



PROJECT

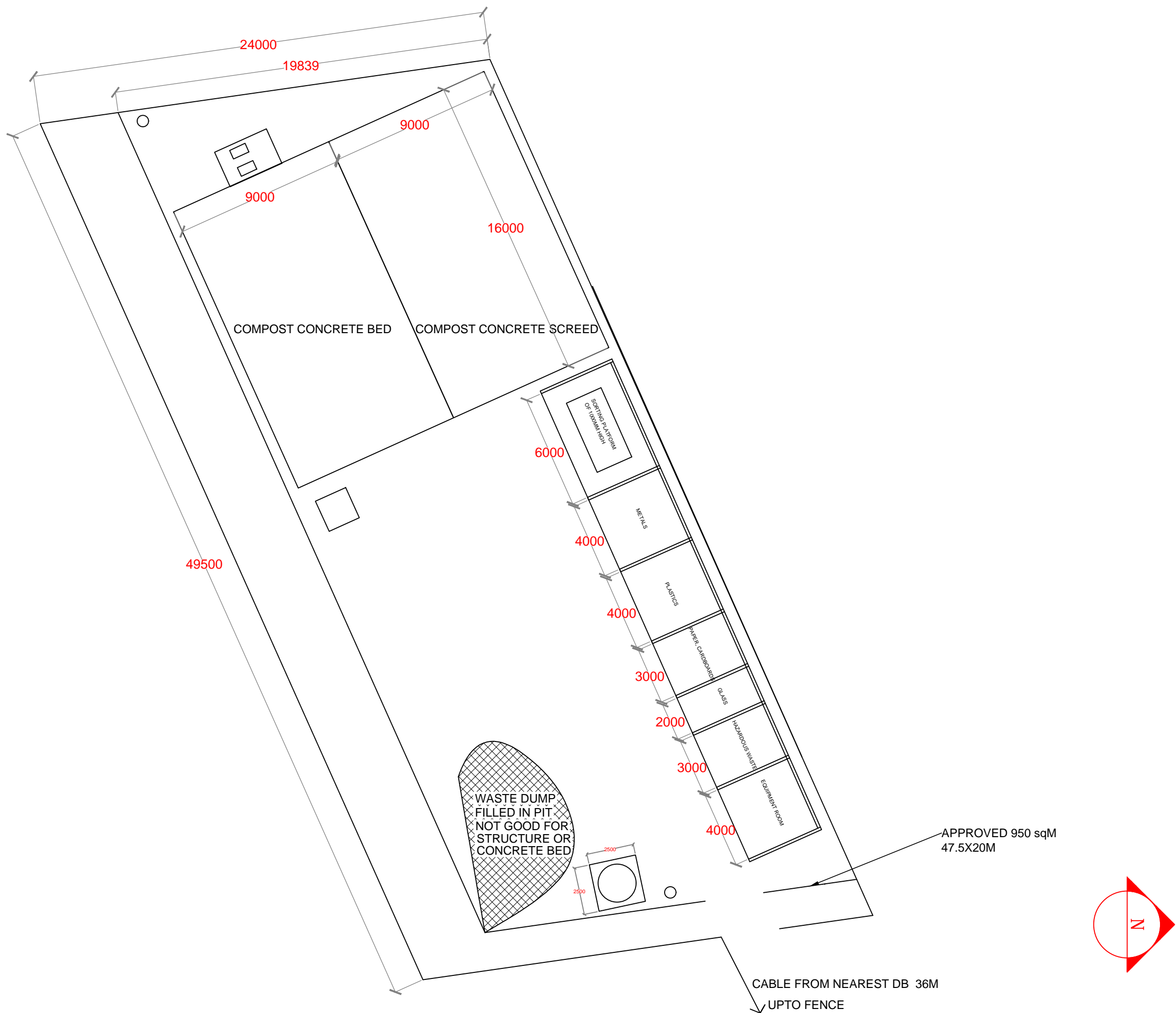
CONSTRUCTION OF ISLAND WASTE
MANAGEMENT CENTER AT
LAAMU.MAAVAH ISLAND


PREPARED BY

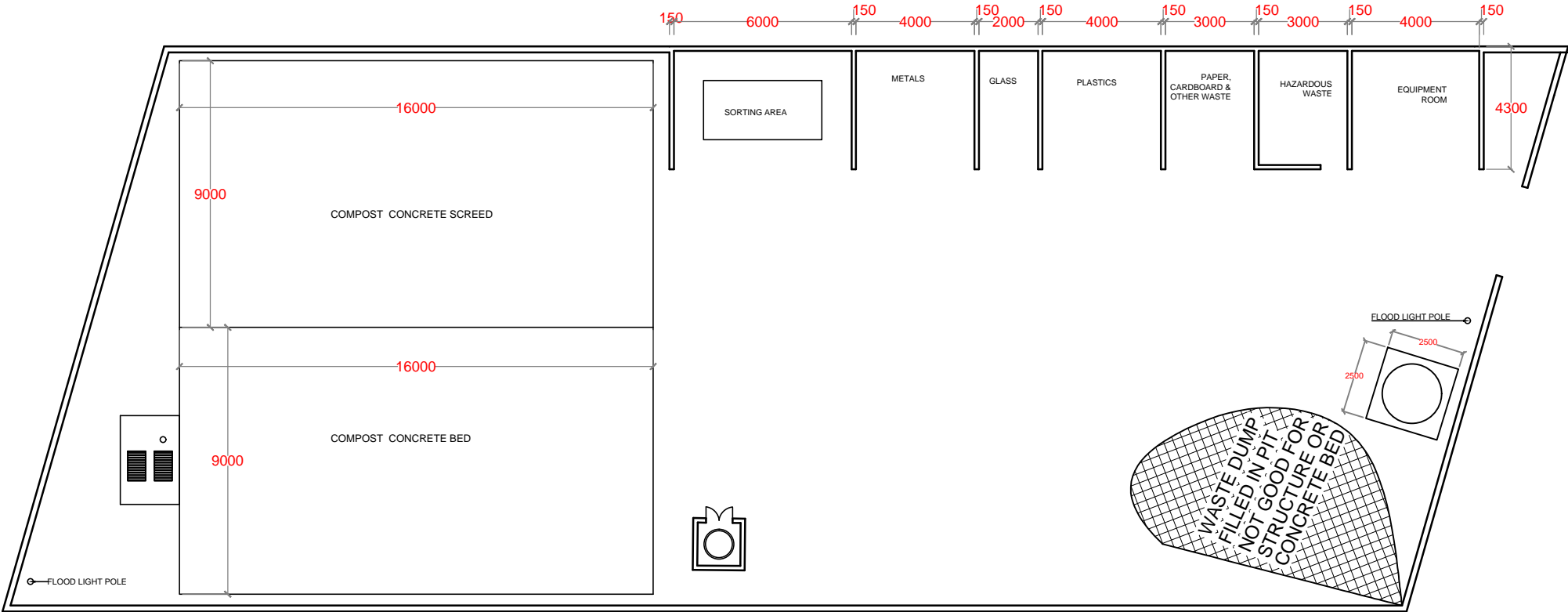
United Nations Development Programme




CONTENT

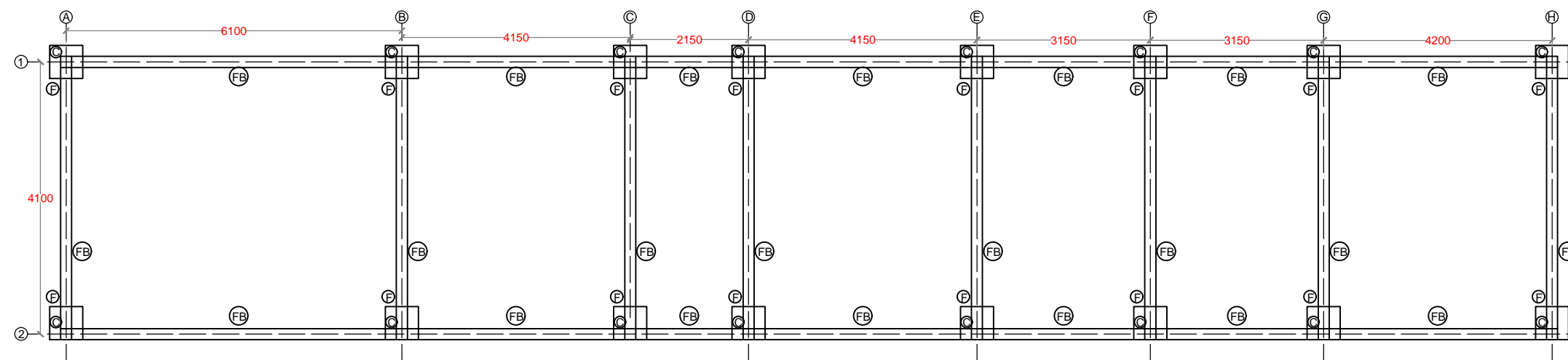
| MAAVAH DRAWINGS | | |
|-----------------|-------------------|----------------------------|
| SL.NO | DRAWING NAME | DRAWING NUMBER |
| 1 | SITE PLAN | 00088179/2017/IWMC/MAV/001 |
| 2 | FLOOR PLAN | 00088179/2017/IWMC/MAV/002 |
| 3 | FOUNDATION PLAN | 00088179/2017/IWMC/MAV/003 |
| 4 | ROOF FRAME PLAN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



| NO. | REVISION | DATE |
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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 LECRD Low Emission Climate Resilient Development | | |
| PROJECT NAME: | | |
| CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL | | |
| ISLAND NAME: | | |
| LAAMU. MAAVAH | | |
| LOCATION: | | |
| ISLAND WASTE MANAGEMENT CENTER | | |
| DRAWING NAME: | | |
| SITE PLAN | | |
| DRAWING NO: | | |
| 00088179/2017/IWMC/MAV/001 | | |
| DATE : | APRIL 2017 | |
| SCALE : | 1:200 | |
| PROJECT NO : | 00088179 | |

