



PROJECT

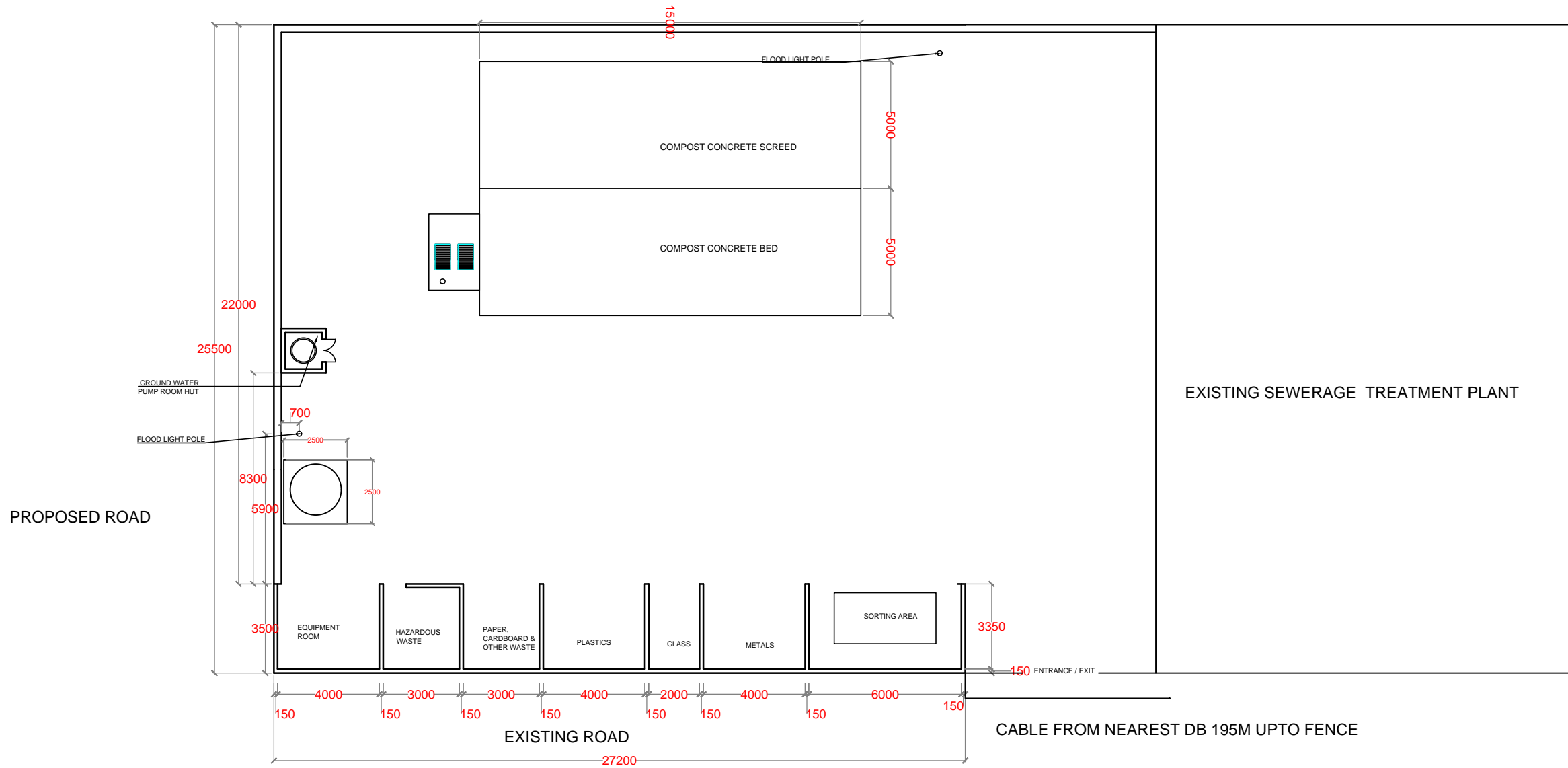
CONSTRUCTION OF ISLAND WASTE  
MANAGEMENT CENTER AT  
LAAMU.KALAI DHOO ISLAND

PREPARED BY

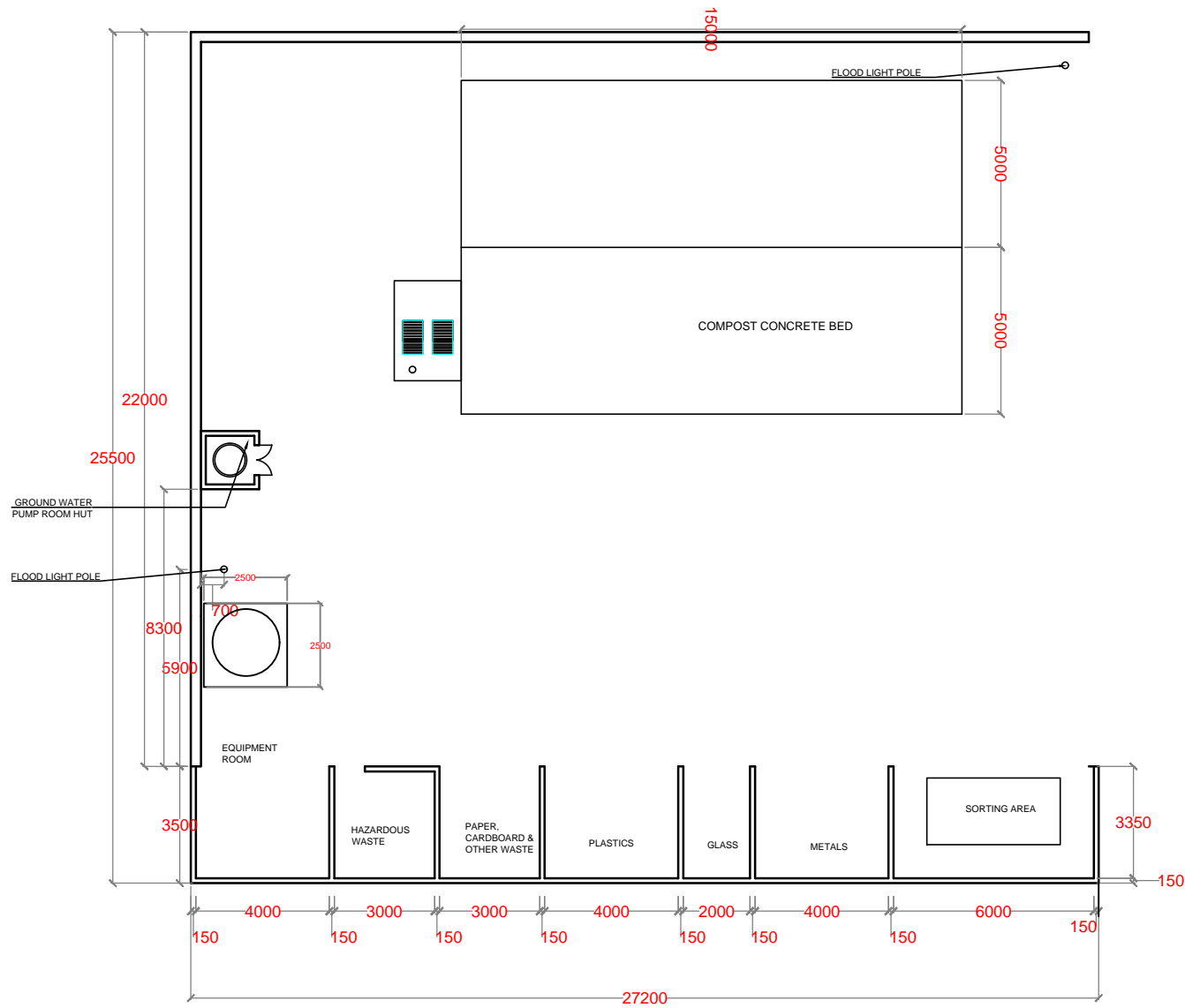
United Nations Development Programme

# CONTENT

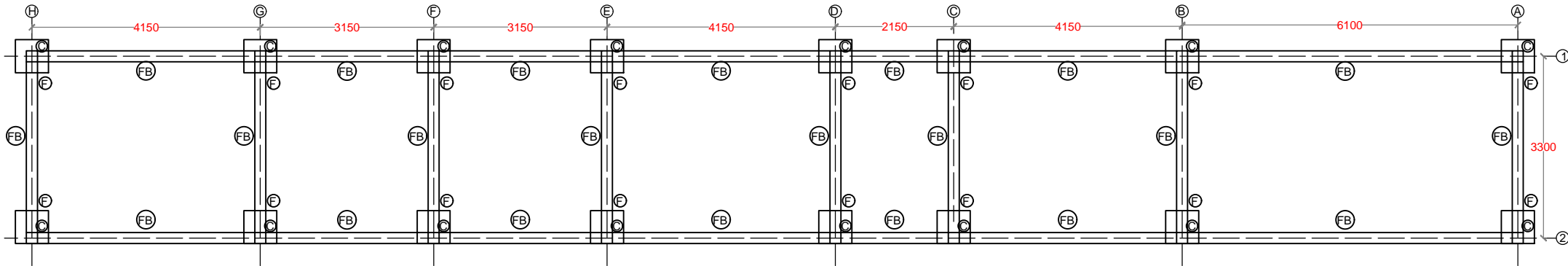
KALAI DHOO DRAWINGS		
SL.NO	DRAWING NAME	DRAWING NUMBER
1	SITE PLAN	00088179/2017/IWMC/KAL/001
2	FLOOR PLAN	00088179/2017/IWMC/KAL/002
3	FOUNDATION PLAN	00088179/2017/IWMC/KAL/003
4	ROOF FRAME PLAN	00088179/2017/IWMC/KAL/004
5	ROOF PLAN	00088179/2017/IWMC/KAL/005
6	PLUMBING LAYOUT	00088179/2017/IWMC/KAL/006
7	ELECTRICAL LAYOUT	00088179/2017/IWMC/KAL/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: <div> United Nations Development Programme</div>		
IMPLEMENTING PARTNER: <div> Ministry of Environment and Energy</div>		
PROGRAMME: <div> Low Emission Climate Resilient Development LcCRd</div>		
PROJECT NAME:  CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME:  LAAMU. KALAIDHOO		
LOCATION:  ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:  SITE PLAN		
DRAWING NO:  00088179/2017/IWMC/KAL/001		
DATE :	APRIL 2017	
SCALE :	1:200	
PROJECT NO :	00088179	

