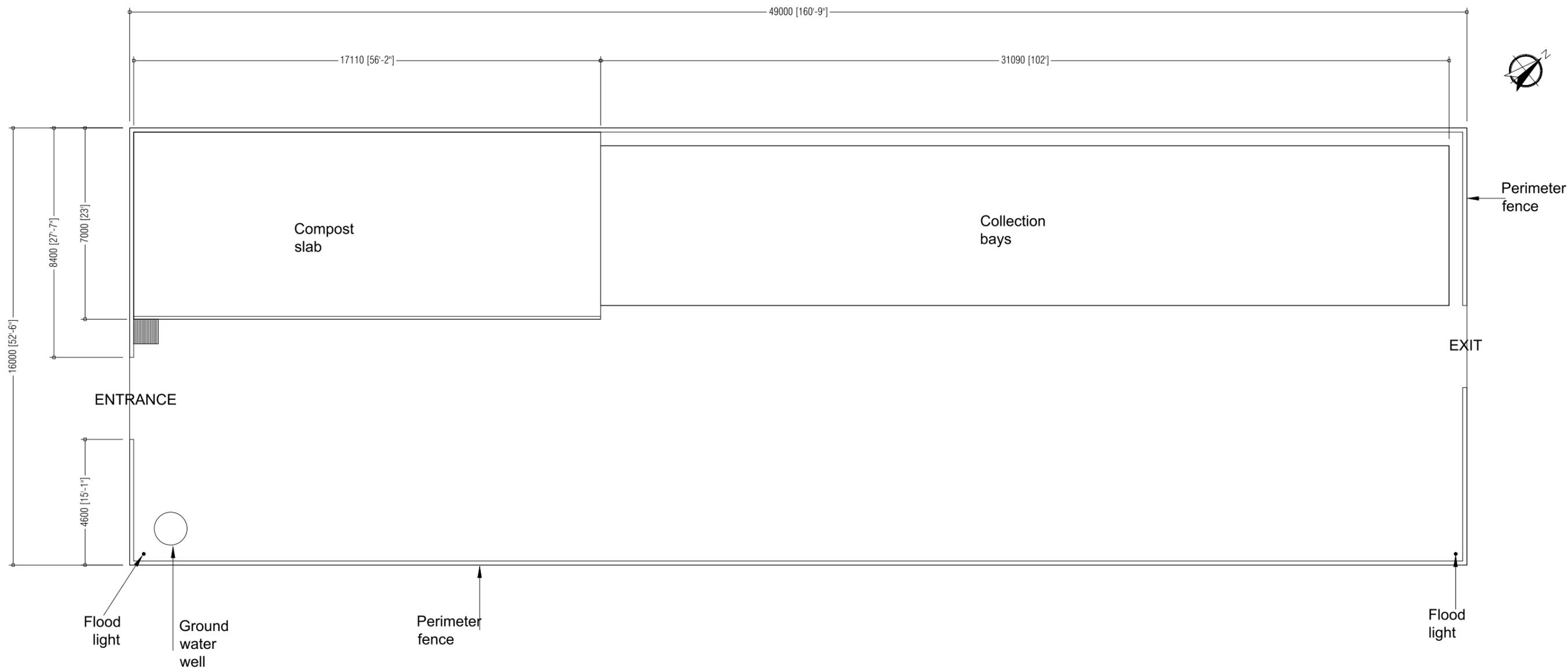


UPGRADING OF LH.HINNAVARU ISLAND WASTE MANAGEMENT CENTRE



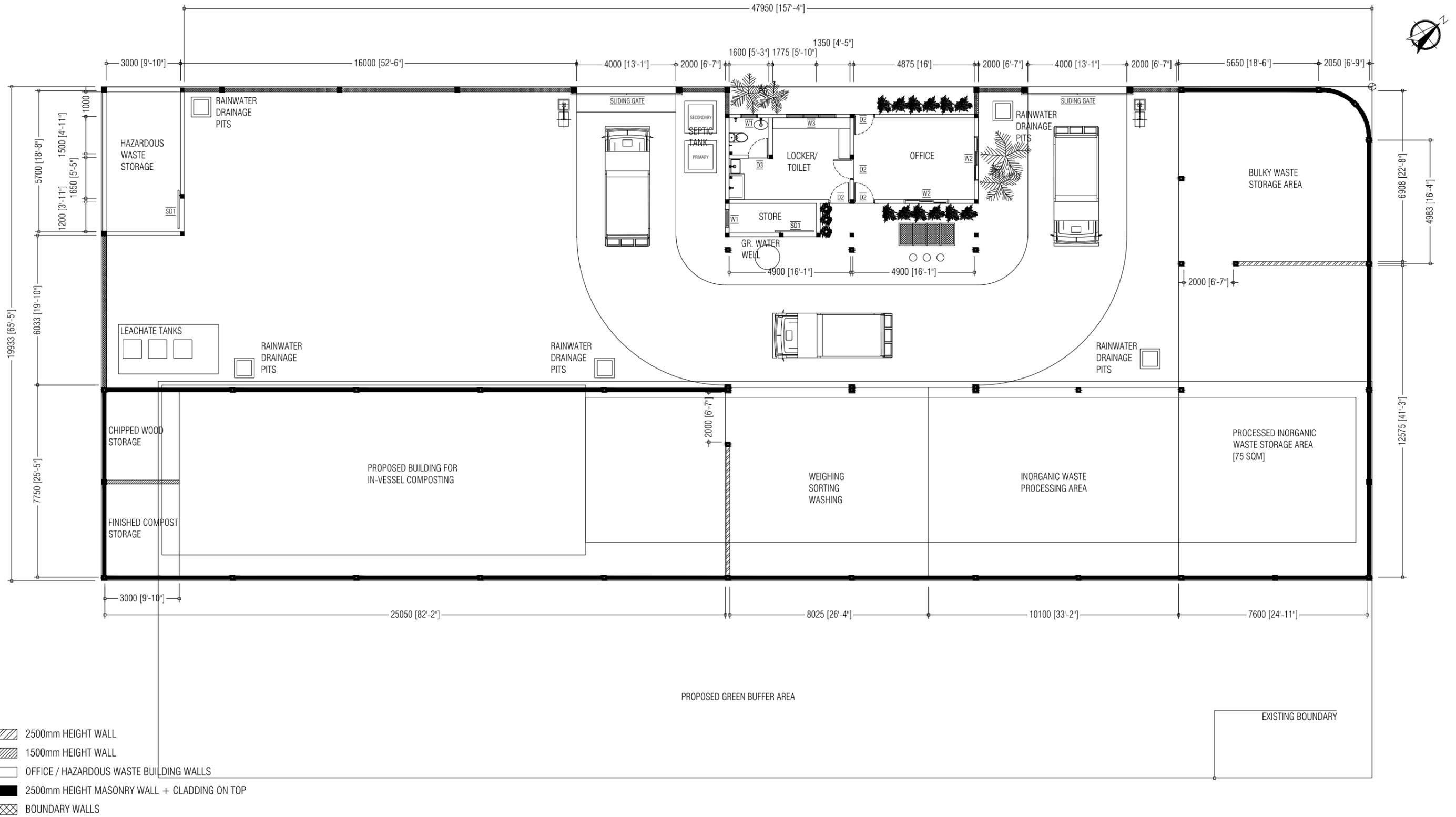
PREPARED BY:
MALDIVES CLEAN ENVIRONMENT PROJECT
MINISTRY OF ENVIRONMENT

AUGUST 2022



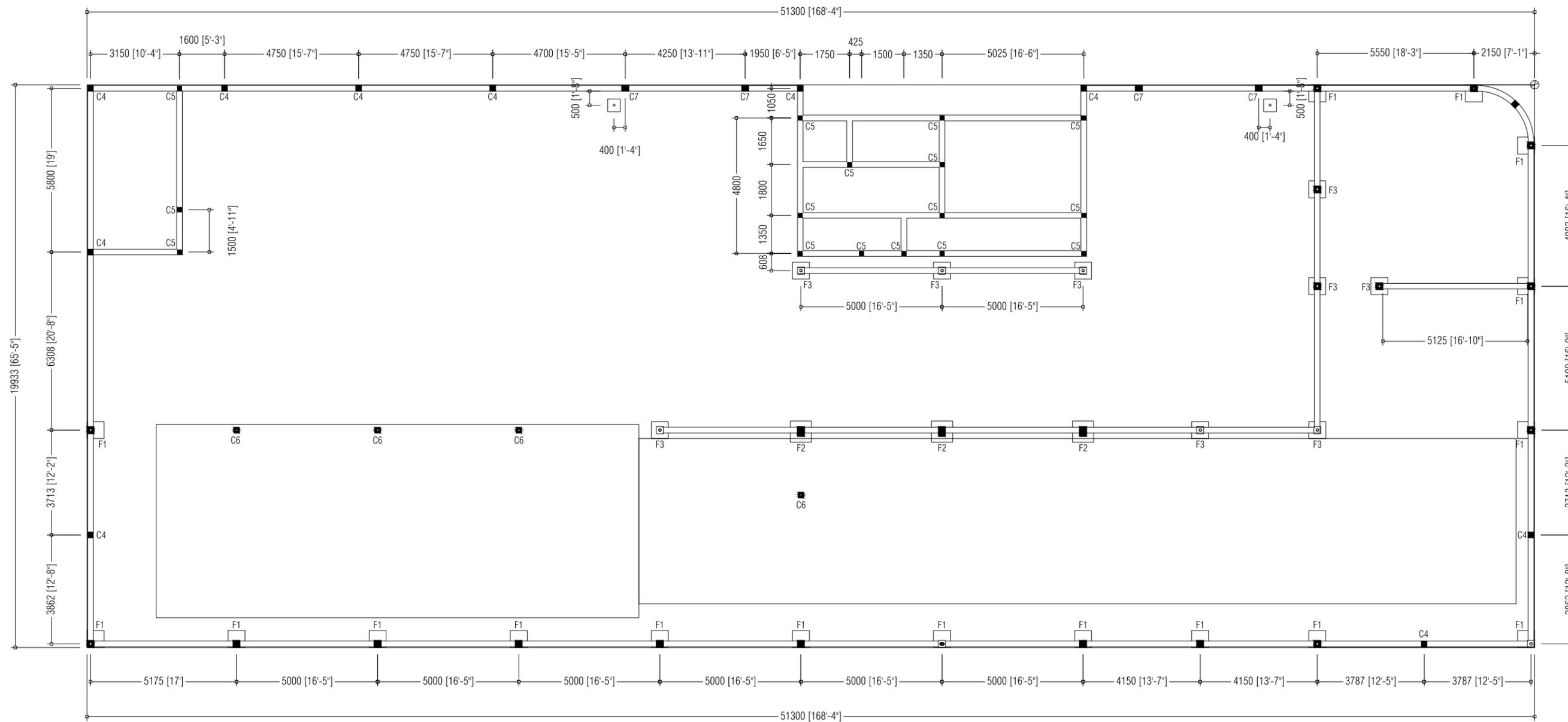
NOTE:
 1. EXISTING COMPOST SLAB AND SLAB OF COLLECTION BAY TO BE RETAINED
 2. ALL OTHER STRUCTURES TO BE DEMOLISHED

