

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

RO PLANT BUILDING AND WATER SUPPLY FACILITY DRAWINGS - PACKAGE 1



WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE' 20-01
REPUBLIC OF MALDIVES

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

H.DH KUMUNDHOO RO PLANT BUILDING AND WATER SUPPLY FACILITY



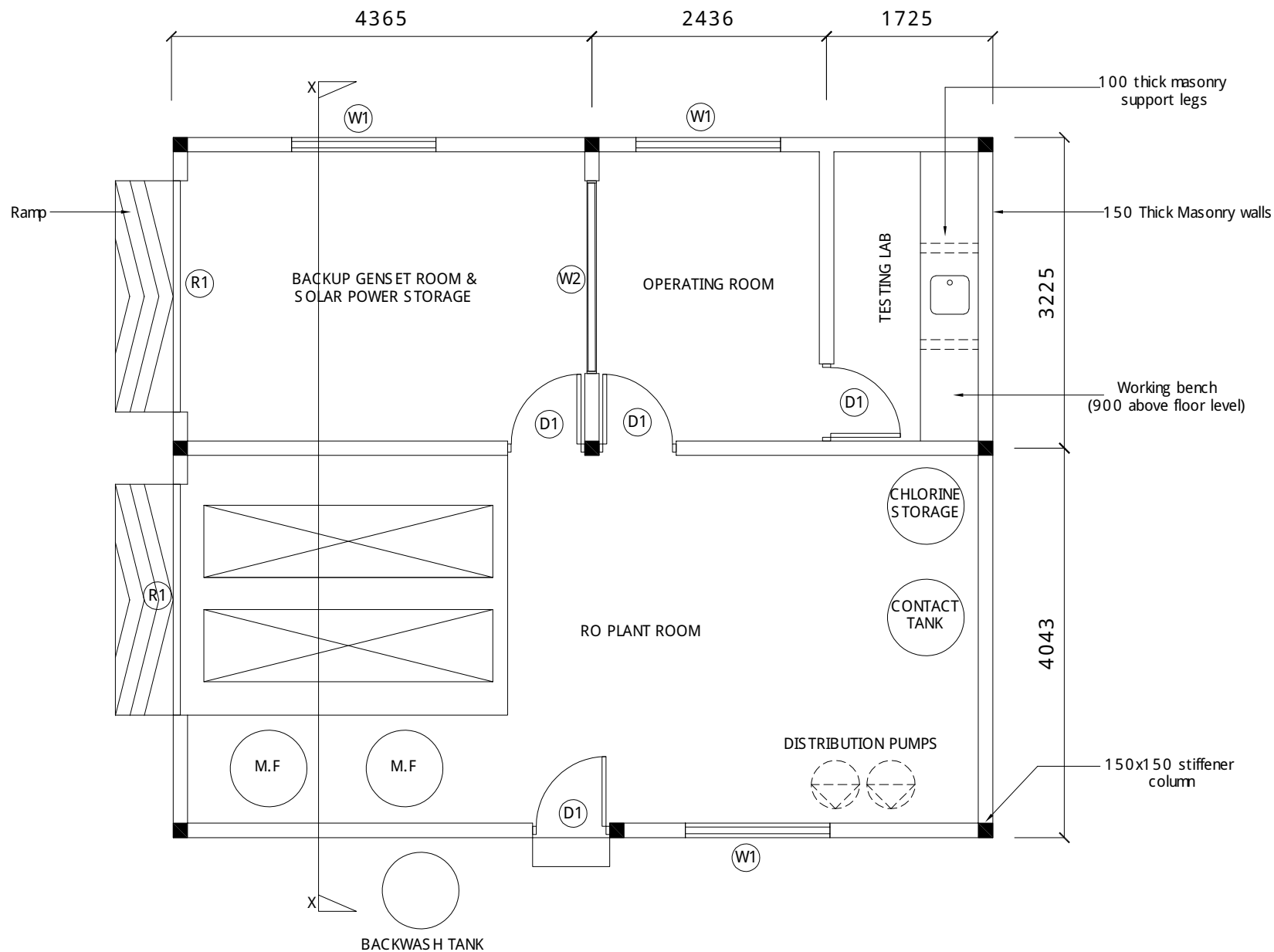
WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE' 20-01
REPUBLIC OF MALDIVES

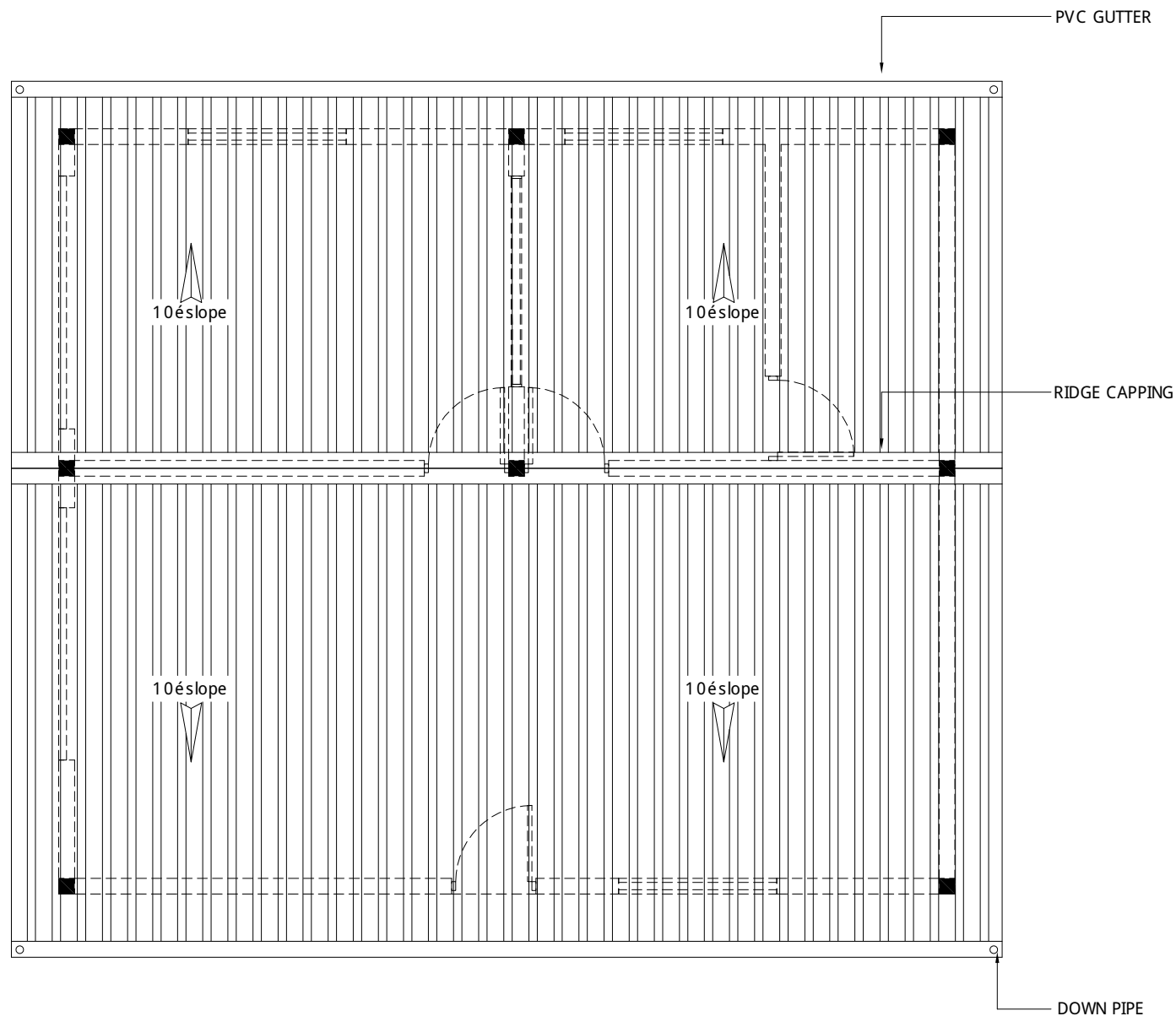


RO PLANT BUILDING AND CRITICAL DEVELOPMENTS
H.DH KUMUNDHOO

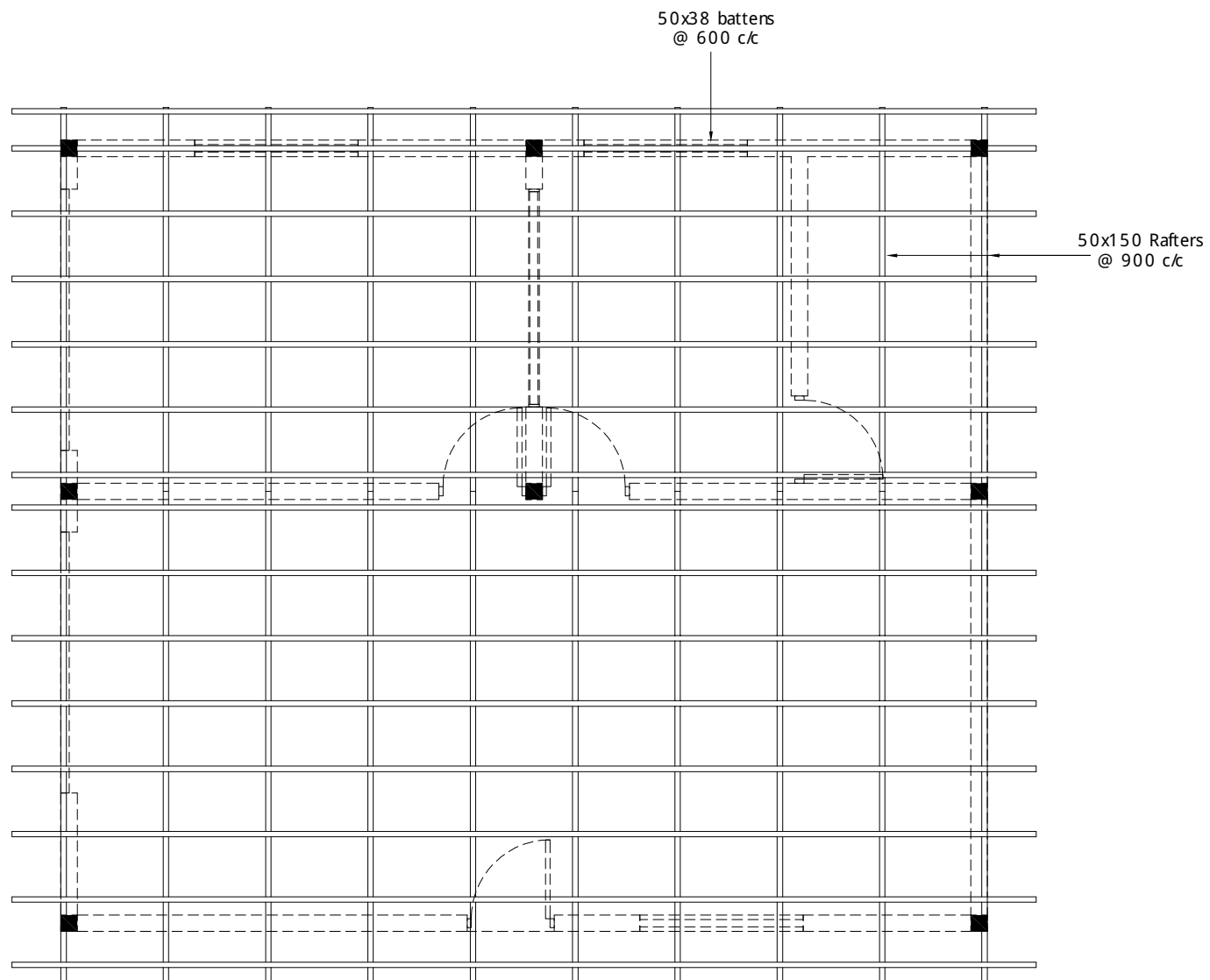
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RO PLANT BUILDING
FLOOR PLAN H.DH KUMUNDHOO

