



PROJECT

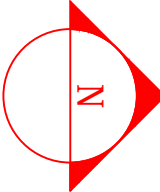
CONSTRUCTION OF ISLAND WASTE  
MANAGEMENT CENTER AT  
LAAMU.MAABAI DHOO ISLAND






PREPARED BY

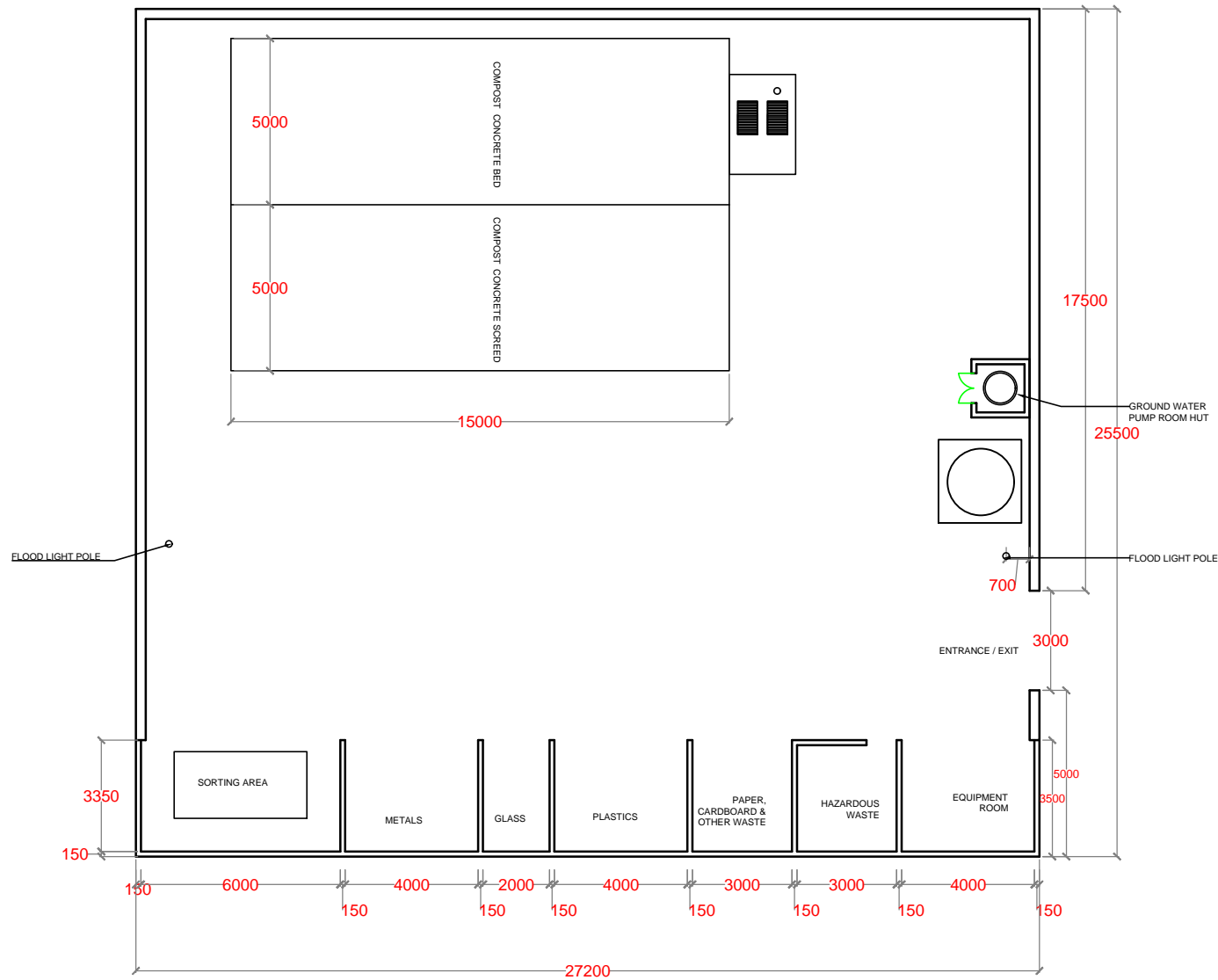
United Nations Development Programme

# CONTENT

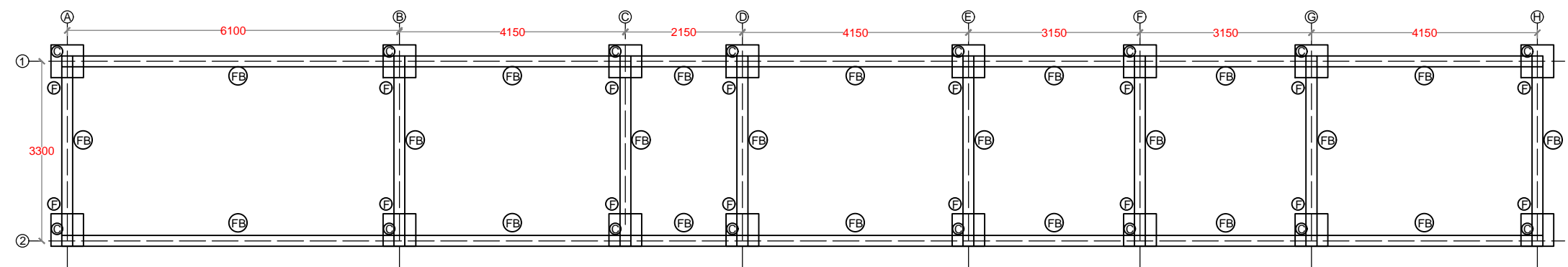
MAABAI DHOO DRAWINGS		
SL.NO	DRAWING NAME	DRAWING NUMBER
1	SITE PLAN	00088179/2017/IWMC/MAB/001
2	FLOOR PLAN	00088179/2017/IWMC/MAB/002
3	FOUNDATION PLAN	00088179/2017/IWMC/MAB/003
4	ROOF FRAME PLAN	00088179/2017/IWMC/MAB/004
5	ROOF PLAN	00088179/2017/IWMC/MAB/005
6	PLUMBING LAYOUT	00088179/2017/IWMC/MAB/006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



NO.	REVISION	DATE
PREPARED BY:		
G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:		
FATHIMATH SHAFATH-ATH ENGINEER- MEE		
APPROVED BY:		
AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY:		
 United Nations Development Programme		
IMPLEMENTING PARTNER:		
 Ministry of Environment and Energy		
PROGRAMME:		
 <b>Low Emission Climate Resilient Development</b> LECReD <small>Developing countries are highly vulnerable to climate change impacts and need urgent support to build resilience and reduce greenhouse gas emissions. The LECReD programme provides technical assistance and financing to help developing countries design and implement low emission development strategies and plans.</small>  		
PROJECT NAME:		
CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME:		
LAAMU. MAABAI DHOO		
LOCATION:		
ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:		
SITE PLAN		
DRAWING NO:		
00088179/2017/IWMC/MAB/001		
DATE :	APRIL 2017	
SCALE :	1:200	
PROJECT NO :	00088179	

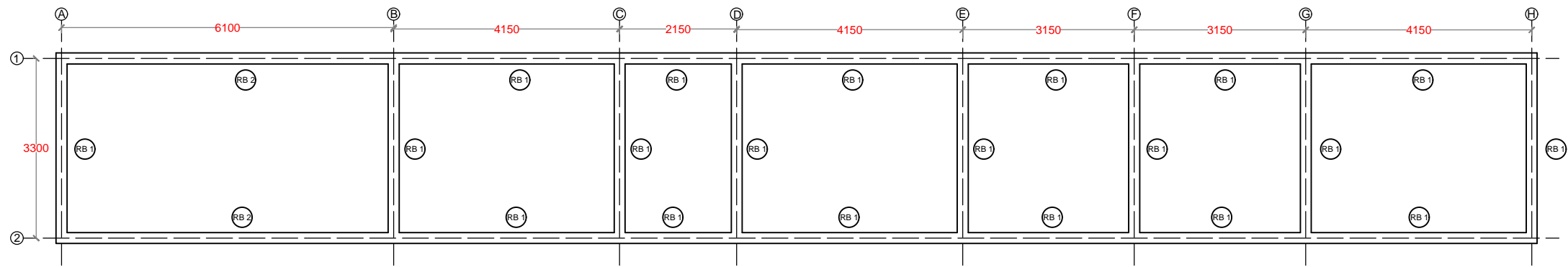


NO.	REVISION	DATE
PREPARED BY:  G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:  FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY:  AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY: <div> United Nations Development Programme</div>		
IMPLEMENTING PARTNER: <div> Ministry of Environment and 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. MAABAIHOO		
LOCATION:  ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:  FLOOR PLAN		
DRAWING NO:  00088179/2017/IWMC/MAB/002		
DATE :	APRIL 2017	
SCALE :	1:200	
PROJECT NO :	00088179	

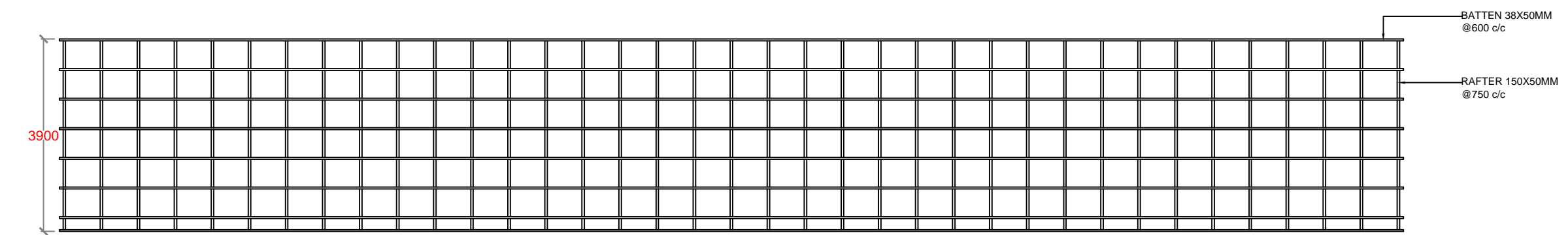


FOUNDATION PLAN




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: <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. MAABAIDOO		
LOCATION:  ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:  FOUNDATION PLAN		
DRAWING NO:  00088179/2017/IWMC/MAB/003		
DATE :	APRIL 2017	
SCALE :	1:100	
PROJECT NO :	00088179	

