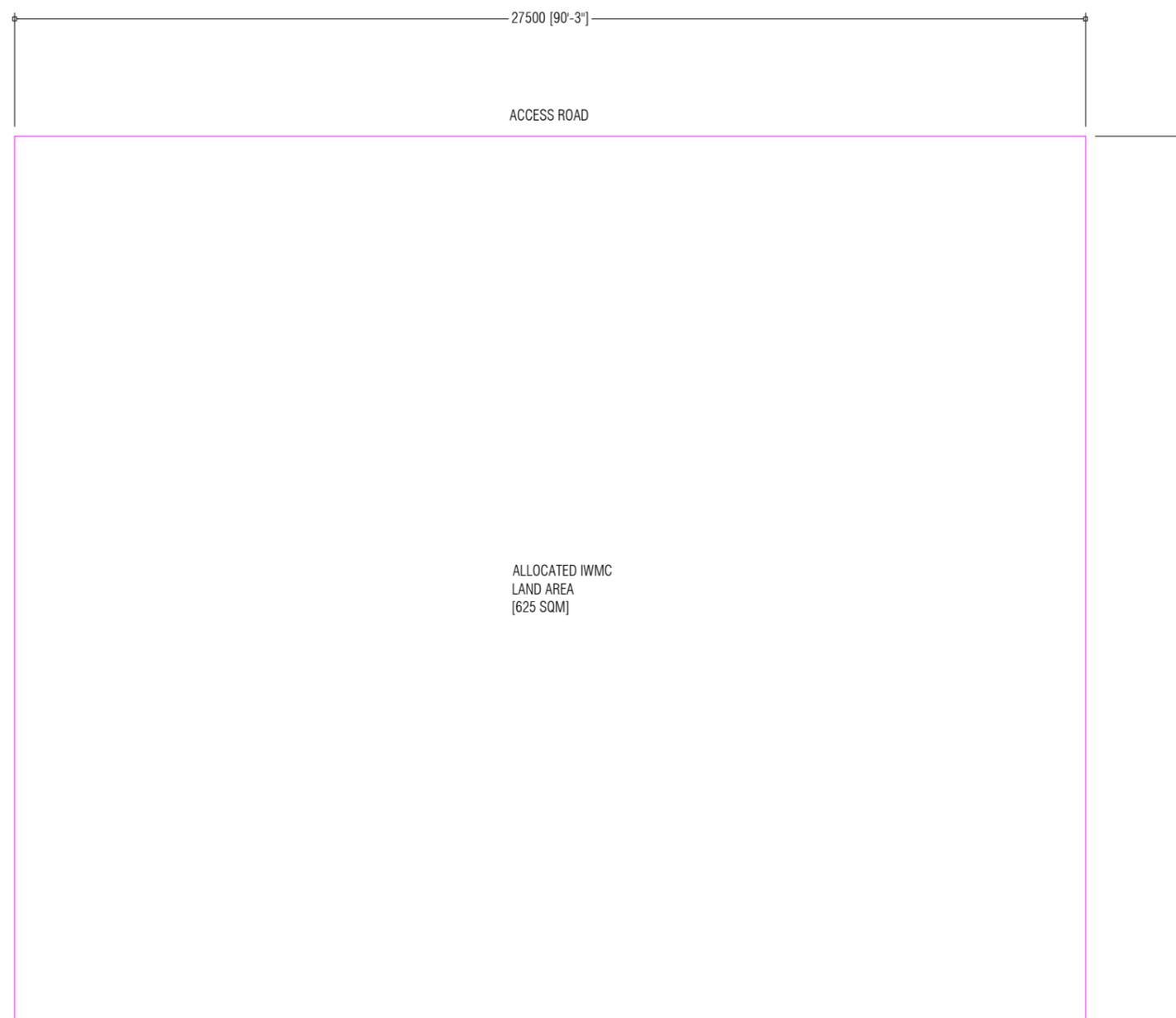


CONSTRUCTION OF TH.BURUNI ISLAND WASTE MANAGEMENT CENTRE



PREPARED BY:
MALDIVES CLEAN ENVIRONMENT PROJECT
MINISTRY OF ENVIRONMENT

NOVEMBER 2020



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.BURUNI

DESIGN BY

AFRAZ

AMENDMENTS

TITLE

LOCATION PLAN

STRUCTURE BY

AFRAZ

CLIENT DEPARTMENT

WMPC DEPARTMENT

DRAWN BY

AFRAZ

PAPER SIZE A3

SCALE

1:150

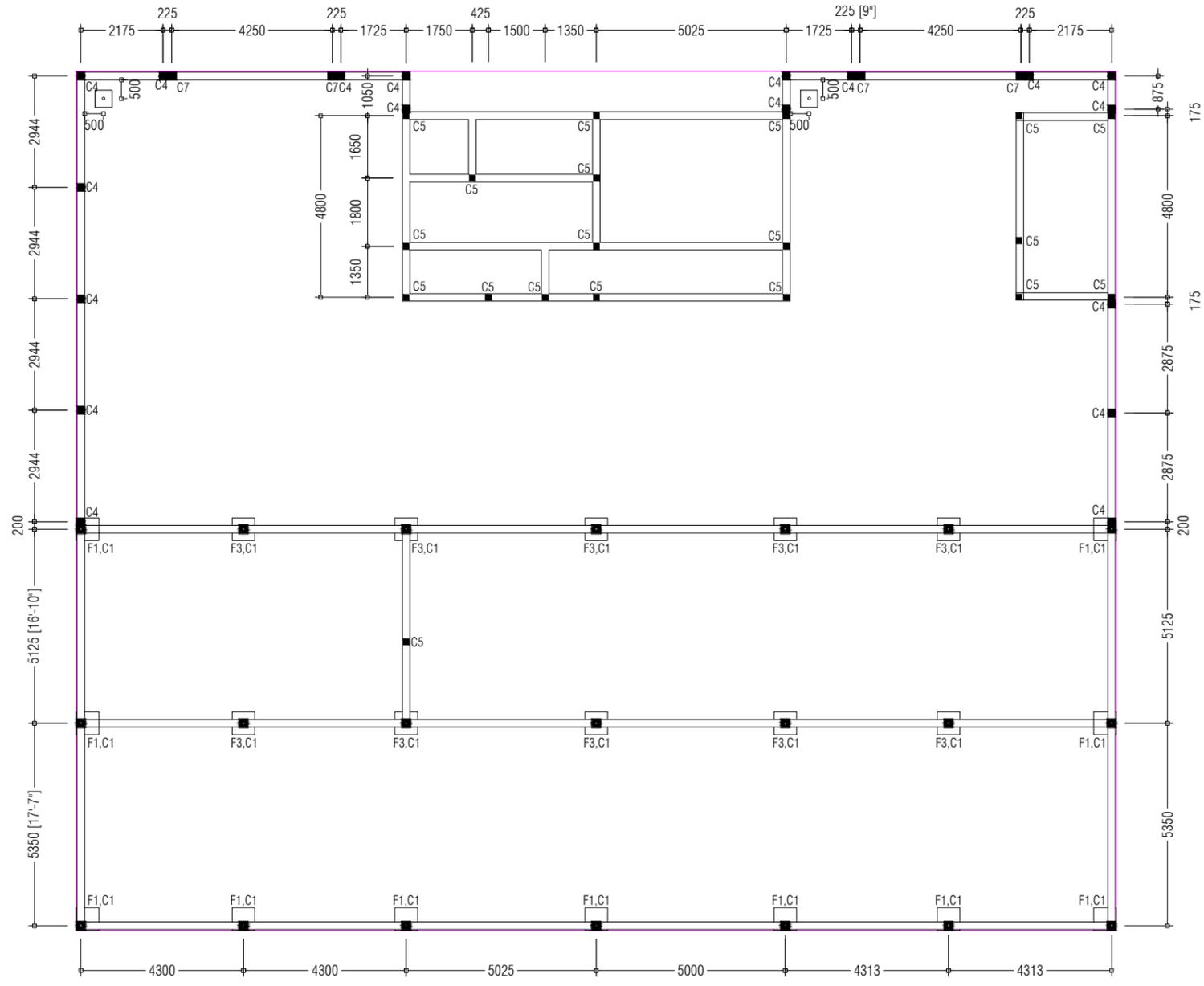
PAGE NO. 01

DWG NO.