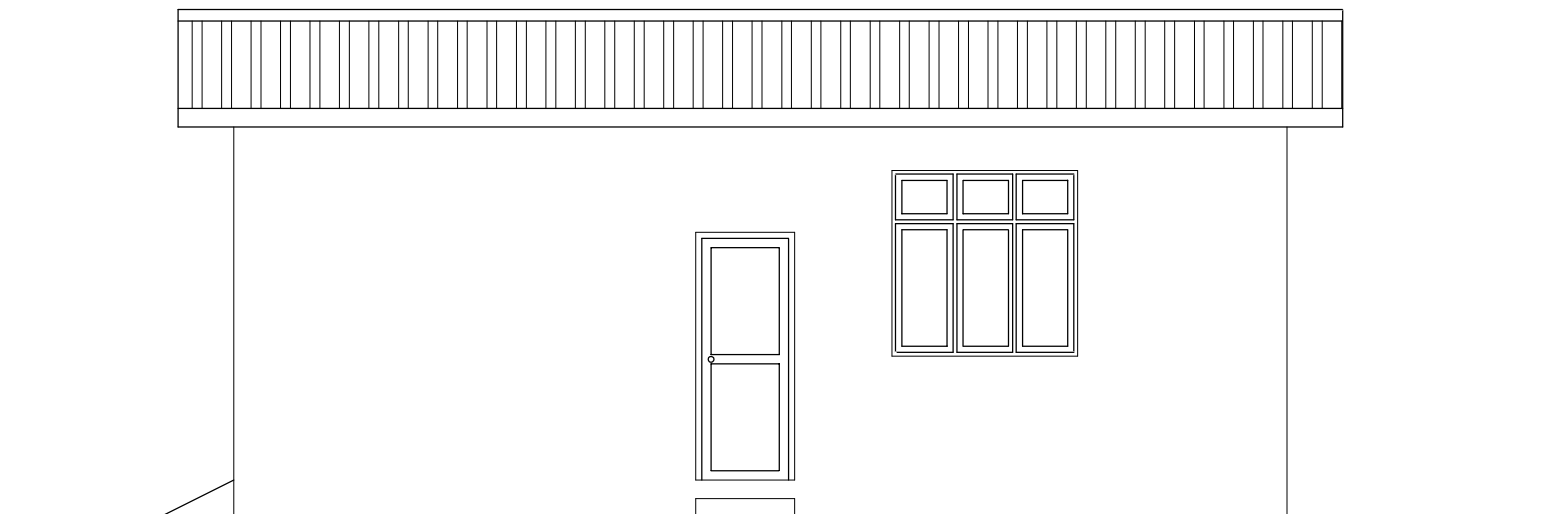


RO PLANT BUILDING
ROOF PLAN H.DH KUMUNDHOO

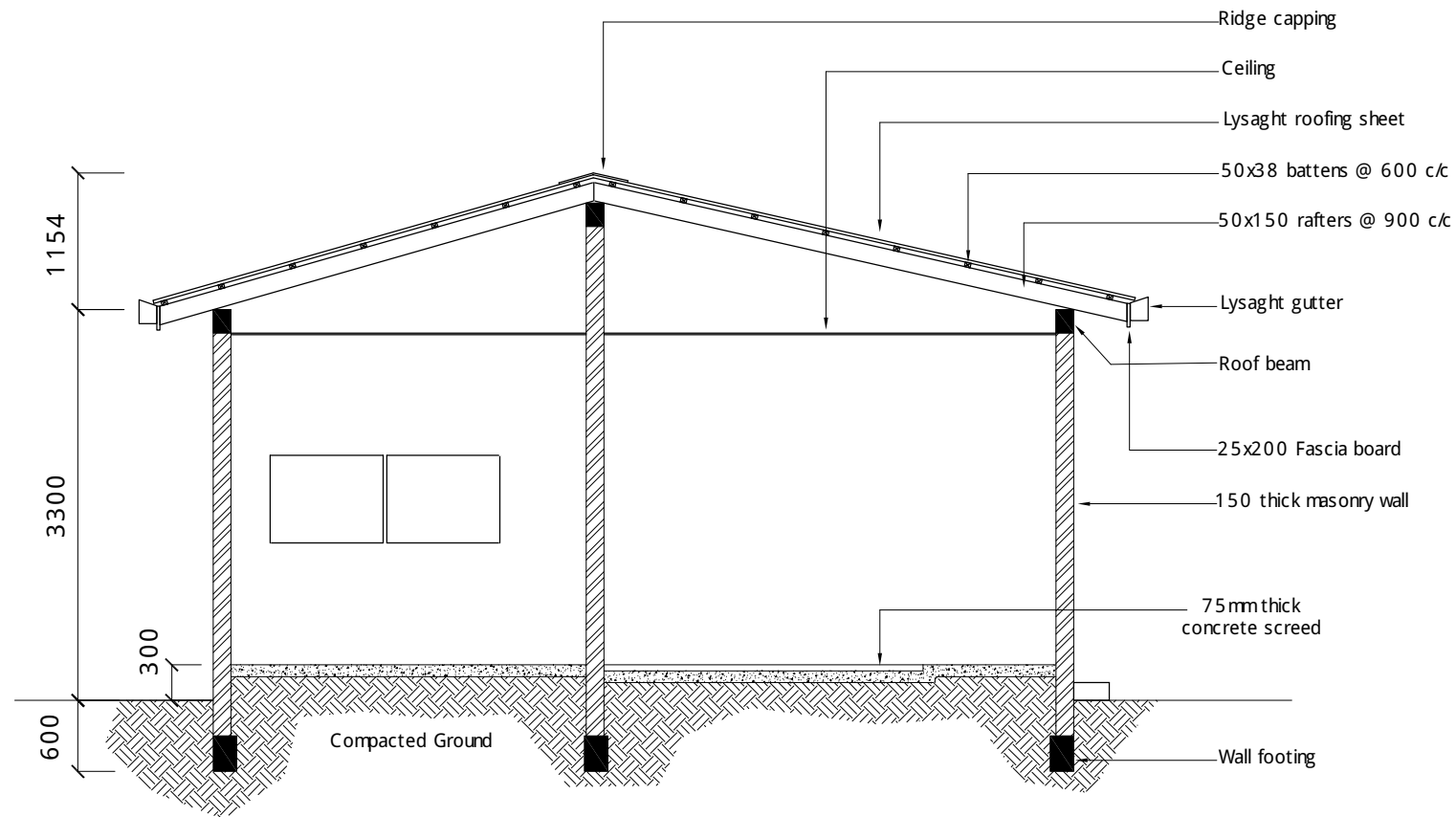


RO PLANT BUILDING
ROOF STRUCTURE

H.DH KUMUNDHOO

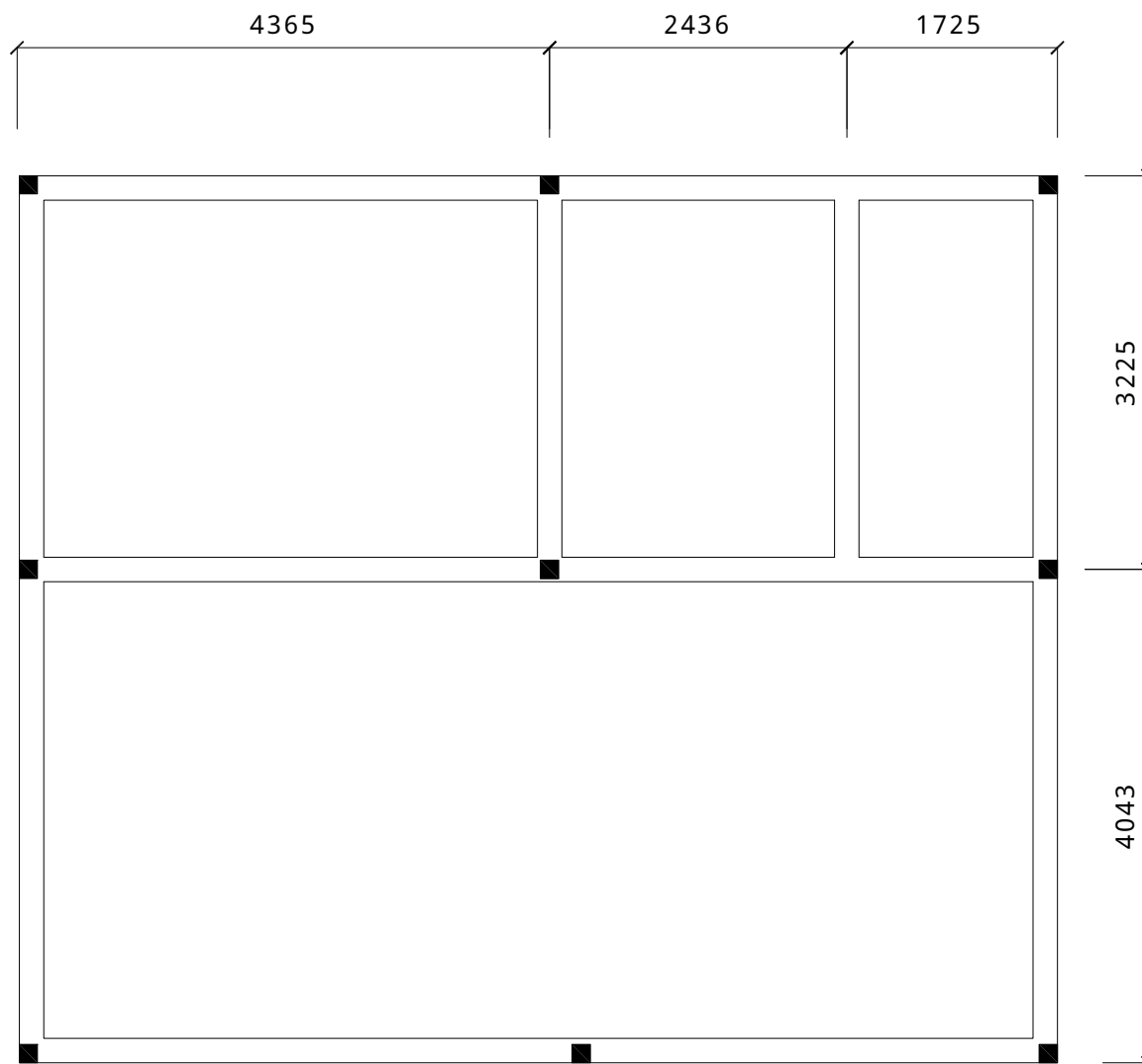


RO PLANT BUILDING
 FRONT ELEVATION H.DH KUMUNDHOO

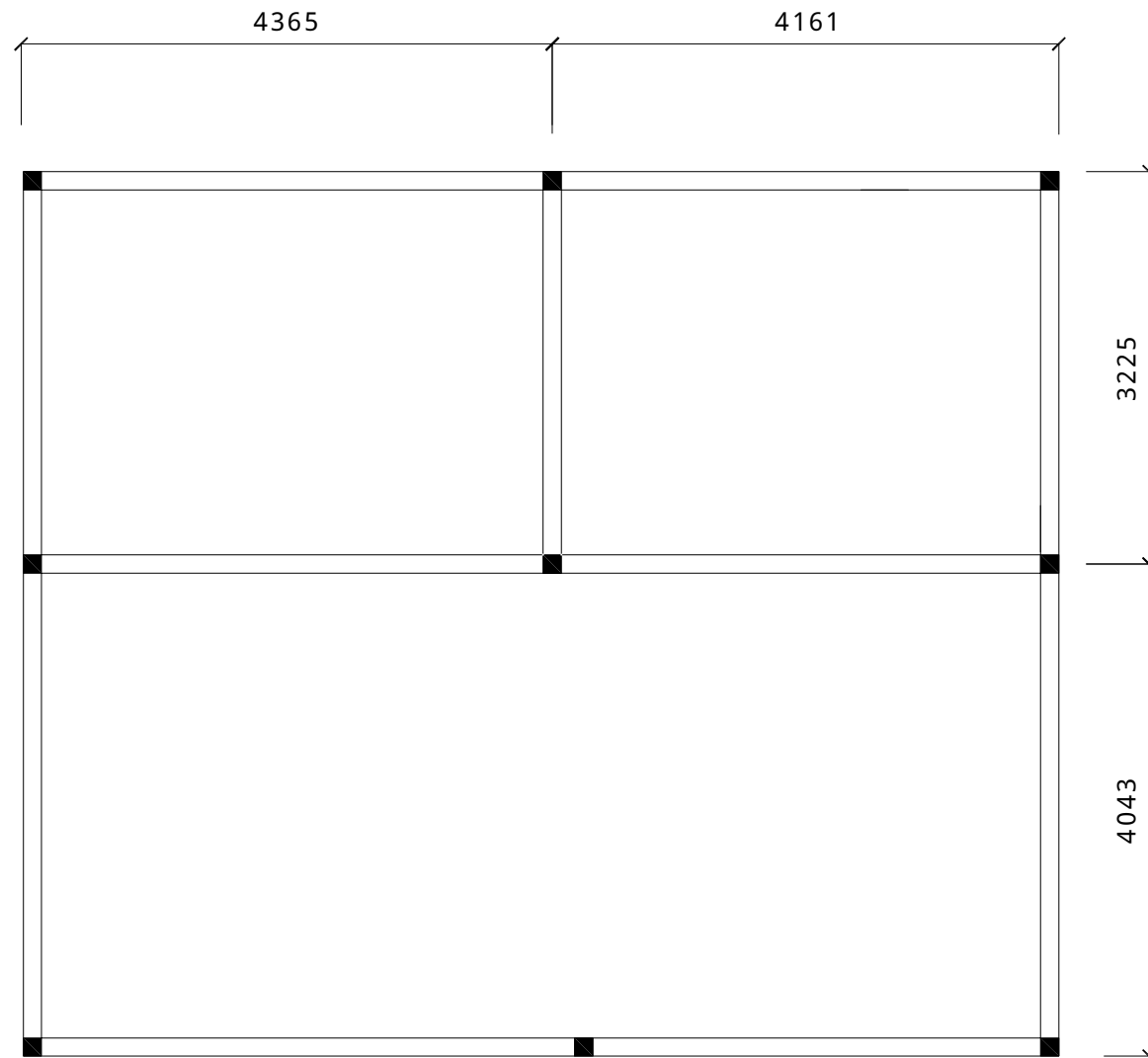


RO PLANT BUILDING
SECTION X-X

H.DH KUMUNDHOO



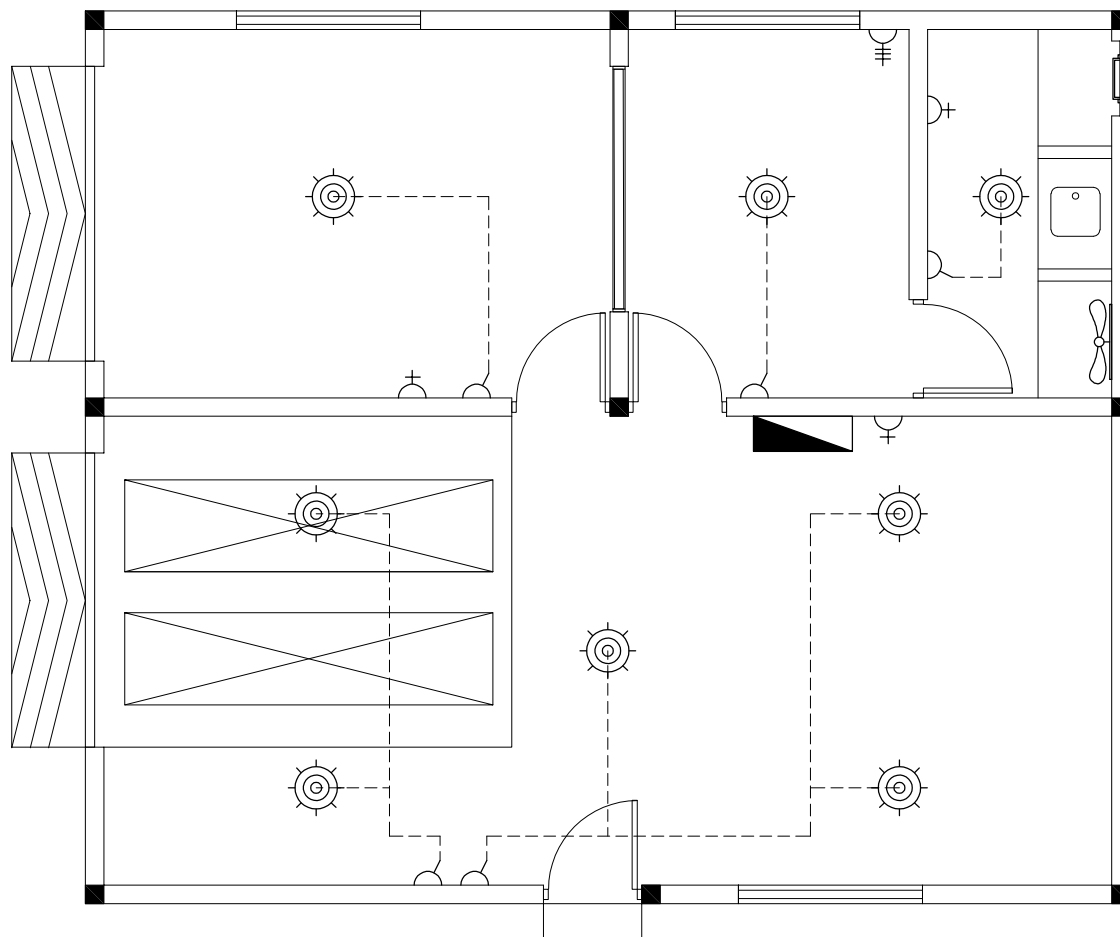
RO PLANT BUILDING
WALL FOOTING PLAN H.DH KUMUNDHOO



RO PLANT BUILDING

ROOF BEAM PLAN

H.DH KUMUNDHOO



DISTRIBUTION BOARD



100W ENERGY SAVING LIGHT



POWER SOCKET
[0.4m ABOVE GROUND]



POWER SOCKET
[0.4m BELOW CEILING]



SINGLE GANG SWITCH



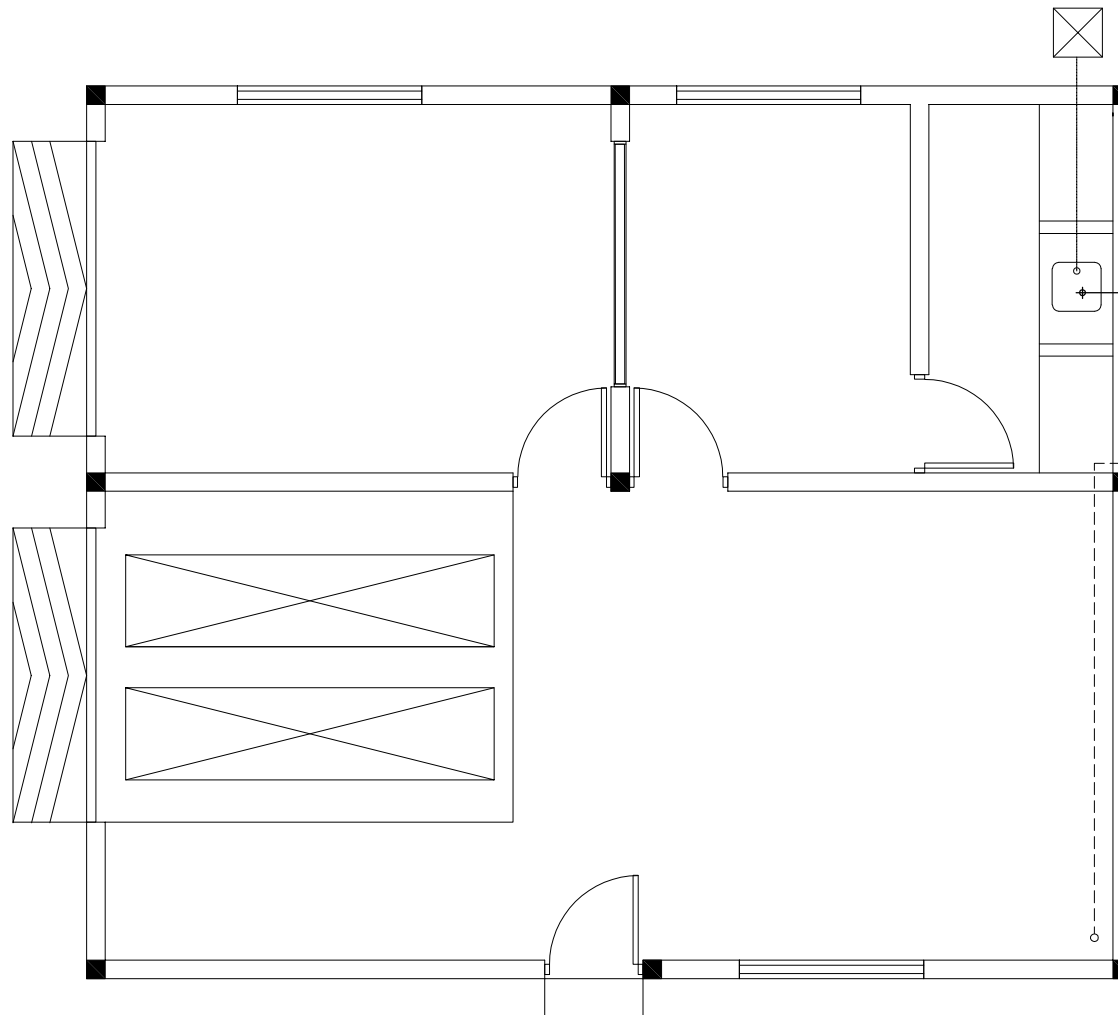
WALL MOUNT EXHAUST FAN



WALL MOUNT FAN



RO PLANT BUILDING ELECTRICAL LAYOUT H.DH KUMUNDHOO



- ⊕— PVC Sink Tap
- ⊗ Soak pit
- 25mm PVC Pipe
- 50mm PVC Train Pipe

RO PLANT BUILDING
PLUMBING LAYOUT H.DH KUMUNDHOO

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

H.DH MAKUNUDHOO RO PLANT BUILDING AND WATER SUPPLY FACILITY



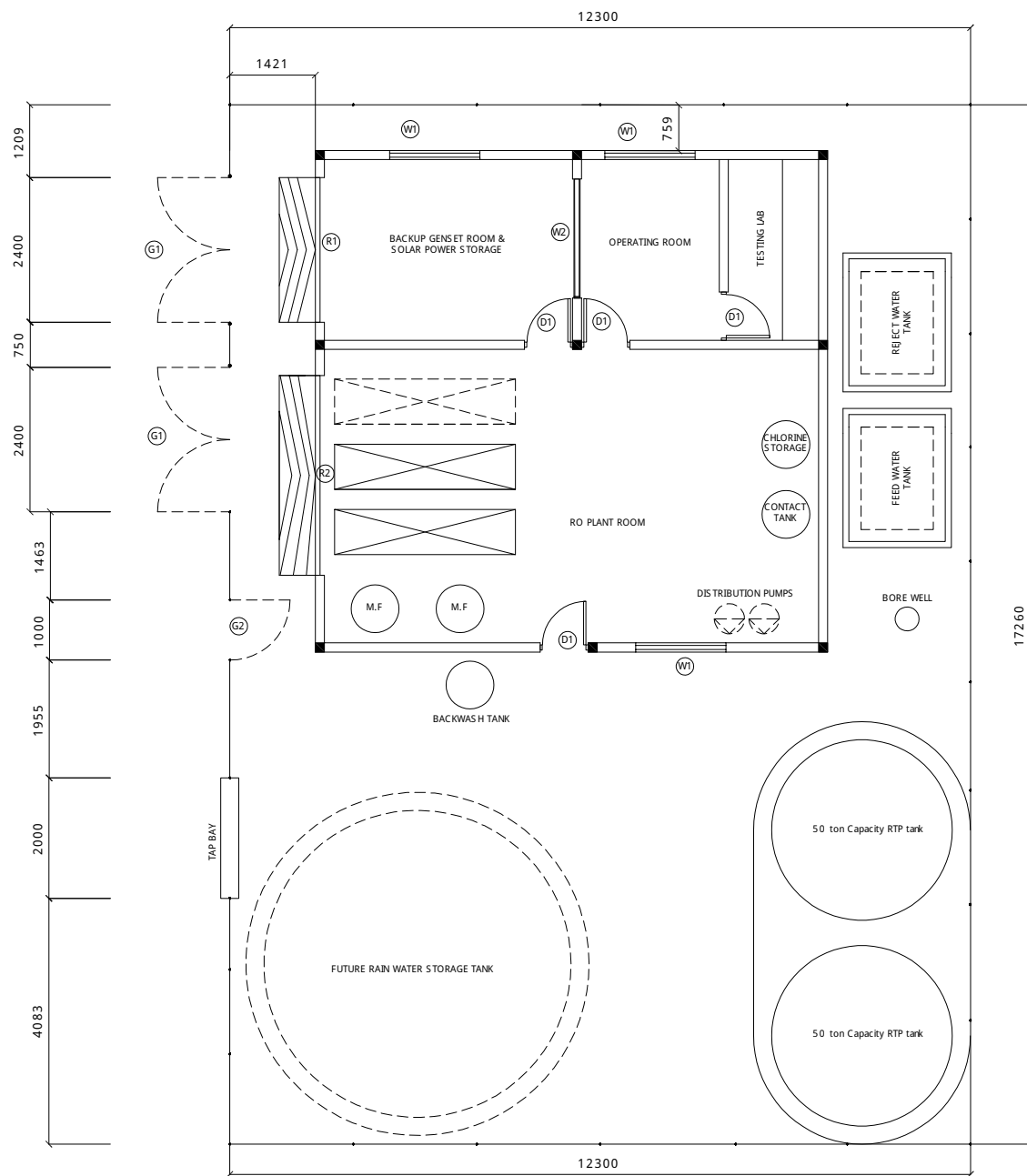
WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE' 20-01
REPUBLIC OF MALDIVES



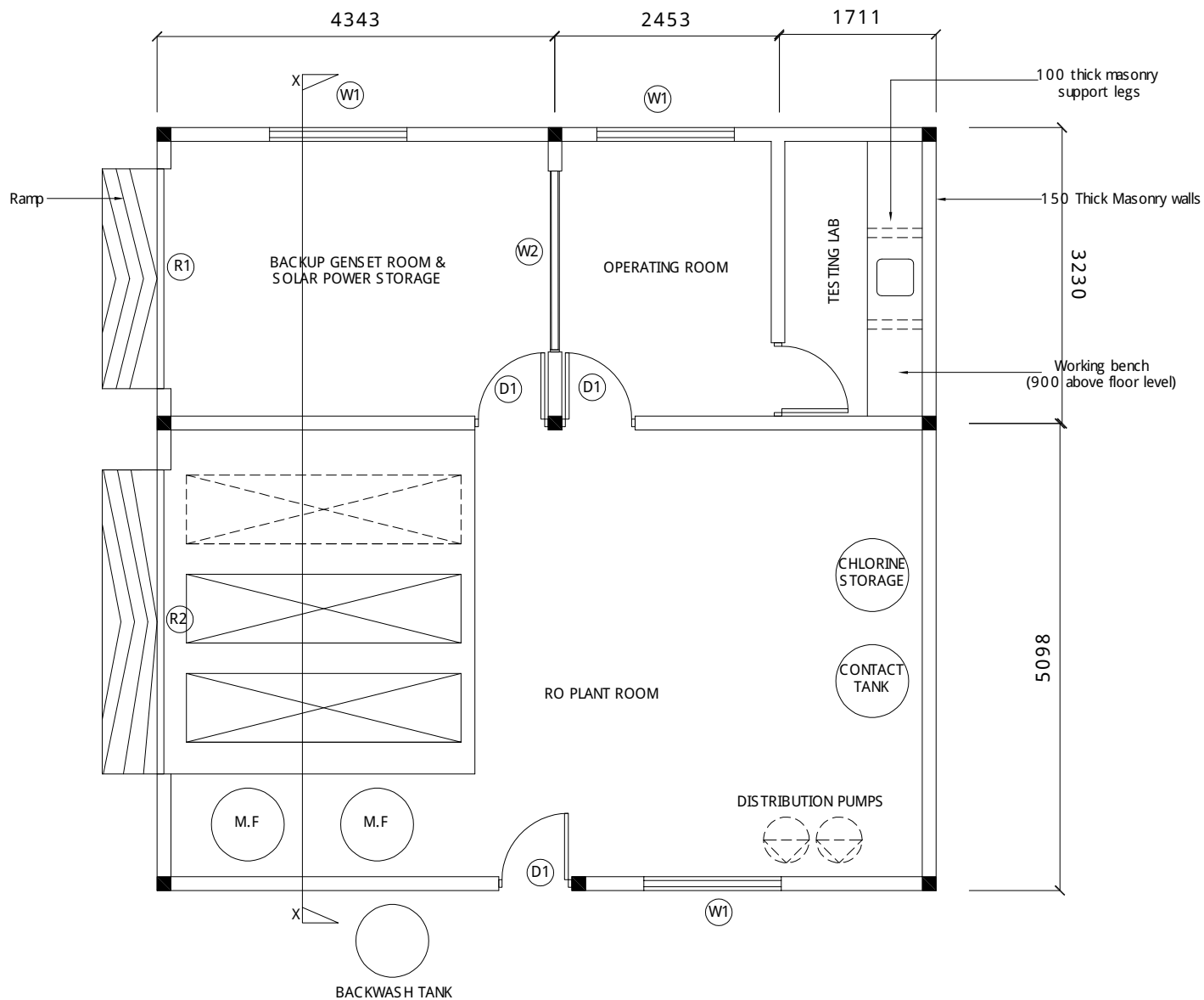
RO PLANT BUILDING AND CRITICAL
DEVELOPMENTS

H.DH MAKUNUDHOO

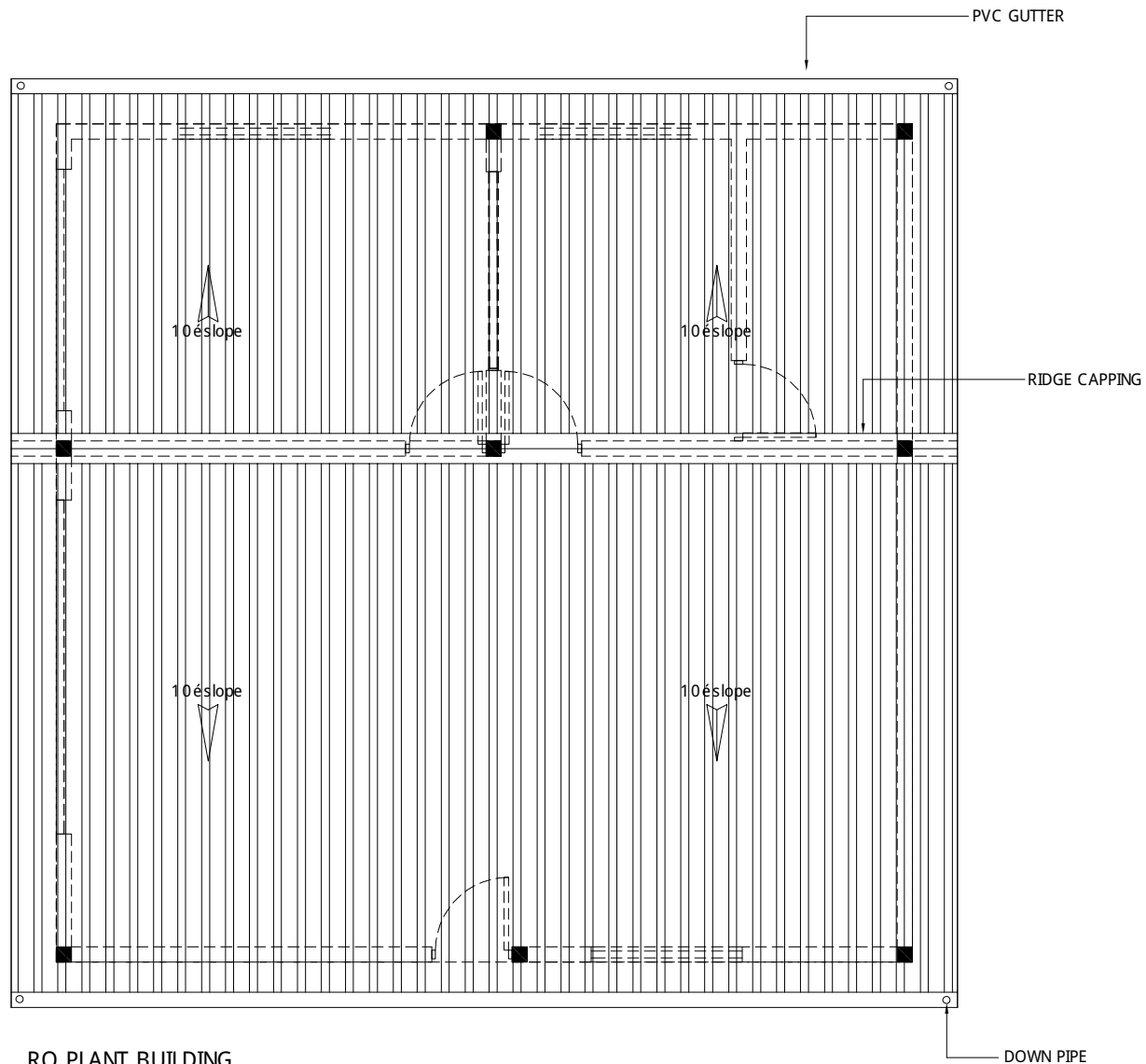


WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING SITE PLAN
SITE PLAN

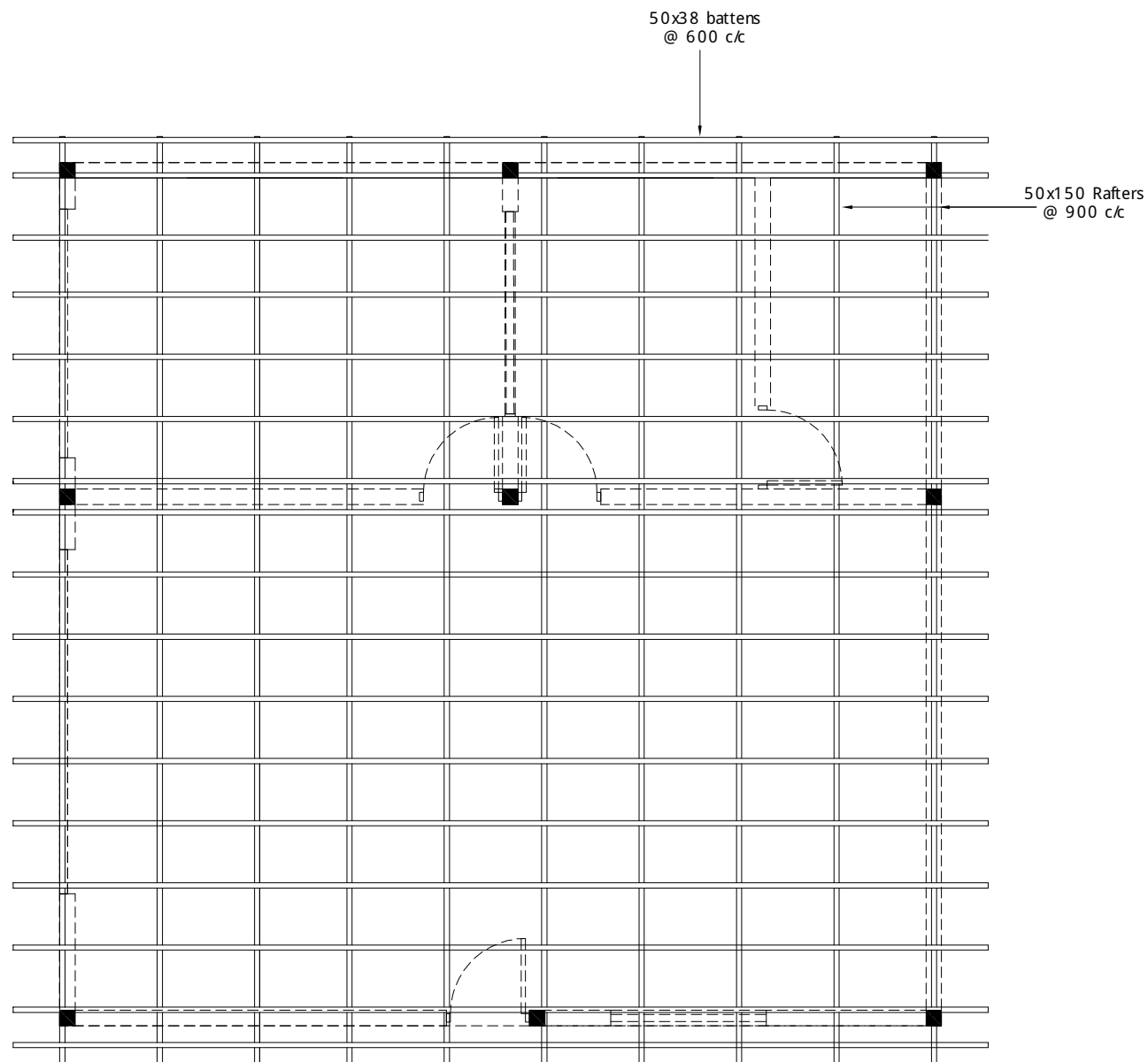
HAA DHAALU MAKUNUDHOO



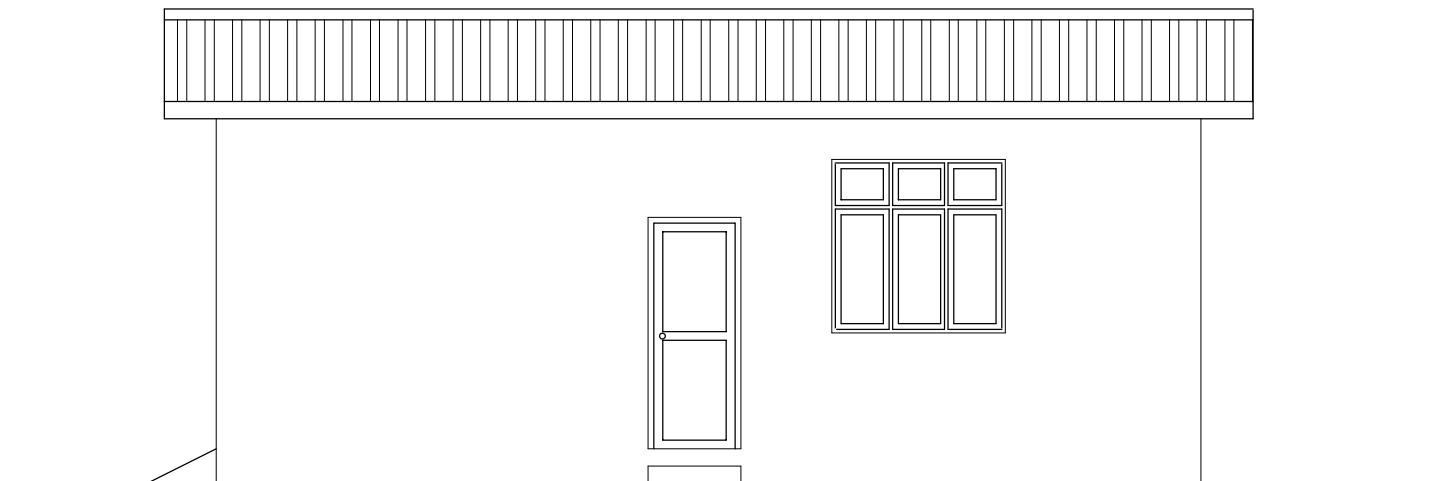
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FLOOR PLAN HAA DHAALU MAKUNUDHOO