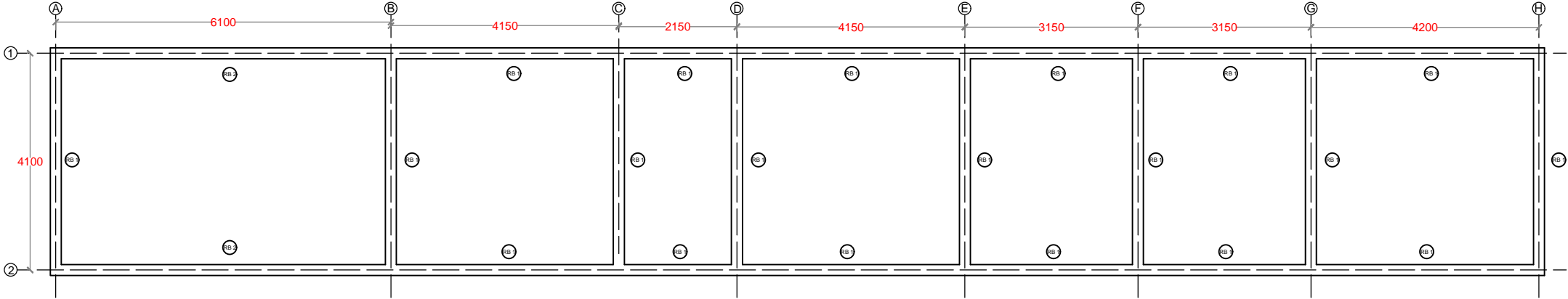


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| PREPARED BY: G.SARAVANAN CONSULTANT-CIVIL ENGINEER | | |
| CHECKED BY: FATHIMATH SHAFATH ENGINEER- MEE | | |
| APPROVED BY: AISHATH AZFA PROJECT MANAGER-LECRED-UNDP | | |
| IMPLEMENTING AGENCY: <div> United Nations Development Programme</div> | |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

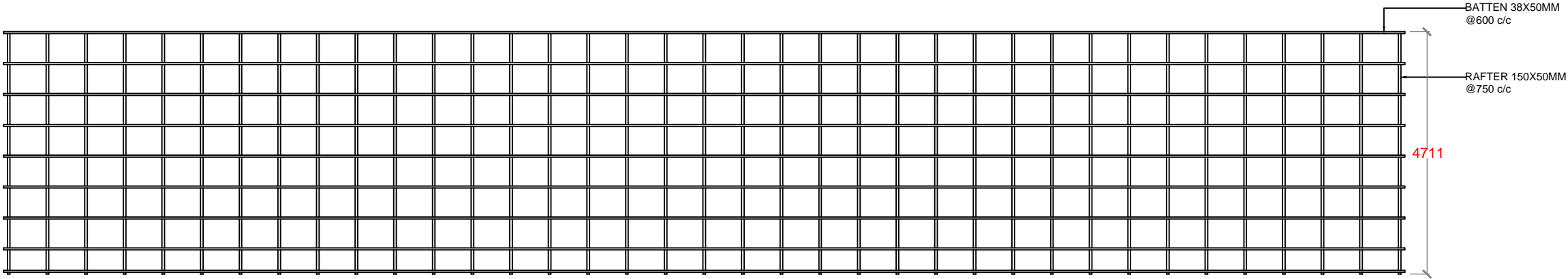


FOUNDATION PLAN

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

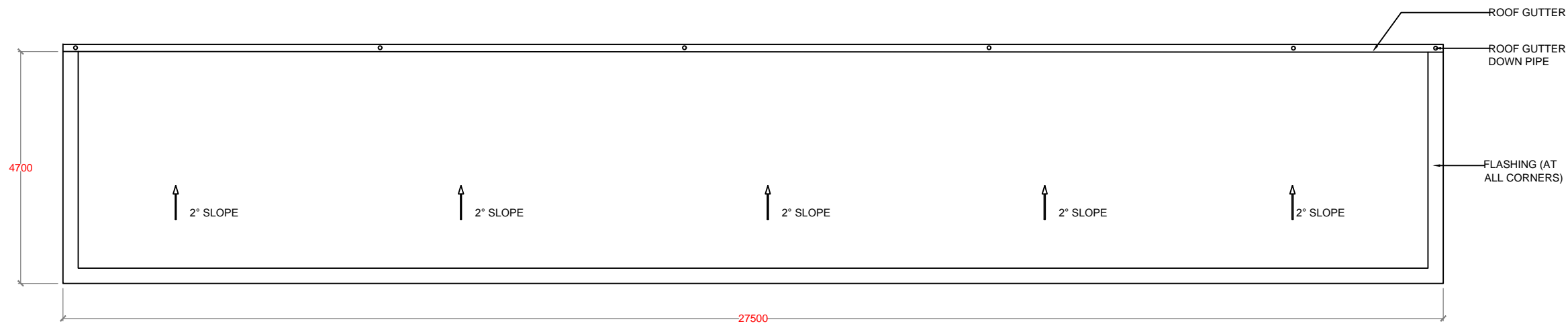


ROOF BEAM PLAN





BATTEN & RAFTERS

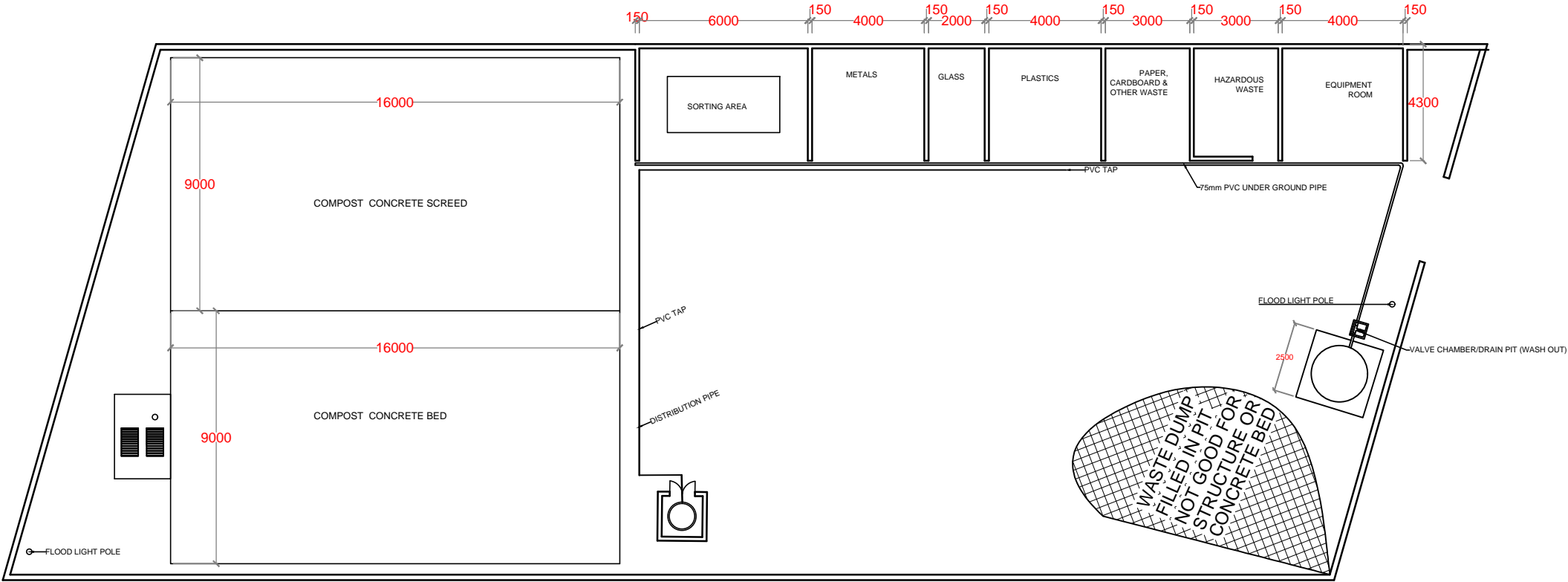
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| APPROVED BY: AISHATH AZFA PROJECT MANAGER-LECRED-UNDP | | |
| IMPLEMENTING AGENCY:  United Nations Development Programme | | |
| IMPLEMENTING PARTNER:  Ministry of Environment and Energy | | |
| PROGRAMME:  Low Emission Climate Resilient Development <small>Low Emission Climate Resilient Development</small> | | |
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| ISLAND NAME: LAAMU. MAAVAH | | |
| LOCATION: ISLAND WASTE MANAGEMENT CENTER | | |
| DRAWING NAME: ROOF FRAME PLAN | | |
| DRAWING NO: 00088179/2017/IWMC/MAV/004 | | |
| DATE : | APRIL 2017 | |
| SCALE : | 1:100 | |
| PROJECT NO : | 00088179 | |



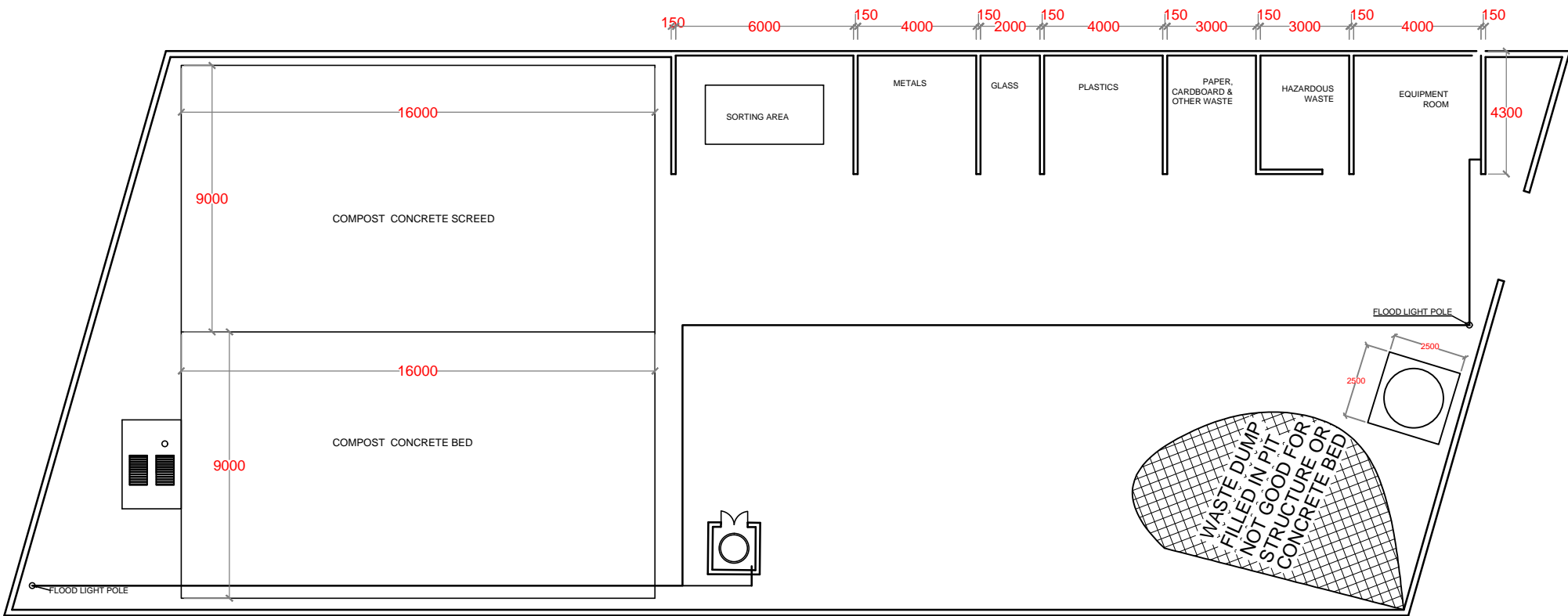
ROOF PLAN

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| 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> | |
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| ISLAND NAME: LAAMU. MAAVAH | |
| LOCATION: ISLAND WASTE MANAGEMENT CENTER | |
| DRAWING NAME: ROOF PLAN | |
| DRAWING NO: 00088179/2017/IWMC/MAV/005 | |
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| PROJECT NO : | 00088179 |