BURU-A1-01

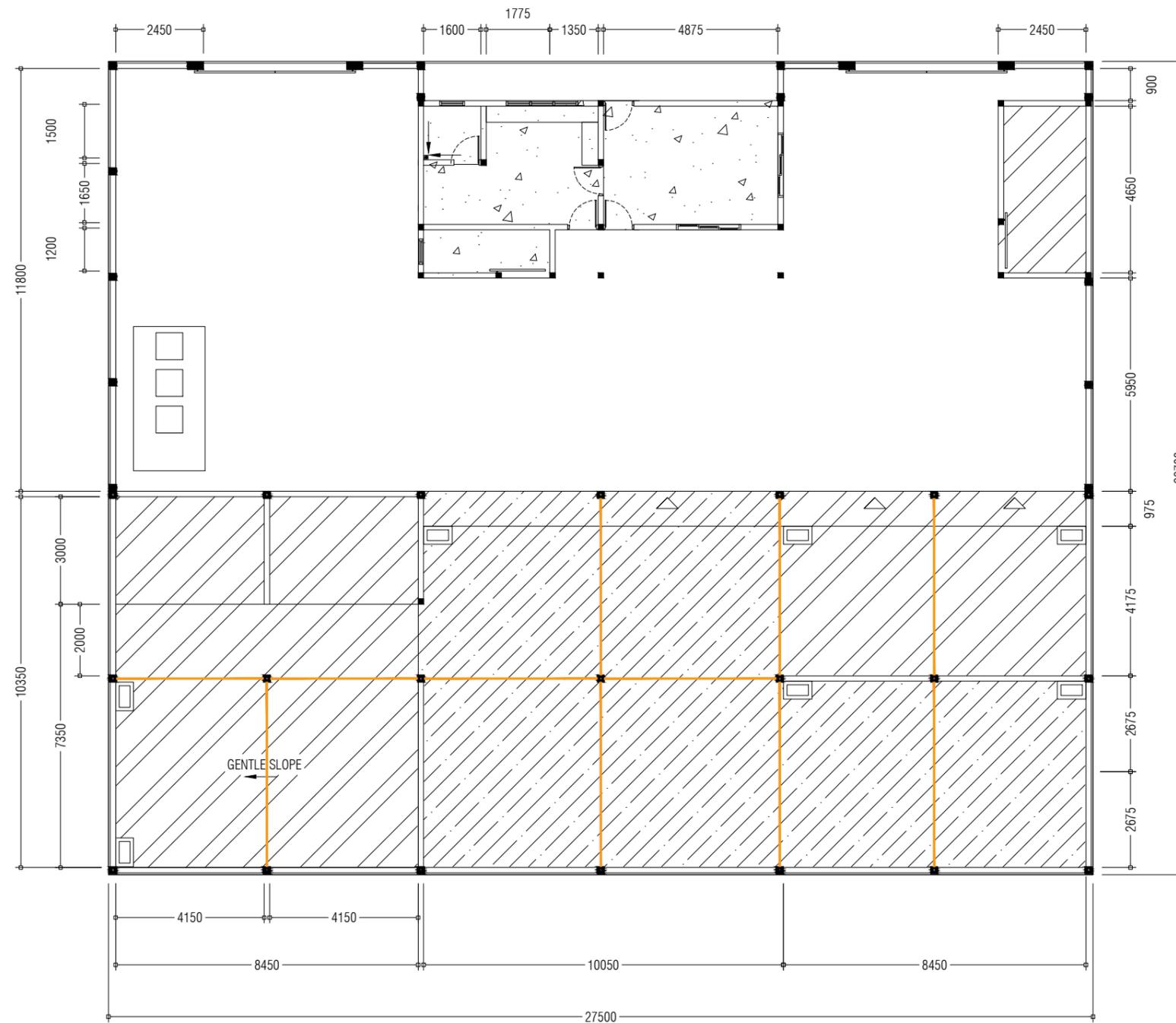
DATE

16.10.2020



NOTE:
 [Line] TIE BEAMS [200X200mm]
 [Square] 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.BURUNI	AFRAZ	
	FOUNDATION PLAN	AFRAZ	
	WMPC DEPARTMENT	AFRAZ	
	PAPER SIZE A3	SCALE 1:150	
	PAGE NO. 03	DWG NO. BURU-A1-03	
		DATE 16.10.2020	



NOTE:

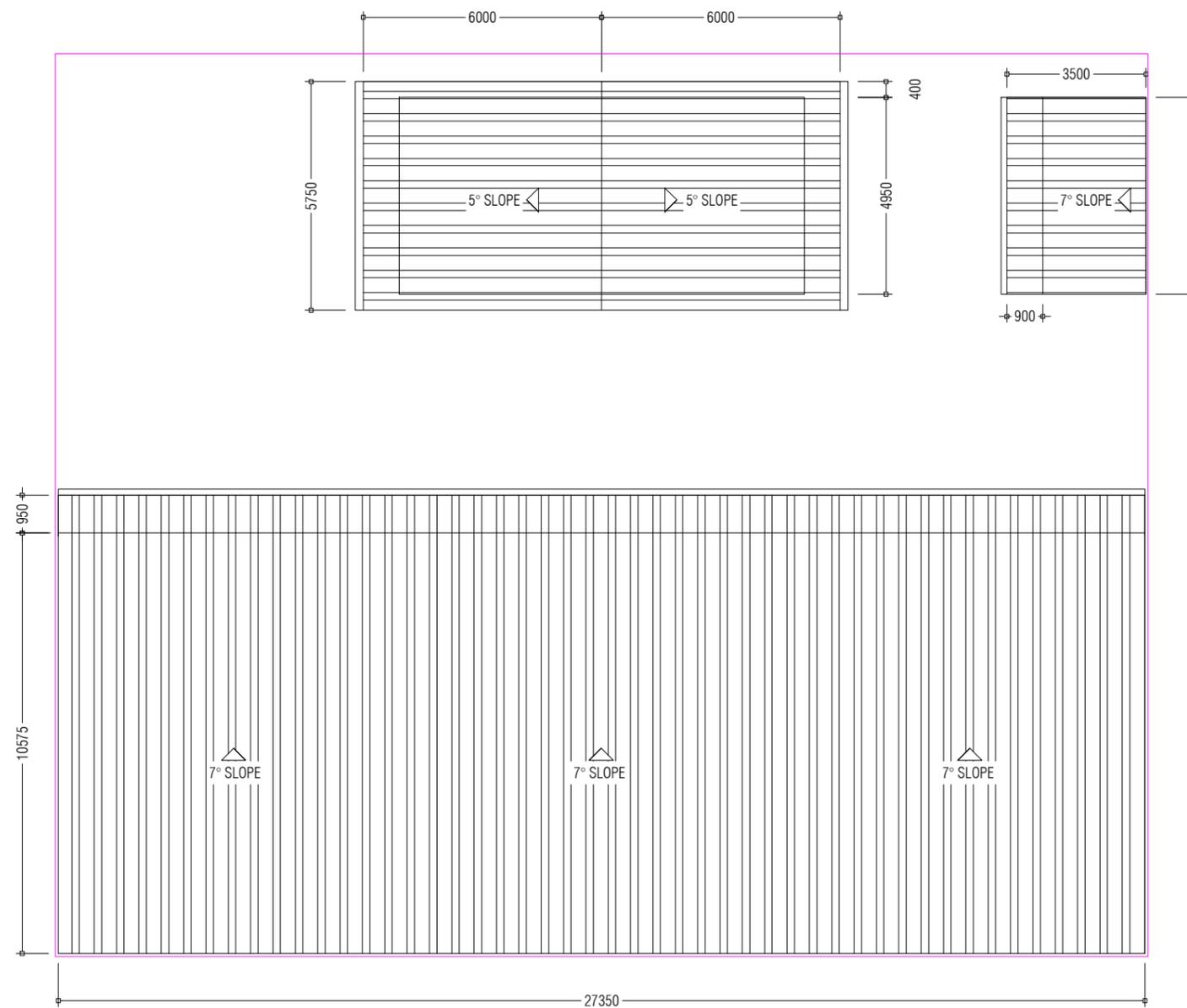
-  75mm FLOOR SLAB
-  100mm FLOOR SLAB
-  150mm FLOOR SLAB
-  EXPANSION JOINTS

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	DESIGN BY	AMENDMENTS
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.BURUNI	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. BURU-A1-04(R)	
	DATE 23.11.2020	



PREPARED BY

PROJECT
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.BURUNI

DESIGN BY
AFRAZ

AMENDMENTS

TITLE
ROOF PLAN

STRUCTURE BY
AFRAZ

CLIENT DEPARTMENT
WMPC DEPARTMENT

DRAWN BY
AFRAZ

PAPER SIZE A3

SCALE NTS

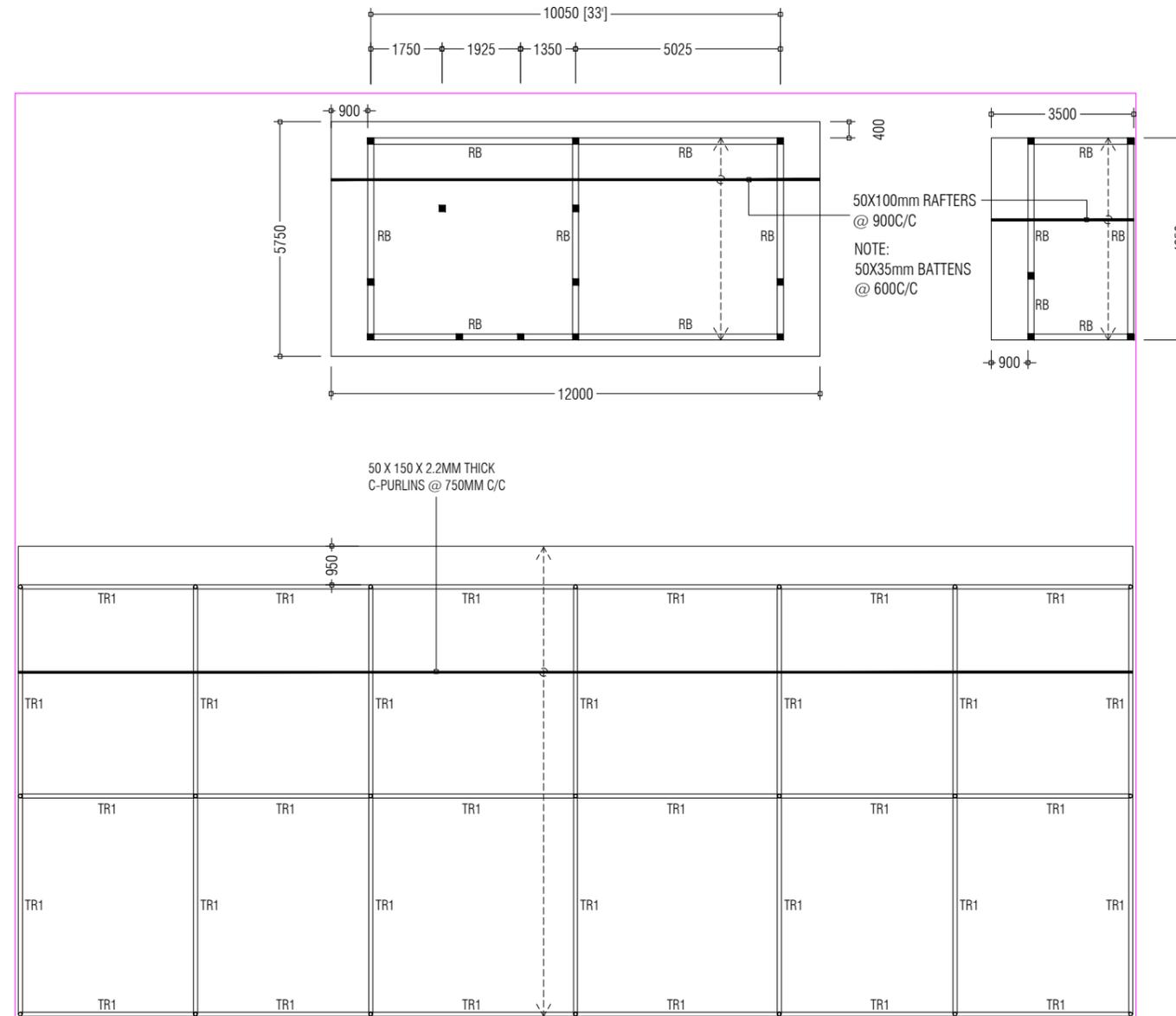
PAGE NO. 05

DWG NO. BURU-A1-05

DATE 16.10.2020



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

DESIGN BY

AMENDMENTS

CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.BURUNI

AFRAZ

TITLE

STRUCTURE BY

ROOF STRUCTURE PLAN

AFRAZ

CLIENT DEPARTMENT

DRAWN BY

WMPC DEPARTMENT

AFRAZ

PAPER SIZE A3

SCALE

NTS

PAGE NO. 06

DWG NO.