 <p>MCEP MINISTRY OF ENVIROMENT GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301</p>	PROJECT	DESIGN BY	AMENDMENTS
	UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	AFRAZ	
	TITLE	STRUCTURE BY	
	EXISTING SITE LAYOUT	AFRAZ	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	AFRAZ	
	PAPER SIZE A3	SCALE 1:150	
PAGE NO. 01	DWG NO. HINN-A1-01		
	DATE 08.08.2022		



PROJECT	DESIGN BY	
UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	AFRAZ	
TITLE	STRUCTURE BY	
FLOOR PLAN	AFRAZ	
CLIENT DEPARTMENT	DRAWN BY	
WMPC DEPARTMENT	AFRAZ	
PAPER SIZE A3	SCALE	1:150
PAGE NO. 02	DWG NO.	HINN-A1-02
	DATE	08.08.2022

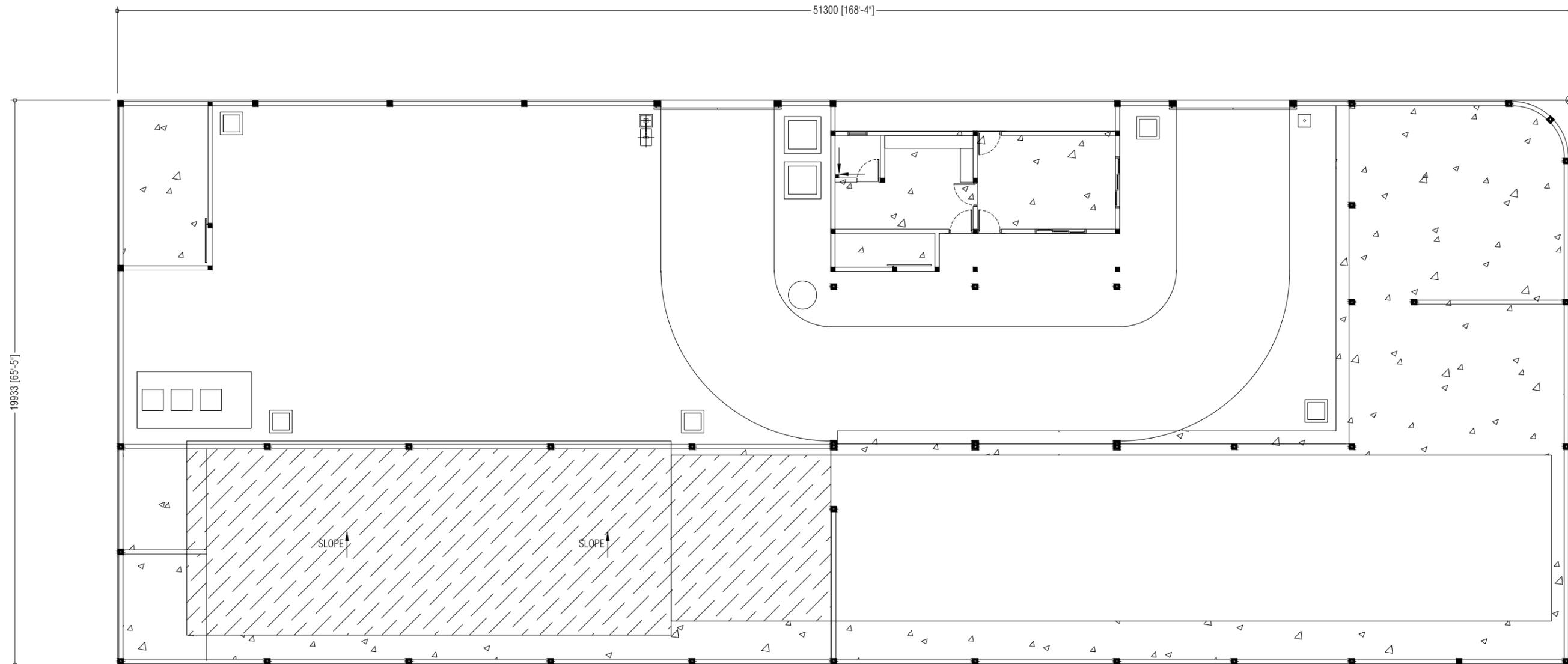
AMENDMENTS
REVISION 04 - REVISED AS PER NEW DESIGN IWMC LAYOUT



NOTE:

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

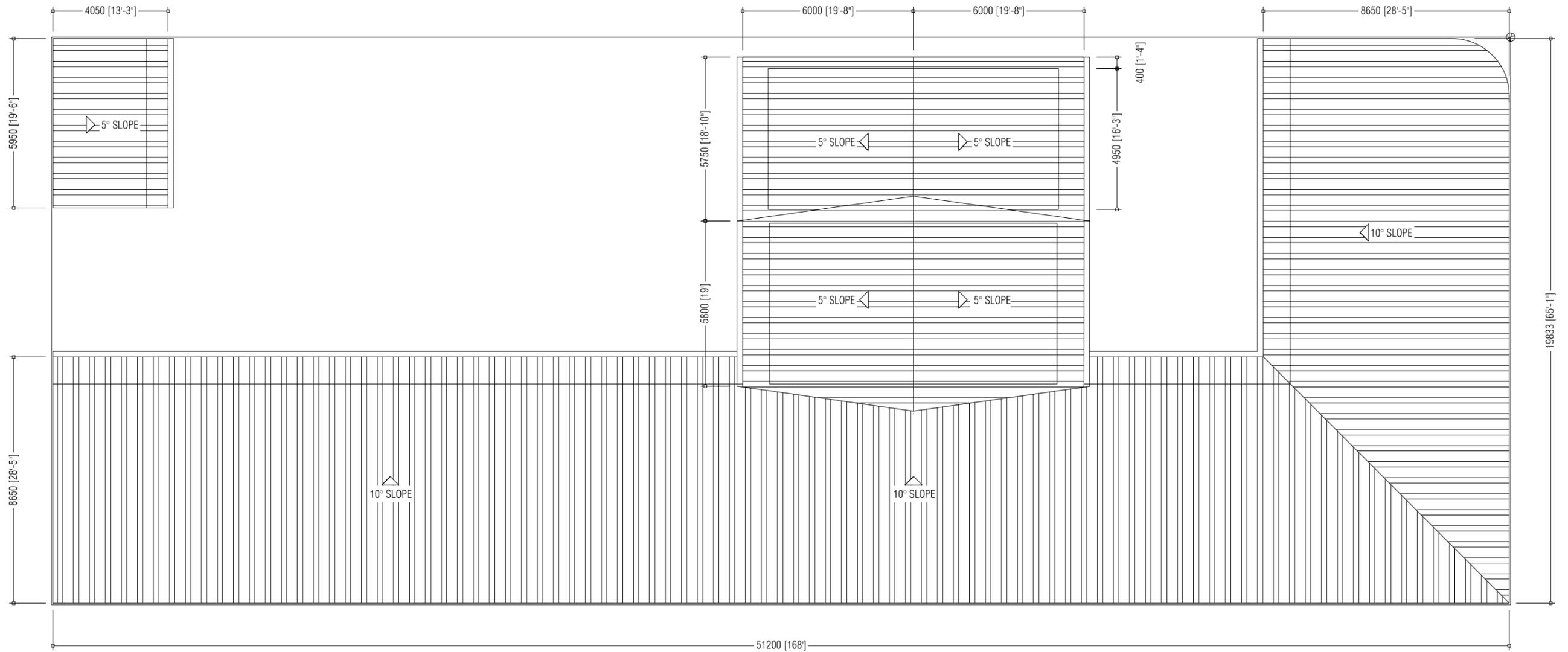
<p>MCEP MINISTRY OF ENVIROMENT GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301</p>	PROJECT	DESIGN BY	AMENDMENTS
	UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	AFRAZ	
	TITLE	STRUCTURE BY	
	FOUNDATION PLAN	AFRAZ	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	AFRAZ	
	PAPER SIZE A3	SCALE	1:150
PAGE NO. 03	DWG NO.	HINN-A1-03	
	DATE	08.08.2022	



NOTE:

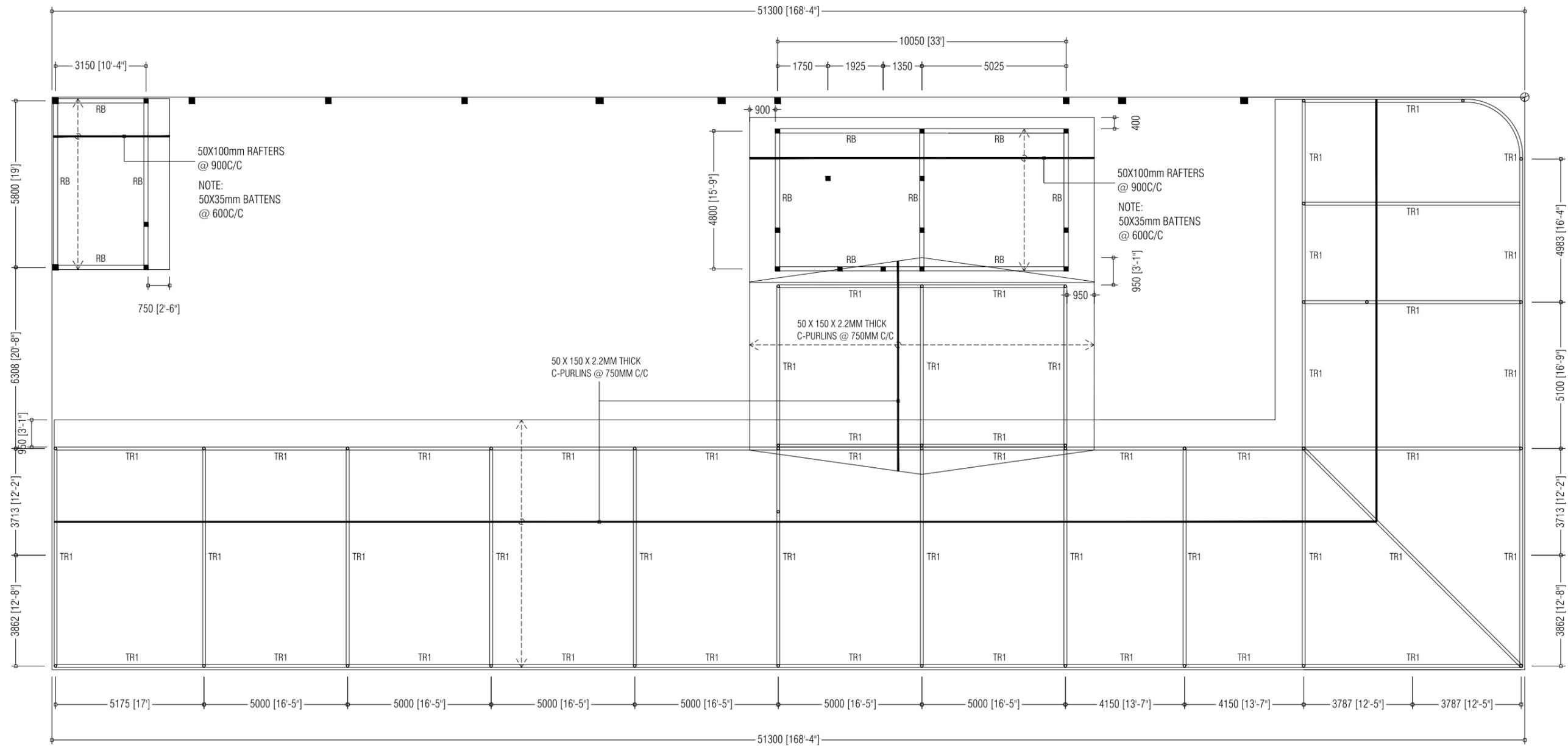
- 75mm FLOOR SLAB
- 50mm FLOOR SCREED
[ON TOP OF EXISTING COMPOST PAD SLAB]

<p>MCEP MINISTRY OF ENVIROMENT GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301</p>	PROJECT	DESIGN BY		AMENDMENTS
	UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	AFRAZ		
	TITLE	STRUCTURE BY		
	FLOOR SLAB/SCREED PLAN	AFRAZ		
	CLIENT DEPARTMENT	DRAWN BY		
	WMPC DEPARTMENT	AFRAZ		
	PAPER SIZE A3	SCALE	1:150	
PAGE NO. 04	DWG NO.	HINN-A1-04		
	DATE	08.08.2022		

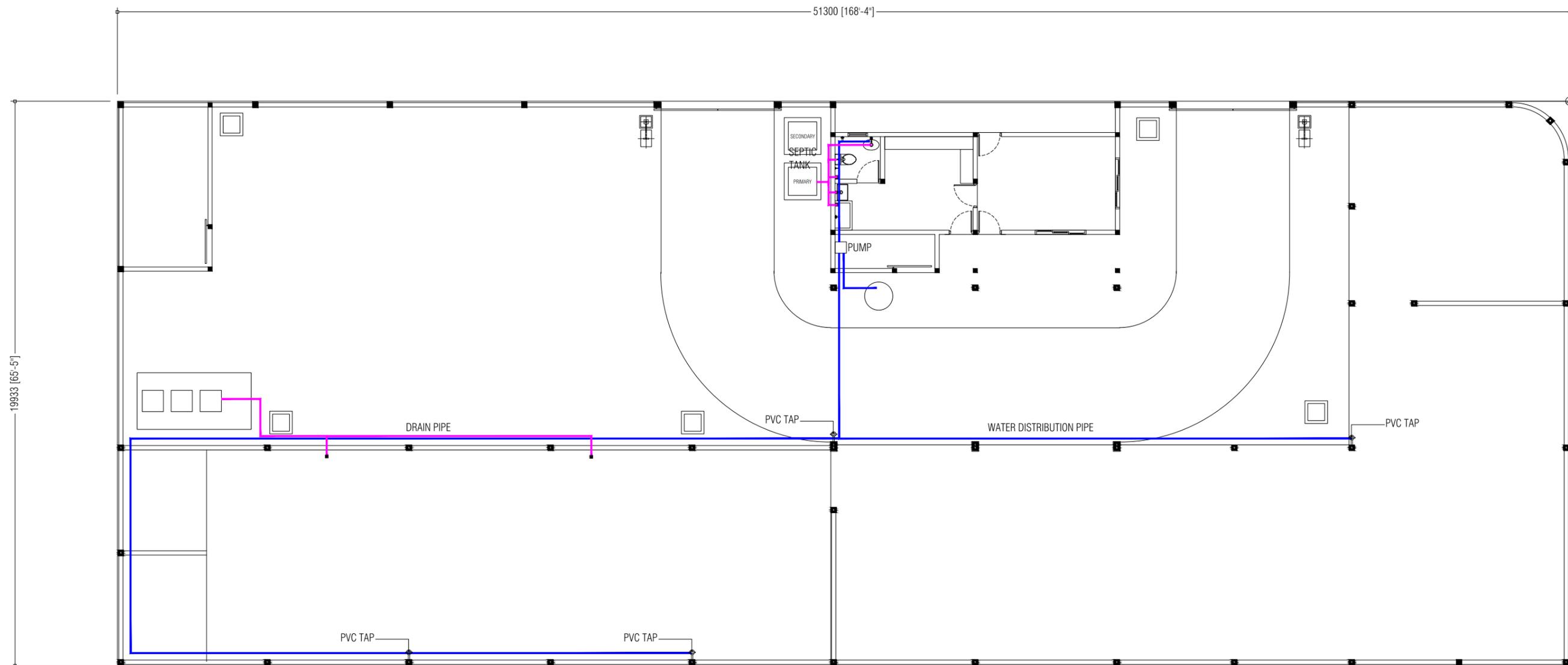


PROJECT	UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	DESIGN BY	AFRAZ
TITLE	ROOF PLAN	STRUCTURE BY	AFRAZ
CLIENT DEPARTMENT	WMPC DEPARTMENT	DRAWN BY	AFRAZ
PAPER SIZE	A3	SCALE	1:150
PAGE NO.	05	DWG NO.	HINN-A1-05
		DATE	08.08.2022

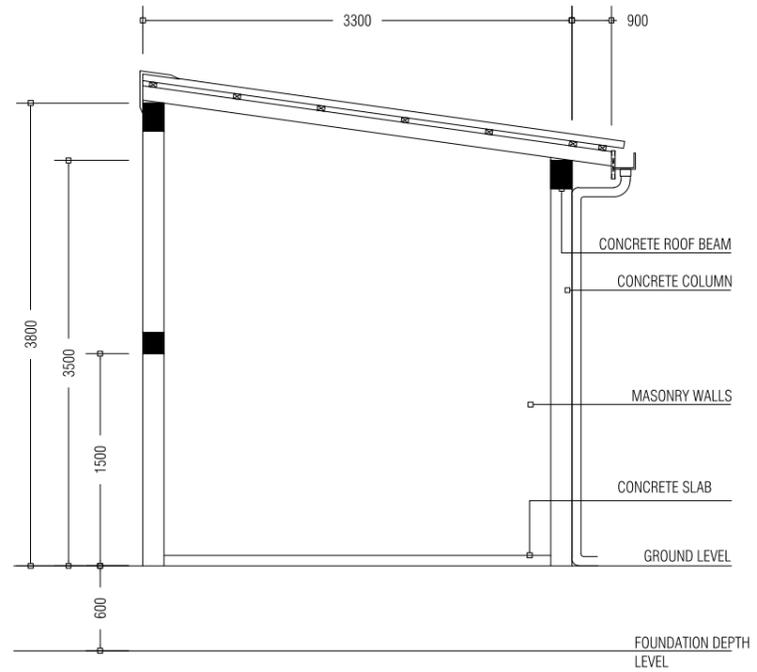
AMENDMENTS



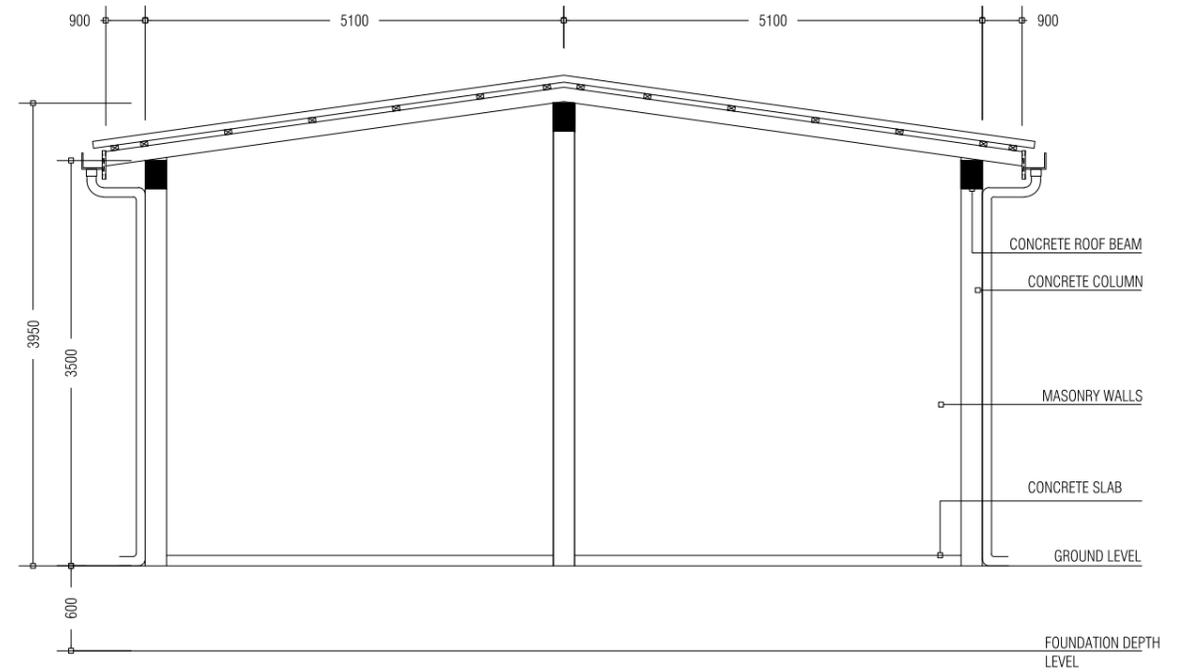
PROJECT	UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	DESIGN BY	AFRAZ	AMENDMENTS
TITLE	ROOF STRUCTURE PLAN	STRUCTURE BY	AFRAZ	
CLIENT DEPARTMENT	WMPC DEPARTMENT	DRAWN BY	AFRAZ	
PAPER SIZE	A3	SCALE	1:150	
PAGE NO.	06	DWG NO.	HINN-A1-06	
		DATE	08.08.2022	