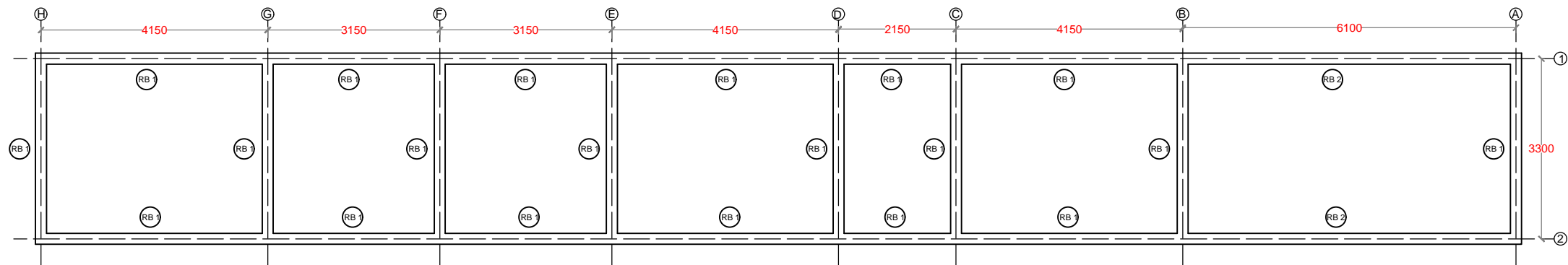


NO.	REVISION	DATE
PREPARED BY:  G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:  FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY:  AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY: <div> United Nations Development Programme</div>		
IMPLEMENTING PARTNER: <div> Ministry of Environment and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

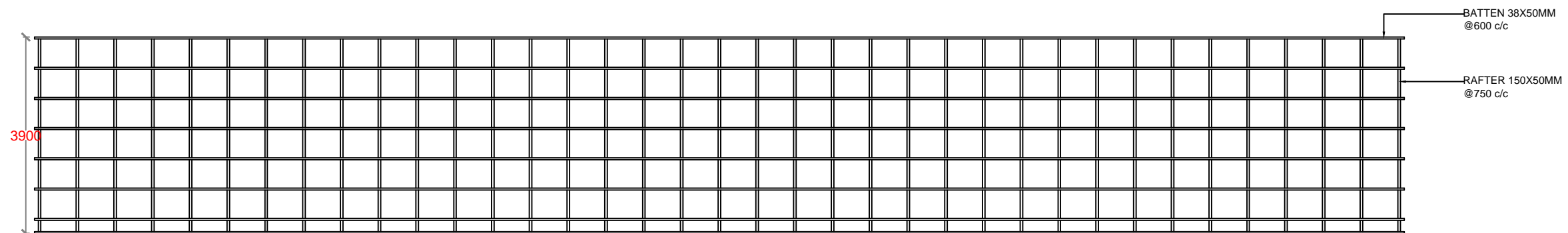


FOUNDATION PLAN

NO.	REVISION	DATE
PREPARED BY:  G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:  FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY:  AISHATH AZFA PROJECT MANAGER-LECREED-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. KALAIDHOO		
LOCATION:  ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:  FOUNDATION PLAN		
DRAWING NO:  00088179/2017/IWMC/KAL/003		
DATE :	APRIL 2017	
SCALE :	1:100	
PROJECT NO :	00088179	

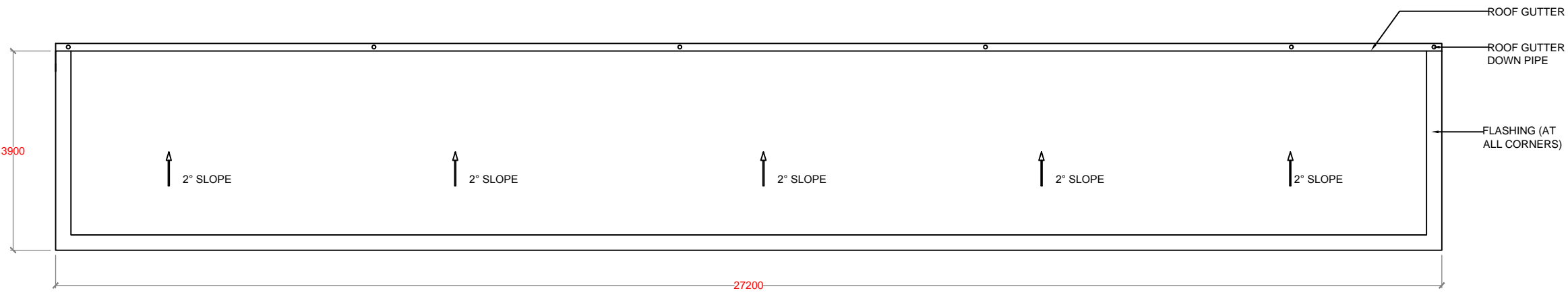


ROOF BEAM PLAN



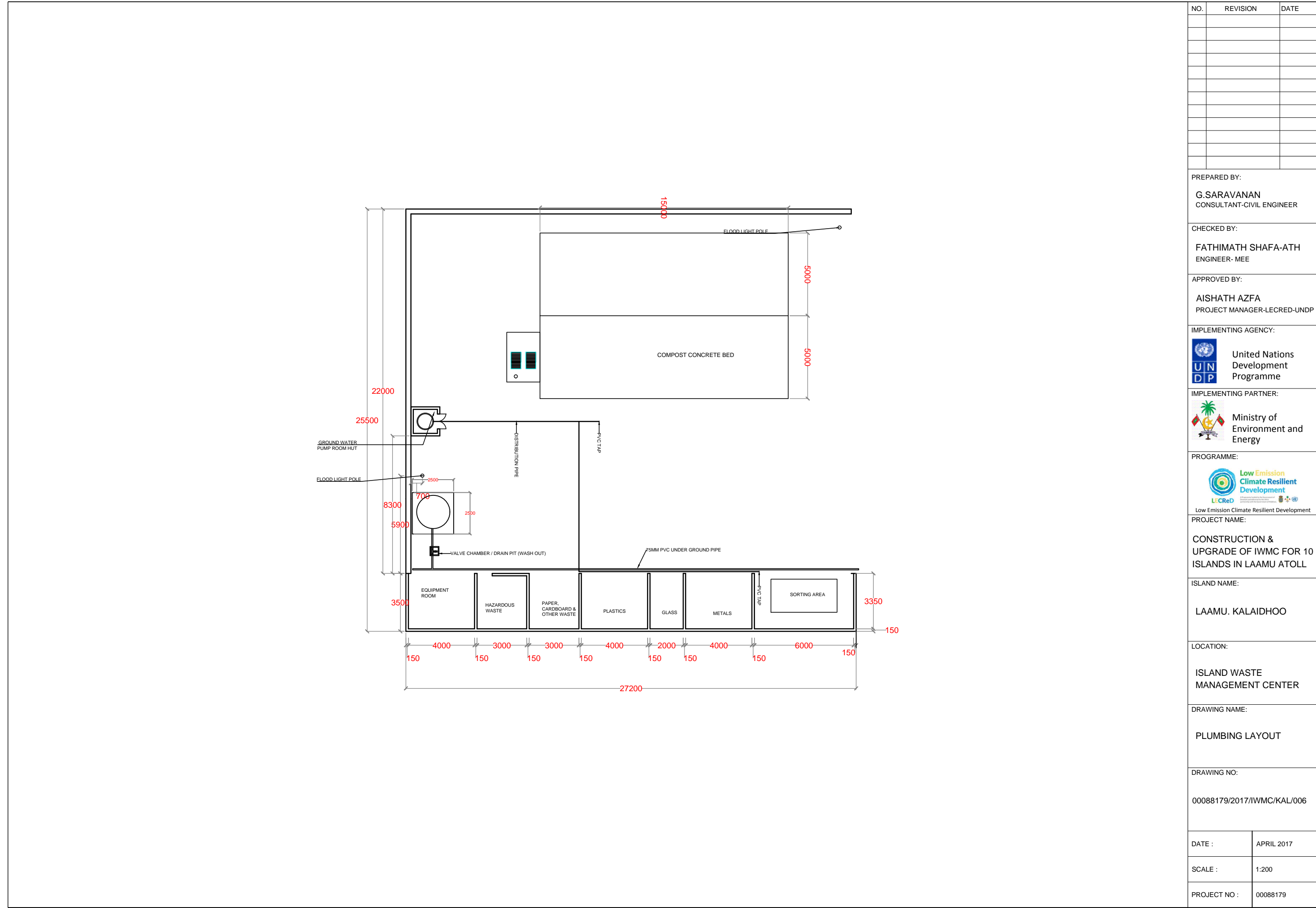
BATTEN & RAFTERS

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-LECRED-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>Low Emission Climate Resilient Development</small>		
PROJECT NAME: <b>CONSTRUCTION &amp; UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL</b>		
ISLAND NAME: <b>LAAMU. KALAIDHOO</b>		
LOCATION: <b>ISLAND WASTE MANAGEMENT CENTER</b>		
DRAWING NAME: <b>ROOF FRAME PLAN</b>		
DRAWING NO: <b>00088179/2017/IWMC/KAL/004</b>		
DATE :	APRIL 2017	
SCALE :	1:100	
PROJECT NO :	00088179	