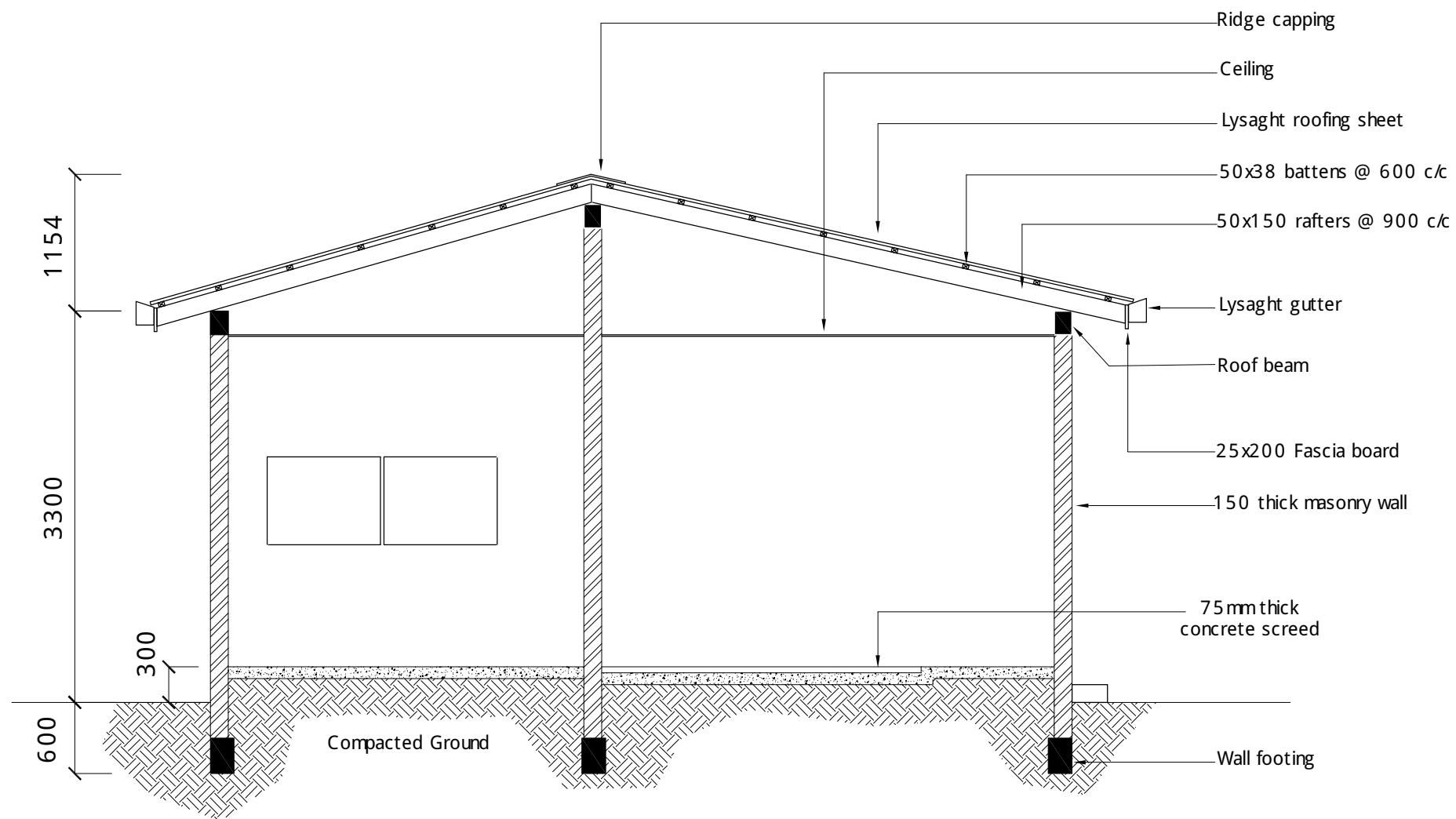
RO PLANT BUILDING
 ROOF PLAN HAA DHAALU MAKUNUDHOO



RO PLANT BUILDING
ROOF STRUCTURE HAA DHAALU MAKUNUDHOO

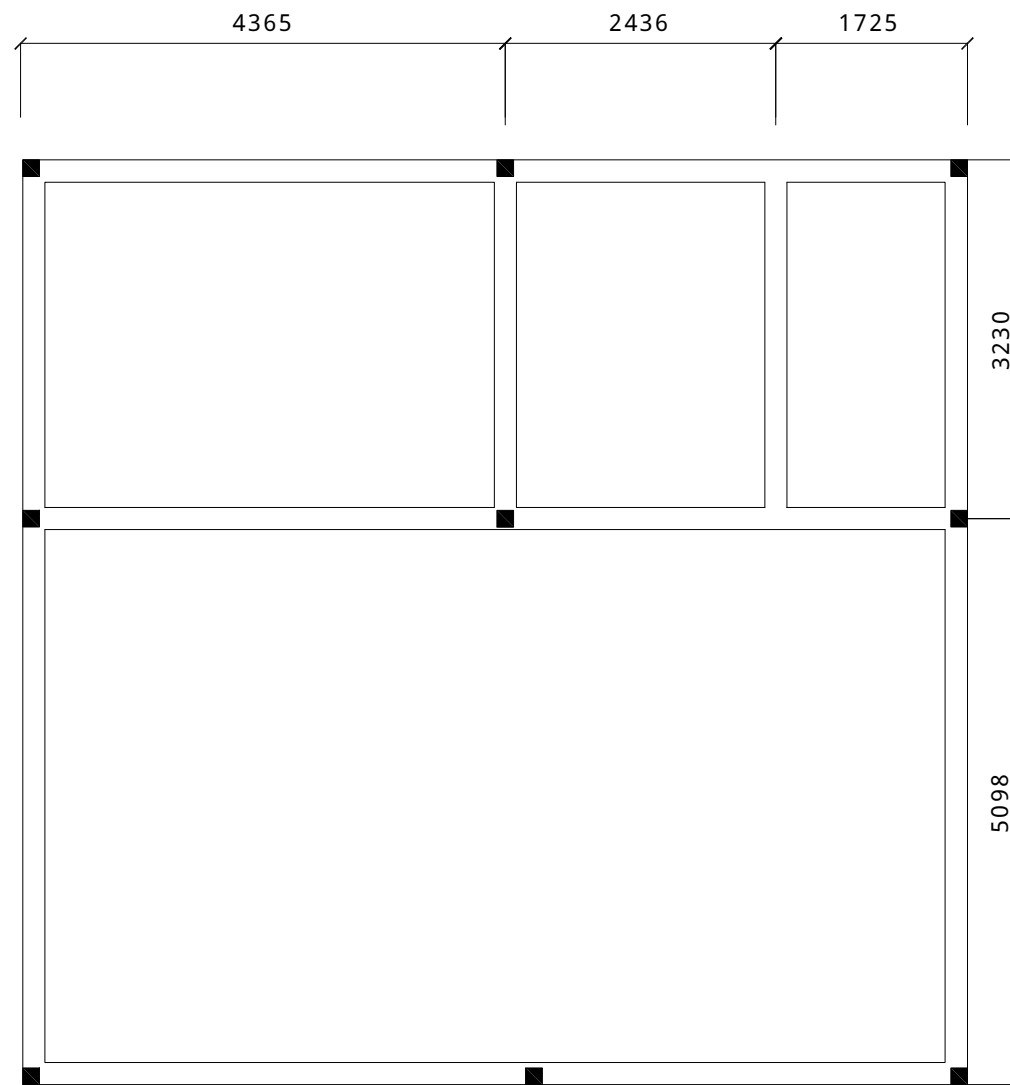


RO PLANT BUILDING
FRONT ELEVATION HAA DHAALU MAKUNUDHOO

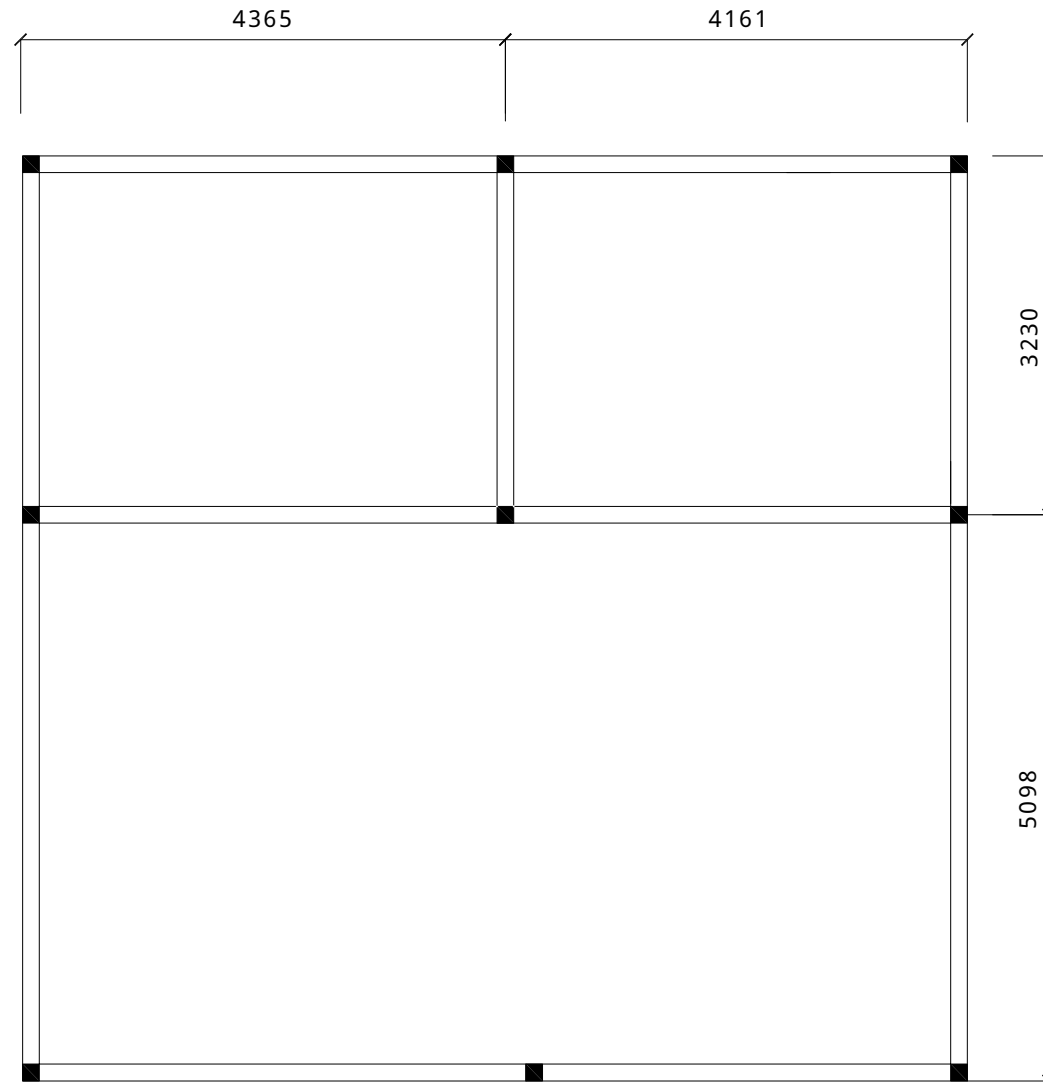


RO PLANT BUILDING
SECTION X-X

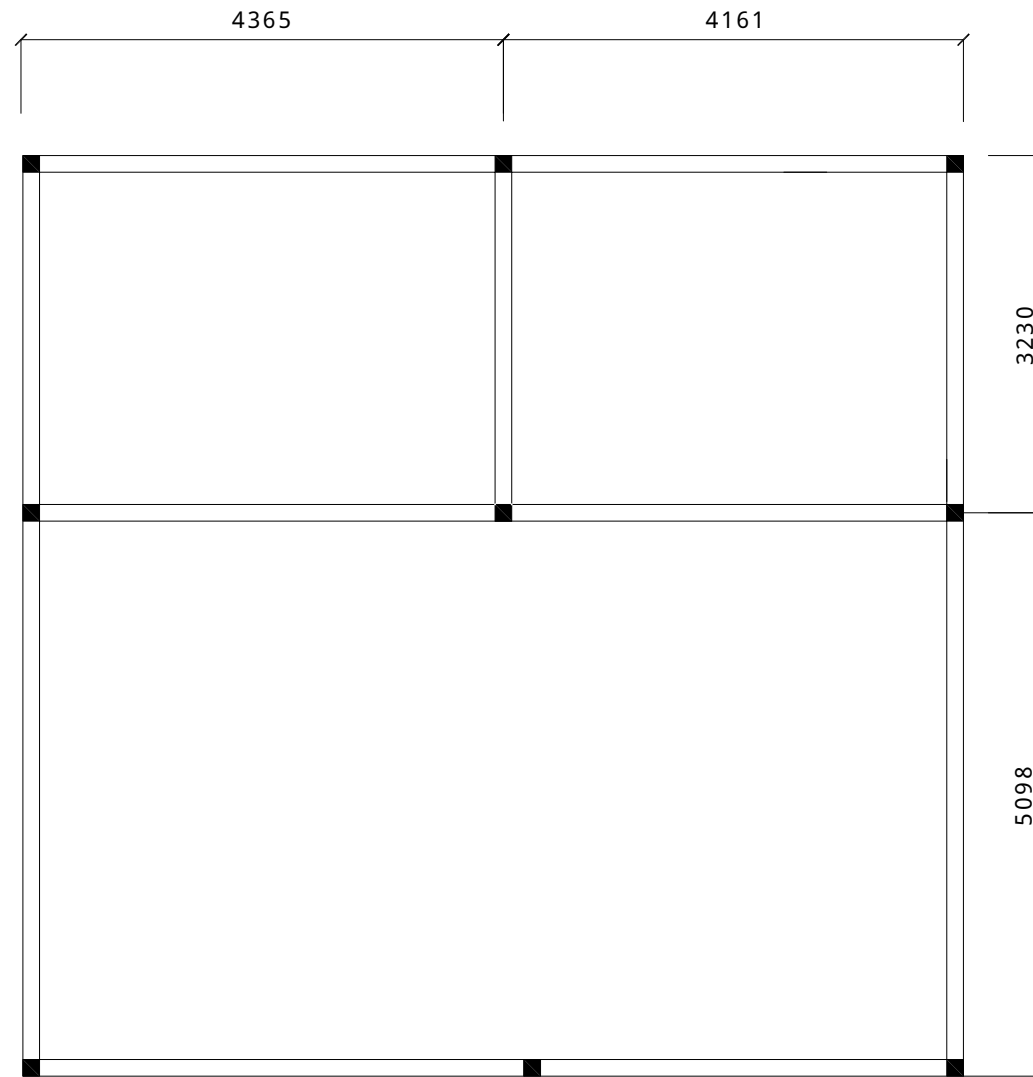
HAA DHAALU MAKUNUDHOO



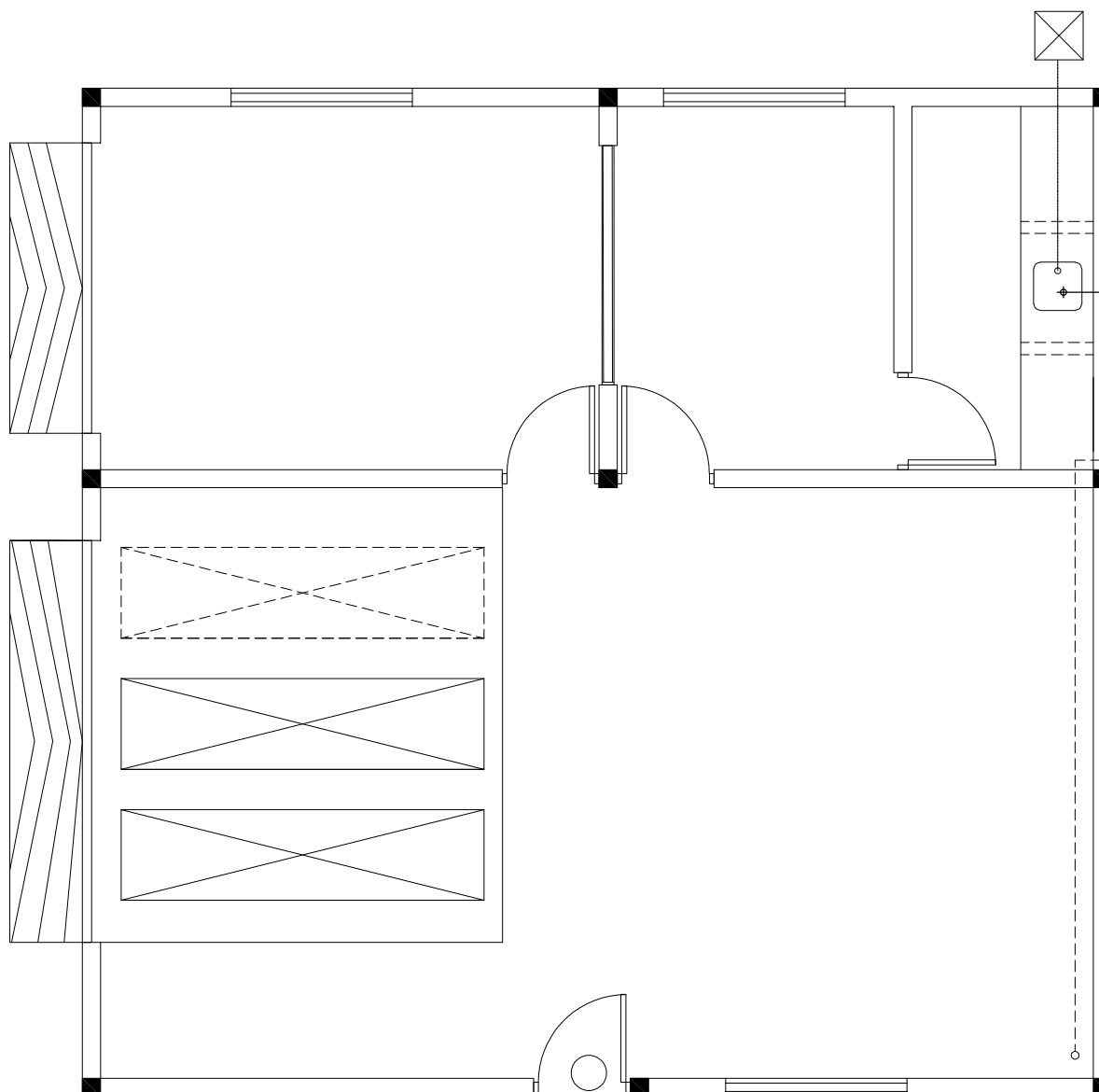
RO PLANT BUILDING
WALL FOOTING PLAN HAA DHAALU MAKUNUDHOO



RO PLANT BUILDING
ROOF BEAM PLAN HAA DHAALU MAKUNUDHOO

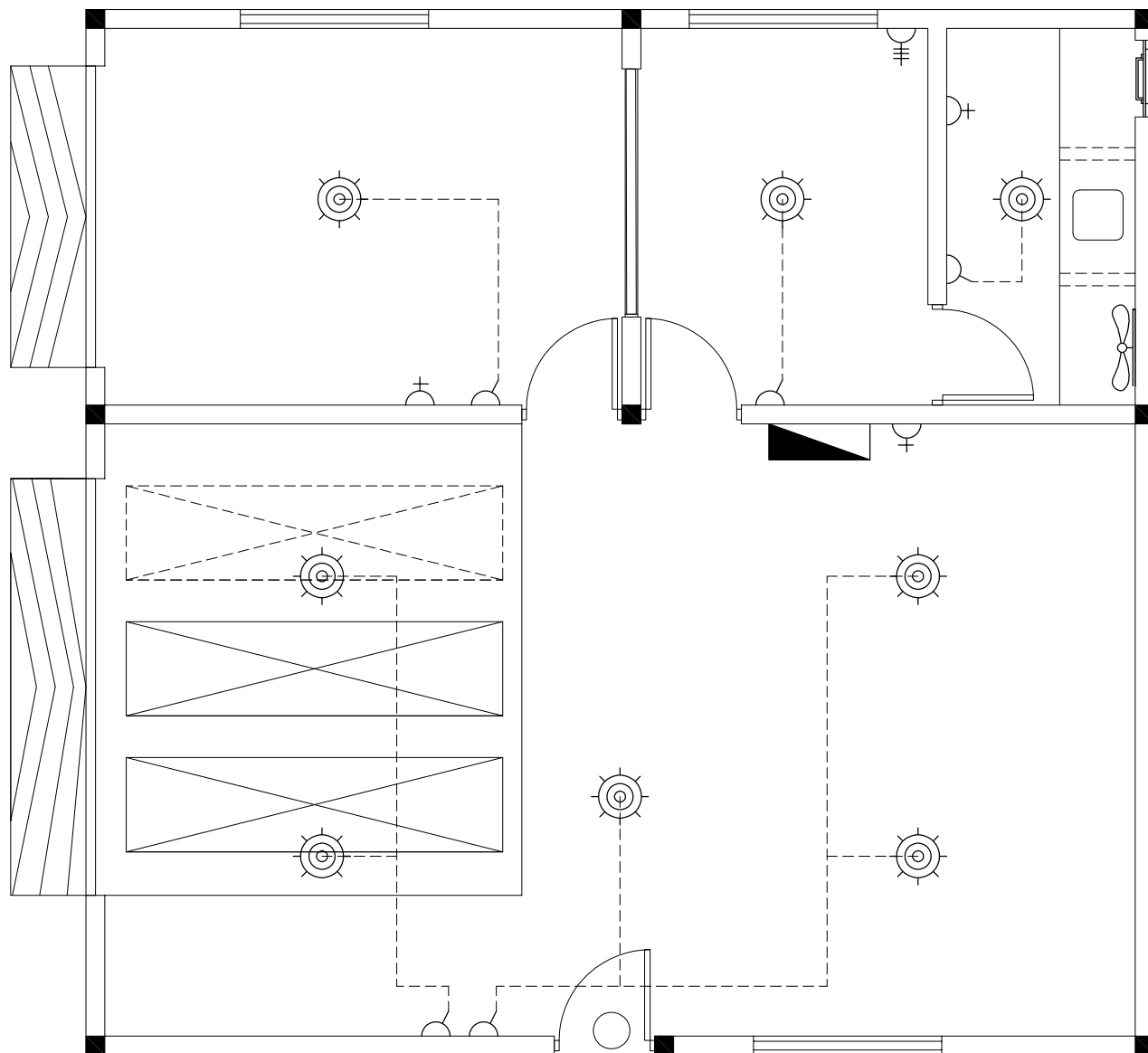


RO PLANT BUILDING
ROOF BEAM PLAN HAA DHAALU MAKUNUDHOO



- ⊕— PVC Sink Tap
- ⊗ Soak pit
- 25mm PVC Pipe
- 50mm PVC Train Pipe

RO PLANT BUILDING
PLUMBING LAYOUT H.DH MAKUNUDHOO



DISTRIBUTION BOARD



100W ENERGY SAVING LIGHT



POWER SOCKET
[0.4m ABOVE GROUND]



POWER SOCKET
[0.4m BELOW CEILING]