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| ISLAND NAME: LAAMU. MAAVAH | | |
| LOCATION: ISLAND WASTE MANAGEMENT CENTER | | |
| DRAWING NAME: PLUMBING LAYOUT | | |
| DRAWING NO: 00088179/2017/IWMC/MAV/006 | | |
| DATE : | APRIL 2017 | |
| SCALE : | 1:200 | |
| PROJECT NO : | 00088179 | |

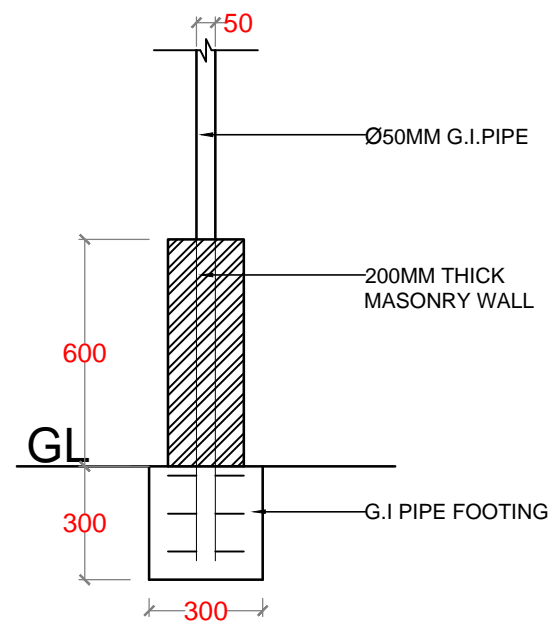


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| ISLAND NAME: LAAMU. MAAVAH | | |
| LOCATION: ISLAND WASTE MANAGEMENT CENTER | | |
| DRAWING NAME: ELECTRICAL LAYOUT | | |
| DRAWING NO: 00088179/2017/IWMC/MAV/007 | | |
| DATE : | APRIL 2017 | |
| SCALE : | 1:200 | |
| PROJECT NO : | 00088179 | |

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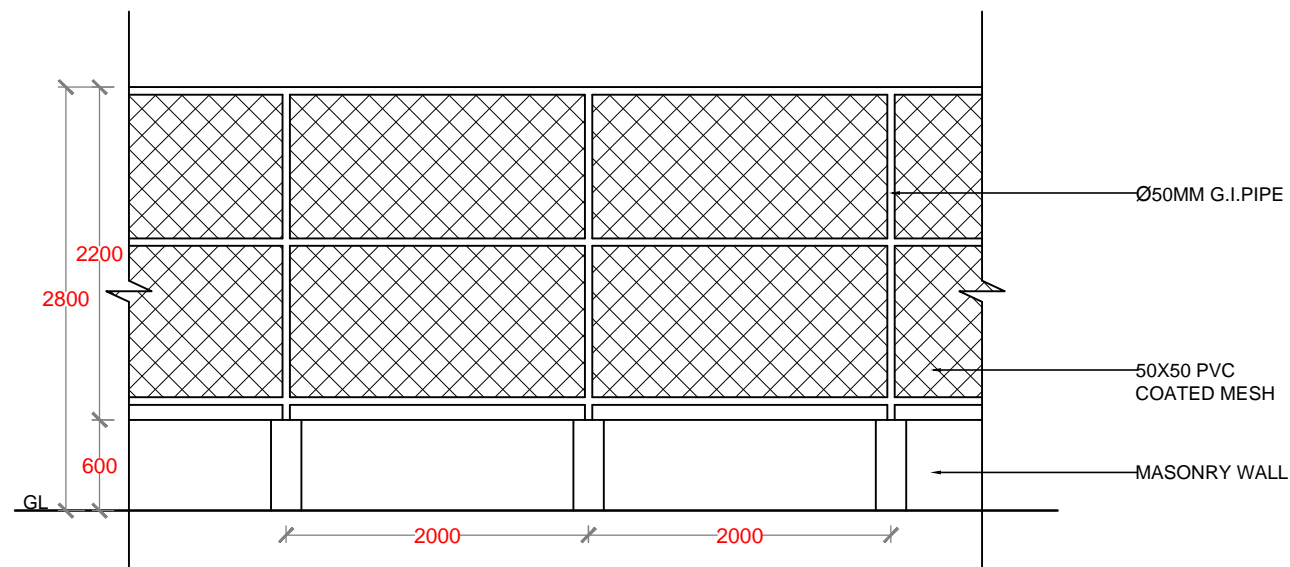
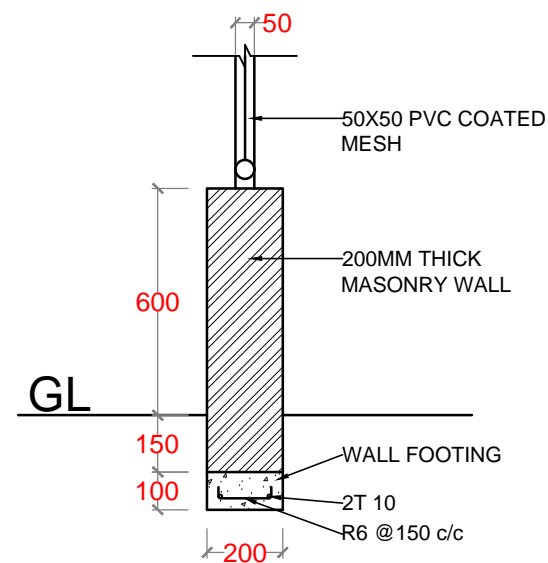
STANDARD DRAWINGS (APPLICABLE FOR ALL ISLANDS)

| SL.NO | DRAWING NAME | DRAWING NUMBER |
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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 |

