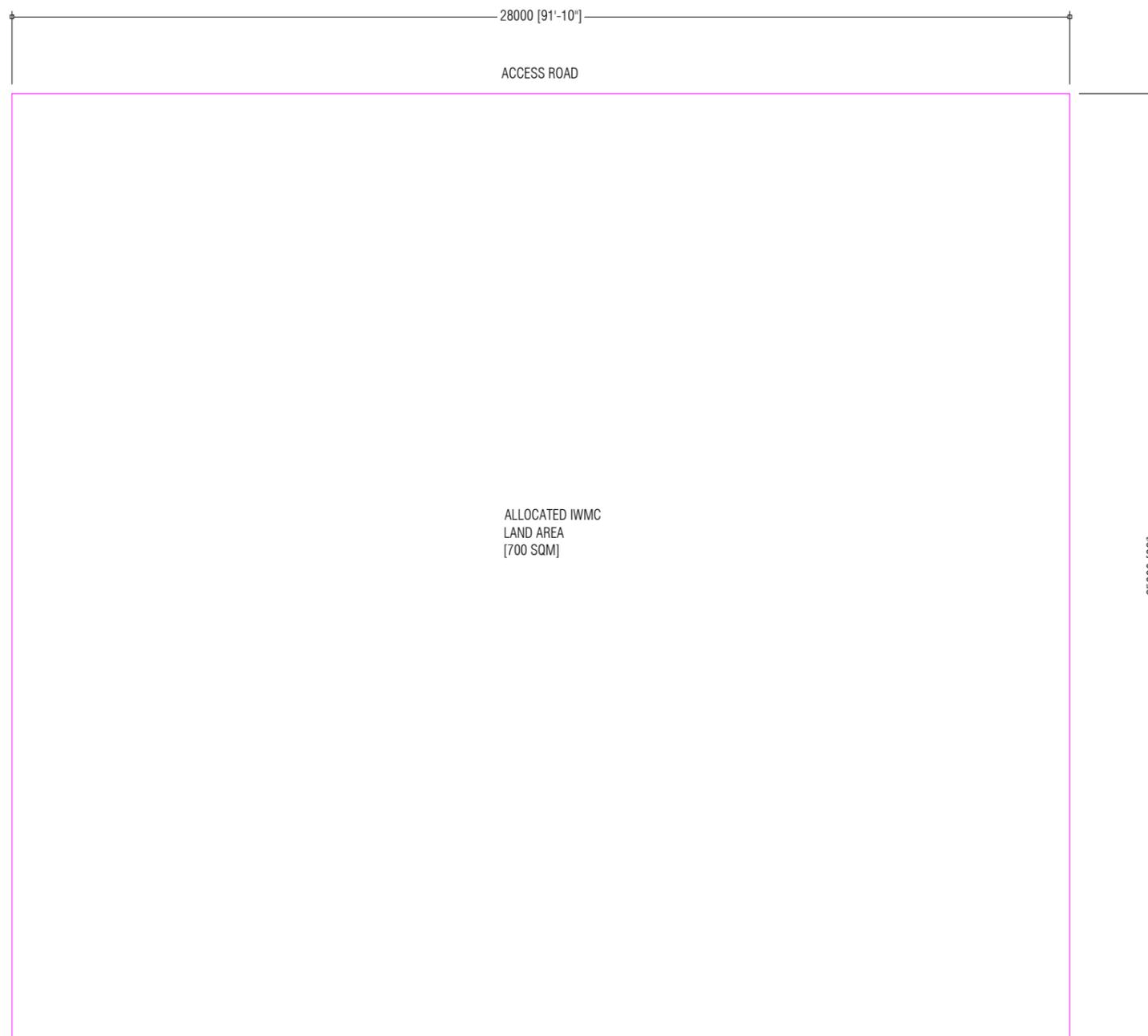


CONSTRUCTION OF TH.OMADHOO ISLAND WASTE MANAGEMENT CENTRE



PREPARED BY:
MALDIVES CLEAN ENVIRONMENT PROJECT
MINISTRY OF ENVIRONMENT

NOVEMBER 2020



PREPARED BY

PROJECT

DESIGN BY

AMENDMENTS

CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.OMADHOO

AFRAZ

TITLE
LOCATION PLAN

STRUCTURE BY
AFRAZ

CLIENT DEPARTMENT
WMPC DEPARTMENT

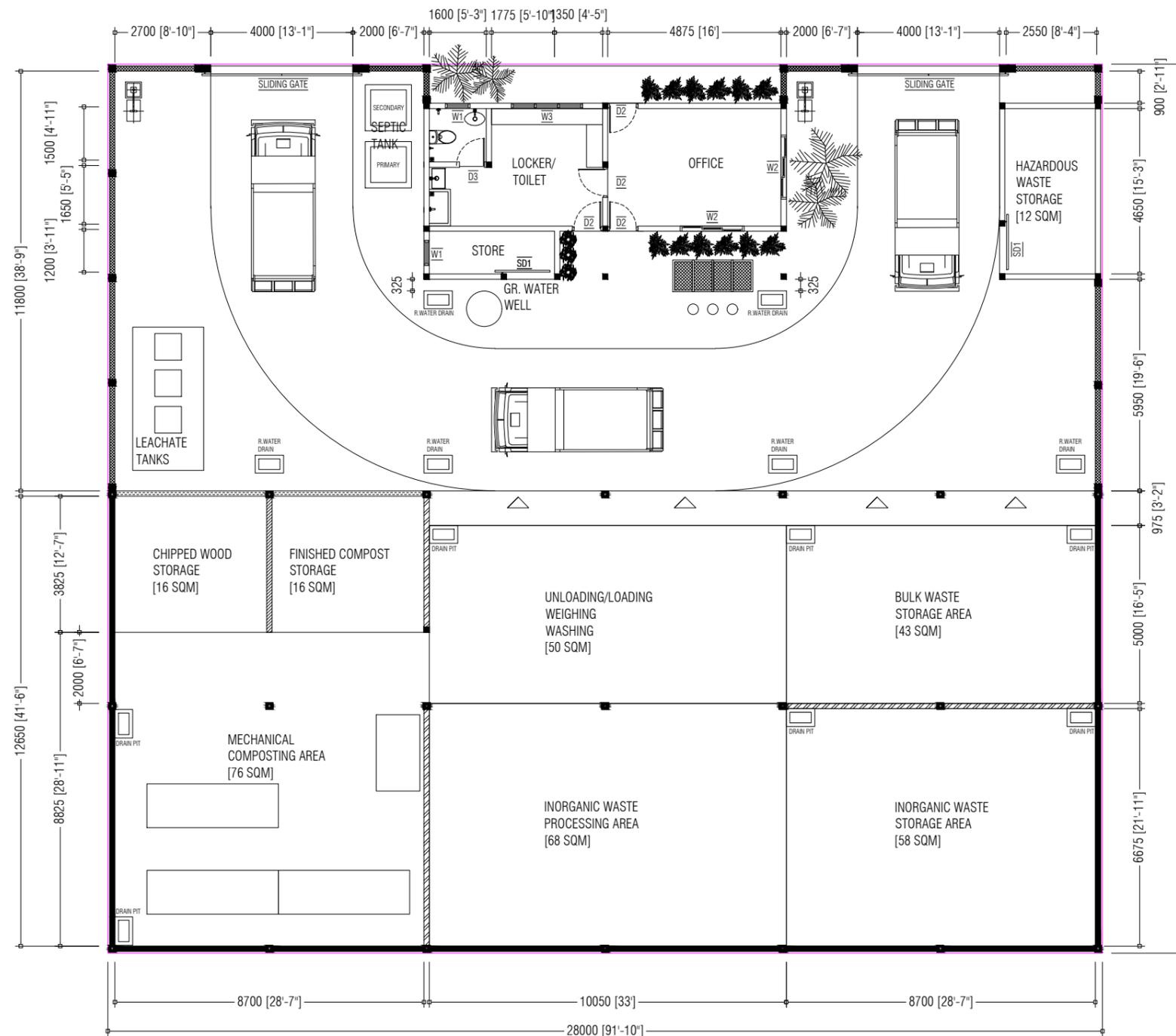
DRAWN BY
AFRAZ

PAPER SIZE A3
PAGE NO. 01

SCALE 1:150
DWG NO. OMAD-A1-01
DATE 22.10.2020



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MAAFANNU, MALE (20392), REPUBLIC OF MALDIVES.
TEL: +960-3018431, +960-3018300, FAX: +960-328301



NOTE:

- 2500mm HEIGHT WALL
- 1500mm HEIGHT WALL
- OFFICE / HAZARDOUS WASTE BUILDING WALLS
- 2500mm HEIGHT MASONRY WALL + CLADDING ON TOP
- 2500mm HEIGHT MASONRY WALL + LOUVERS ON TOP
- BOUNDARY FENCE