SINGLE GANG SWITCH



WALL MOUNT EXHAUST FAN



WALL MOUNT FAN



RO PLANT BUILDING ELECTRICAL LAYOUT

H.DH MAKUNUDHOO

PROVISION OF WATER SUPPLY SANITATION AND SOLID
WASTE MANAGEMENT PROJECT

OPEC FUND FOR INTERNATIONAL DEVELOPMENT

PROJECT:
14 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN

DATE: APR 2017



PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

H.DH NELLAIDHOO RO PLANT BUILDING AND WATER SUPPLY FACILITY



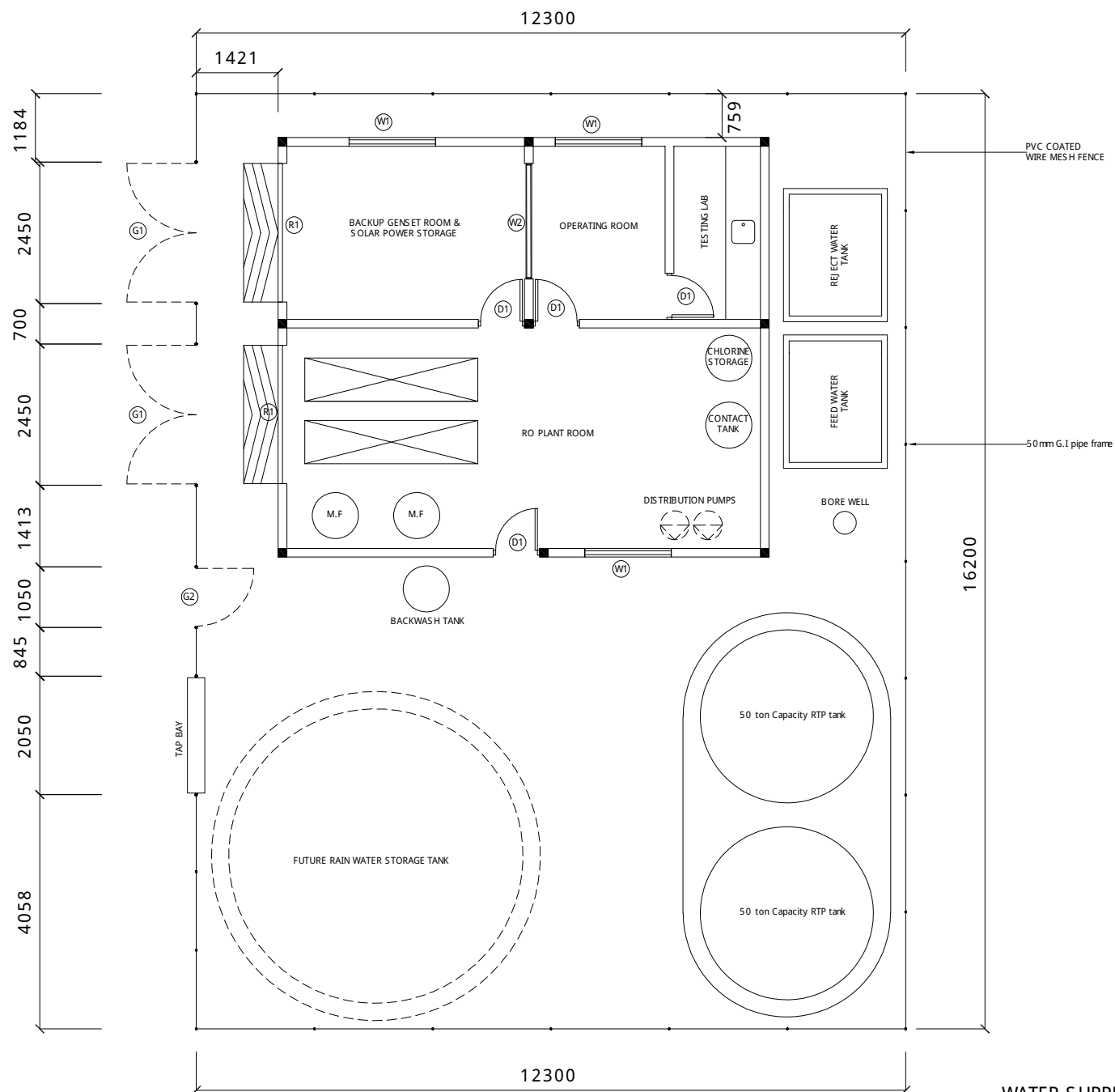
WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE 20-01
REPUBLIC OF MALDIVES

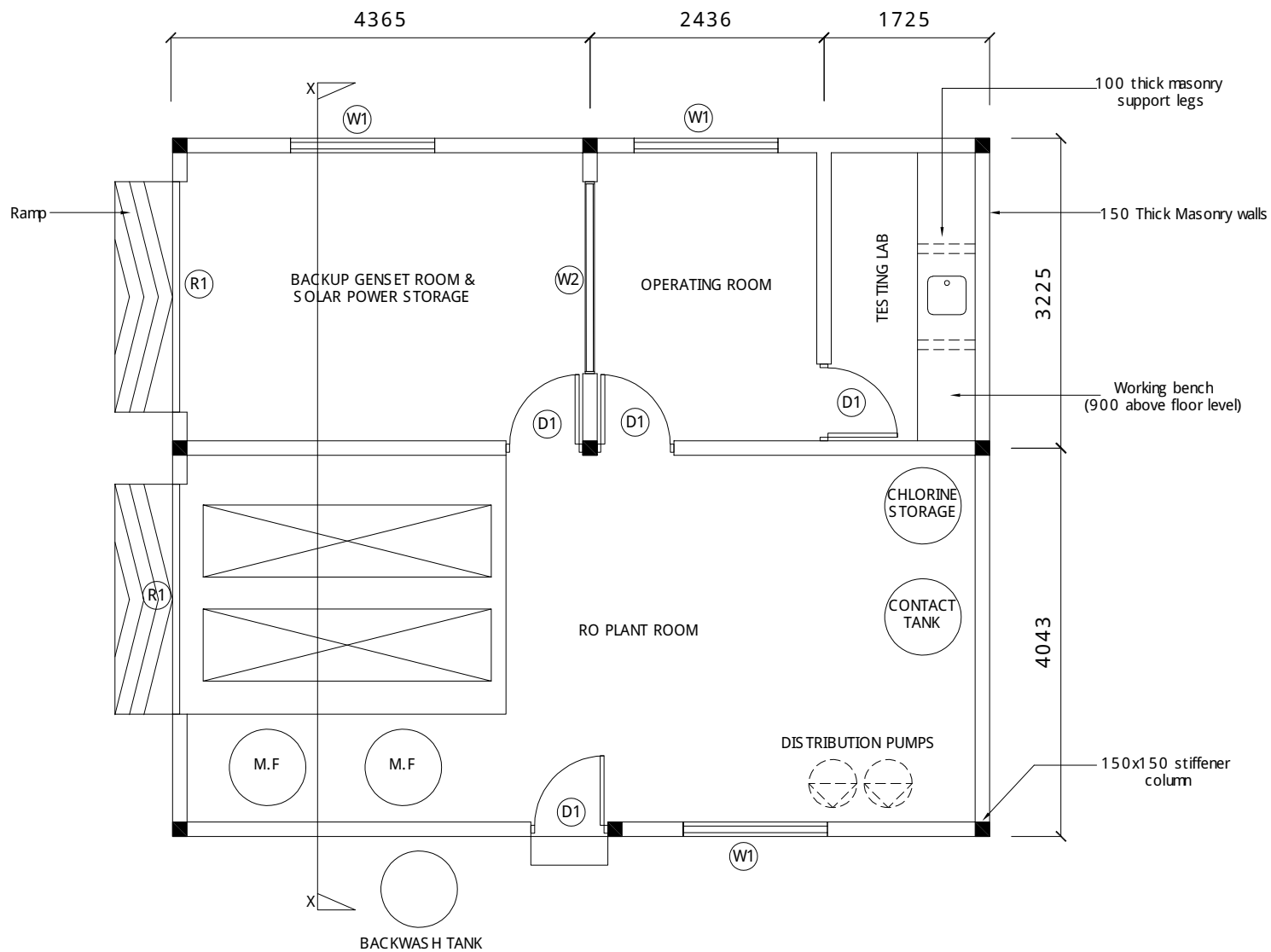


RO PLANT BUILDING AND CRITICAL
DEVELOPMENTS
H.DH NELAI DHOO

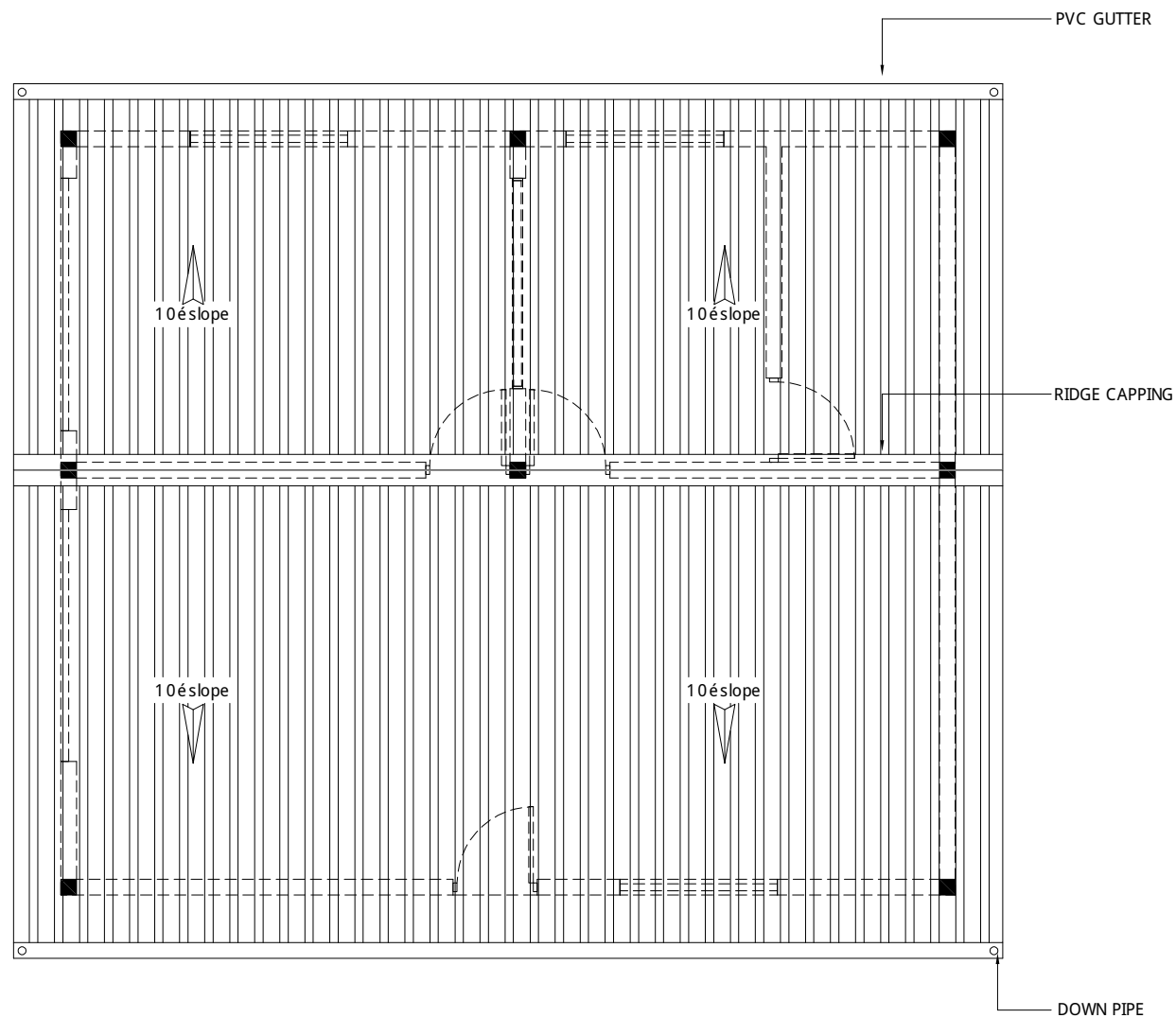
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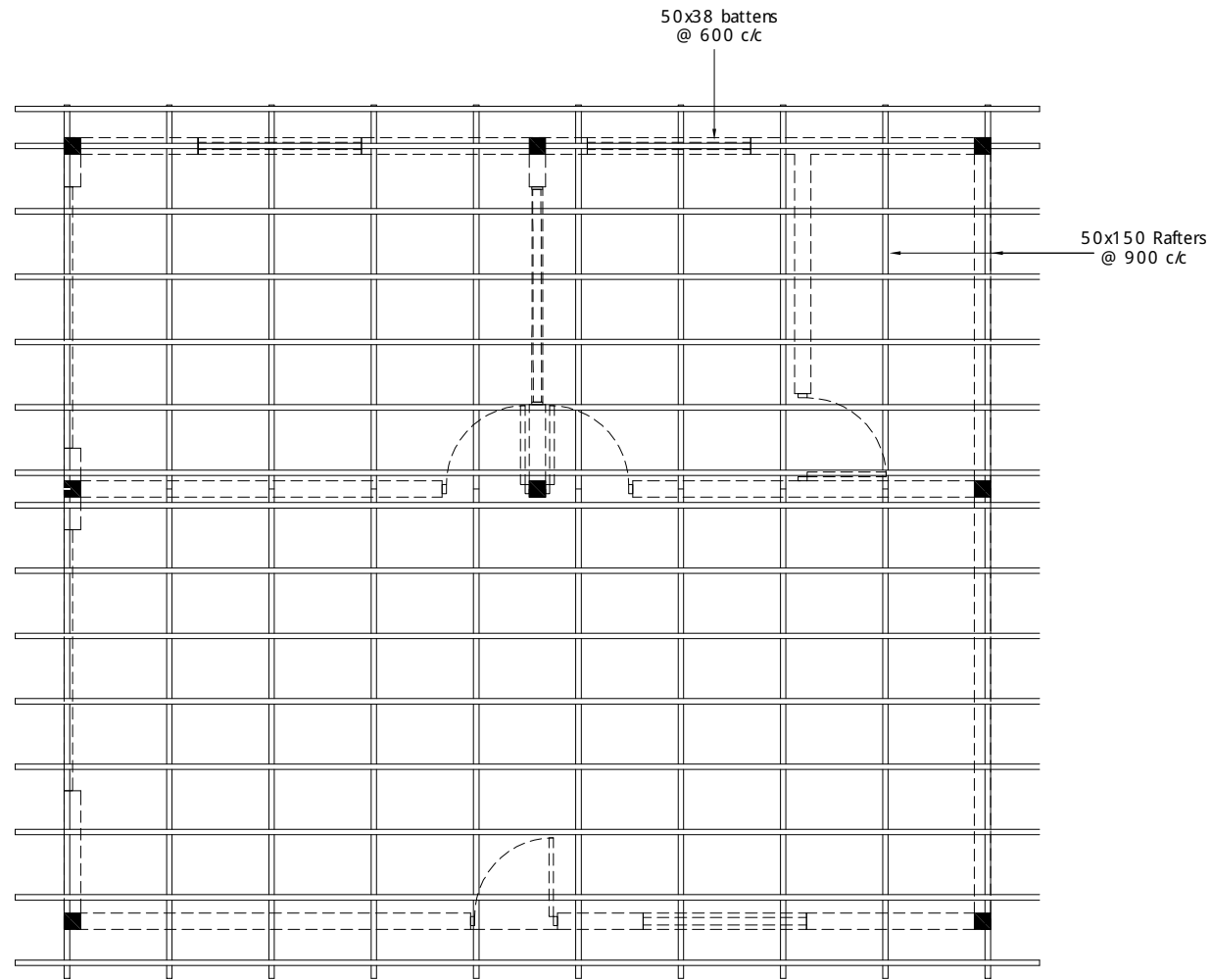
WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING
SITE PLAN
H.DH NELLAI DHOO



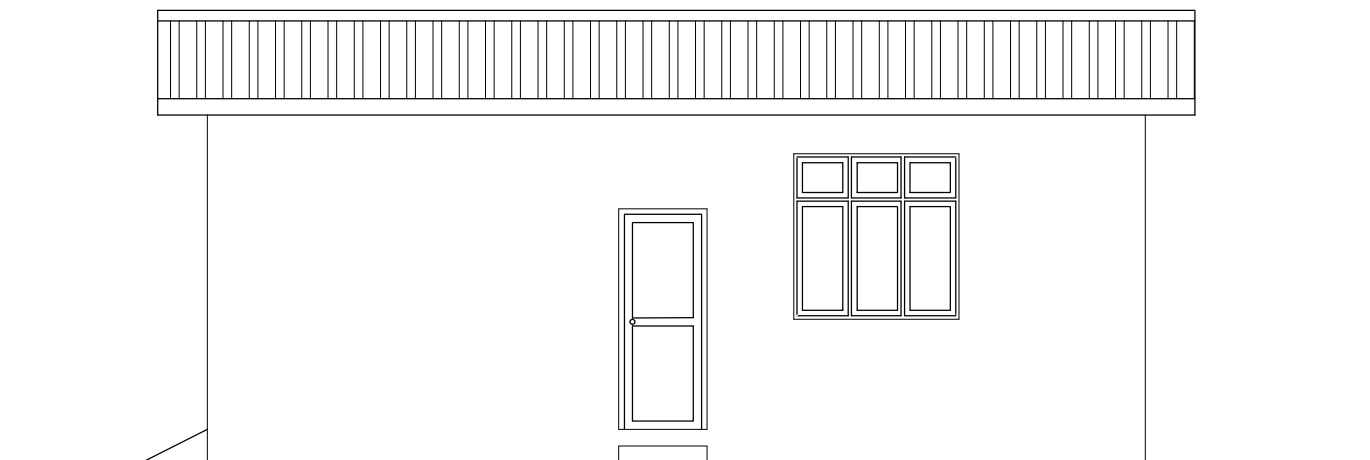
RO PLANT BUILDING
FLOOR PLAN H.DH NELLAIDHOO



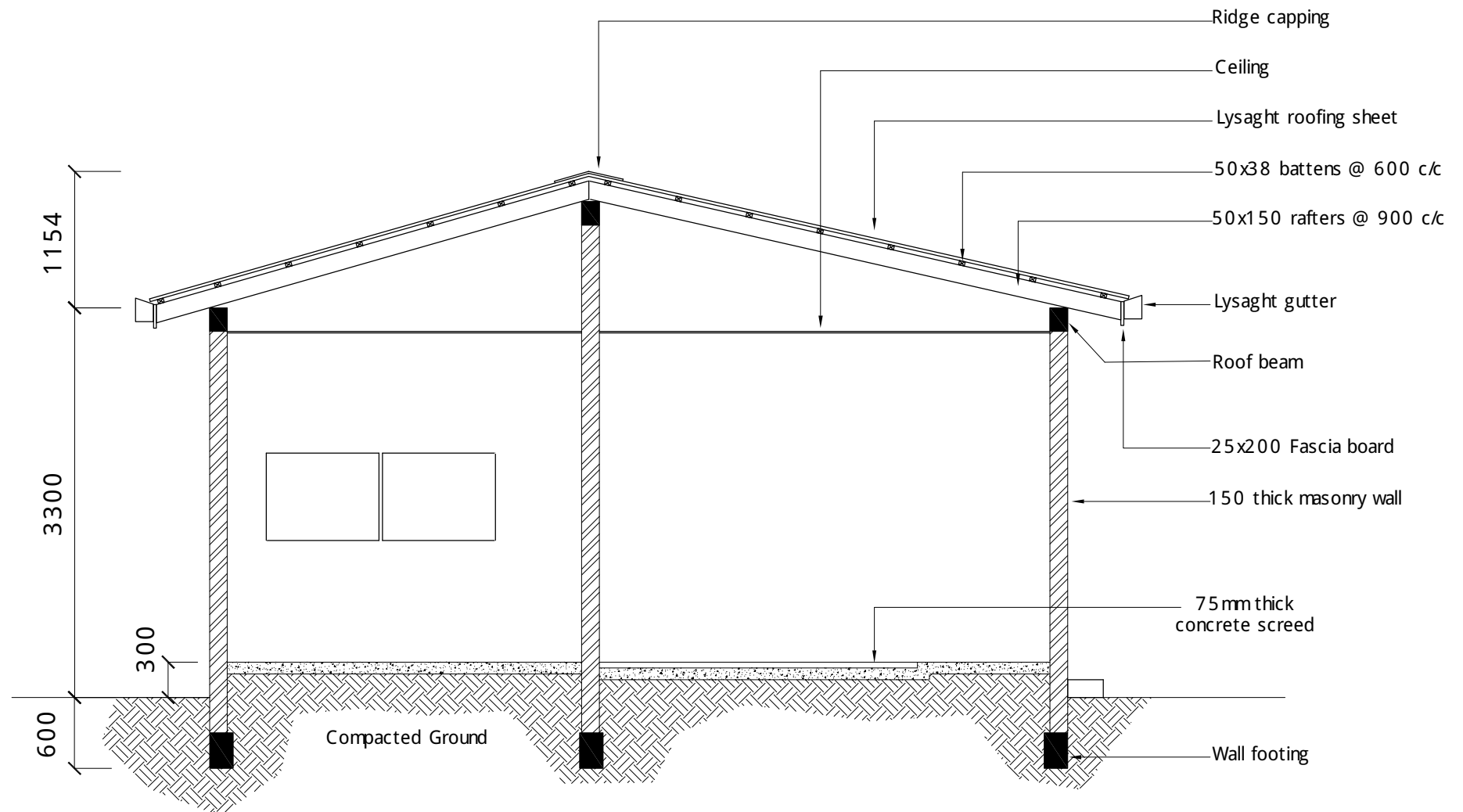
RO PLANT BUILDING
ROOF PLAN H.DH NELLAIDHOO



RO PLANT BUILDING
ROOF STRUCTURE H.DH NELLAI DHOO



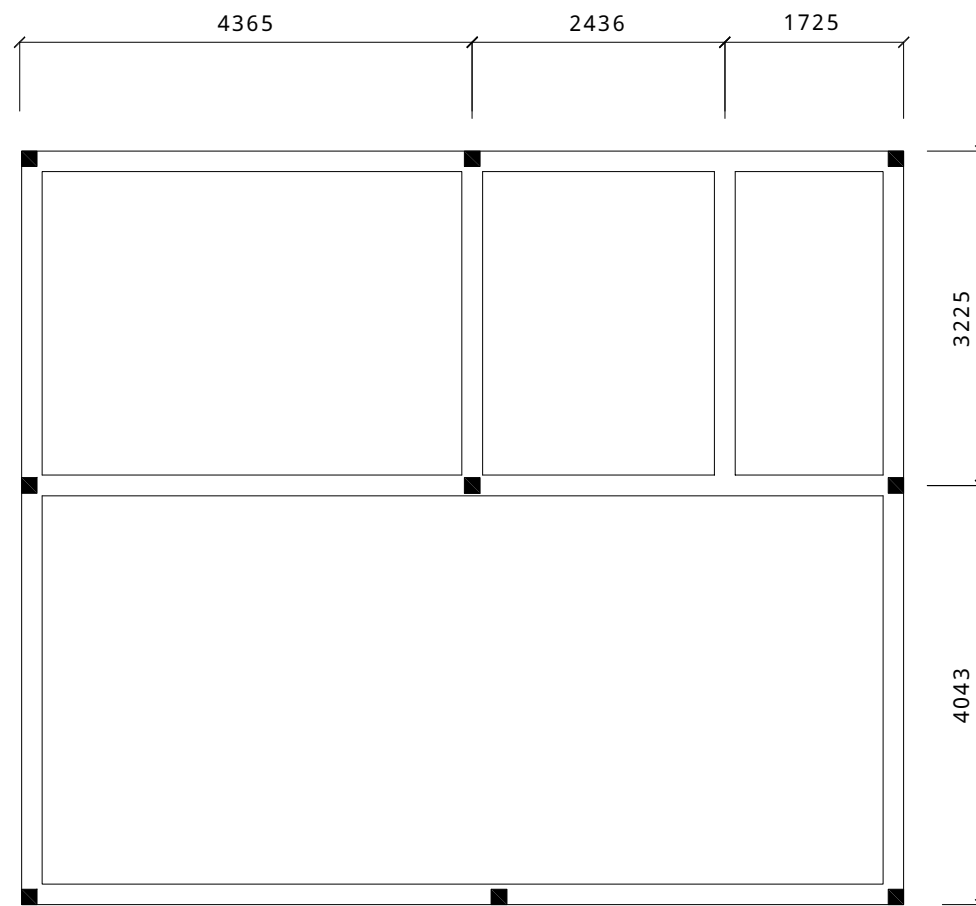
RO PLANT BUILDING
 FRONT ELEVATION H.DH NELLAIDHOO