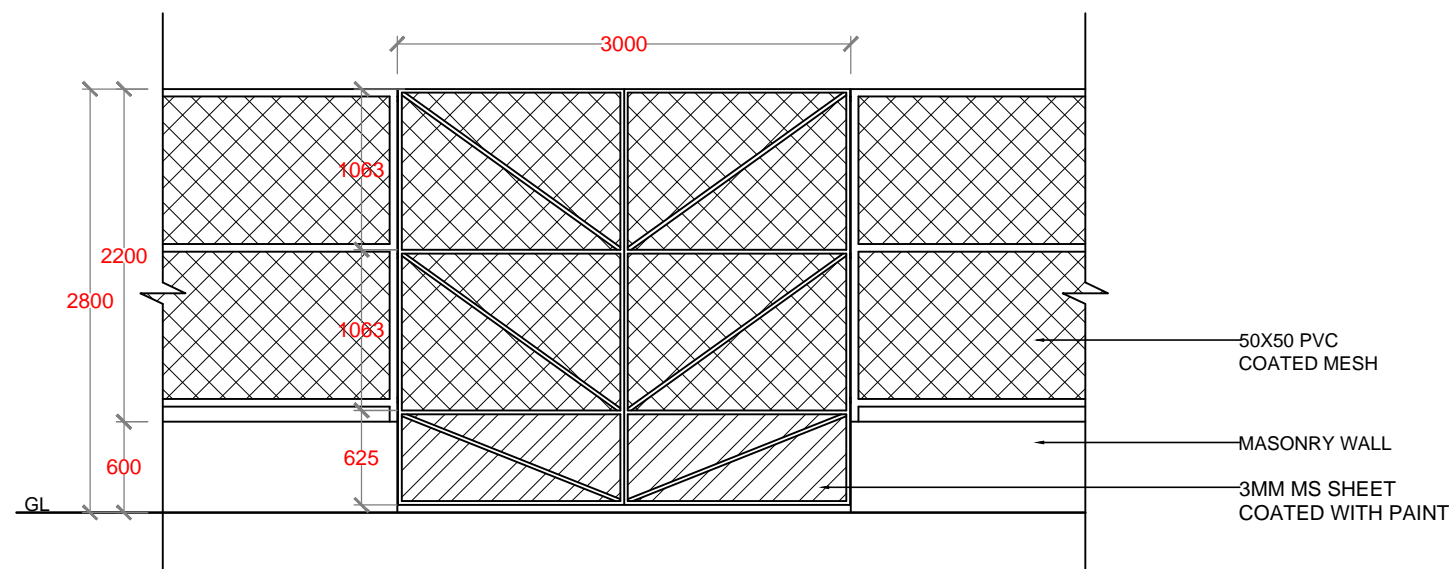


FENCING FOUNDATION DETAILS

SCALE - 1:20

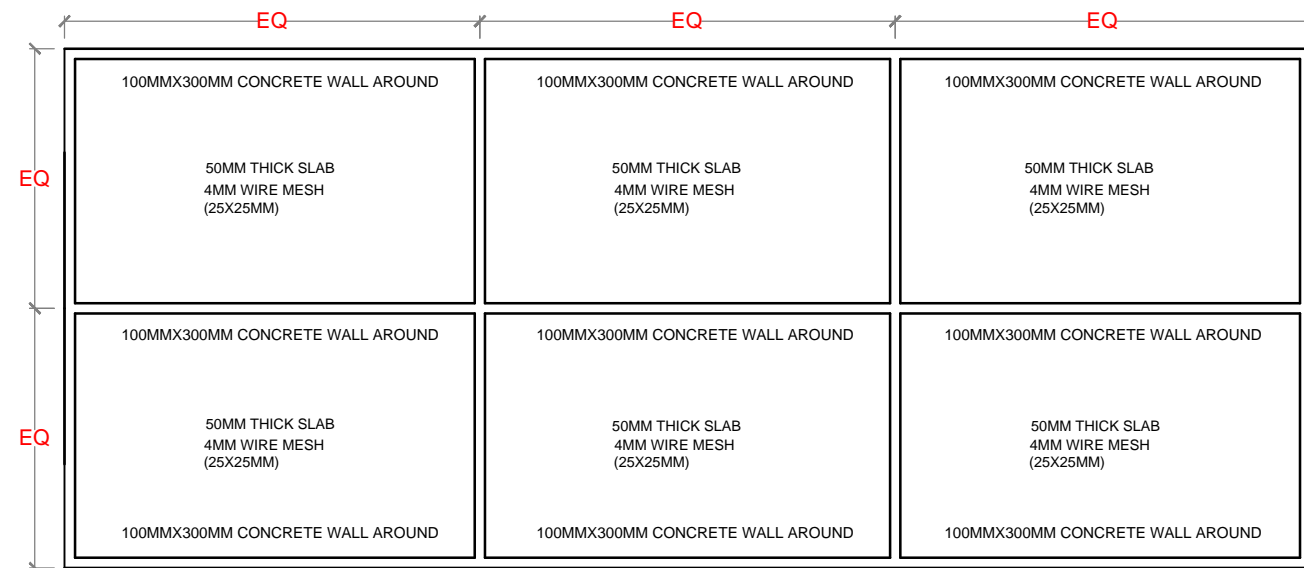


PERIMETER FENCE

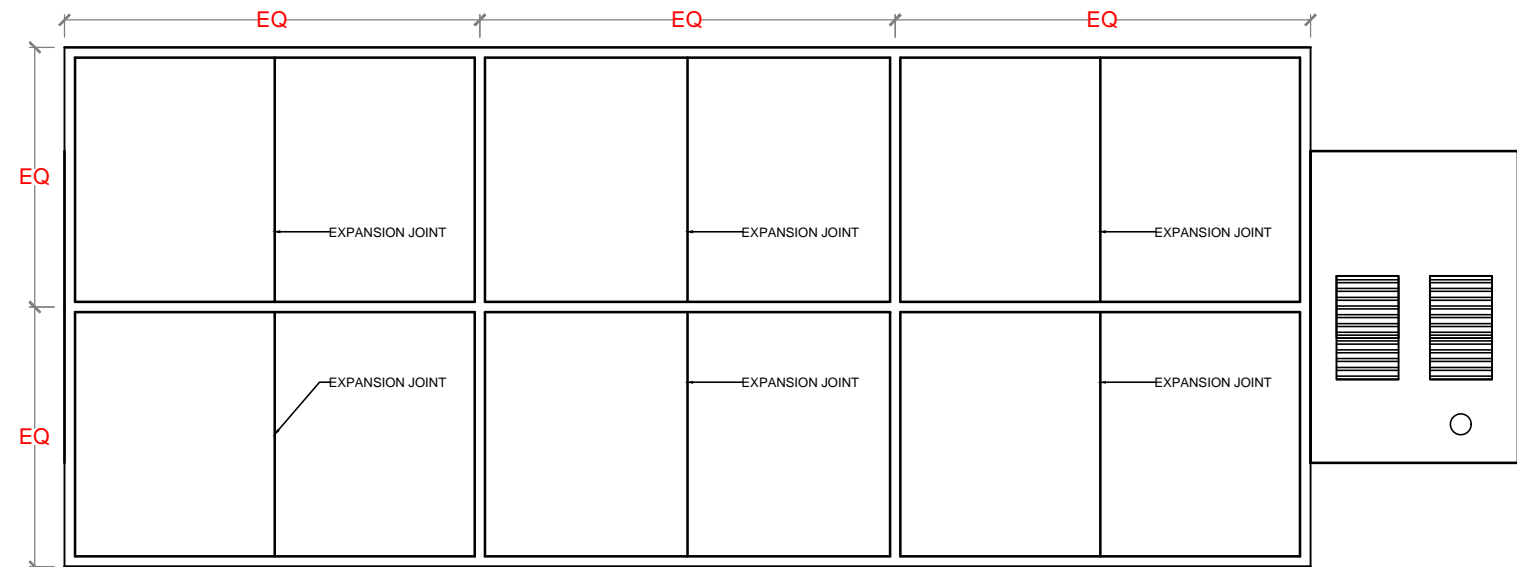


MAIN GATE

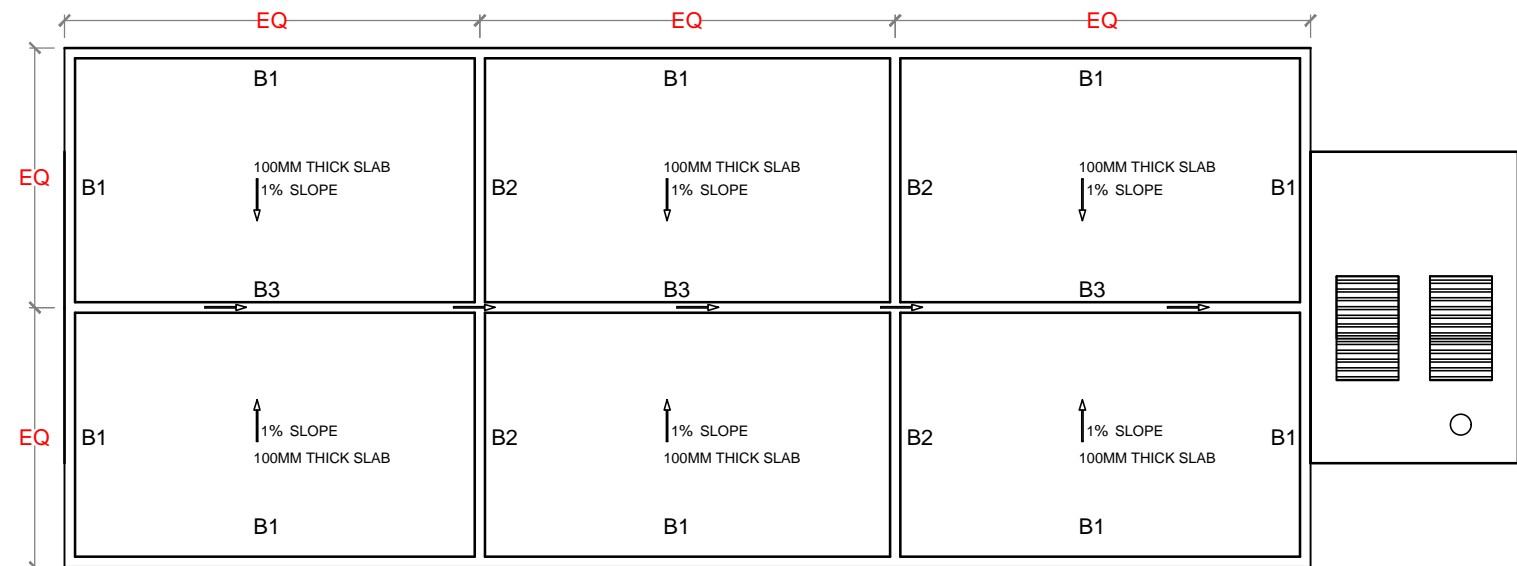
FENCING DETAILS
SCALE - 1:50



COMPOST CONCRETE SCREED - PLAN

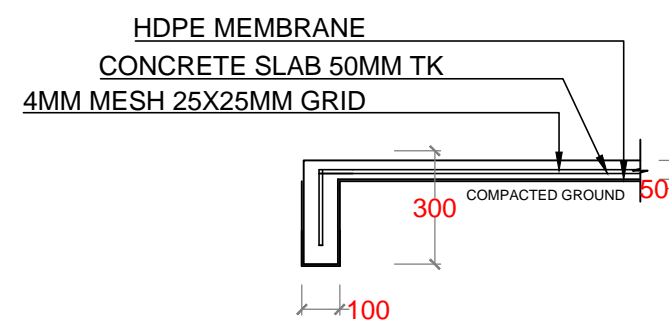
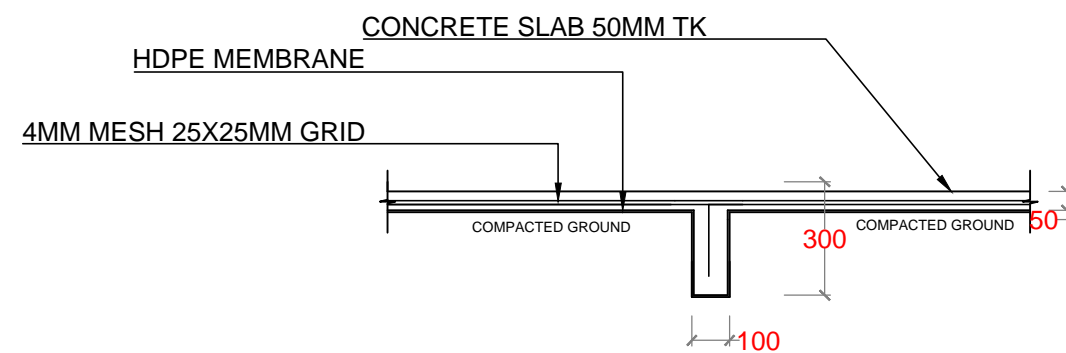
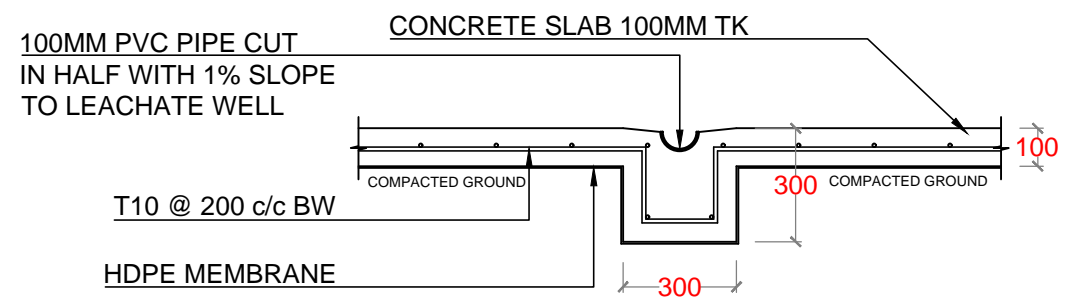
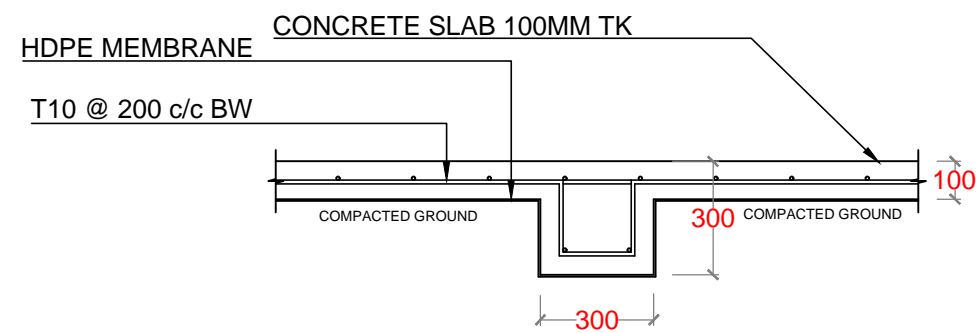
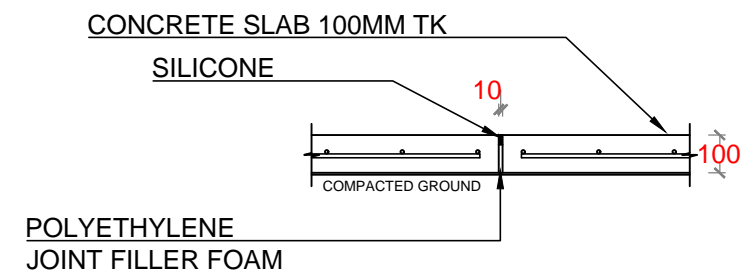
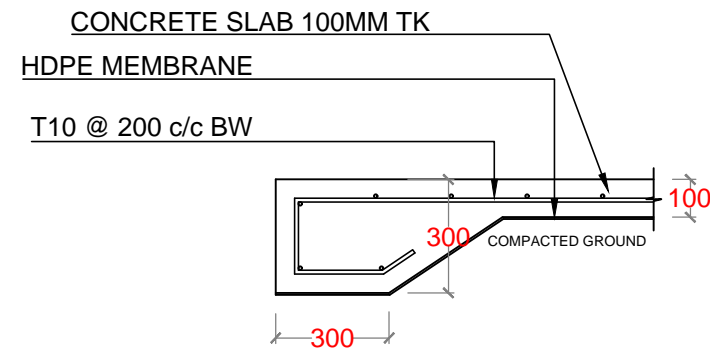