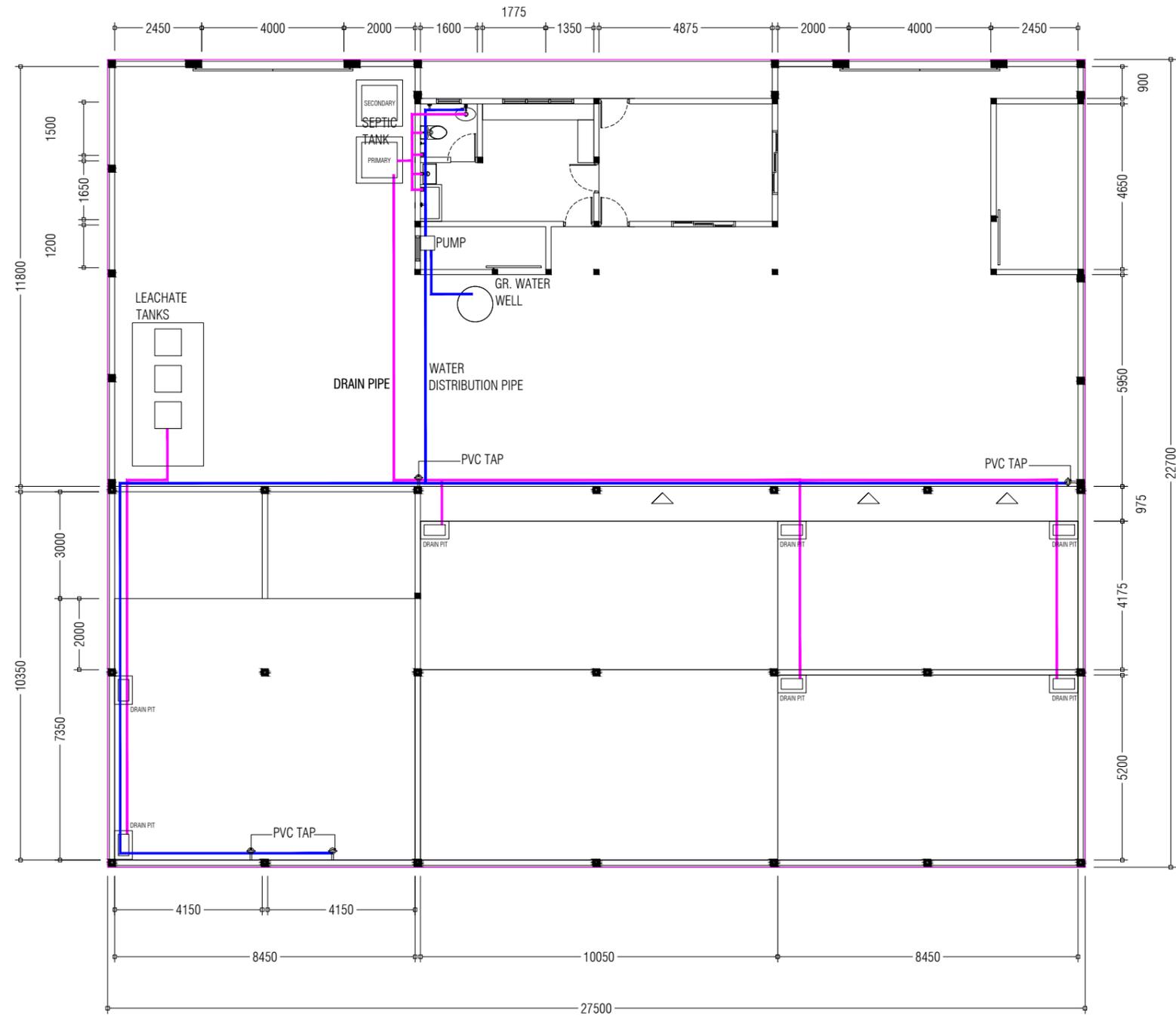
BURU-A1-06

DATE

16.10.2020



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



PREPARED BY

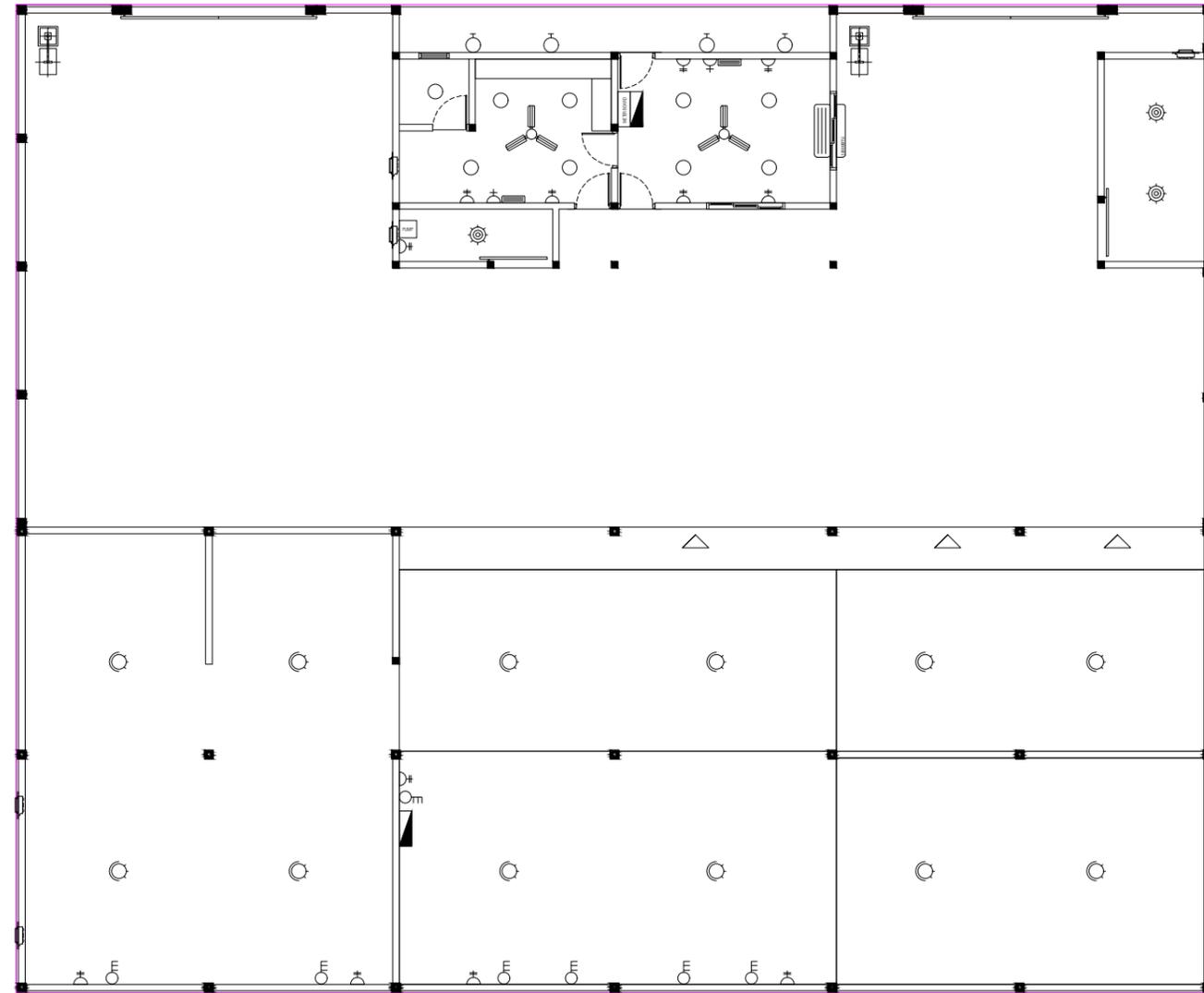


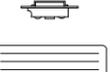
MCEP
 MINISTRY OF ENVIRONMENT
 GREEN BUILDING, HANDHUVAREE HIGUN,
 MAAFANNU, MALÉ (20392), REPUBLIC OF MALDIVES,
 TEL: +960-3018431, +960-3018300, FAX: +960-328301

PROJECT	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.BURUNI
TITLE	PLUMBING PLAN
CLIENT DEPARTMENT	WMPC DEPARTMENT
PAPER SIZE	A3
PAGE NO.	07

DESIGN BY	AFRAZ
STRUCTURE BY	AFRAZ
DRAWN BY	AFRAZ
SCALE	NTS
DWG NO.	BURU-A1-07
DATE	16.10.2020

AMENDMENTS



- 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) 