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TH.OMADHOO

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TITLE
FLOOR PLAN
CLIENT DEPARTMENT
WMPC DEPARTMENT

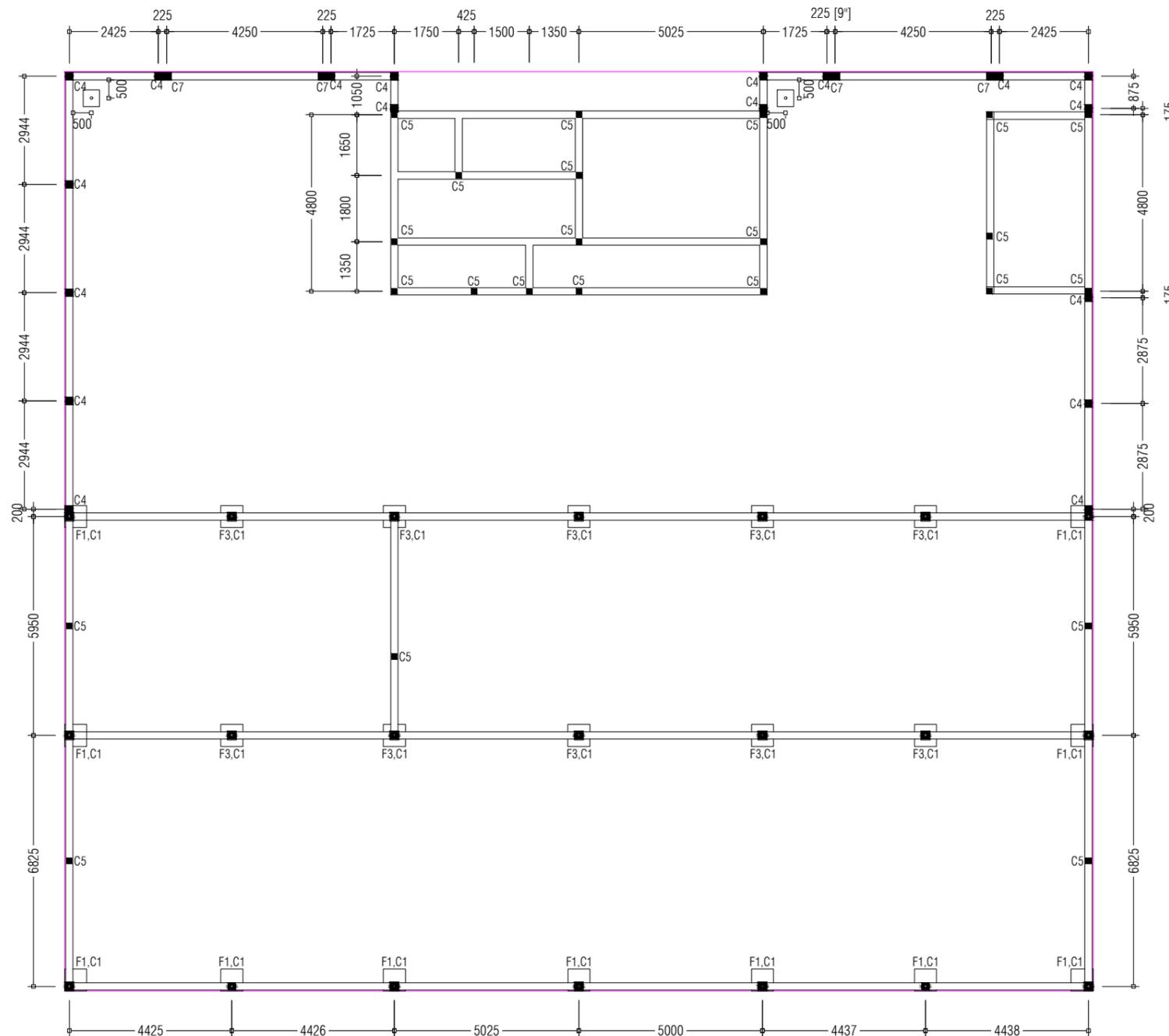
STRUCTURE BY
AFRAZ
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PAPER SIZE A3
PAGE NO. 02

SCALE 1:150
DWG NO. OMAD-A1-02
DATE 22.10.2020



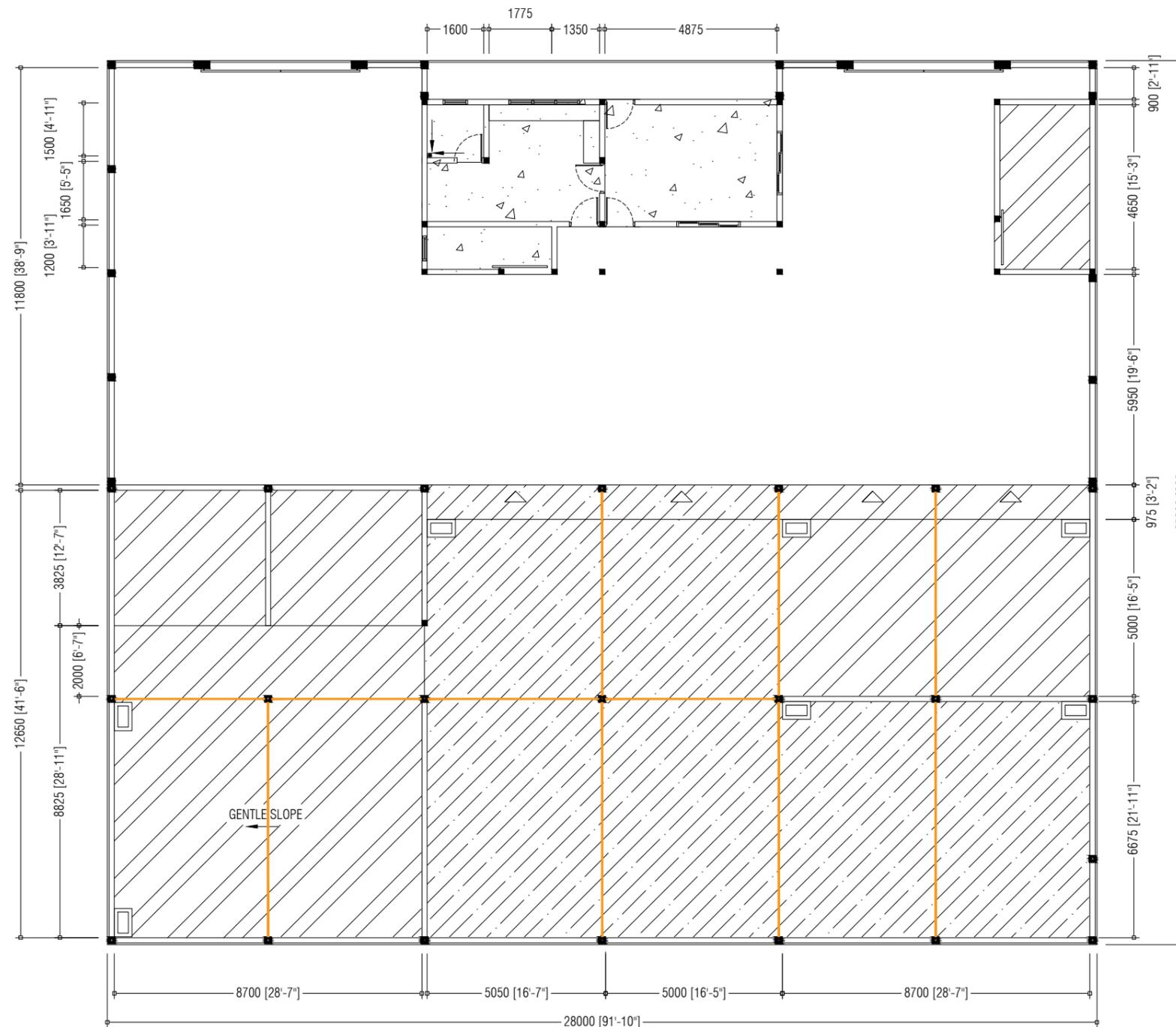
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NOTE:

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

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	FOUNDATION PLAN	AFRAZ	
	CLIENT DEPARTMENT WMPC DEPARTMENT	AFRAZ	
	PAPER SIZE A3	SCALE 1:150	
	PAGE NO. 03	DWG NO. OMAD-A1-03	
		DATE 22.10.2020	



NOTE:

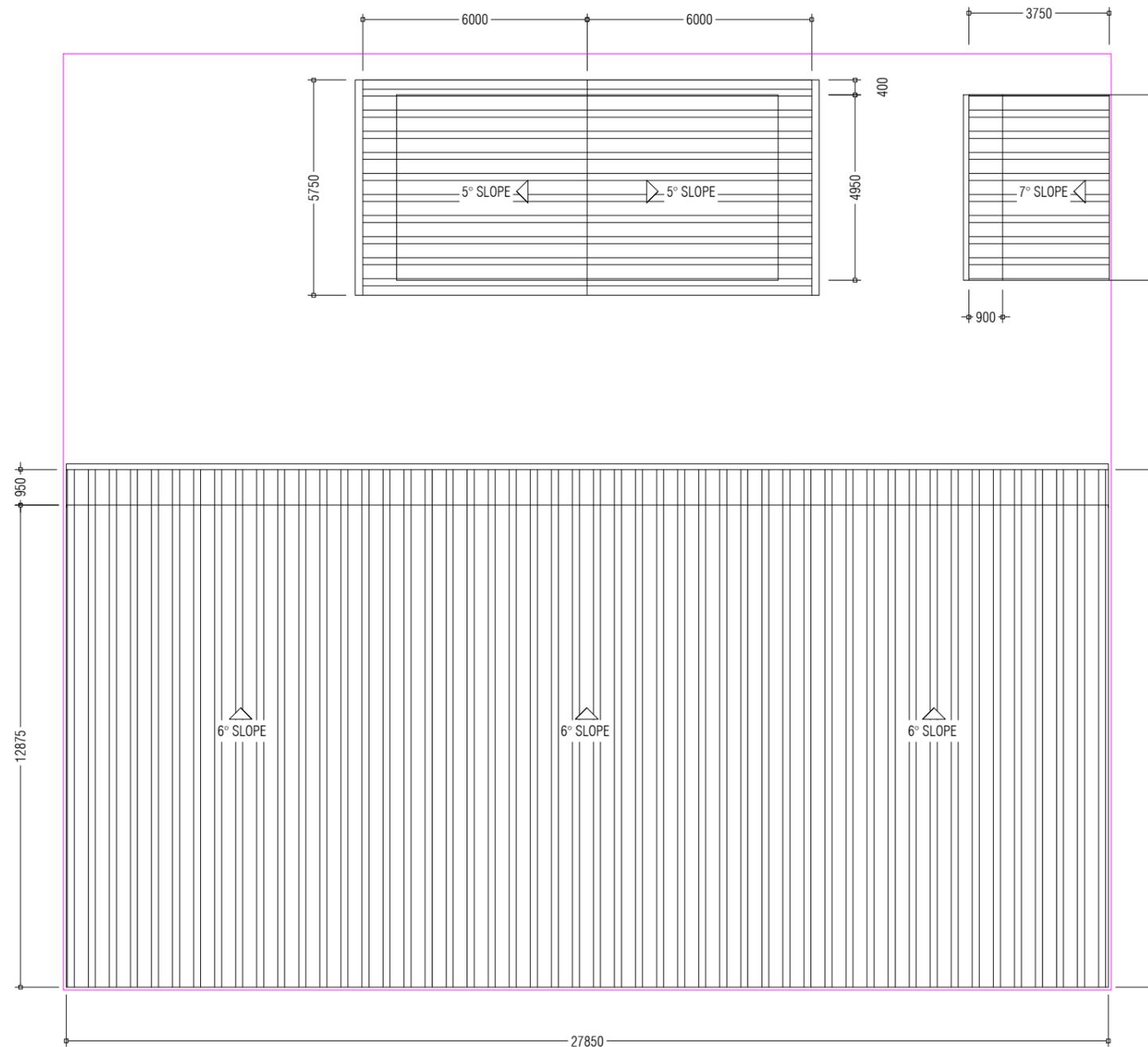
-  75mm FLOOR SLAB
-  100mm FLOOR SLAB
-  150mm FLOOR SLAB
-  EXPANSION JOINTS

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CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.OMADHOO	AFRAZ	SLAB THICKNESS REVISED 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. OMAD-A1-04(R)	
	DATE 23.11.2020	