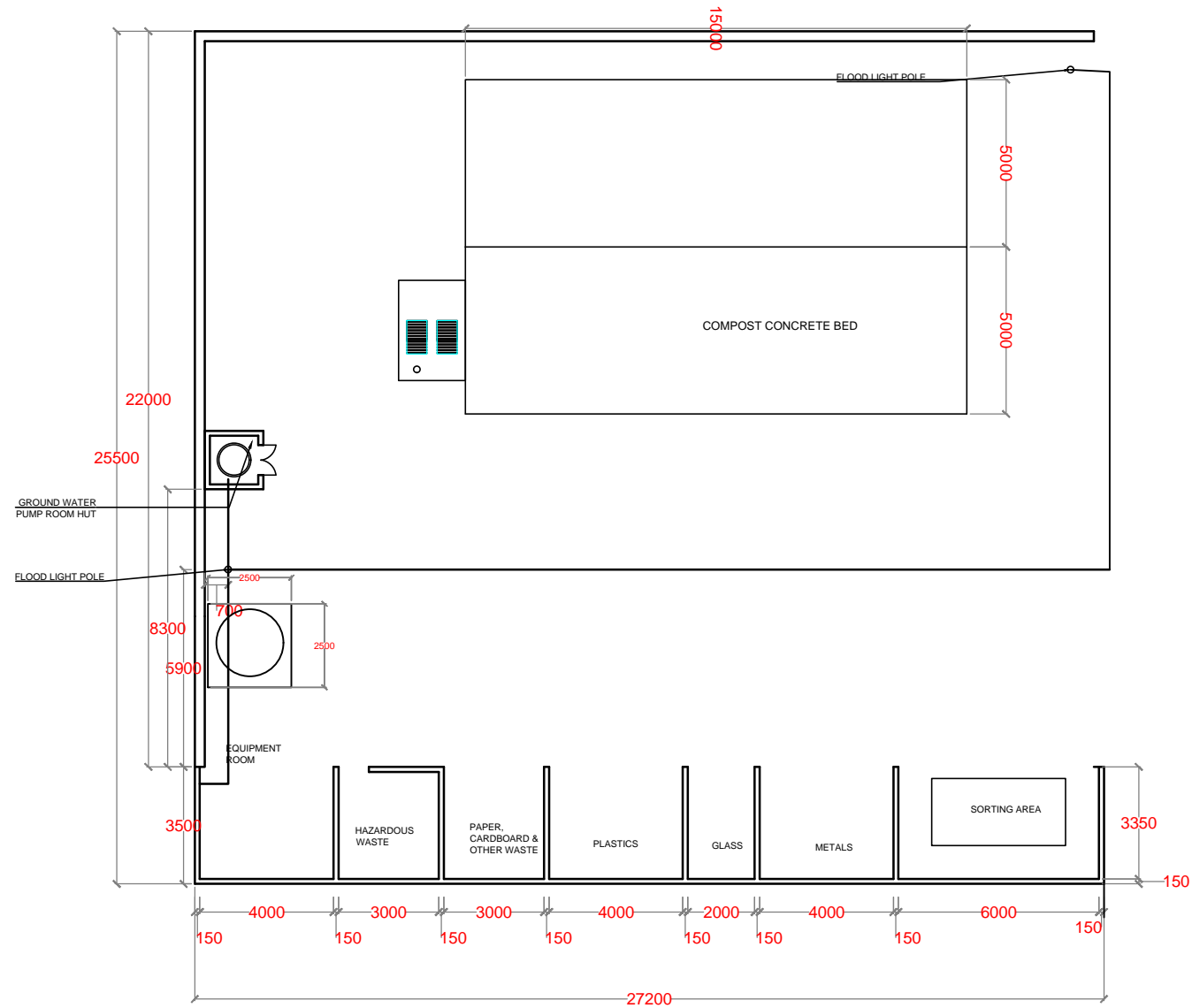
ROOF PLAN



NO.	REVISION	DATE
PREPARED BY:  G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:  FATHIMATH SHAFATH ENGINEER- MEE		
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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. KALAI DHOO		
LOCATION:  ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:  ROOF PLAN		
DRAWING NO:  00088179/2017/IWMC/KAL/005		
DATE :	APRIL 2017	
SCALE :	1:100	
PROJECT NO :	00088179	



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PREPARED BY:		
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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. KALAIIDHOO		
LOCATION:		
ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:		
PLUMBING LAYOUT		
DRAWING NO:		
00088179/2017/IWMC/KAL/006		
DATE :	APRIL 2017	
SCALE :	1:200	
PROJECT NO :	00088179	



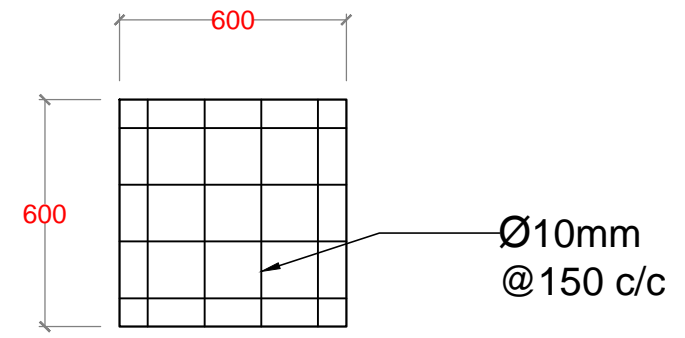


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APPROVED BY:		
AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY:		
 United Nations Development Programme		
IMPLEMENTING PARTNER:		
 Ministry of Environment and Energy		
PROGRAMME:		
 Low Emission Climate Resilient Development <small>Programme funded by the Government of Maldives and supported by the Government of Maldives and the Government of Maldives</small>		
PROJECT NAME:		
CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL		
ISLAND NAME:		
LAAMU. KALAIDHOO		
LOCATION:		
ISLAND WASTE MANAGEMENT CENTER		
DRAWING NAME:		
ELECTRICAL LAYOUT		
DRAWING NO:		
00088179/2017/IWMC/KAL/007		
DATE :	APRIL 2017	
SCALE :	1:200	
PROJECT NO :	00088179	

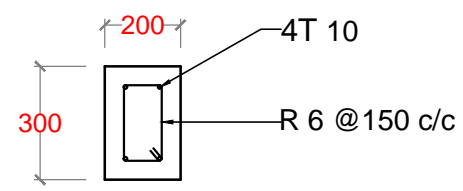
# CONTENT

## STANDARD DRAWINGS (APPLICABLE FOR ALL ISLANDS)

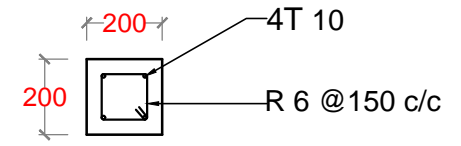
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1	STRUCTURAL DETAILS - 1	00088179/2017/IWMC/SD/001
2	STRUCTURAL DETAILS - 2	00088179/2017/IWMC/SD/002
3	CONCRETE BED / SCREED REINFORCEMENT DETAIL	00088179/2017/IWMC/SD/003
4	CONCRETE BED / SCREED PLAN	00088179/2017/IWMC/SD/003A
5	SORTING TABLE	00088179/2017/IWMC/SD/004
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

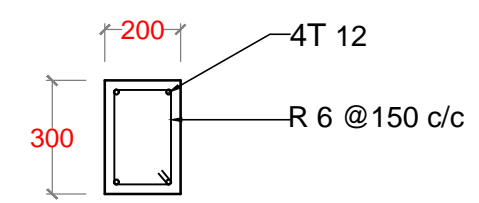


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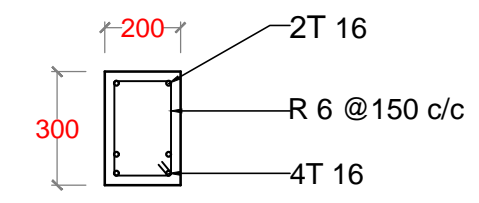