COMPOST SLAB - JOINTS AND SPACING

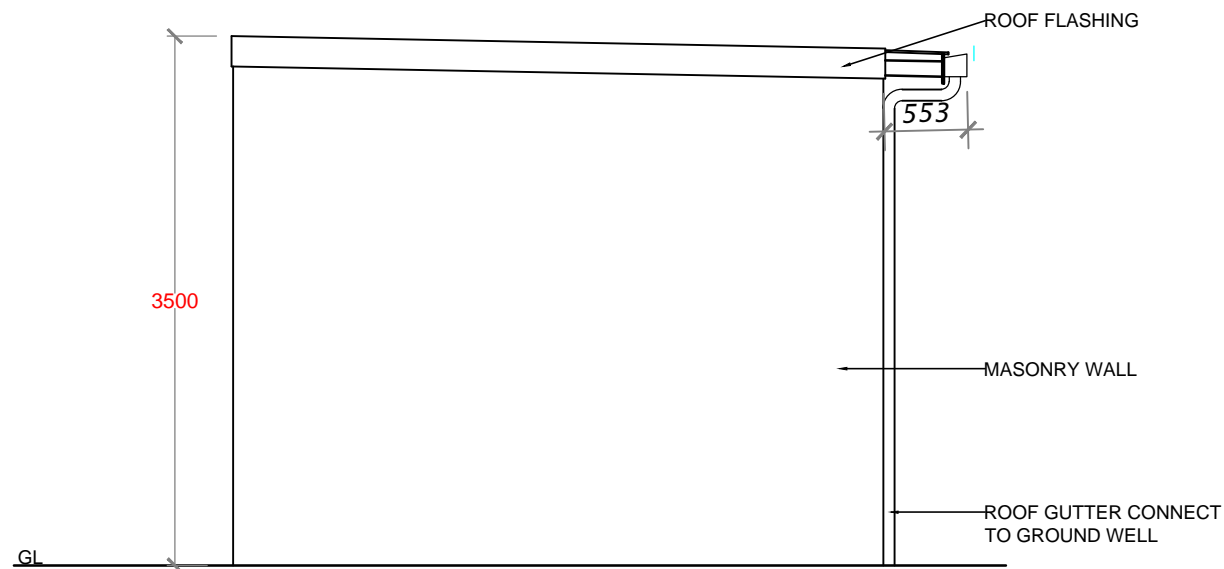


COMPOST SLAB - PLAN

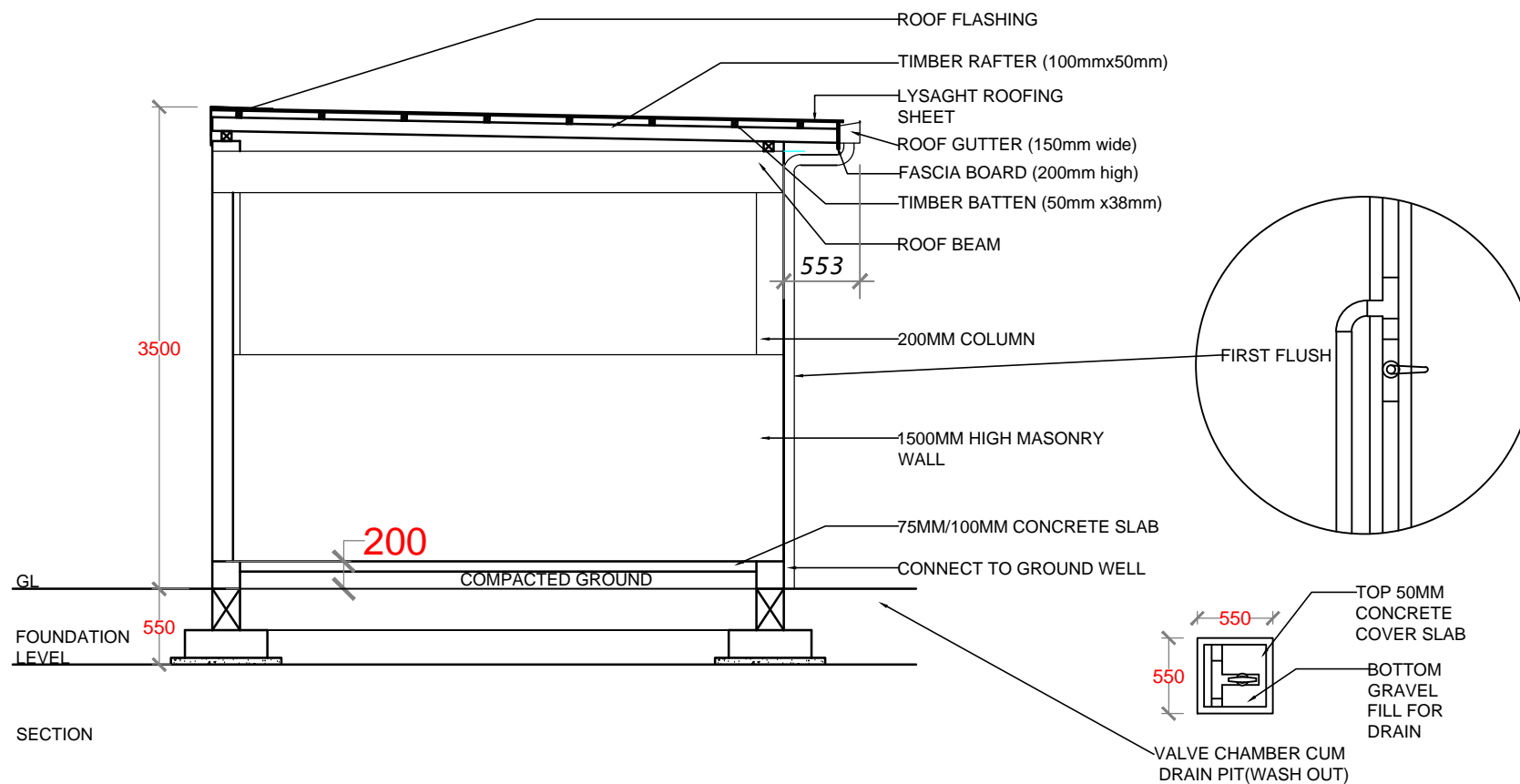
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| G.SARAVANAN CONSULTANT-CIVIL ENGINEER | | |
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| FATHIMATH SHAFATH ENGINEER- MEE | | |
| APPROVED BY: | | |
| AISHATH AZFA PROJECT MANAGER-LECRD-UNDP | | |
| IMPLEMENTING AGENCY: | | |
|  United Nations 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: | | |
| CONCRETE BED / SCREED REINFORCEMENT DETAIL | | |
| DRAWING NO: | | |
| 00088179/2017/IWMC/SD/003A | | |
| DATE : | APRIL 2017 | |
| SCALE : | 1:20 | |
| PROJECT NO : | 00088179 | |






| NO. | REVISION | DATE |
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| 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/003 | | |
| DATE : | APRIL 2017 | |
| SCALE : | 1:20 | |
| PROJECT NO : | 00088179 | |

