



PROJECT

CONSTRUCTION OF ISLAND WASTE
MANAGEMENT CENTER AT
LAAMU.KUNAHANDHOO ISLAND

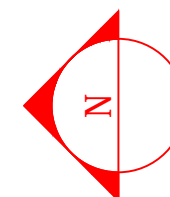
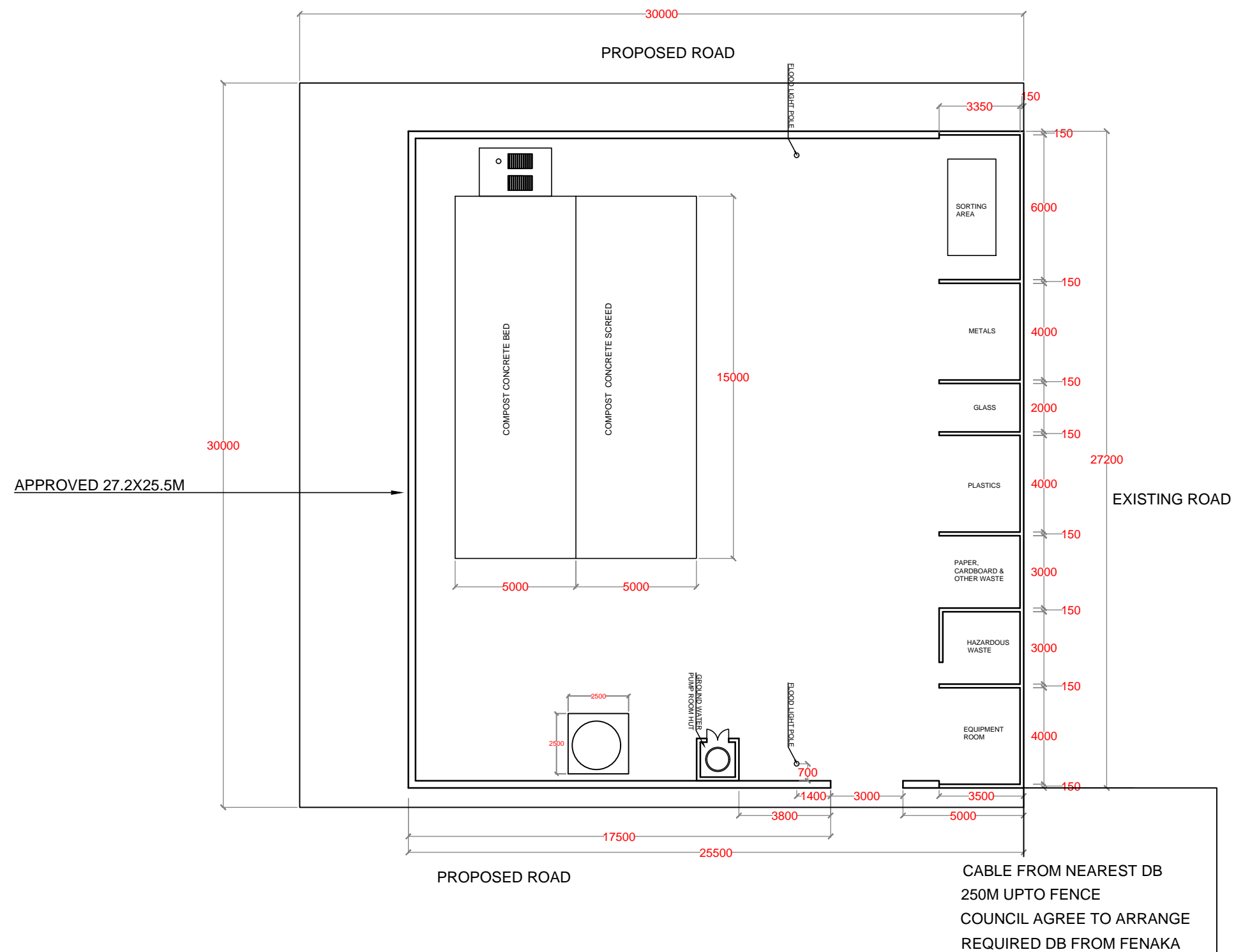
PREPARED BY




United Nations Development Programme

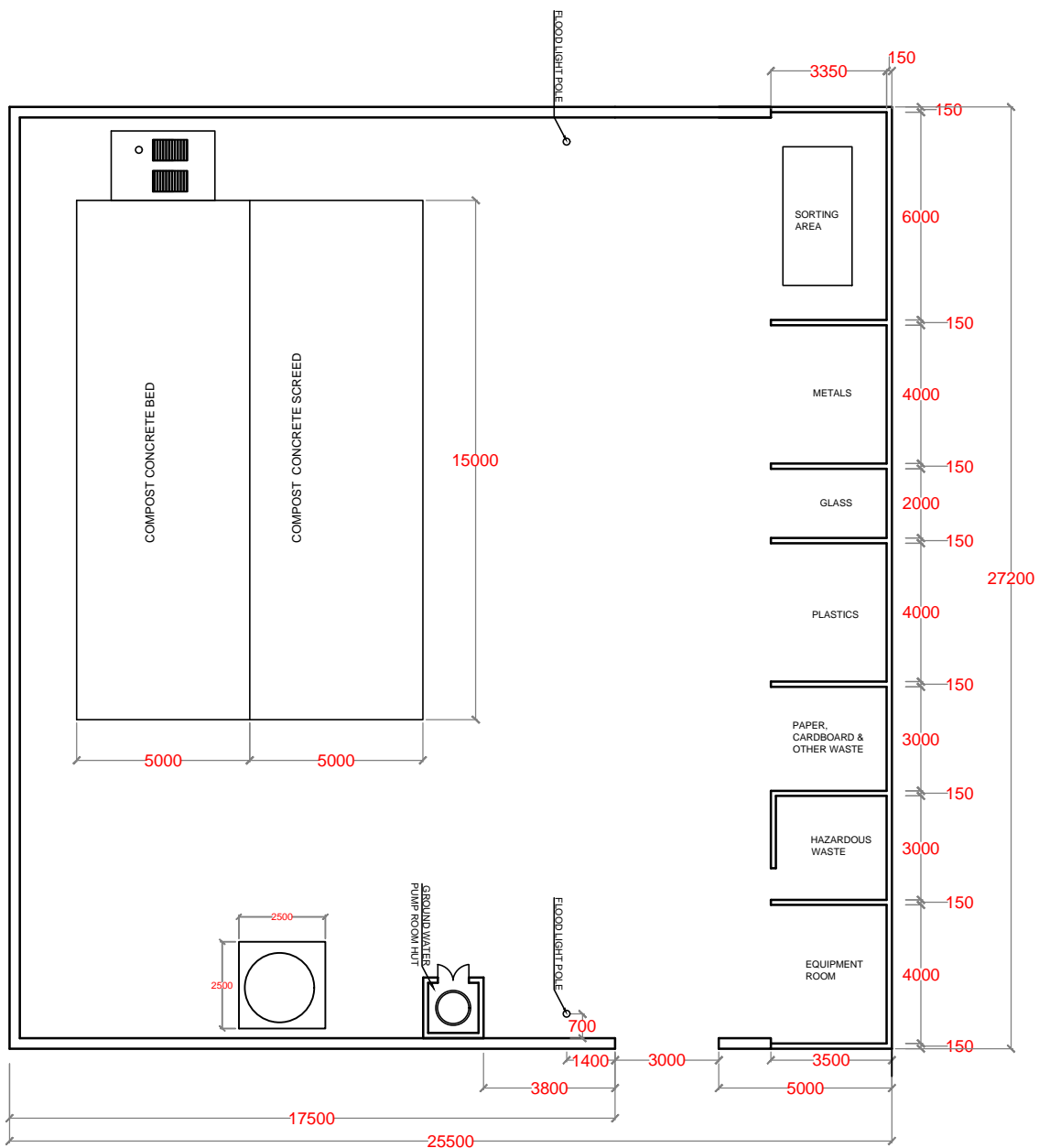
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KUNAHANDHOO DRAWINGS

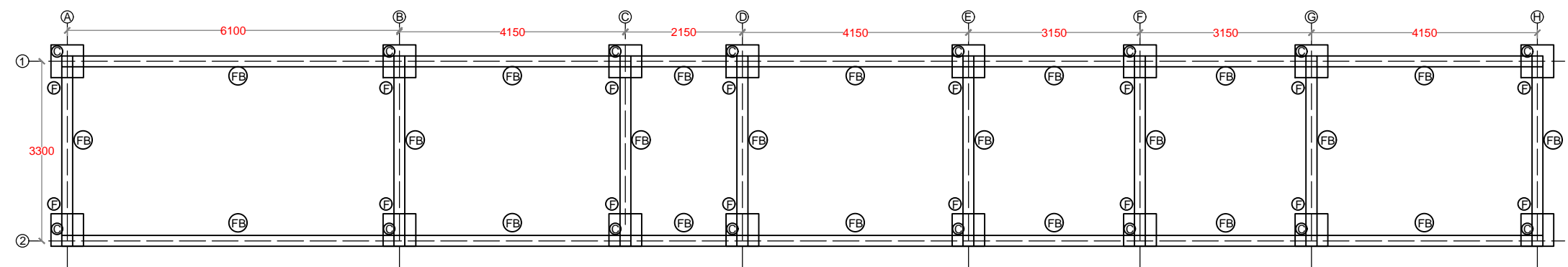
SL.NO	DRAWING NAME	DRAWING NUMBER
1	SITE PLAN	00088179/2017/IWMC/KUN/001
2	FLOOR PLAN	00088179/2017/IWMC/KUN/002
3	FOUNDATION PLAN	00088179/2017/IWMC/KUN/003
4	ROOF FRAME PLAN	00088179/2017/IWMC/KUN/004
5	ROOF PLAN	00088179/2017/IWMC/KUN/005
6	PLUMBING LAYOUT	00088179/2017/IWMC/KUN/006
7	ELECTRICAL LAYOUT	00088179/2017/IWMC/KUN/007



NO.	REVISION	DATE
PREPARED BY:		
G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:		
FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY:		
AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY:		
 United Nations Development Programme		
IMPLEMENTING PARTNER:		
 Ministry of Environment and Energy		
PROGRAMME:		
 Low Emission Climate Resilient Development LcReD Low Emission Climate Resilient Development		
PROJECT NAME:		
CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME:		
LAAMU. KUNAHANDHOO		
LOCATION:		
ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:		
SITE PLAN		
DRAWING NO:		
00088179/2017/IWMC/KUN/001		
DATE :	APRIL 2017	
SCALE :	1:200	
PROJECT NO :	00088179	

