

CONSTRUCTION OF TH.THIMARAFUSHI ISLAND WASTE MANAGEMENT CENTRE

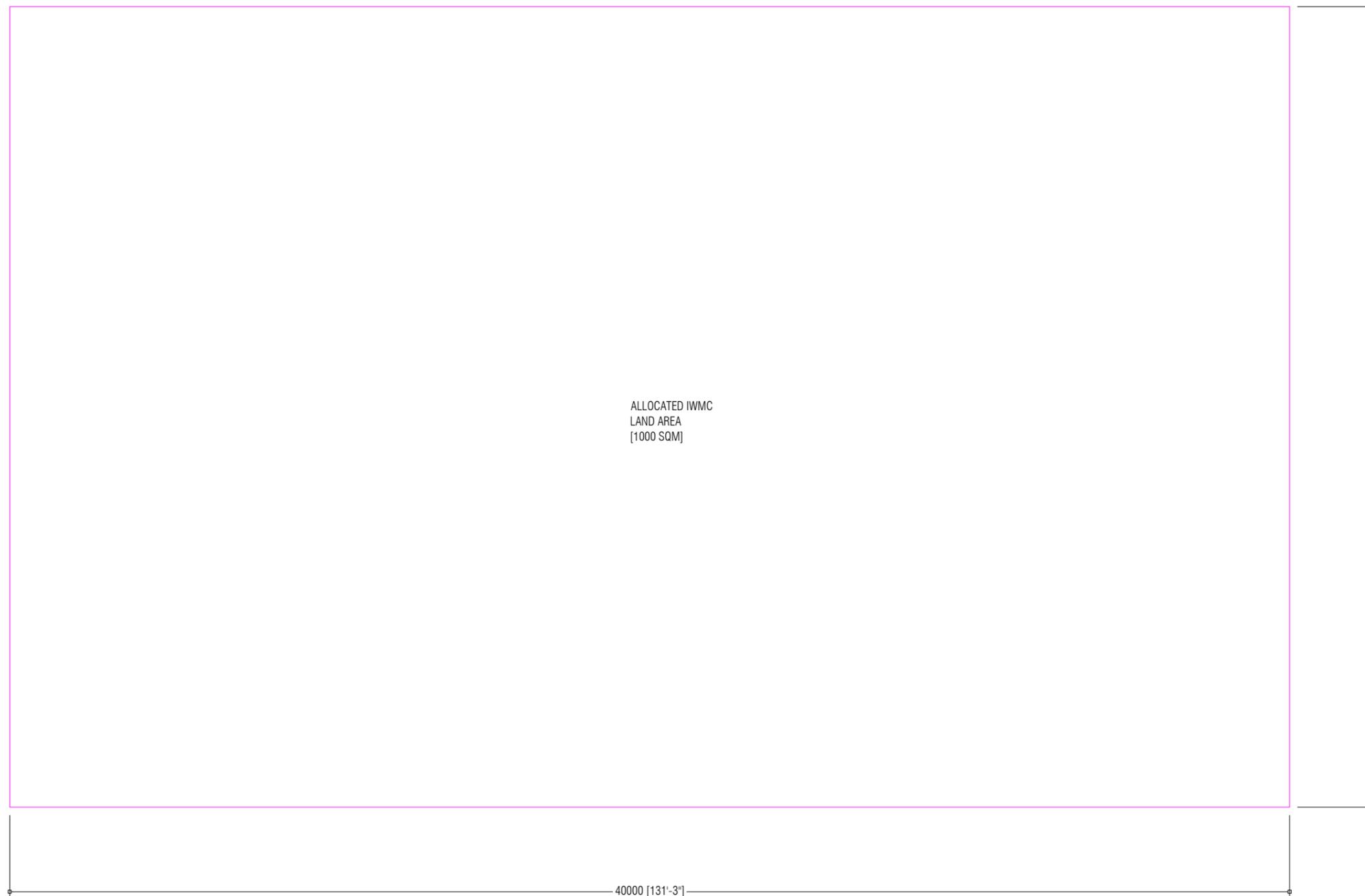


PREPARED BY:
MALDIVES CLEAN ENVIRONMENT PROJECT
MINISTRY OF ENVIRONMENT

NOVEMBER 2020



OLHUTHERE MAGU



PREPARED BY

PROJECT

DESIGN BY

AMENDMENTS

CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.THIMARAFUSHI

AFRAZ

TITLE
LOCATION PLAN

STRUCTURE BY
AFRAZ

CLIENT DEPARTMENT
WMPC DEPARTMENT

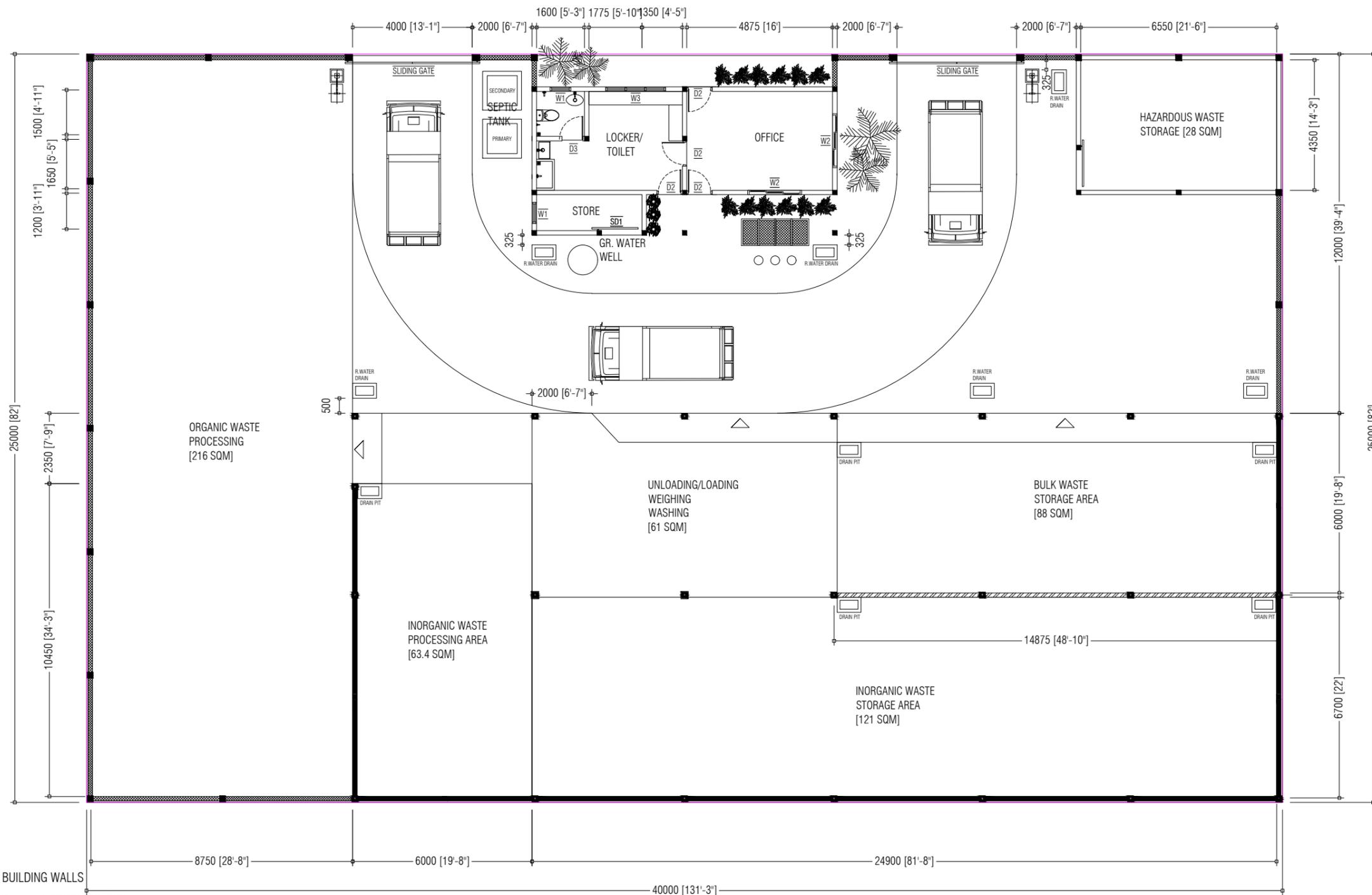
DRAWN BY
AFRAZ

PAPER SIZE A3
PAGE NO. 01

SCALE 1:150
DWG NO. THIM-A1-01
DATE 03.10.2020



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

PREPARED BY

PROJECT