COLUMN

ROOF BEAM DETAILS

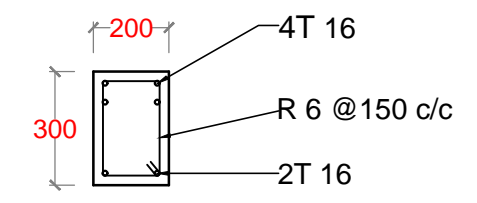


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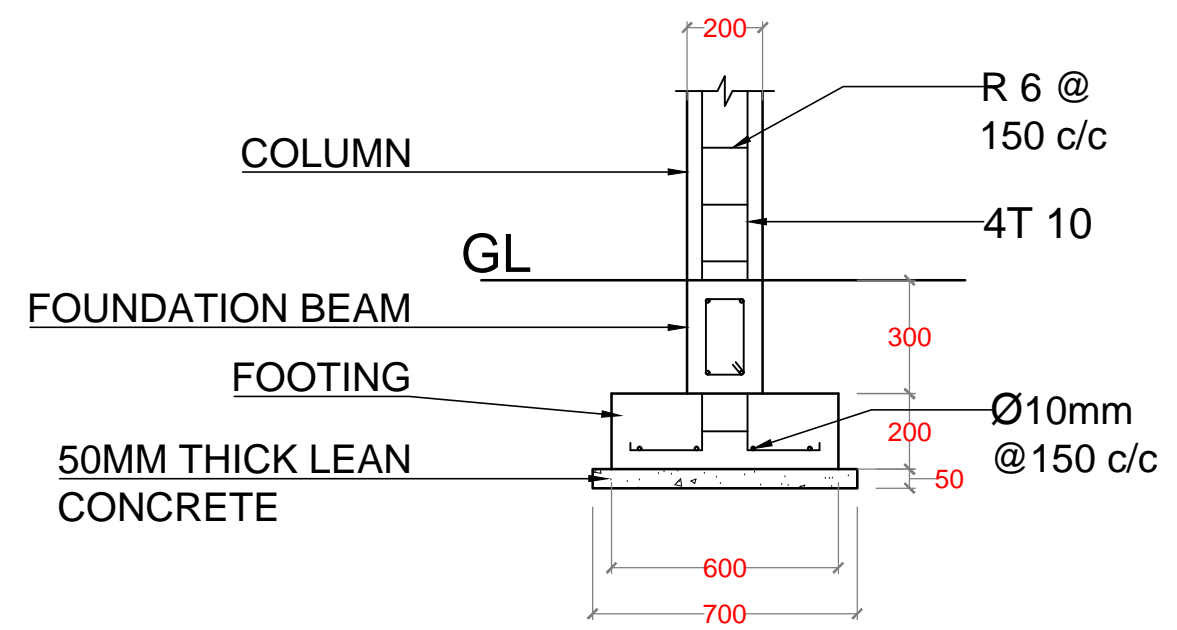


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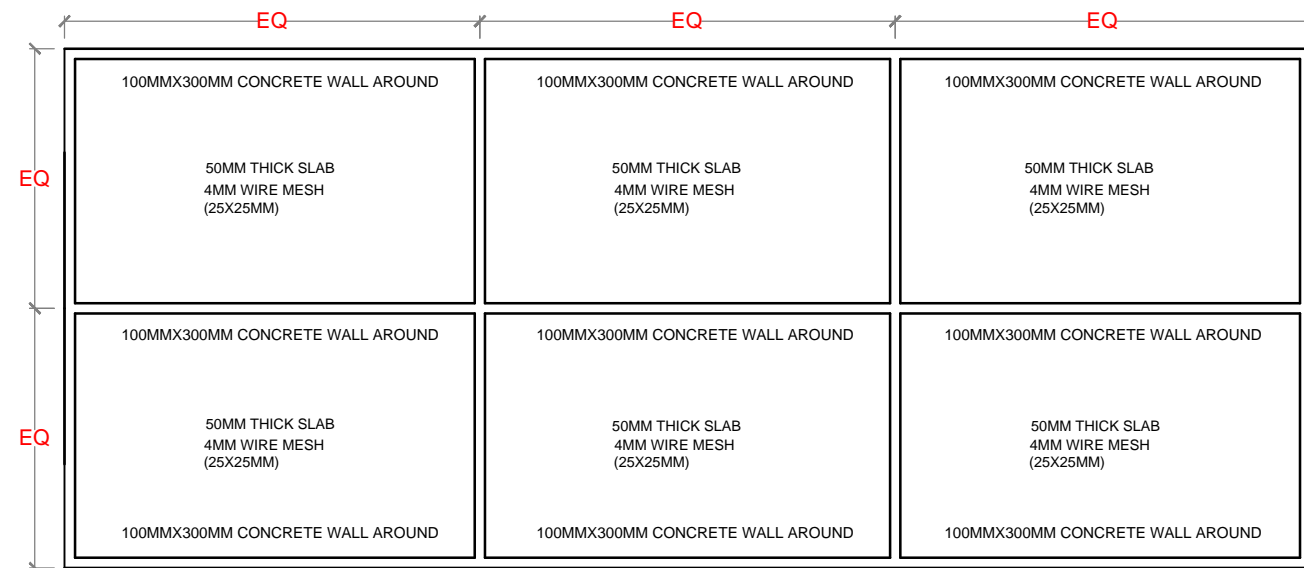
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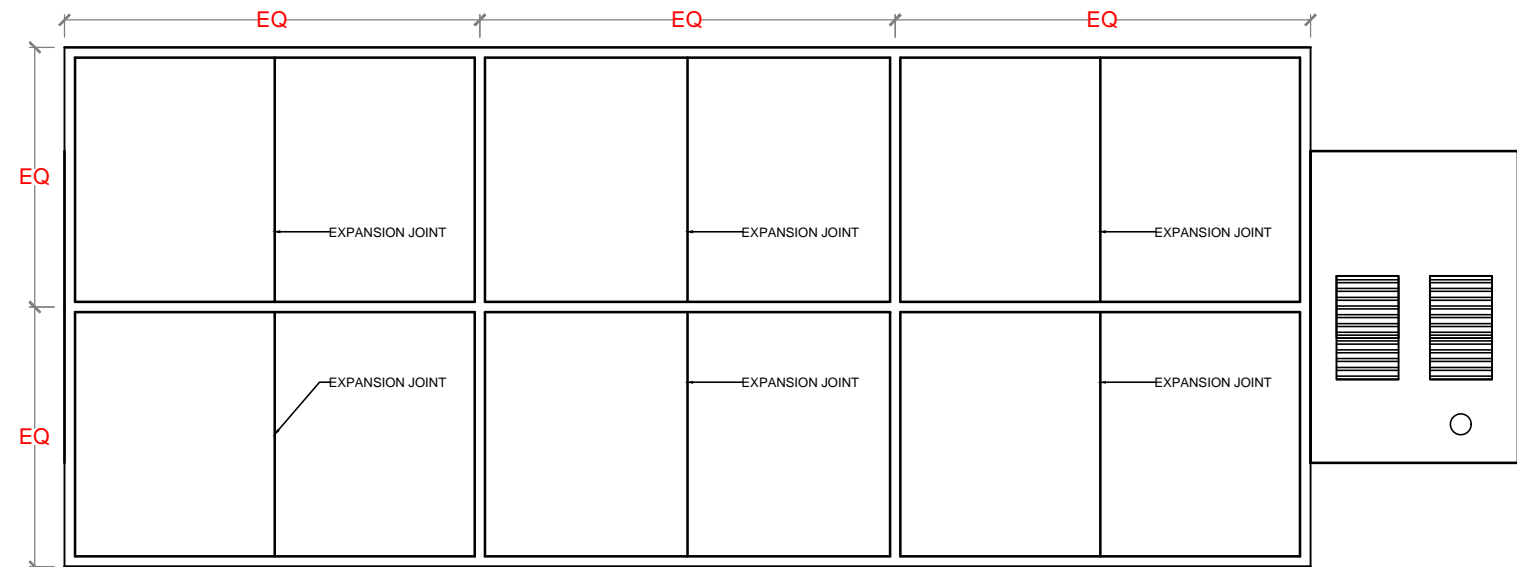
FOUNDATION SECTION

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 LCReD		
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	