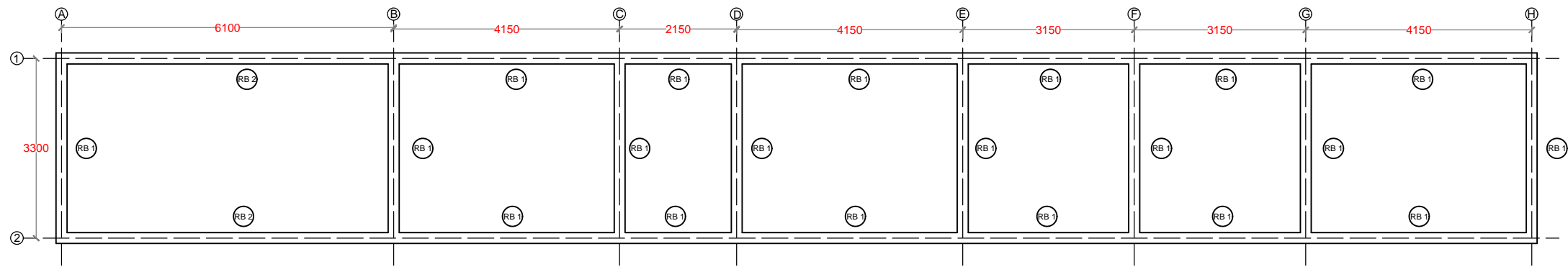


NO.	REVISION	DATE
PREPARED BY: G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY: FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY: AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY:  United Nations Development Programme		
IMPLEMENTING PARTNER:  Ministry of Environment and Energy		
PROGRAMME:  Low Emission Climate Resilient Development <small>Low Emission Climate Resilient Development</small>		
PROJECT NAME: CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME: LAAMU. KUNAHANDHOO		
LOCATION: ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME: FLOOR PLAN		
DRAWING NO: 00088179/2017/IWMC/KUN/002		
DATE :	APRIL 2017	
SCALE :	1:200	
PROJECT NO :	00088179	

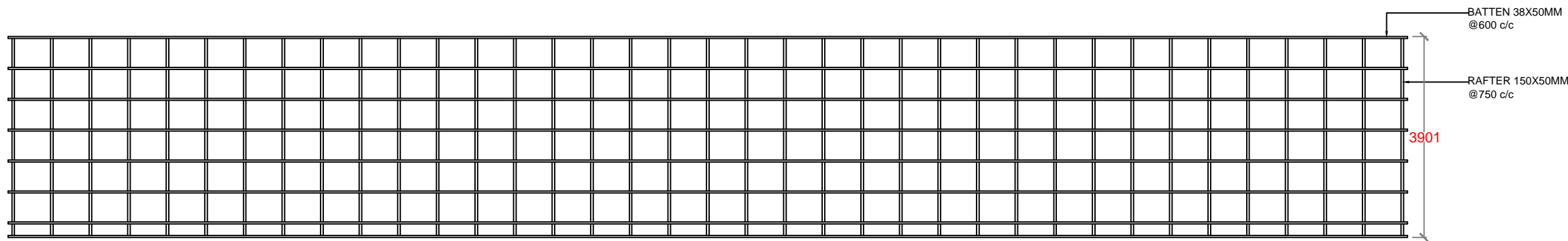


FOUNDATION PLAN

NO.	REVISION	DATE
PREPARED BY: G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY: FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY: AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY:  United Nations Development Programme		
IMPLEMENTING PARTNER:  Ministry of Environment and Energy		
PROGRAMME:  Low Emission Climate Resilient Development		
PROJECT NAME: CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME: LAAMU. KUNAHANDHOO		
LOCATION: ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME: FOUNDATION PLAN		
DRAWING NO: 00088179/2017/IWMC/KUN/003		
DATE :	APRIL 2017	
SCALE :	1:100	
PROJECT NO :	00088179	

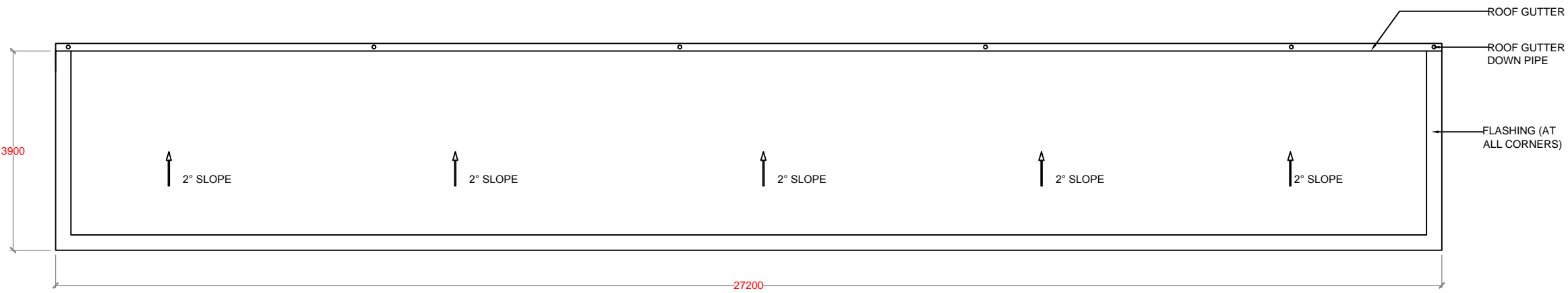


ROOF BEAM PLAN



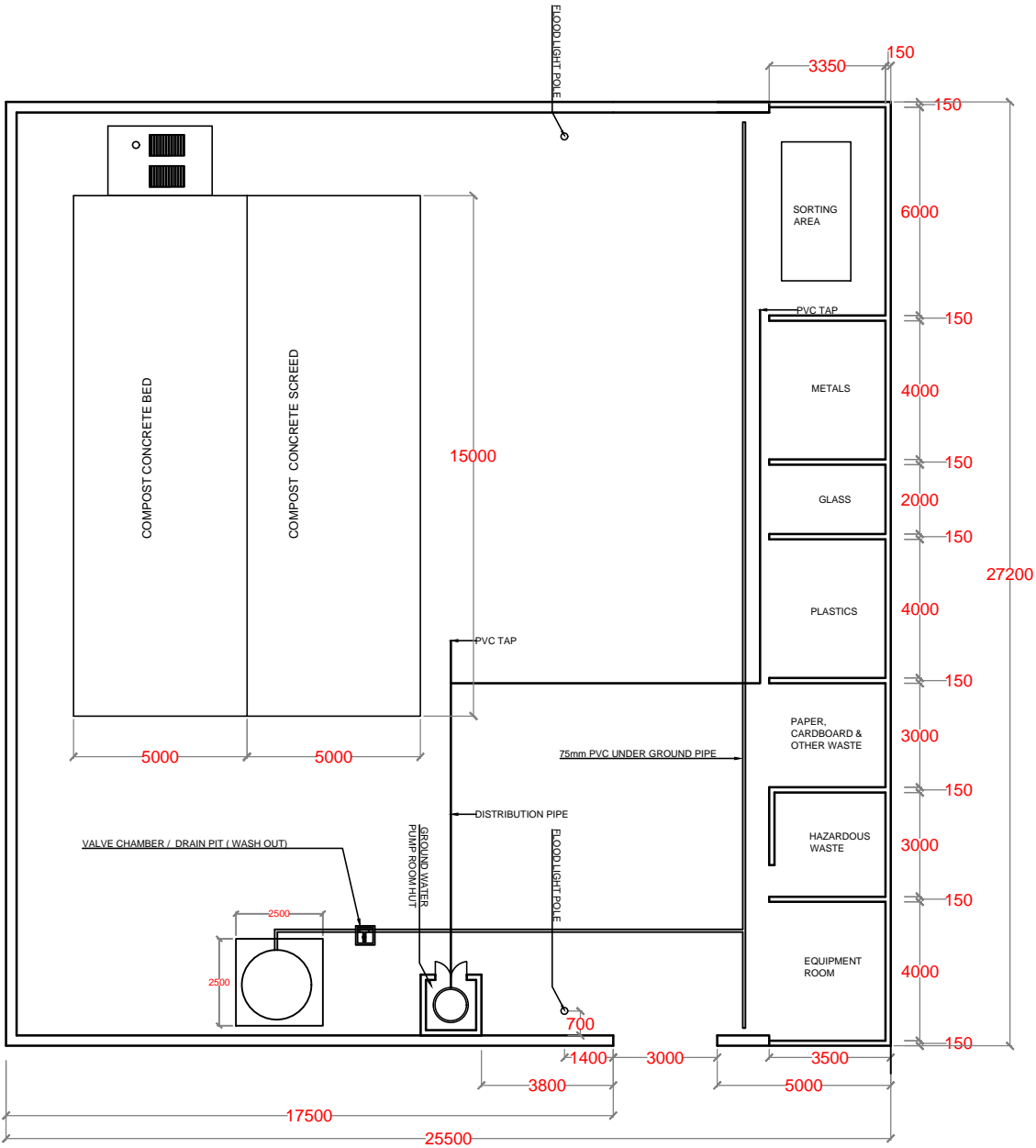
BATTEN & RAFTERS



NO.	REVISION	DATE
PREPARED BY: G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY: FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY: AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY: <div> United Nations Development Programme</div>		
IMPLEMENTING PARTNER: <div> Ministry of Environment and Energy</div>		
PROGRAMME: <div> Low Emission Climate Resilient Development <small>Low Emission Climate Resilient Development</small></div>		
PROJECT NAME: CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME: LAAMU. KUNAHANDHOO		
LOCATION: ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME: ROOF FRAME PLAN		
DRAWING NO: 00088179/2017/IWMC/KUN/004		
DATE :	APRIL 2017	
SCALE :	1:100	
PROJECT NO :	00088179	