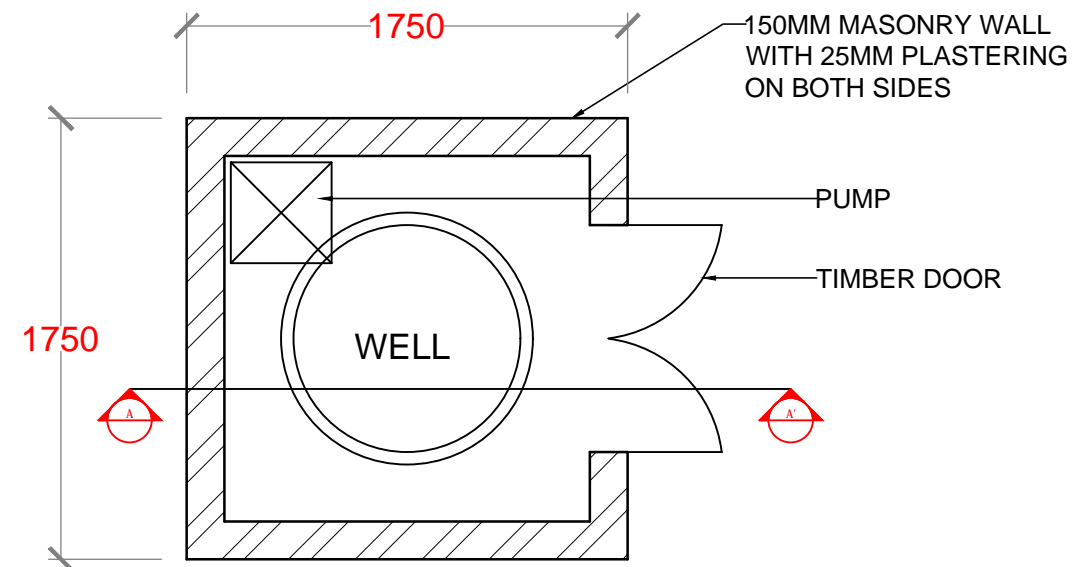


ELEVATION

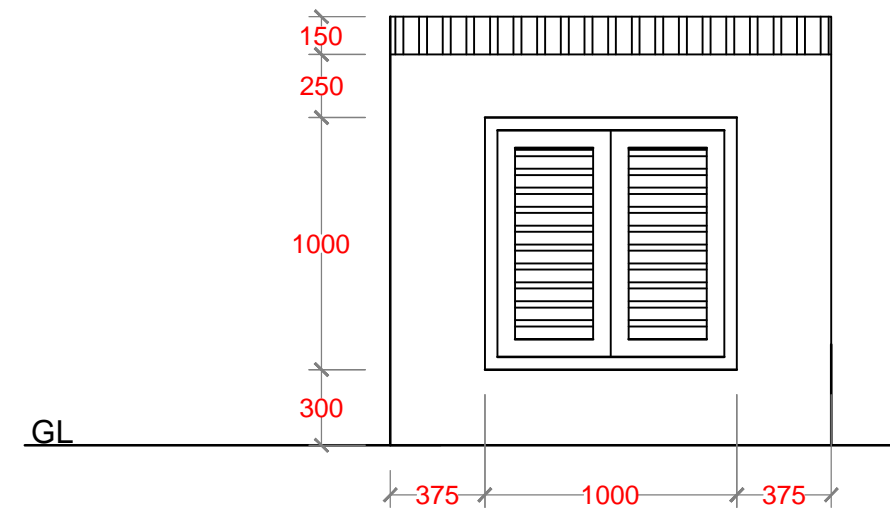


SECTION

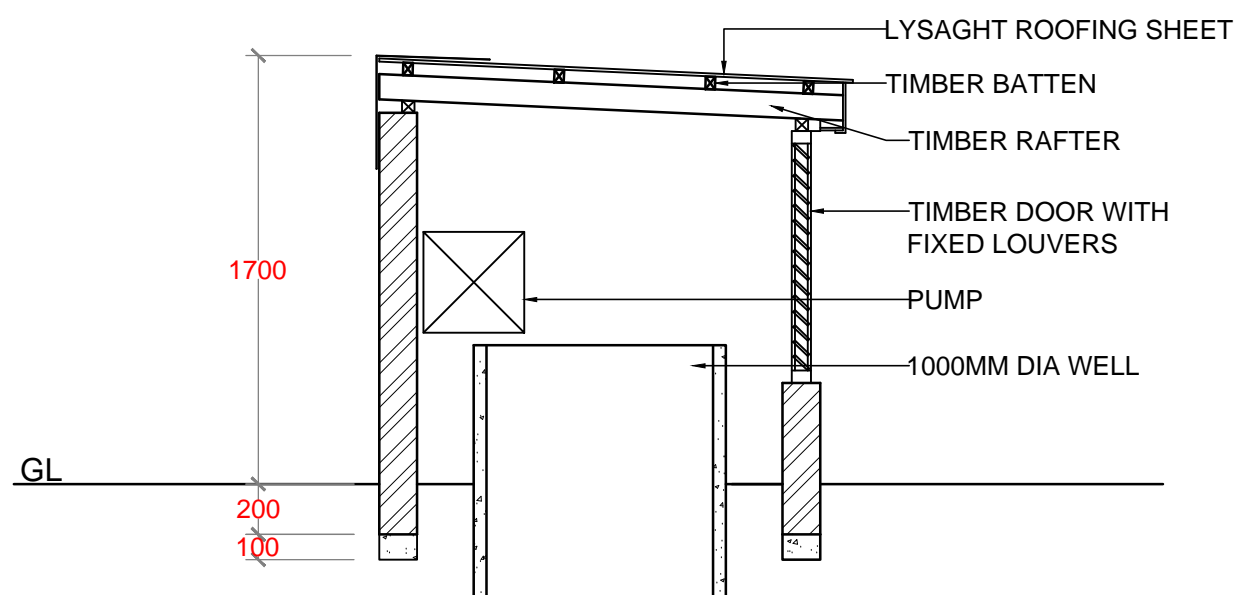
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| PROJECT NAME: CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL | | |
| ISLAND NAME: LAAMU. | | |
| LOCATION: ISLAND WASTE MANAGEMENT CENTER | | |
| DRAWING NAME: ELEVATION & SECTION | | |
| DRAWING NO: 00088179/2017/IWMC/SD/006 | | |
| DATE : | APRIL 2017 | |
| SCALE : | 1:50 | |
| PROJECT NO : | 00088179 | |



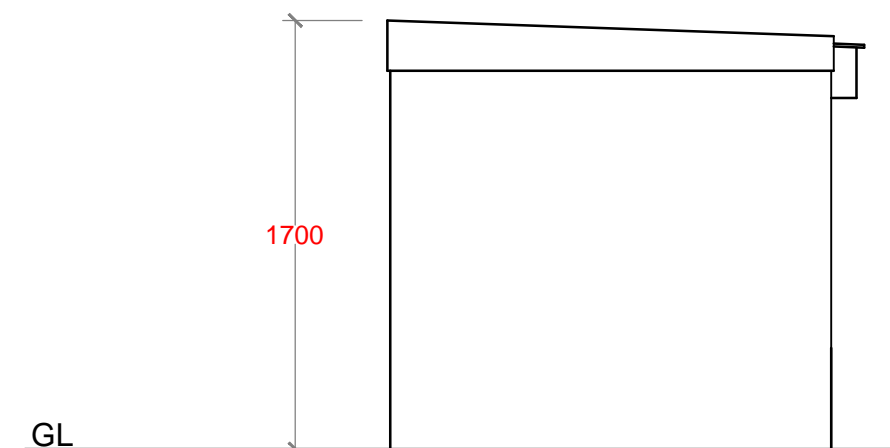
PUMP ROOM HUT PLAN



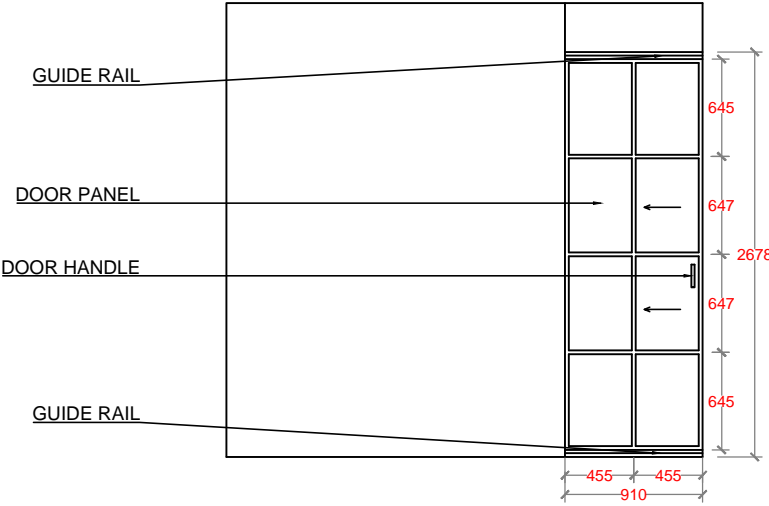
FRONT ELEVATION



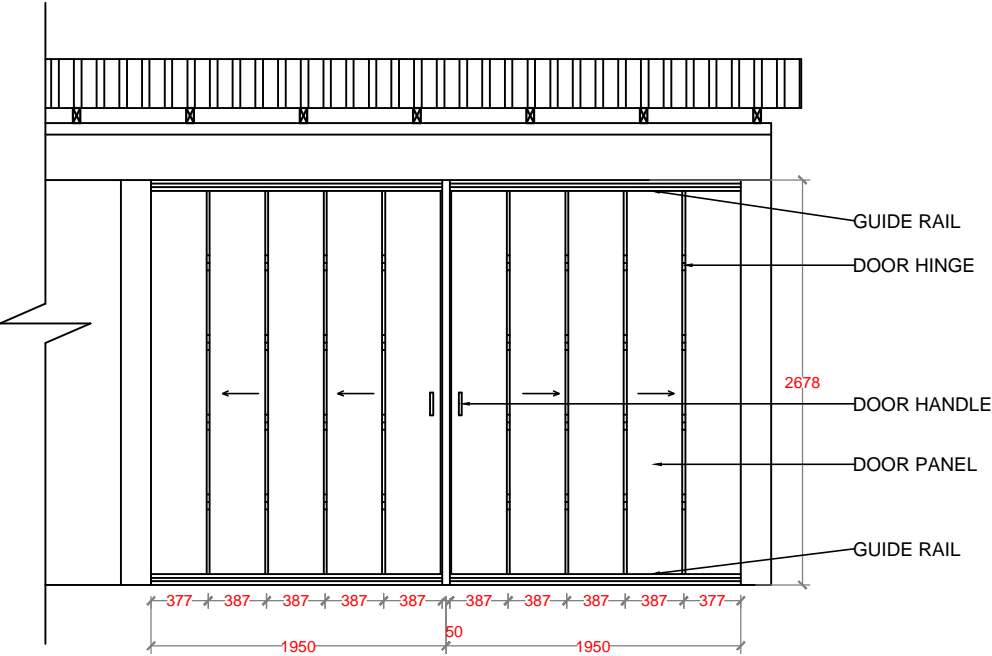
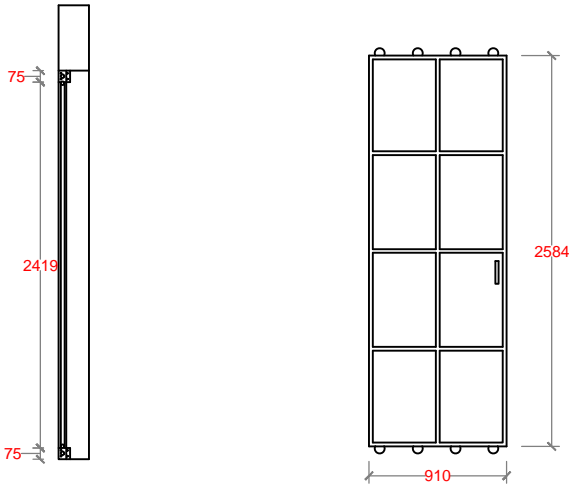
SECTION AA'