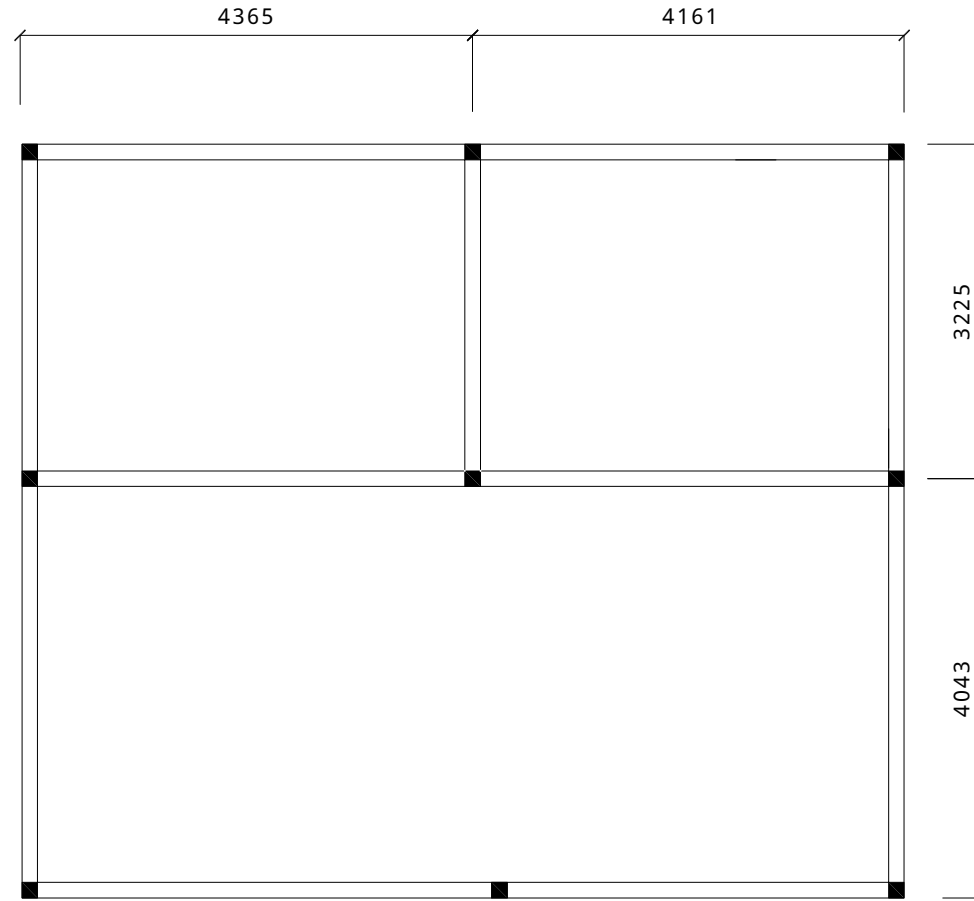
RO PLANT BUILDING

SECTION X-X

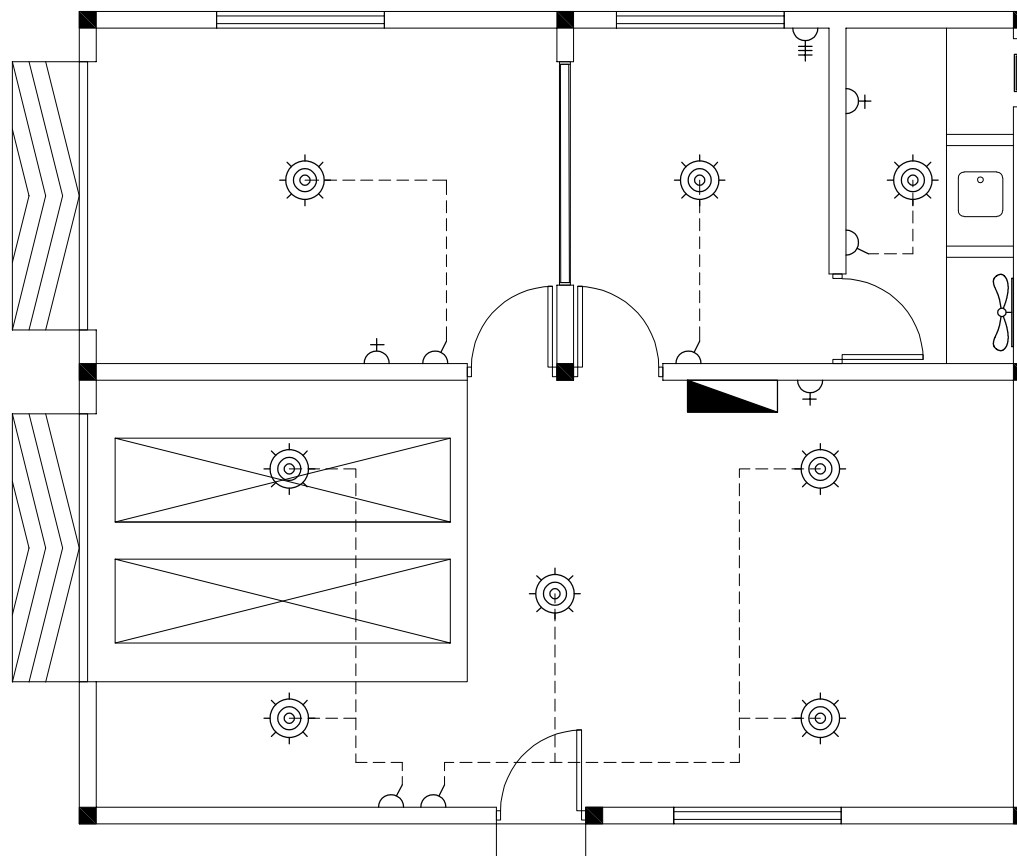
H.DH NELLAIDHOO



RO PLANT BUILDING
WALL FOOTING PLAN H.DH NELLAIDHOO



RO PLANT BUILDING
ROOF BEAM PLAN H.DH NELLAIDHOO



DISTRIBUTION BOARD



100W ENERGY SAVING LIGHT



POWER SOCKET
[0.4m ABOVE GROUND]



POWER SOCKET
[0.4m BELOW CEILING]



SINGLE GANG SWITCH



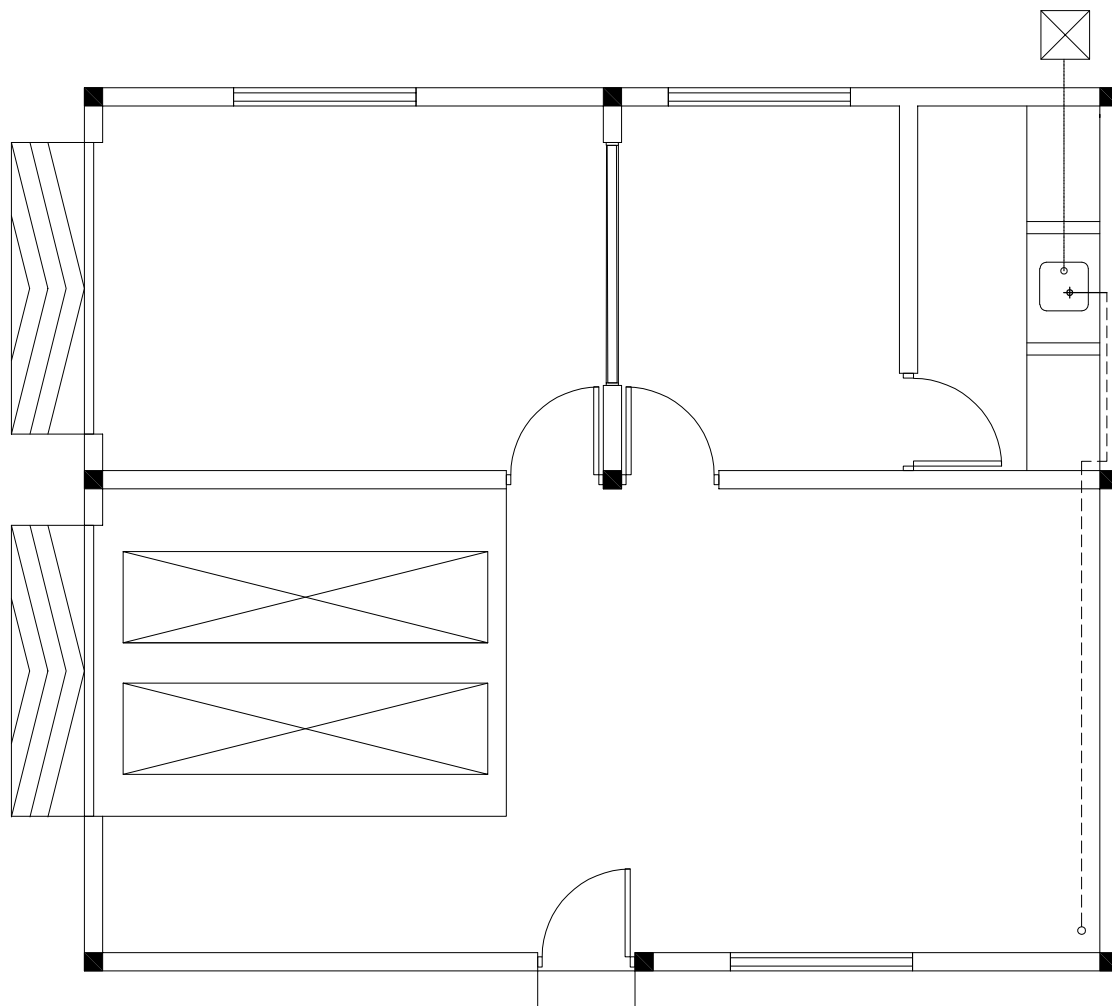
WALL MOUNT EXHAUST FAN



WALL MOUNT FAN



RO PLANT BUILDING
ELECTRICAL LAYOUT H.DH NELLAIDHOO



- ⊕— PVC Sink Tap
- ⊗ Soak pit
- 25mm PVC Pipe
- 50mm PVC Train Pipe

RO PLANT BUILDING
PLUMBING LAYOUT H.DH NELLAIDHOO

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

H.DH NOLHIVARAM RO PLANT BUILDING AND WATER SUPPLY FACILITY



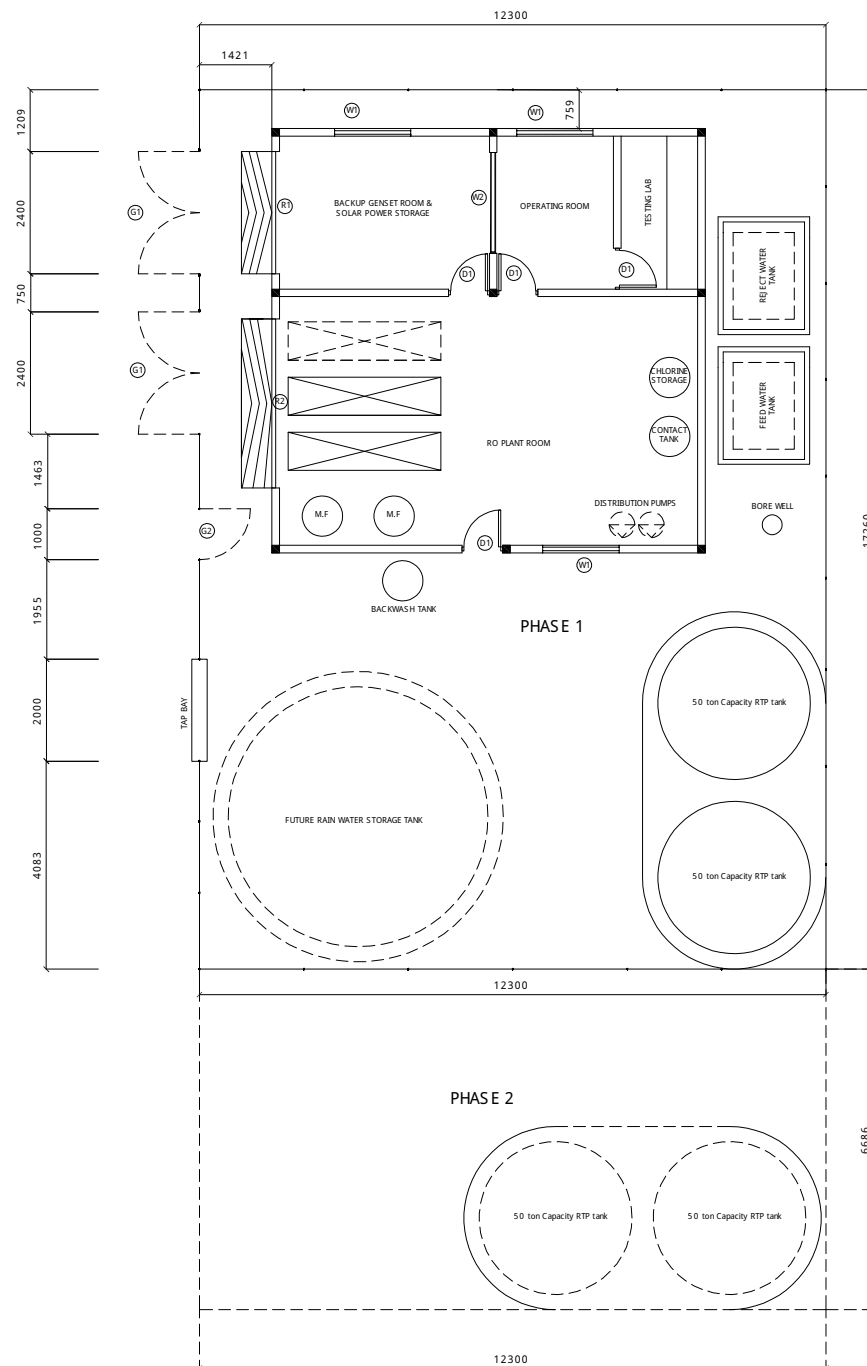
WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALÉ 20-01
REPUBLIC OF MALDIVES

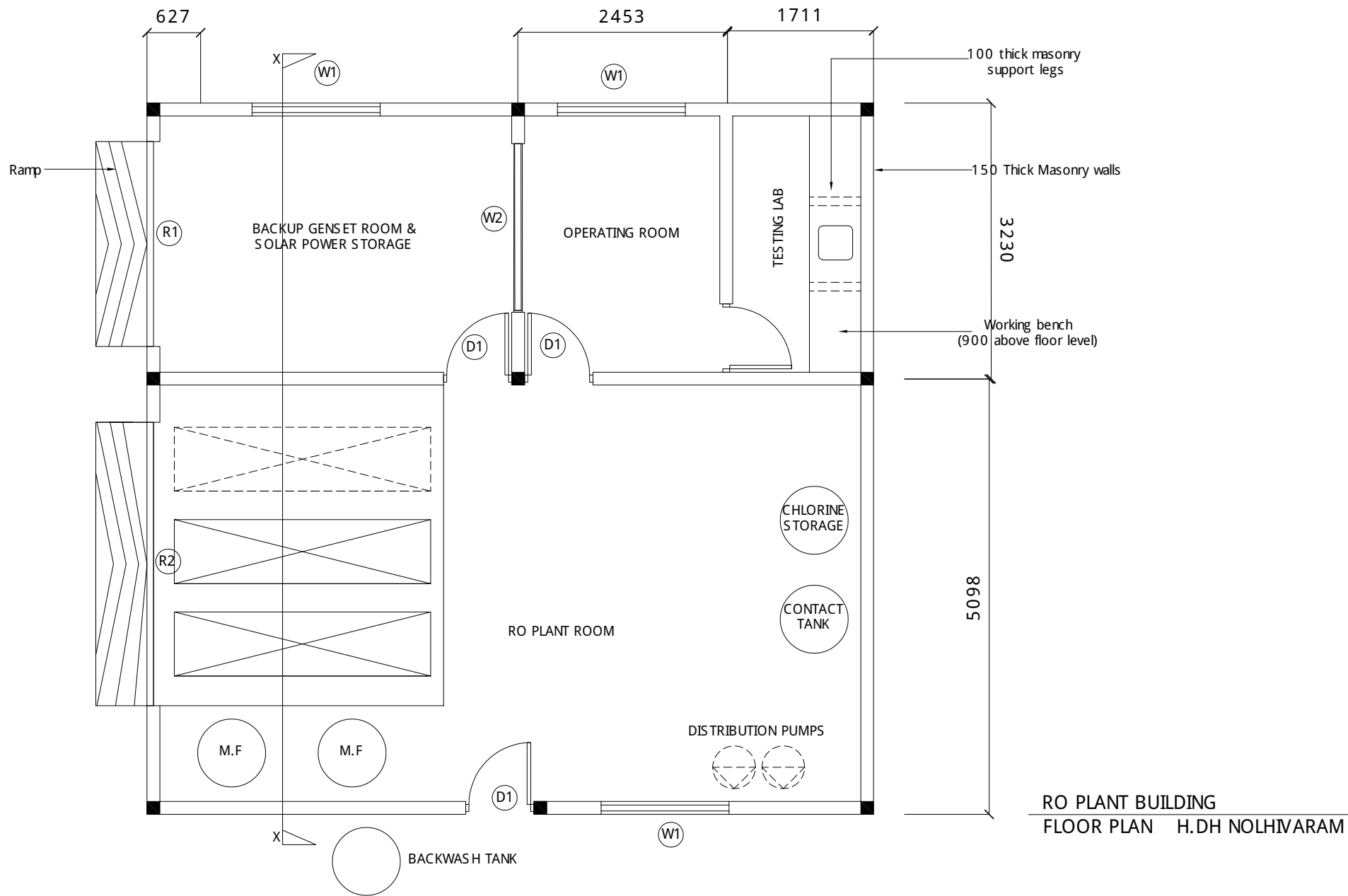


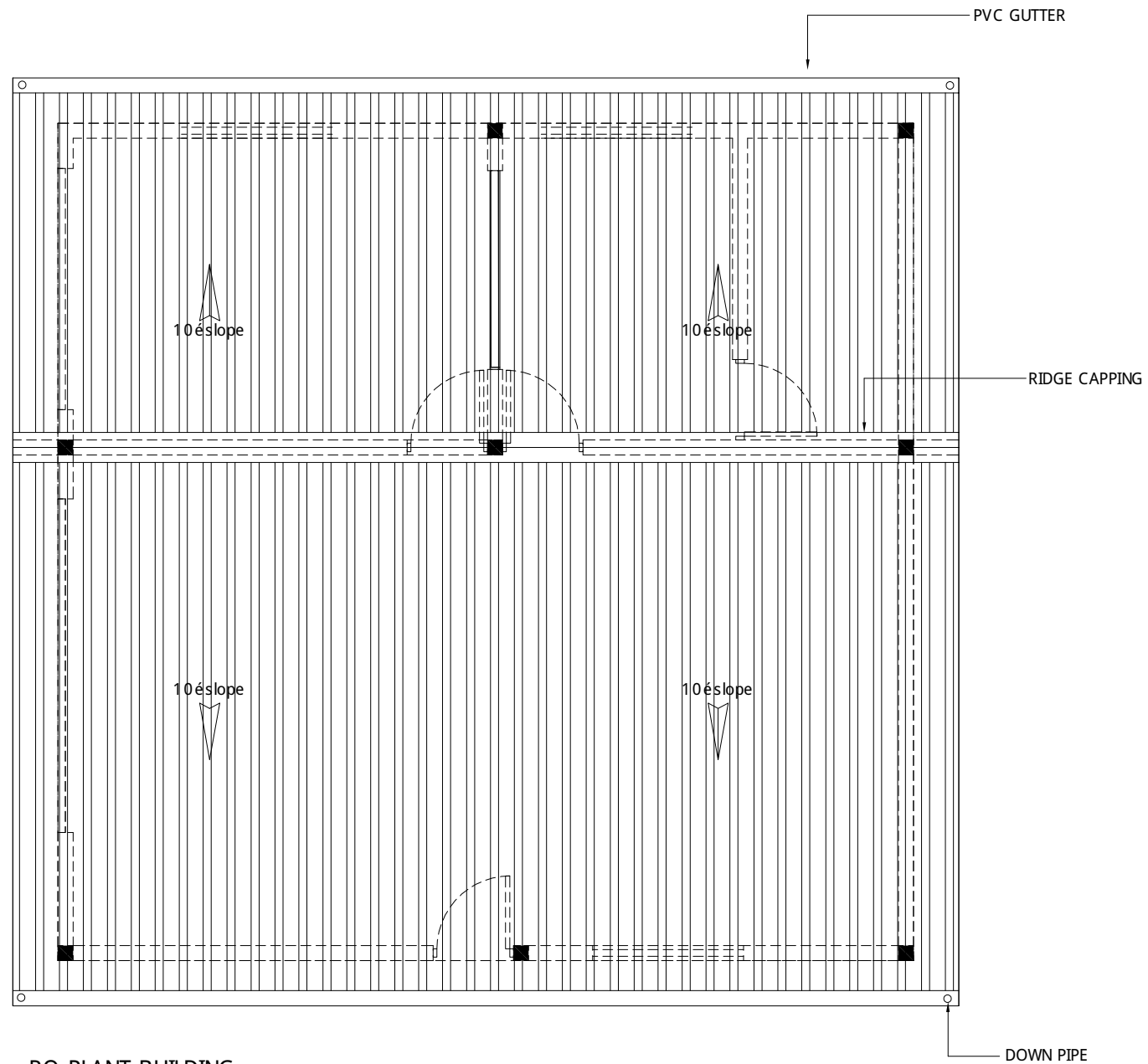
RO PLANT BUILDING AND CRITICAL DEVELOPMENTS

H.DH NOLHIVARAM

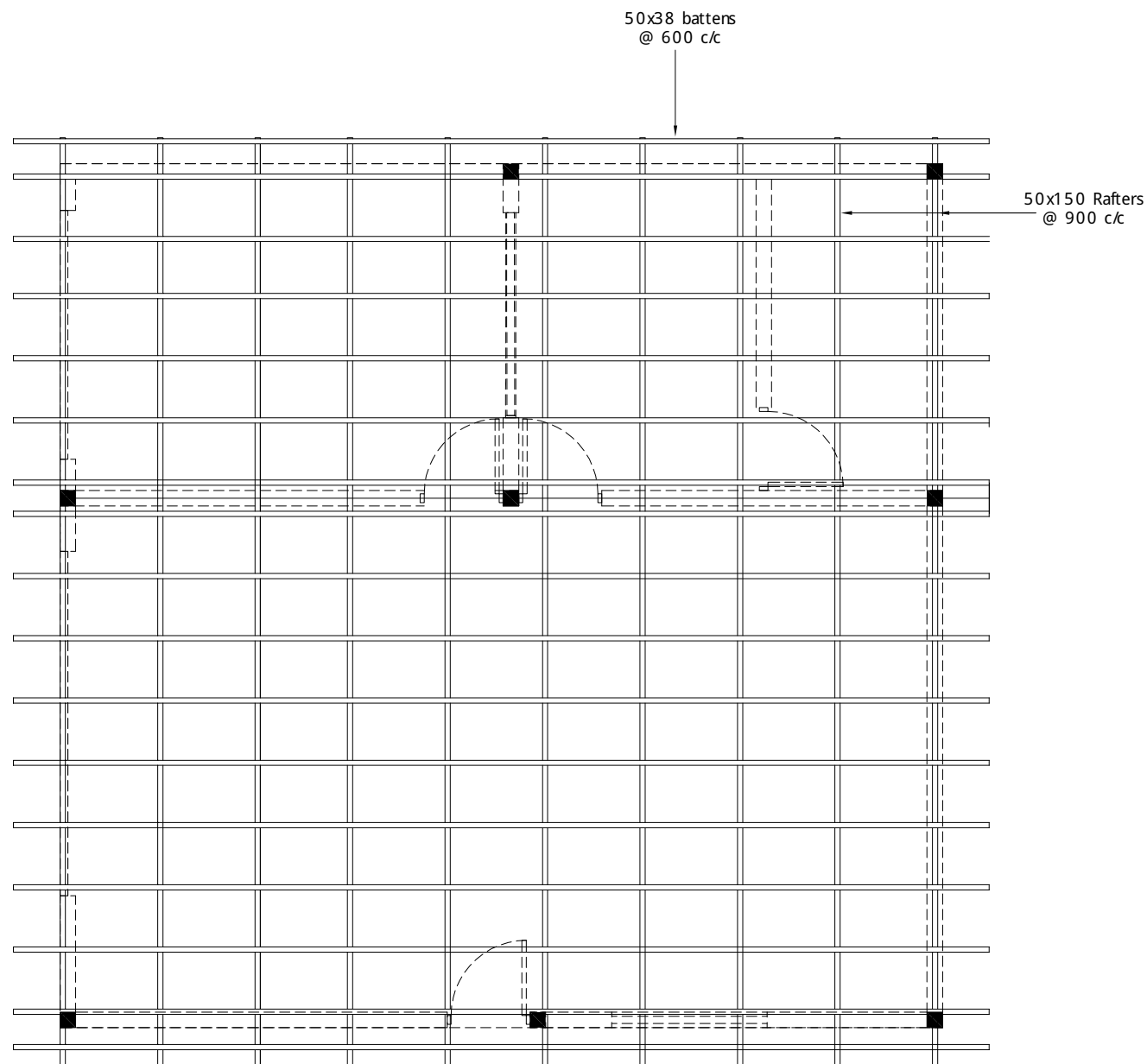


WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING SITE PLAN
HAA DHAALU NOLHIVARAM