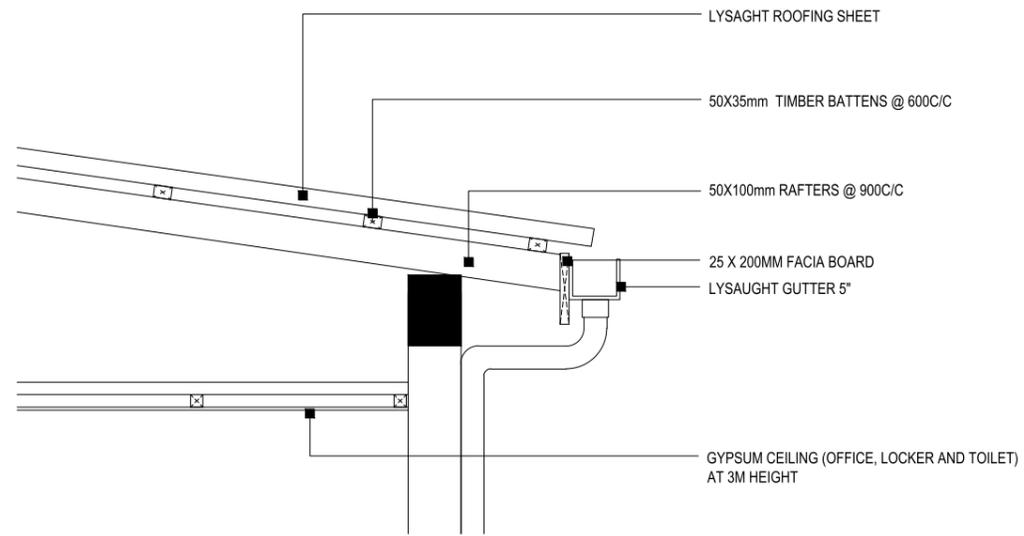
 <p> MCEP MINISTRY OF ENVIROMENT GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE (20392), REPUBLIC OF MALDIVES, TEL: +960-3018431, +960-3018300, FAX: +960-328301 </p>	PROJECT	DESIGN BY	AMENDMENTS
	UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	AFRAZ	
	TITLE	STRUCTURE BY	
	PLUMBING PLAN	AFRAZ	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	AFRAZ	
	PAPER SIZE A3	SCALE 1:150	
PAGE NO. 07	DWG NO. HINN-A1-07		
	DATE 08.08.2022		



OFFICE / LOCKER BUILDING ELEVATION



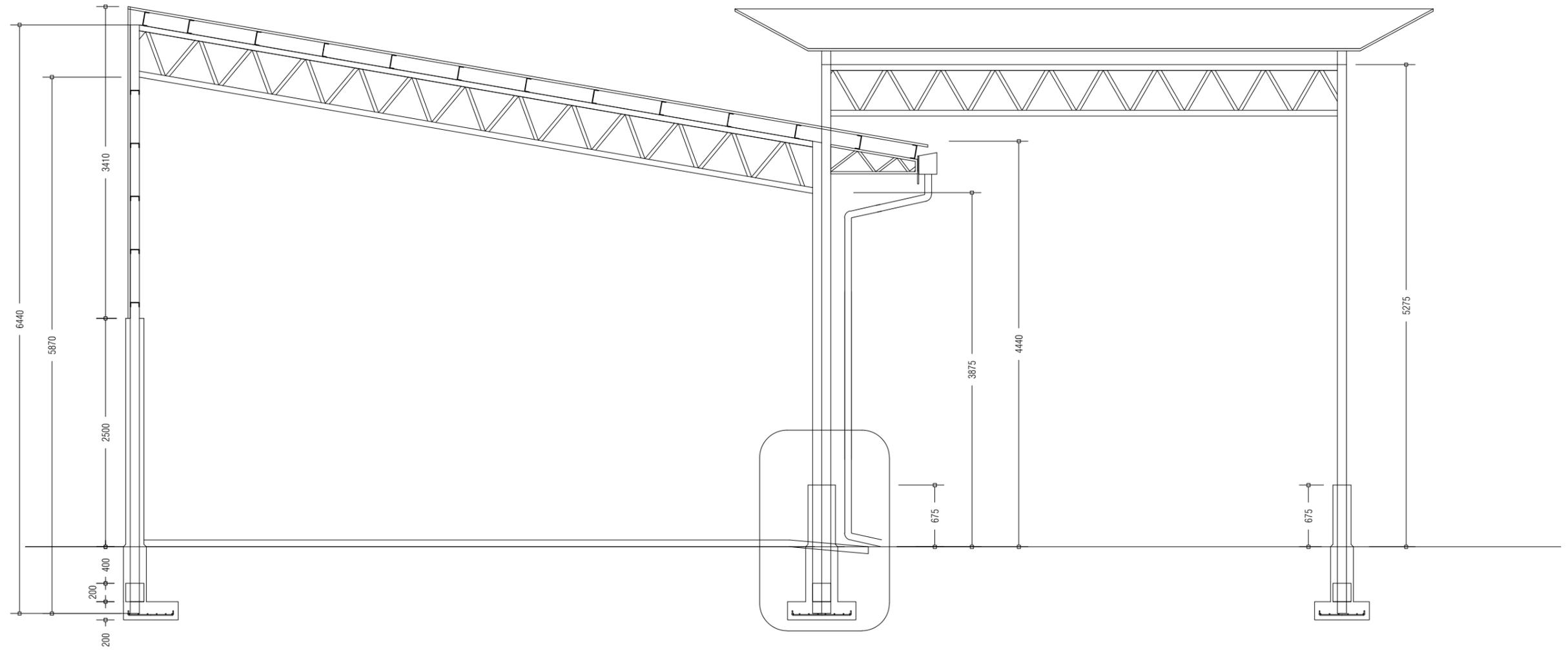
OFFICE / LOCKER BUILDING SECTION



ROOF DETAIL



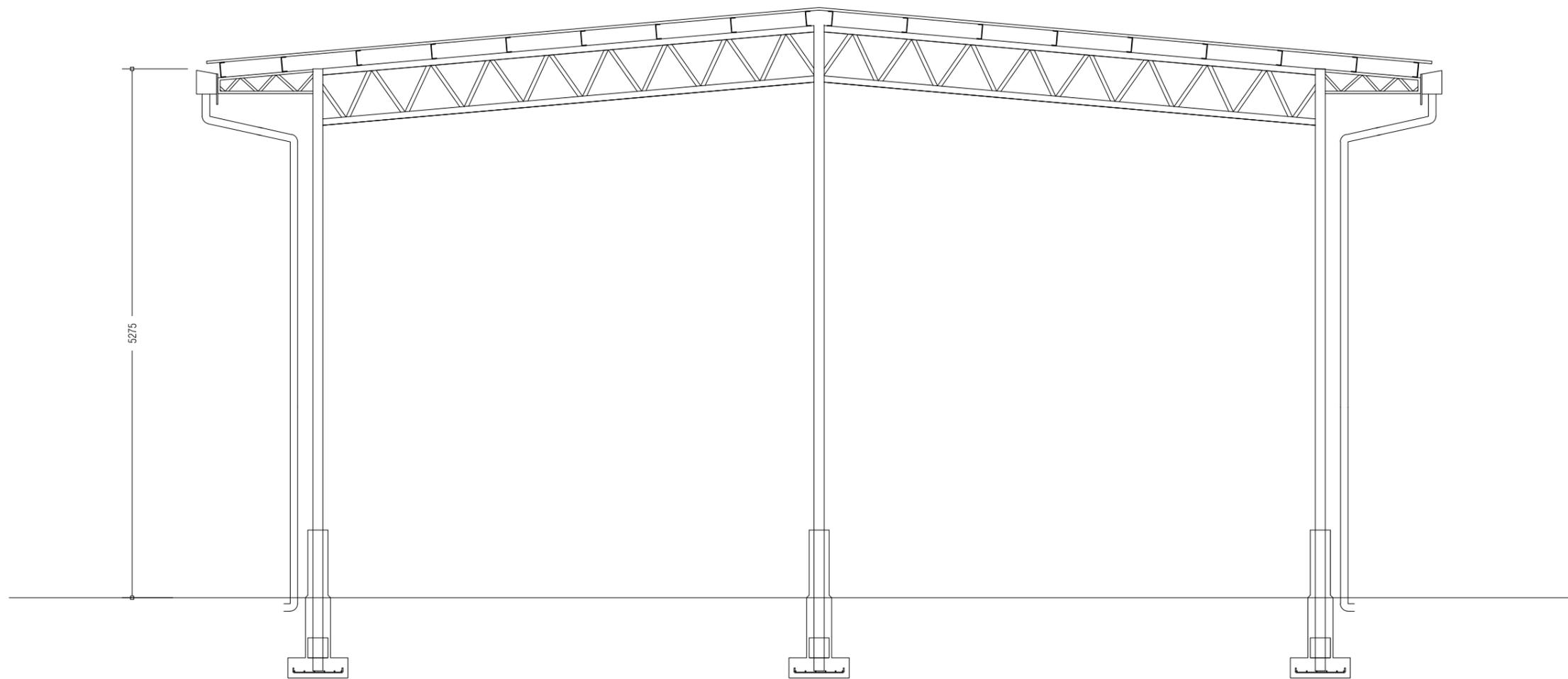
<p>PROJECT</p> <p>UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU</p> <p>TITLE</p> <p>ELEVATIONS AND SECTIONS</p> <p>CLIENT DEPARTMENT</p> <p>WMPC DEPARTMENT</p> <p>PAPER SIZE A3</p> <p>PAGE NO. 09</p>	<p>DESIGN BY</p> <p>AFRAZ</p>	<p>AMENDMENTS</p>
	<p>STRUCTURE BY</p> <p>AFRAZ</p>	
	<p>DRAWN BY</p> <p>AFRAZ</p>	
	<p>SCALE</p> <p>1:150</p>	
	<p>DWG NO.</p> <p>HINN-A2-09</p>	
	<p>DATE</p> <p>08.08.2022</p>	