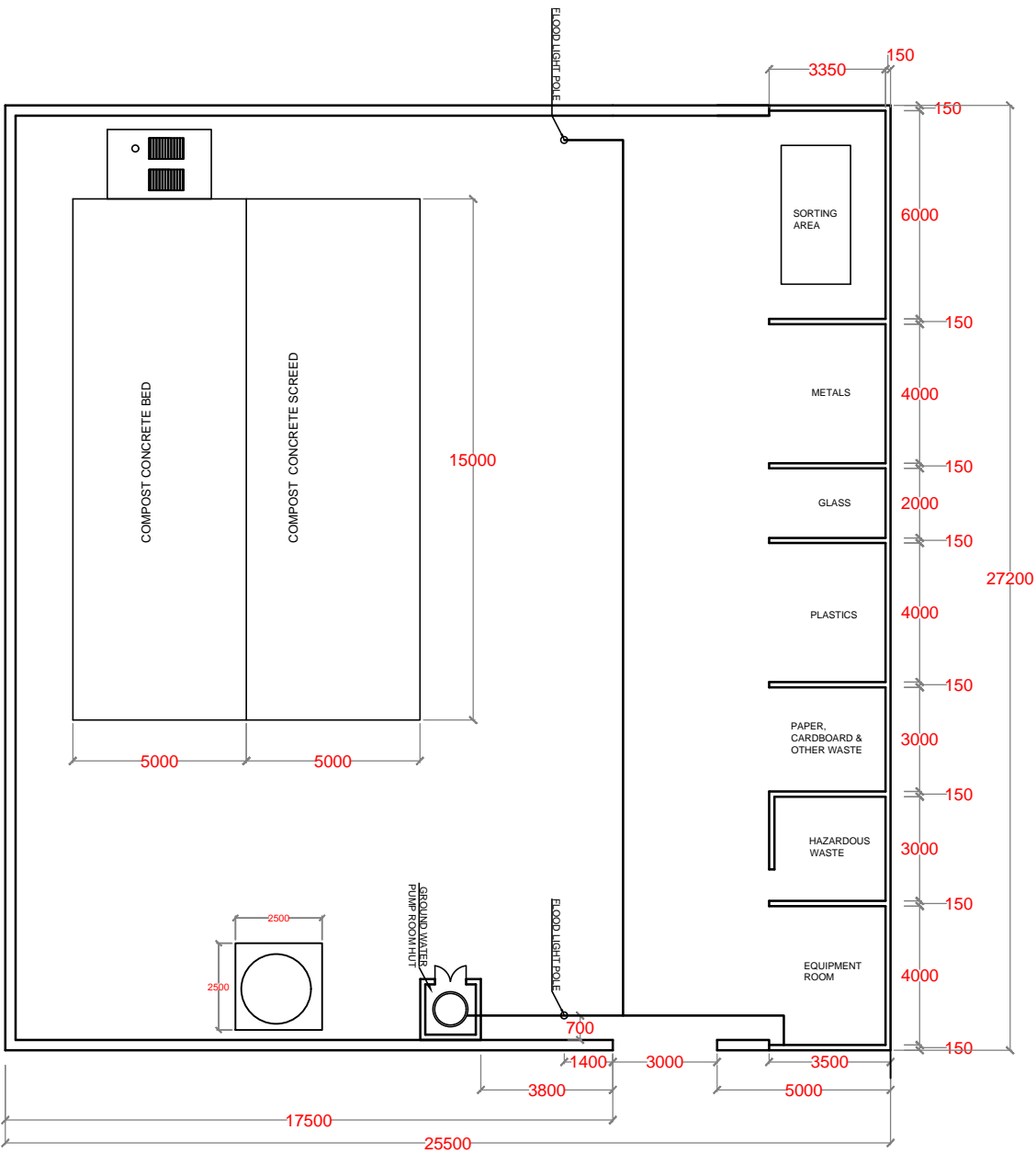


ROOF PLAN

NO.	REVISION	DATE
PREPARED BY: G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY: FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY: AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY: <div> United Nations Development Programme</div>		
IMPLEMENTING PARTNER: <div> Ministry of Environment and Energy</div>		
PROGRAMME: <div> Low Emission Climate Resilient Development</div>		
PROJECT NAME: CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME: LAAMU. KUNAHANDHOO		
LOCATION: ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME: ROOF PLAN		
DRAWING NO: 00088179/2017/IWMC/KUN/005		
DATE :	APRIL 2017	
SCALE :	1:100	
PROJECT NO :	00088179	



NO.	REVISION	DATE
PREPARED BY: G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY: FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY: AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY: <div> United Nations Development Programme</div>		
IMPLEMENTING PARTNER: <div> Ministry of Environment and Energy</div>		
PROGRAMME: <div> Low Emission Climate Resilient Development <small>Programme funded by the Government of Maldives and supported by the Government of Maldives and the Government of Maldives</small></div>		
PROJECT NAME: CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME: LAAMU. KUNAHANDHOO		
LOCATION: ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME: PLUMBING LAYOUT		
DRAWING NO: 00088179/2017/IWMC/KUN/006		
DATE :	APRIL 2017	
SCALE :	1:200	
PROJECT NO :	00088179	

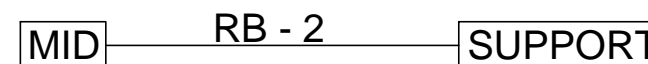
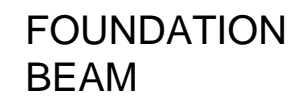


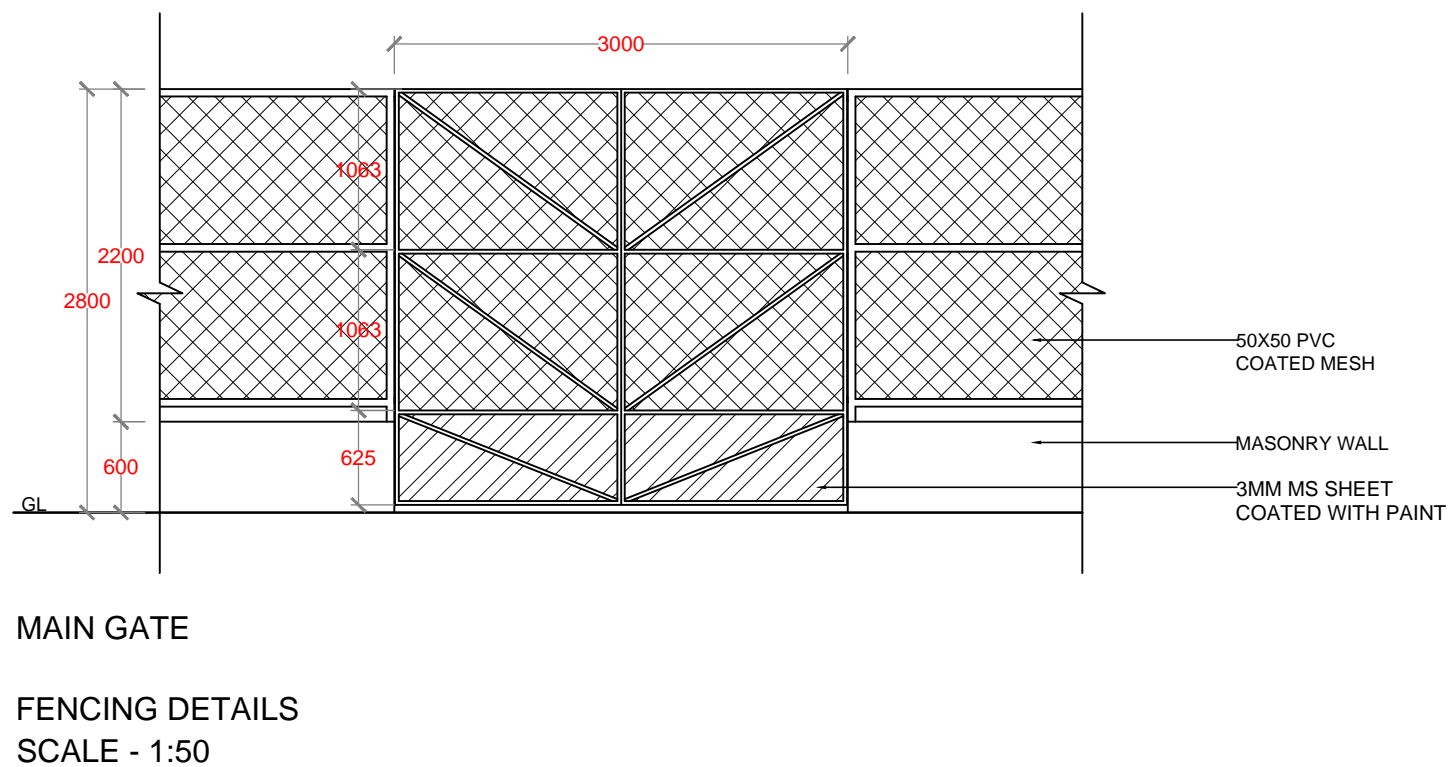
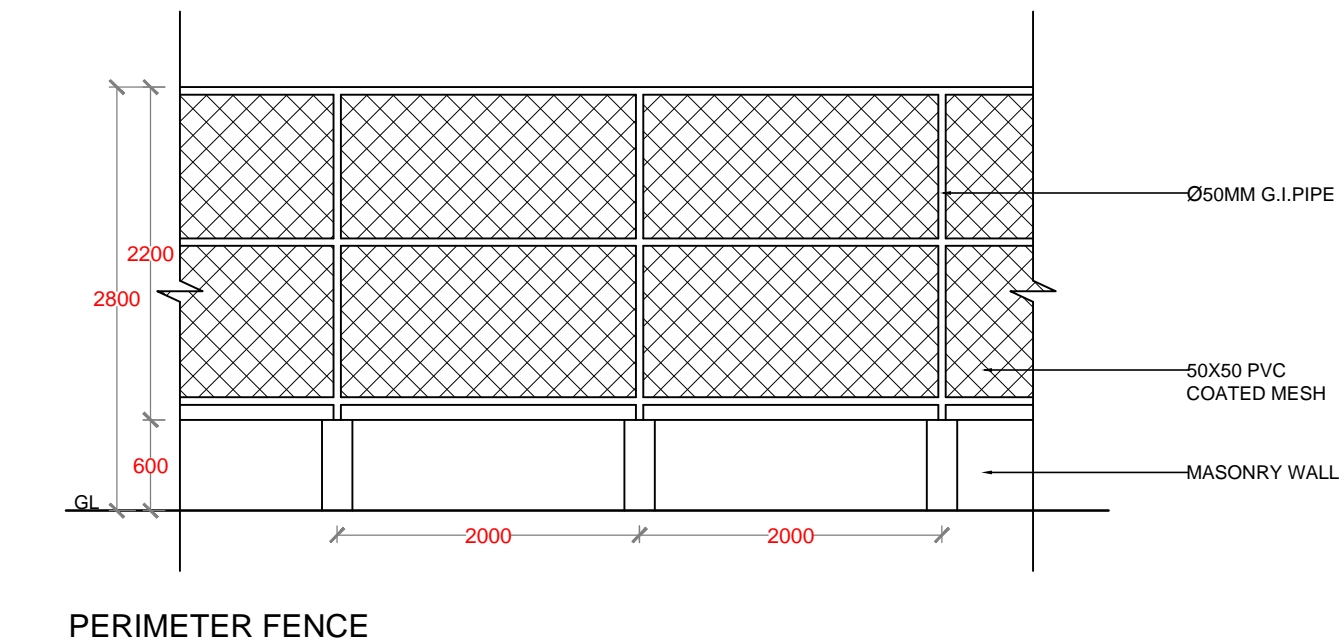
NO.	REVISION	DATE
PREPARED BY: G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY: FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY: AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY: <div> United Nations Development Programme</div>		
IMPLEMENTING PARTNER: <div> Ministry of Environment and Energy</div>		
PROGRAMME: <div> Low Emission Climate Resilient Development <small>Programme funded by the Government of Maldives and the Government of Ministry of Environment and Energy</small></div>		
PROJECT NAME: CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME: LAAMU. KUNAHANDHOO		
LOCATION: ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME: ELECTRICAL LAYOUT		
DRAWING NO: 00088179/2017/IWMC/KUN/007		
DATE :	APRIL 2017	
SCALE :	1:200	
PROJECT NO :	00088179	