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH. THIMARAFUSHI

DESIGN BY
AFRAZ

AMENDMENTS

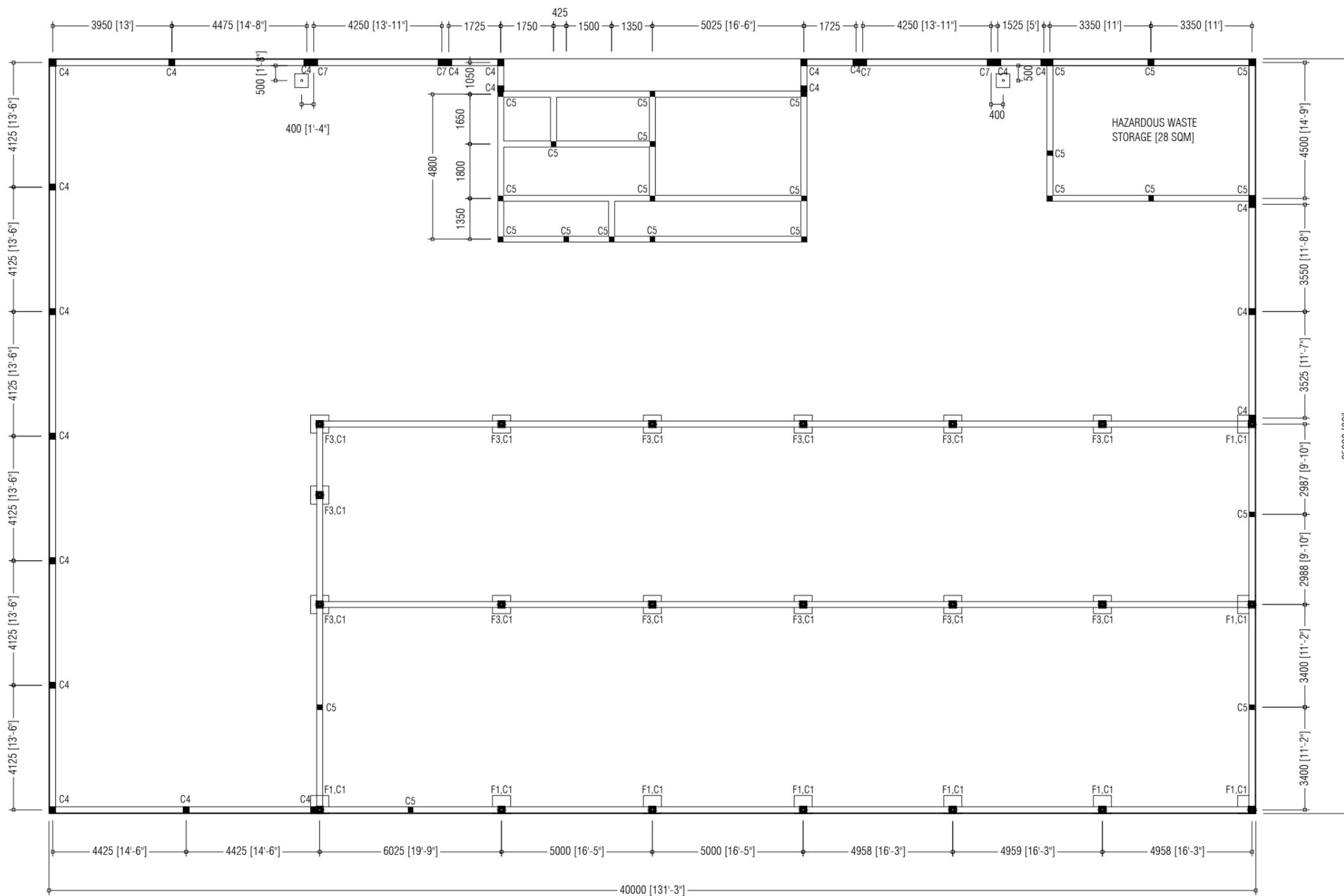
TITLE
FLOOR PLAN
CLIENT DEPARTMENT
WMPC DEPARTMENT

STRUCTURE BY
AFRAZ
DRAWN BY
AFRAZ

PAPER SIZE A3
PAGE NO. 02

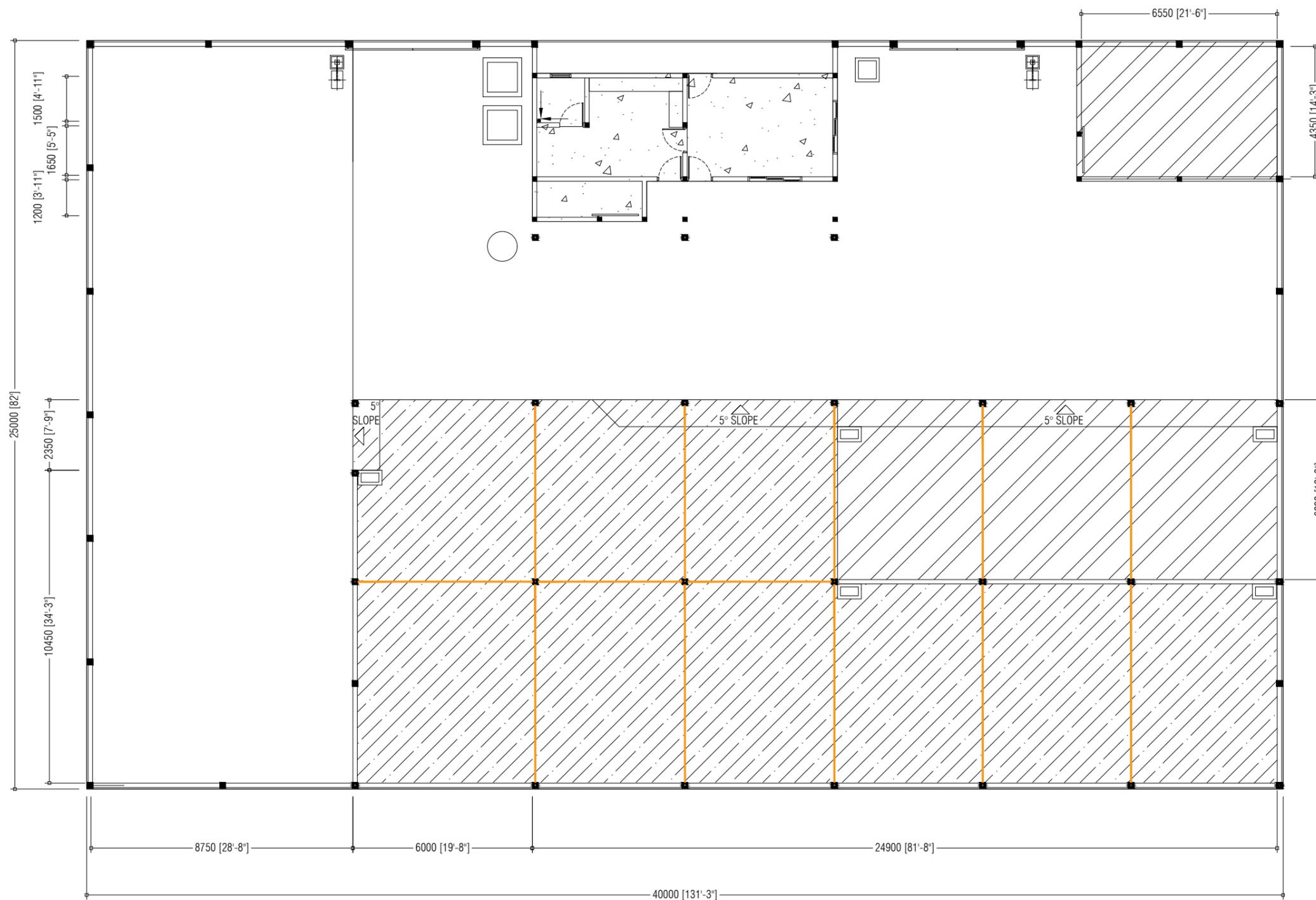
SCALE 1:150
DWG NO. THIM-A1-02
DATE 03.10.2020





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

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 TH.THIMARAFUSHI	AFRAZ	
	TITLE FOUNDATION PLAN	STRUCTURE BY AFRAZ	
	CLIENT DEPARTMENT WMPC DEPARTMENT	DRAWN BY AFRAZ	
	PAPER SIZE A3	SCALE 1:150	
	PAGE NO. 03	DWG NO. THIM-A1-03	
		DATE 03.10.2020	



NOTE:

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

PREPARED BY

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

PROJECT
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.THIMARAFUSHI

TITLE
FLOOR SLAB PLAN

CLIENT DEPARTMENT
WMPC DEPARTMENT

PAPER SIZE A3
PAGE NO. 04

DESIGN BY
AFRAZ

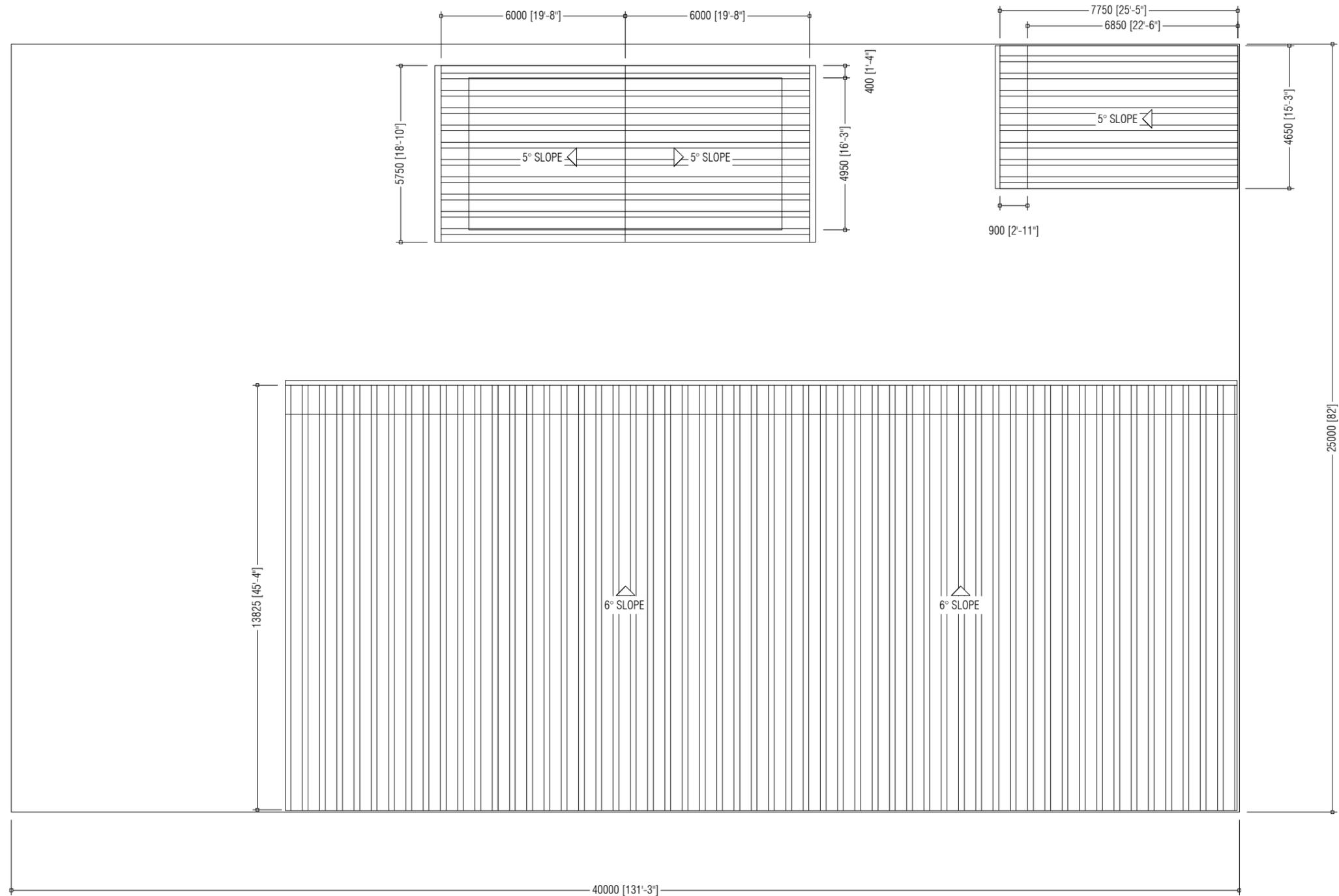
STRUCTURE BY
AFRAZ

DRAWN BY
AFRAZ

SCALE 1:150
DWG NO. THIM-A1-04(R)
DATE 23.11.2020

AMENDMENTS

SLAB THICKNESS REVISED
EXPANSION JOINTS ADDED



PREPARED BY

PROJECT
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.THIMARAFUSHI

DESIGN BY
AFRAZ

AMENDMENTS

TITLE
ROOF PLAN

CLIENT DEPARTMENT
WMPC DEPARTMENT

STRUCTURE BY
AFRAZ

DRAWN BY
AFRAZ

PAPER SIZE A3

PAGE NO. 05

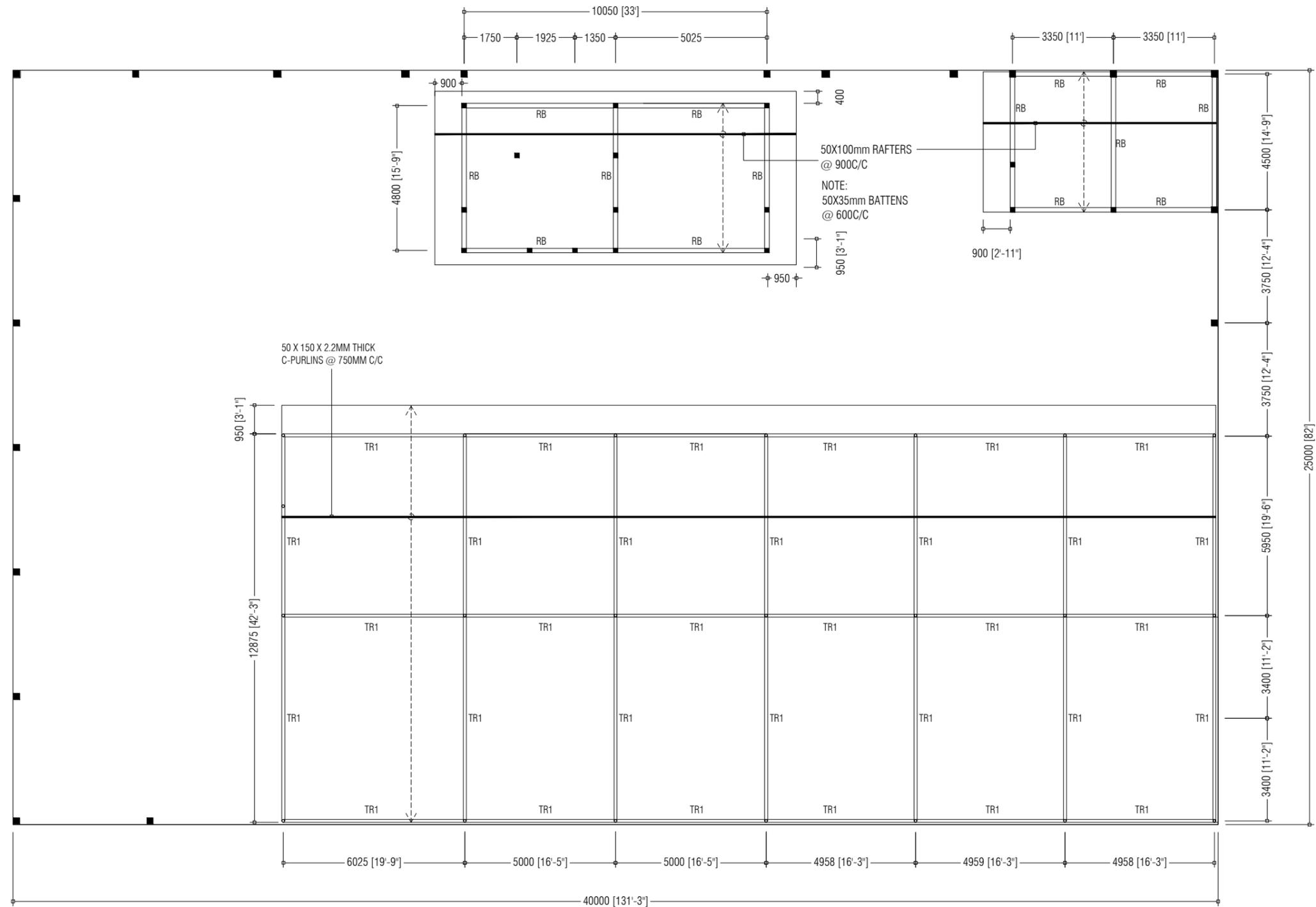
SCALE 1:150

DWG NO. THIM-A1-05

DATE 03.10.2020



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



PREPARED BY

PROJECT