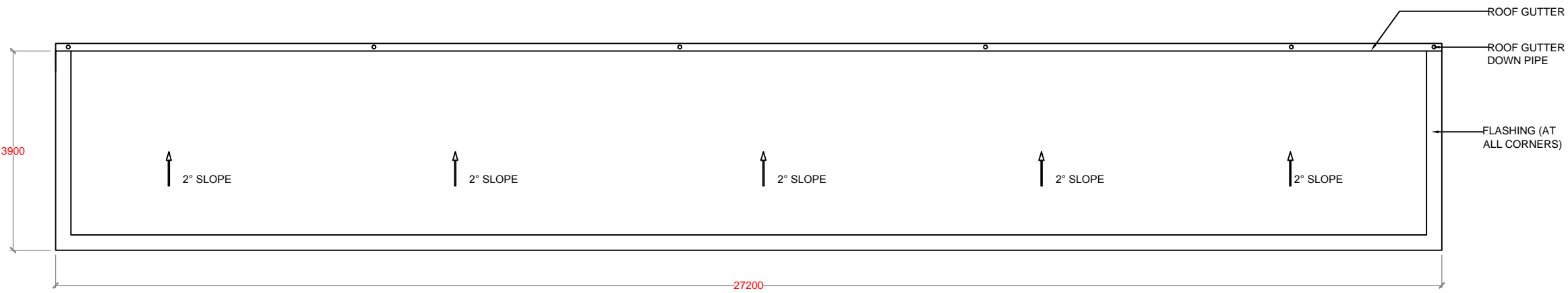


ROOF BEAM PLAN



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:   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. MAABAIDOO		
LOCATION:  ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:  ROOF FRAME PLAN		
DRAWING NO:  00088179/2017/IWMC/MAB/004		
DATE :	APRIL 2017	
SCALE :	1:100	
PROJECT NO :	00088179	

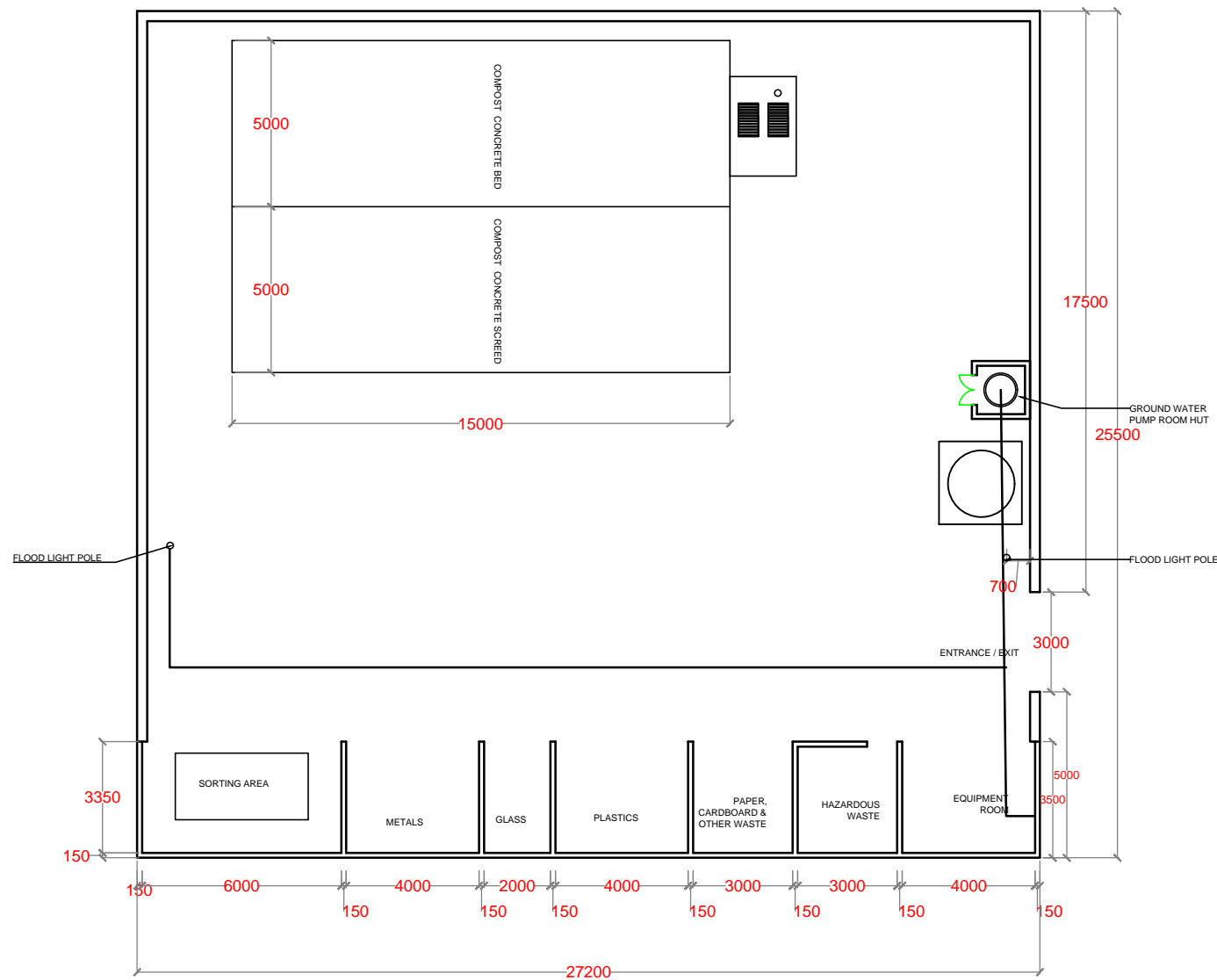



ROOF PLAN

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. MAABAIDOO		
LOCATION:  ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:  ROOF PLAN		
DRAWING NO:  00088179/2017/IWMC/MAB/005		
DATE :	APRIL 2017	
SCALE :	1:100	
PROJECT NO :	00088179	





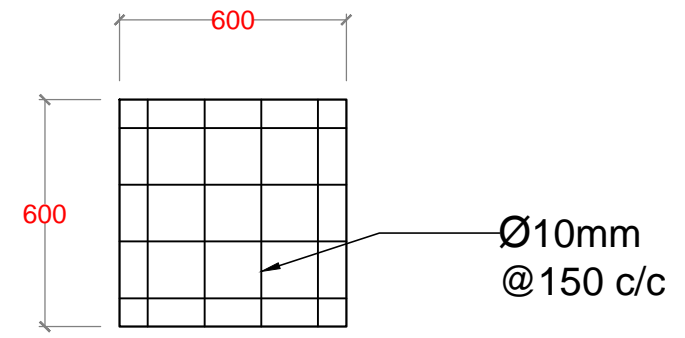


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PREPARED BY:  G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:  FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY:  AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY:   United Nations Development Programme		
IMPLEMENTING PARTNER:   Ministry 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. MAABAIDOO		
LOCATION:  ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:  ELECTRICAL LAYOUT		
DRAWING NO:  00088179/2017/IWMC/MAB/007		
DATE :	APRIL 2017	
SCALE :	1:200	
PROJECT NO :	00088179	

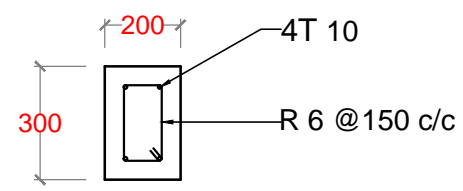
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## STANDARD DRAWINGS (APPLICABLE FOR ALL ISLANDS)

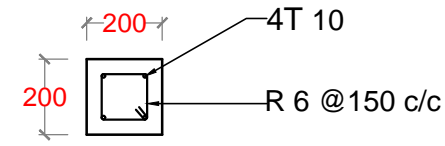
SL.NO	DRAWING NAME	DRAWING NUMBER
1	STRUCTURAL DETAILS - 1	00088179/2017/IWMC/SD/001
2	STRUCTURAL DETAILS - 2	00088179/2017/IWMC/SD/002
3	CONCRETE BED / SCREED REINFORCEMENT DETAIL	00088179/2017/IWMC/SD/003
4	CONCRETE BED / SCREED PLAN	00088179/2017/IWMC/SD/003A
5	SORTING TABLE	00088179/2017/IWMC/SD/004
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



FOUNDATION PLAN

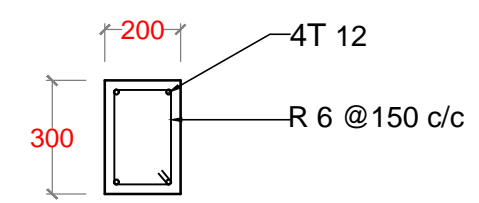


FOUNDATION BEAM

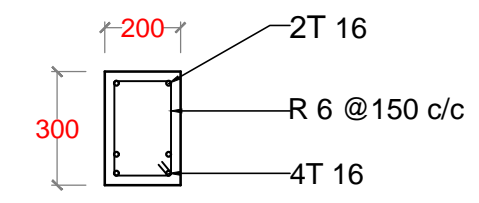


COLUMN

ROOF BEAM DETAILS

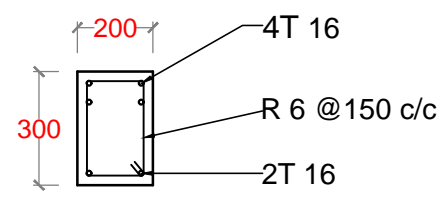


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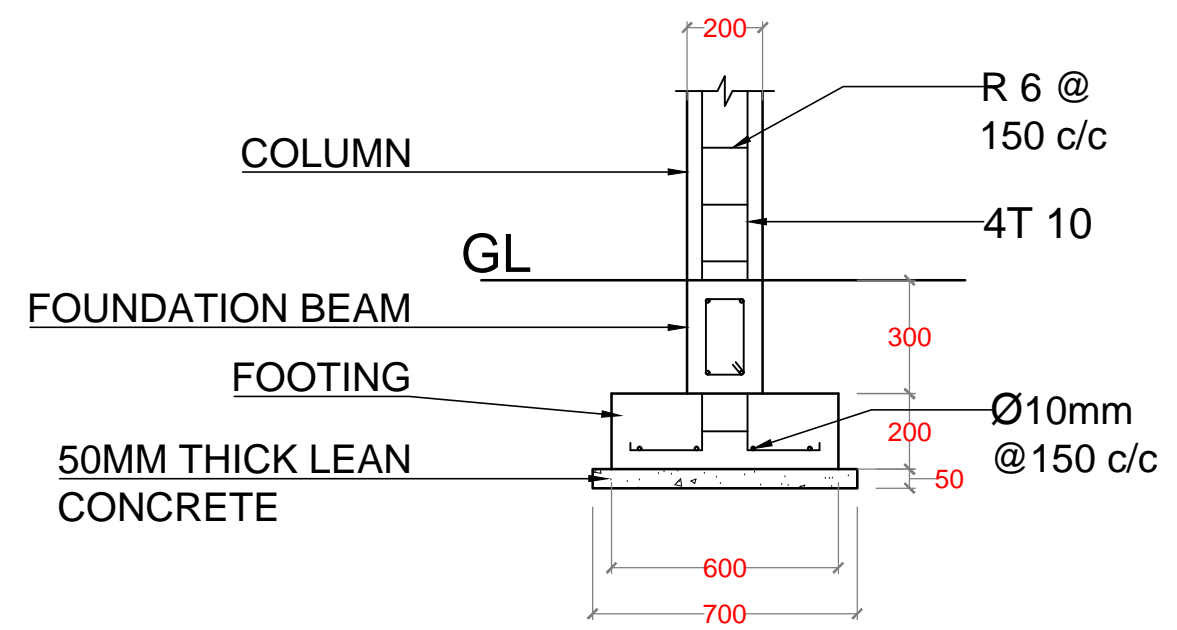