WASTE MANAGEMENT BAY AND VEHICLE LOADING/UNLOADING BAY
SECTION A-A



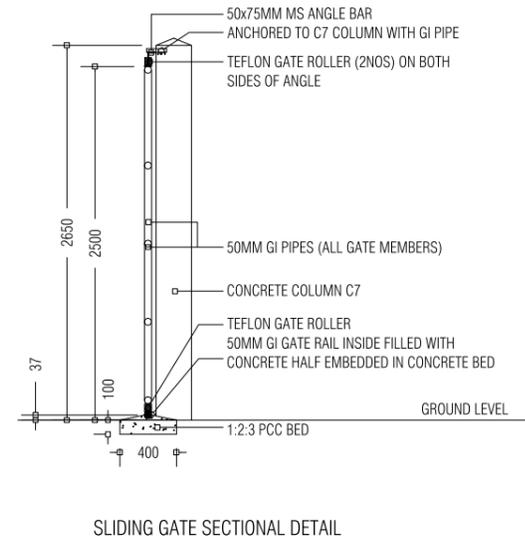
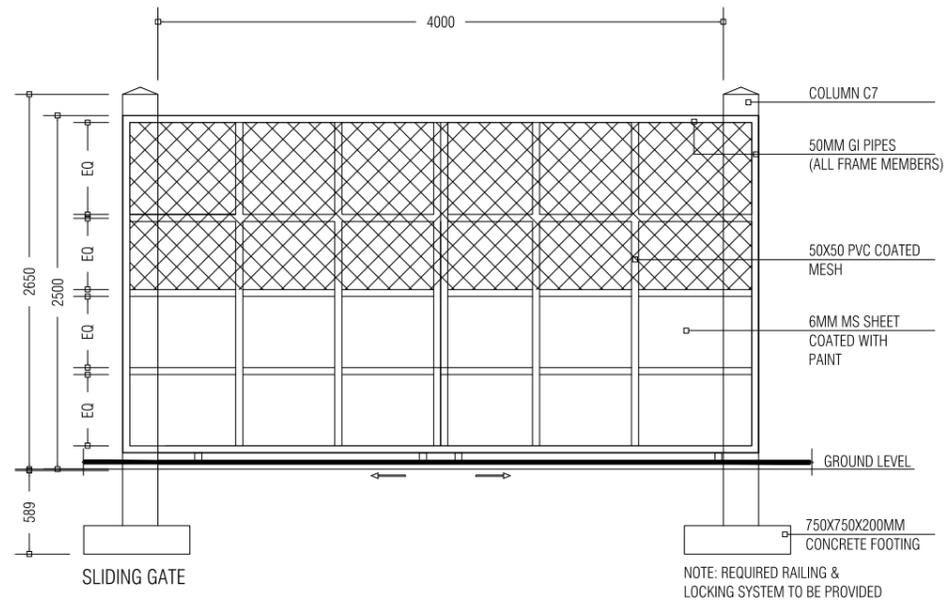
PROJECT		DESIGN BY	AMENDMENTS
UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU		AFRAZ	
TITLE		STRUCTURE BY	
ELEVATIONS AND SECTIONS		AFRAZ	
CLIENT DEPARTMENT		DRAWN BY	
WMPC DEPARTMENT		AFRAZ	
PAPER SIZE	A3	SCALE	1:150
PAGE NO.	10	DWG NO.	HINN-A2-10
		DATE	08.08.2022



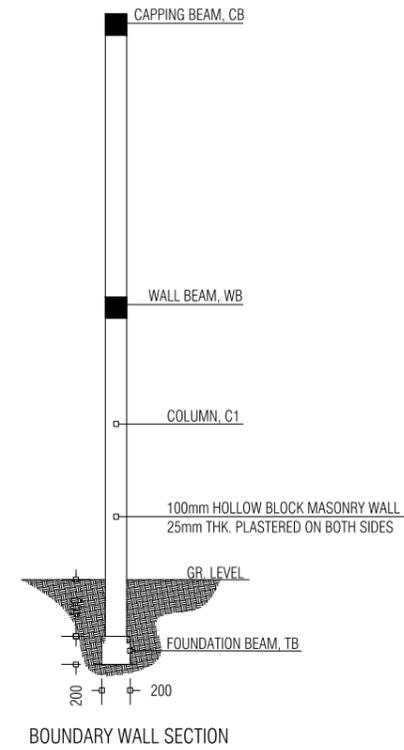
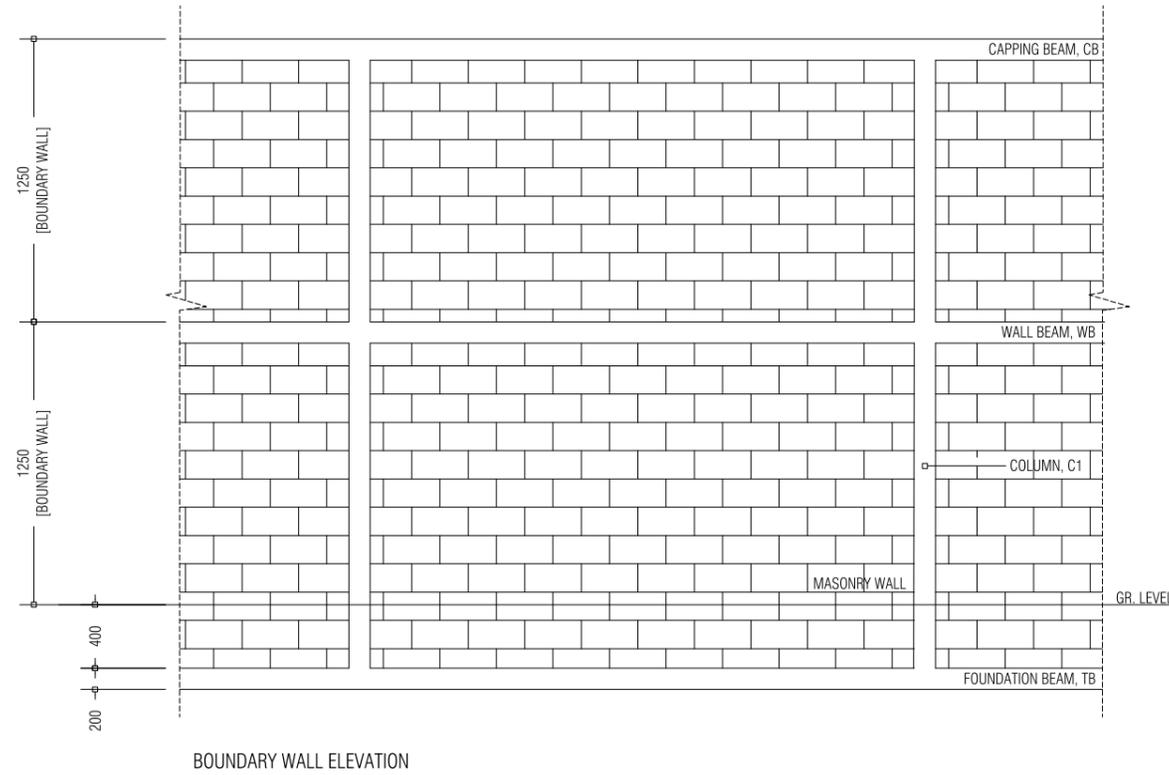
VEHICLE STOP BAY
SECTION B-B


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

PROJECT		DESIGN BY	AMENDMENTS
UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU		AFRAZ	
TITLE		STRUCTURE BY	
ELEVATIONS AND SECTIONS		AFRAZ	
CLIENT DEPARTMENT		DRAWN BY	
WMPC DEPARTMENT		AFRAZ	
PAPER SIZE	A3	SCALE	1:150
PAGE NO.	11	DWG NO.	HINN-A2-11
		DATE	08.08.2022



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

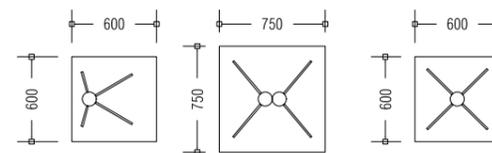
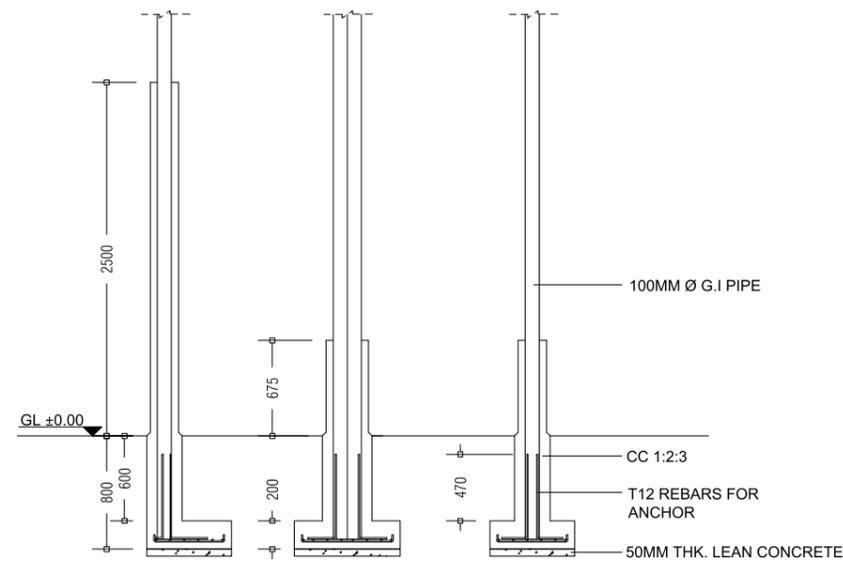