PREPARED BY

PROJECT
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.BURUNI

DESIGN BY
AFRAZ

AMENDMENTS

TITLE
ELECTRICAL PLAN

STRUCTURE BY
AFRAZ

CLIENT DEPARTMENT
WMPC DEPARTMENT

DRAWN BY
AFRAZ

PAPER SIZE A3

SCALE NTS

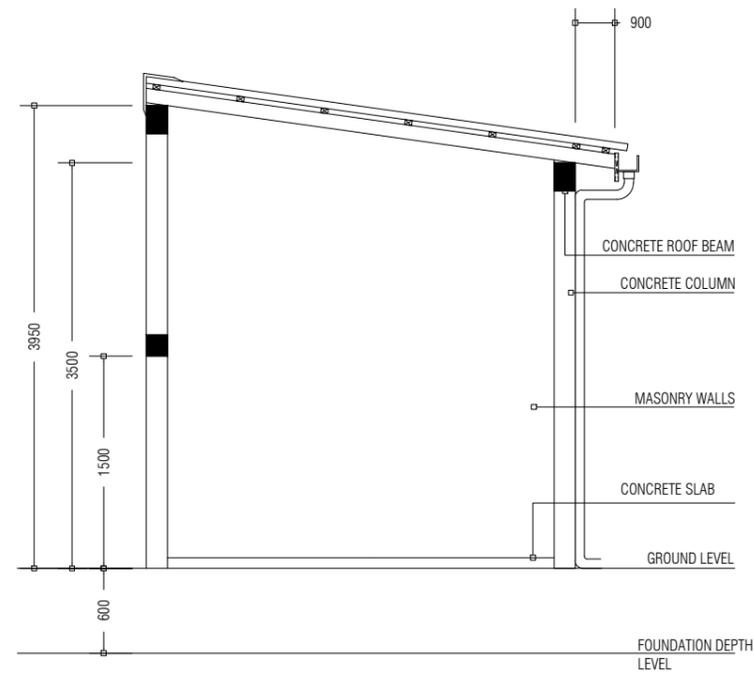
PAGE NO. 08

DWG NO. BURU-A1-08

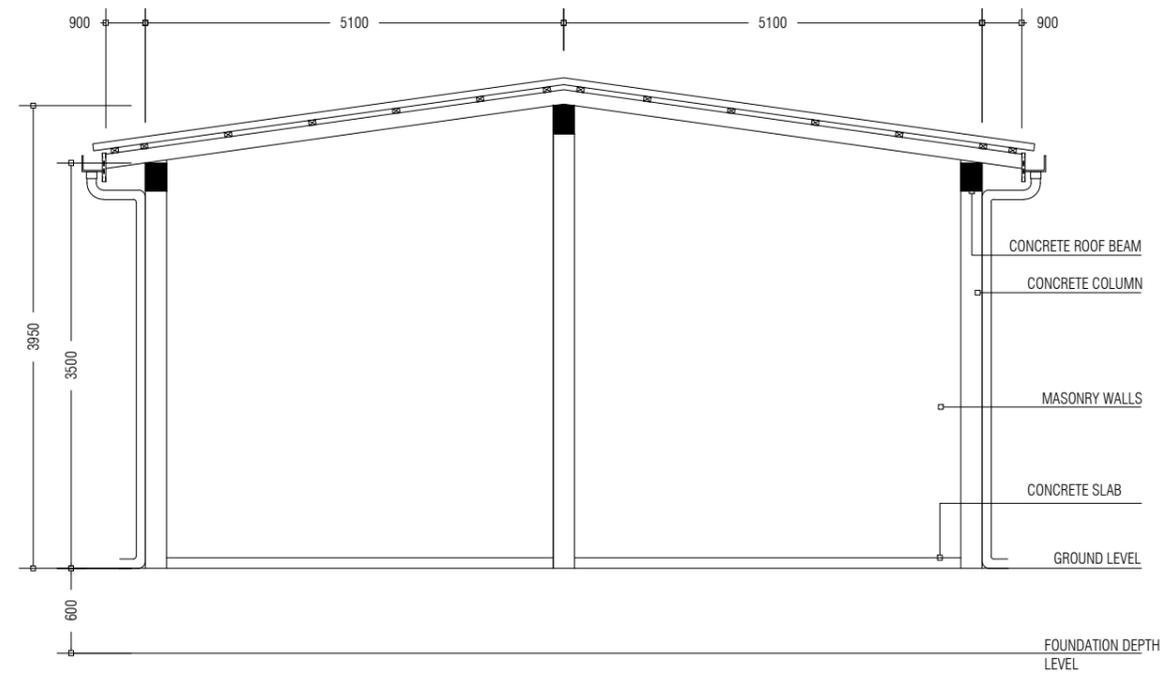
DATE 16.10.2020



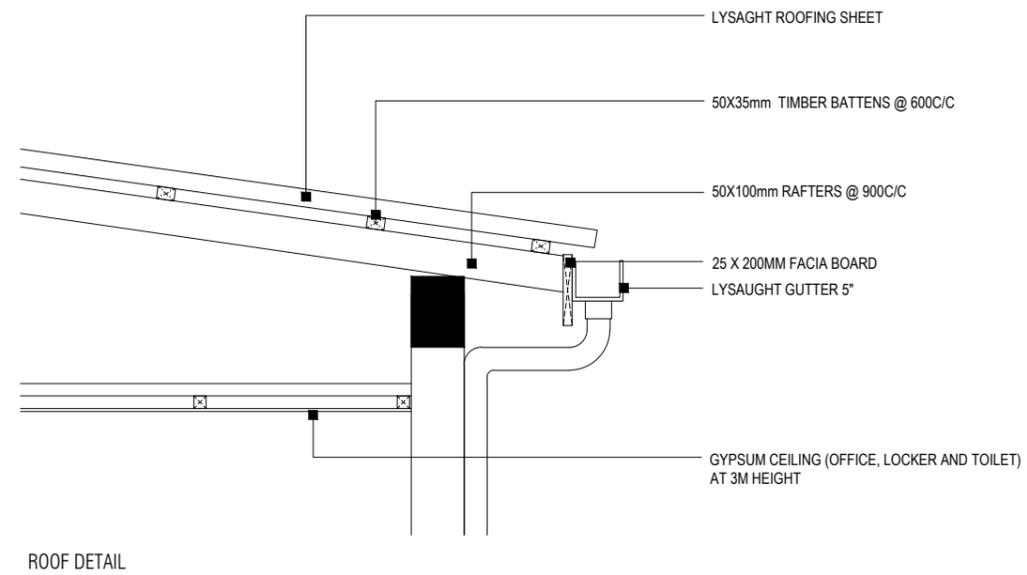
MCEP
MINISTRY OF ENVIRONMENT
GREEN BUILDING, HANDHUVAREE HIGUNI,
MAAFANNU, MALE (20392), REPUBLIC OF MALDIVES.
TEL: +960-3018431, +960-3018300, FAX: +960-328301



HAZARDOUS WASTE STORAGE BUILDING SECTION



OFFICE / LOCKER BUILDING SECTION



ROOF DETAIL

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.BURUNI

TITLE
ELEVATIONS AND SECTIONS

CLIENT DEPARTMENT
WMPC DEPARTMENT

PAPER SIZE A3
PAGE NO. 09

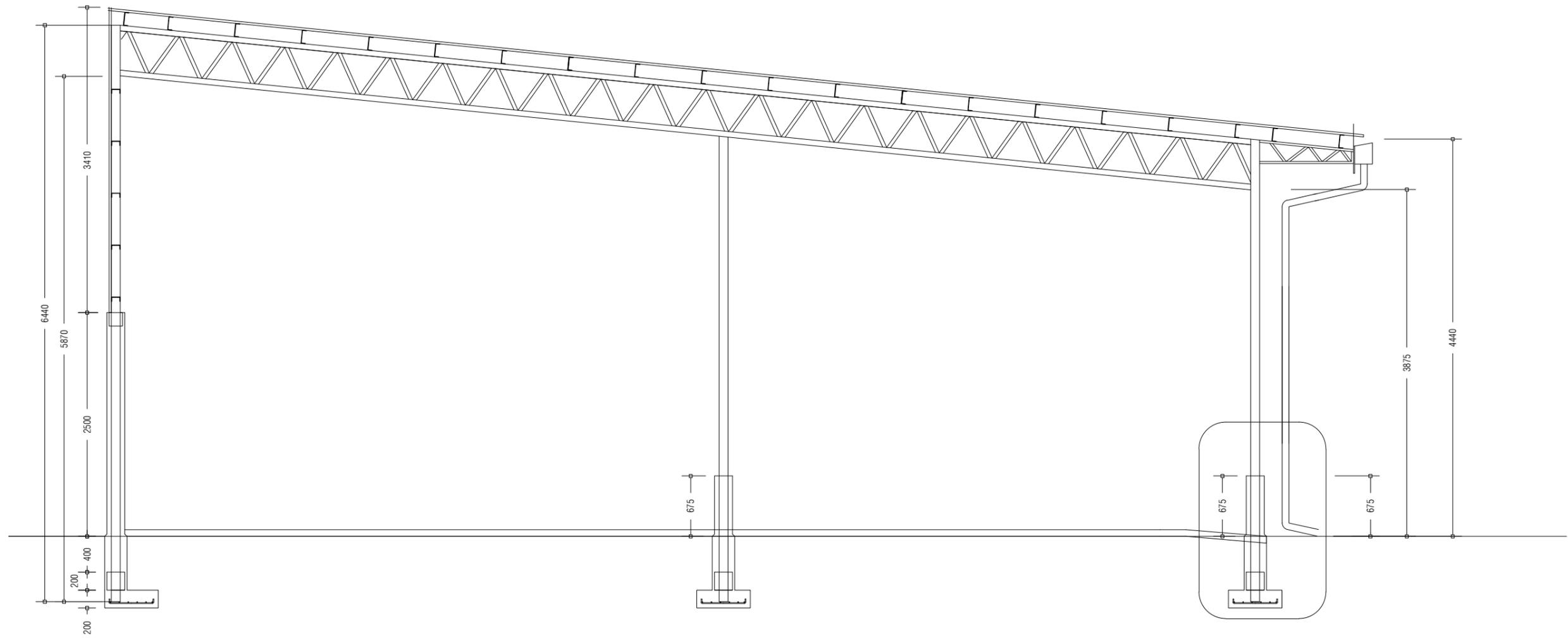
DESIGN BY
AFRAZ

STRUCTURE BY
AFRAZ

DRAWN BY
AFRAZ

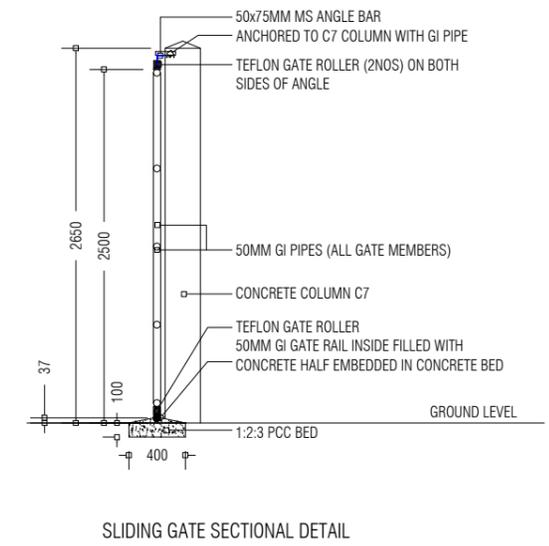
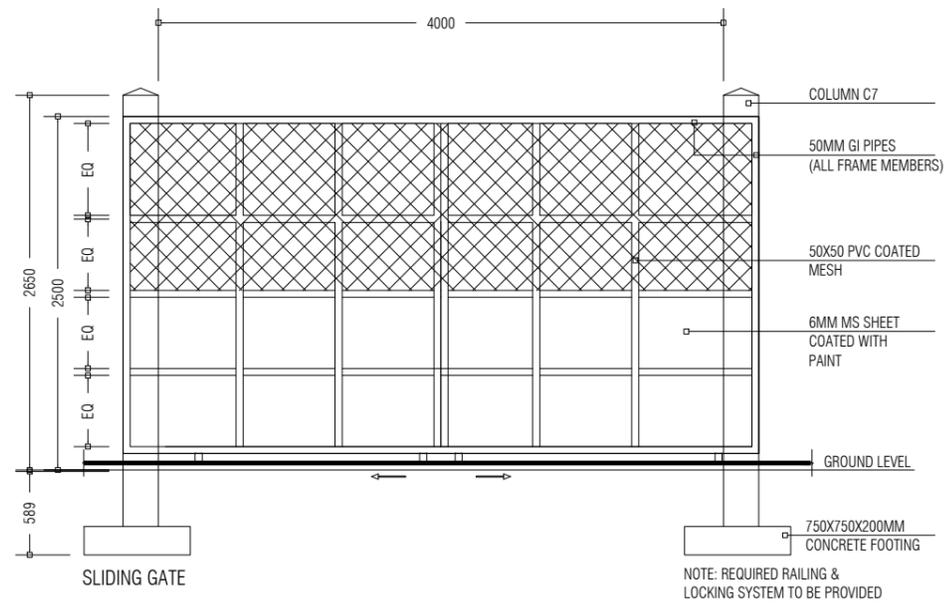
SCALE NTS
DWG NO. BURU-A2-09
DATE 16.10.2020