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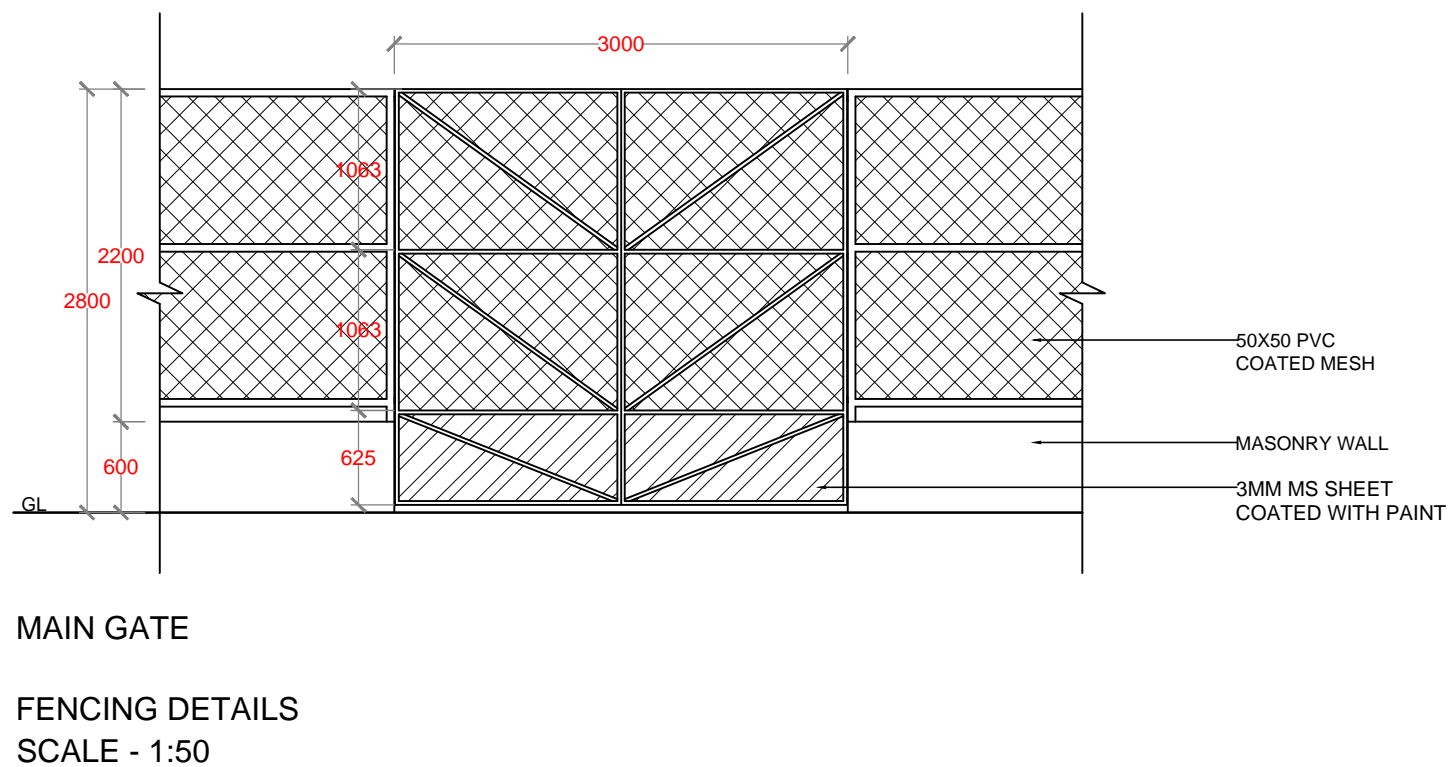
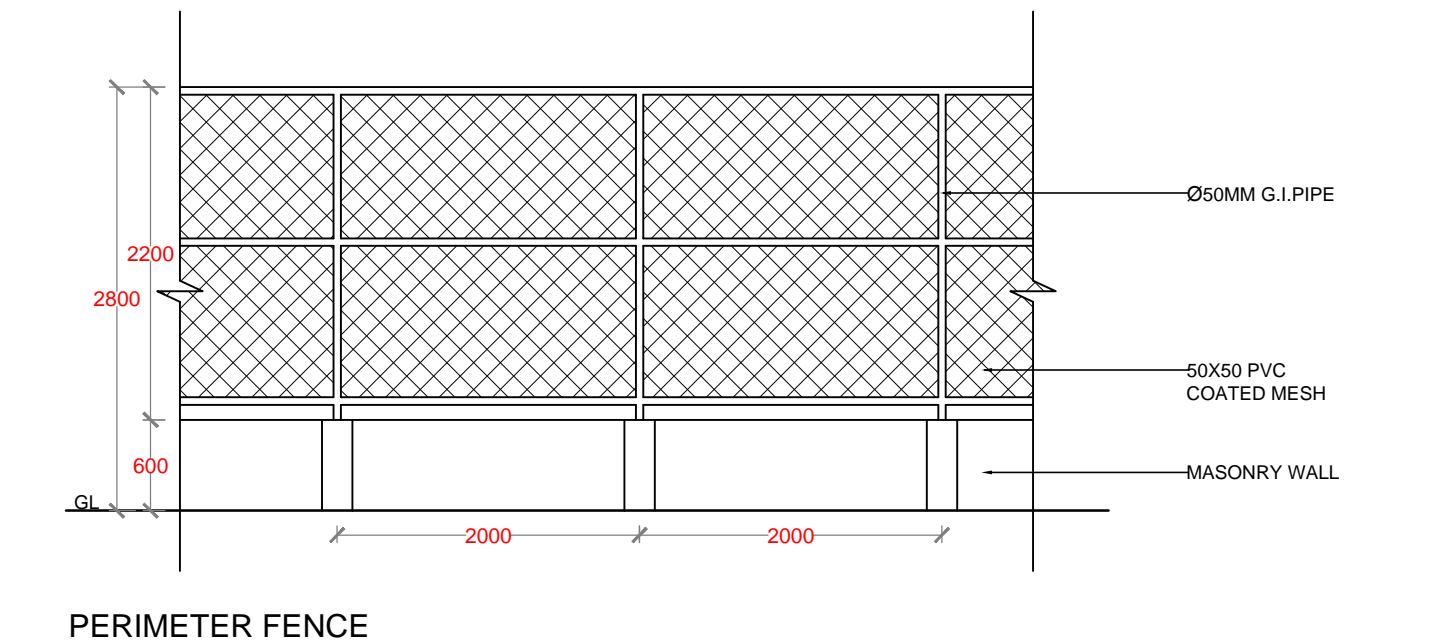


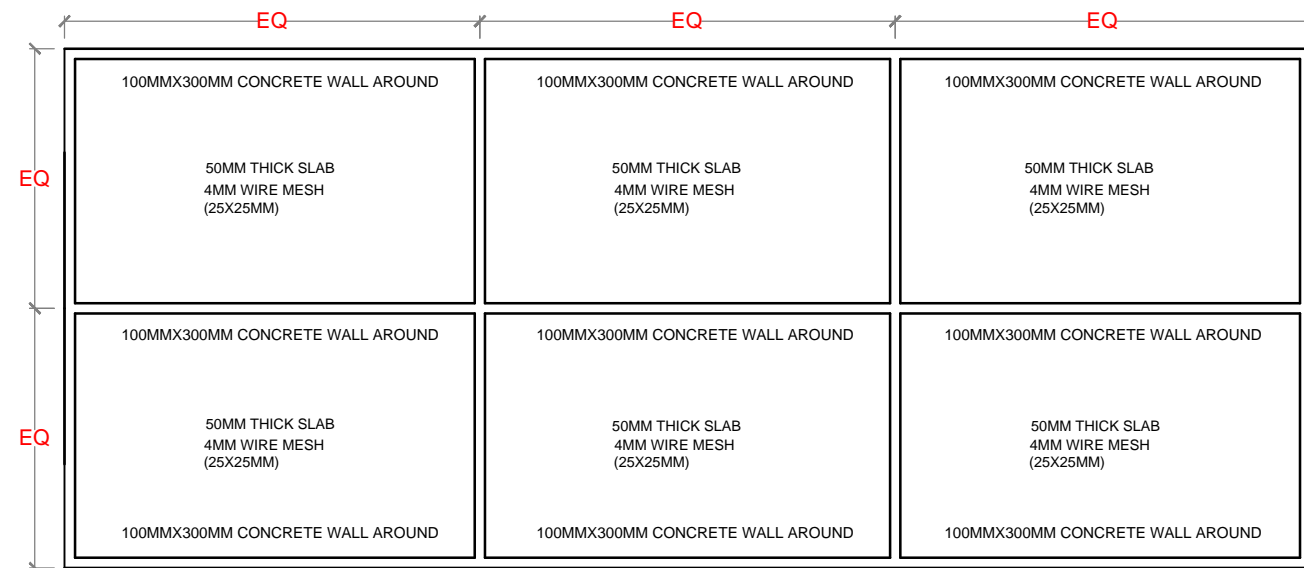
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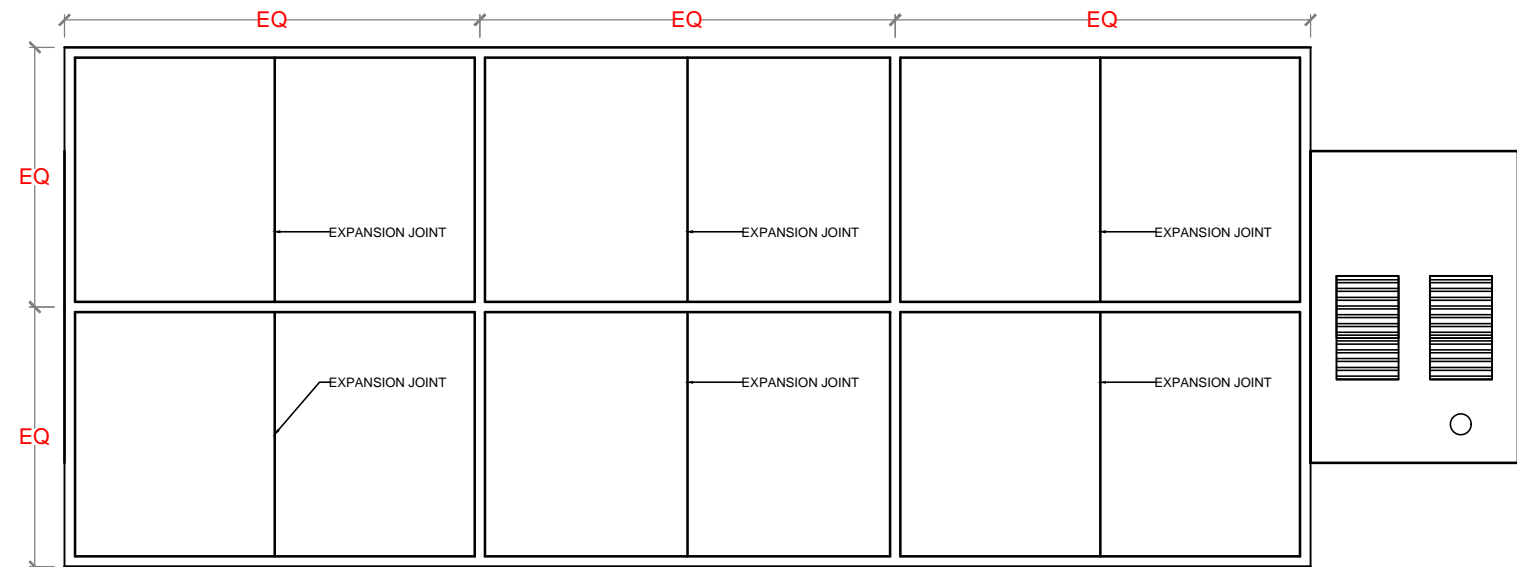
FOUNDATION SECTION