CONTENT

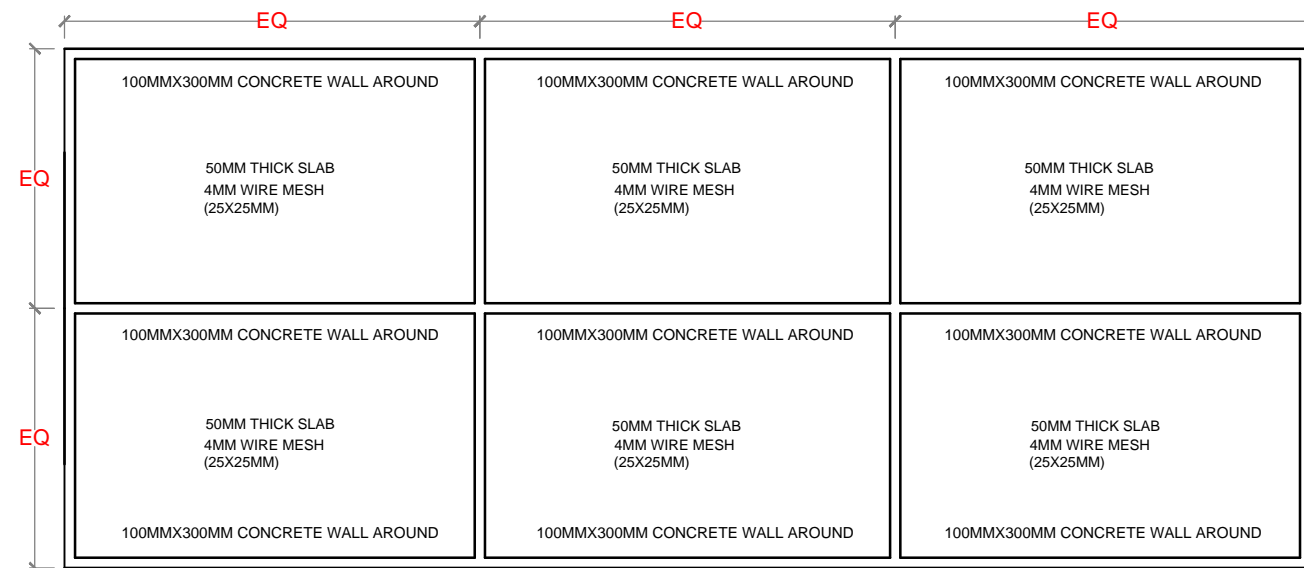
STANDARD DRAWINGS (APPLICABLE FOR ALL ISLANDS)

SL.NO	DRAWING NAME	DRAWING NUMBER
1	STRUCTURAL DETAILS - 1	00088179/2017/IWMC/SD/001
2	STRUCTURAL DETAILS - 2	00088179/2017/IWMC/SD/002
3	CONCRETE BED / SCREED REINFORCEMENT DETAIL	00088179/2017/IWMC/SD/003
4	CONCRETE BED / SCREED PLAN	00088179/2017/IWMC/SD/003A
5	SORTING TABLE	00088179/2017/IWMC/SD/004
6	LEACHETE TANK	00088179/2017/IWMC/SD/005
7	ELEVATION & SECTION	00088179/2017/IWMC/SD/006
8	PUMP ROOM HUT DETAILS	00088179/2017/IWMC/SD/007
9	SLIDING DOOR DETAILS	00088179/2017/IWMC/SD/008
10	ELECTRICAL LAYOUT	00088179/2017/IWMC/SD/009
11	GROUND WATER WELL & RAINWATER TANK DETAILS	00088179/2017/IWMC/SD/010
12	FLOOD LIGHT DETAILS	00088179/2017/IWMC/SD/011
13	STREET DB STAND & CABLE TRENCH DETAILS	00088179/2017/IWMC/SD/012

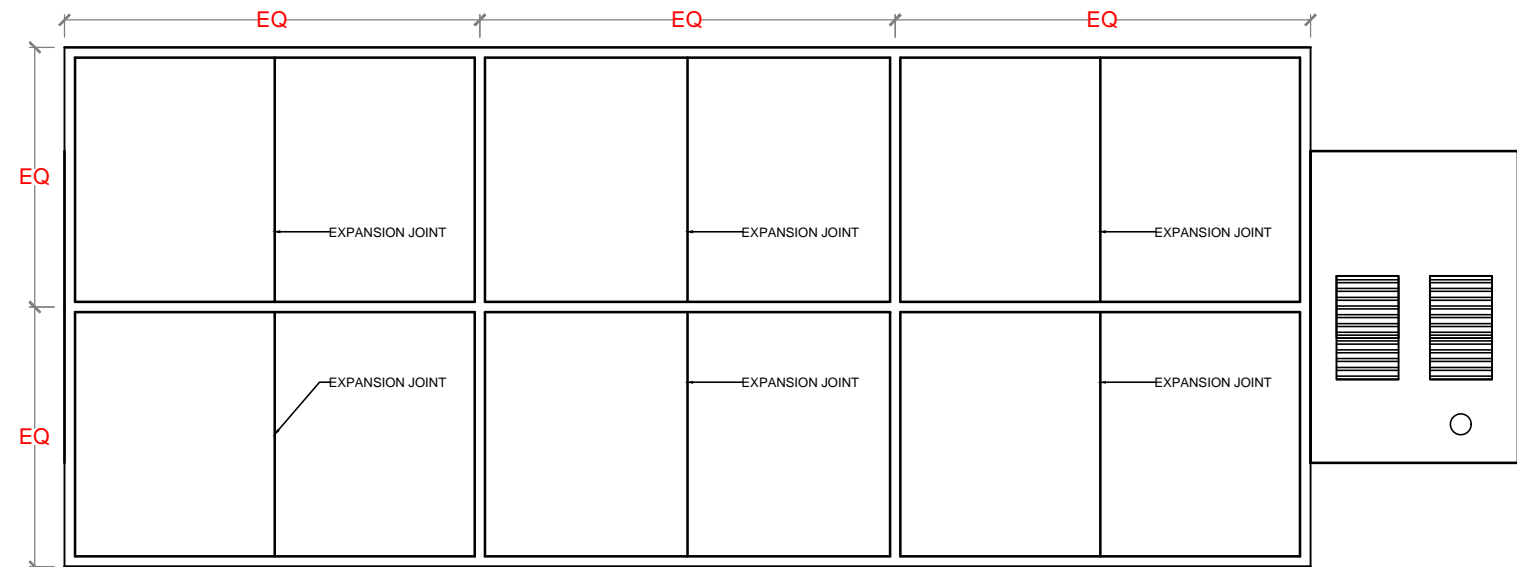
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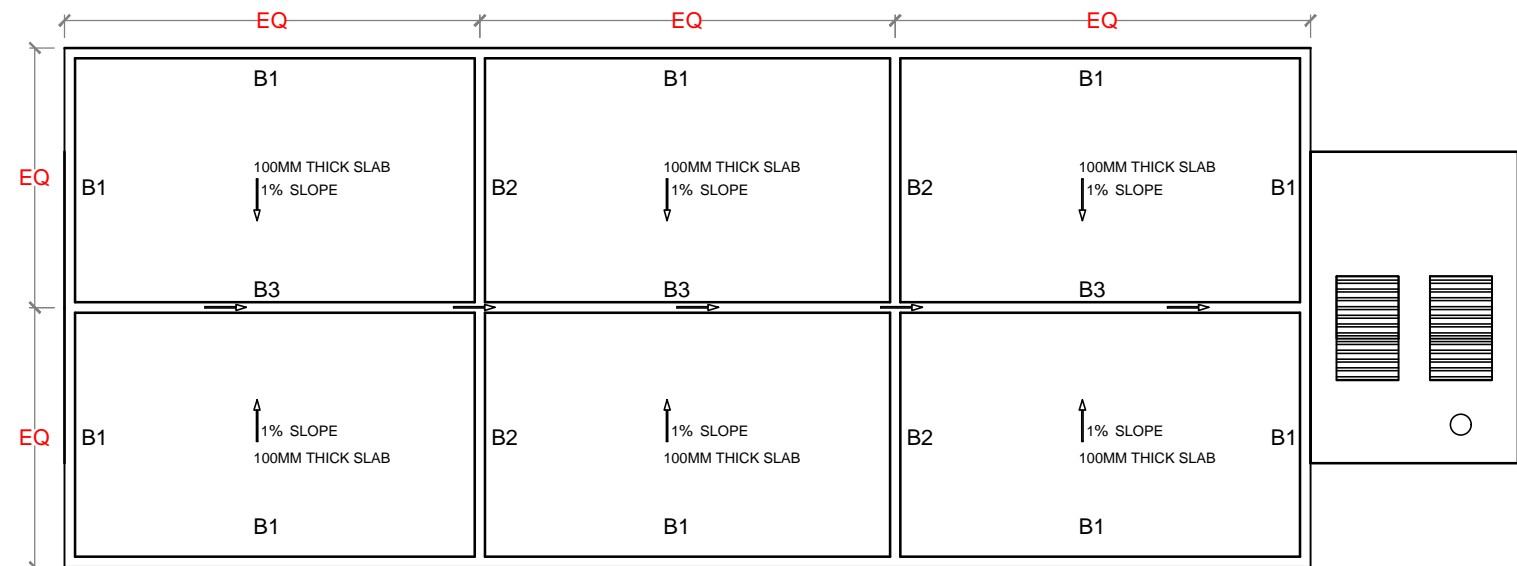
NO.	REVISION	DATE
PREPARED BY: G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY: FATHIMATH SHAFATH-ATH ENGINEER- MEE		
APPROVED BY: AISHATH AZFA PROJECT MANAGER-LECREDD-UNDP		
IMPLEMENTING AGENCY:		
	United Nations Development Programme	
IMPLEMENTING PARTNER:		
	Ministry of Environment and Energy	
PROGRAMME:		
 <small>Low Emission Climate Resilient Development</small>	Low Emission Climate Resilient Development <small>The Government of Maldives has been selected as one of the first countries to implement LCReD under the UNFCCC's Least Developed Countries Fund (LDCF). The programme aims to enhance climate resilience and reduce greenhouse gas emissions through various projects across different sectors.</small>	
PROJECT NAME:		
CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME:		
LAAMU.		
LOCATION:		
ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:		
STRUCTURAL DETAILS - 2		
DRAWING NO:		
00088179/2017/IWMC/SD/002		
DATE :	APRIL 2017	
SCALE :	1:50	
PROJECT NO :	00088179	