AMENDMENTS

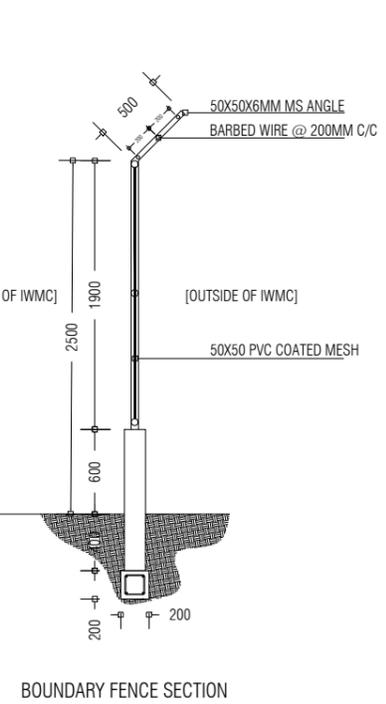
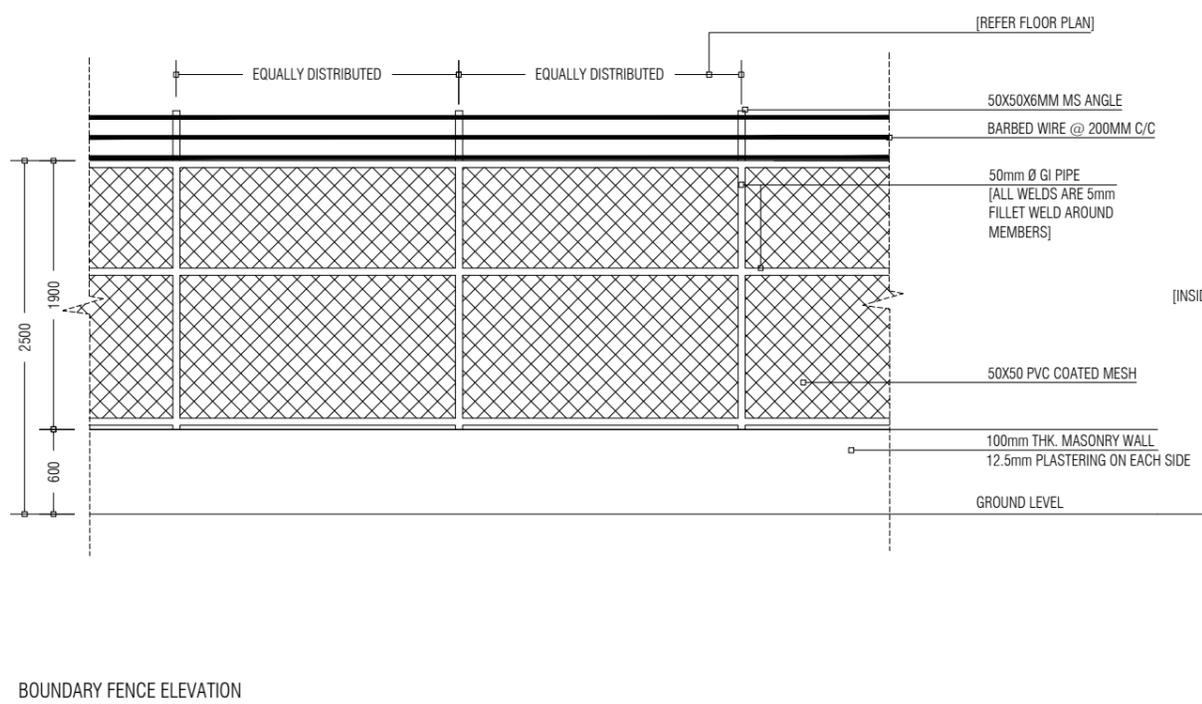


WASTE MANAGEMENT BAY SECTION

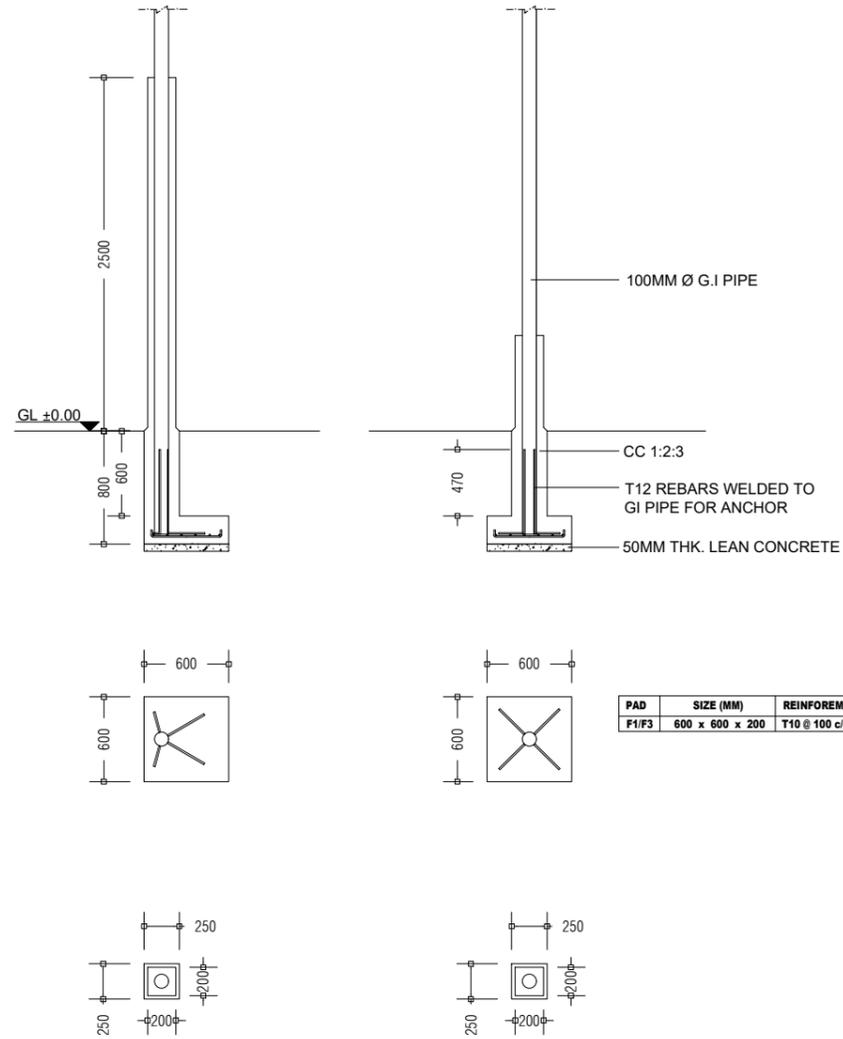
PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.BURUNI	AFRAZ	
	TITLE	STRUCTURE BY	
	ELEVATIONS AND SECTIONS	AFRAZ	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	AFRAZ	
PAPER SIZE	A3	SCALE	NTS
PAGE NO.	10	DWG NO.	BURU-A2-10
		DATE	16.10.2020



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.BURUNI	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.	BURU-A2-11	
	DATE	16.10.2020	