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TH.OMADHOO

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AFRAZ

AMENDMENTS

TITLE
ROOF PLAN
CLIENT DEPARTMENT
WMPC DEPARTMENT

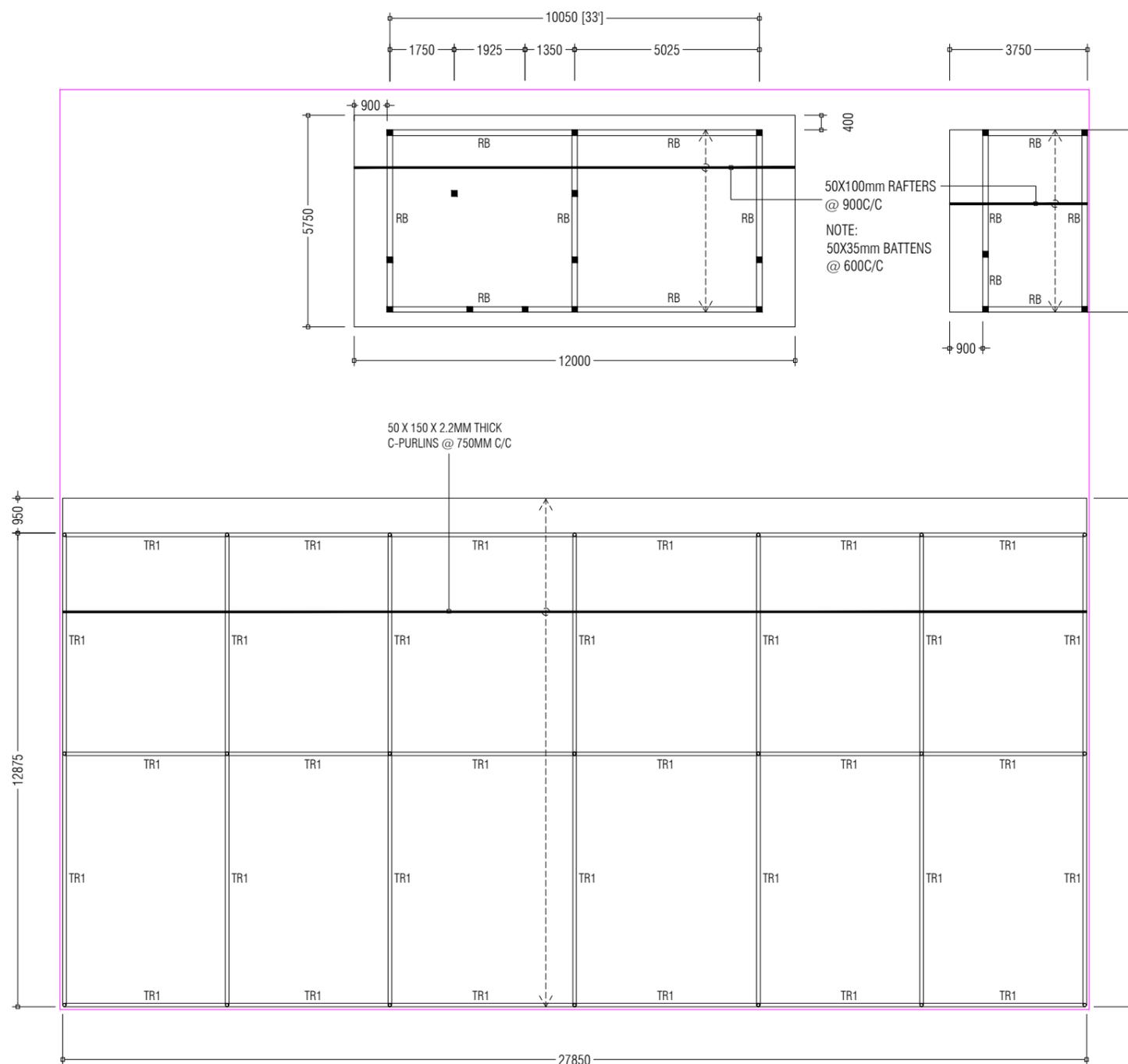
STRUCTURE BY
AFRAZ
DRAWN BY
AFRAZ

PAPER SIZE A3
PAGE NO. 05

SCALE NTS
DWG NO. OMAD-A1-05
DATE 22.10.2020



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AMENDMENTS

TITLE
ROOF STRUCTURE PLAN

CLIENT DEPARTMENT
WMPC DEPARTMENT

STRUCTURE BY
AFRAZ

DRAWN BY
AFRAZ

PAPER SIZE A3

PAGE NO. 06

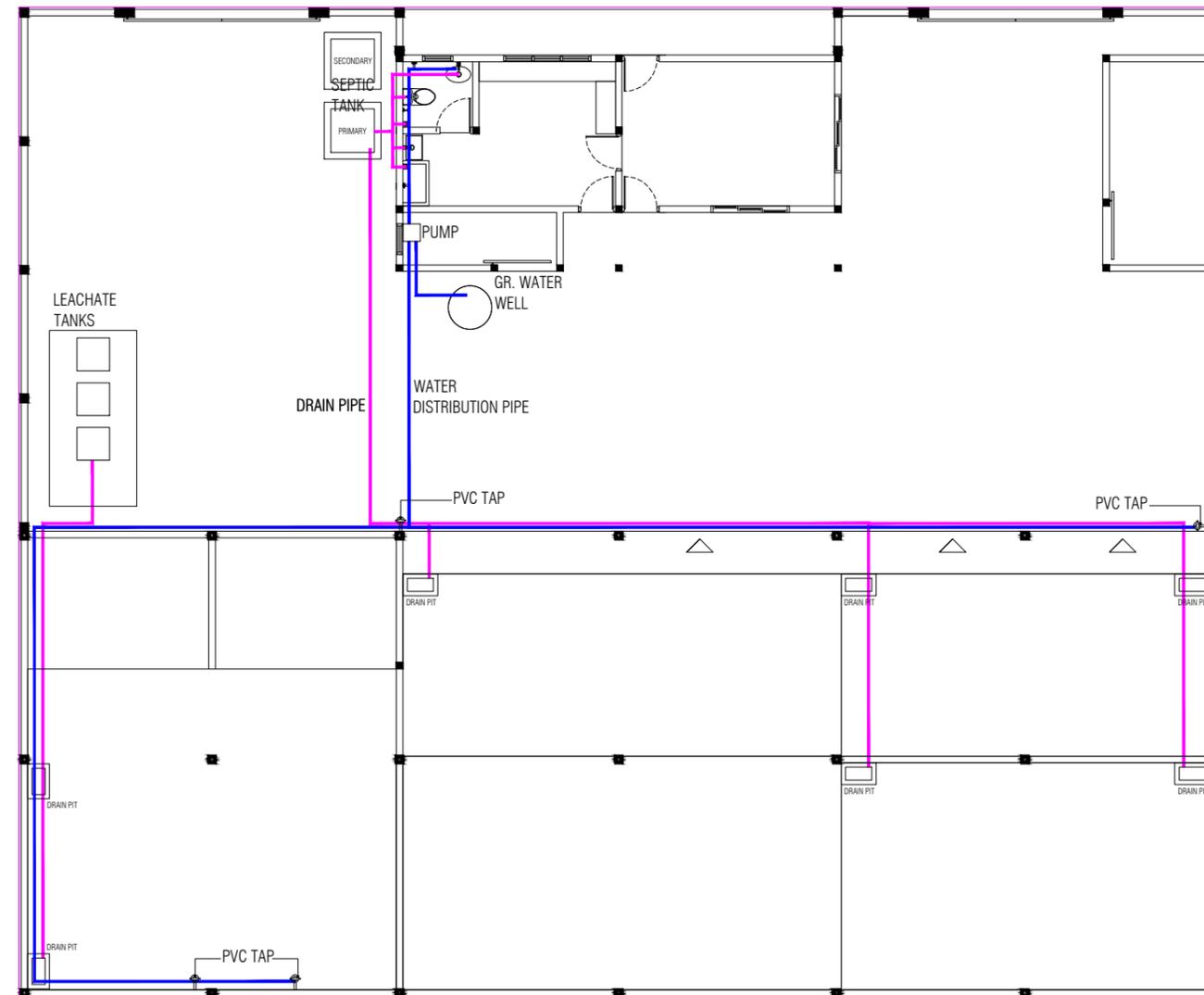
SCALE NTS

DWG NO. OMAD-A1-06

DATE 22.10.2020



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DESIGN BY
AFRAZ

AMENDMENTS

TITLE
PLUMBING PLAN

STRUCTURE BY
AFRAZ

CLIENT DEPARTMENT
WMPC DEPARTMENT

DRAWN BY
AFRAZ

PAPER SIZE A3

SCALE NTS

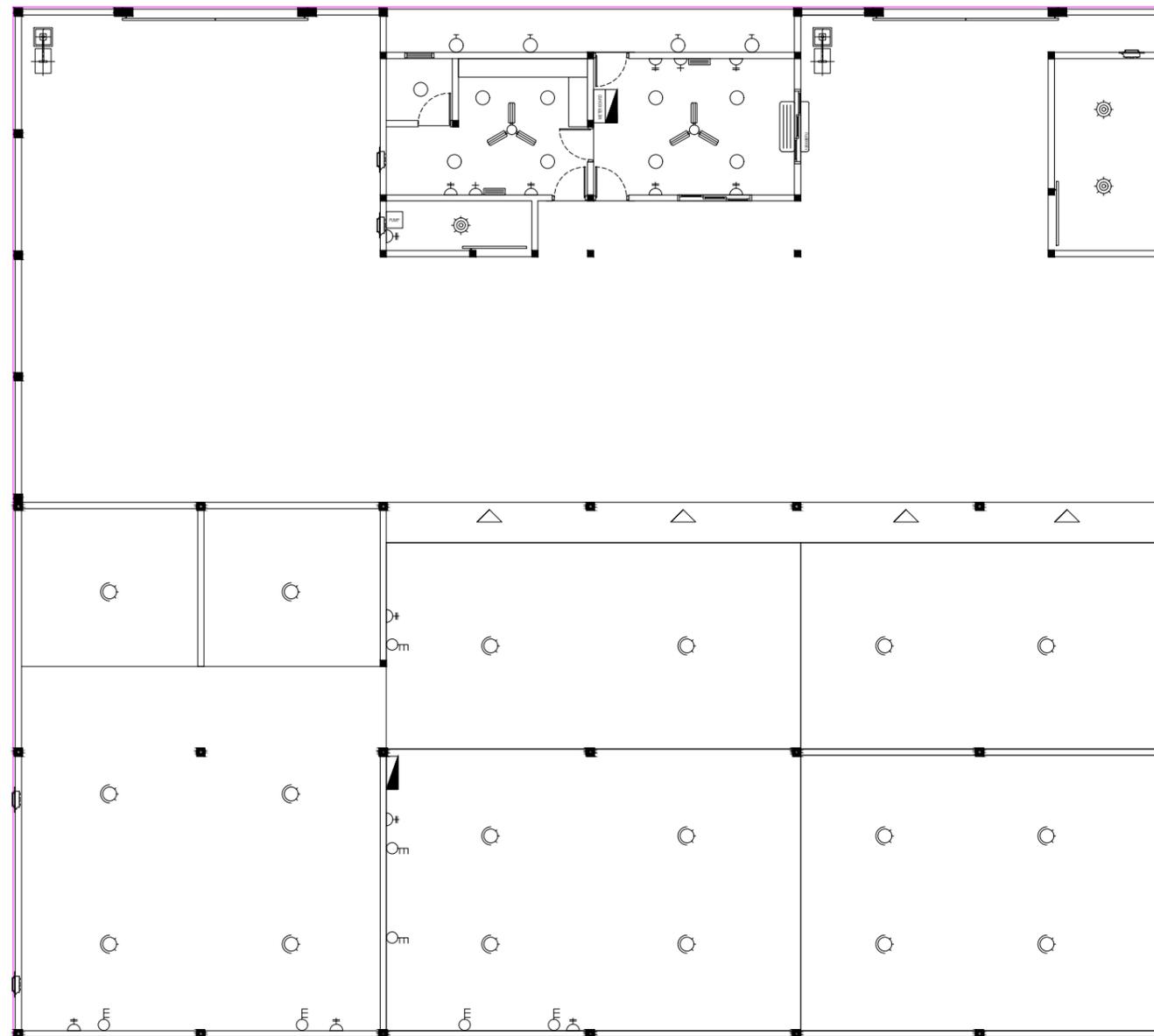
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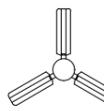
DWG NO. OMAD-A1-07