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 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: STRUCTURAL DETAILS - 1		
DRAWING NO: 00088179/2017/IWMC/SD/001		
DATE :	APRIL 2017	
SCALE :	1:20	
PROJECT NO :	00088179	

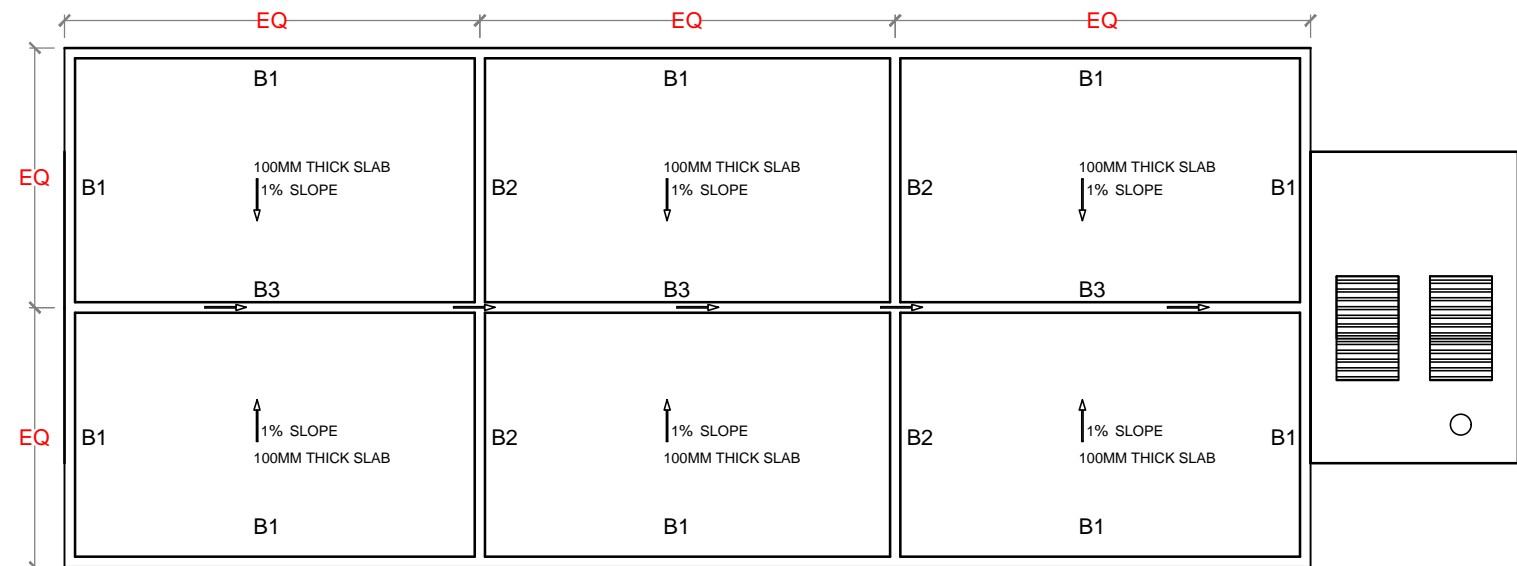
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COMPOST CONCRETE SCREED - PLAN



COMPOST SLAB - JOINTS AND SPACING



COMPOST SLAB - PLAN

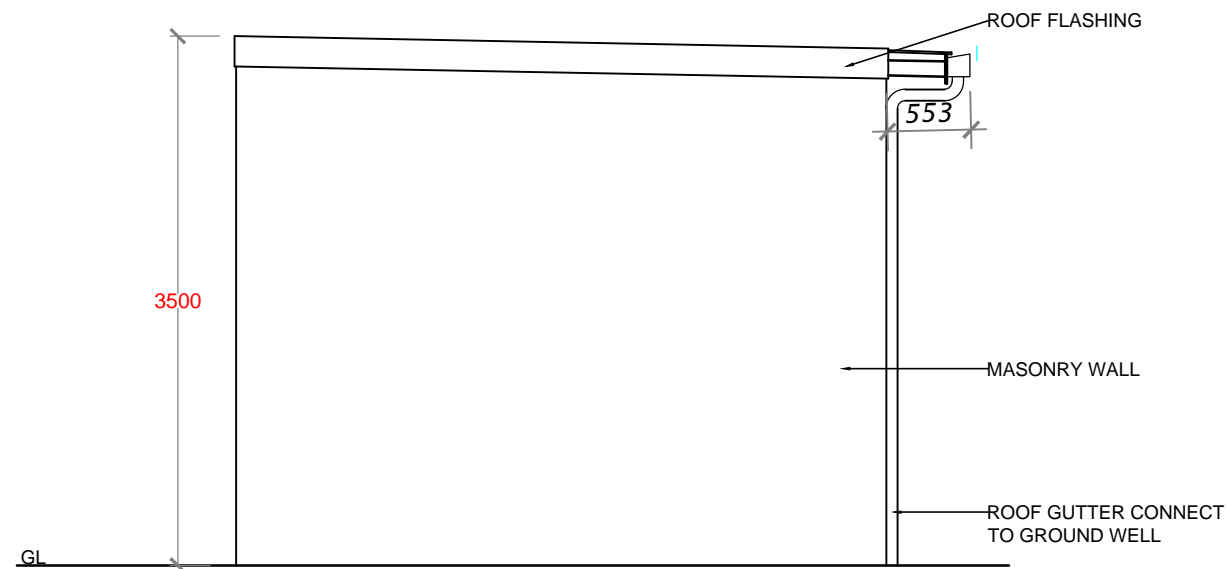
NO.	REVISION	DATE
PREPARED BY: <b>G.SARAVANAN</b> CONSULTANT-CIVIL ENGINEER		
CHECKED BY: <b>FATHIMATH SHAFATH</b> ENGINEER- MEE		
APPROVED BY: <b>AISHATH AZFA</b> PROJECT MANAGER-LECRD-UNDP		
IMPLEMENTING AGENCY:  <b>United Nations Development Programme</b>		
IMPLEMENTING PARTNER:  <b>Ministry of Environment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