COMPOST CONCRETE SCREED - PLAN

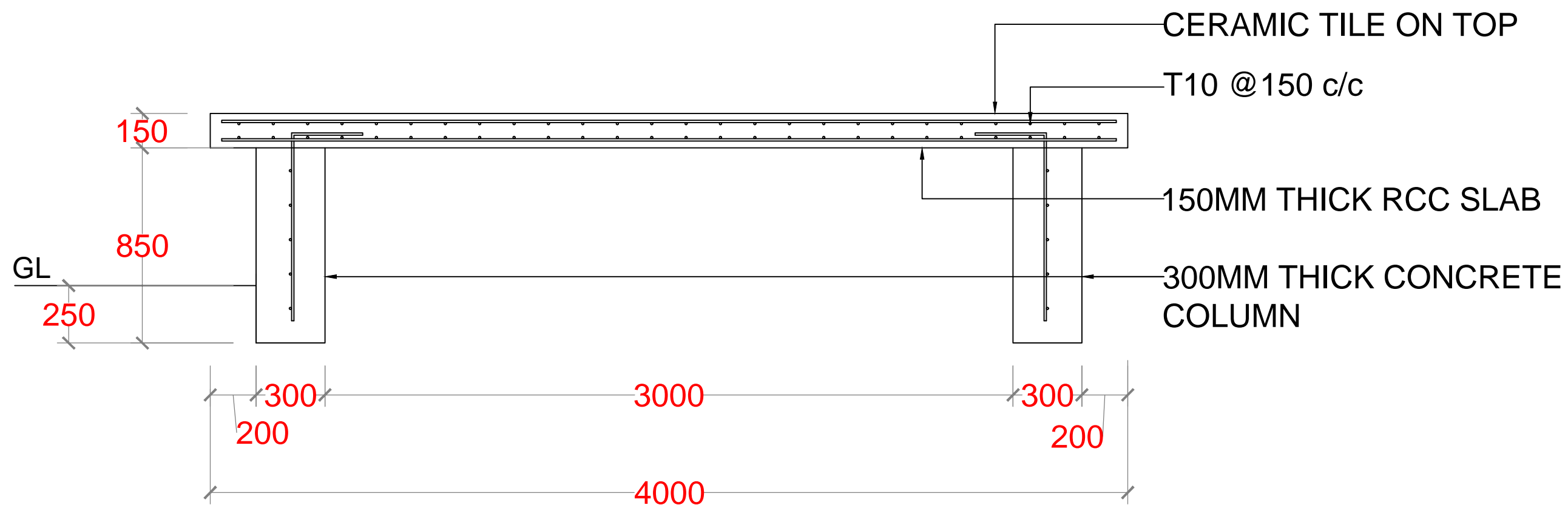


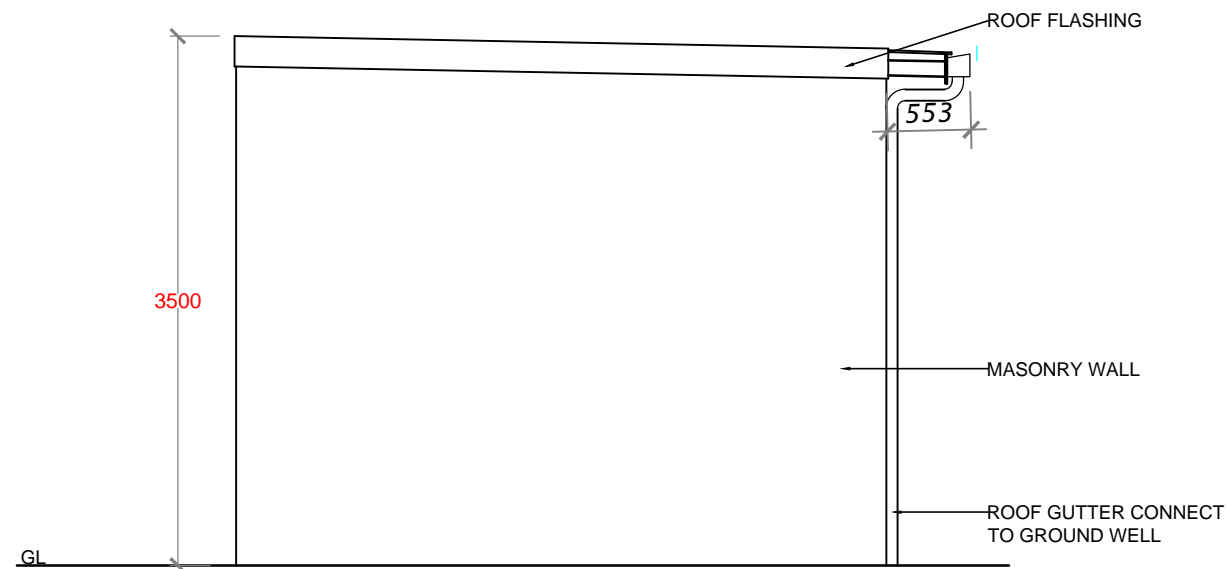
COMPOST SLAB - JOINTS AND SPACING



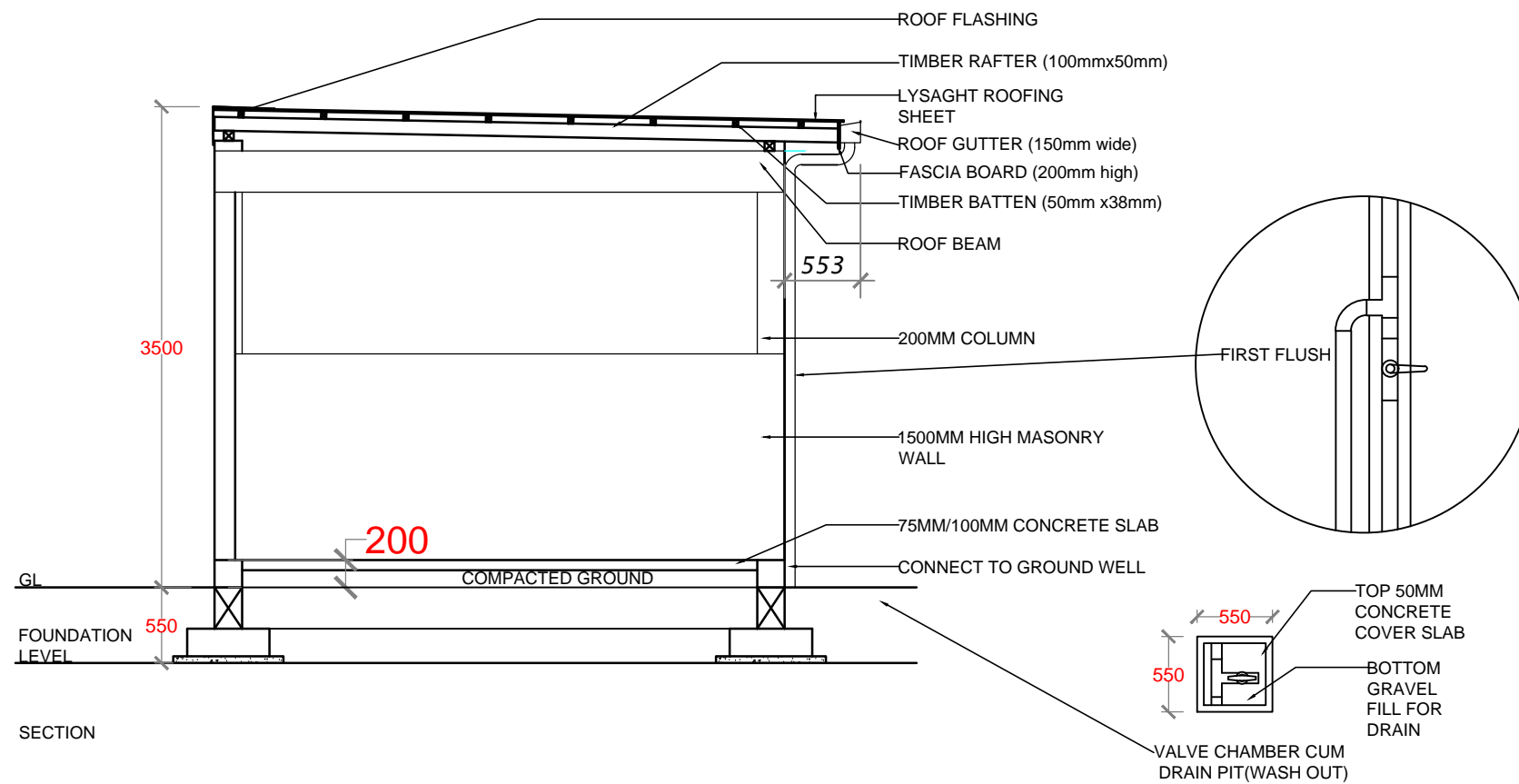
COMPOST SLAB - PLAN

NO.	REVISION	DATE
PREPARED BY: G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY: FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY: AISHATH AZFA PROJECT MANAGER-LECRD-UNDP		
IMPLEMENTING AGENCY:  United Nations Development Programme		
IMPLEMENTING PARTNER:  Ministry of Environment and Energy		
PROGRAMME:  Low Emission Climate Resilient Development <small>Low Emission Climate Resilient Development</small>		
PROJECT NAME: CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME: LAAMU.		
LOCATION: ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME: CONCRETE BED / SCREED REINFORCEMENT DETAIL		
DRAWING NO: 00088179/2017/IWMC/SD/003A		
DATE :	APRIL 2017	
SCALE :	1:20	
PROJECT NO :	00088179	




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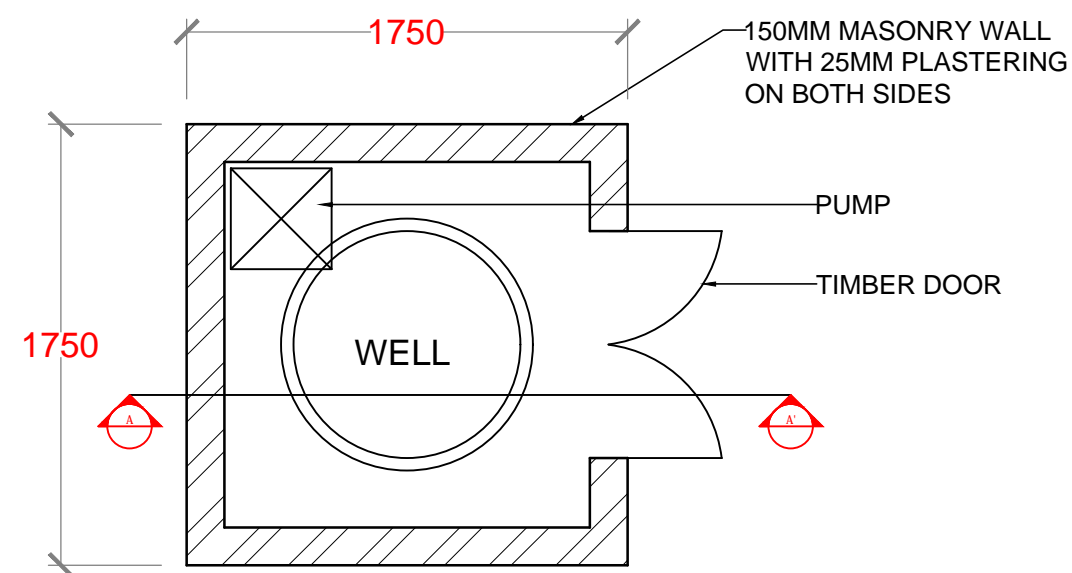