BOUNDARY WALL ELEVATION

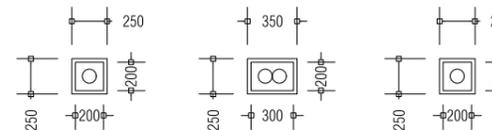
BOUNDARY WALL SECTION

PROJECT	UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	DESIGN BY	AFRAZ
TITLE	ELEVATION AND SECTIONS: GATE DETAILS, WALL DETAILS	STRUCTURE BY	AFRAZ
CLIENT DEPARTMENT	WMPC DEPARTMENT	DRAWN BY	AFRAZ
PAPER SIZE	A3	SCALE	1:50
PAGE NO.	12	DWG NO.	HINN-A2-12
		DATE	08.08.2022

AMENDMENTS



PAD	SIZE (MM)	REINFORCEMENT
F1	600 x 600 x 200	T10 @ 100 c/c BW (BOTTOM)
F2	750 x 750 x 200	T10 @ 100 c/c BW (BOTTOM)

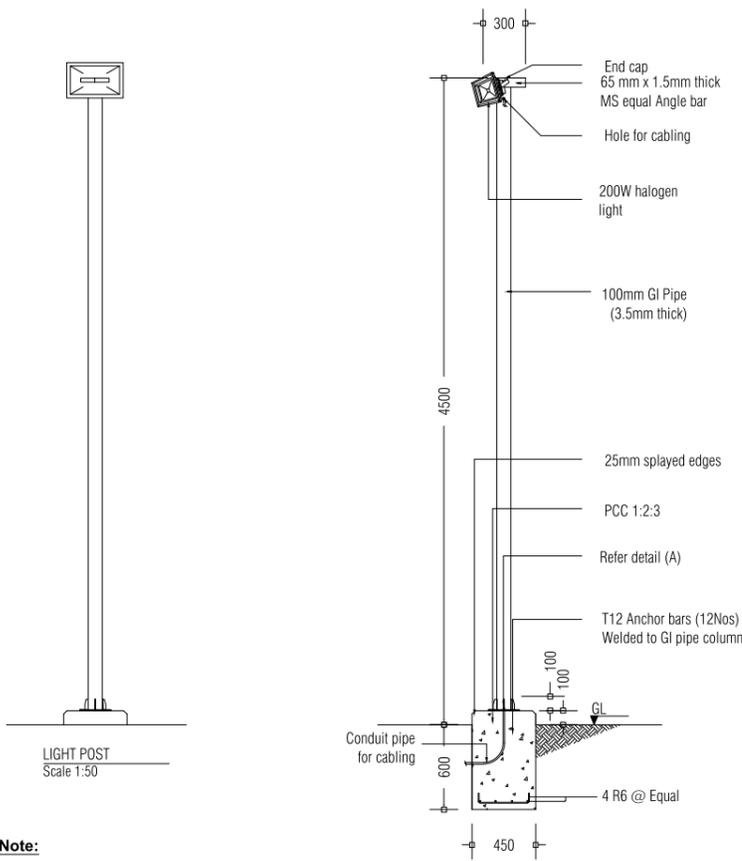


FOOTING DETAILS 1:50



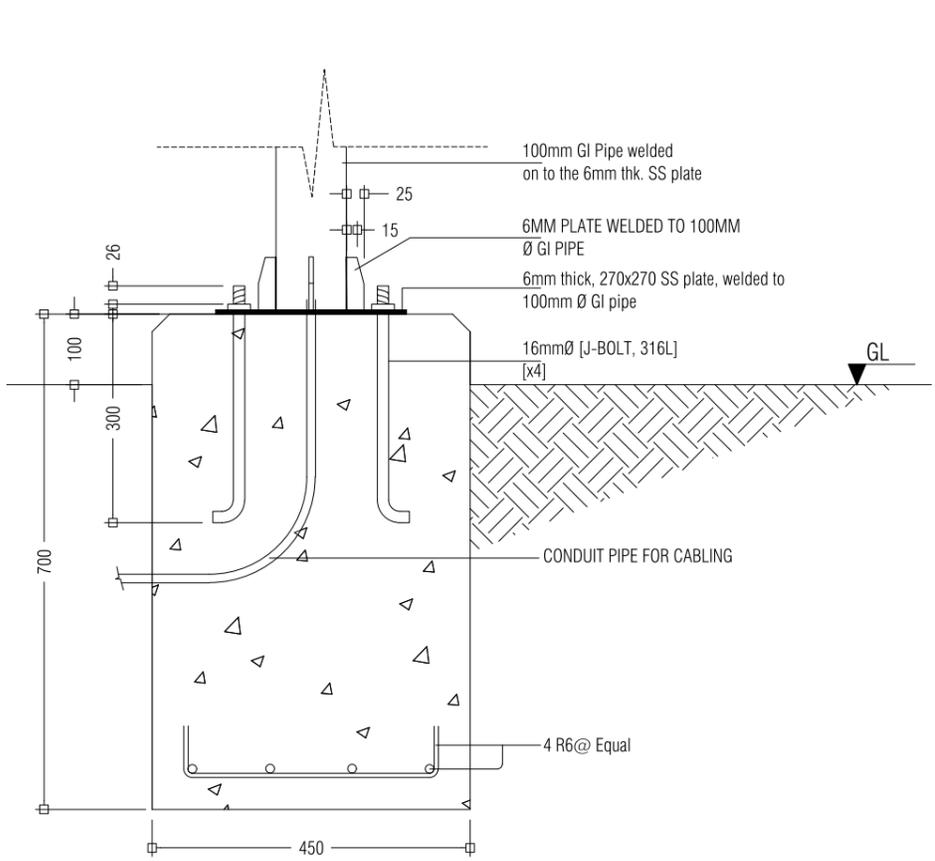
PROJECT	UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	DESIGN BY	AFRAZ
TITLE	FOOTING DETAILS	STRUCTURE BY	AFRAZ
CLIENT DEPARTMENT	WMPC DEPARTMENT	DRAWN BY	AFRAZ
PAPER SIZE	A3	SCALE	1:50
PAGE NO.	13	DWG NO.	HINN-D1-13
		DATE	08.08.2022

AMENDMENTS

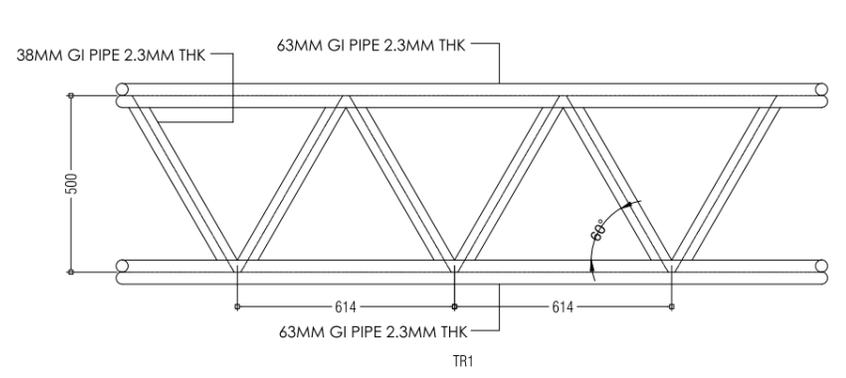


Note:
 * Concrete cover: 50mm
 * GI pipe to be painted with 1 coat of sealer & 2 coats of finishing paint. (Sigma or equivalent, maroon colour)

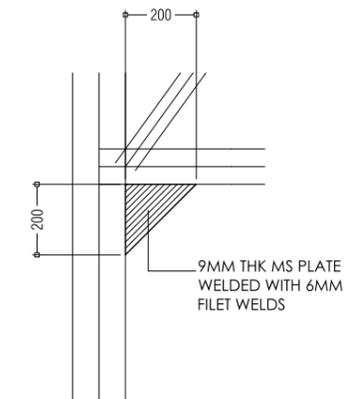
LIGHT POST DETAIL Scale 1:50



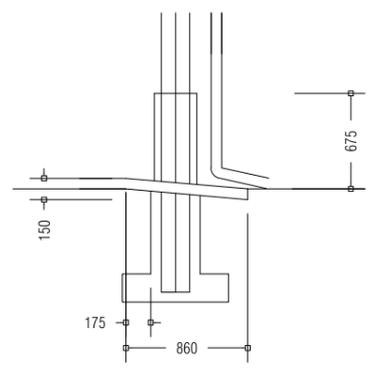
LIGHT POST FOUNDATION FOOTING DETAIL 1:10