FOOTING DETAILS 1:50

PREPARED BY

PROJECT
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.BURUNI

DESIGN BY
AFRAZ

AMENDMENTS

TITLE
FOOTING DETAILS

STRUCTURE BY
AFRAZ

CLIENT DEPARTMENT
WMPC DEPARTMENT

DRAWN BY
AFRAZ

PAPER SIZE A3

SCALE 1:50

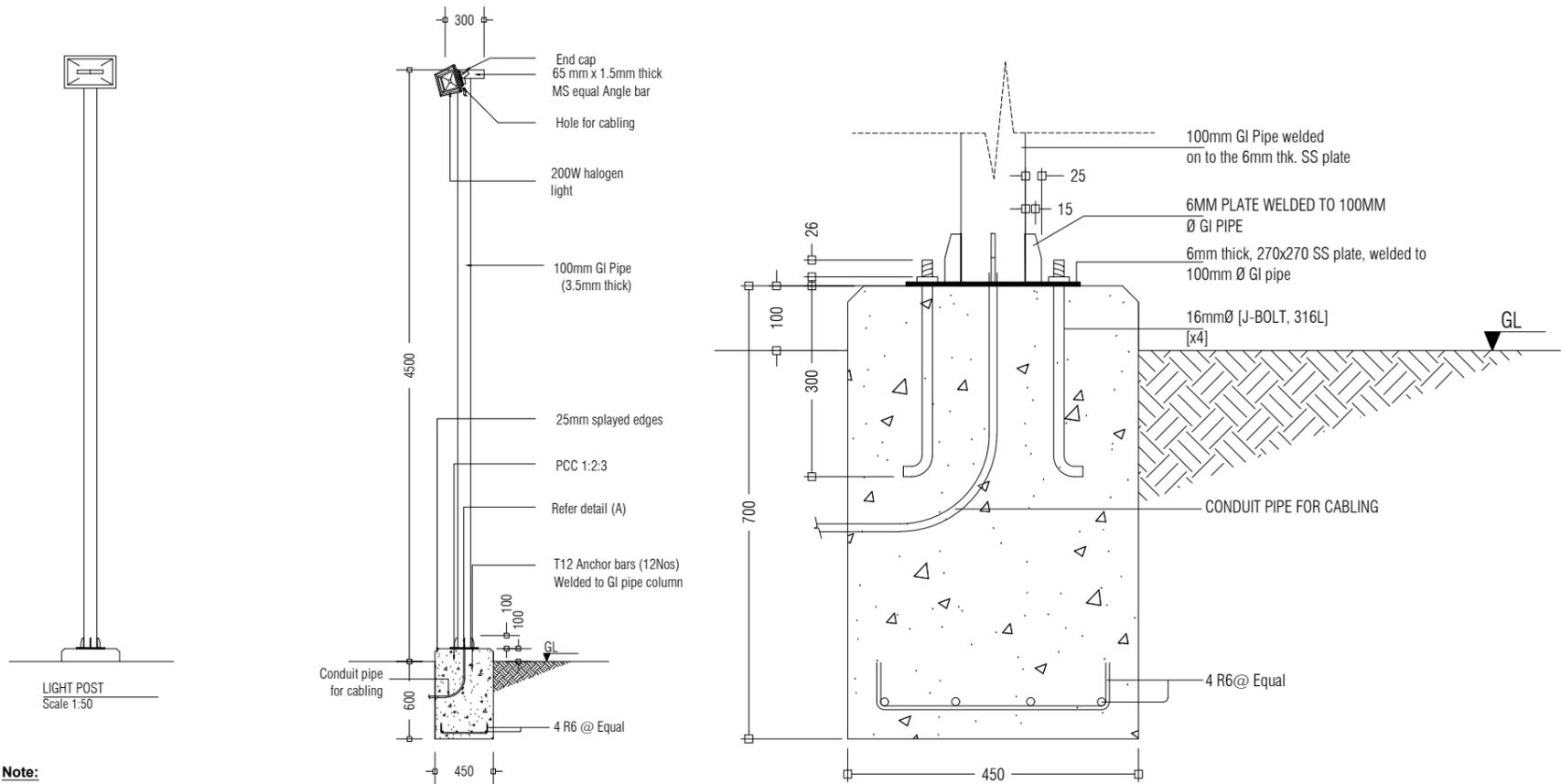
PAGE NO. 12

DWG NO. BURU-D1-12

DATE 16.10.2020



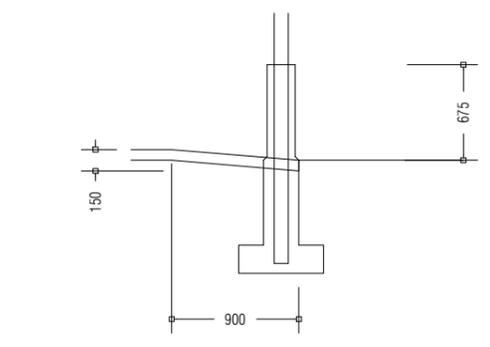
MCEP
MINISTRY OF ENVIRONMENT
GREEN BUILDING, HANDHUVAREE HIGUN,
MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES,
TEL: +960-3018431, +960-3018300, FAX: +960-328301



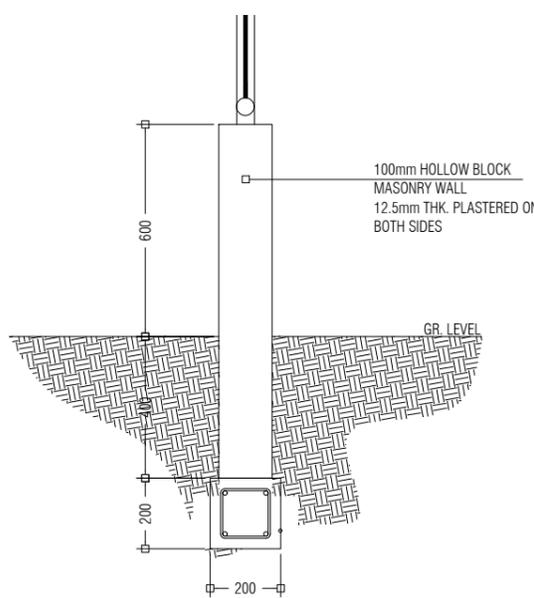
LIGHT POST DETAIL
Scale 1:50

LIGHT POST FOUNDATION FOOTING DETAIL 1:10

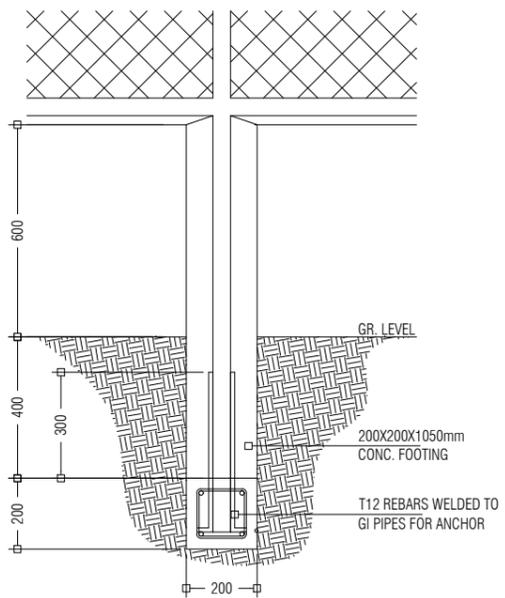
Note:
 * Concrete cover: 50mm
 * GI pipe to be painted with 1 coat of sealer & 2 coats of finishing paint.
 (Sigma or equivalent, maroon colour)



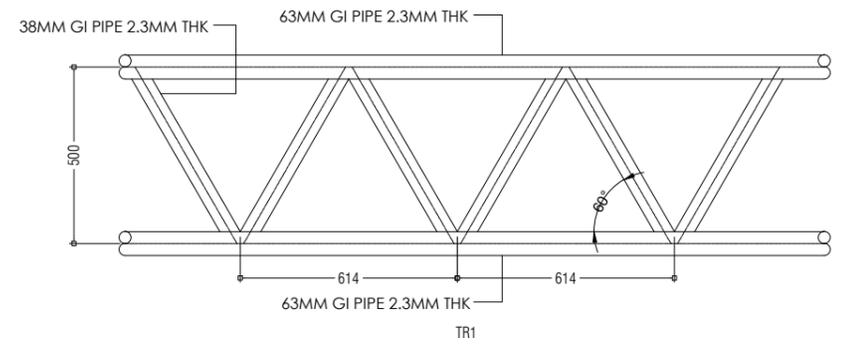
DETAIL A: RAMP DETAIL 1:50



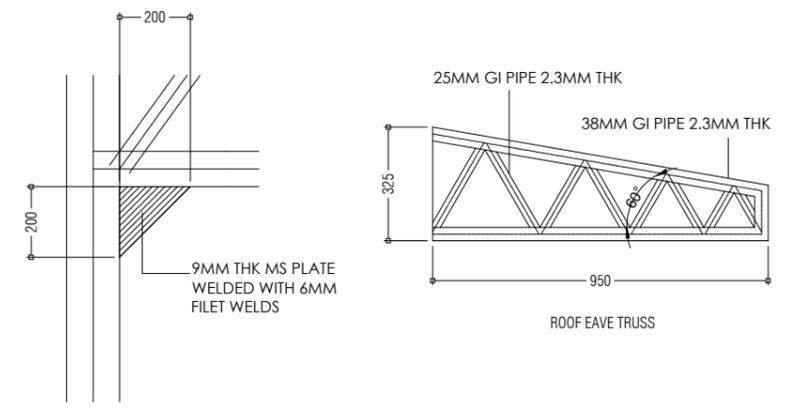
BOUNDARY FENCE SIDE SECTIONAL DETAIL 1:20



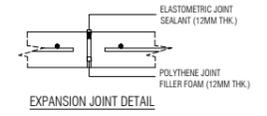
BOUNDARY FENCE FRONT SECTIONAL DETAIL 1:20