DATE 22.10.2020



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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) 
- 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] 

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TH.OMADHOO

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AFRAZ

AMENDMENTS

TITLE
ELECTRICAL PLAN

CLIENT DEPARTMENT
WMPC DEPARTMENT

STRUCTURE BY
AFRAZ

DRAWN BY
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PAPER SIZE A3

PAGE NO. 08

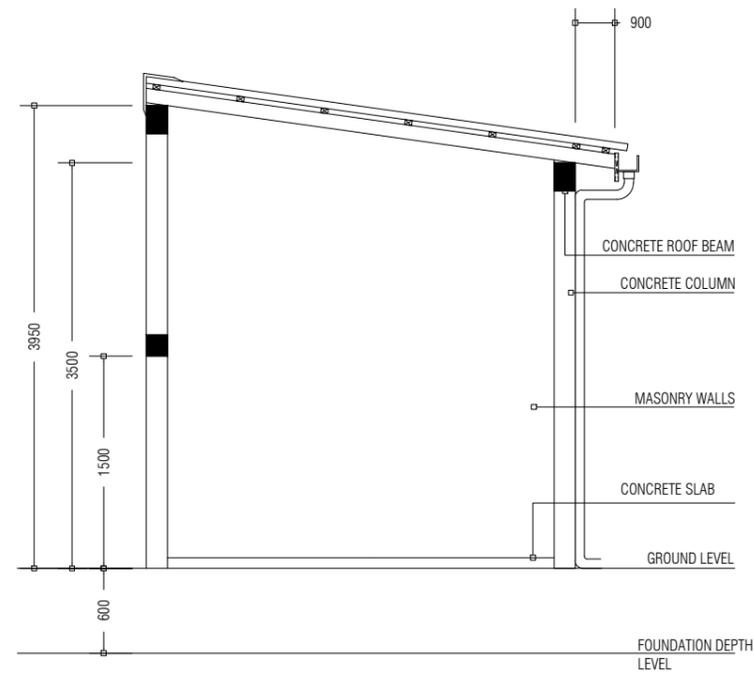
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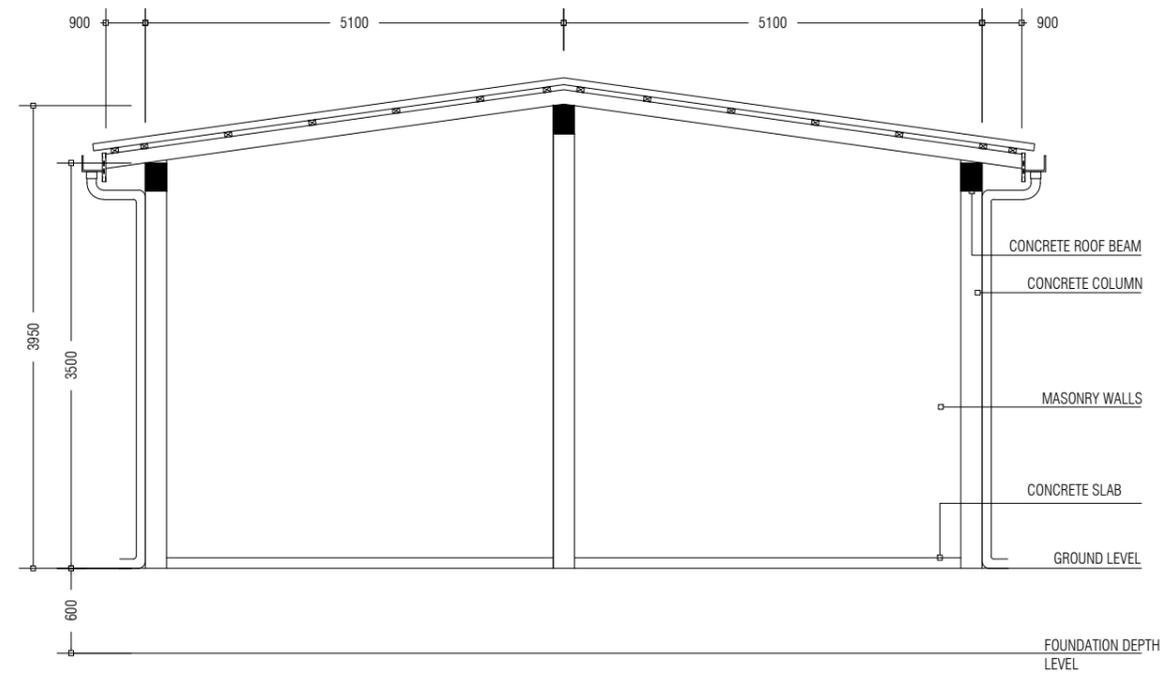
DATE 22.10.2020



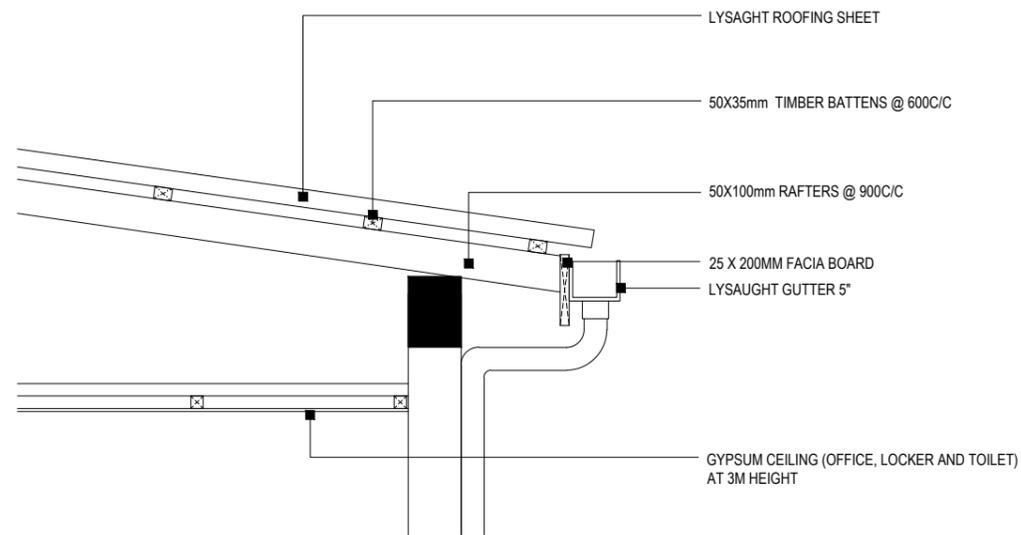
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HAZARDOUS WASTE STORAGE BUILDING SECTION