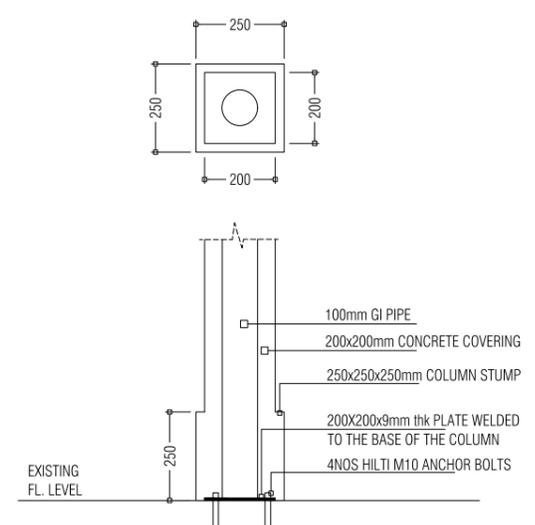
TRUSS DETAIL 1:20



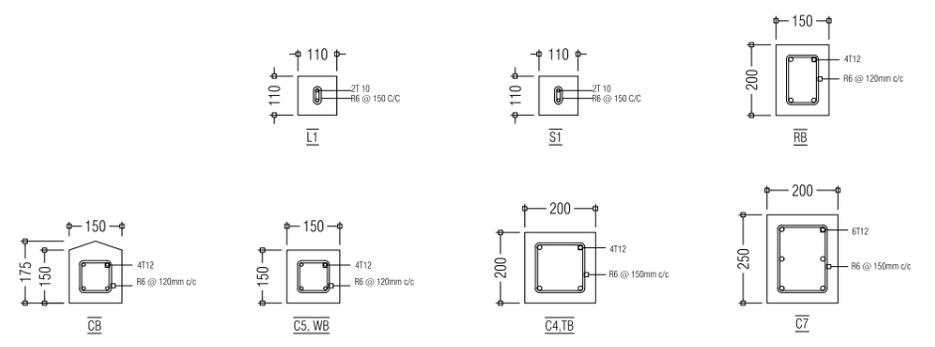
COLUMN AND TRUSS CONNECTION DETAIL 1:20



DETAIL A: RAMP DETAIL 1:50



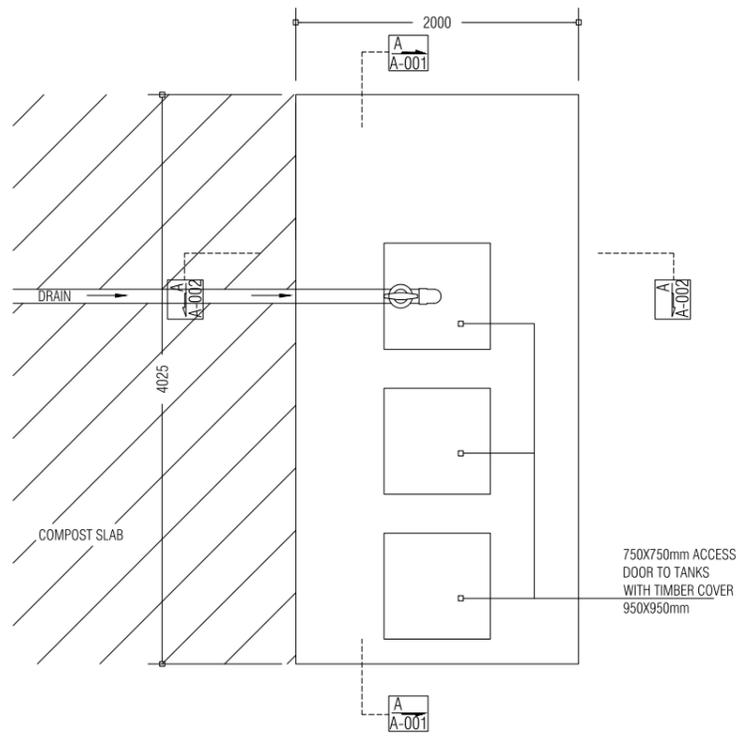
EXISTING SLABS COLUMN FIXING DETAIL 1:20



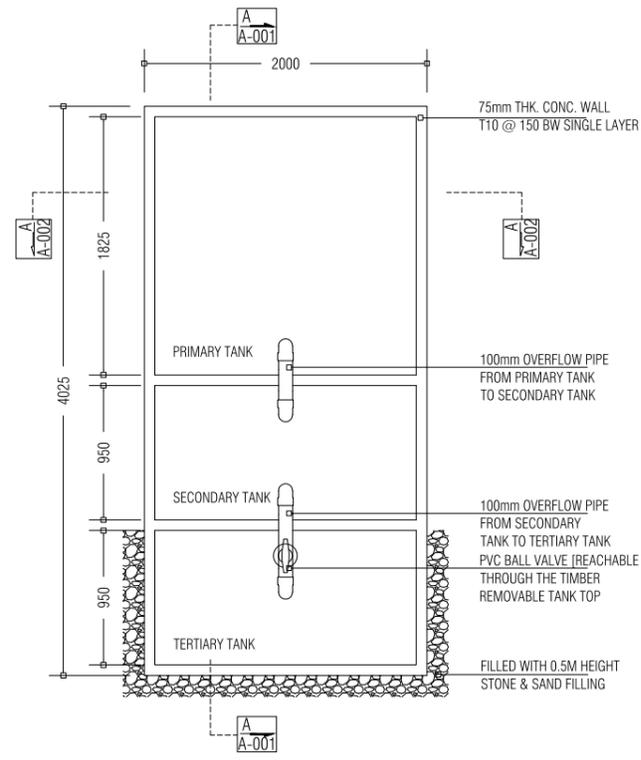
COLUMN AND BEAM DETAILS 1:20

CONCRETE COVERS:
 FB: 40mm
 ALL OTHERS: 30mm
 NOTE:
 1. RBWB TO BE CAST ON TOP OF MASONRY WALLS
 2. C6 TO BE CAST ON EXISTING SLABS

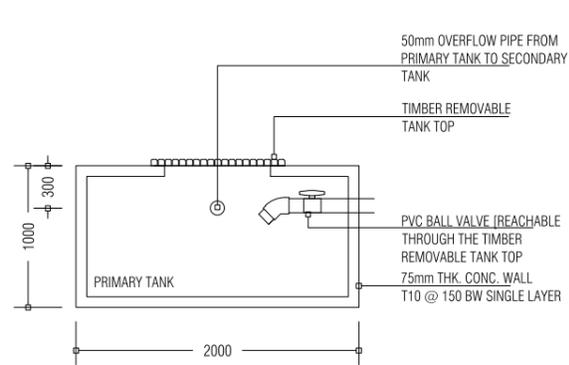
PROJECT	DESIGN BY	AMENDMENTS
UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	AFRAZ	
TITLE	STRUCTURE BY	
STRUCTURAL DETAILS	AFRAZ	
CLIENT DEPARTMENT	DRAWN BY	
WMPC DEPARTMENT	AFRAZ	
PAPER SIZE A3	SCALE	1:50, 1:20, 1:10
PAGE NO. 14	DWG NO.	HINN-D1-14
	DATE	08.08.2022