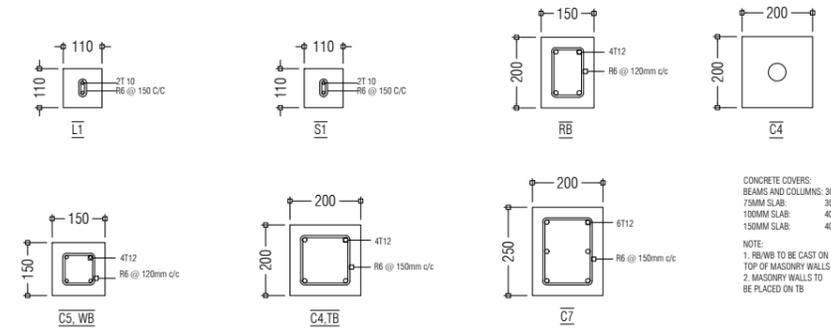
TRUSS DETAIL 1:20



COLUMN AND TRUSS CONNECTION DETAIL 1:20



EXPANSION JOINT DETAIL

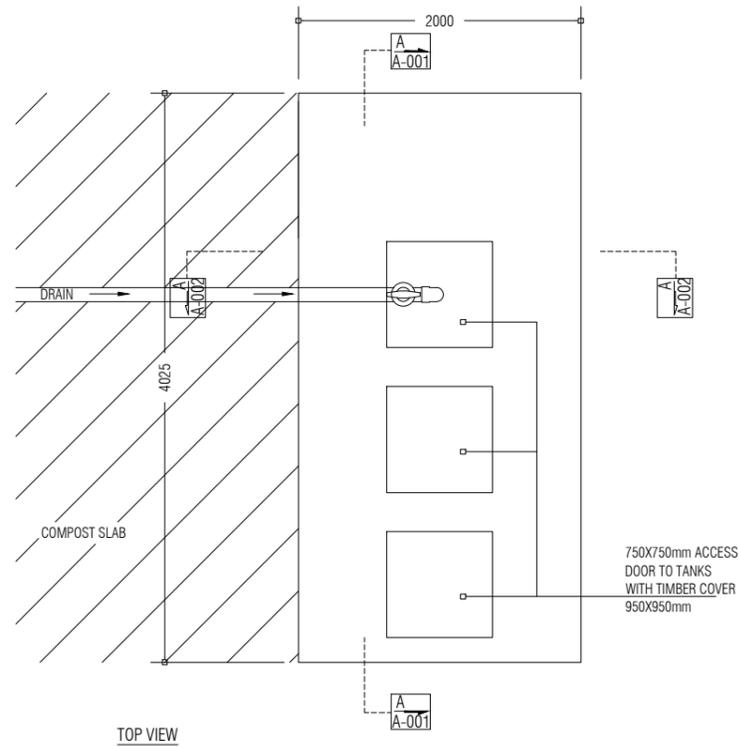


COLUMN, BEAM AND EXPANSION JOINT DETAILS 1:20

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

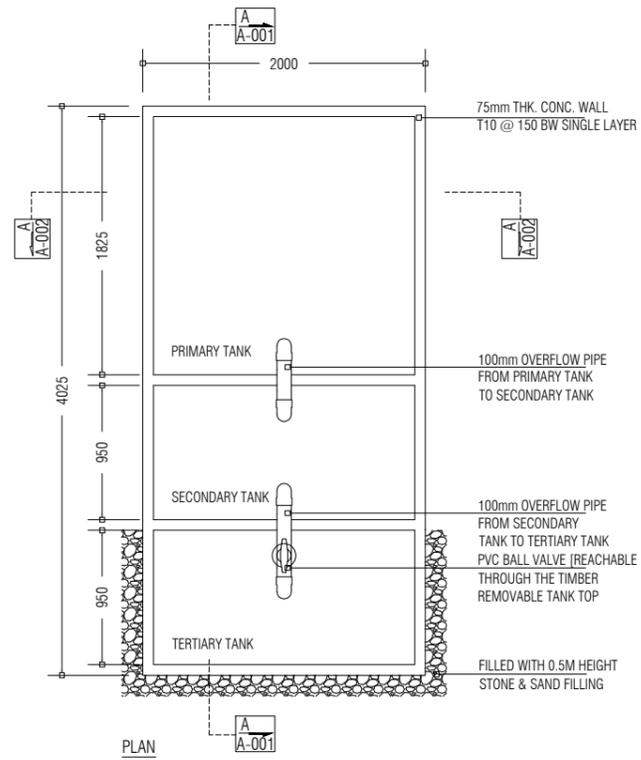
PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.BURUNI	AFRAZ	EXPANSION JOINT DETAILS ADDED ROOF EAVE TRUSS DETAILS ADDED
	TITLE	STRUCTURE BY	
	STRUCTURAL DETAILS	AFRAZ	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	AFRAZ	
PAPER SIZE	A3	SCALE	1:50, 1:20, 1:10
PAGE NO.	13	DWG NO.	BURU-D1-13(R)
		DATE	23.11.2020



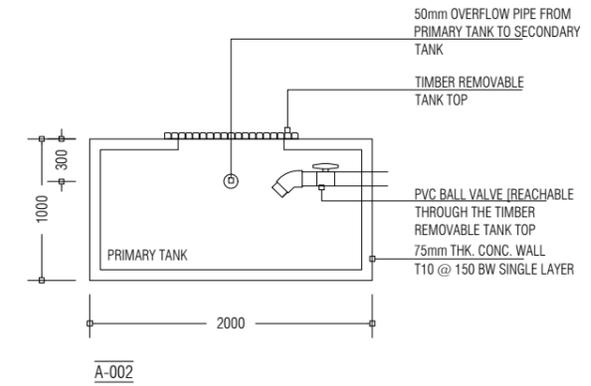


TOP VIEW

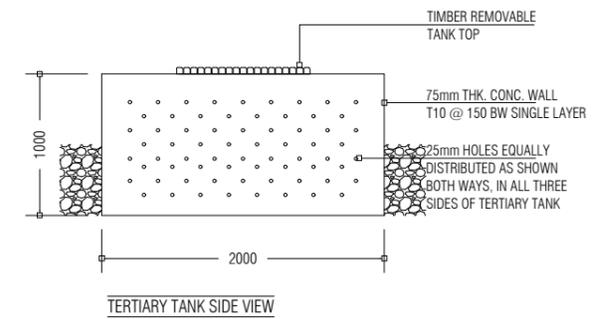
LEACHATE WELL



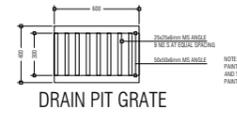
PLAN



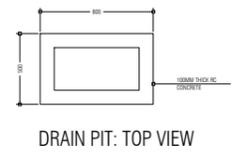
A-002



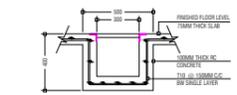
TERTIARY TANK SIDE VIEW



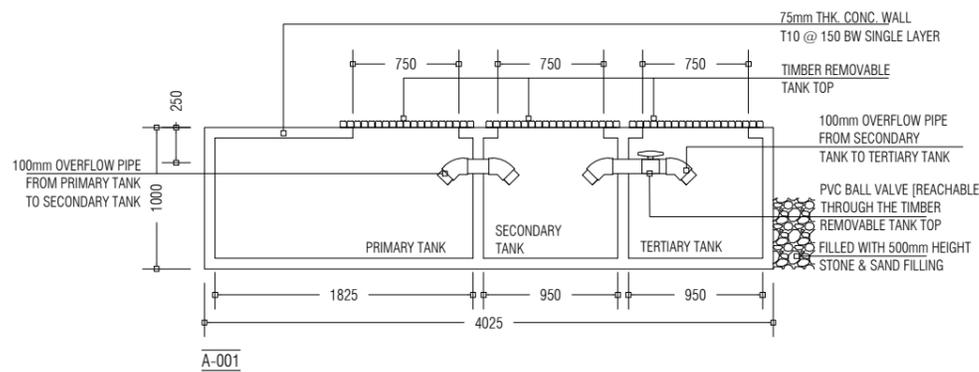
DRAIN PIT GRATE



DRAIN PIT: TOP VIEW

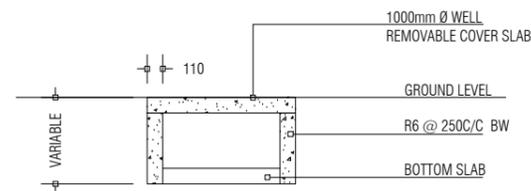


DRAIN PIT: SECTION VIEW

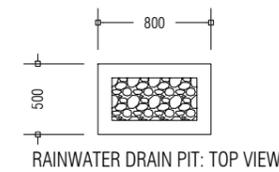


A-001

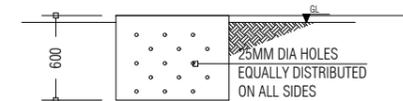
LEACHATE WELL



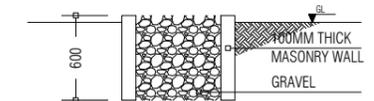
GROUND WATER WELL



RAINWATER DRAIN PIT: TOP VIEW



RAINWATER DRAIN PIT: SIDE VIEW



RAINWATER DRAIN PIT: SECTION VIEW

PREPARED BY

PROJECT
CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE
TH.BURUNI

DESIGN BY

AFRAZ

AMENDMENTS



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

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

STRUCTURE BY

AFRAZ

CLIENT DEPARTMENT

DRAWN BY

WMPC DEPARTMENT

AFRAZ

PAPER SIZE A3

SCALE

1:50

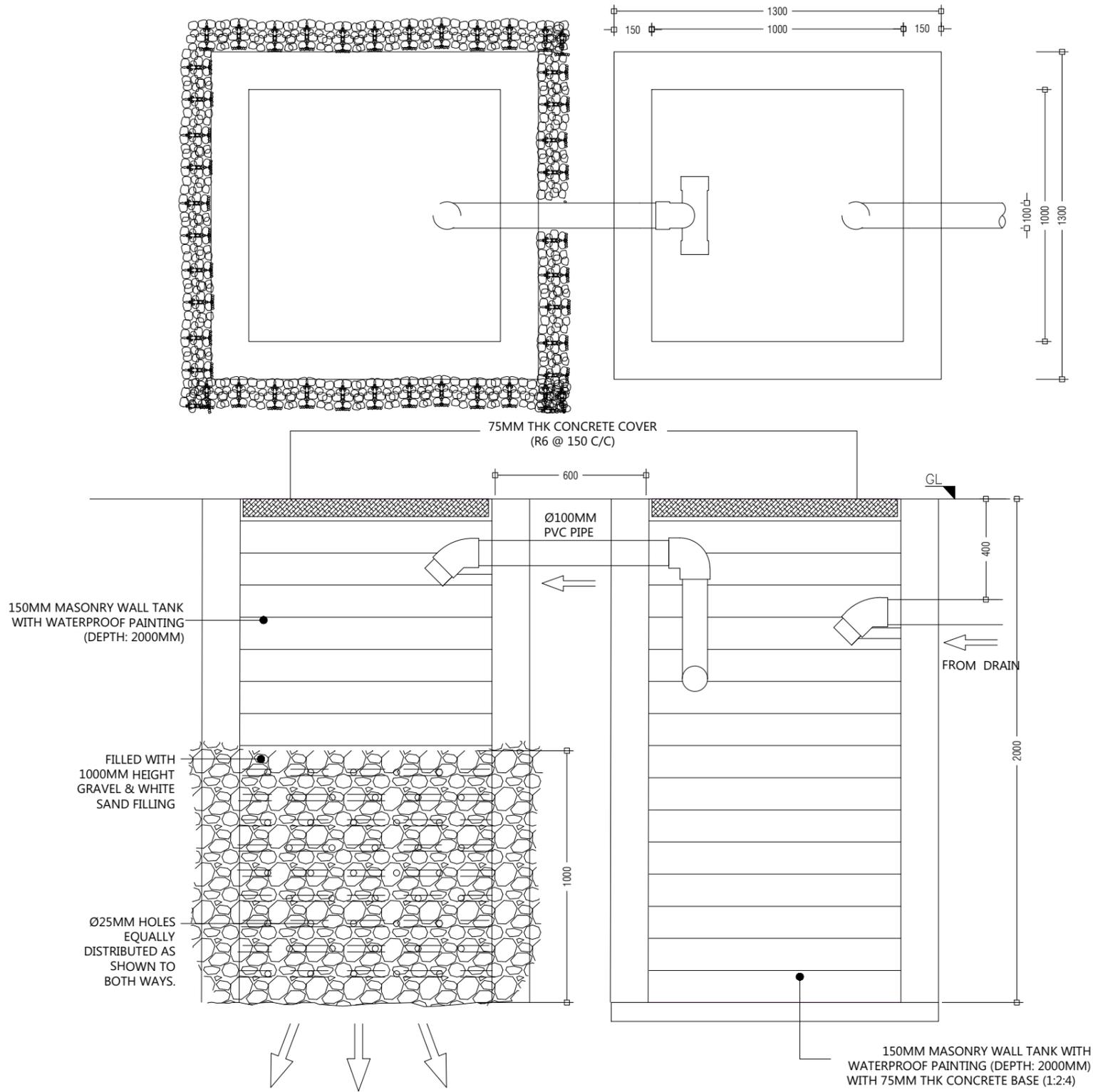
PAGE NO. 14

DWG NO.