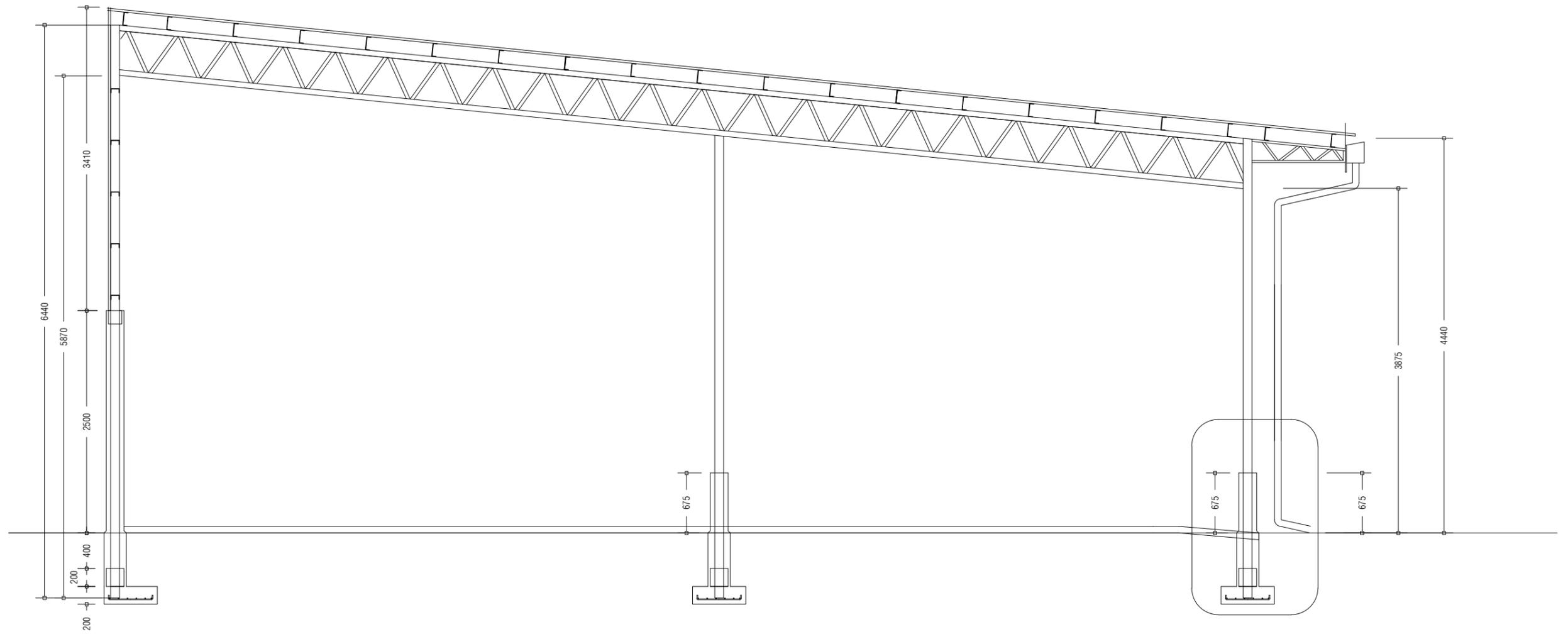


OFFICE / LOCKER BUILDING SECTION



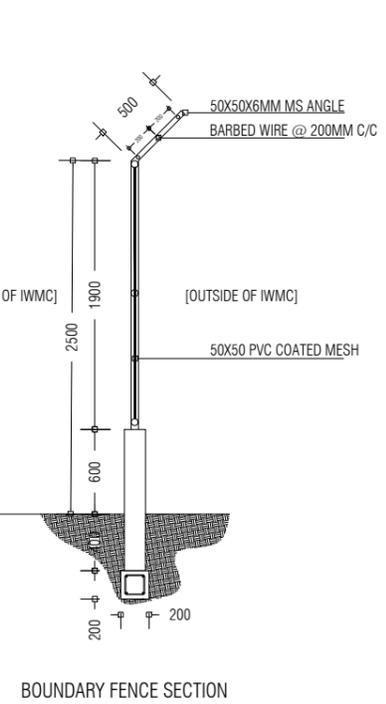
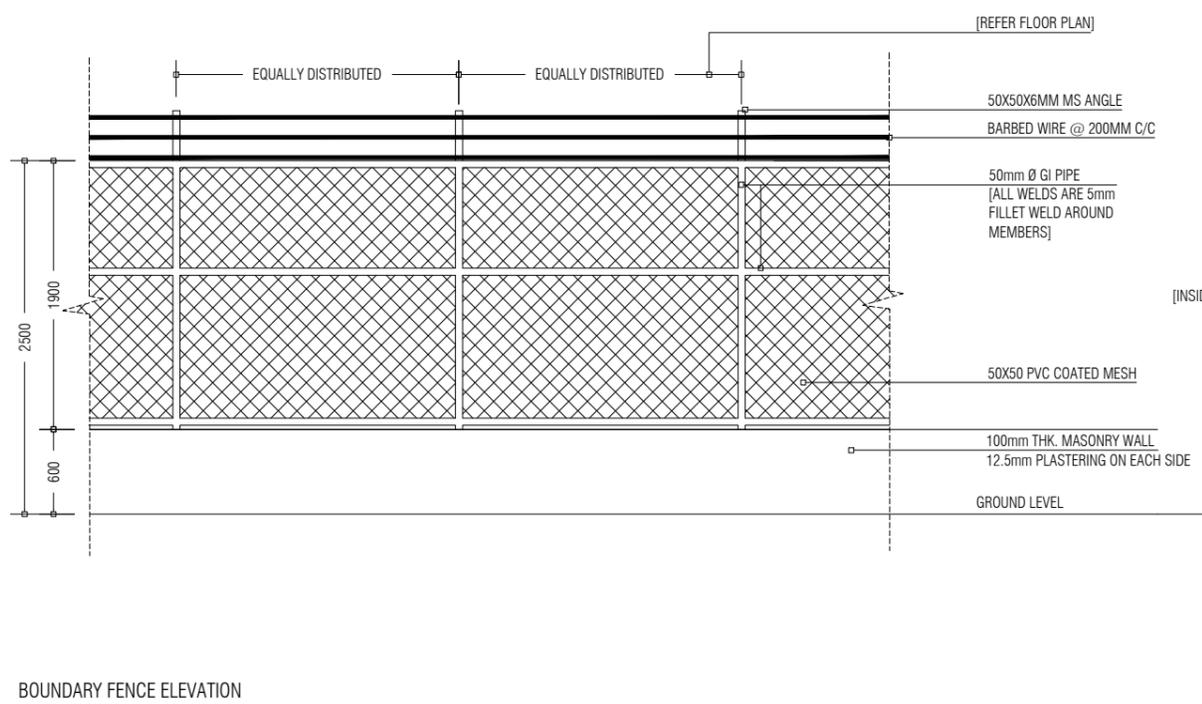
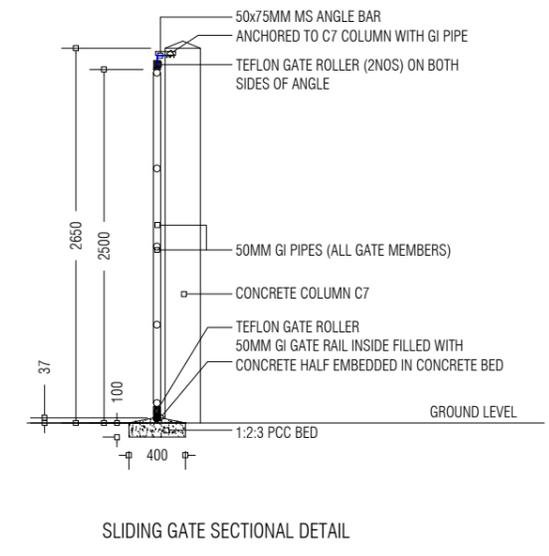
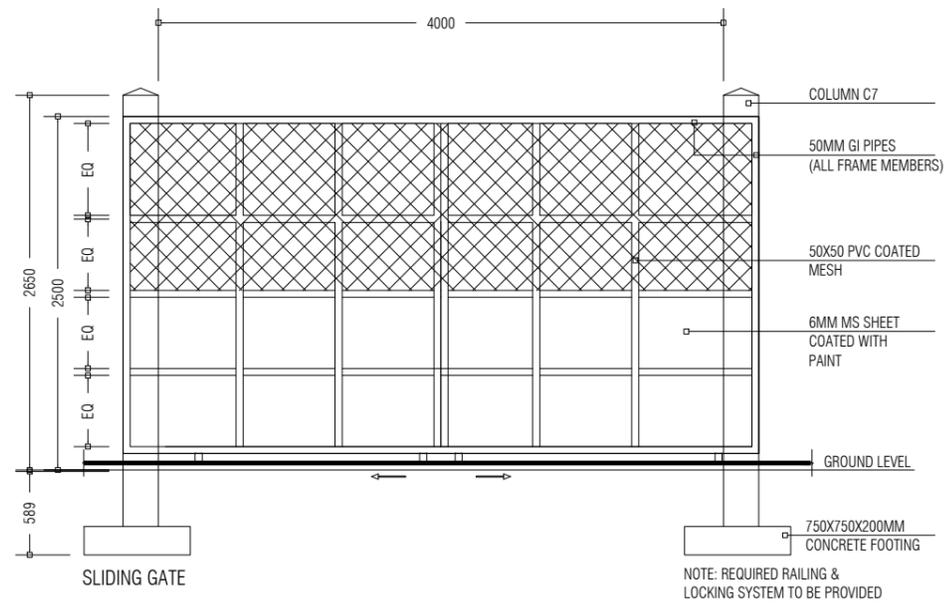
ROOF DETAIL

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	TITLE ELEVATIONS AND SECTIONS	STRUCTURE BY AFRAZ	
	CLIENT DEPARTMENT WMPC DEPARTMENT	DRAWN BY AFRAZ	
	PAPER SIZE A3	SCALE NTS	
	PAGE NO. 09	DWG NO. OMAD-A2-09	
	DATE 22.10.2020		

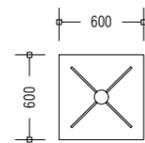
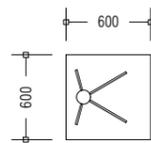
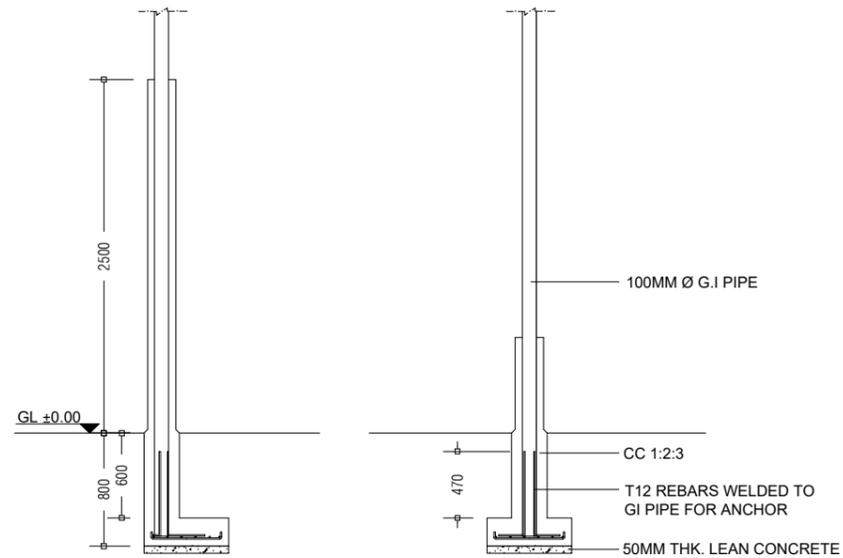


WASTE MANAGEMENT BAY
SECTION A-A

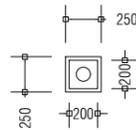
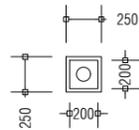
PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.OMADHOO	AFRAZ	
	TITLE ELEVATIONS AND SECTIONS	STRUCTURE BY AFRAZ	
	CLIENT DEPARTMENT WMPC DEPARTMENT	DRAWN BY AFRAZ	
PAPER SIZE	A3	SCALE	NTS
PAGE NO.	10	DWG NO.	OMAD-A2-10
		DATE	22.10.2020



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	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. OMAD-A2-11		
	DATE 22.10.2020		



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



FOOTING DETAILS 1:50

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CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.OMADHOO