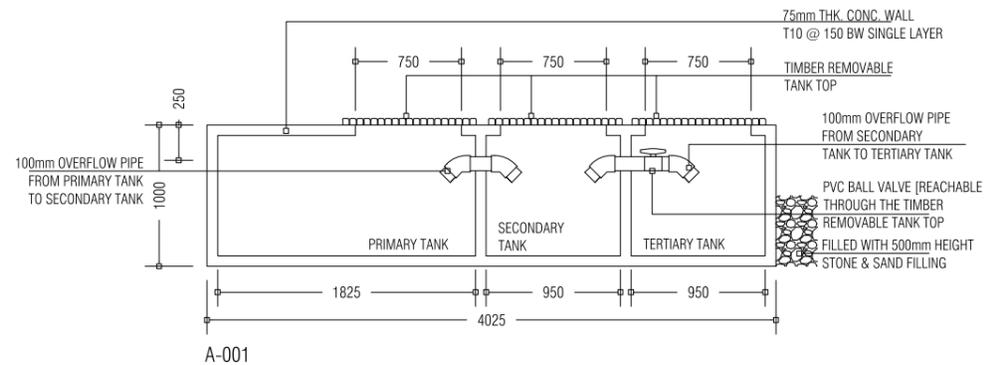
LEACHATE WELL TOP PLAN



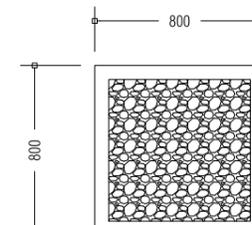
PLAN



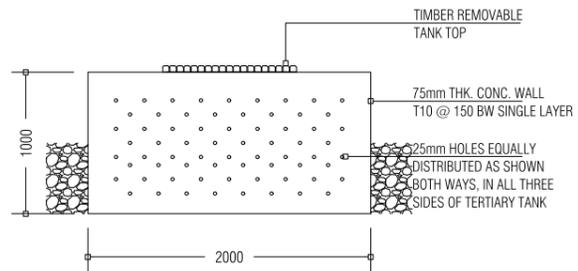
A-002



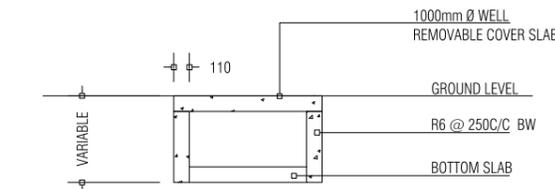
A-001



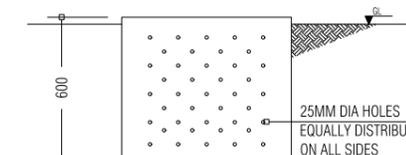
RAINWATER DRAIN PIT: TOP VIEW



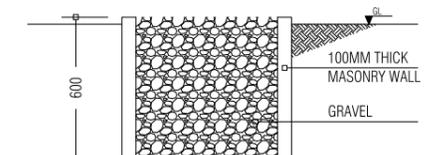
TERTIARY TANK SIDE VIEW



GROUND WATER WELL

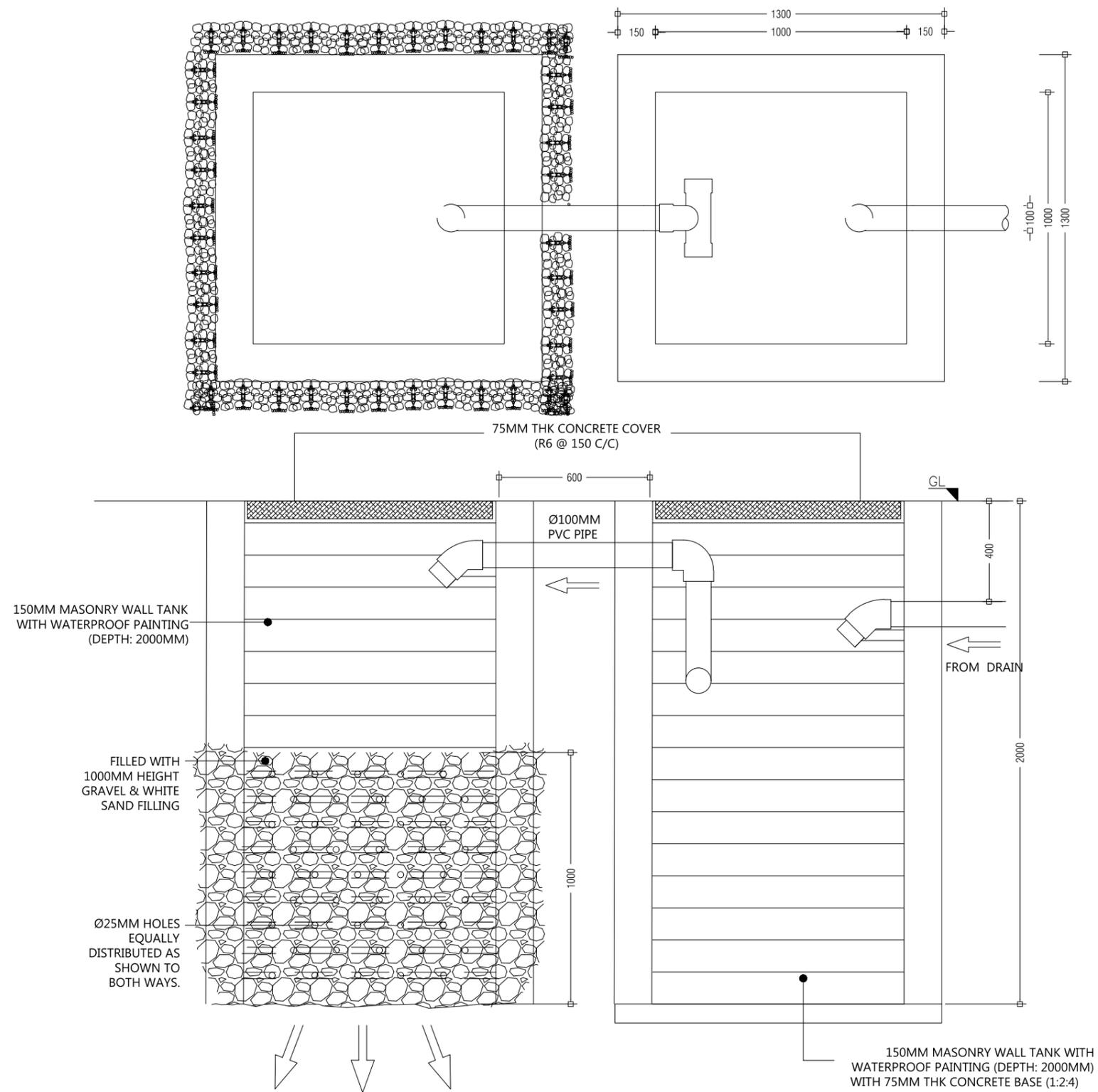


RAINWATER DRAIN PIT: SIDE VIEW

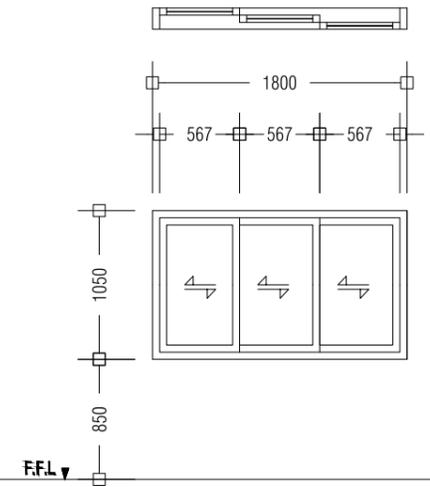
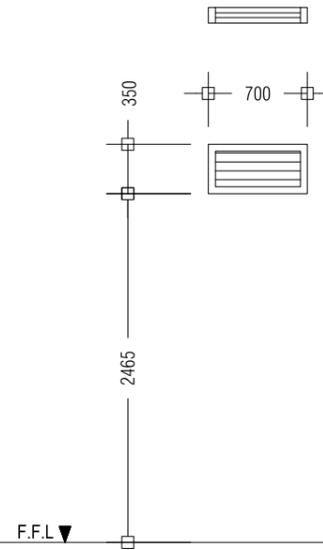
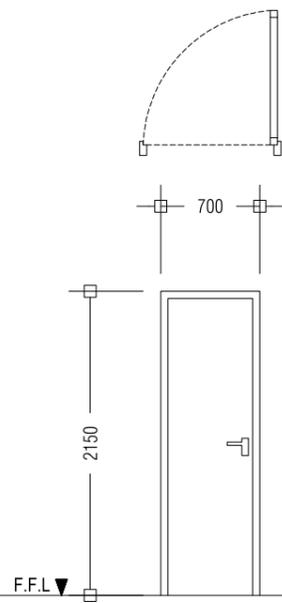
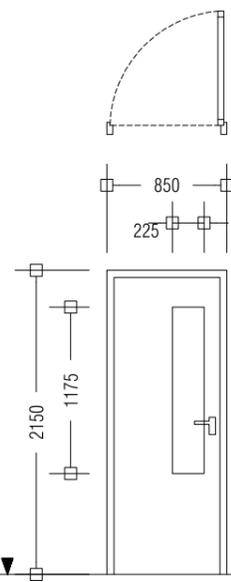


RAINWATER DRAIN PIT: SECTION VIEW

PROJECT	UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	DESIGN BY	AFRAZ
TITLE	LEACHATE WELL (PLAN, SECTION, ELEVATION), GROUND WATER WELL SECTION SORTING PLATFORM (PLAN, ELEVATION), RAINWATER DRAIN PIT	STRUCTURE BY	AFRAZ
CLIENT DEPARTMENT	WMPC DEPARTMENT	DRAWN BY	AFRAZ
PAPER SIZE	A3	SCALE	1:50
PAGE NO.	15	DWG NO.	HINN-D1-15
		DATE	08.08.2022



 <p>MCEP MINISTRY OF ENVIROMENT GREEN BUILDING, HANDHUVAREE HIGUN, MAAFANNU, MALE (20392), REPUBLIC OF MALDIVES. TEL: +960-3018431, +960-3018300, FAX: +960-328301</p>	PROJECT	DESIGN BY	AMENDMENTS
	UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	AFRAZ	
	TITLE	STRUCTURE BY	
	SEPTIC TANK DETAILS	AFRAZ	
	CLIENT DEPARTMENT	DRAWN BY	
	WMPC DEPARTMENT	AFRAZ	
PAPER SIZE A3	SCALE 1:50		
PAGE NO. 16	DWG NO. HINN-D1-16		
	DATE 08.08.2022		

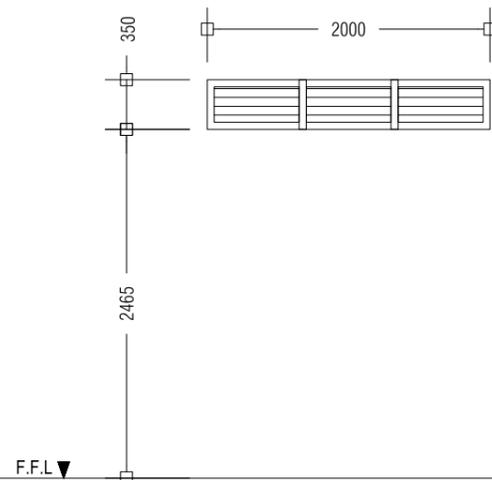


D2	SWING TYPE DOOR
REMARKS	ALUMINUM DOOR WITH CLEAR GLASS PANEL 01 DOOR KNOB WITH LOCK SET 04 HINGES DOOR STOPPER, FINISHED WITH WHITE COATED PAINT
LOCATION	GROUND FLOOR
QUANTITY	NO.S 04
OPEN AREA	1.83 m ²

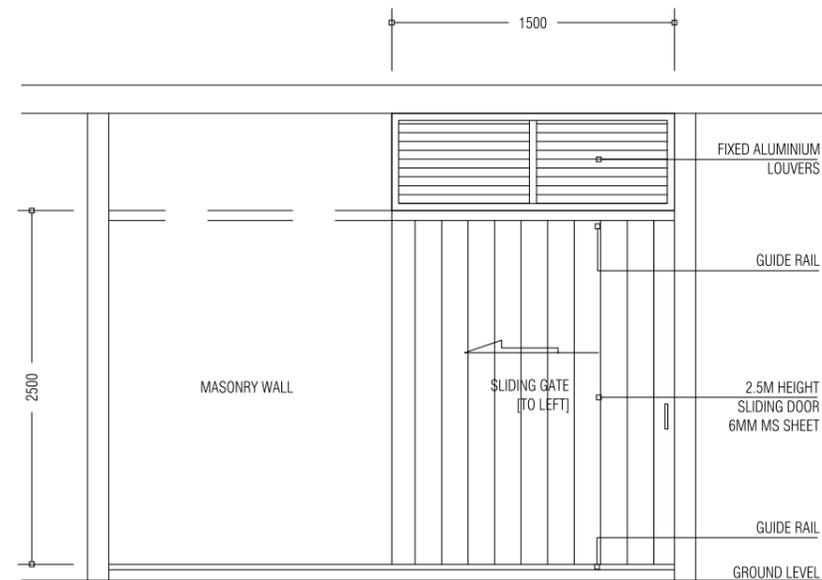
D3	SWING TYPE DOOR
REMARKS	ALUMINIUM DOOR WITH DOOR KNOB AND 1 LOCK SET 04 HINGES
LOCATION	GROUND FLOOR
QUANTITY	NO.S 01
OPEN AREA	1.51m ²

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

PROJECT	UPGRADING OF WASTE MANAGEMENT CENTRE LH.HINNAVARU	DESIGN BY	AFRAZ
TITLE	DOOR AND WINDOW SCHEDULE	STRUCTURE BY	AFRAZ
CLIENT DEPARTMENT	WMPC DEPARTMENT	DRAWN BY	AFRAZ
PAPER SIZE	A3	SCALE	1:50
PAGE NO.	17	DWG NO.	HINN-A2-17
		DATE	08.08.2022

AMENDMENTS