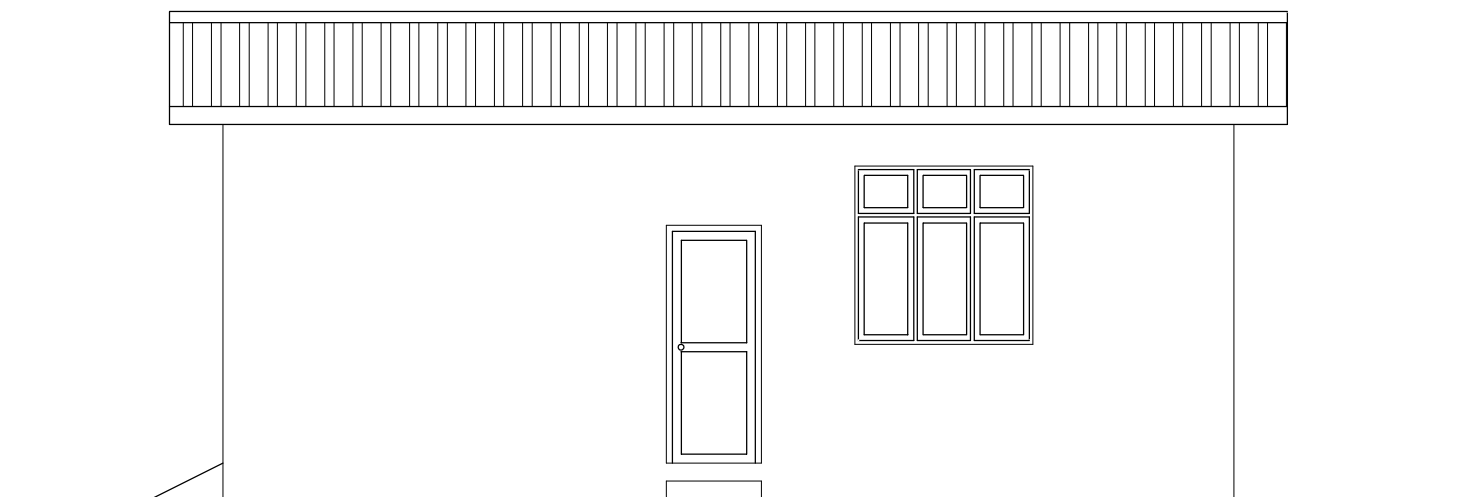




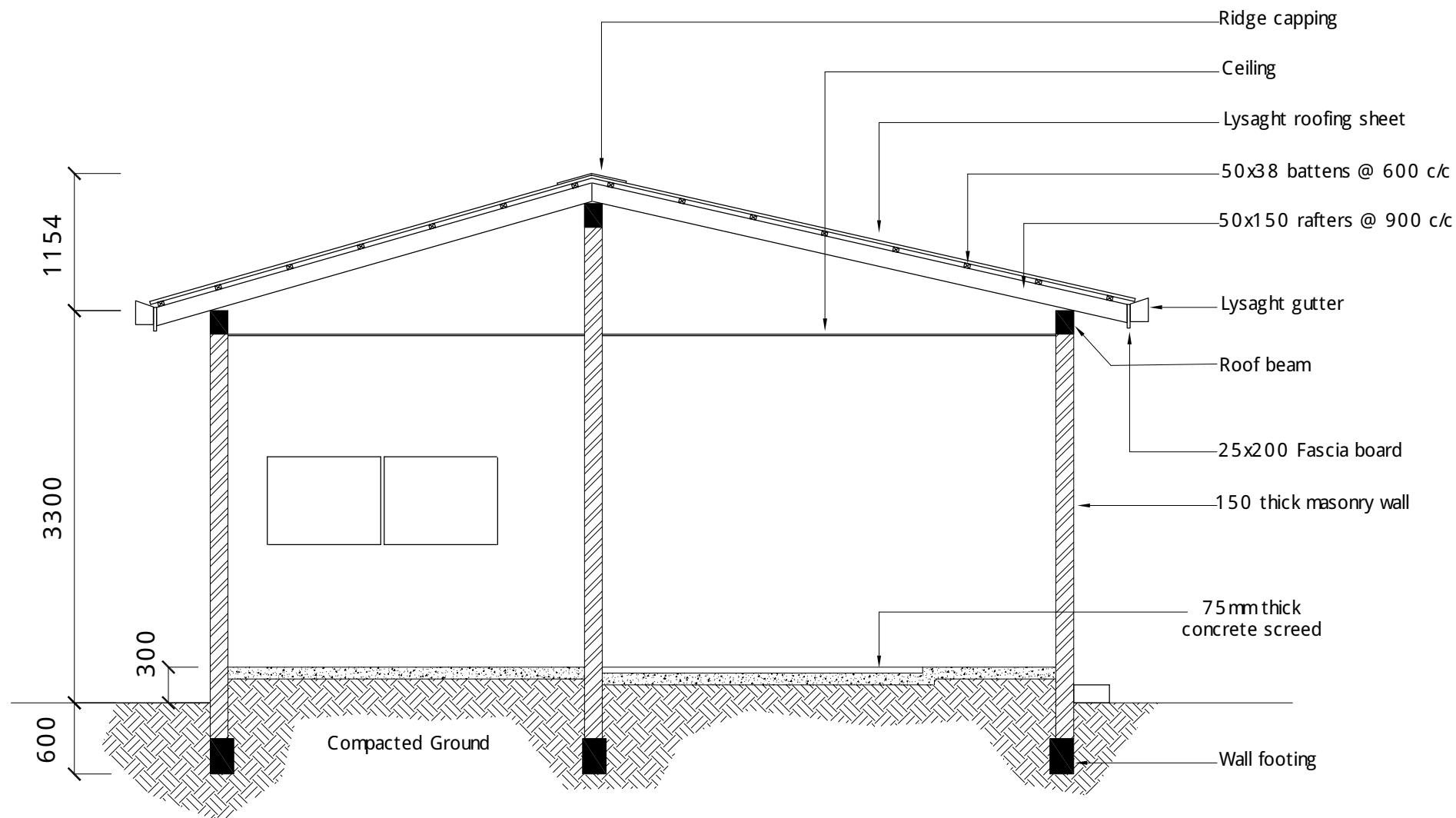
RO PLANT BUILDING
ROOF PLAN H.DH NOLHIVARAM



RO PLANT BUILDING
ROOF STRUCTURE H.DH NOLHIVARAM

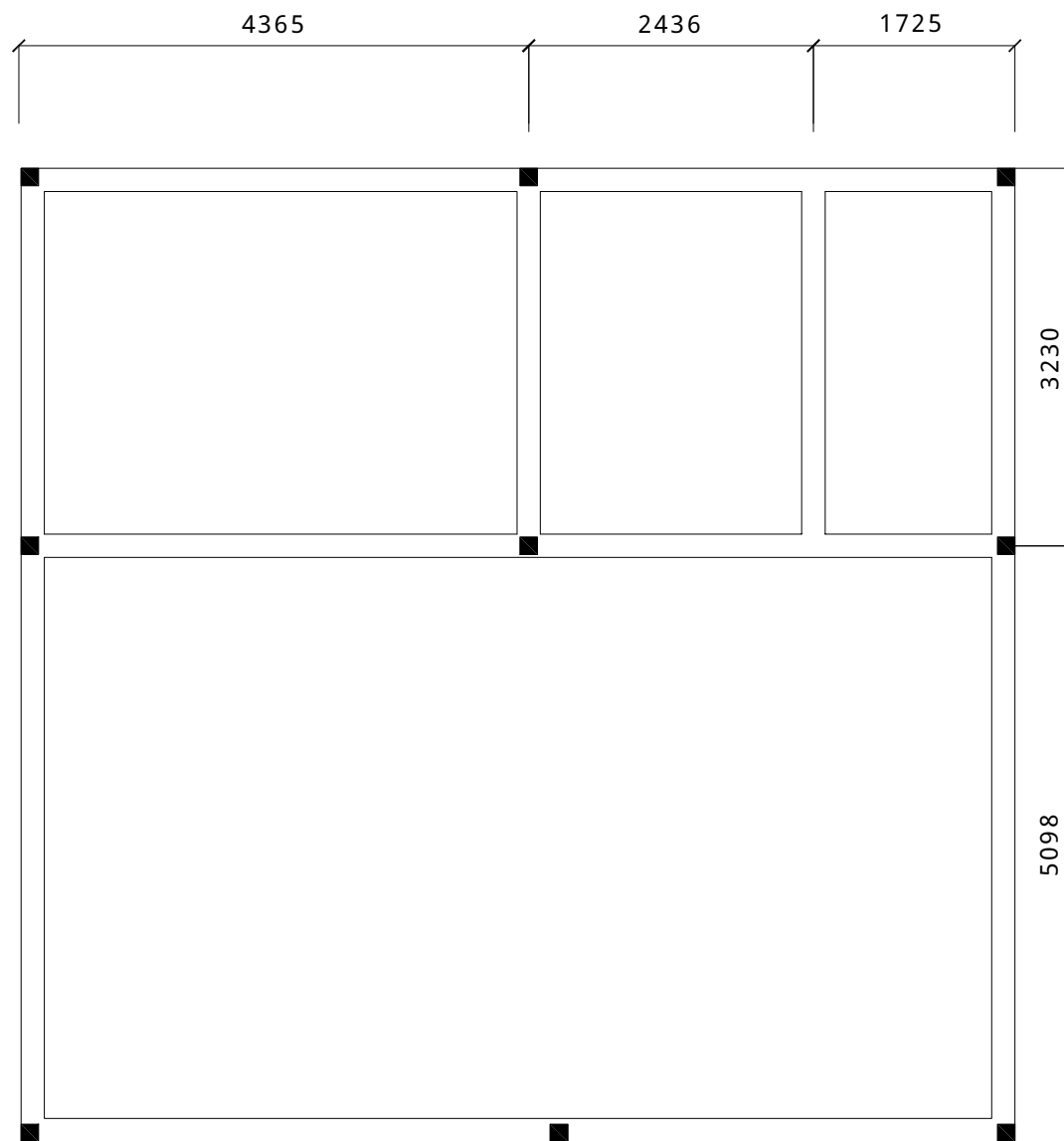


RO PLANT BUILDING
FRONT ELEVATION H.DH NOLHIVARAM

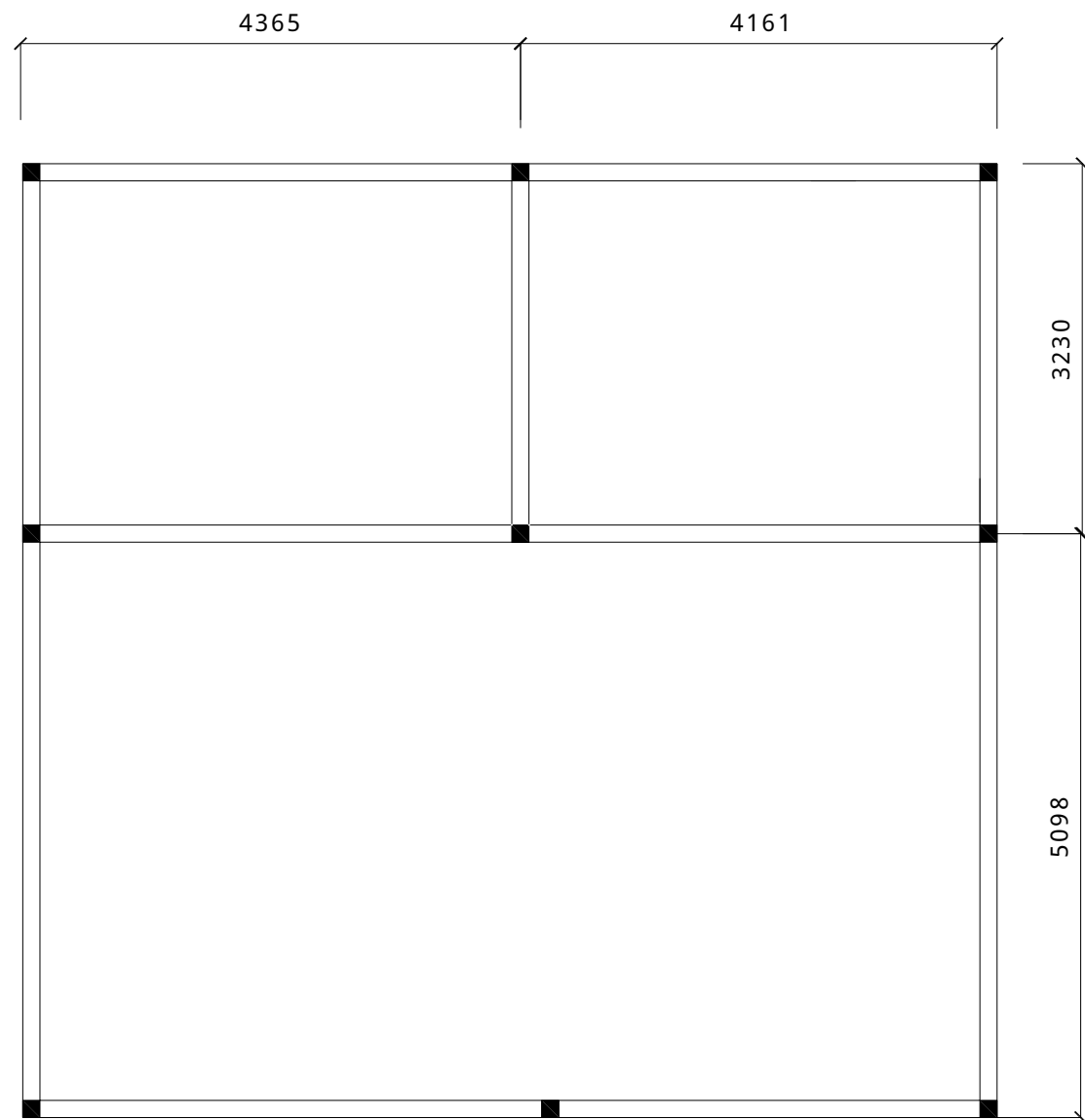


RO PLANT BUILDING
SECTION X-X

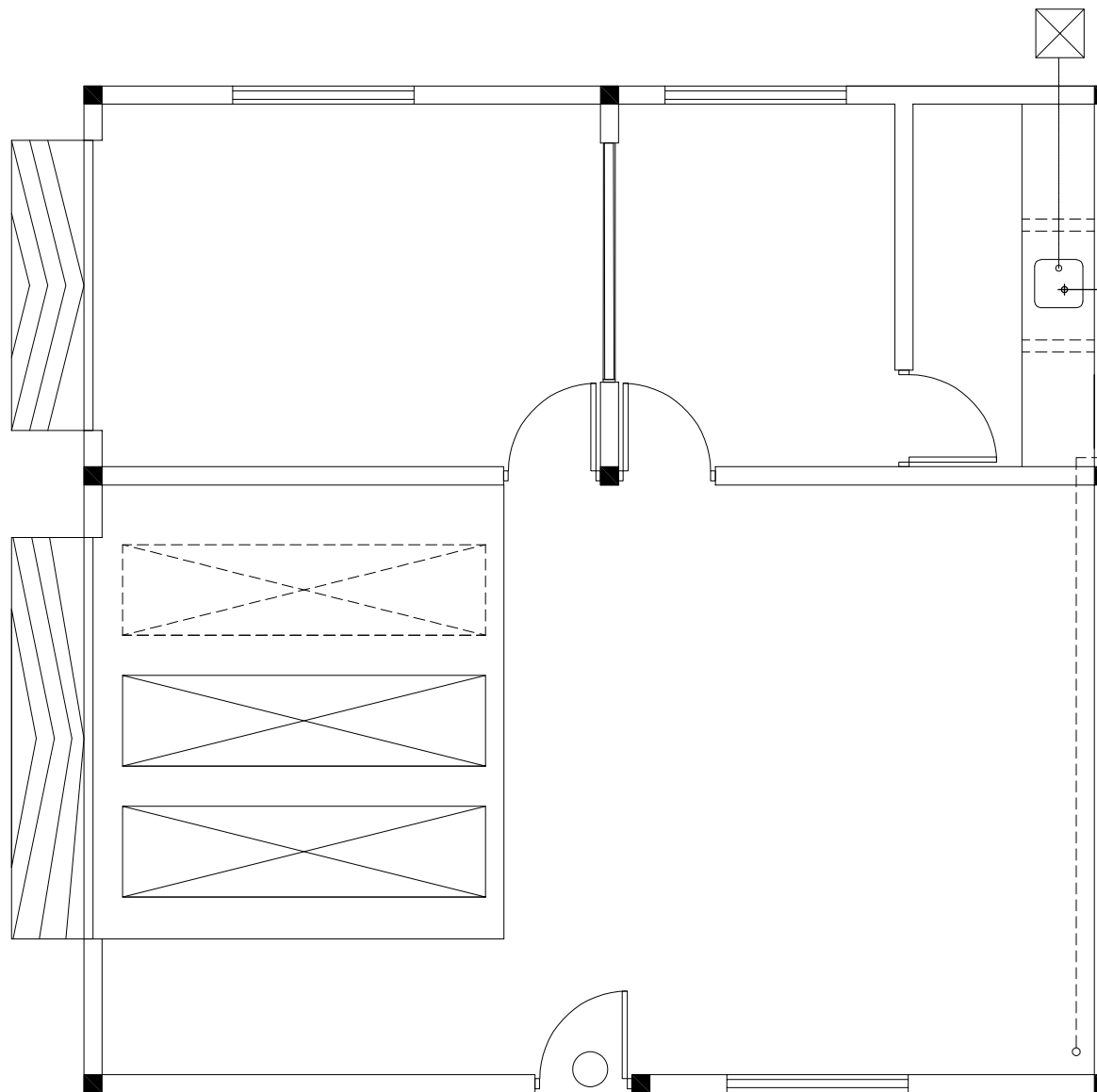
H.DH NOLHIVARAM



RO PLANT BUILDING
WALL FOOTING PLAN H.DH NOLHIVARAM

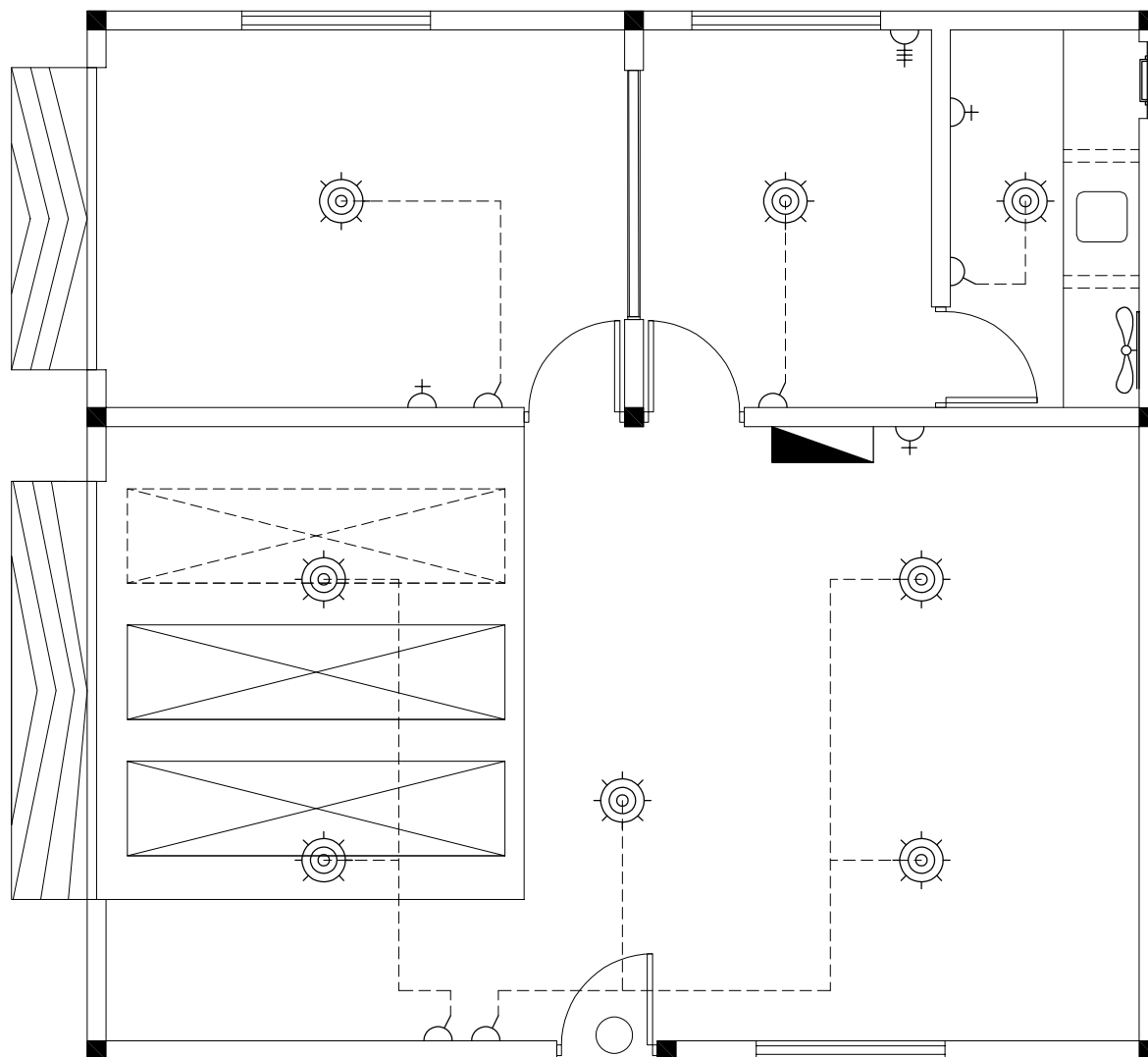


RO PLANT BUILDING
ROOF BEAM PLAN H.DH NOLHIVARAM



- ⊕— PVC Sink Tap
- ⊗ Soak pit
- 25mm PVC Pipe
- 50mm PVC Train Pipe

RO PLANT BUILDING
PLUMBING LAYOUT H.DH NOLHIVARAM



DISTRIBUTION BOARD



100W ENERGY SAVING LIGHT



POWER SOCKET
[0.4m ABOVE GROUND]



POWER SOCKET
[0.4m BELOW CEILING]



SINGLE GANG SWITCH



WALL MOUNT EXHAUST FAN



WALL MOUNT FAN



RO PLANT BUILDING ELECTRICAL LAYOUT H.DH NOLHIVARAM

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

H.DH VAIKARADHOO RO PLANT BUILDING AND WATER SUPPLY FACILITY



WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE' 20-01
REPUBLIC OF MALDIVES