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.THIMARAFUSHI

DESIGN BY
AFRAZ

AMENDMENTS



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

TITLE
ROOF STRUCTURE PLAN

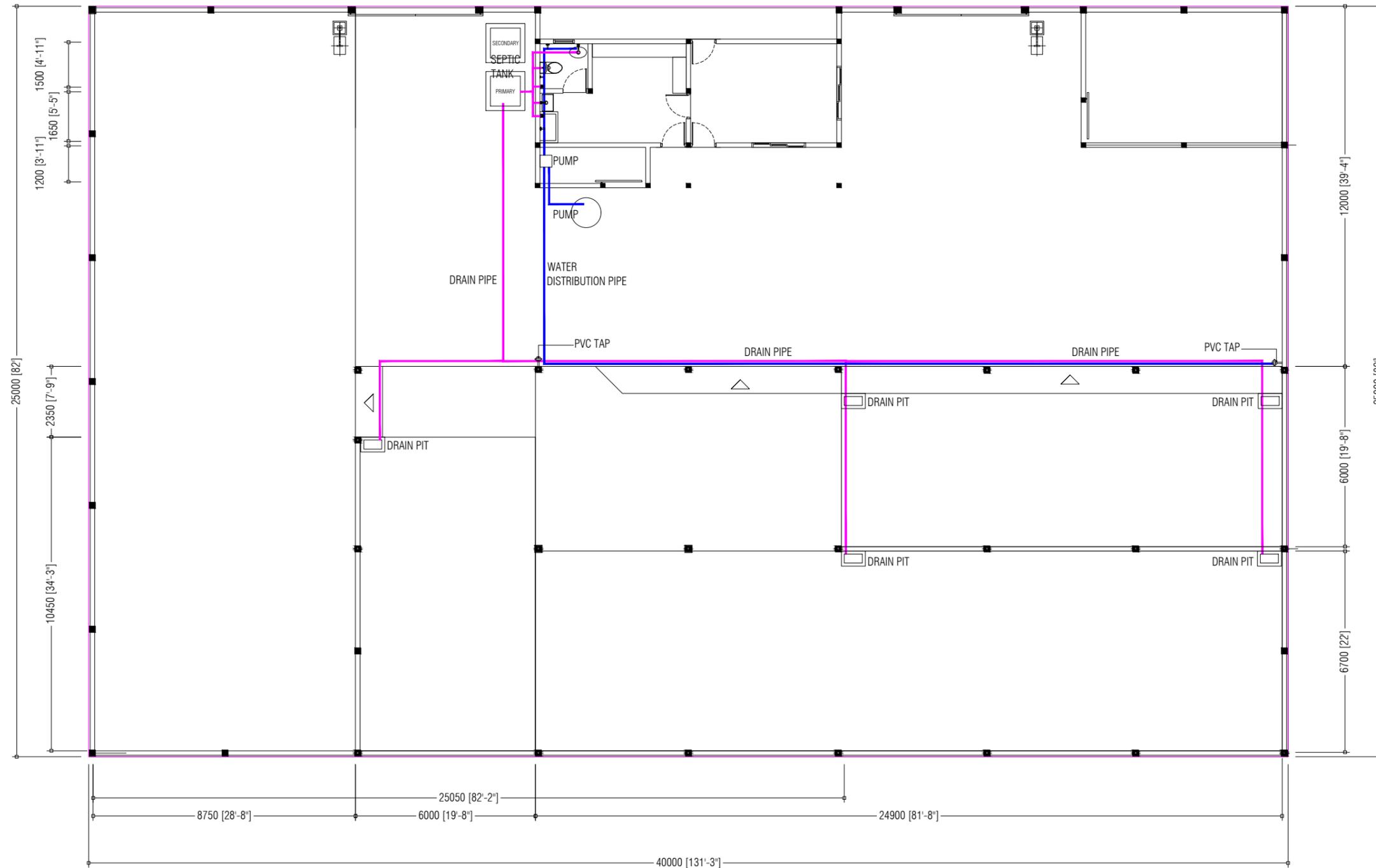
CLIENT DEPARTMENT
WMPC DEPARTMENT

STRUCTURE BY
AFRAZ

DRAWN BY
AFRAZ

PAPER SIZE A3
PAGE NO. 06

SCALE 1:150
DWG NO. THIM-A1-06
DATE 03.10.2020



PREPARED BY

PROJECT
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.THIMARAFUSHI

DESIGN BY
AFRAZ

AMENDMENTS

TITLE
PLUMBING PLAN
CLIENT DEPARTMENT
WMPC DEPARTMENT

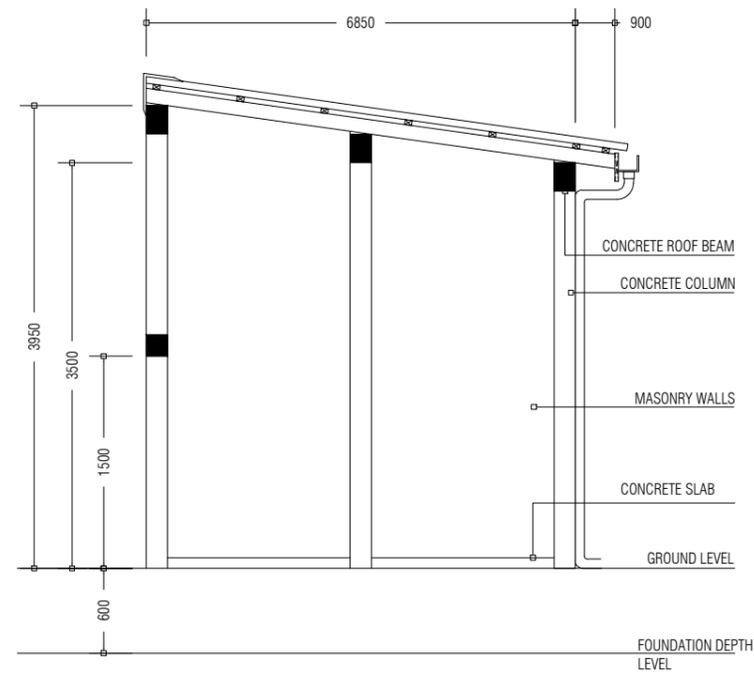
STRUCTURE BY
AFRAZ
DRAWN BY
AFRAZ

PAPER SIZE A3
PAGE NO. 07

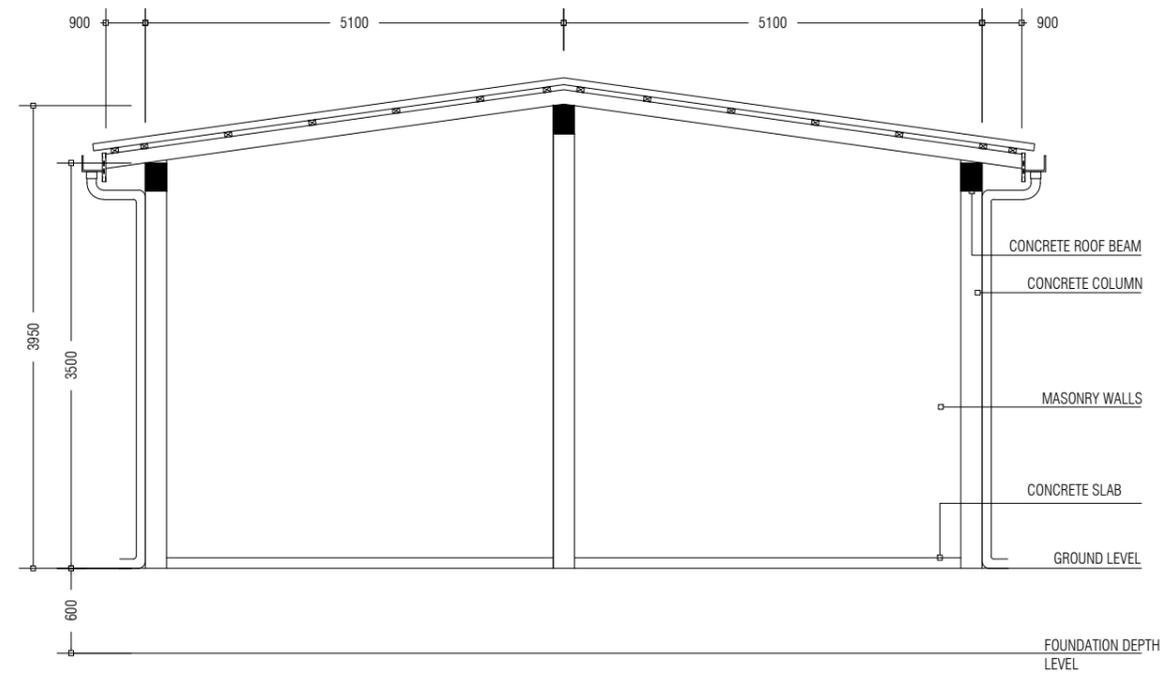
SCALE 1:150
DWG NO. THIM-A1-07
DATE 03.10.2020



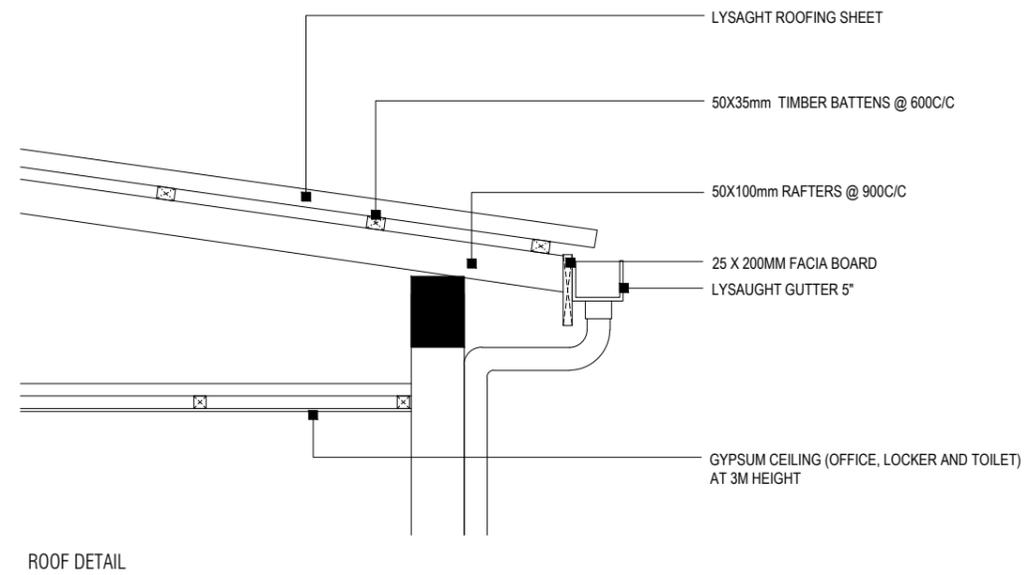
MCEP
MINISTRY OF ENVIRONMENT
GREEN BUILDING, HANDHUVAREE HIGUN,
MAAFANNU, MALÉ (20392), REPUBLIC OF MALDIVES,
TEL: +960-3018431, +960-3018300, FAX: +960-328301