SIDE ELEVATION

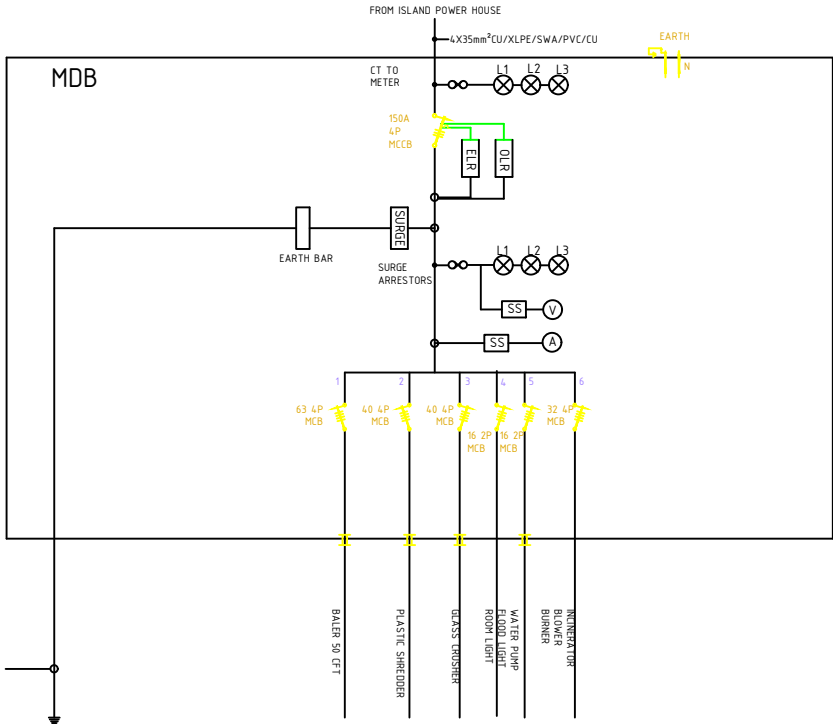


HAZARDOUS ROOM - METAL SLIDING DOOR

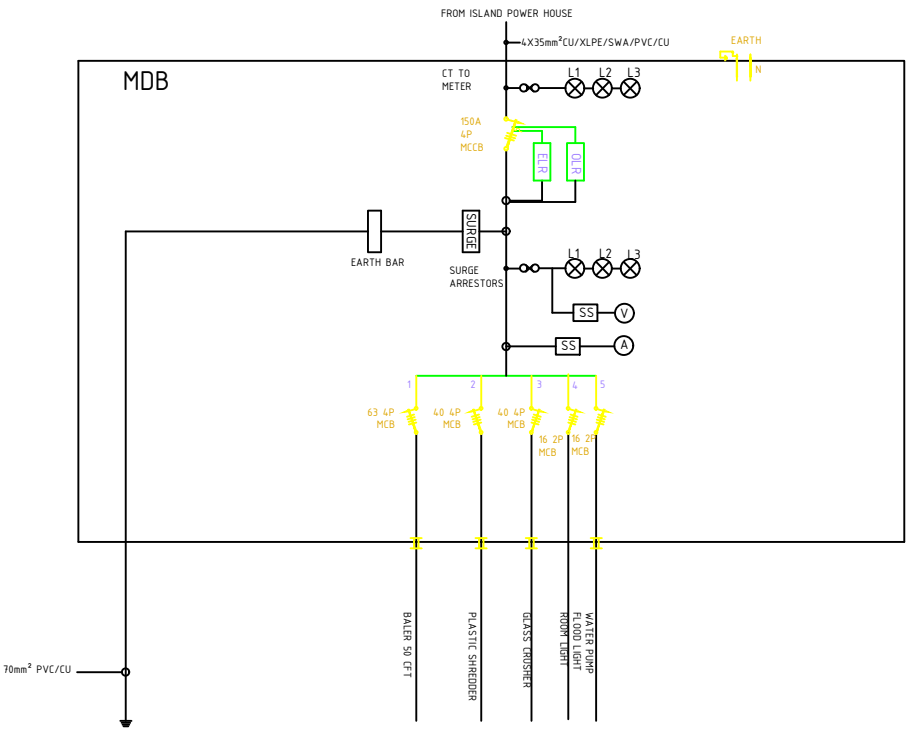


EQUIPMENT ROOM - METAL SLIDING DOOR

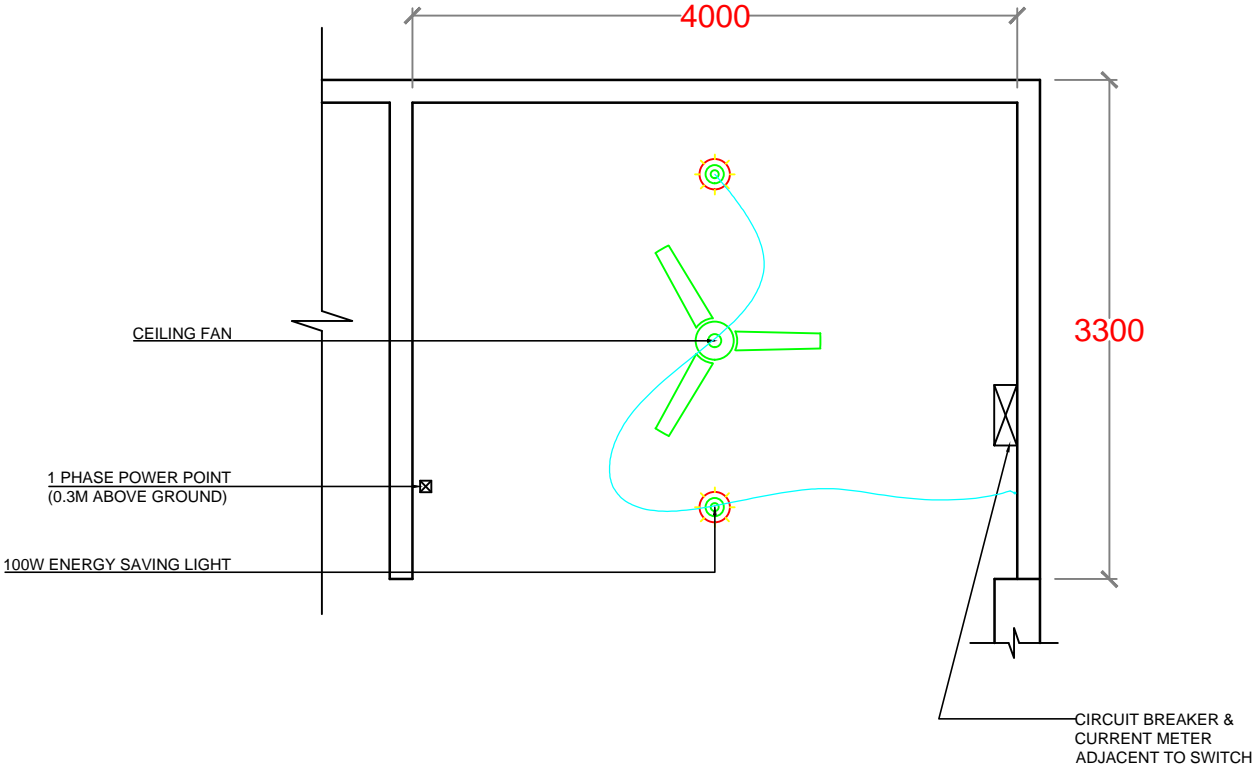
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| IMPLEMENTING PARTNER:  Ministry of Environment and Energy | | |
| PROGRAMME:  Low Emission Climate Resilient Development Low Emission Climate Resilient Development | | |
| PROJECT NAME: CONSTRUCTION & UPGRADE OF IWMC FOR 10 ISLANDS IN LAAMU ATOLL | | |
| ISLAND NAME: LAAMU. | | |
| LOCATION: ISLAND WASTE MANAGEMENT CENTER | | |
| DRAWING NAME: SLIDING DOOR DETAILS | | |
| DRAWING NO: 00088179/2017/IWMC/SD/008 | | |
| DATE : | APRIL 2017 | |
| SCALE : | 1:50 | |
| PROJECT NO : | 00088179 | |



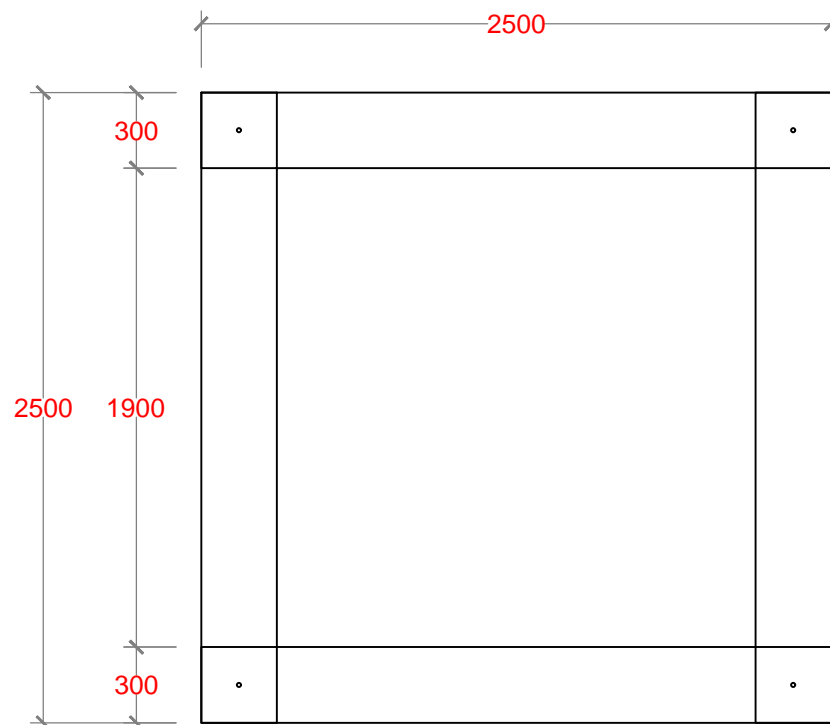
PANEL BOARD (FOR FONADHOO)