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AFRAZ

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TITLE
FOOTING DETAILS

STRUCTURE BY
AFRAZ

CLIENT DEPARTMENT
WMPC DEPARTMENT

DRAWN BY
AFRAZ

PAPER SIZE A3

SCALE 1:50

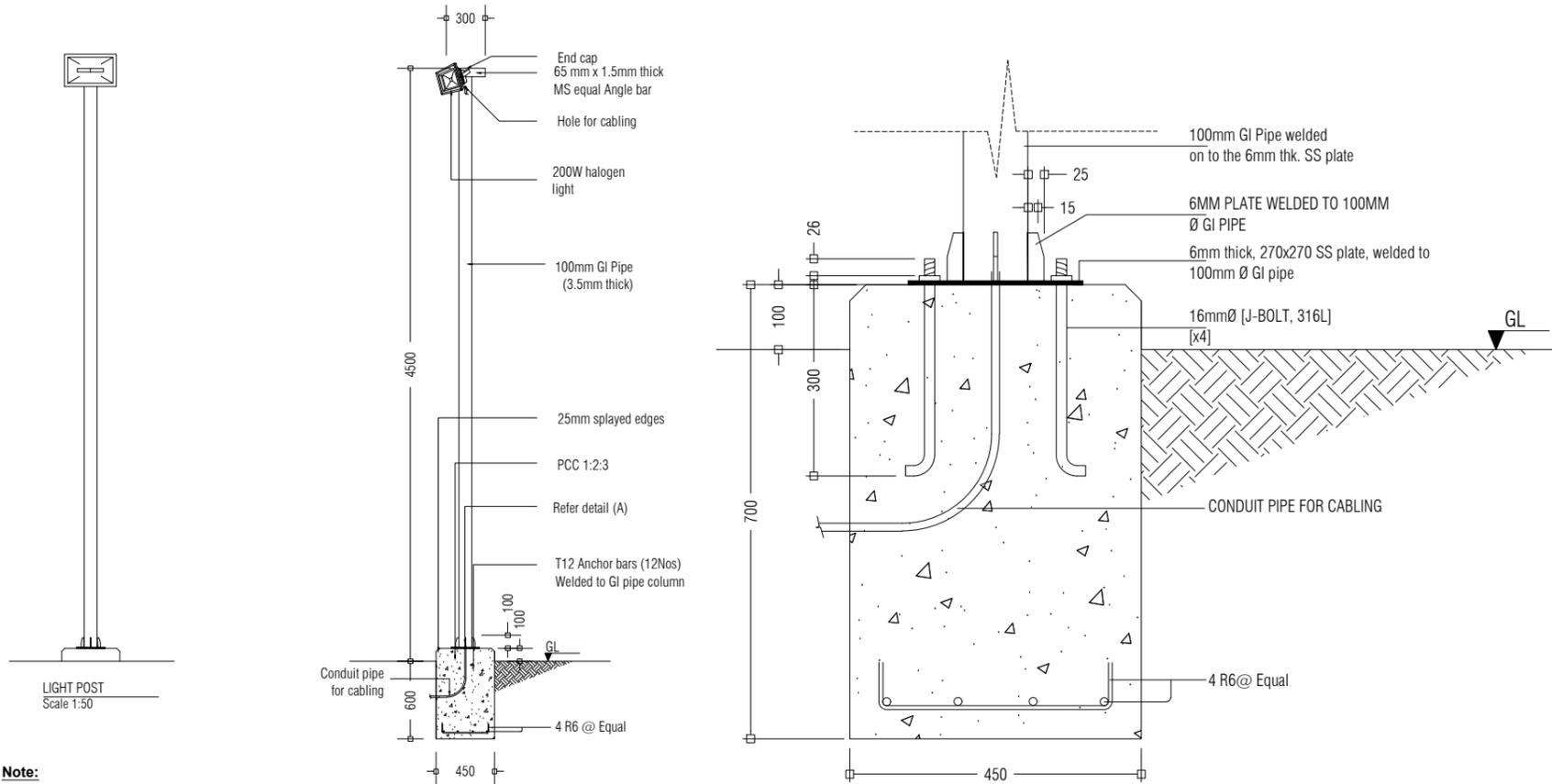
PAGE NO. 12

DWG NO. OMAD-D1-12

DATE 22.10.2020



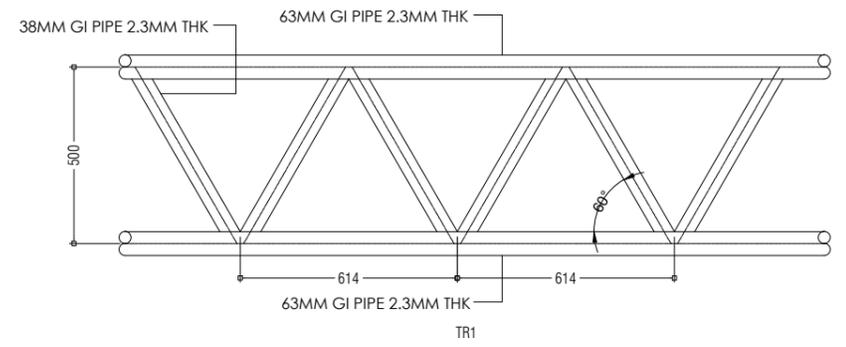
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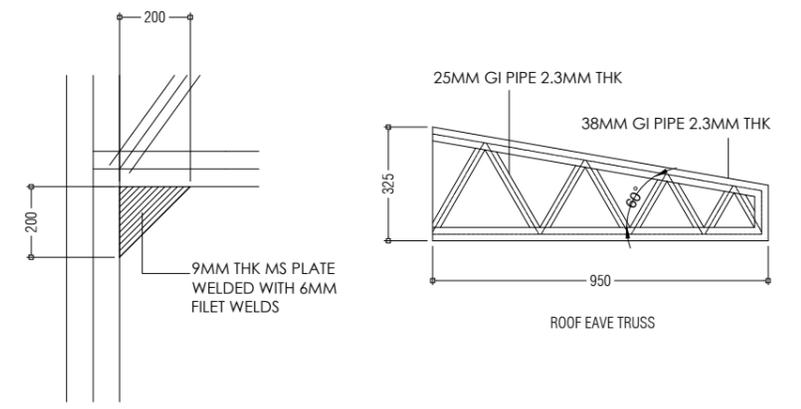
LIGHT POST DETAIL
Scale 1:50

LIGHT POST FOUNDATION FOOTING DETAIL 1:10

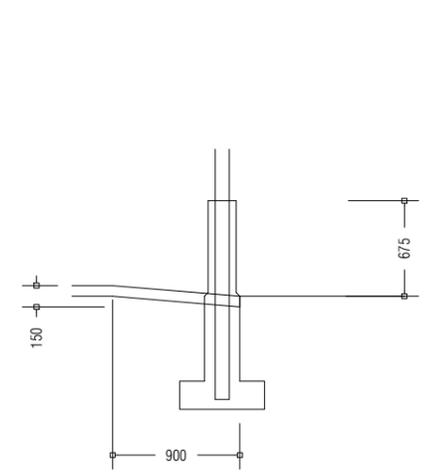
Note:
 * Concrete cover: 50mm
 * GI pipe to be painted with 1 coat of sealer & 2 coats of finishing paint.
 (Sigma or equivalent, maroon colour)



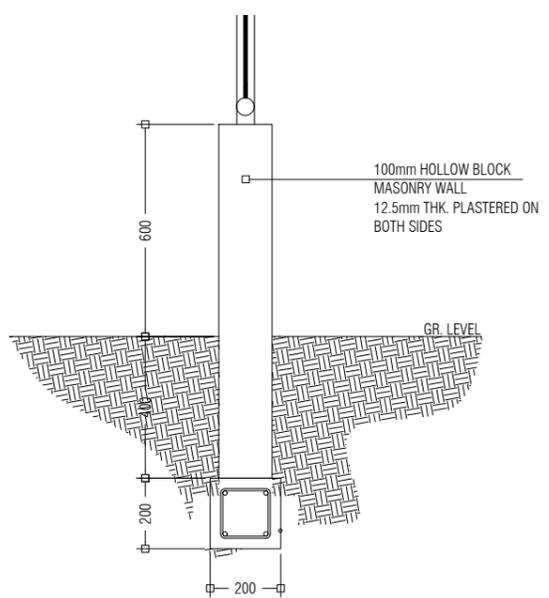
TRUSS DETAIL 1:20



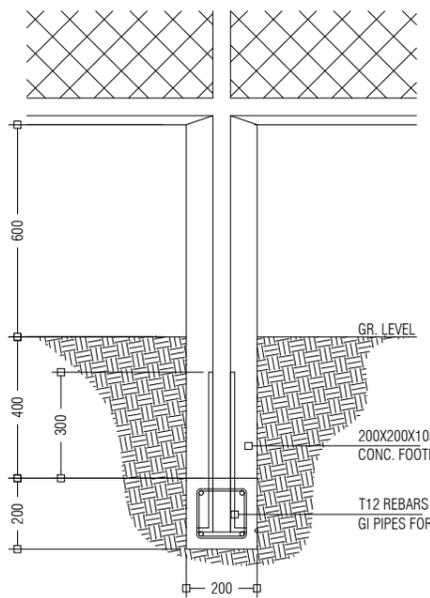
COLUMN AND TRUSS CONNECTION DETAIL 1:20



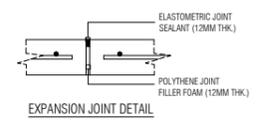
DETAIL A: RAMP DETAIL 1:50



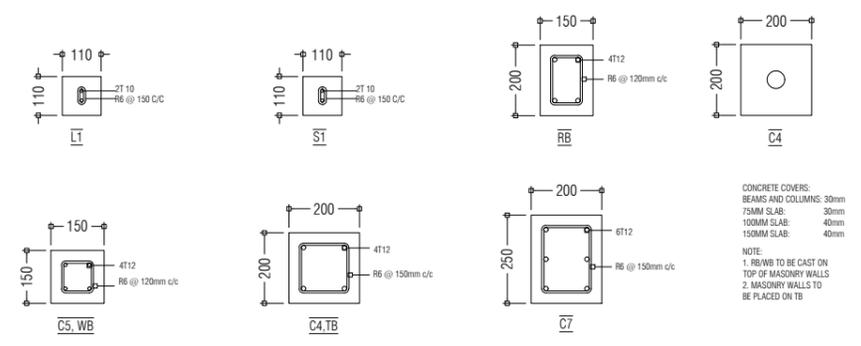
BOUNDARY FENCE SIDE SECTIONAL DETAIL 1:20