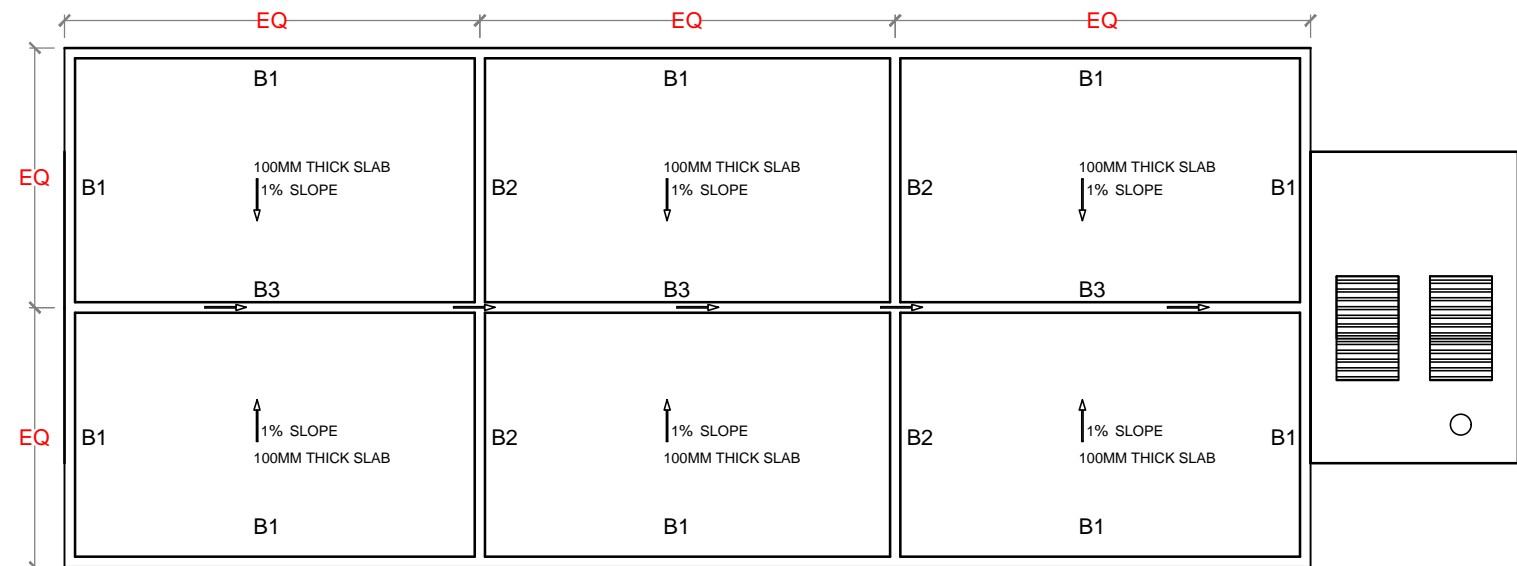




COMPOST CONCRETE SCREED - PLAN



COMPOST SLAB - JOINTS AND SPACING



COMPOST SLAB - PLAN

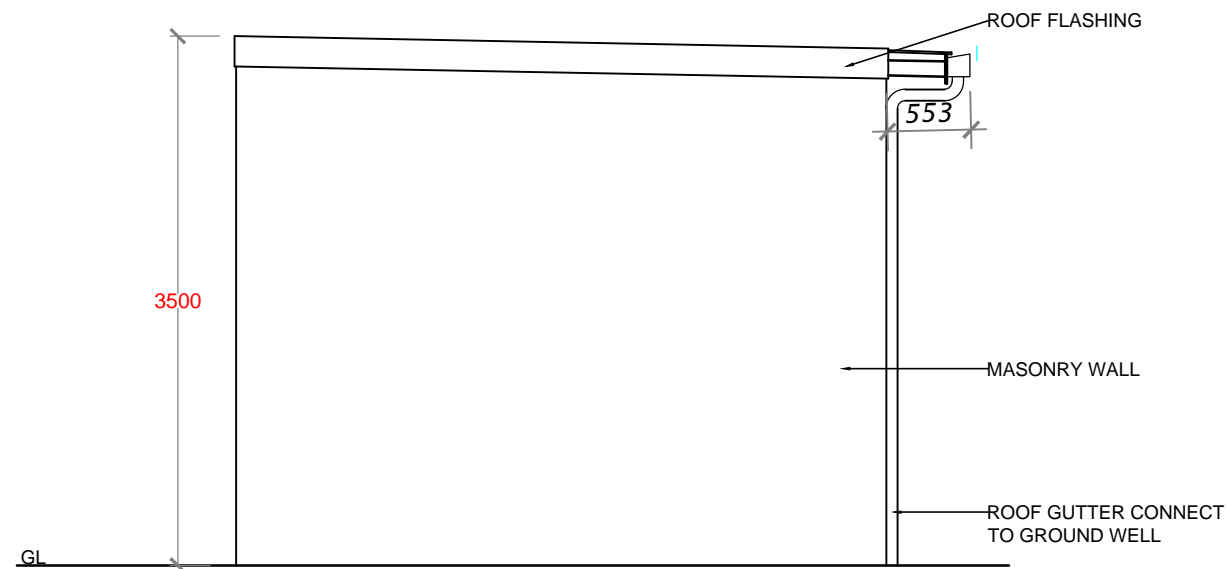
NO.	REVISION	DATE
PREPARED BY: <b>G.SARAVANAN</b> CONSULTANT-CIVIL ENGINEER		
CHECKED BY: <b>FATHIMATH SHAFATH</b> ENGINEER- MEE		
APPROVED BY: <b>AISHATH AZFA</b> PROJECT MANAGER-LECRD-UNDP		
IMPLEMENTING AGENCY:  <b>United Nations Development Programme</b>		
IMPLEMENTING PARTNER:  <b>Ministry of Environment and Energy</b>		
PROGRAMME:  <b>Low Emission Climate Resilient Development</b> <small>Low Emission Climate Resilient Development</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	