HARBOUR KIOSK

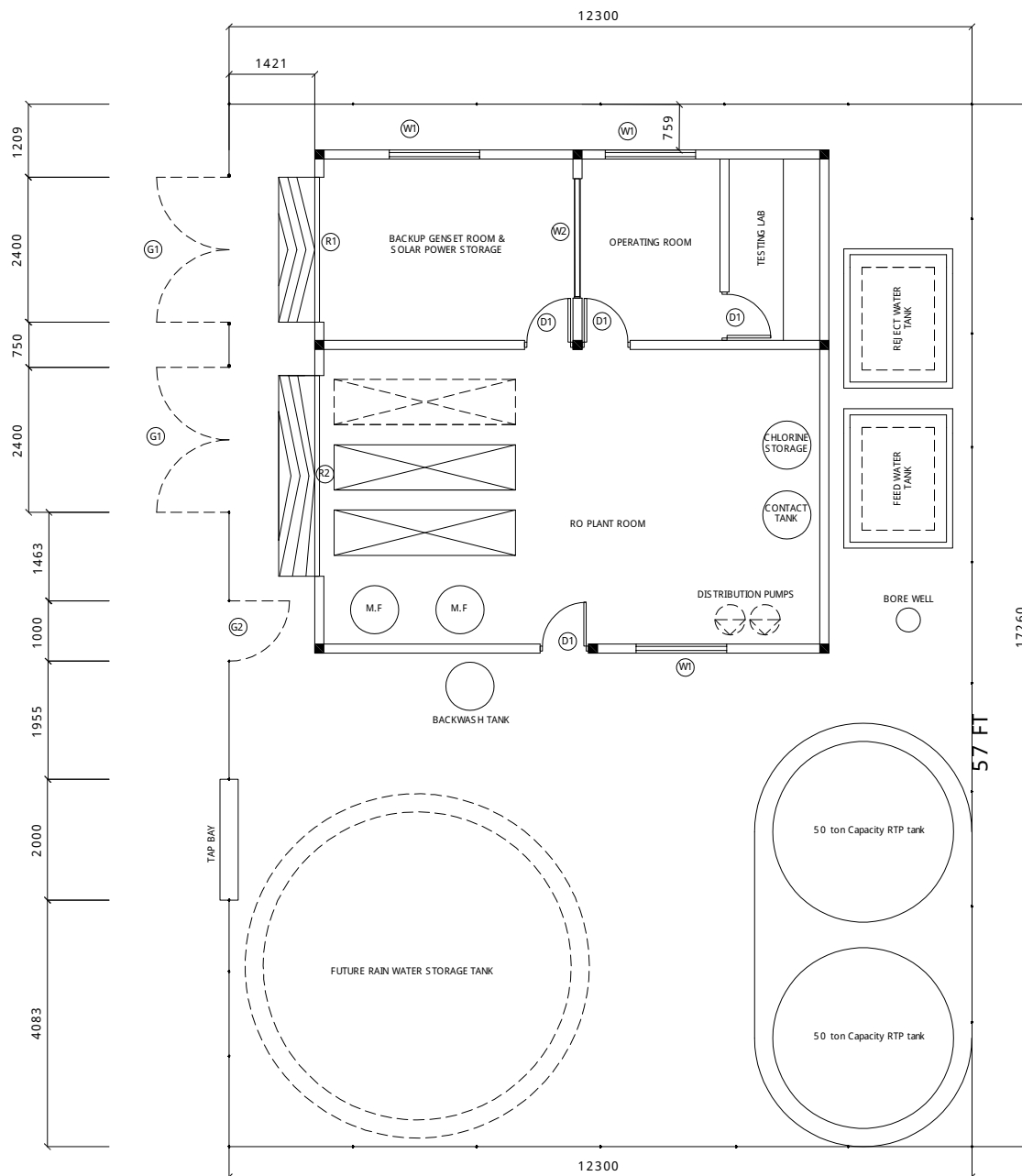
SUPPLY PIPE TO
HARBOUR KIOSK

TAP BAY

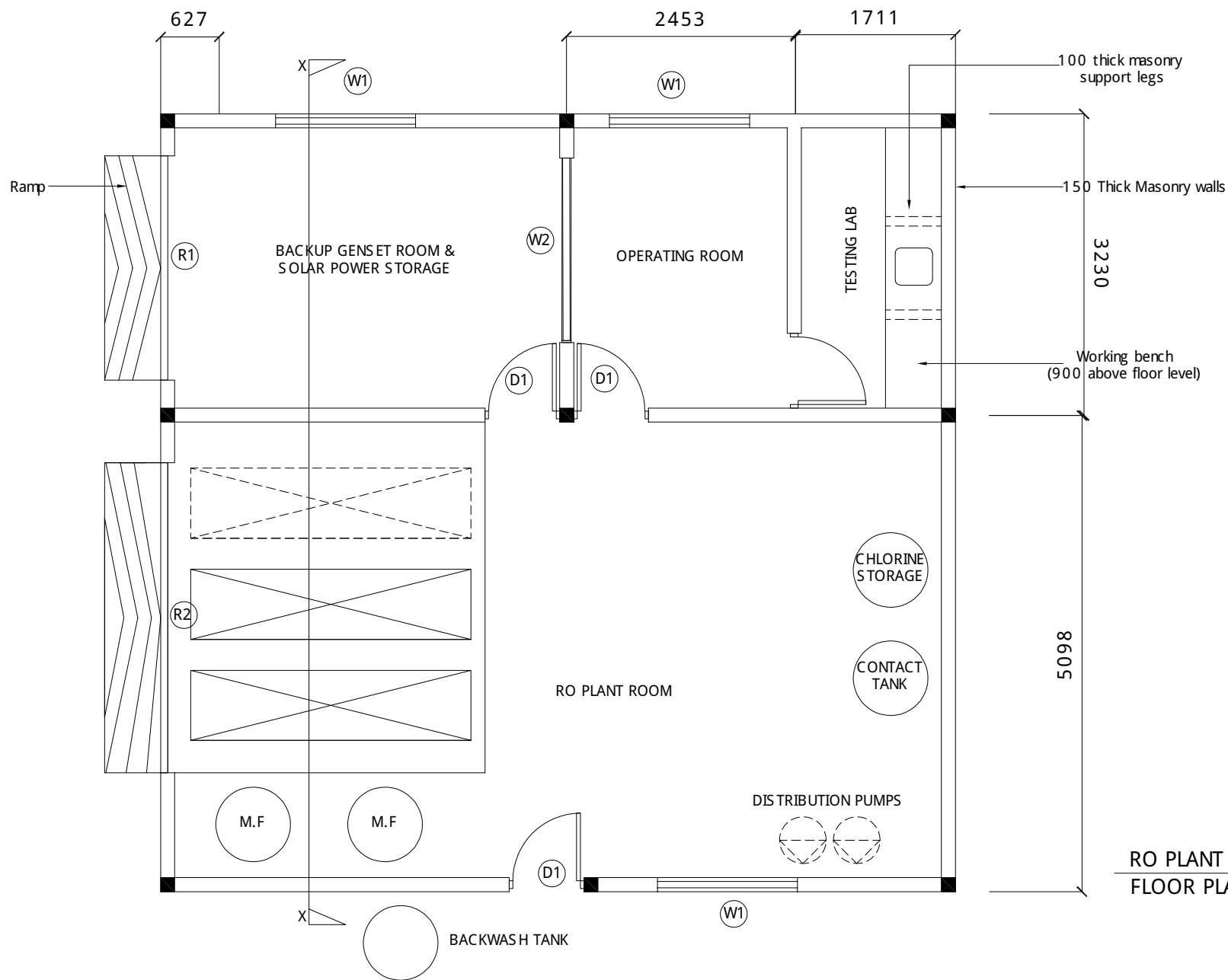
RO PLANT BUILDING
AND STORAGE TANK

BRINE-OUTFALL
PIPE

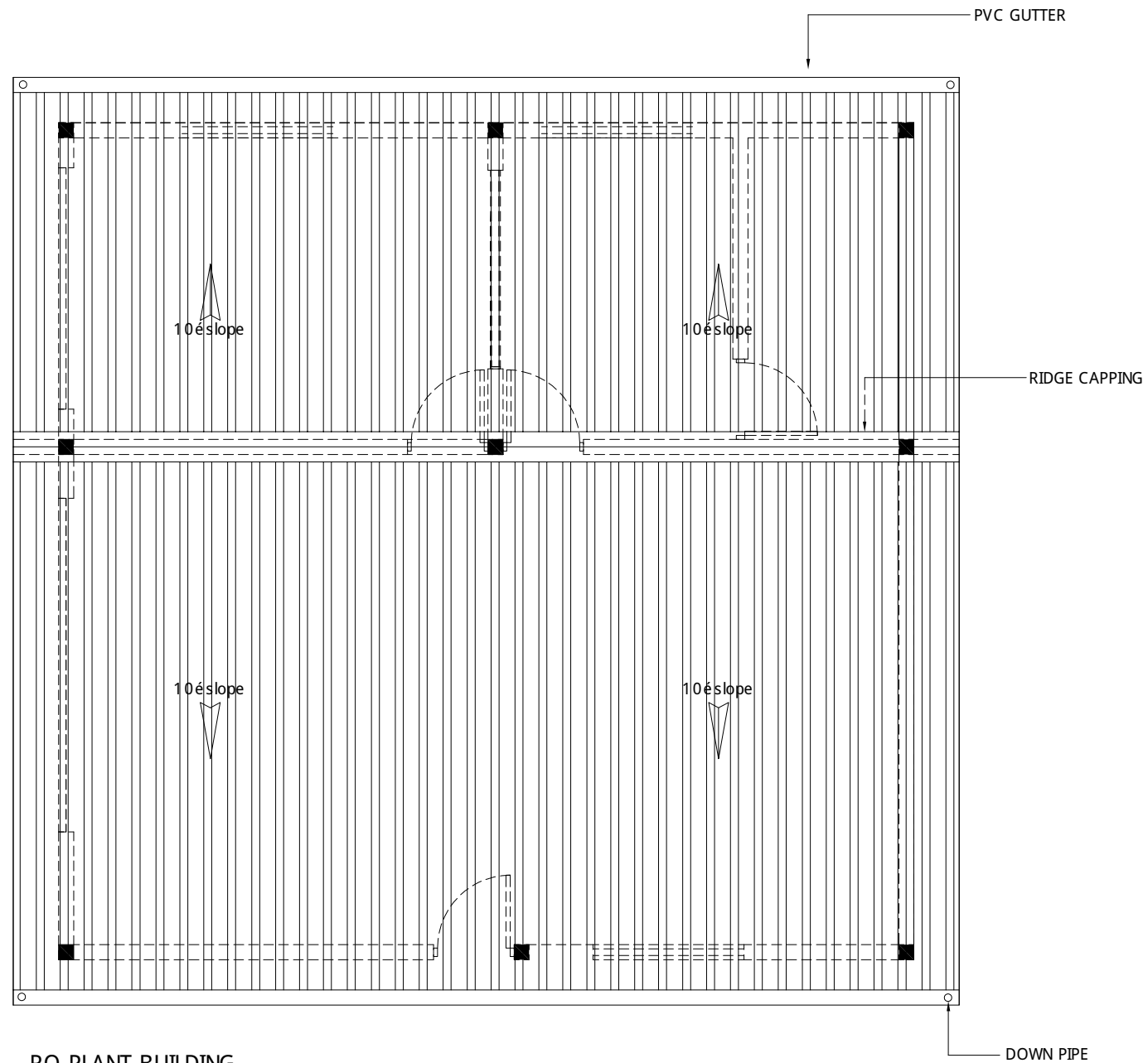
PROPOSED LOCATIONS FOR RO PLANT BUILDING
H.DH VAIKARADHOO



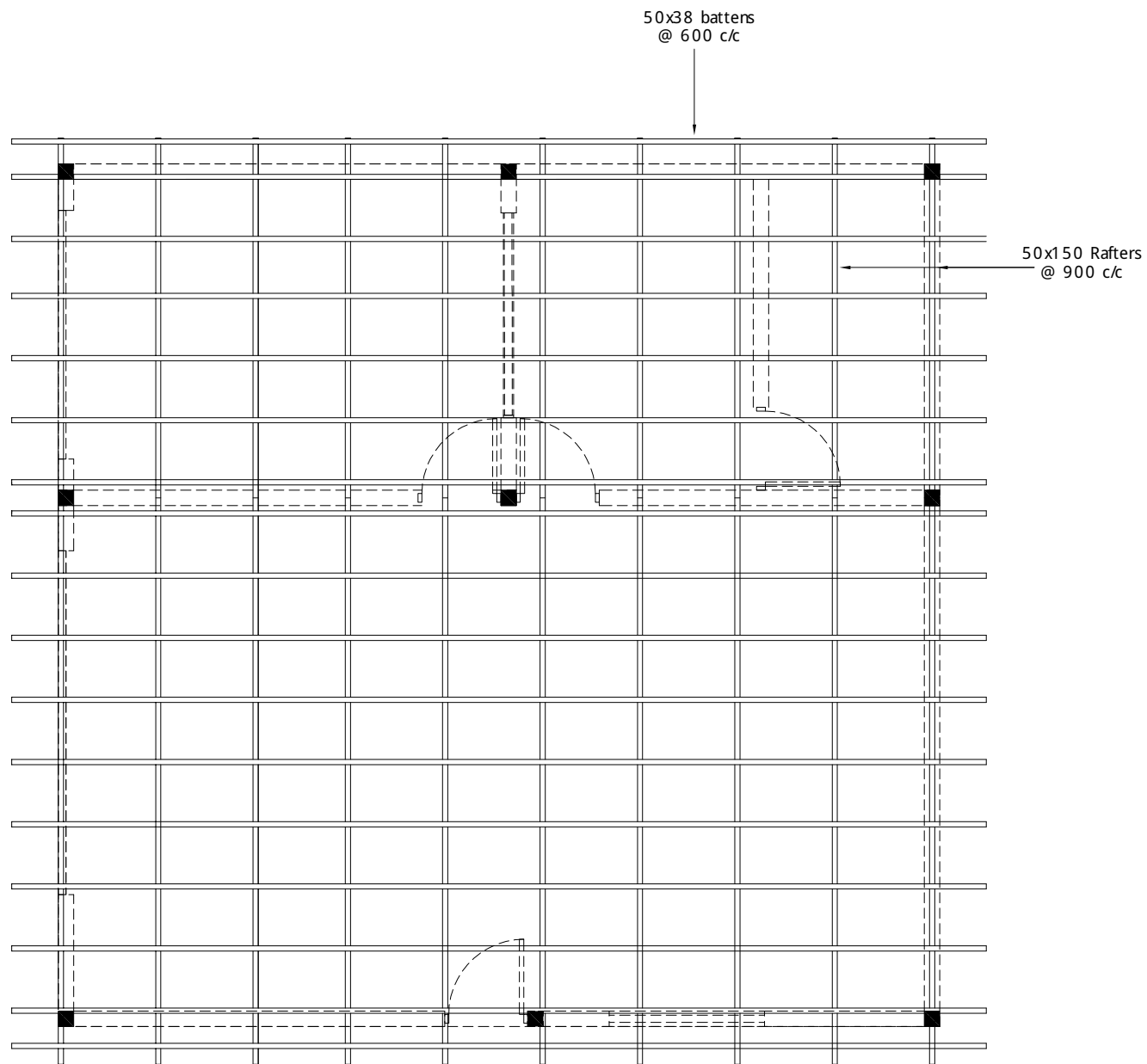
WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING SITE
HAA DHAALU VAIKARADHOO



RO PLANT BUILDING
FLOOR PLAN H.DH VAIKARADHOO

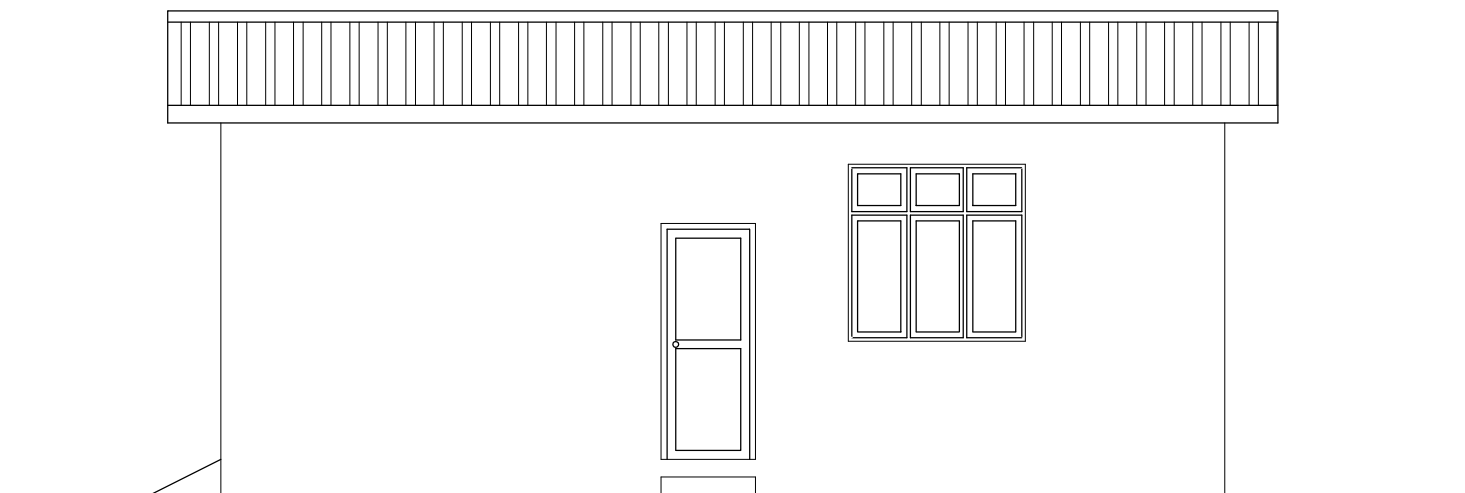


RO PLANT BUILDING
 ROOF PLAN H.DH VAIKARADHOO

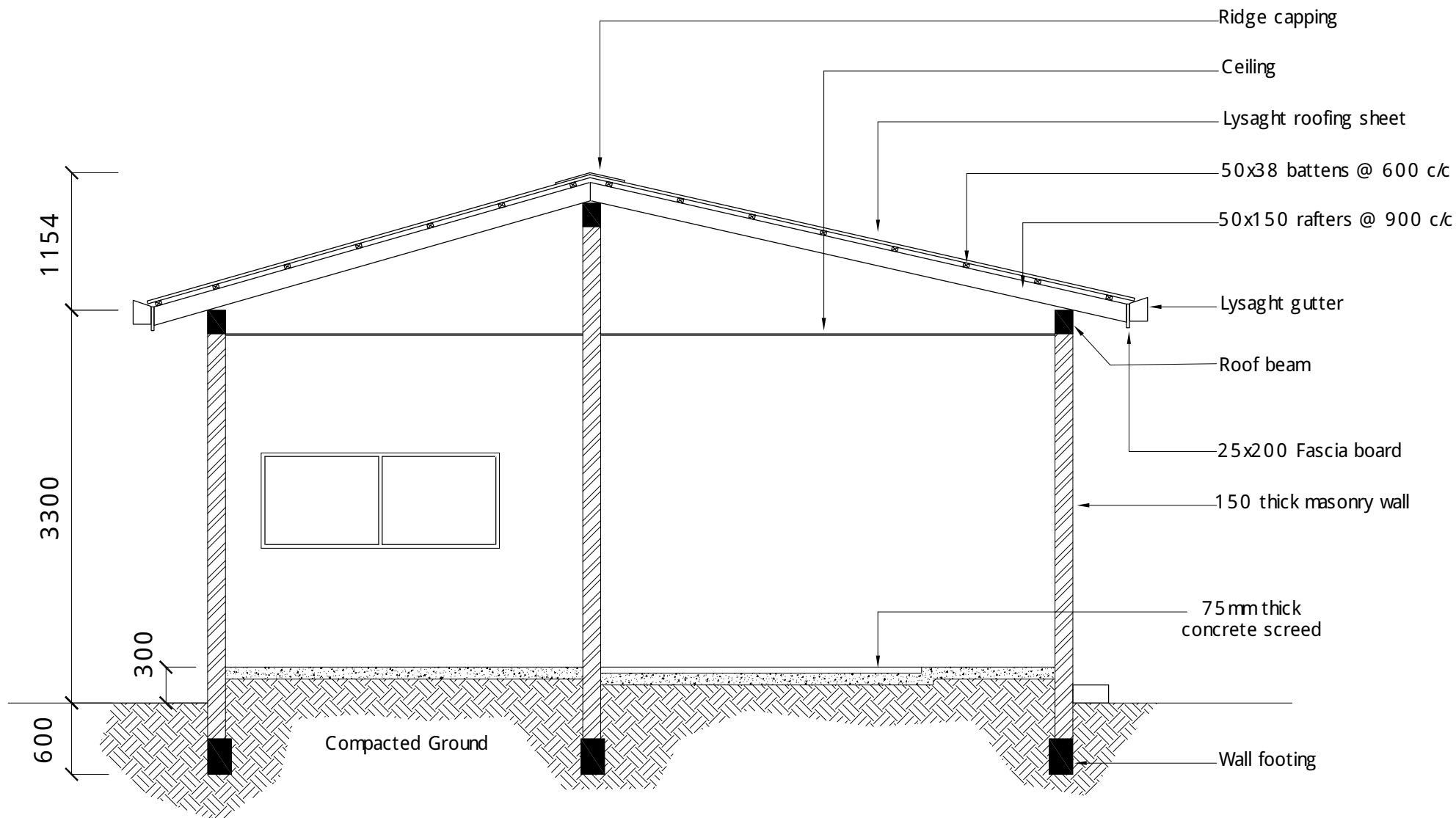


RO PLANT BUILDING
ROOF STRUCTURE

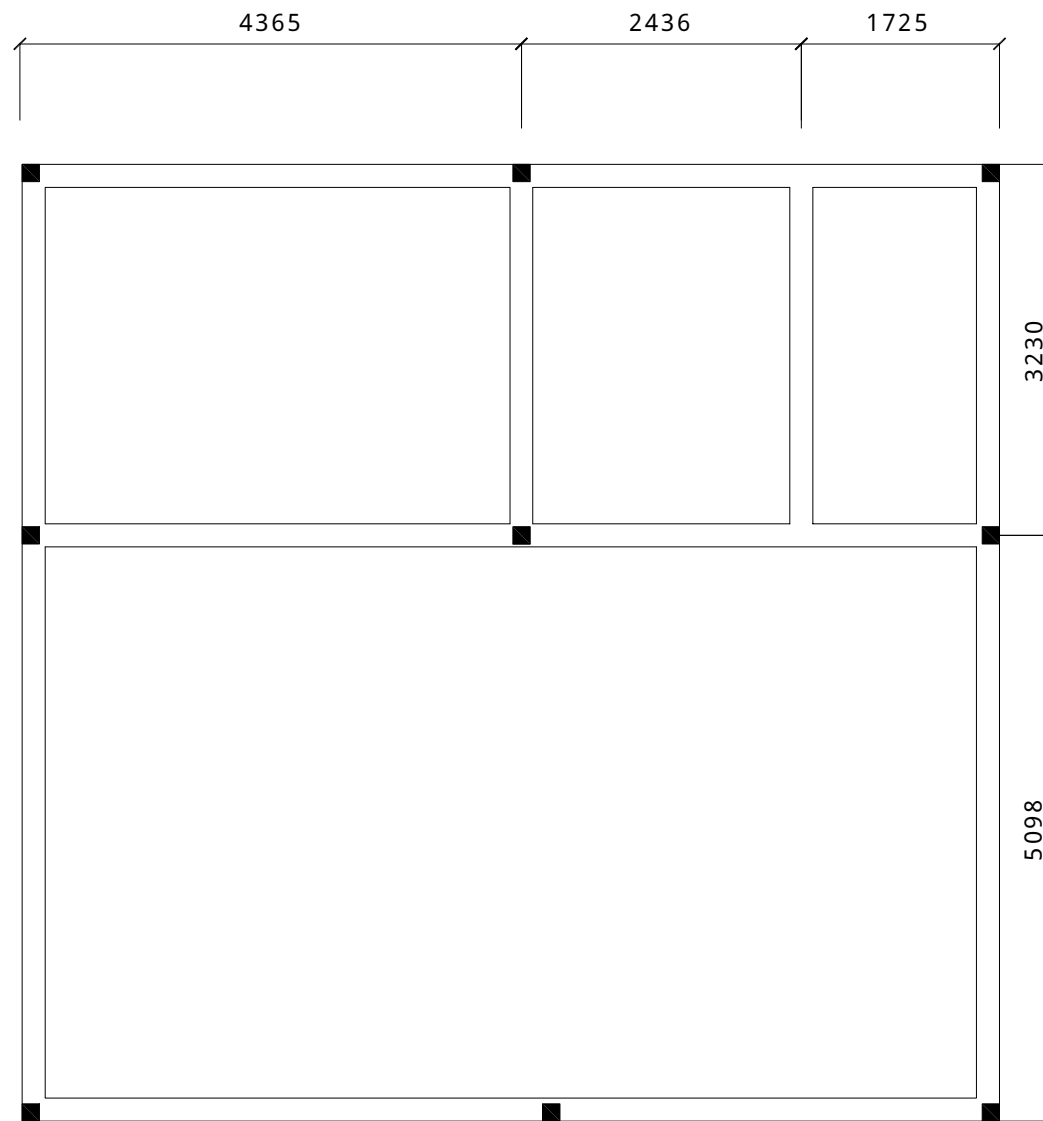
H.DH VAIKARADHOO



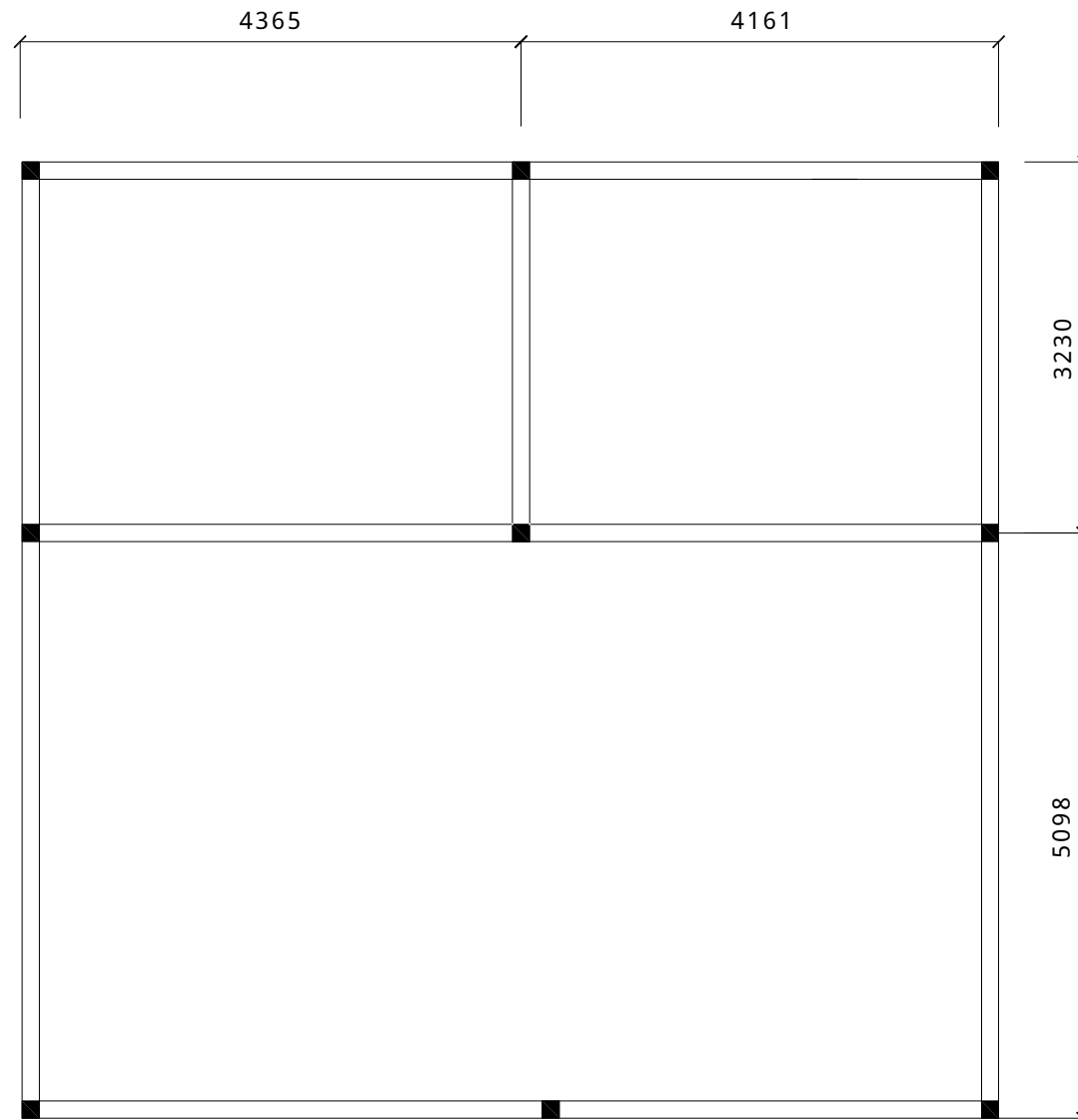
RO PLANT BUILDING
FRONT ELEVATION H.DH VAIKARADHOO



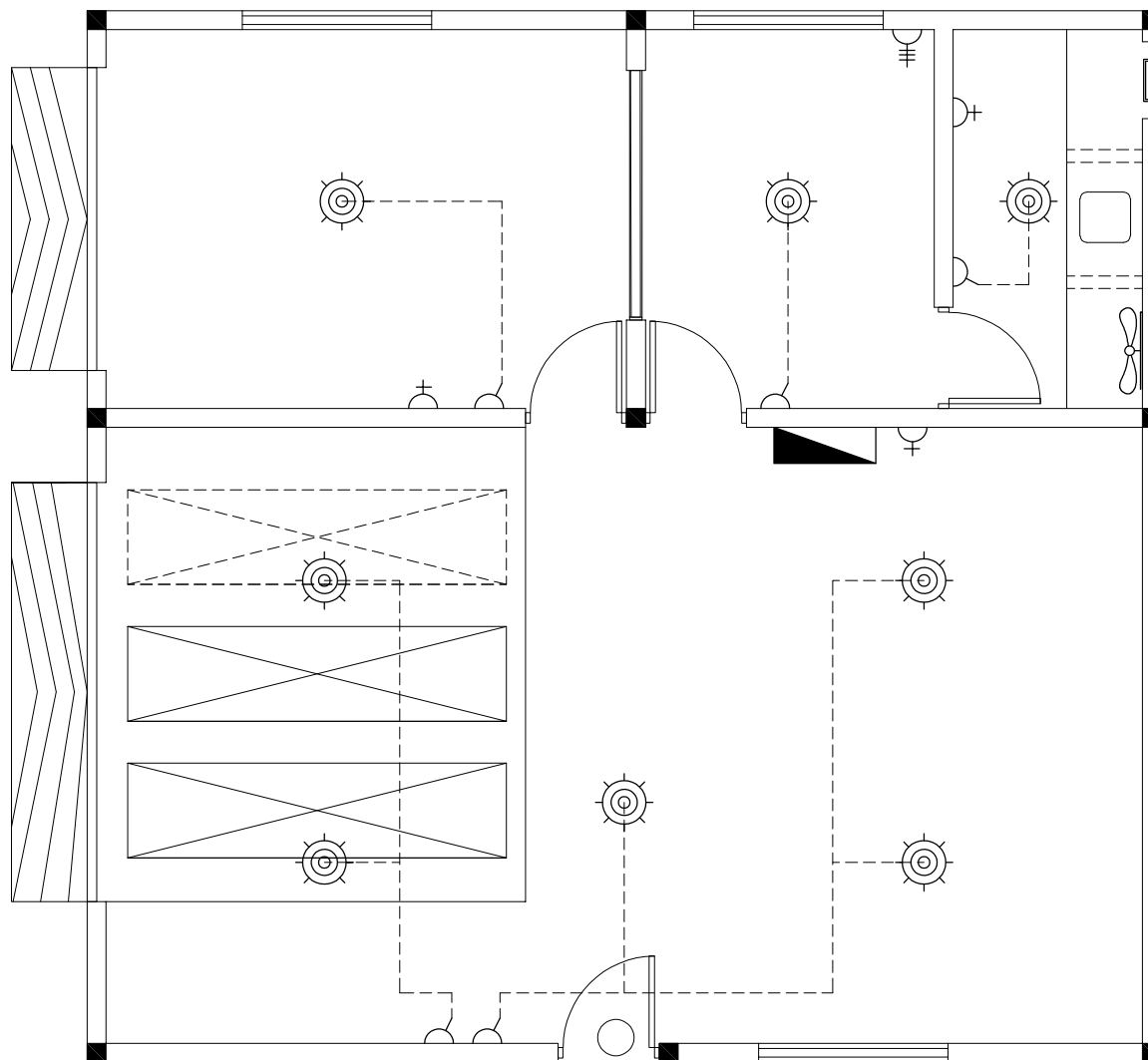
RO PLANT BUILDING
SECTION X-X H.DH VAIKARADHOO