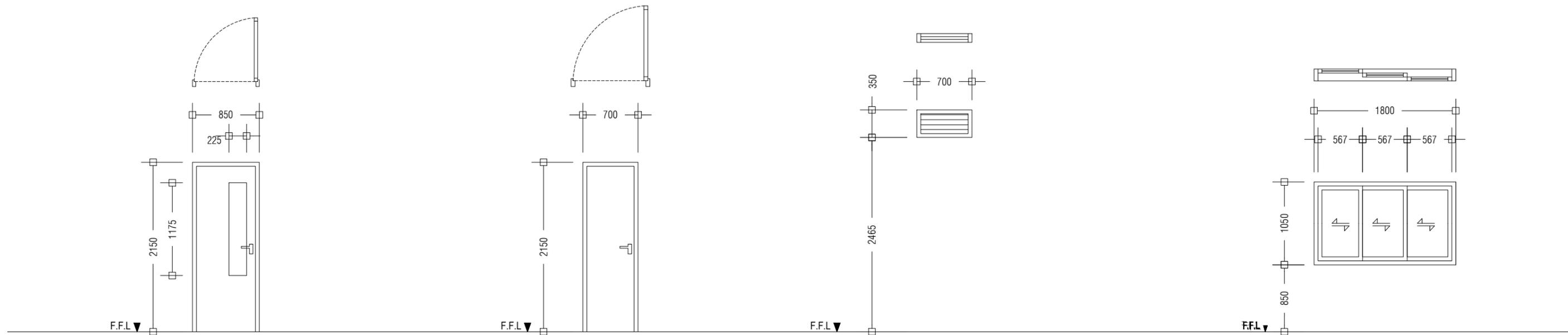
BURU-D1-14

DATE

16.10.2020



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.BURUNI	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.	BURU-D1-15	
		DATE	16.10.2020	

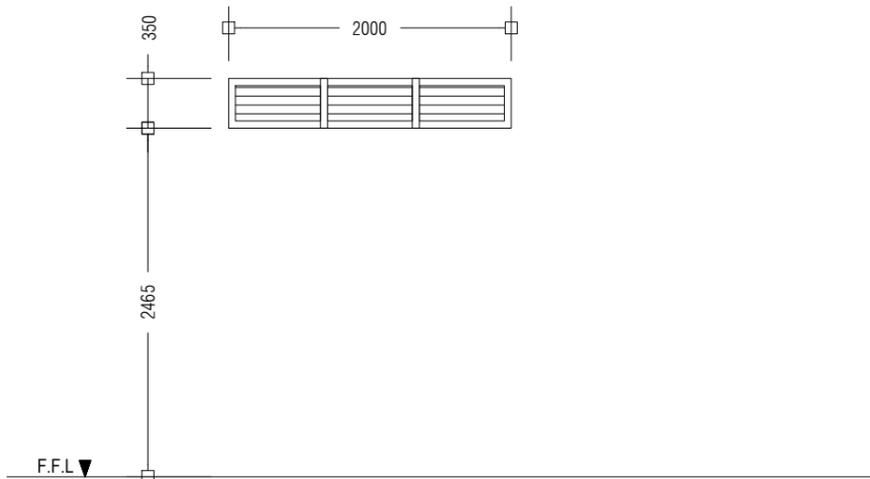


D2	SWING TYPE DOOR
REMARKS	ALUMINUM DOOR WITH CLEAR GLASS PANEL 01 DOOR KNOB WITH LOCK SET 04 HINGES DOOR STOPPER, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 04
OPEN AREA	1.83 m ²

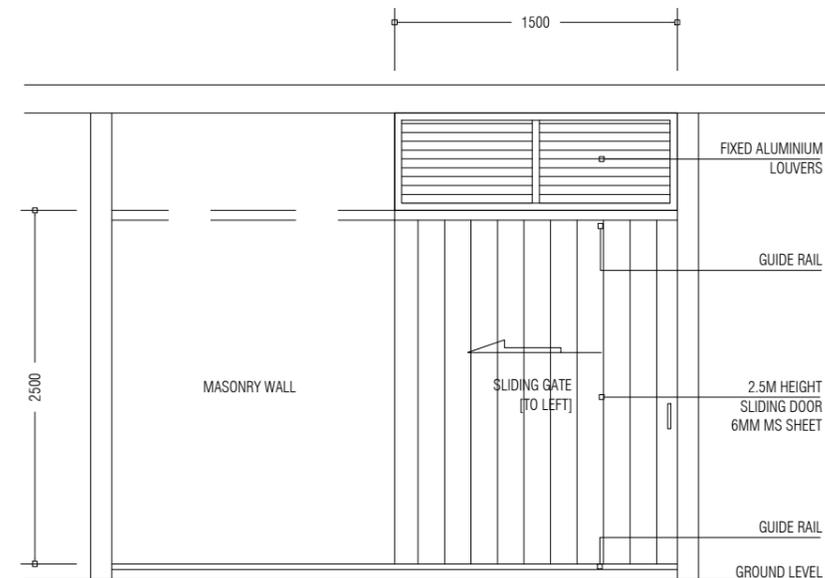
D3	SWING TYPE DOOR
REMARKS	ALUMINIUM DOOR WITH DOOR KNOB AND 1 LOCK SET 04 HINGES
LOCATION	GROUND FLOOR
QUANTITY	NO.S 01
OPEN AREA	1.51m ²

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

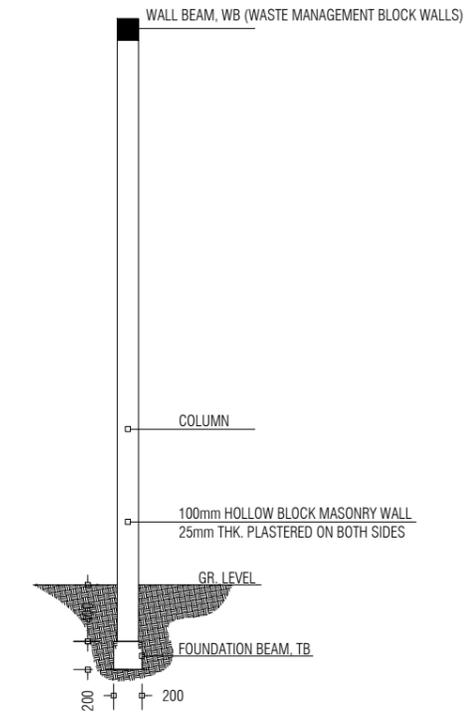
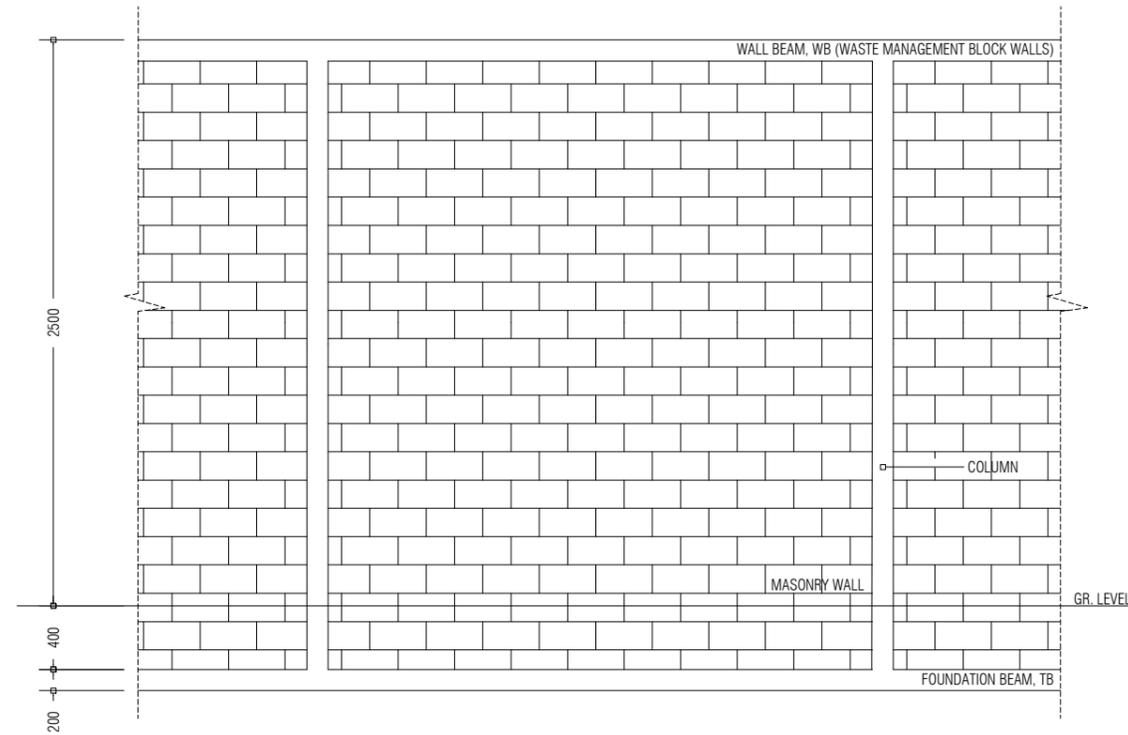


W3	ALUNINIUM LOUVER WINDOW
REMARKS	ALUMINUM FRAMED, ALUMINIUM LOUVERED, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 1
OPEN AREA	0.75 m ²



HAZADIOUS WASTE / STORE SD1

PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.BURUNI	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.	BURU-A2-16
		DATE	16.10.2020



PREPARED BY	PROJECT	DESIGN BY	AMENDMENTS
	CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.BURUNI	AFRAZ	
	TITLE ELEVATION AND SECTIONS: 2.5 HIGH MASONRY WALL DETAILS	STRUCTURE BY AFRAZ	
	CLIENT DEPARTMENT WMPC DEPARTMENT	DRAWN BY AFRAZ	
	PAPER SIZE A3	SCALE 1:50	
	PAGE NO. 17	DWG NO. BURU-A2-17	
		DATE 16.10.2020	