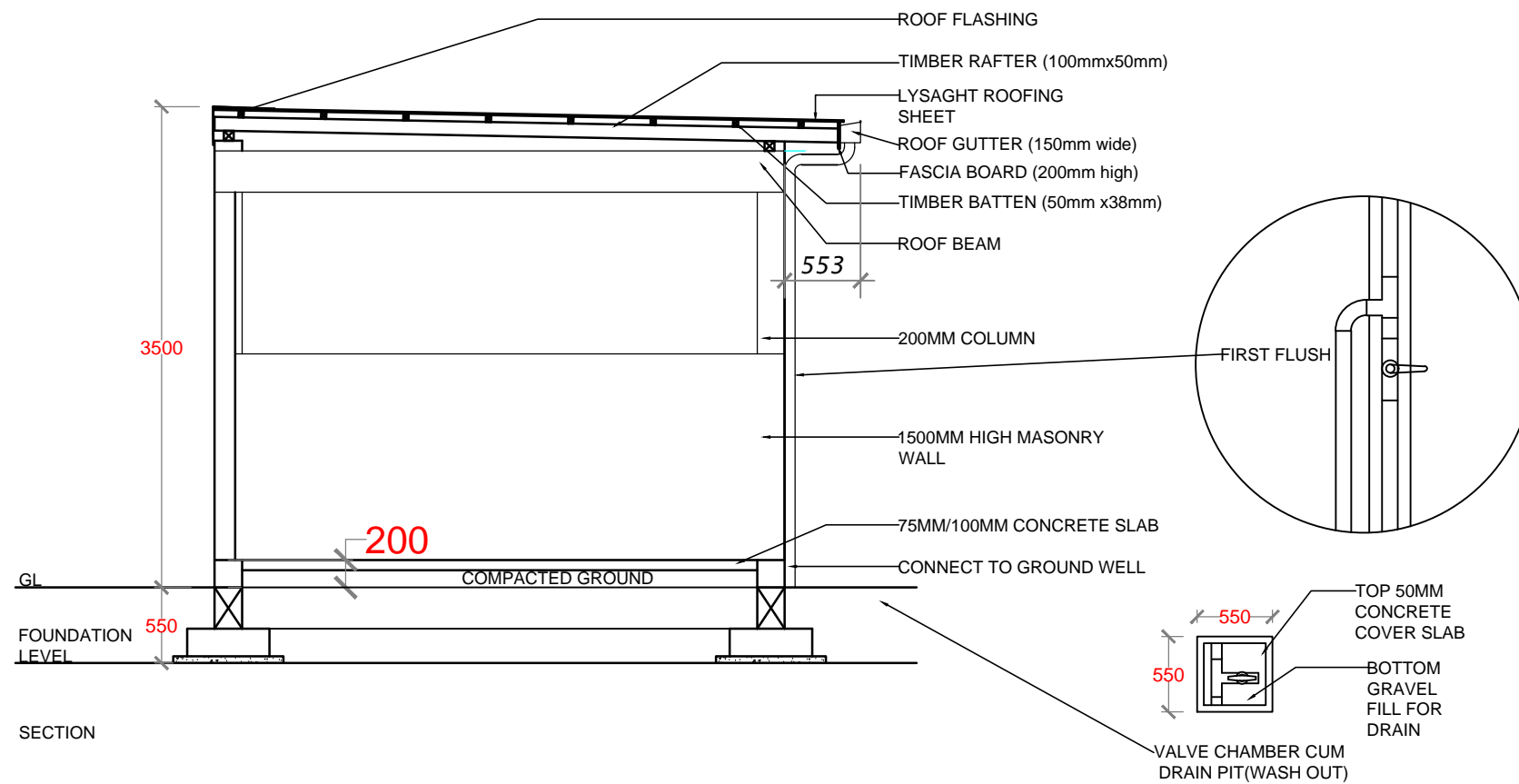









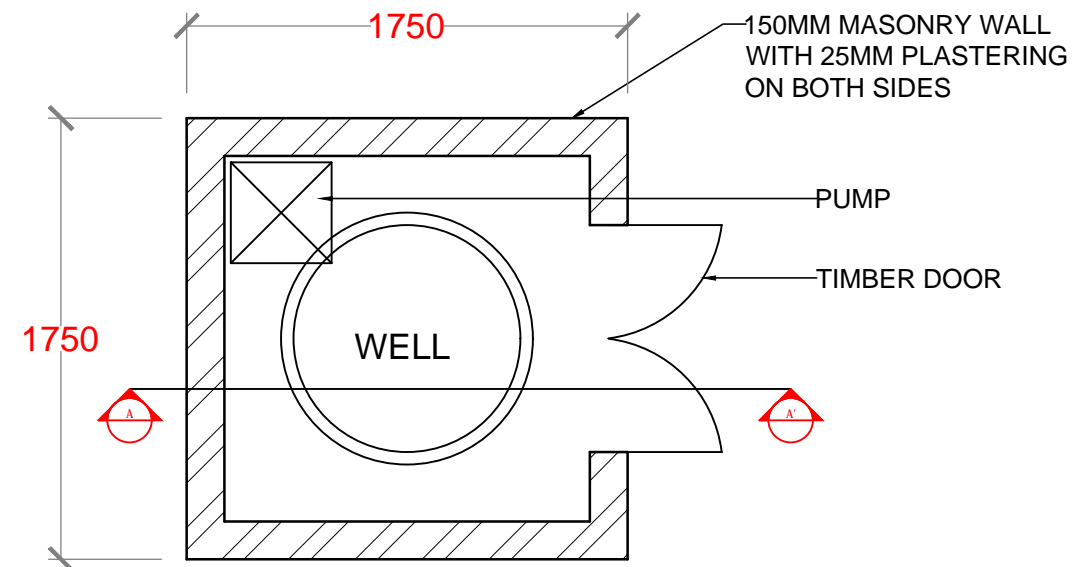


ELEVATION

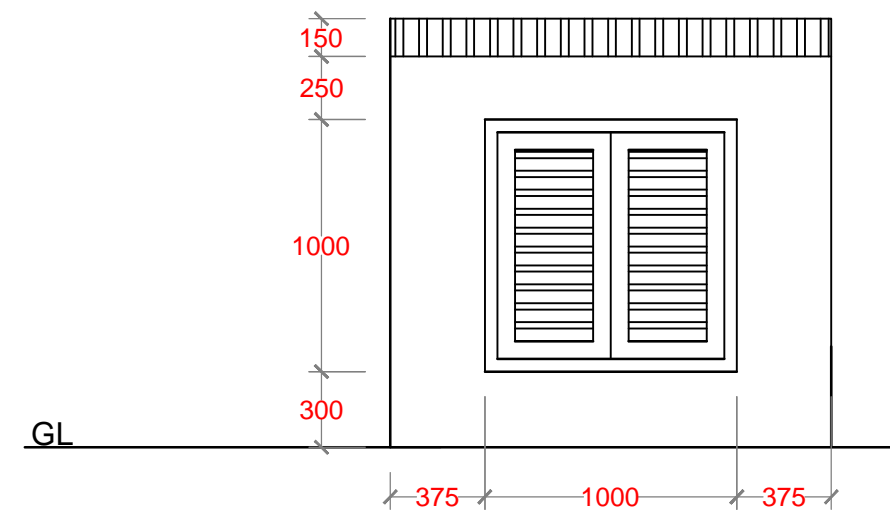


SECTION

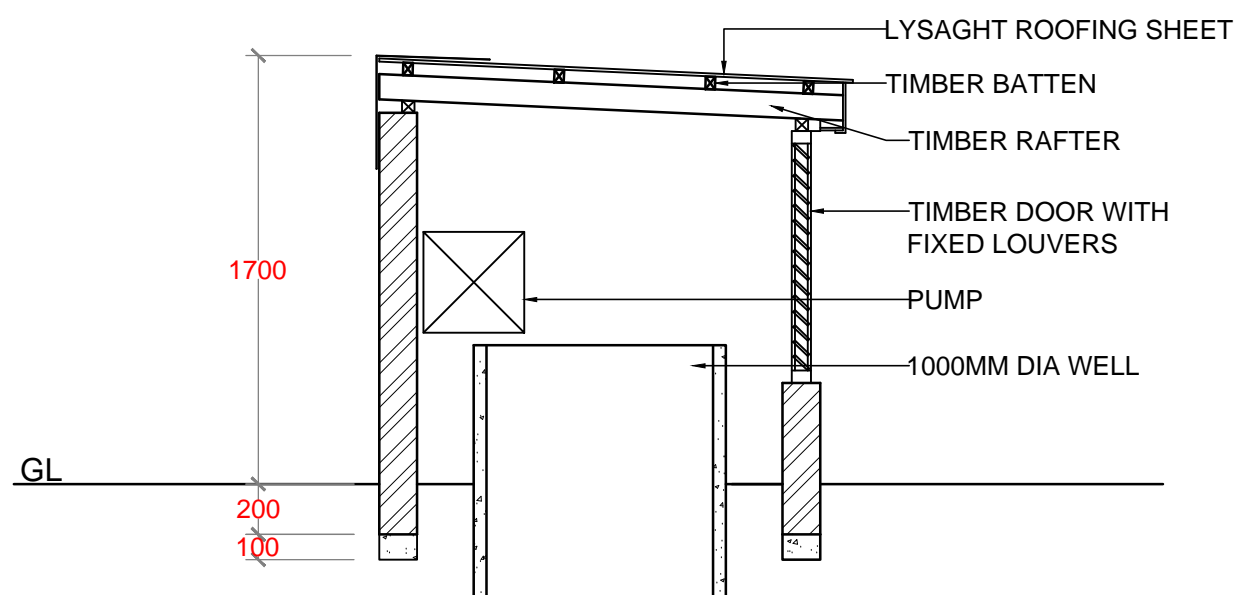
NO.	REVISION	DATE
PREPARED BY:		
G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:		
FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY:		
AISHATH AZFA PROJECT MANAGER-LECRD-UNDP		
IMPLEMENTING AGENCY:		
 United Nations Development Programme		
IMPLEMENTING PARTNER:		
 Ministry of Environment and Energy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



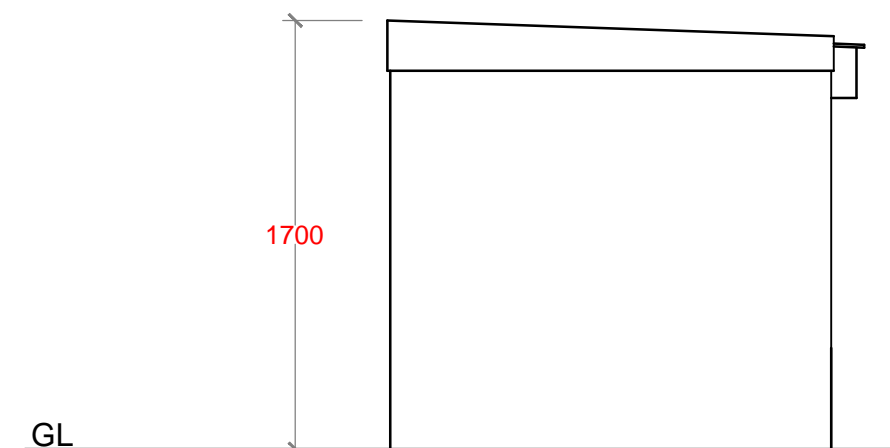
### PUMP ROOM HUT PLAN



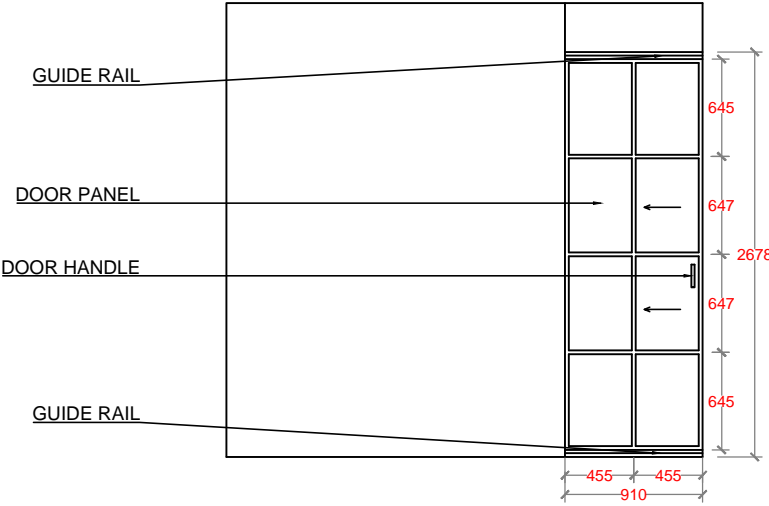
FRONT ELEVATION



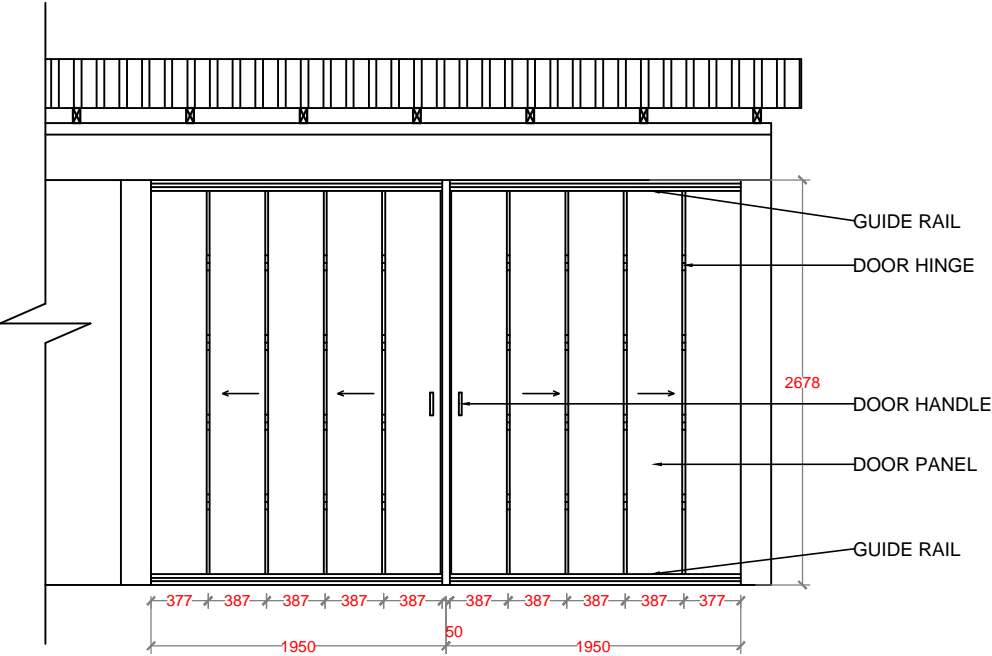
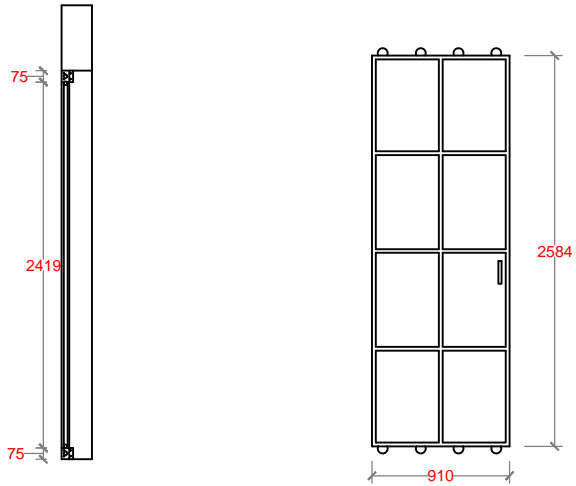
SECTION AA'