BOUNDARY FENCE FRONT SECTIONAL DETAIL 1:20



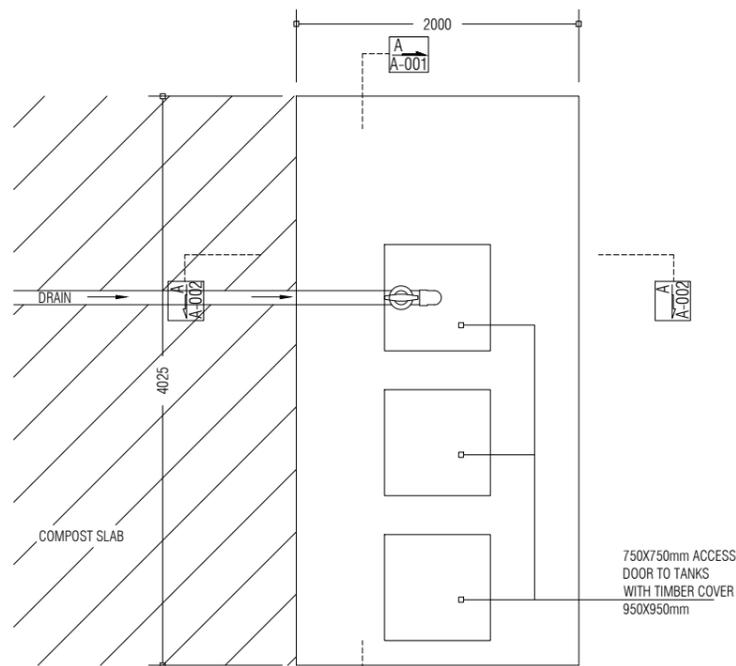
EXPANSION JOINT DETAIL



COLUMN, BEAM AND EXPANSION JOINT DETAILS 1:20

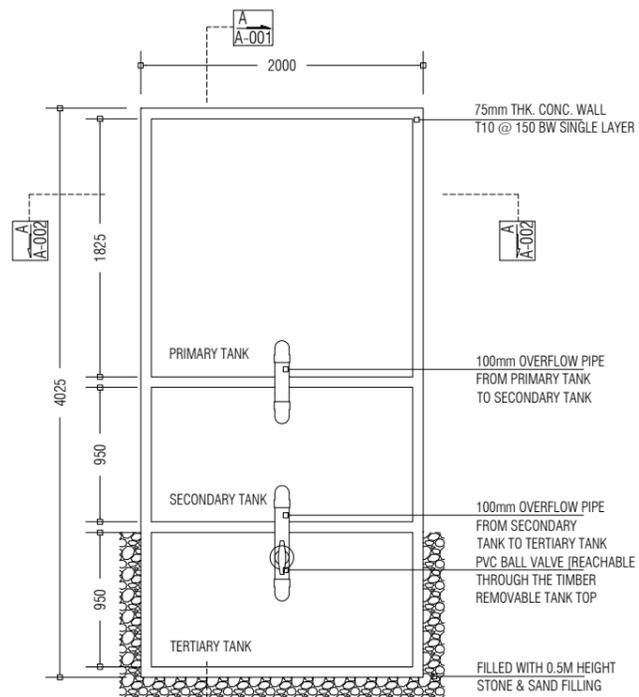
CONCRETE COVERS:
 BEAMS AND COLUMNS: 30mm
 75MM SLAB: 30mm
 100MM SLAB: 40mm
 150MM SLAB: 40mm
 NOTE:
 1. RB/WB TO BE CAST ON TOP OF MASONRY WALLS
 2. MASONRY WALLS TO BE PLACED ON TB

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

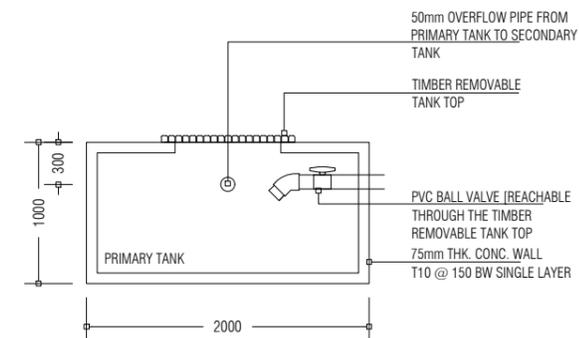


TOP VIEW

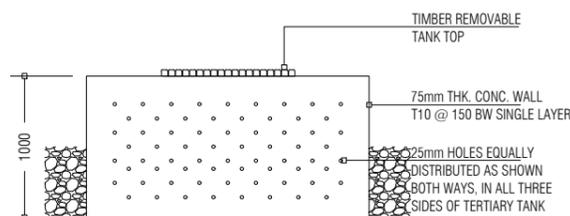
LEACHATE WELL



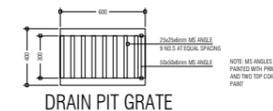
PLAN



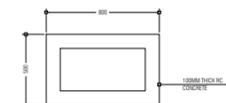
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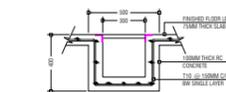
TERTIARY TANK SIDE VIEW



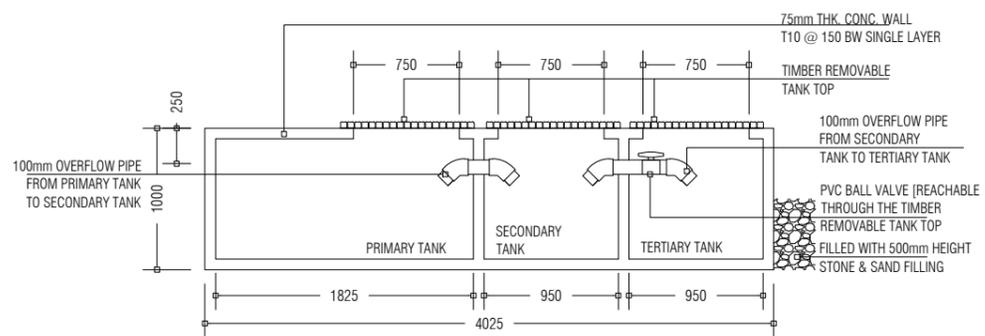
DRAIN PIT GRATE



DRAIN PIT: TOP VIEW

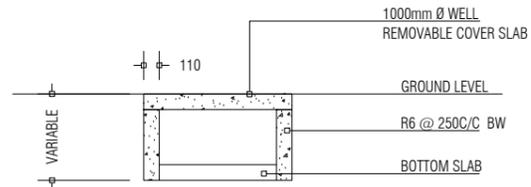


DRAIN PIT: SECTION VIEW

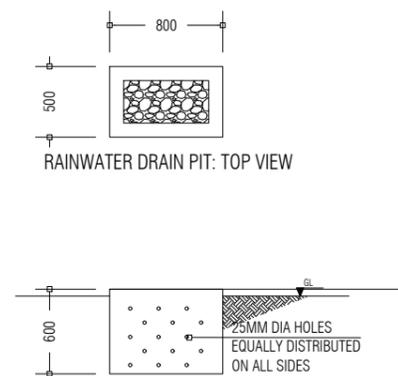


A-001

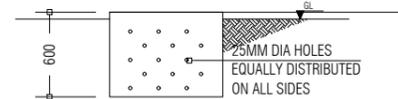
LEACHATE WELL



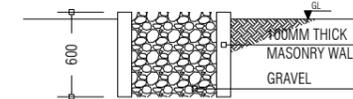
GROUND WATER WELL



RAINWATER DRAIN PIT: TOP VIEW



RAINWATER DRAIN PIT: SIDE VIEW



RAINWATER DRAIN PIT: SECTION VIEW

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TH.OMADHOO

DESIGN BY
AFRAZ

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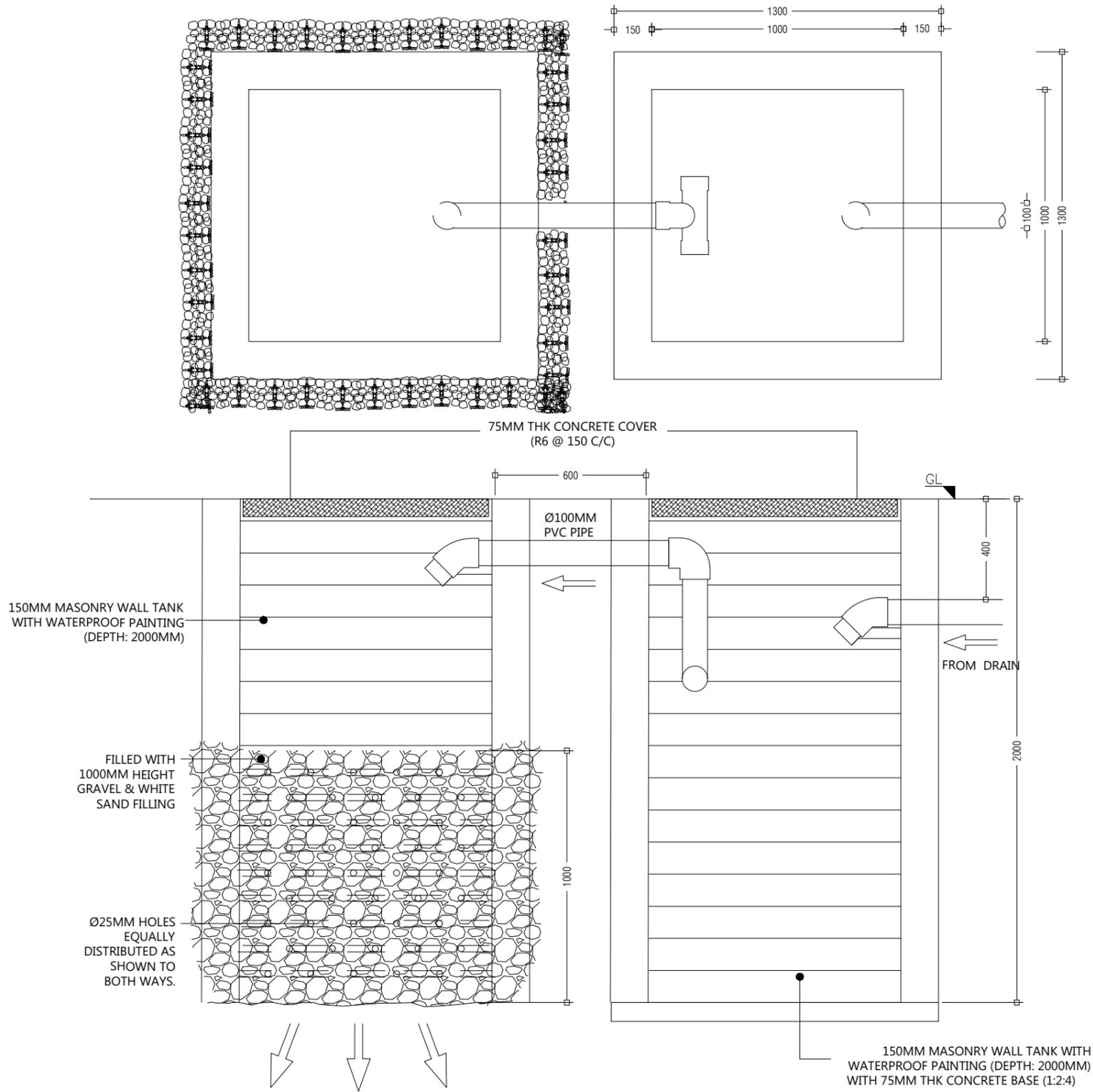
TITLE
LEACHATE WELL, GROUND WATER WELL, RAINWATER DRAIN PIT AND WASTE
MANAGEMENT BUILDING DRAIN PIT DETAILS