OFFICE / LOCKER BUILDING ELEVATION



OFFICE / LOCKER BUILDING SECTION



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.THIMARAFUSHI

TITLE
ELEVATIONS AND SECTIONS

CLIENT DEPARTMENT
WMPC DEPARTMENT

PAPER SIZE A3
PAGE NO. 09

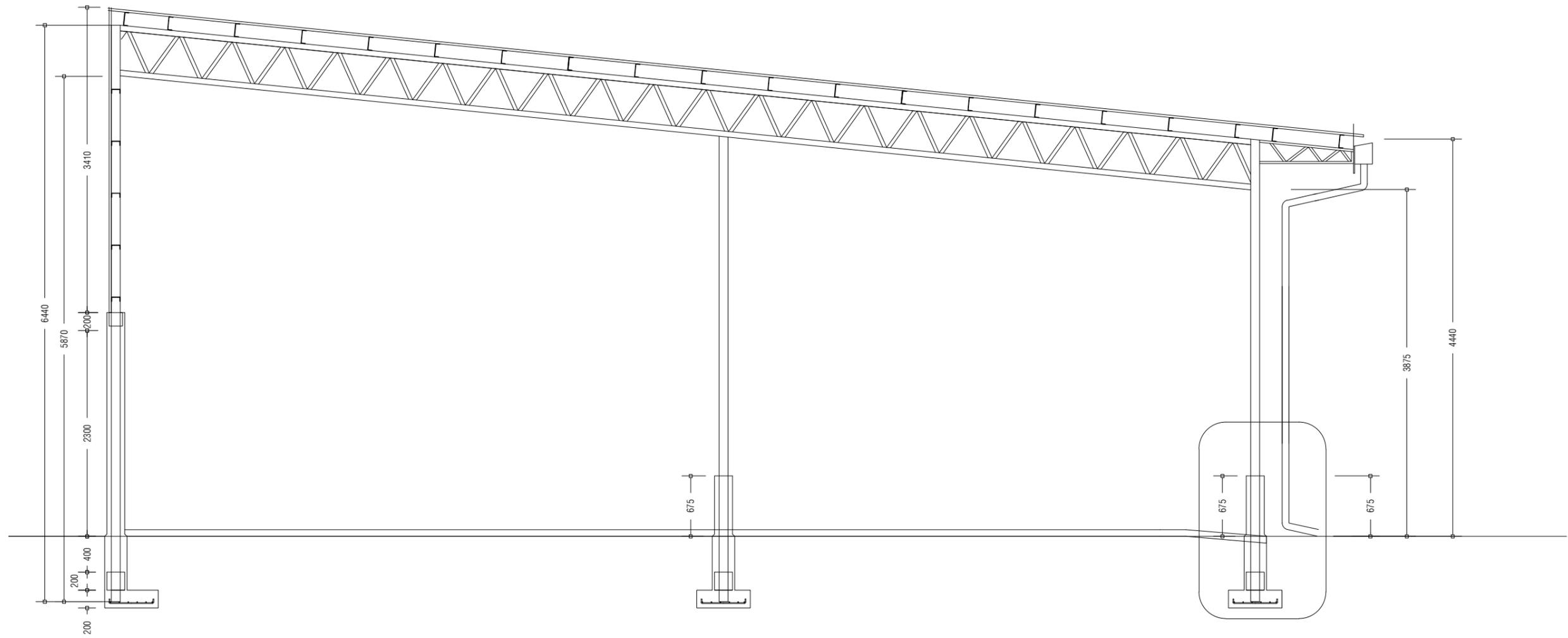
DESIGN BY
AFRAZ

STRUCTURE BY
AFRAZ

DRAWN BY
AFRAZ

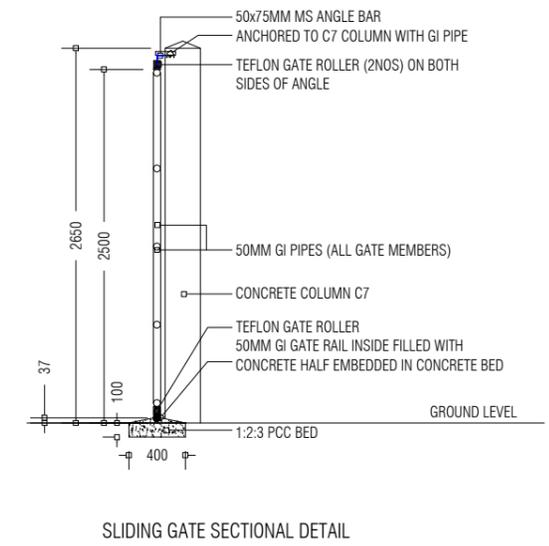
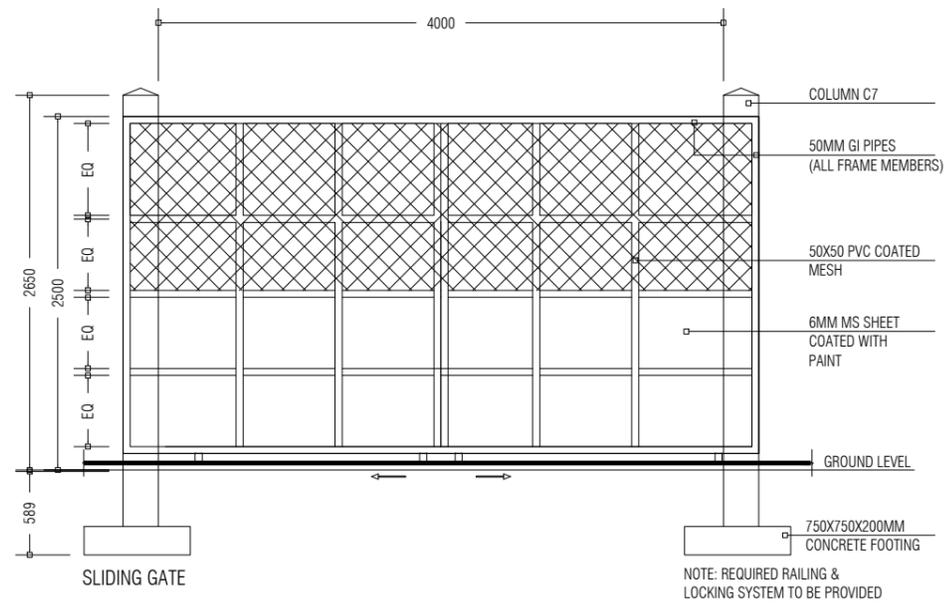
SCALE NTS
DWG NO. THIM-A2-09
DATE 03.10.2020

AMENDMENTS

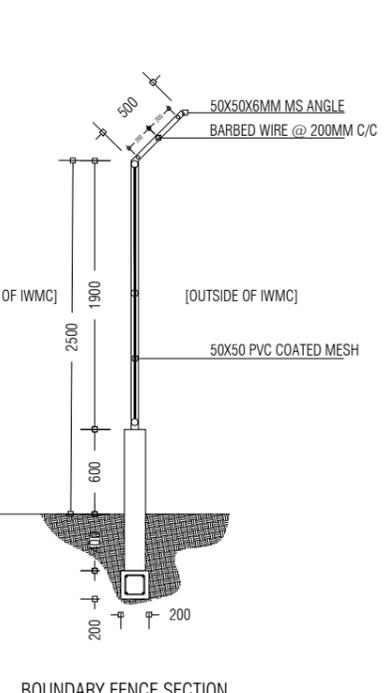
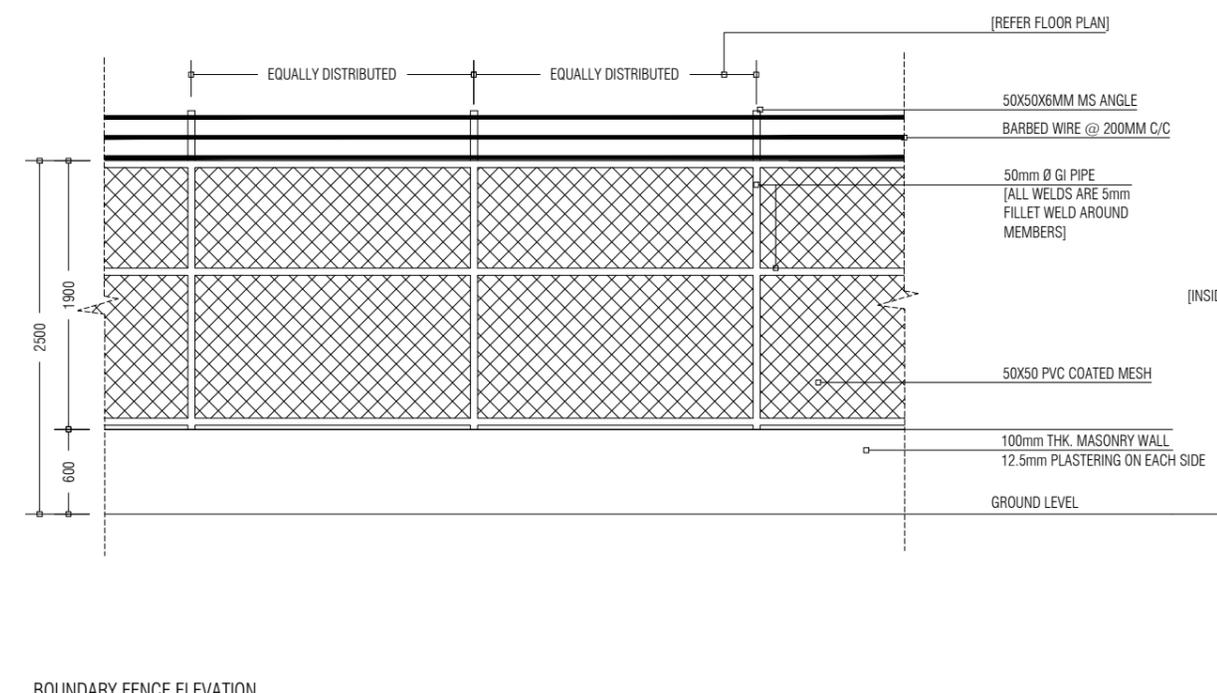