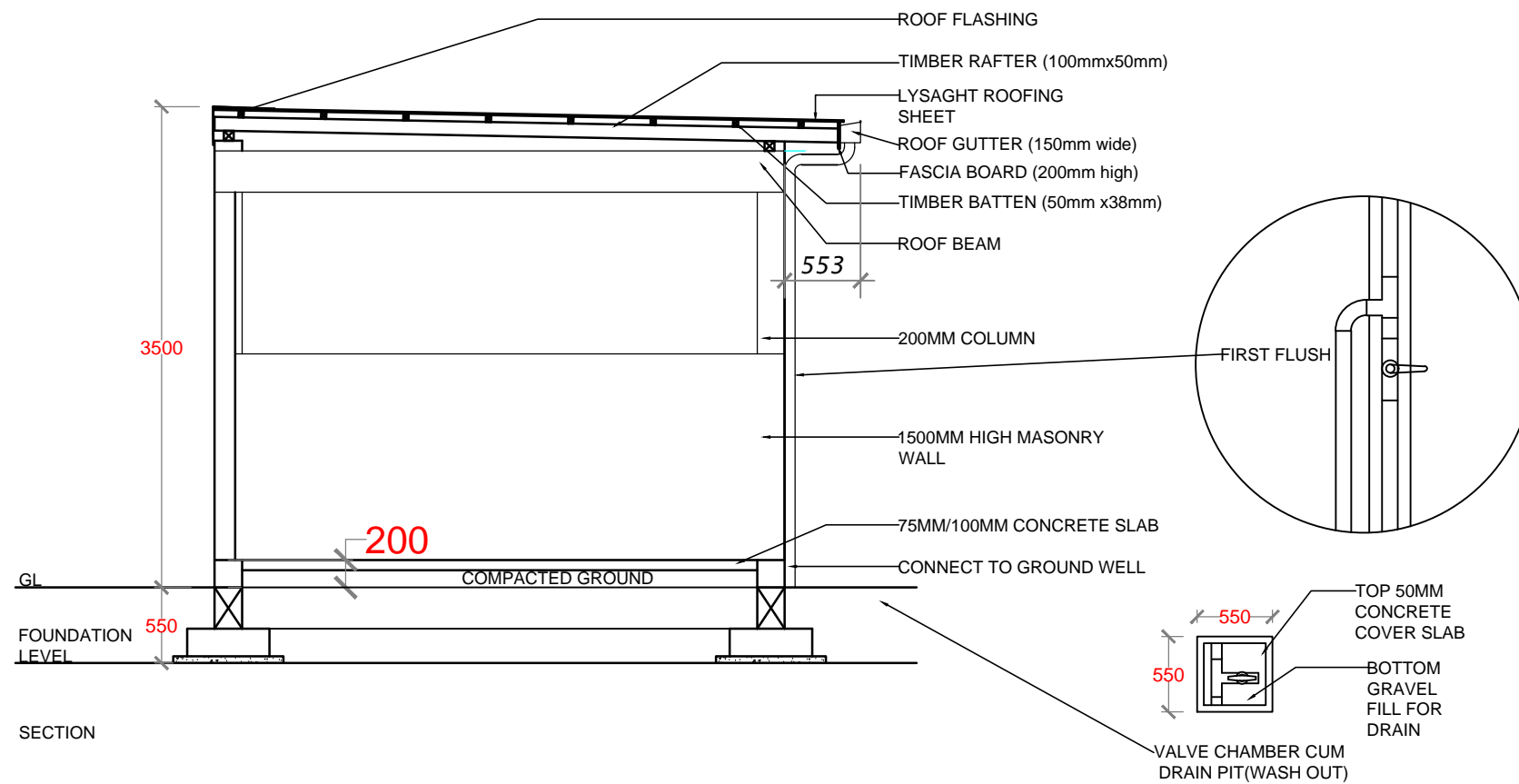









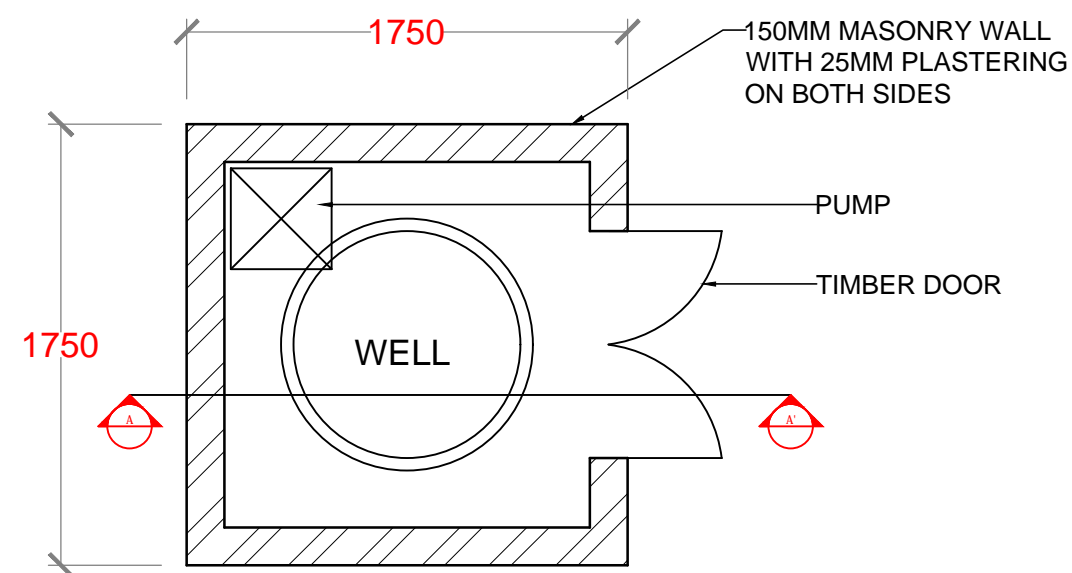


ELEVATION

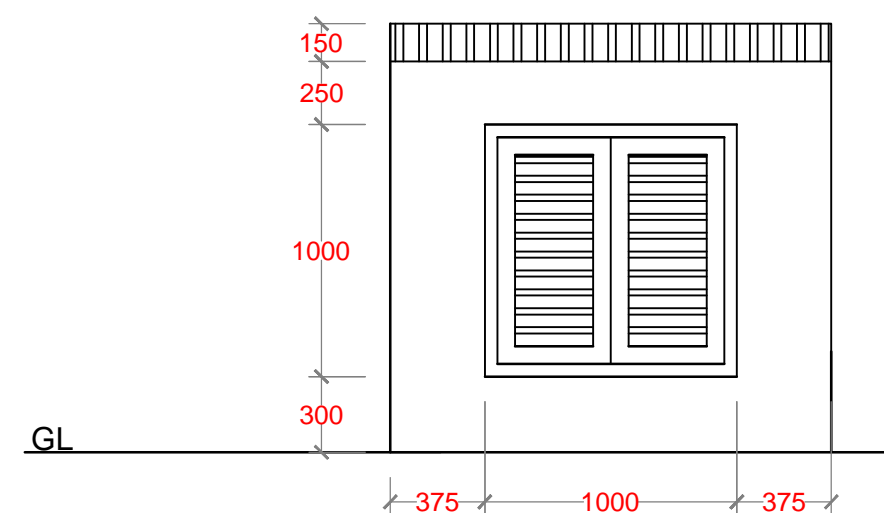


SECTION

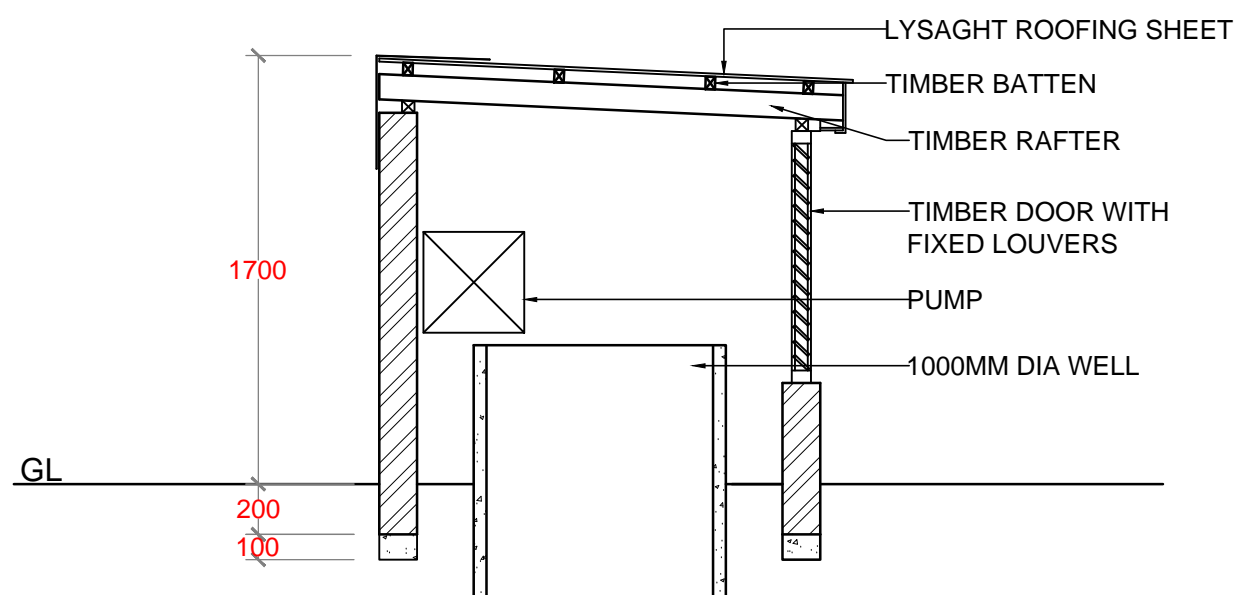
NO.	REVISION	DATE
PREPARED BY:		
G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:		
FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY:		
AISHATH AZFA PROJECT MANAGER-LECRD-UNDP		
IMPLEMENTING AGENCY:		
 United Nations Development Programme		
IMPLEMENTING PARTNER:		
 Ministry of Environment and Energy		
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	