ELEVATION

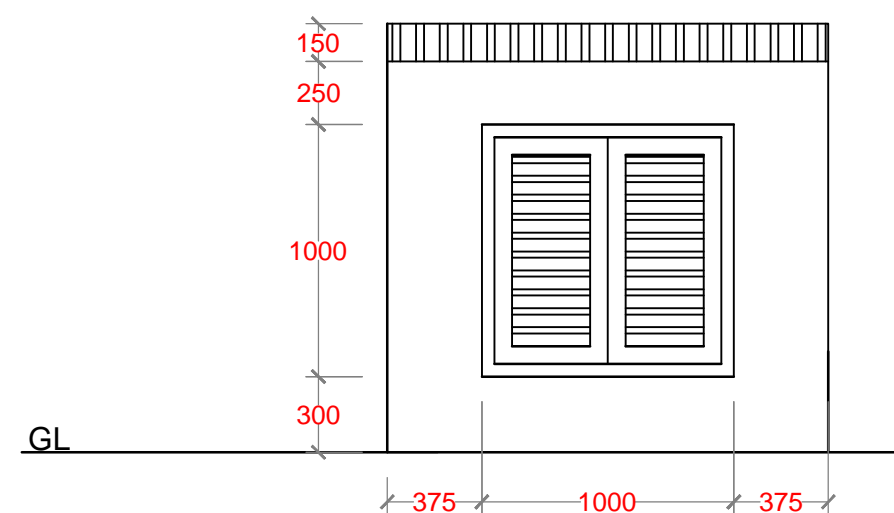


SECTION

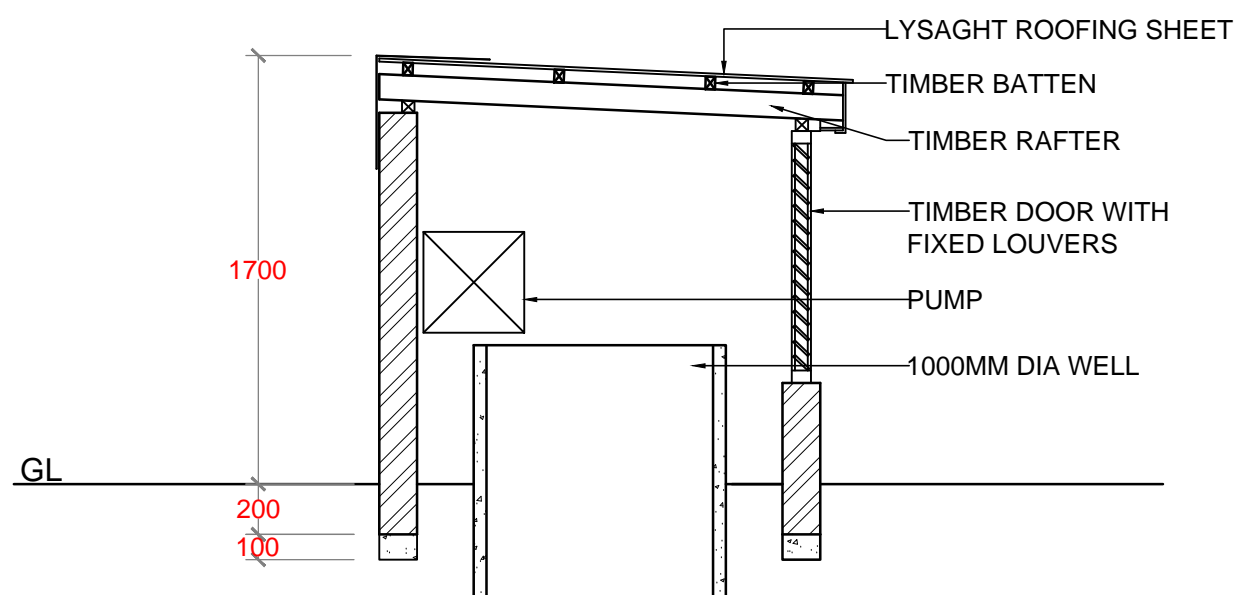
NO.	REVISION	DATE
PREPARED BY:		
G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:		
FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY:		
AISHATH AZFA PROJECT MANAGER-LECRD-UNDP		
IMPLEMENTING AGENCY:		
 United Nations Development Programme		
IMPLEMENTING PARTNER:		
 Ministry of Environment and Energy		
PROGRAMME:		
 Low Emission Climate Resilient Development LECRD		
PROJECT NAME:		
CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME:		
LAAMU.		
LOCATION:		
ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:		
ELEVATION & SECTION		
DRAWING NO:		
00088179/2017/IWMC/SD/006		
DATE :	APRIL 2017	
SCALE :	1:50	
PROJECT NO :	00088179	



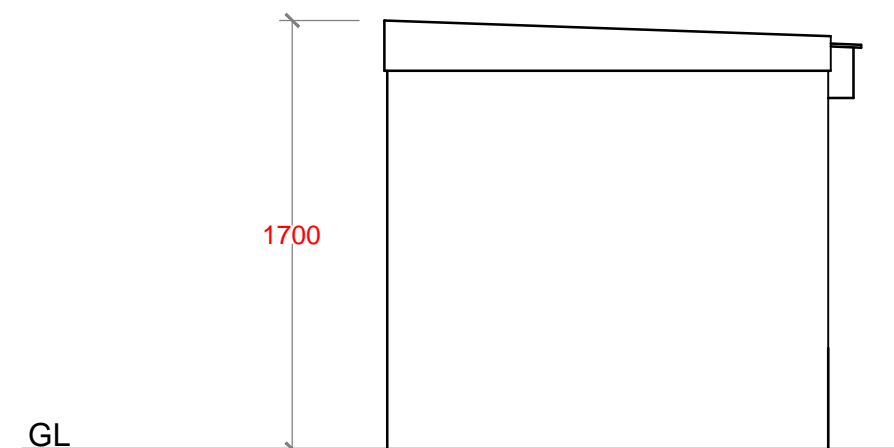
PUMP ROOM HUT PLAN



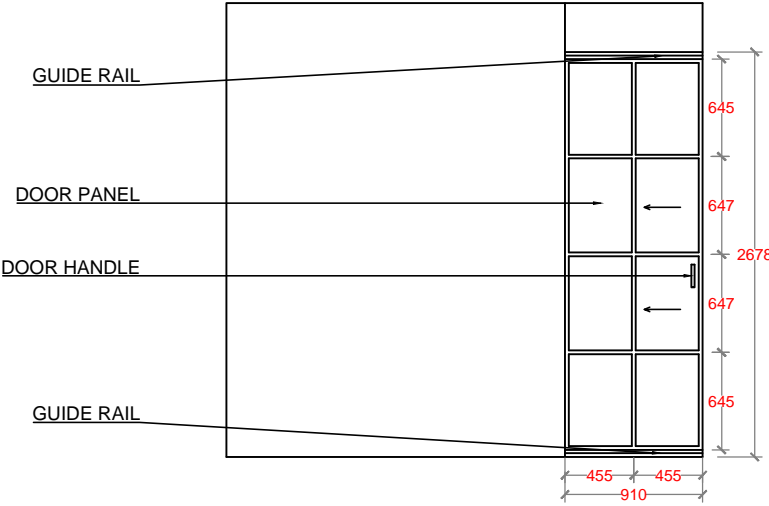
FRONT ELEVATION



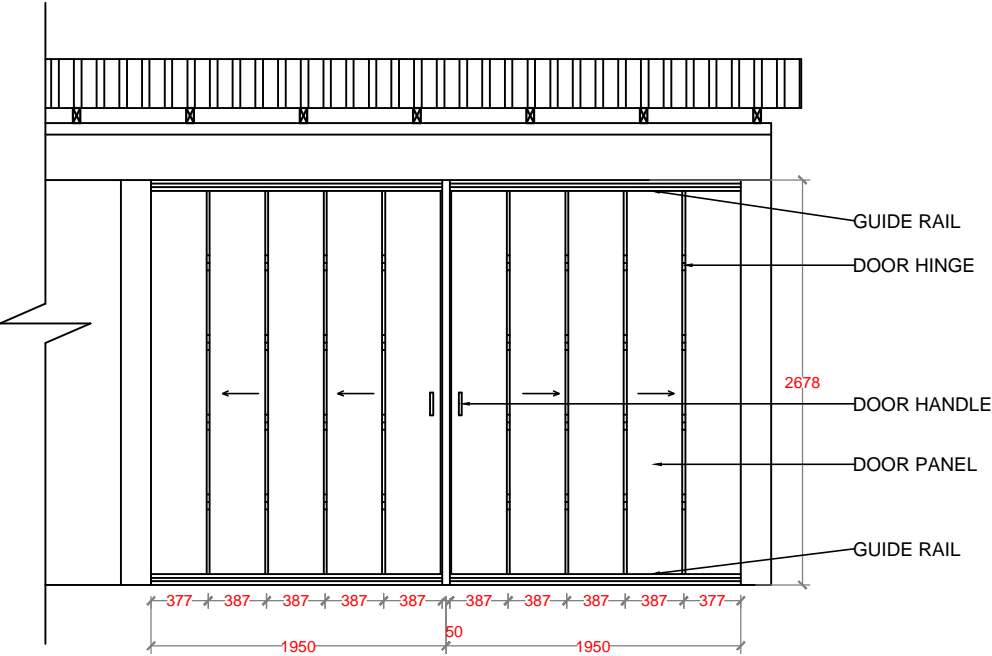
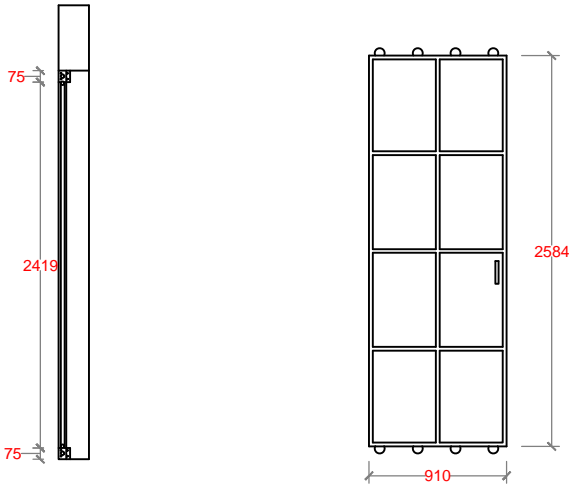
SECTION AA'