WASTE MANAGEMENT BAY
SECTION A-A

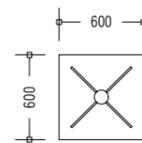
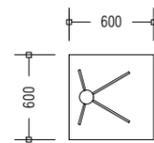
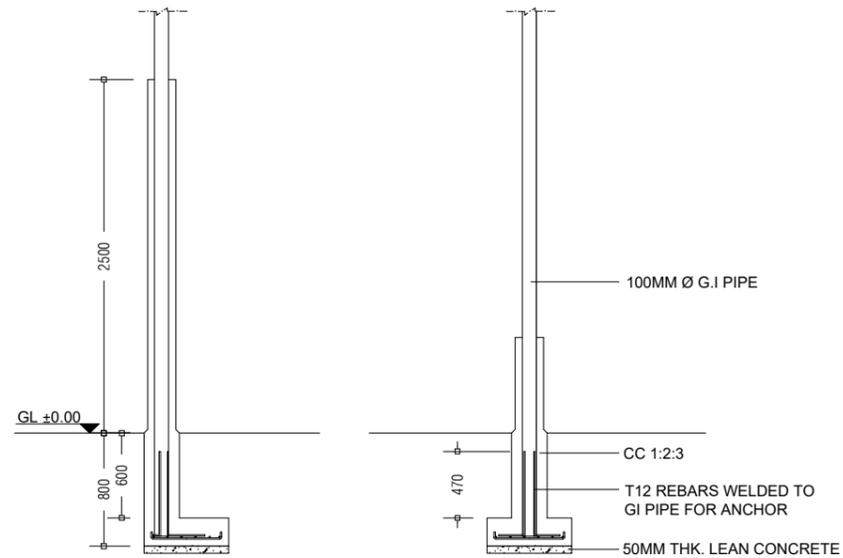
PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.THIMARAFUSHI	AFRAZ	
	TITLE	STRUCTURE BY	
	ELEVATIONS AND SECTIONS	AFRAZ	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	AFRAZ	
 <p>MCEP MINISTRY OF ENVIRONMENT GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALÉ (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301</p>	PAPER SIZE A3	SCALE 1:150	
PAGE NO. 10	DWG NO. THIM-A2-10	DATE 03.10.2020	



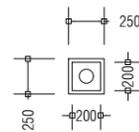
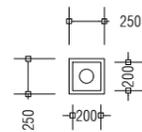
NOTE:
ALL WELDS FOR THE
GI MEMBERS ARE
5mm FILLET WELDS



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 TH.THIMARAFUSHI	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. THIM-A2-11		
	DATE 03.10.2020		



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



FOOTING DETAILS 1:50

PREPARED BY

PROJECT
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.THIMARAFUSHI

DESIGN BY
AFRAZ

AMENDMENTS

TITLE
FOOTING DETAILS

STRUCTURE BY
AFRAZ

CLIENT DEPARTMENT
WMPC DEPARTMENT

DRAWN BY
AFRAZ

PAPER SIZE A3

SCALE 1:50

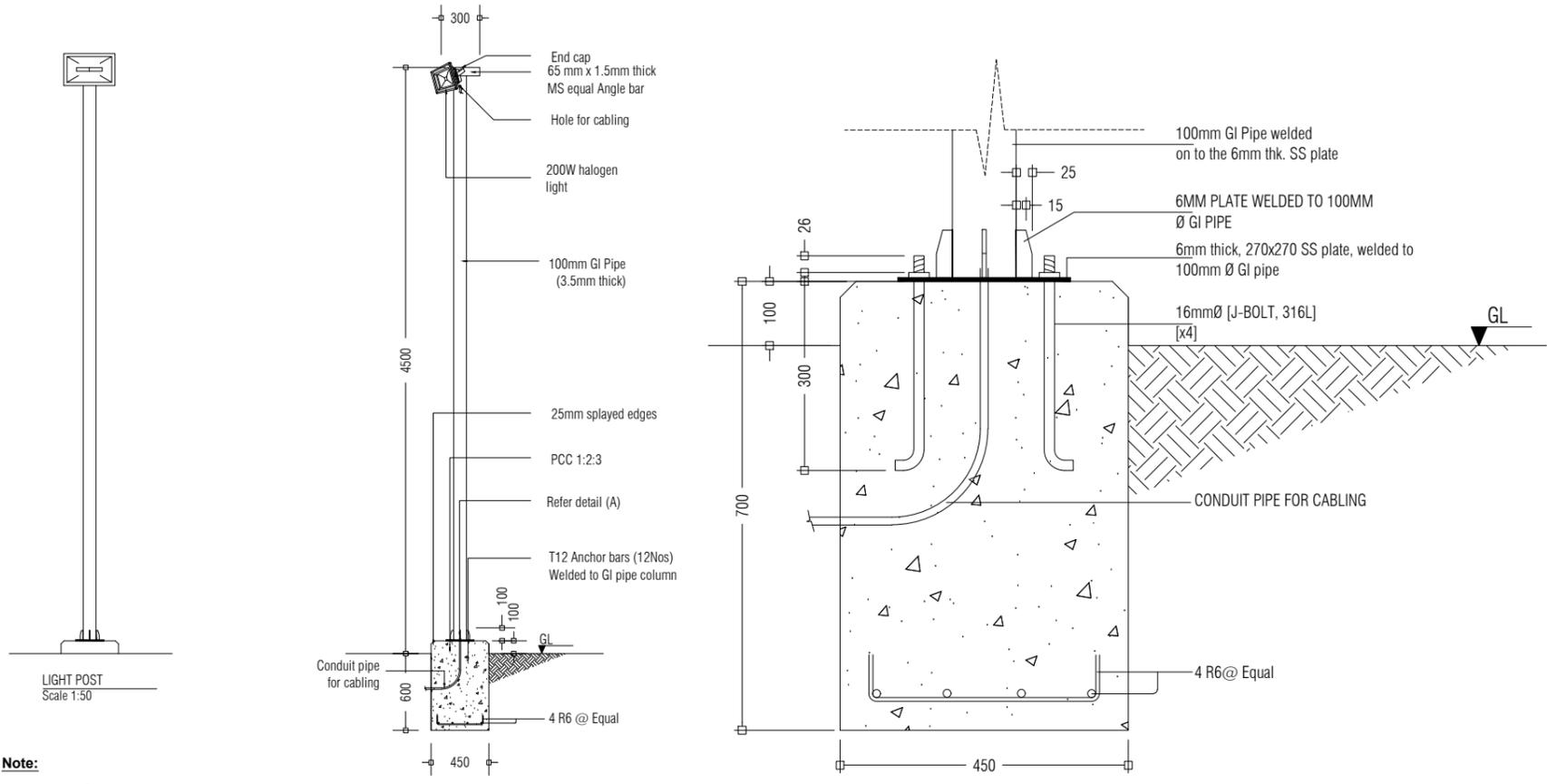
PAGE NO. 12

DWG NO. THIM-D1-12

DATE 03.10.2020



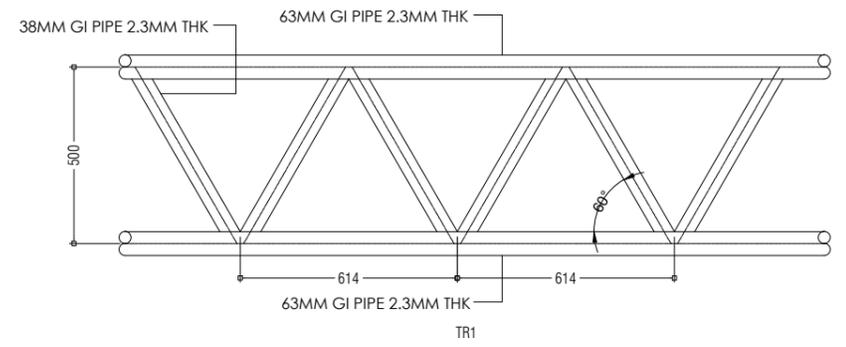
MCEP
MINISTRY OF ENVIRONMENT
GREEN BUILDING, HANDHUVAREE HIGUN,
MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES,
TEL: +960-3018431, +960-3018300, FAX: +960-328301



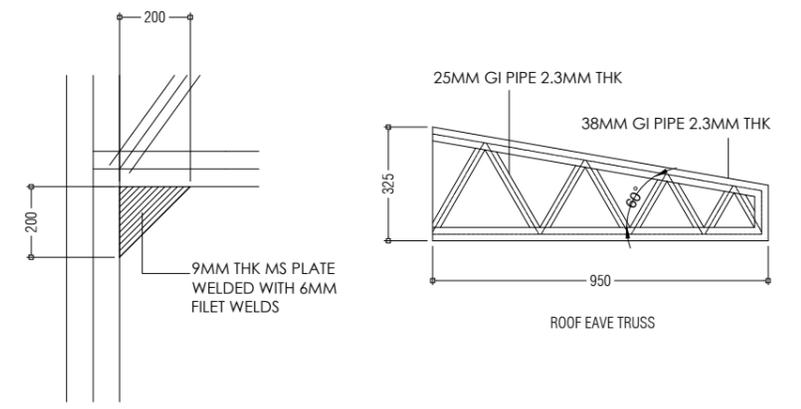
LIGHT POST DETAIL
Scale 1:50

LIGHT POST FOUNDATION FOOTING DETAIL 1:10

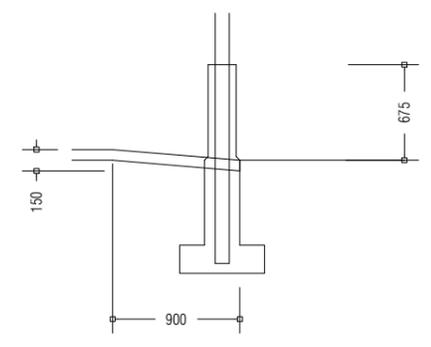
Note:
 * Concrete cover: 50mm
 * GI pipe to be painted with 1 coat of sealer & 2 coats of finishing paint.
 (Sigma or equivalent, maroon colour)