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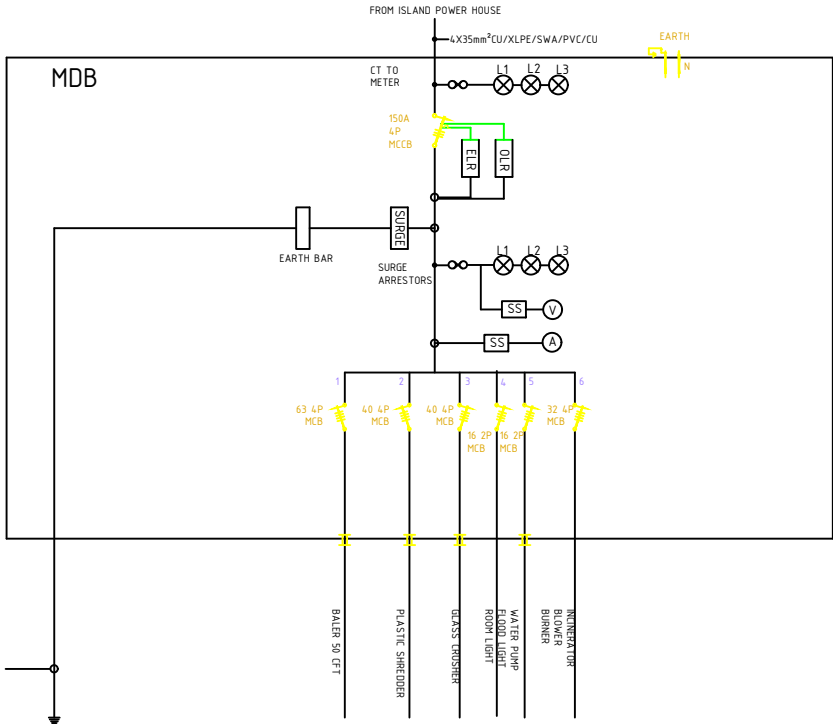


HAZARDOUS ROOM - METAL SLIDING DOOR

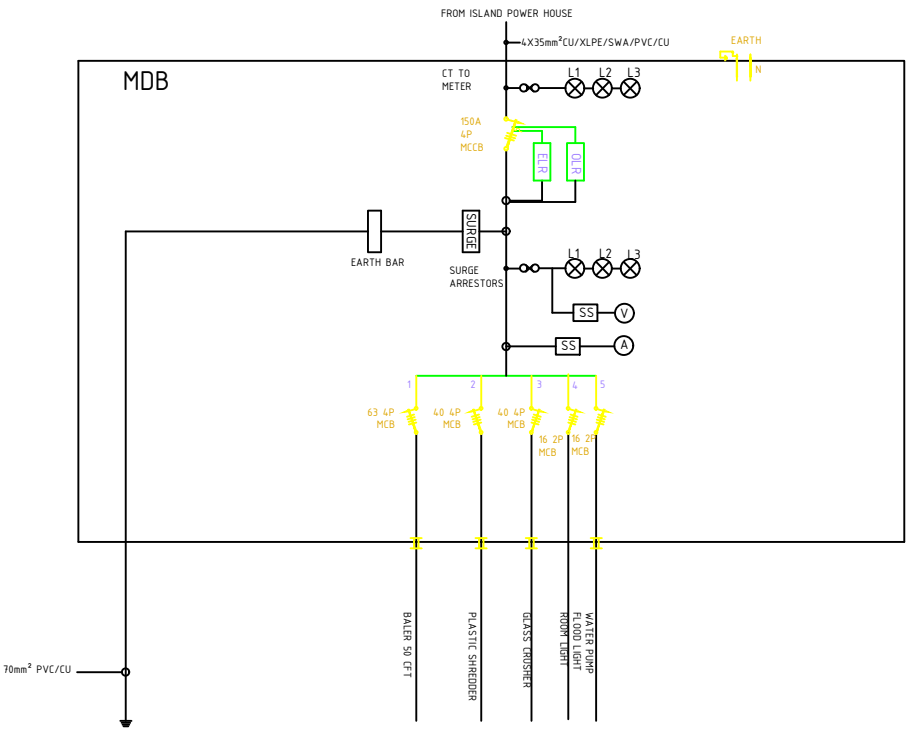


EQUIPMENT ROOM - METAL SLIDING DOOR

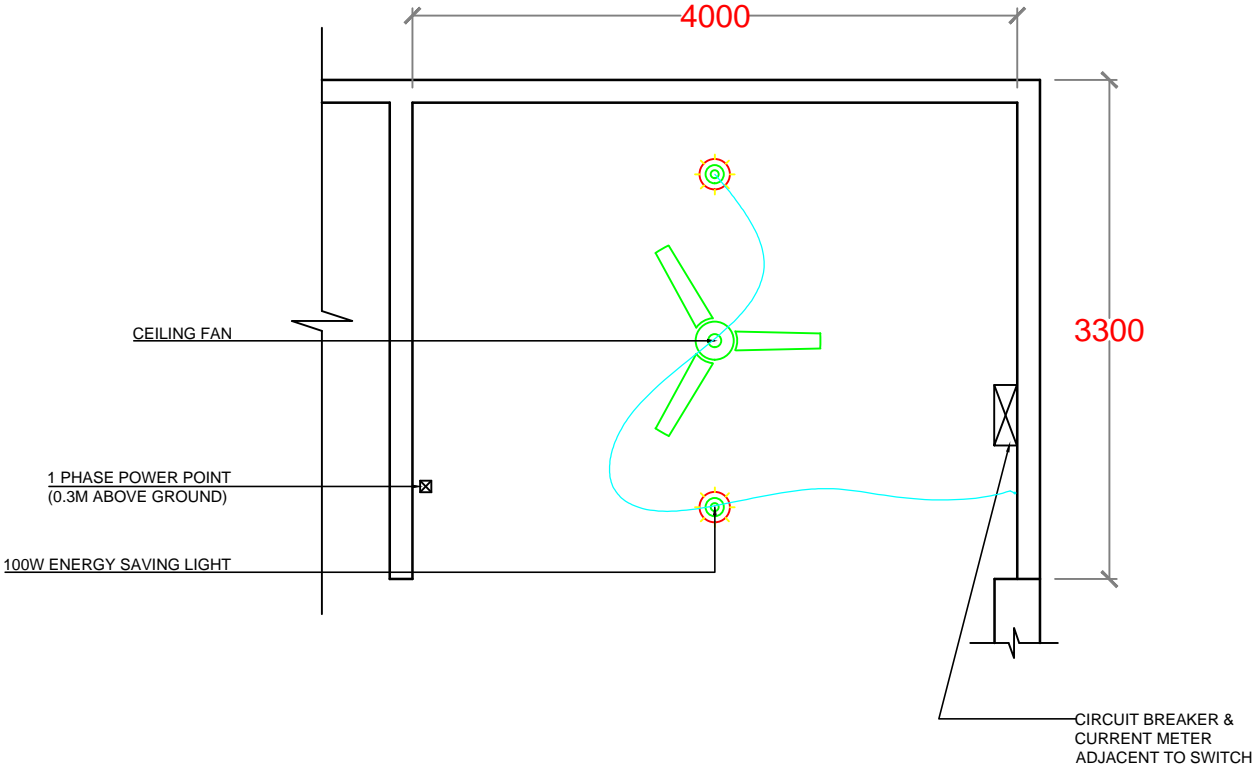
NO.	REVISION	DATE
PREPARED BY:  G.SARAVANAN CONSULTANT-CIVIL ENGINEER		
CHECKED BY:  FATHIMATH SHAFATH ENGINEER- MEE		
APPROVED BY:  AISHATH AZFA PROJECT MANAGER-LECRED-UNDP		
IMPLEMENTING AGENCY: <div> United Nations Development Programme</div>		
IMPLEMENTING PARTNER: <div> Ministry of Environment and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



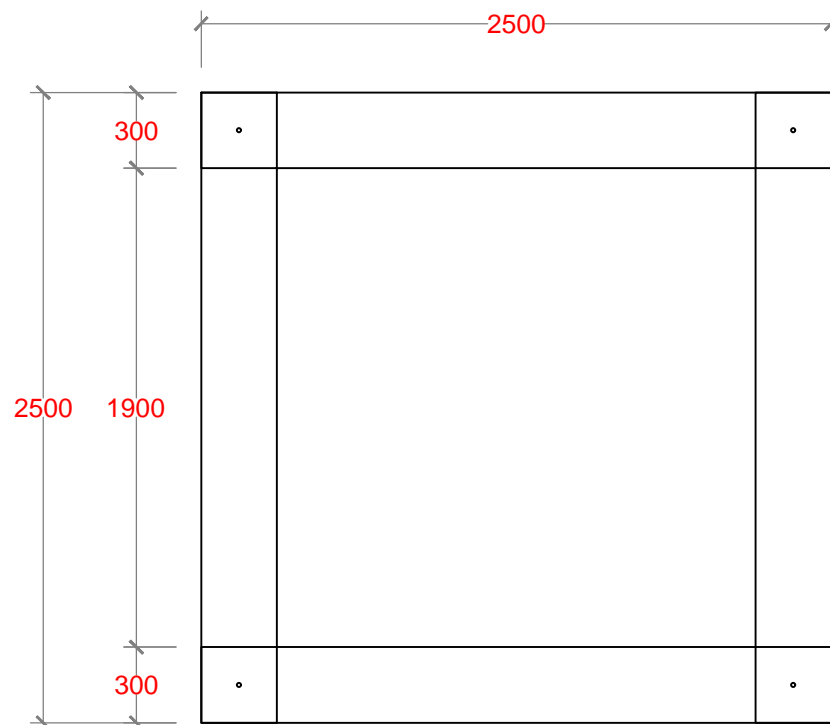
PANEL BOARD (FOR FONADHOO)