SIDE ELEVATION

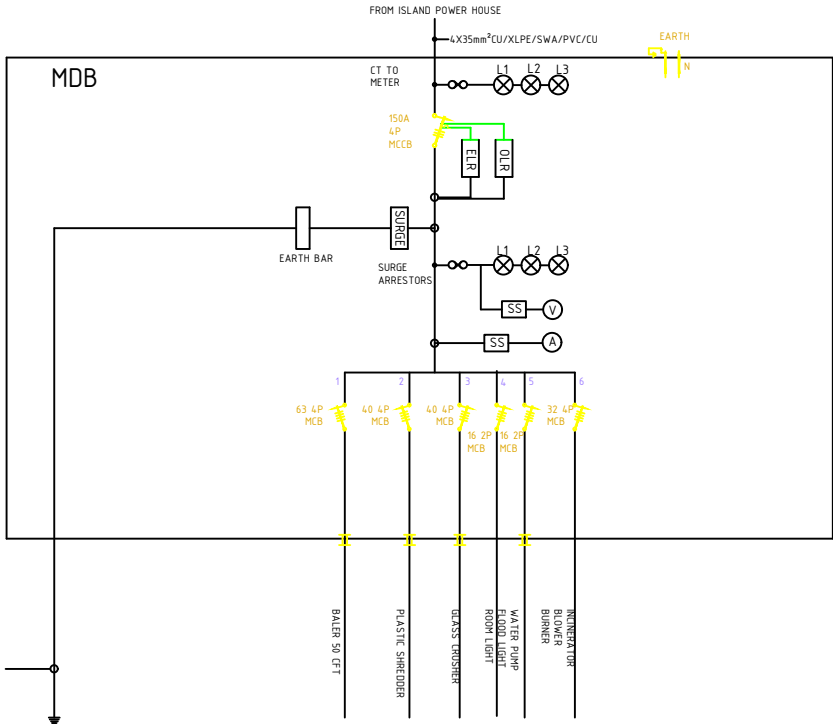


HAZARDOUS ROOM - METAL SLIDING DOOR

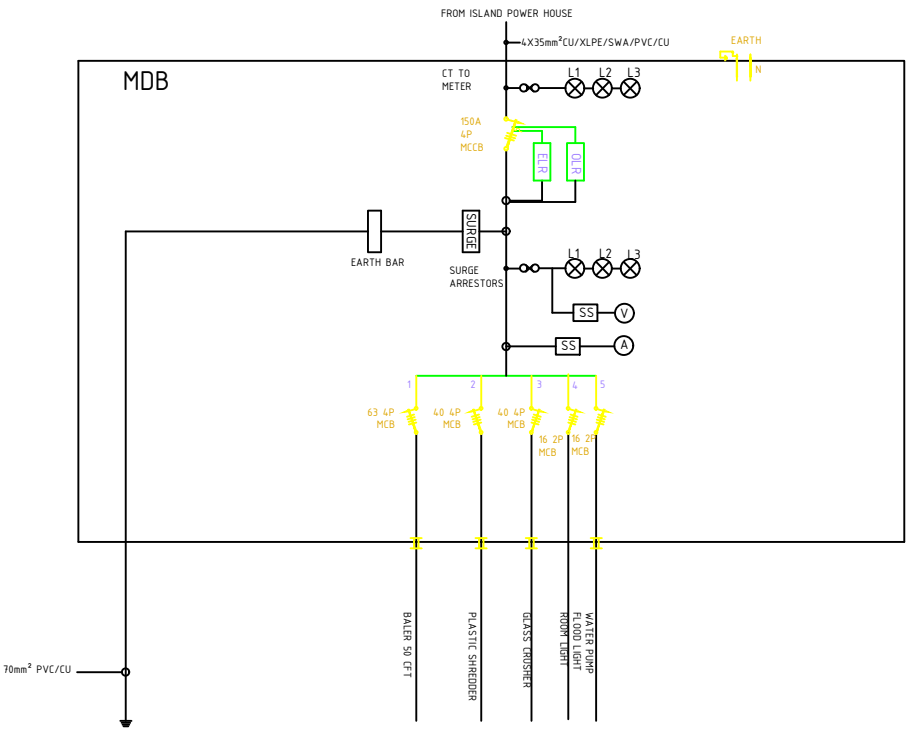


EQUIPMENT ROOM - METAL SLIDING DOOR

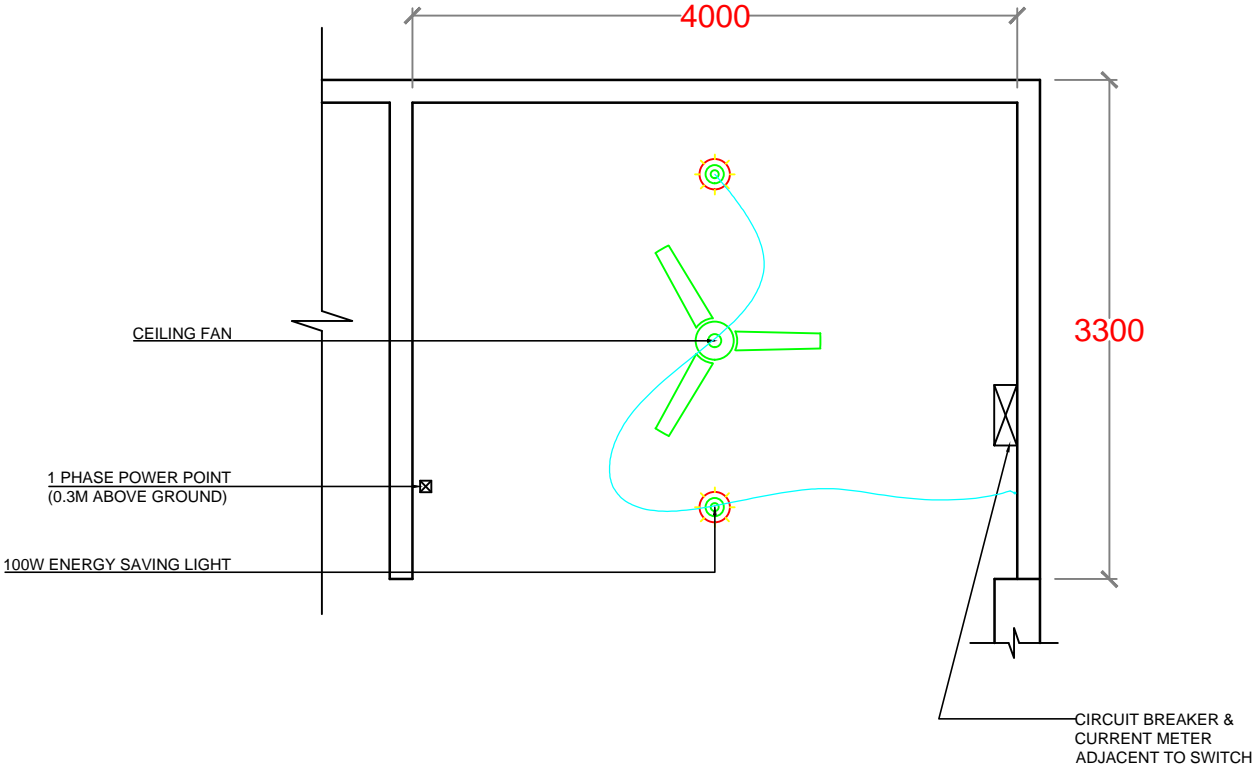
NO.	REVISION	DATE
PREPARED BY: G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY: FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY: AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY: <div> United Nations Development Programme</div>		
IMPLEMENTING PARTNER: <div> Ministry of Environment and Energy</div>		
PROGRAMME: <div> Low Emission Climate Resilient Development <small>Low Emission Climate Resilient Development</small></div>		
PROJECT NAME: CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME: LAAMU.		
LOCATION: ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME: SLIDING DOOR DETAILS		
DRAWING NO: 00088179/2017/IWMC/SD/008		
DATE :	APRIL 2017	
SCALE :	1:50	
PROJECT NO :	00088179	



PANEL BOARD (FOR FONADHOO)



PANEL BOARD (FOR 9 ISLANDS)



NO.	REVISION	DATE

PREPARED BY:
G.SARAVANAN
CONSULTANT-CIVIL ENGINEER

CHECKED BY:
FATHIMATH SHAFATH
ENGINEER- MEE

APPROVED BY:
AISHATH AZFA
PROJECT MANAGER-LECRE-UNDP

IMPLEMENTING AGENCY:



**United Nations
Development
Programme**

IMPLEMENTING PARTNER:



**Ministry of
Environment and
Energy**

PROGRAMME:



**Low Emission
Climate Resilient
Development**

Low Emission Climate Resilient Development

PROJECT NAME:
**CONSTRUCTION &
UPGRADE OF IWMC FOR 10
ISLANDS IN LAAMU ATOLL**

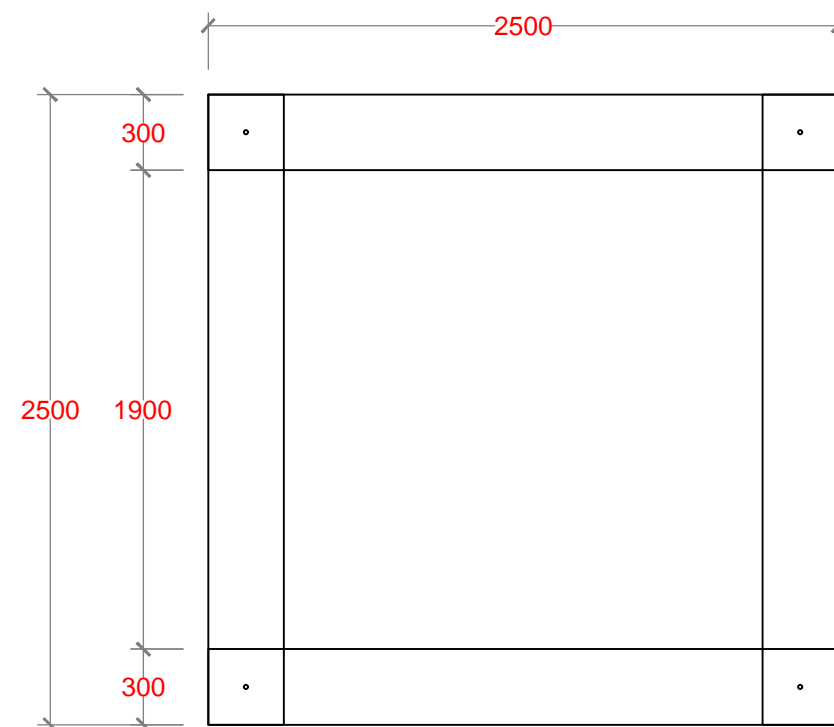
ISLAND NAME:
LAAMU.