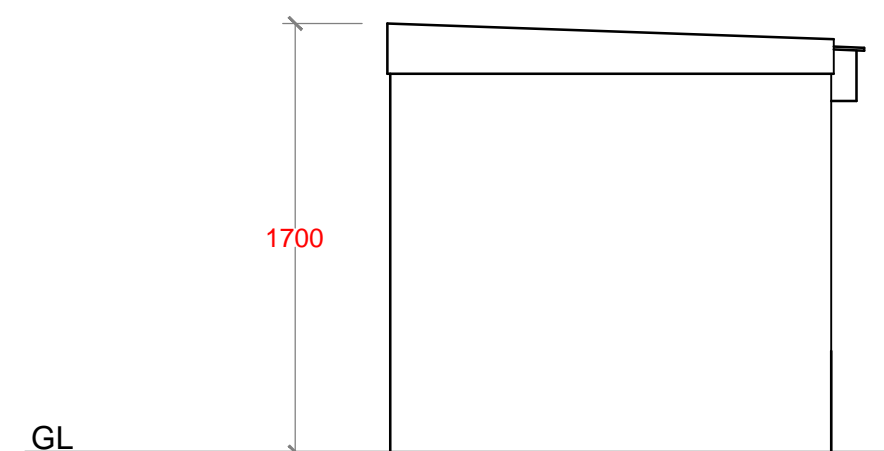
### PUMP ROOM HUT PLAN



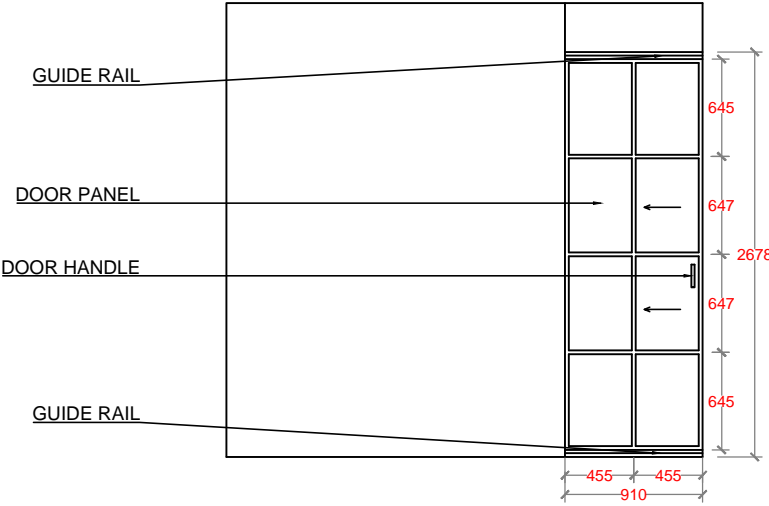
FRONT ELEVATION



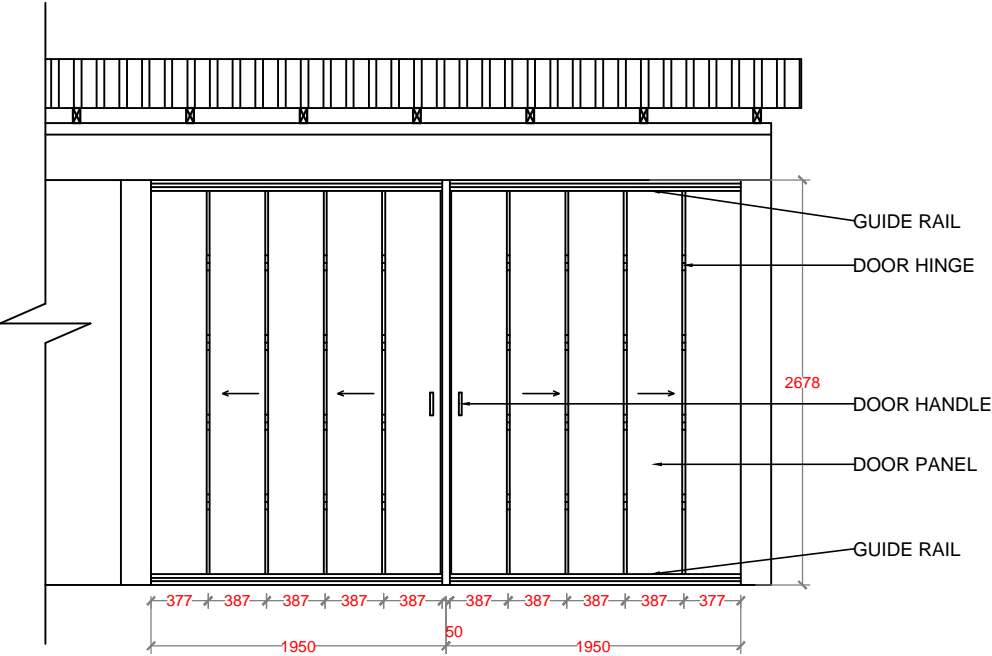
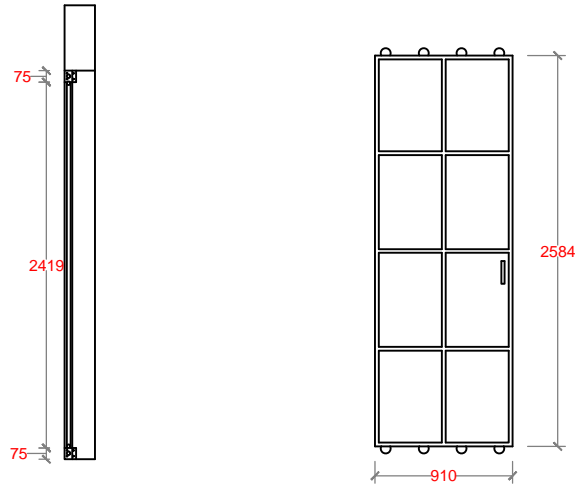
SECTION AA'



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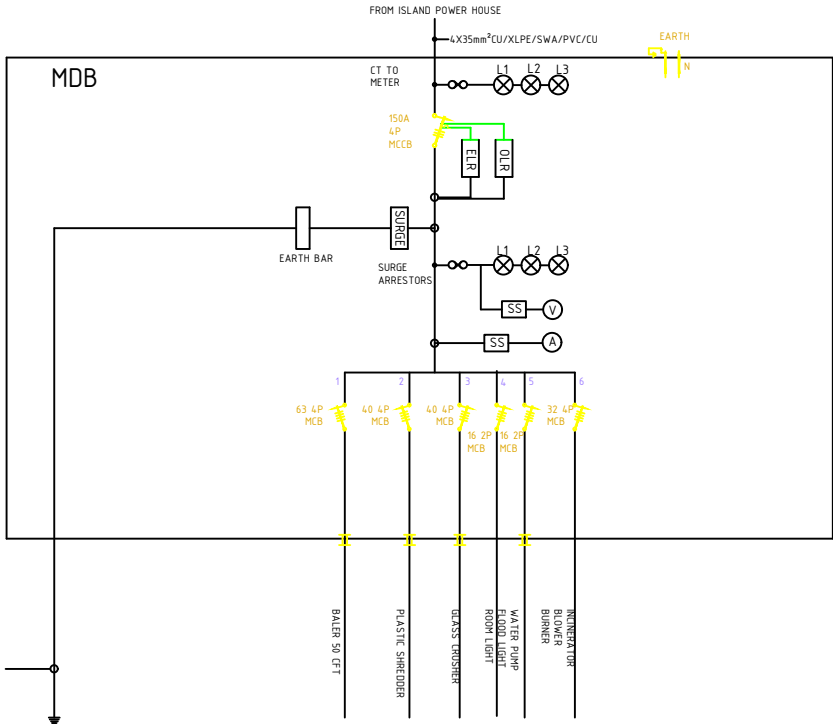


HAZARDOUS ROOM - METAL SLIDING DOOR

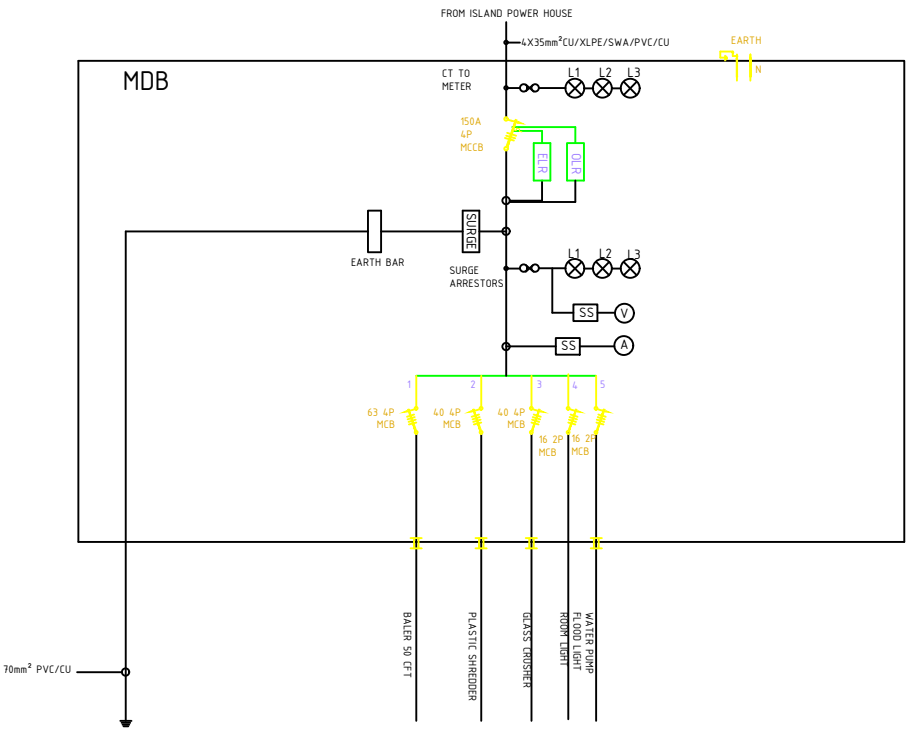


EQUIPMENT ROOM - METAL SLIDING DOOR

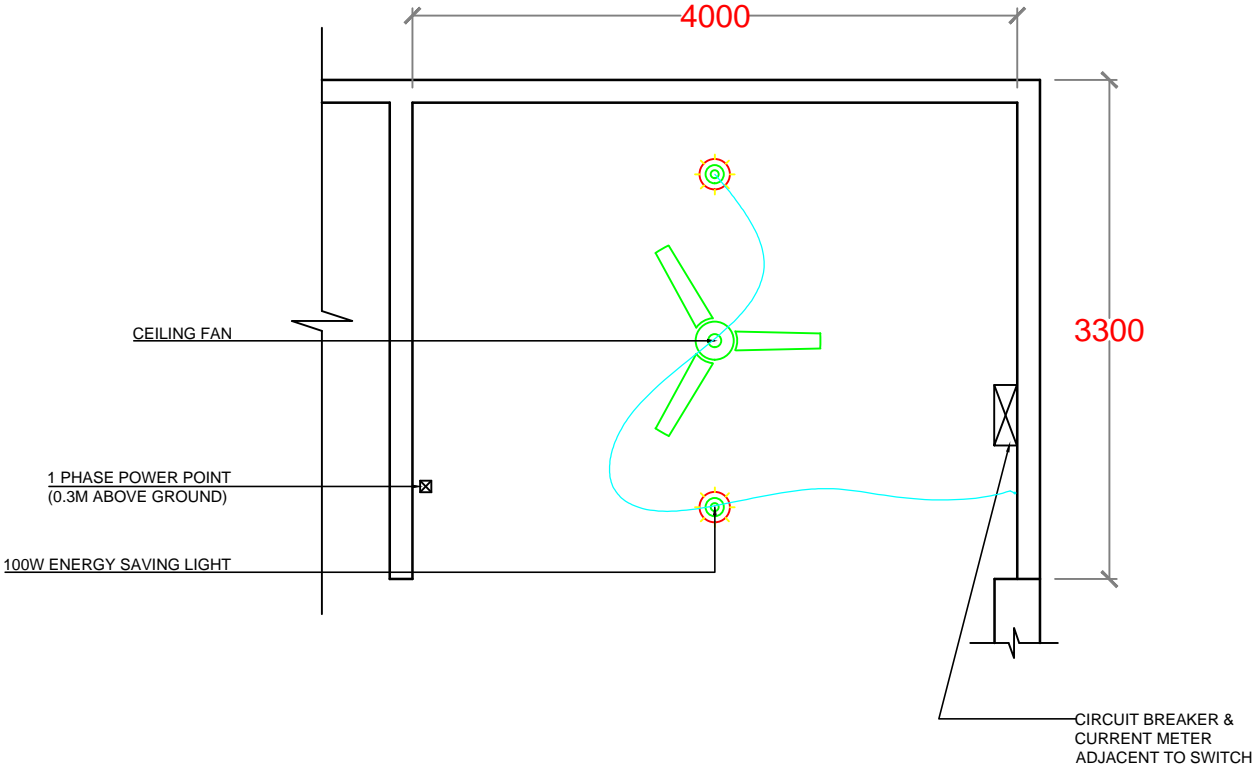
NO.	REVISION	DATE
PREPARED BY:  G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:  FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY:  AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY: <div> United Nations Development Programme</div>		
IMPLEMENTING PARTNER: <div> Ministry of Environment and 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-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**

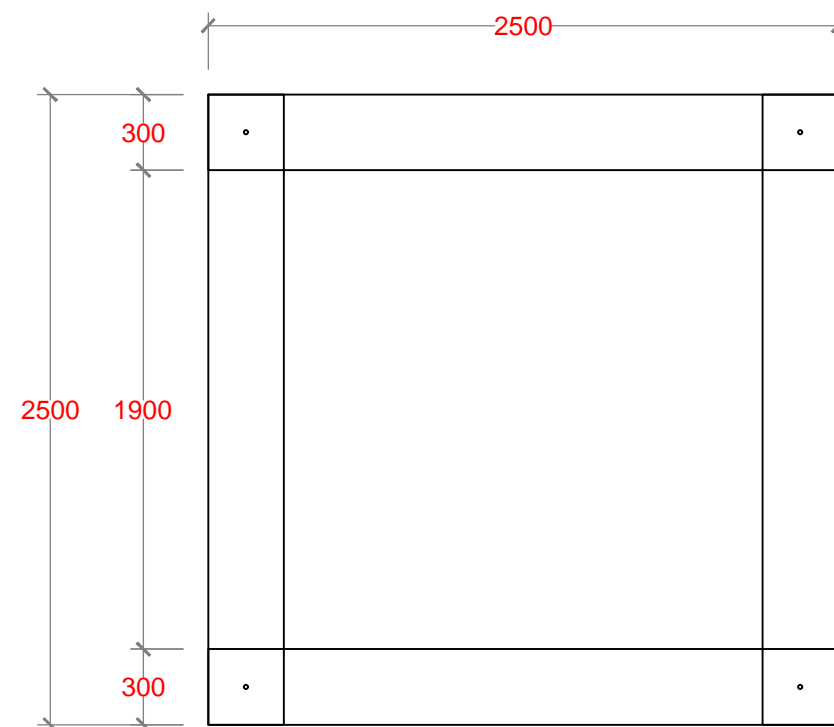
DRAWING NAME:

**ELECTRICAL LAYOUT**

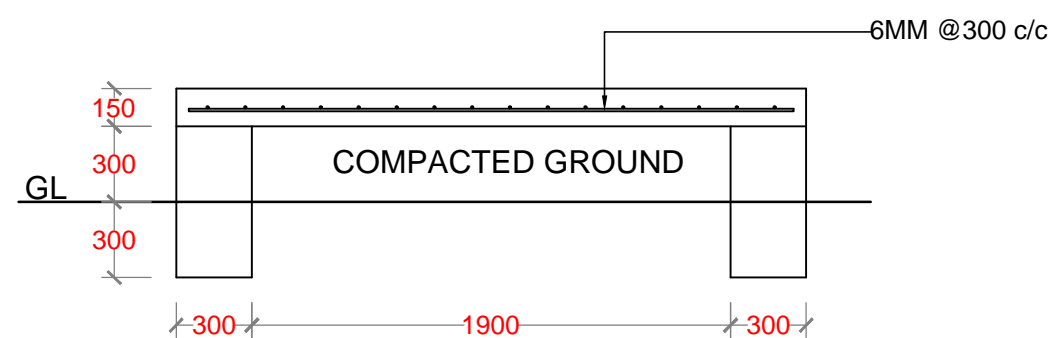
DRAWING NO:

**00088179/2017/IWMC/SD/009**

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

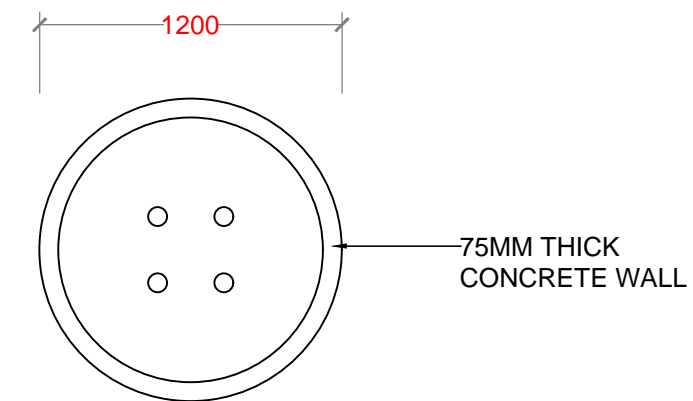


## PLAN

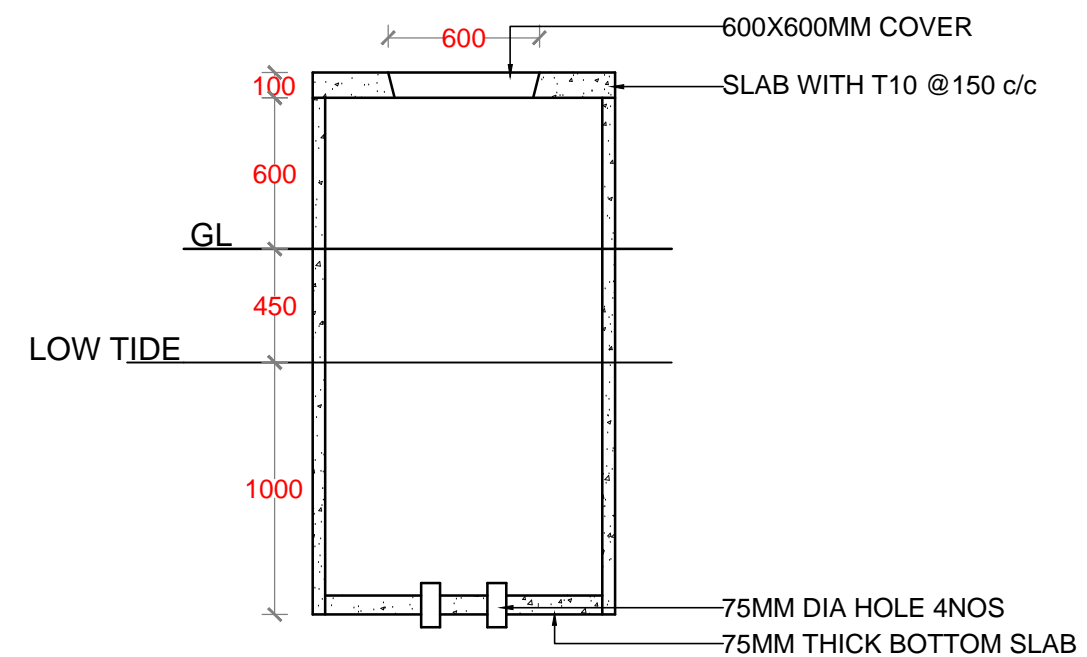


SECTION

# RAINWATER TANK FOR 2500 Ltr






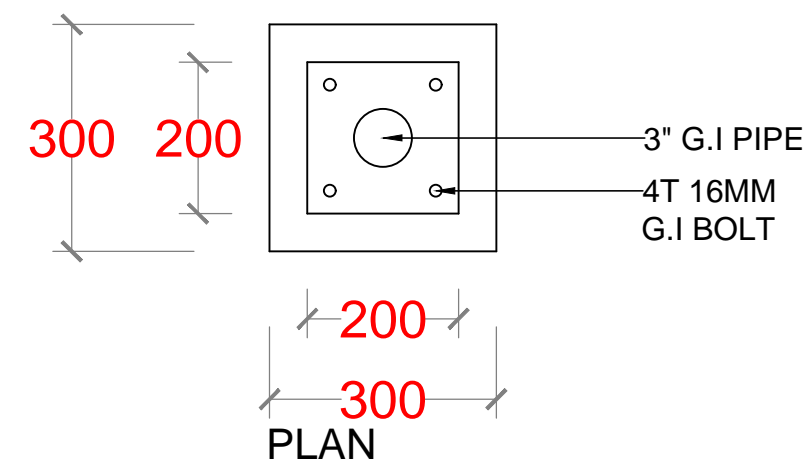
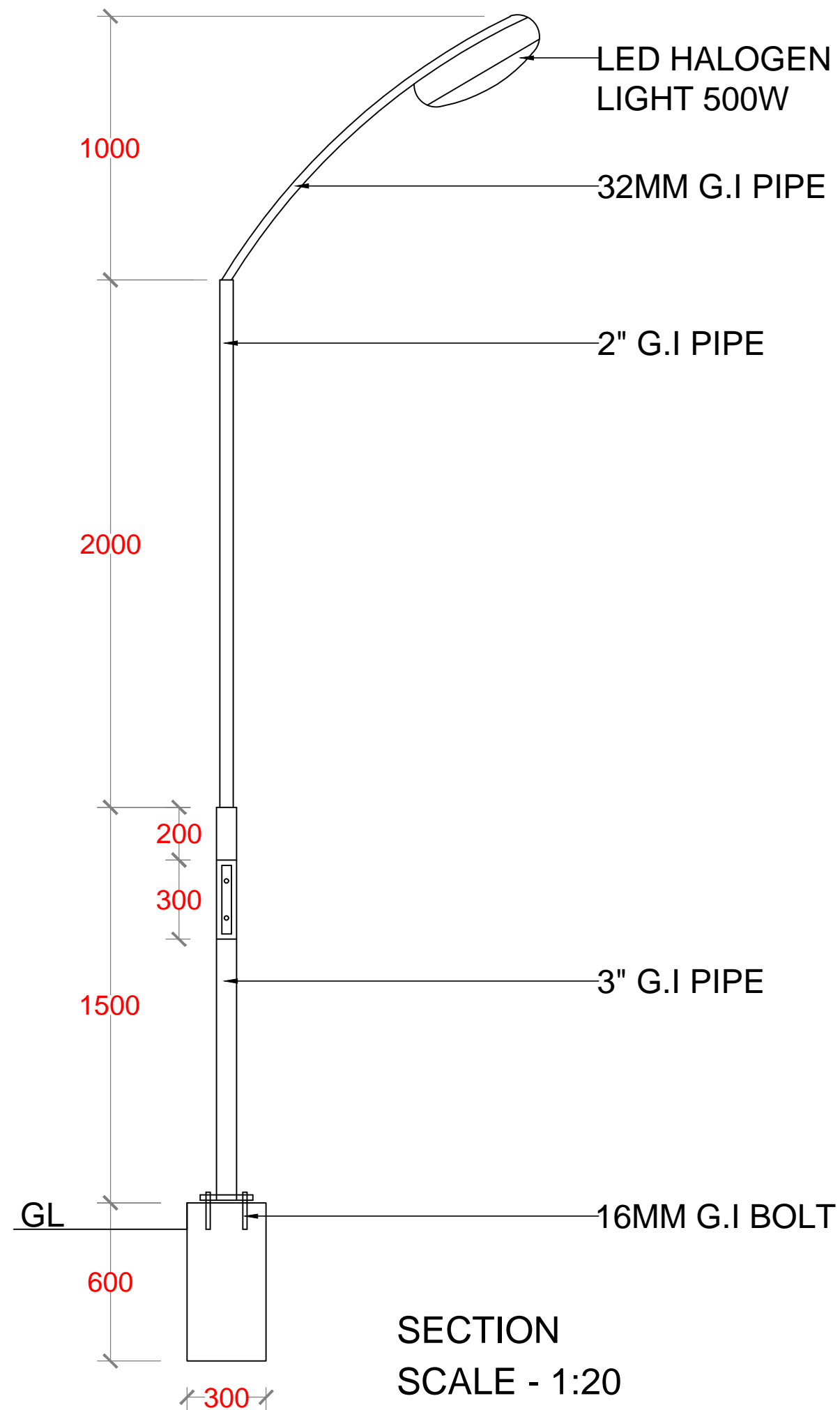
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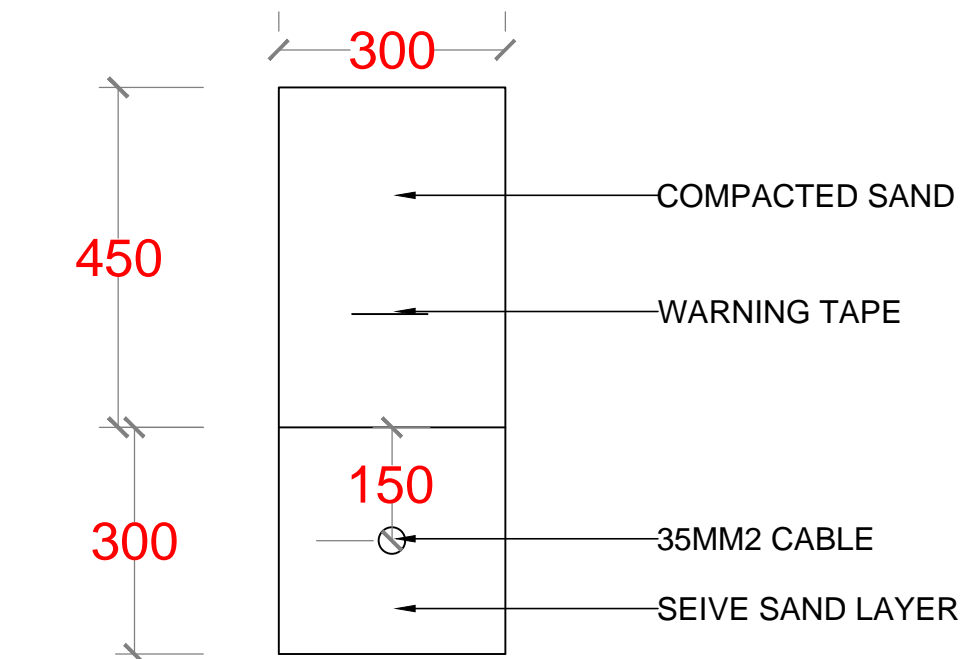
SECTION