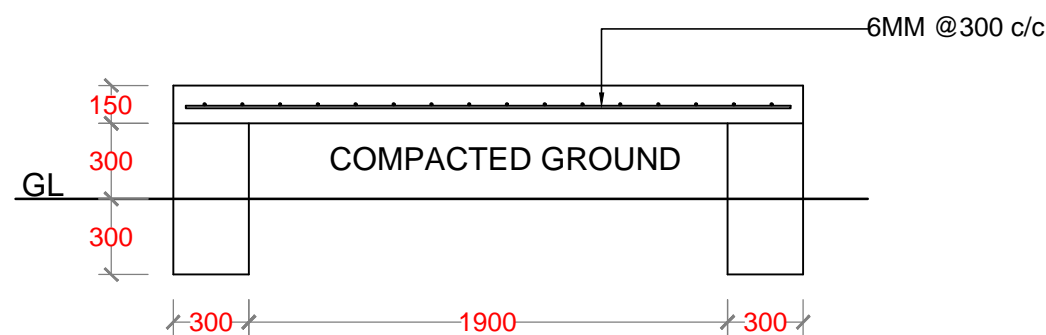
PANEL BOARD (FOR 9 ISLANDS)



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 LECRd 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	

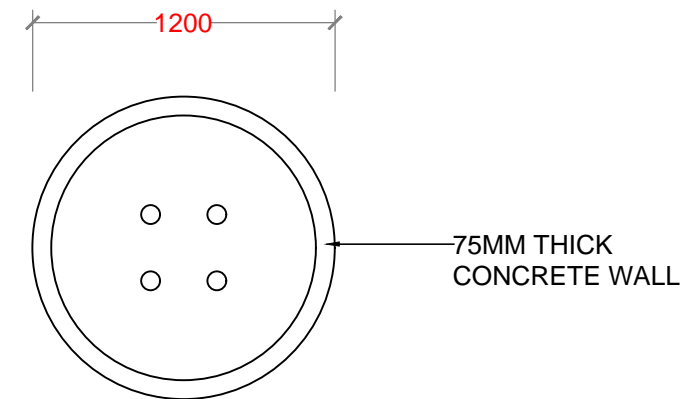


PLAN

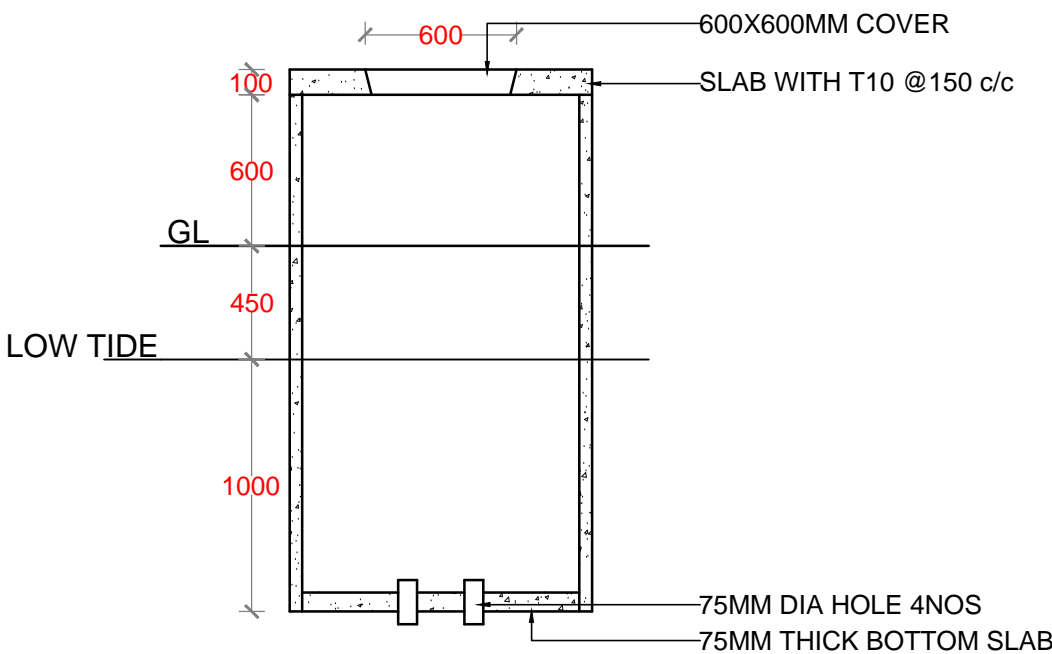


SECTION

RAINWATER TANK FOR  
2500 Ltr



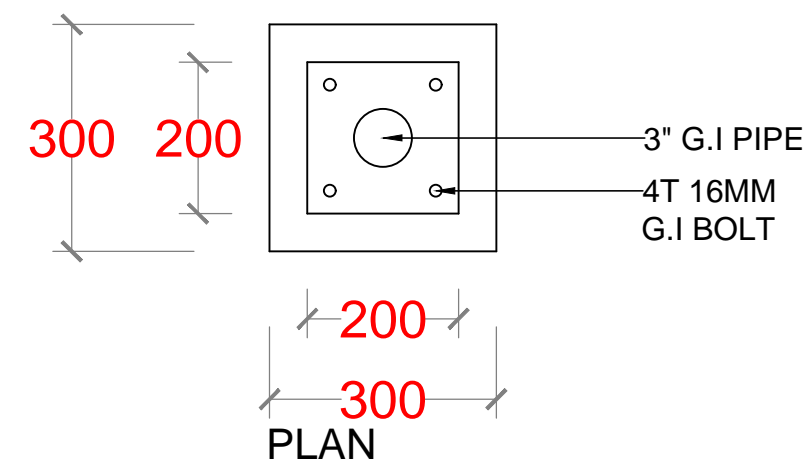
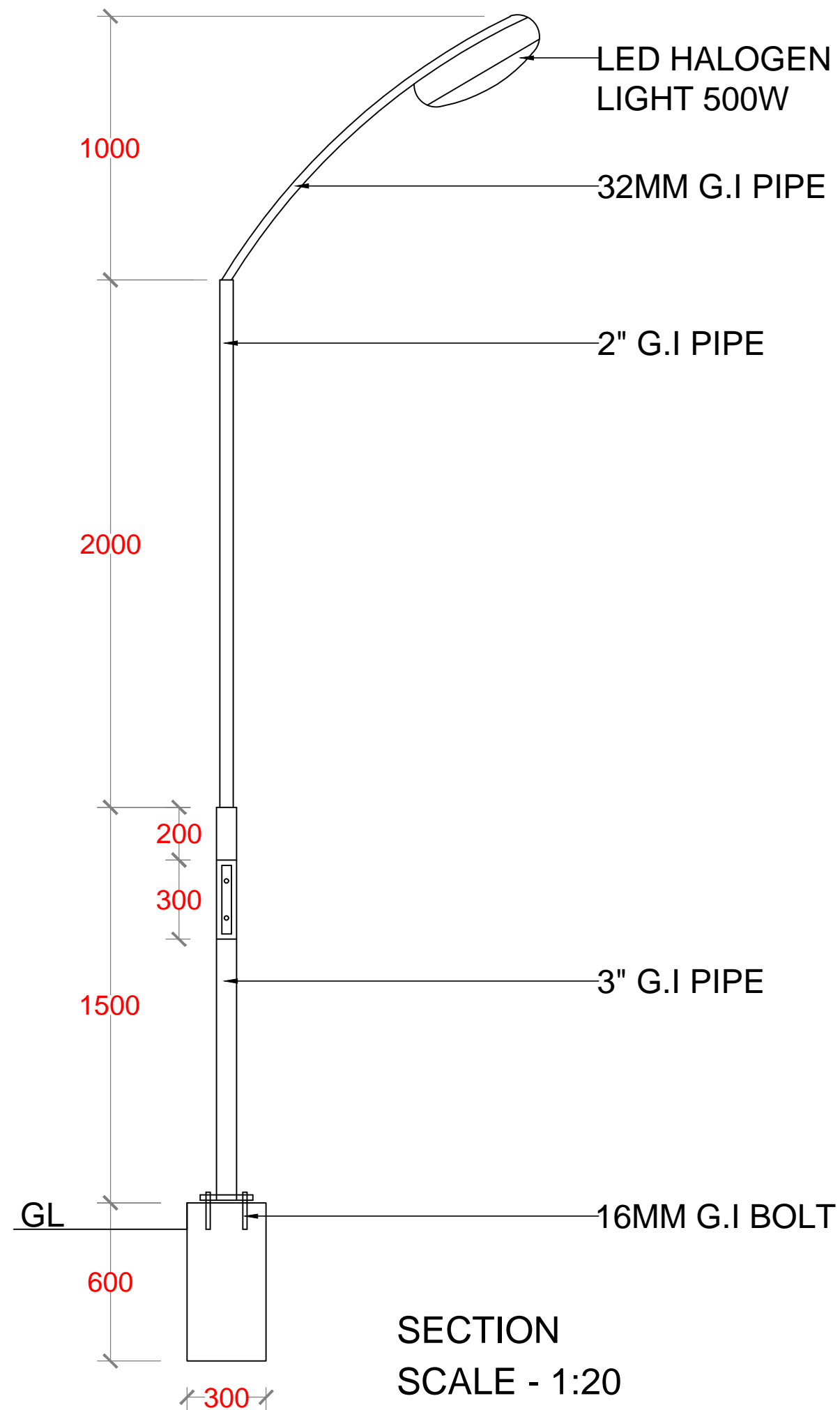
PLAN



SECTION

GROUND WATER WELL

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.		
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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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	