LOCATION:
**ISLAND WASTE
MANAGEMENT CENTER**

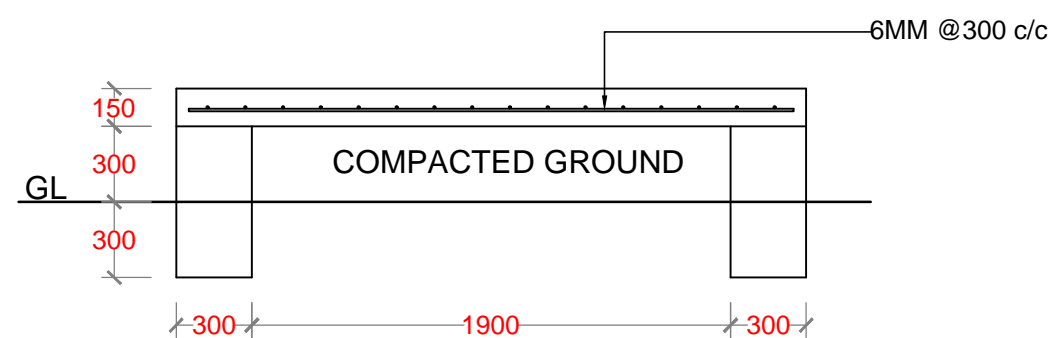
DRAWING NAME:
ELECTRICAL LAYOUT

DRAWING NO:
00088179/2017/IWMC/SD/009

DATE :	APRIL 2017
SCALE :	1:50
PROJECT NO :	00088179

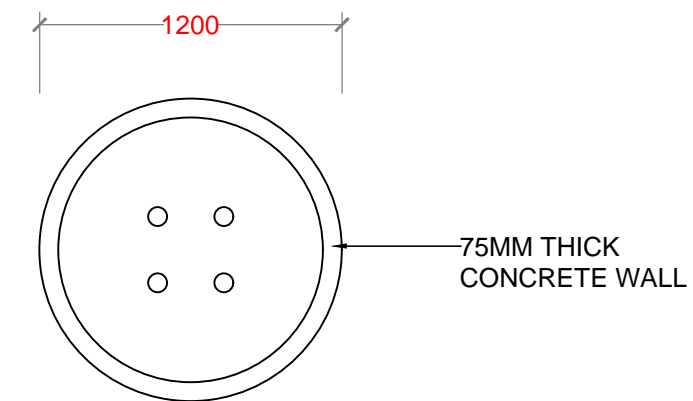


PLAN

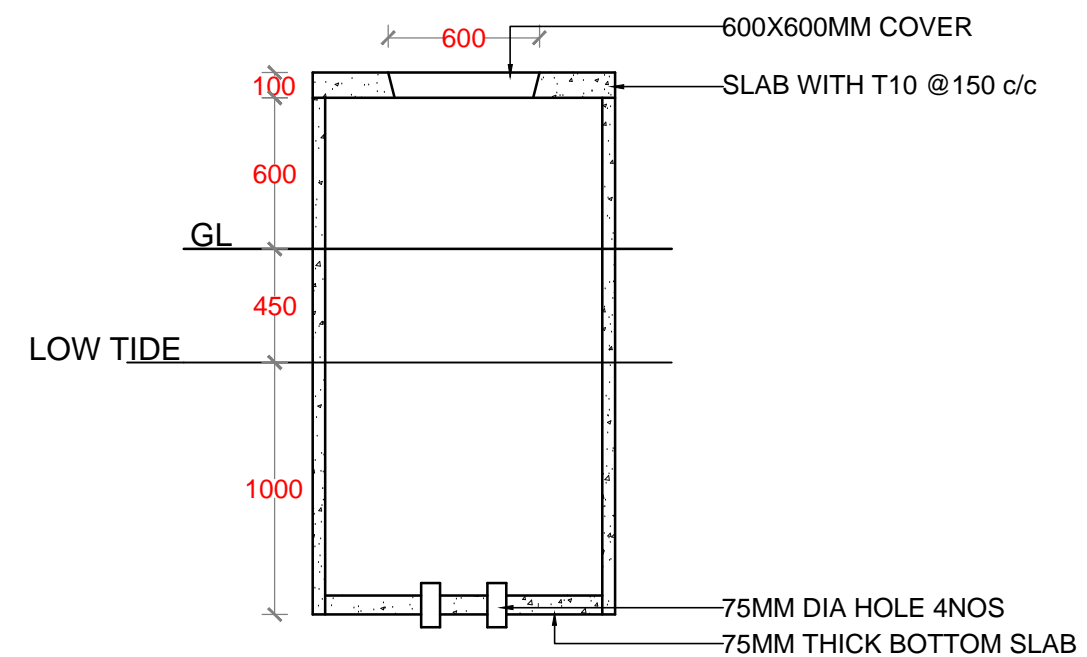


SECTION

RAINWATER TANK FOR 2500 Ltr



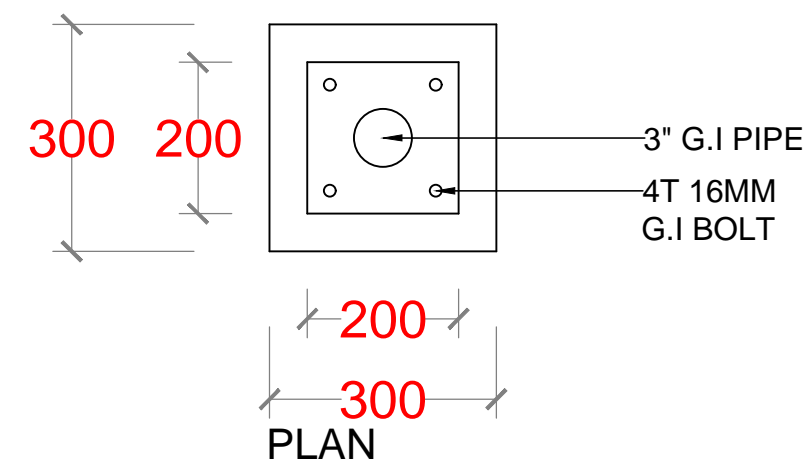
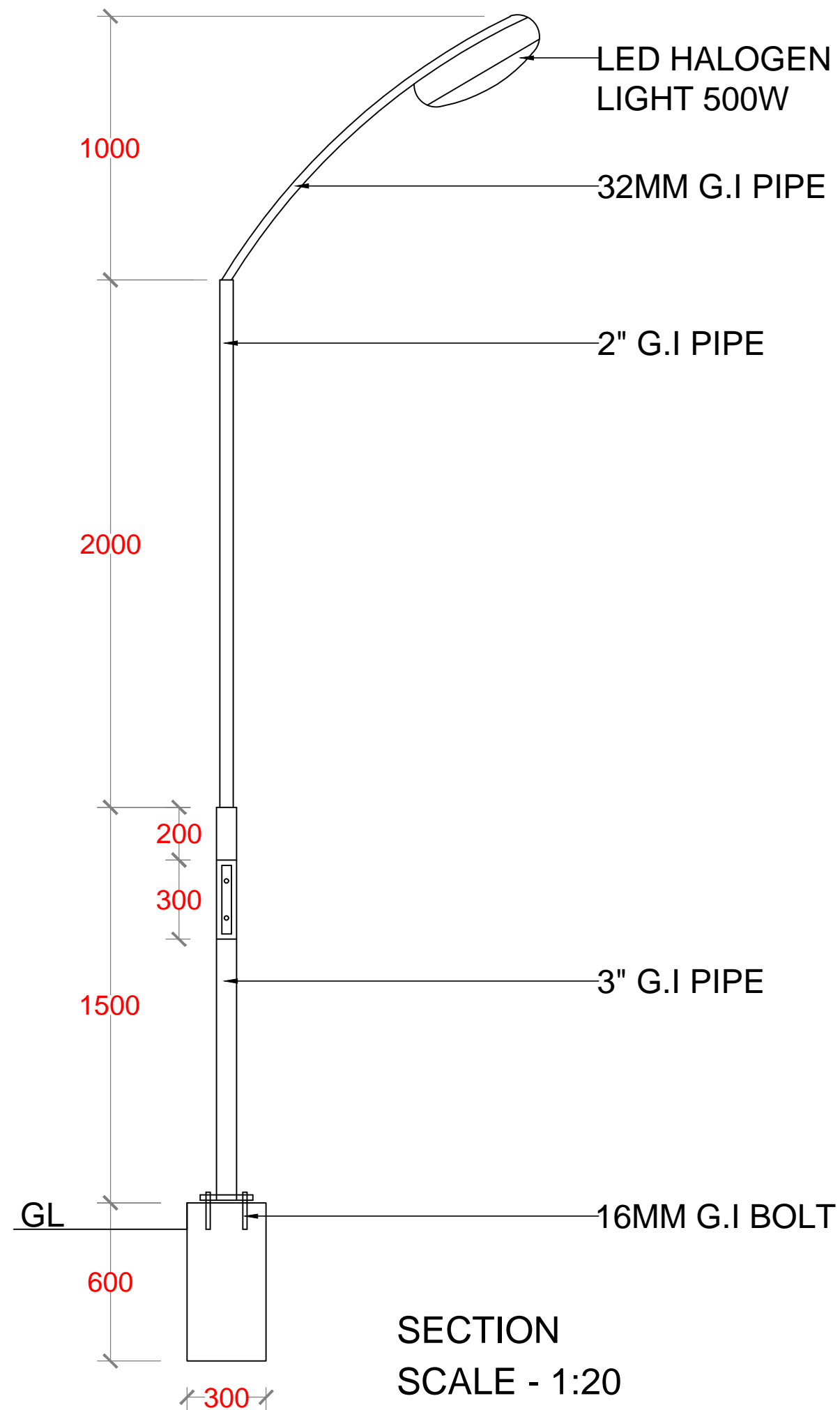
PLAN



SECTION

GROUND WATER WELL

[illegible]



NO.	REVISION	DATE
PREPARED BY:		
G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:		
FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY:		
AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY:		
 United Nations Development Programme		
IMPLEMENTING PARTNER:		
 Ministry of Environment and Energy		
PROGRAMME:		
 Low Emission Climate Resilient Development Low Emission Climate Resilient Development		
PROJECT NAME:		
CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME:		
LAAMU.		
LOCATION:		
ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:		
FLOOD LIGHT DETAILS		
DRAWING NO:		
00088179/2017/IWMC/SD/011		
DATE :	APRIL 2017	
SCALE :	AS SHOWN	
PROJECT NO :	00088179	