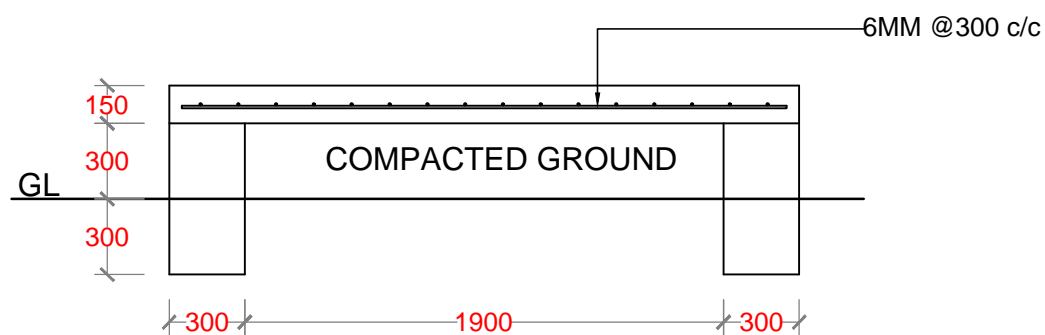
PANEL BOARD (FOR 9 ISLANDS)



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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 LCCRed 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 | |

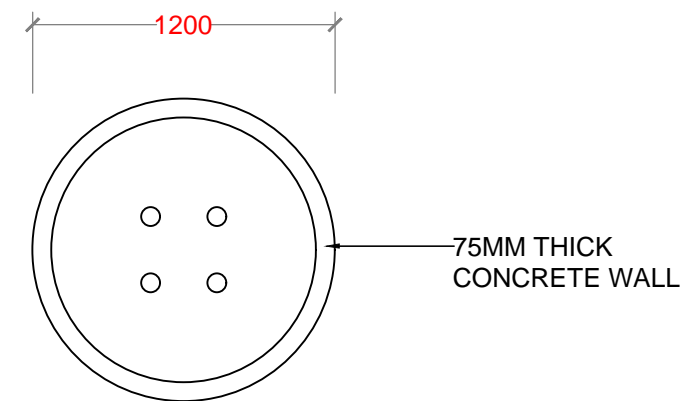


PLAN

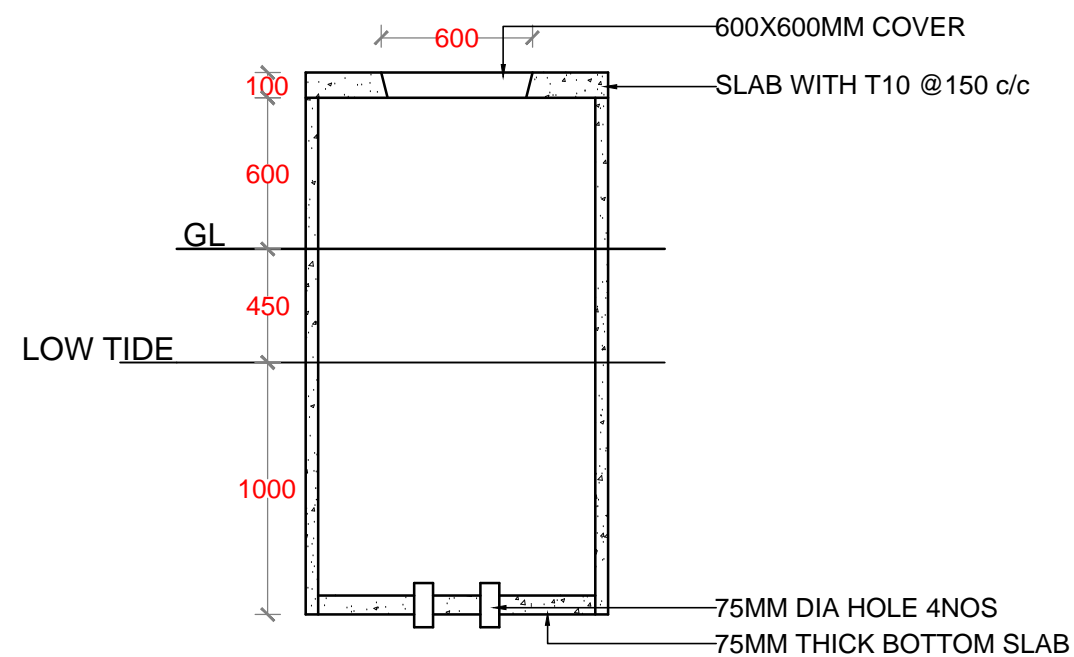


SECTION

RAINWATER TANK FOR
2500 Ltr






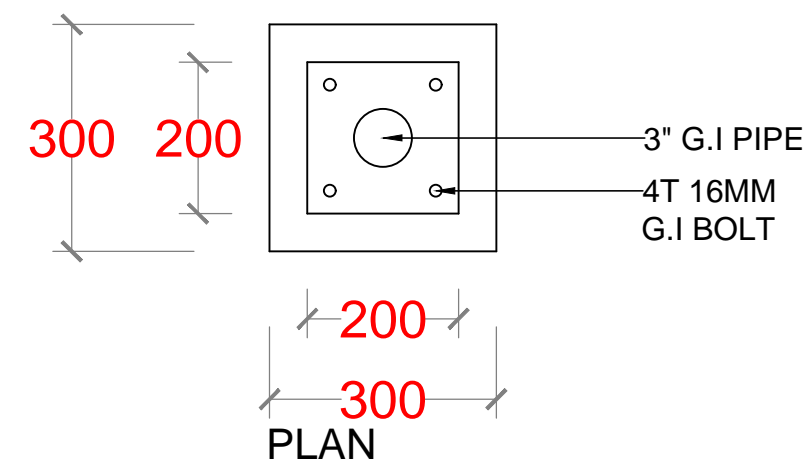
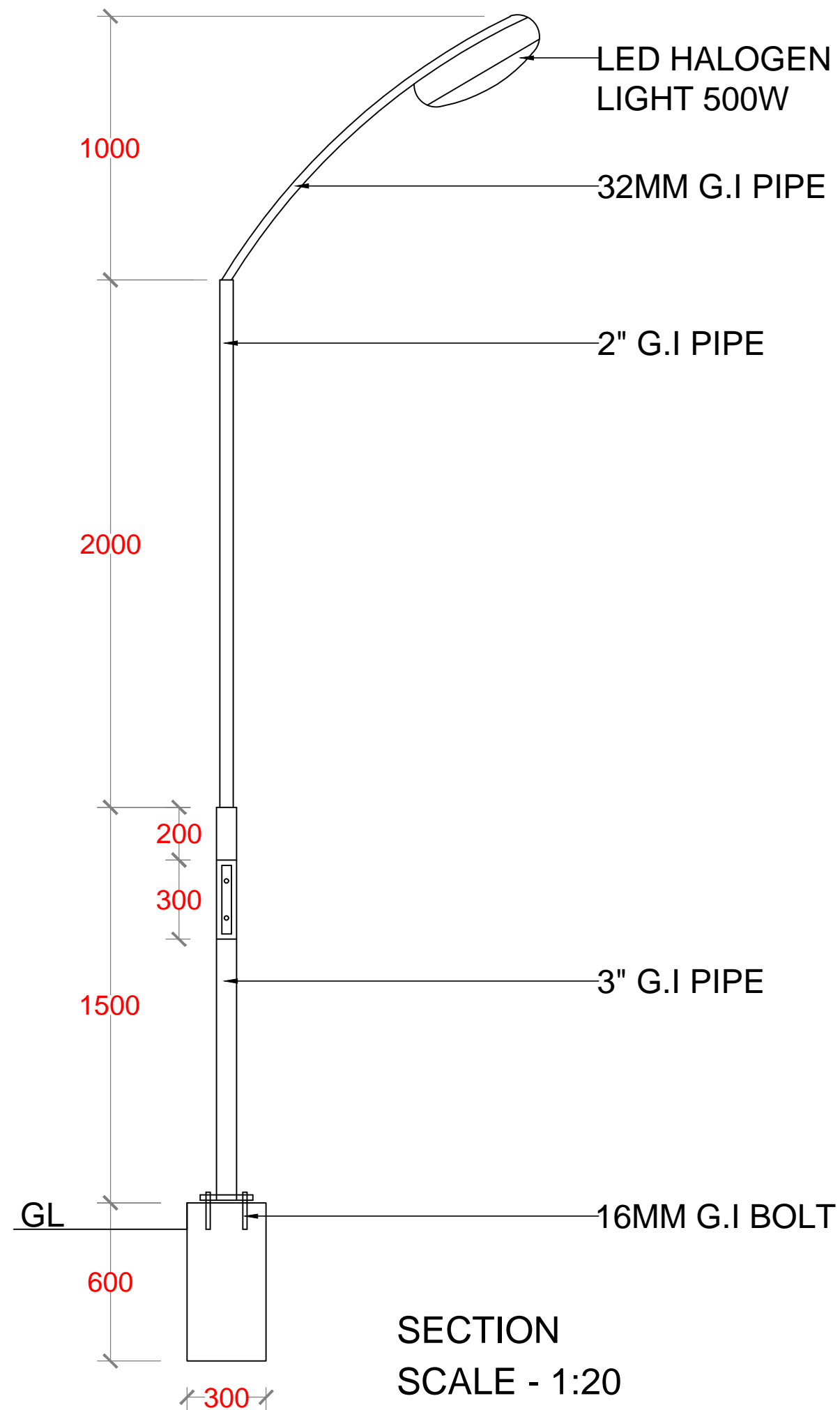
PLAN



SECTION

GROUND WATER WELL

| NO. | REVISION | DATE |
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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 LECRD | | |
| 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 | |



| NO. | REVISION | DATE |
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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 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 | |