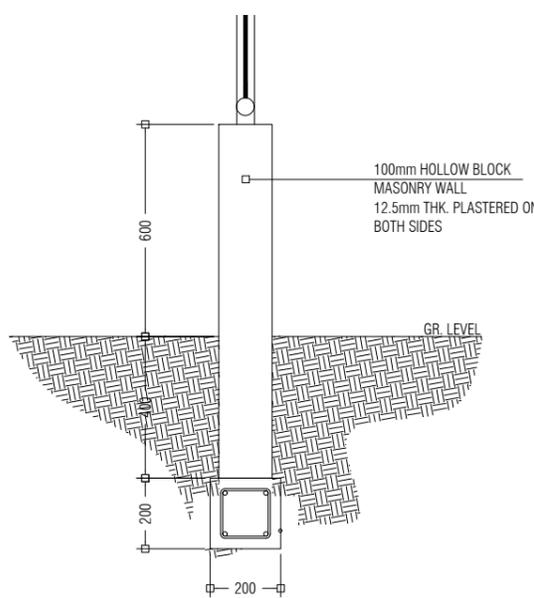
TRUSS DETAIL 1:20



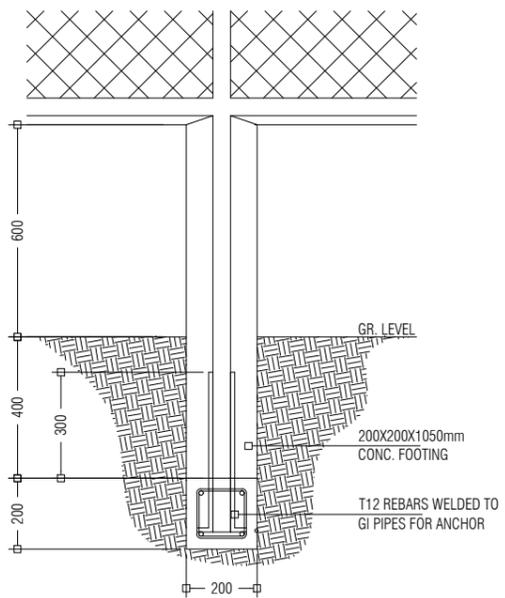
COLUMN AND TRUSS CONNECTION DETAIL 1:20



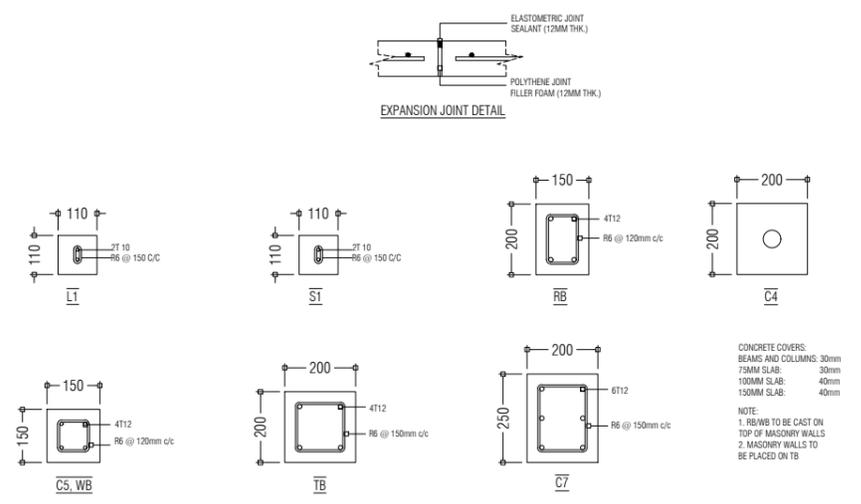
DETAIL A: RAMP DETAIL 1:50



BOUNDARY FENCE SIDE SECTIONAL DETAIL 1:20



BOUNDARY FENCE FRONT SECTIONAL DETAIL 1:20

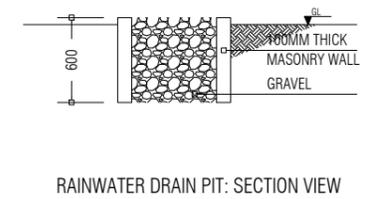
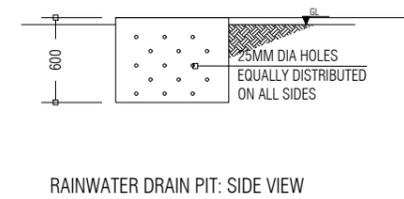
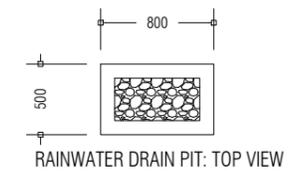
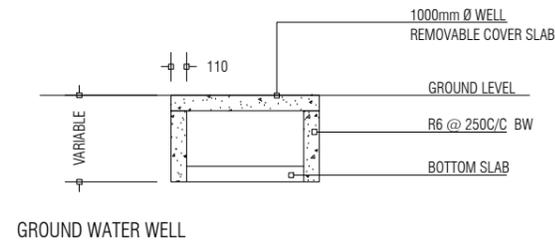
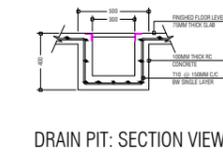
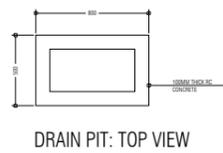
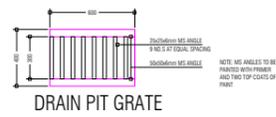


COLUMN, BEAM AND EXPANSION JOINT DETAILS 1:20

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

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 TH.THIMARAFUSHI	AFRAZ	EXPANSION JOINT DETAILS ADDED
	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.	THIM-D1-13(R)	
	DATE	23.10.2020	