STRUCTURE BY
AFRAZ
DRAWN BY
AFRAZ

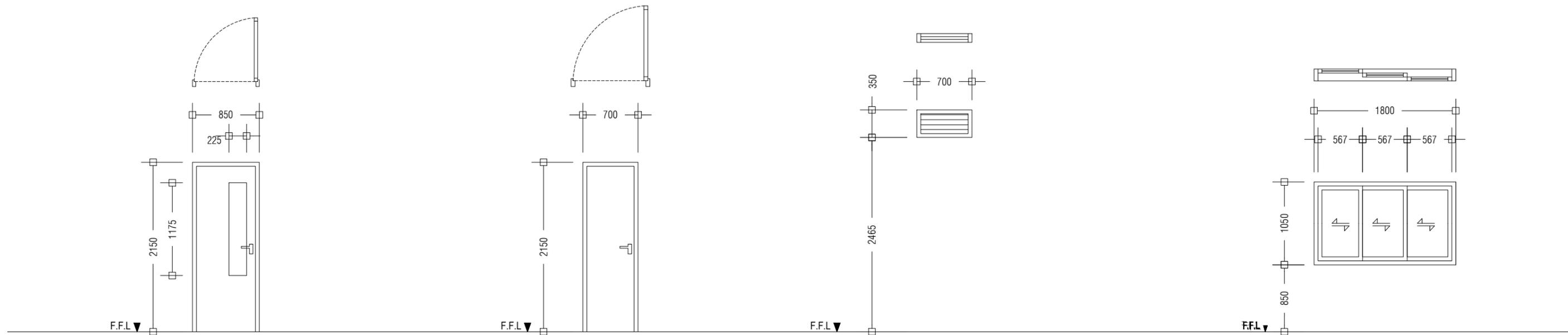
CLIENT DEPARTMENT
WMPC DEPARTMENT

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PAGE NO. 14

SCALE 1:50
DWG NO. OMAD-D1-14
DATE 22.10.2020



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	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.	OMAD-D1-15	
		DATE	22.10.2020	

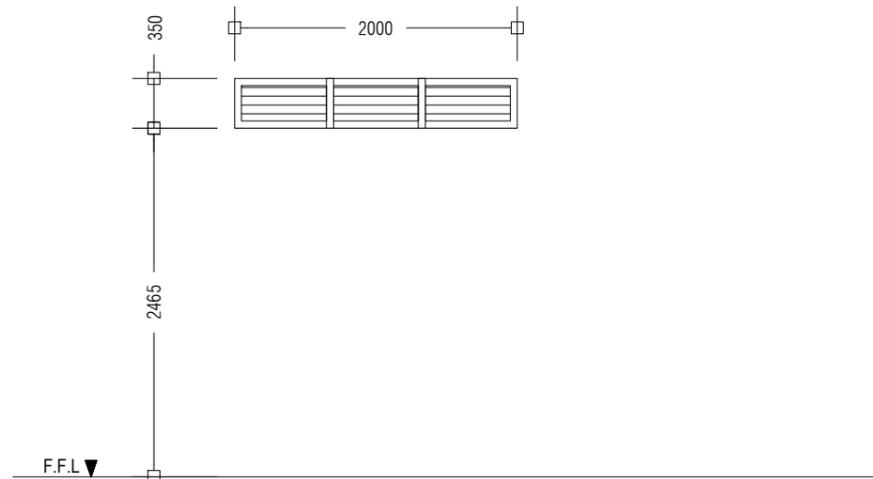


D2	SWING TYPE DOOR
REMARKS	ALUMINUM DOOR WITH CLEAR GLASS PANEL 01 DOOR KNOB WITH LOCK SET 04 HINGES DOOR STOPPER, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 04
OPEN AREA	1.83 m ²

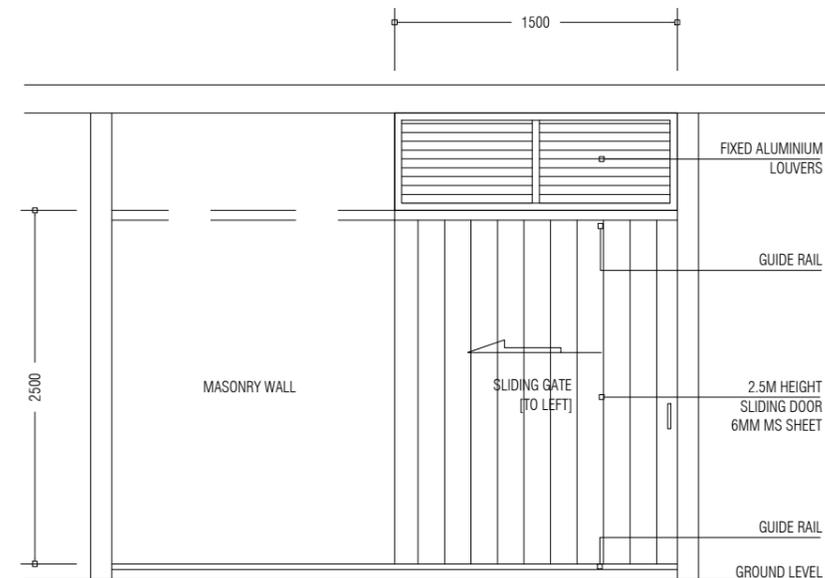
D3	SWING TYPE DOOR
REMARKS	ALUMINIUM DOOR WITH DOOR KNOB AND 1 LOCK SET 04 HINGES
LOCATION	GROUND FLOOR
QUANTITY	NO.S 01
OPEN AREA	1.51m ²

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

PREPARED BY



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

PROJECT
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.OMADHOO

TITLE
DOOR AND WINDOW SCHEDULE

CLIENT DEPARTMENT
WMPC DEPARTMENT

PAPER SIZE A3
PAGE NO. 16

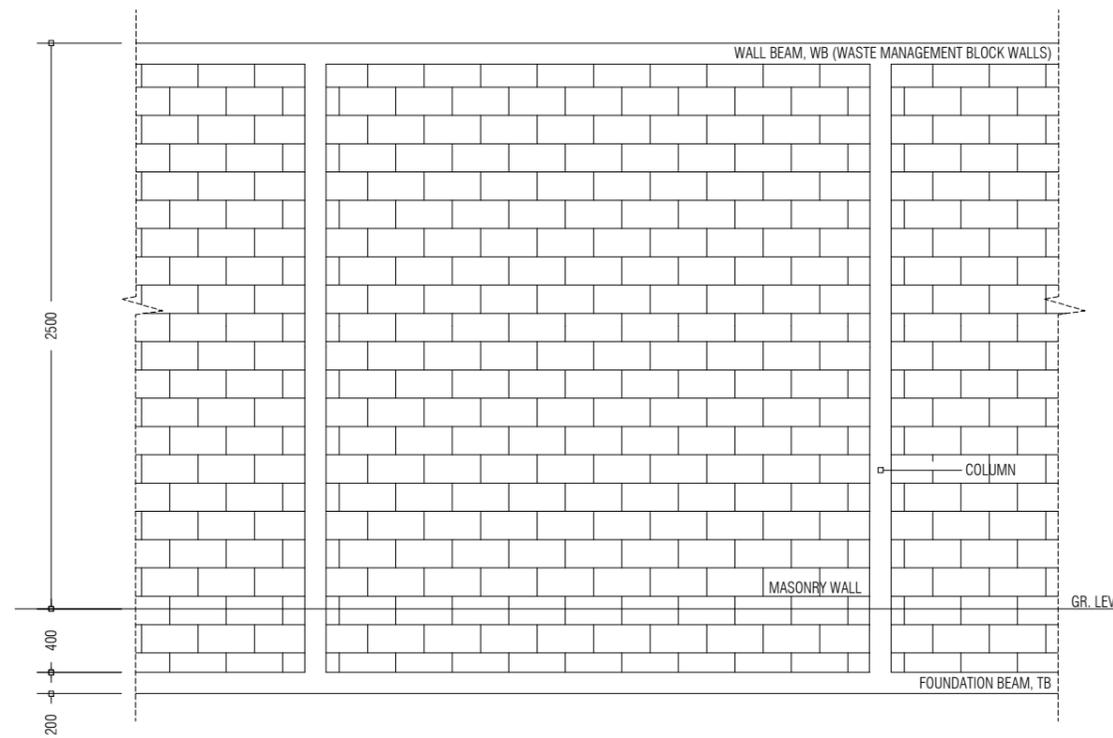
DESIGN BY
AFRAZ

STRUCTURE BY
AFRAZ

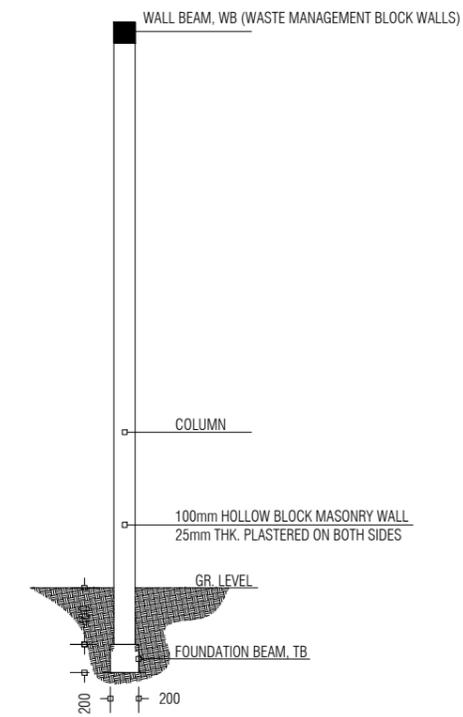
DRAWN BY
AFRAZ

SCALE 1:50
DWG NO. OMAD-A2-16
DATE 22.10.2020

AMENDMENTS



2.5M HIGH WALL ELEVATION



2.5M HIGH WALL SECTION

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.OMADHOO	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. OMAD-A2-17	
		DATE 22.10.2020	