## GROUND WATER WELL

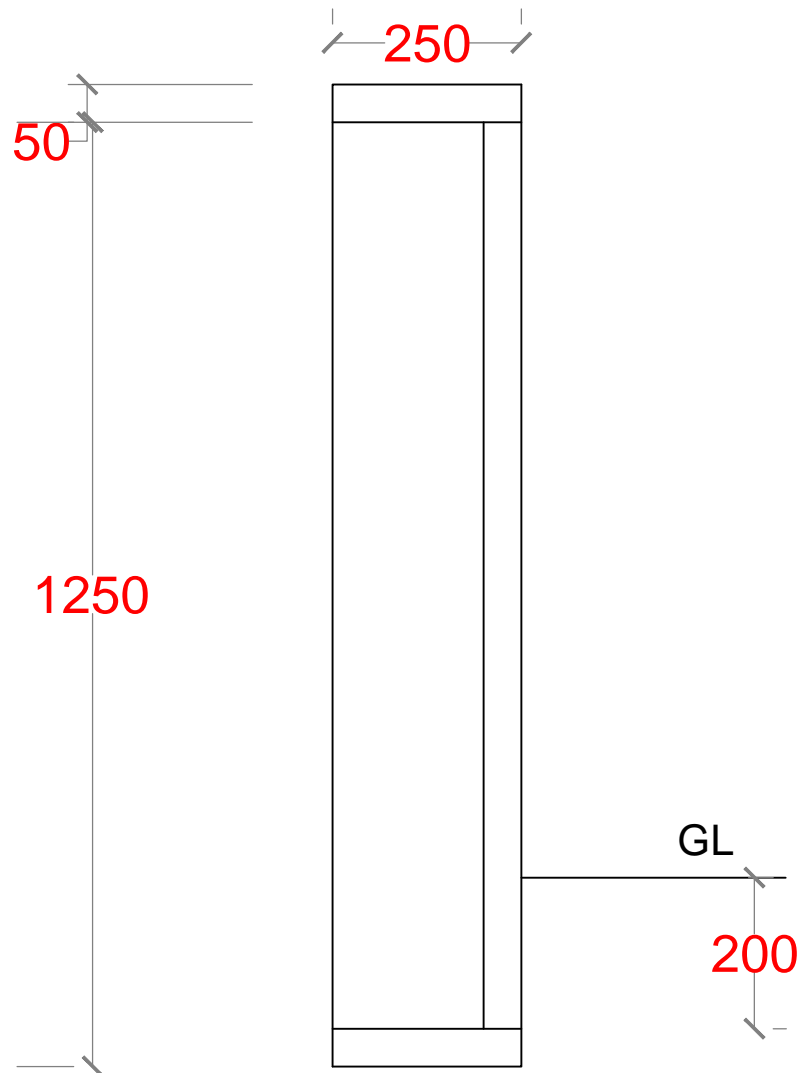
NO.	REVISION	DATE
PREPARED BY:		
G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:		
FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY:		
AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY:		
 <div>United Nations Development Programme</div>		
IMPLEMENTING PARTNER:		
 <div>Ministry of Environment and Energy</div>		
PROGRAMME:		
 <div>Low Emission Climate Resilient Development</div> <div>LECRoD Low Emission Climate Resilient Development</div>		
PROJECT NAME:		
CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME:		
LAAMU.		
LOCATION:		
ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:		
GROUND WATER WELL & RAINWATER TANK DETAILS		
DRAWING NO:		
00088179/2017/IWMC/SD/010		
DATE :	APRIL 2017	
SCALE :	1:30	
PROJECT NO :	00088179	



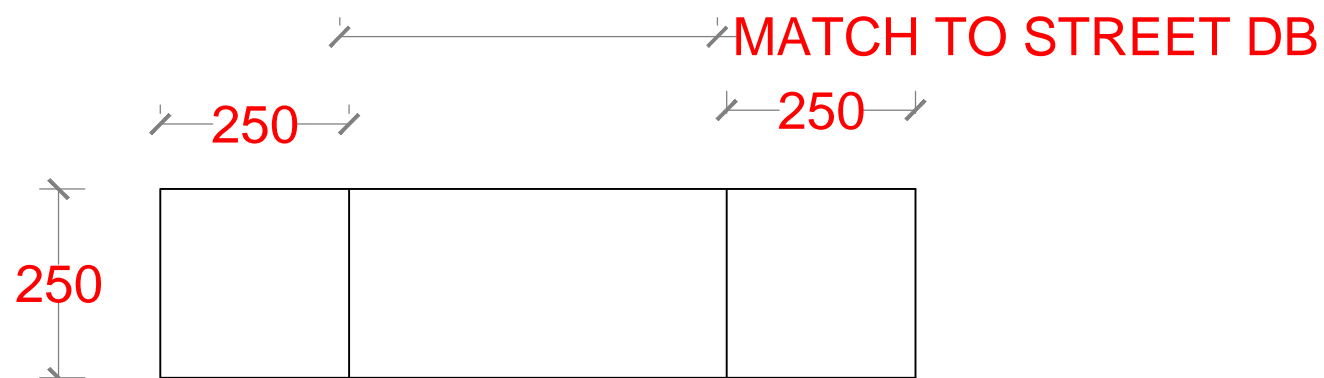
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 Low Emission Climate Resilient Development Low Emission Climate Resilient Development		
PROJECT NAME:		
CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME:		
LAAMU.		
LOCATION:		
ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:		
FLOOD LIGHT DETAILS		
DRAWING NO:		
00088179/2017/IWMC/SD/011		
DATE :	APRIL 2017	
SCALE :	AS SHOWN	
PROJECT NO :	00088179	



STREET CABLE  
TRENCH



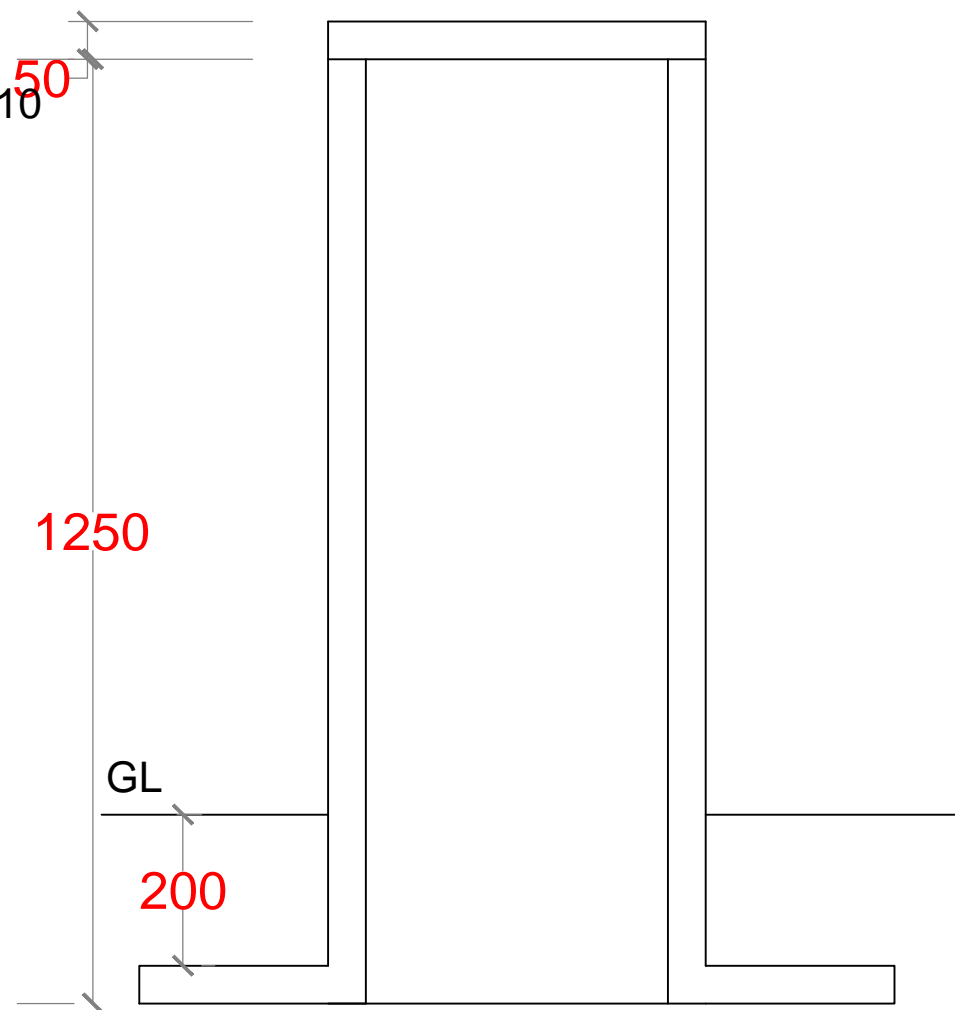
SIDE ELEVATION  
STREET DB- CONCRETE STAND



PLAN  
STREET DB- CONCRETE STAND




MATCH TO STREET DB

SCALE - 1:10



FRONT ELEVATION  
STREET DB- CONCRETE STAND

SCALE - 1:10

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:		
STREET DB STAND AND CABLE TRENCH DETAILS		
DRAWING NO:		
00088179/2017/IWMC/SD/012		
DATE :	APRIL 2017	
SCALE :	AS SHOWN	
PROJECT NO :	00088179	