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.THIMARAFUSHI

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

CLIENT DEPARTMENT
WMPC DEPARTMENT

PAPER SIZE A3
PAGE NO. 14

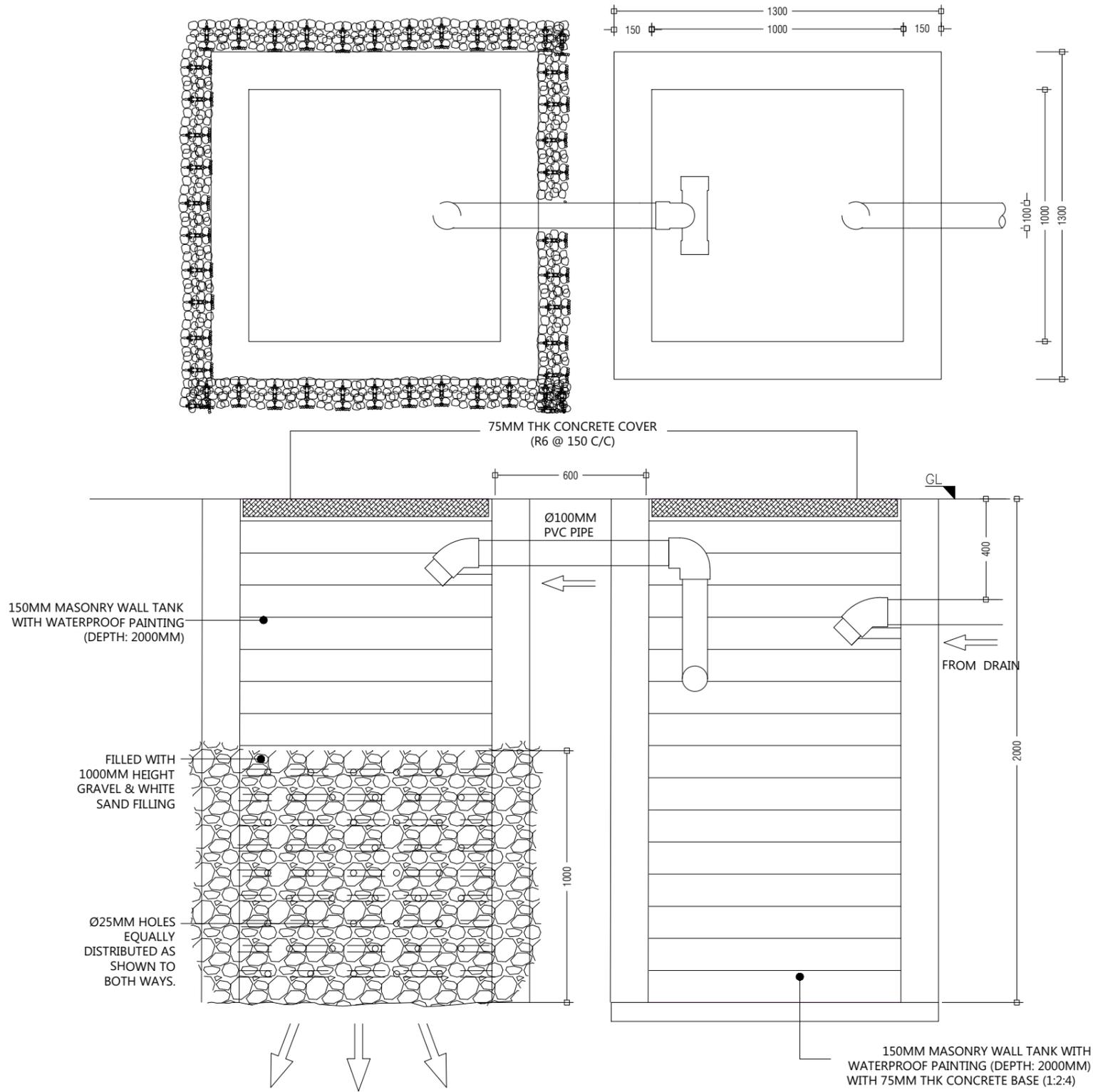
DESIGN BY
AFRAZ

STRUCTURE BY
AFRAZ

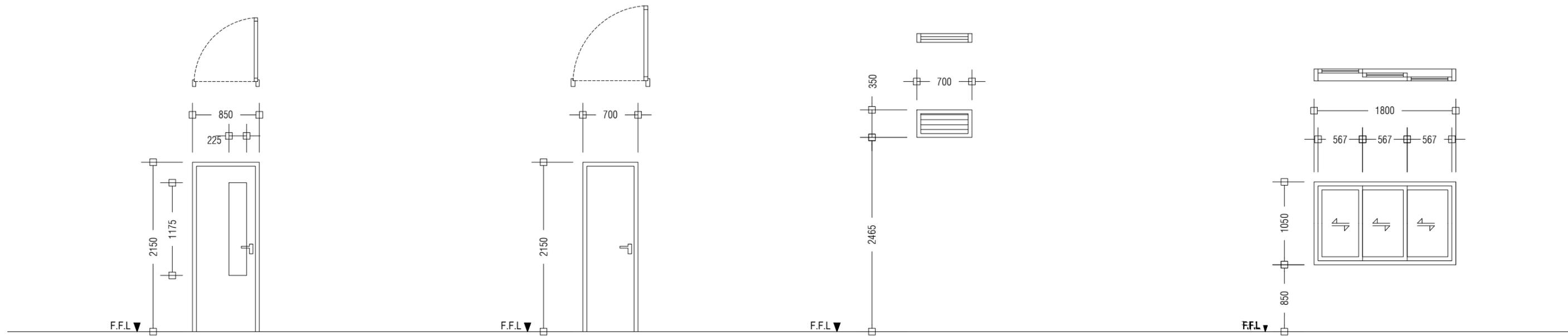
DRAWN BY
AFRAZ

SCALE 1:50
DWG NO. THIM-D1-14
DATE 03.10.2020

AMENDMENTS



PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
 MCEP MINISTRY OF ENVIRONMENT GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALÉ (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.THIMARAFUSHI	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.	THIM-D1-15	
	DATE	03.10.2020	

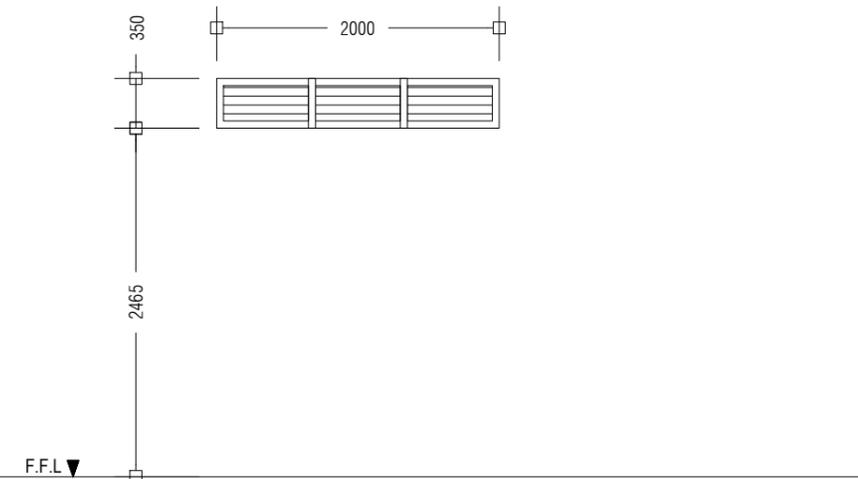


D2	SWING TYPE DOOR
REMARKS	ALUMINUM DOOR WITH CLEAR GLASS PANEL 01 DOOR KNOB WITH LOCK SET 04 HINGES DOOR STOPPER, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 04
OPEN AREA	1.83 m ²

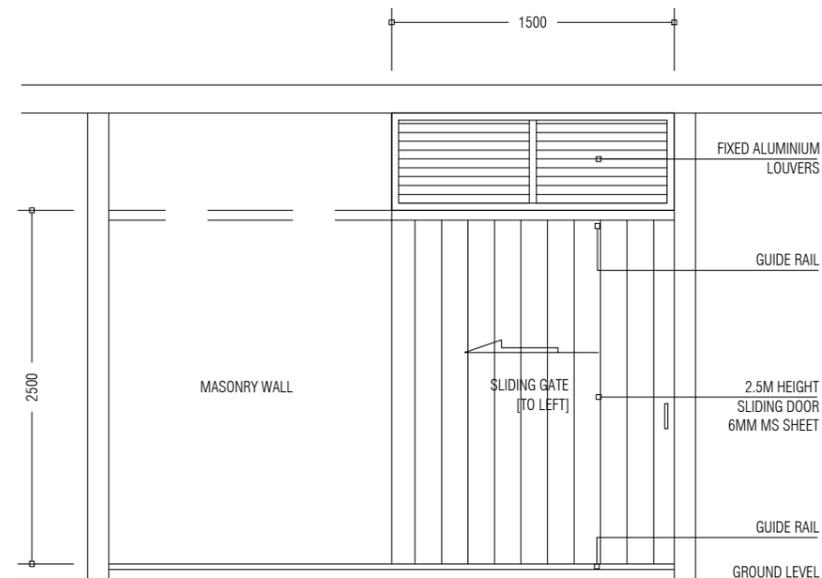
D3	SWING TYPE DOOR
REMARKS	ALUMINIUM DOOR WITH DOOR KNOB AND 1 LOCK SET 04 HINGES
LOCATION	GROUND FLOOR
QUANTITY	NO.S 01
OPEN AREA	1.51m ²

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

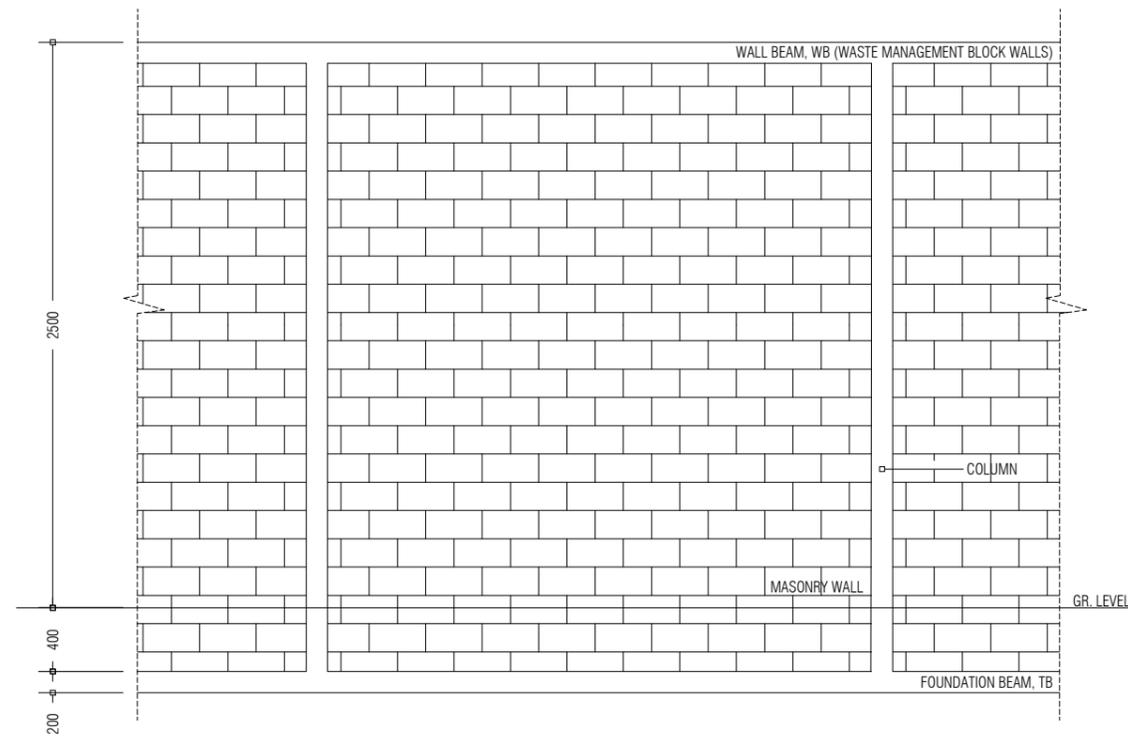


W3	ALUNINIUM LOUVER WINDOW
REMARKS	ALUMINUM FRAMED, ALUMINIUM LOUVERED, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 1
OPEN AREA	0.75 m ²

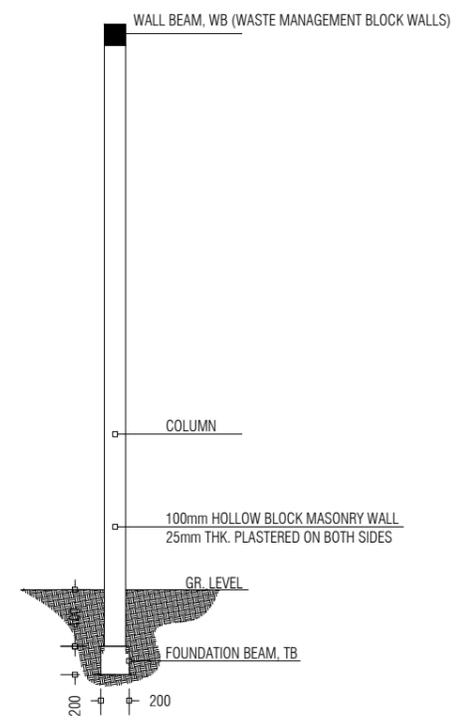


HAZADIOUS WASTE / STORE SD1

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.THIMARAFUSHI	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.	THIM-A2-16
		DATE	03.10.2020



2.5M HIGH WALL ELEVATION



2.5M HIGH WALL SECTION

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.THIMARAFUSHI	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. THIM-A2-17	
		DATE 03.10.2020	