RO PLANT BUILDING
WALL FOOTING PLAN H.DH VAIKARADHOO



RO PLANT BUILDING
ROOF BEAM PLAN H.DH VAIKARADHOO



DISTRIBUTION BOARD



100W ENERGY SAVING LIGHT



POWER SOCKET
[0.4m ABOVE GROUND]



POWER SOCKET
[0.4m BELOW CEILING]



SINGLE GANG SWITCH



WALL MOUNT EXHAUST FAN

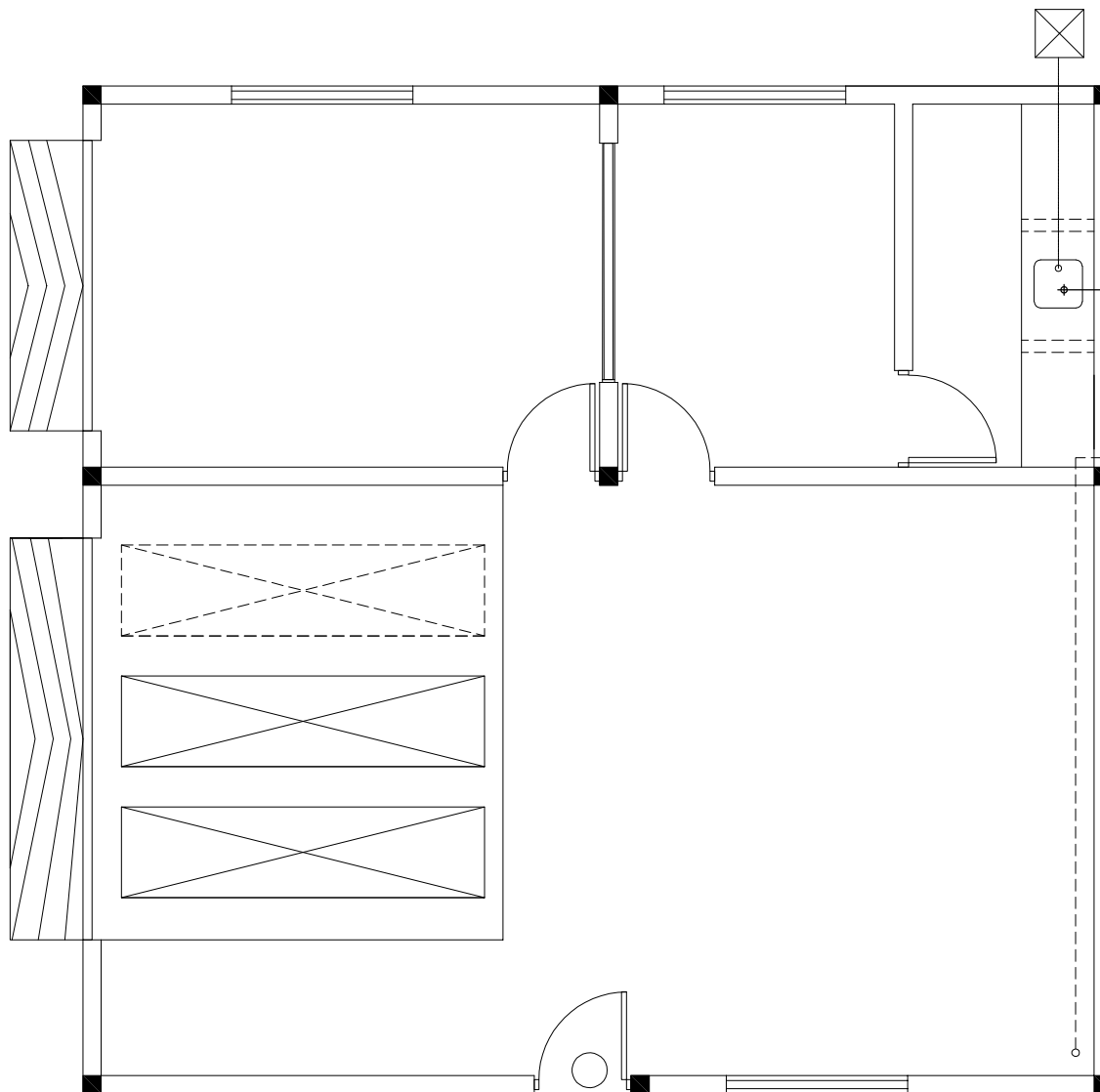


WALL MOUNT FAN



RO PLANT BUILDING
ELECTRICAL LAYOUT

H.DH VAIKARADHOO

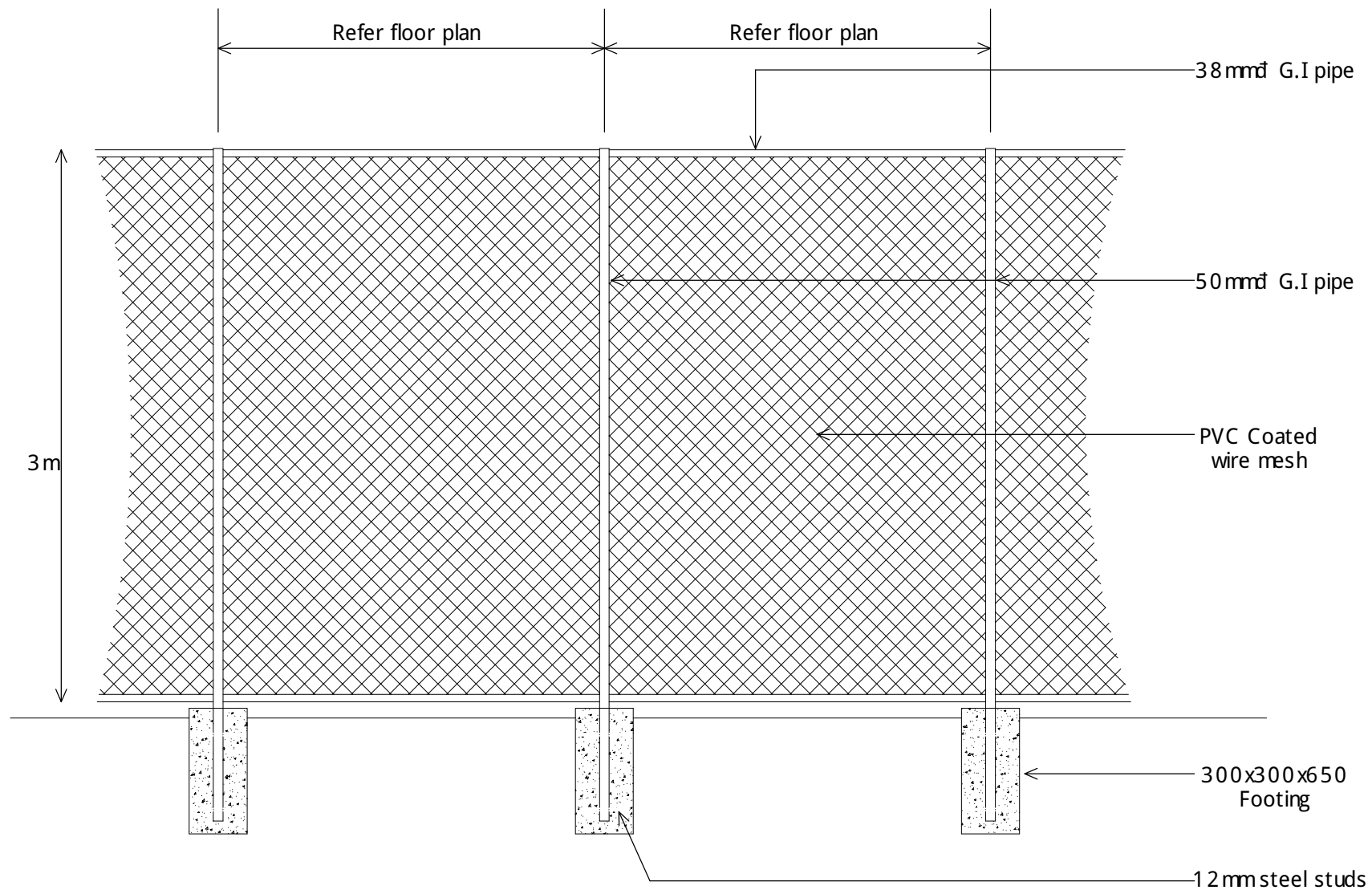


- ⊕ PVC Sink Tap
- ⊗ Soak pit
- 25mm PVC Pipe
- 50mm PVC Train Pipe

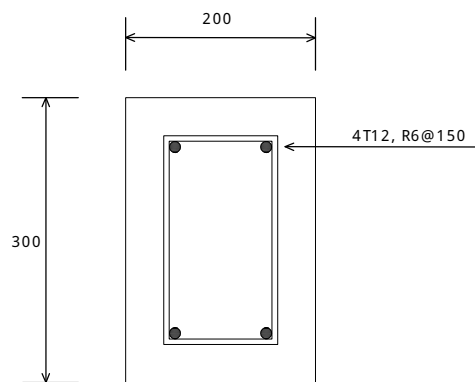
RO PLANT BUILDING
PLUMBING LAYOUT

H.DH VAIKARADHOO

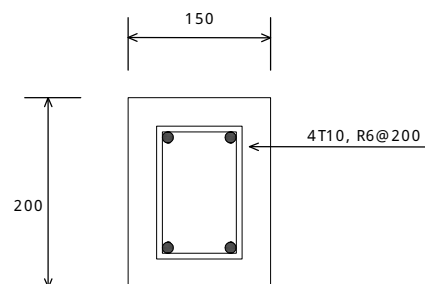
COMMON DRAWINGS



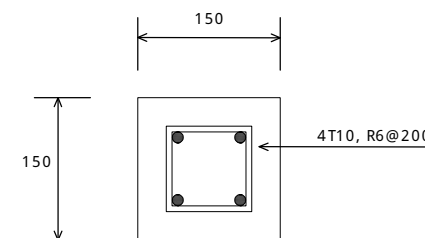
RO PLANT SITE PERIMETER FENCE



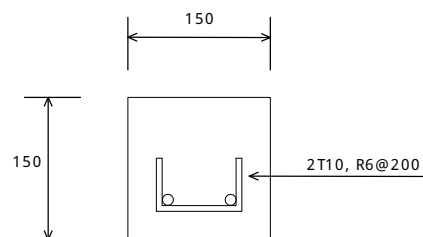
WALL FOOTING



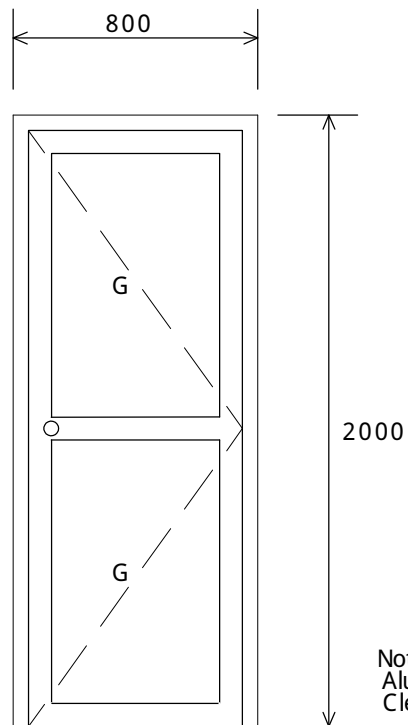
ROOF BEAM



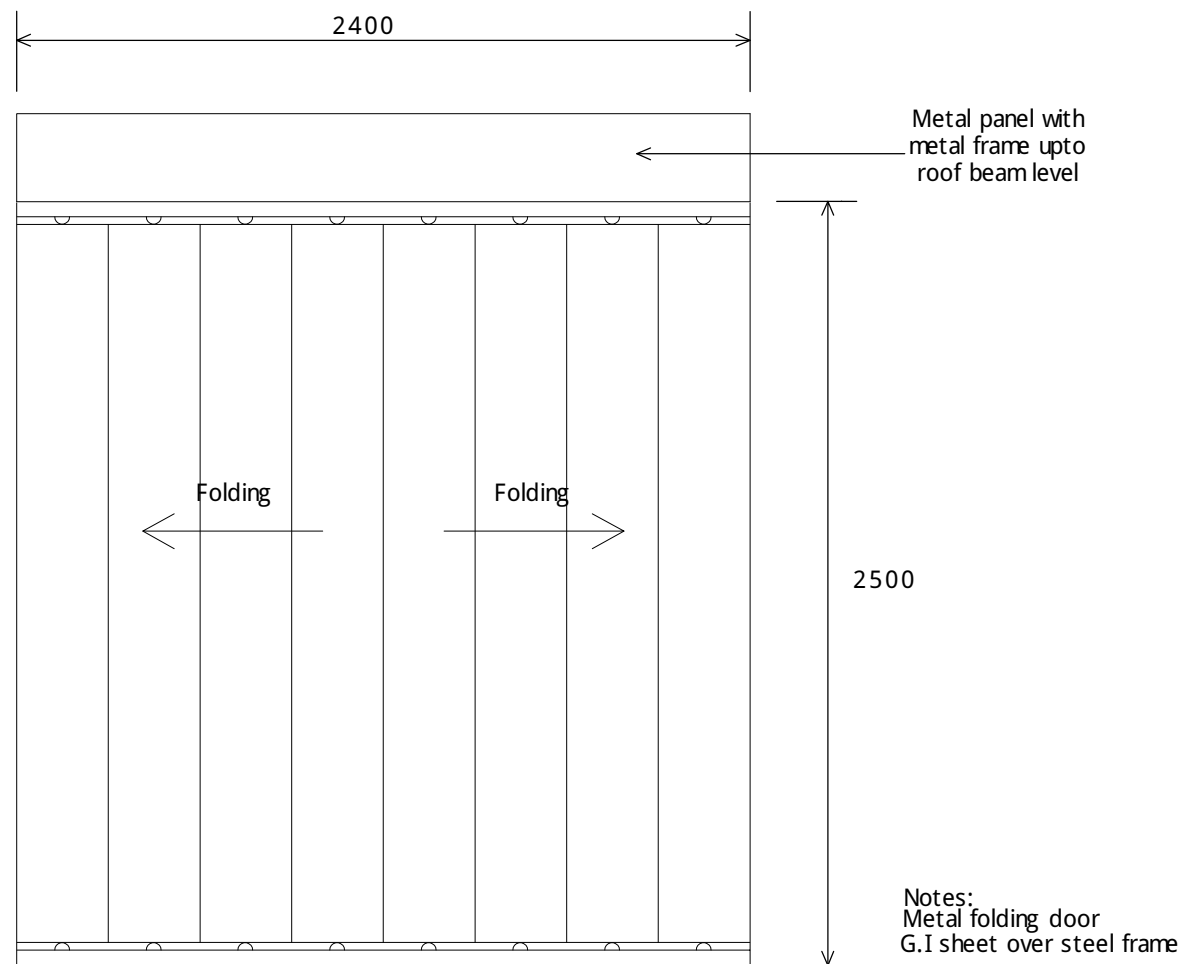
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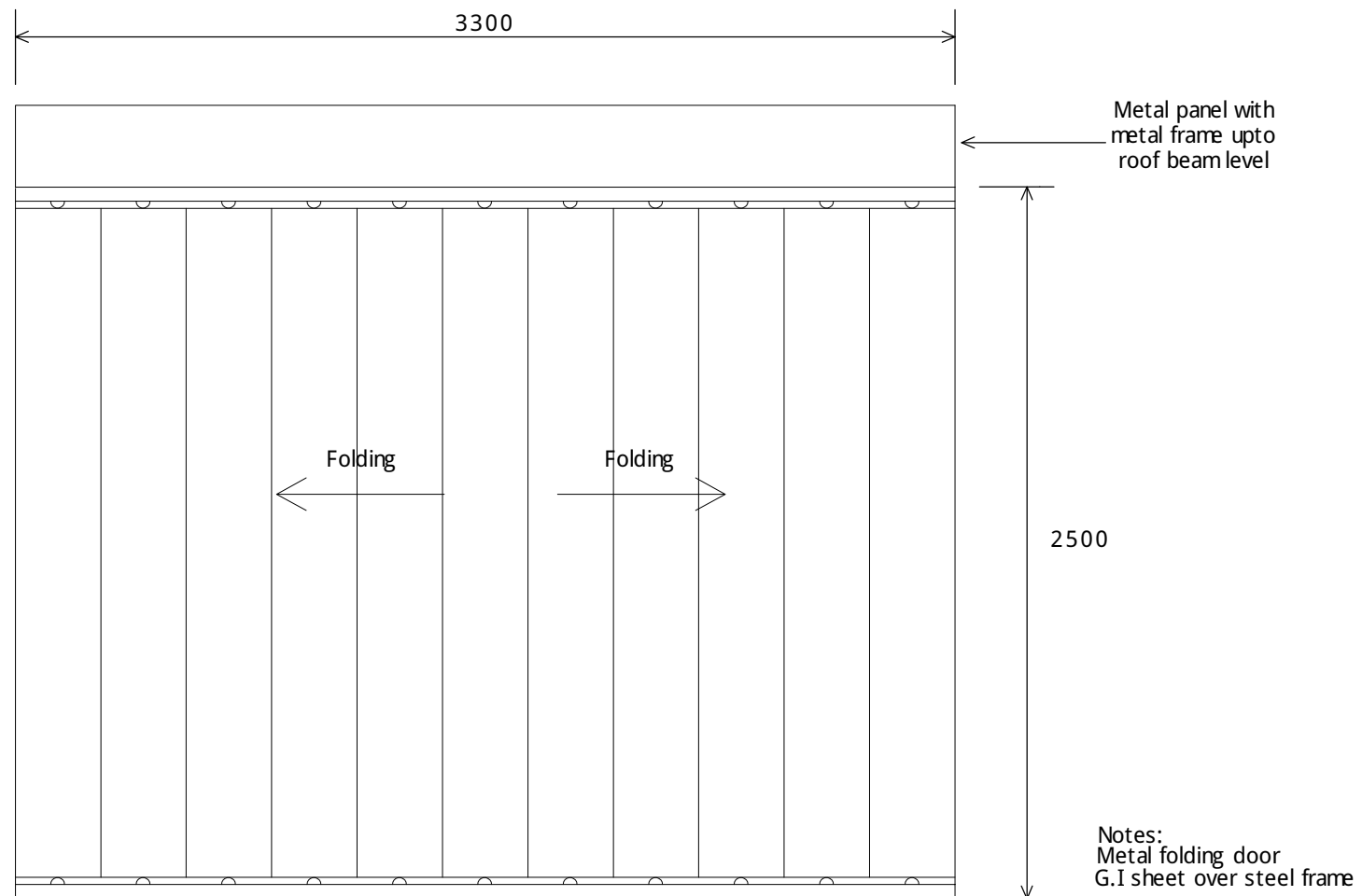
LINTEL BEAM



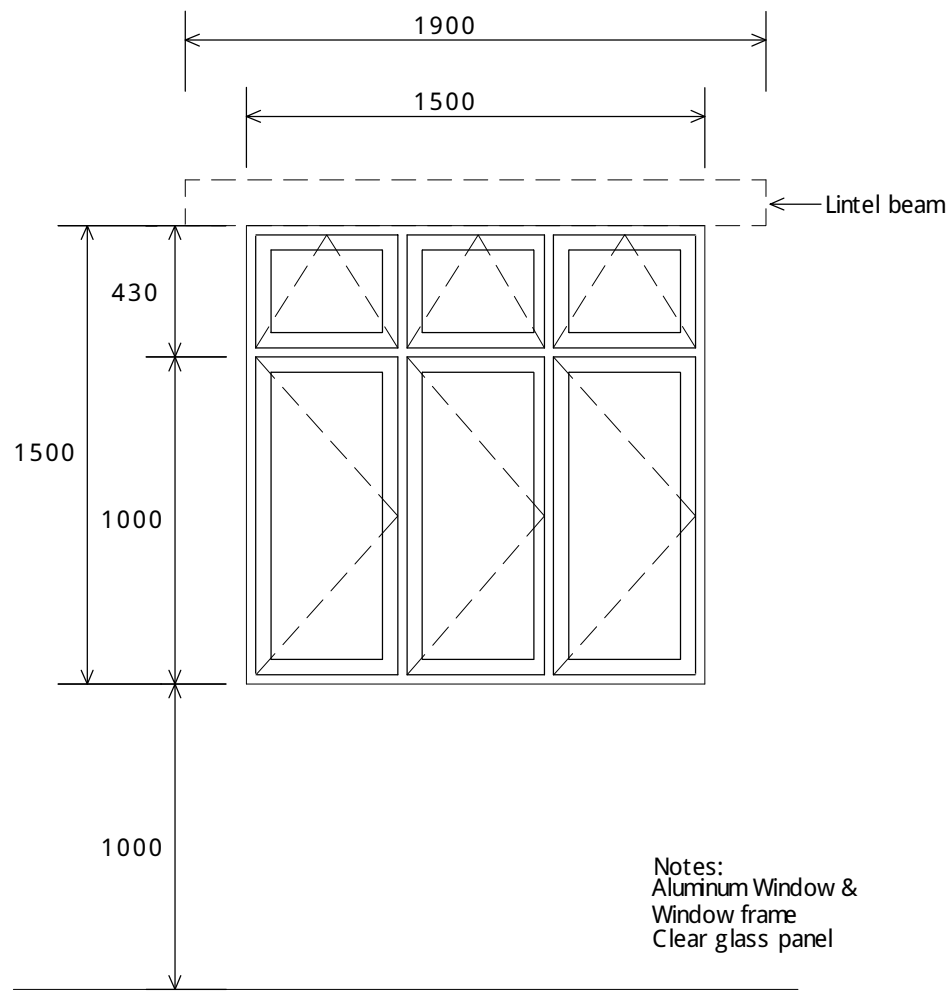
DOOR D1



DOOR R1

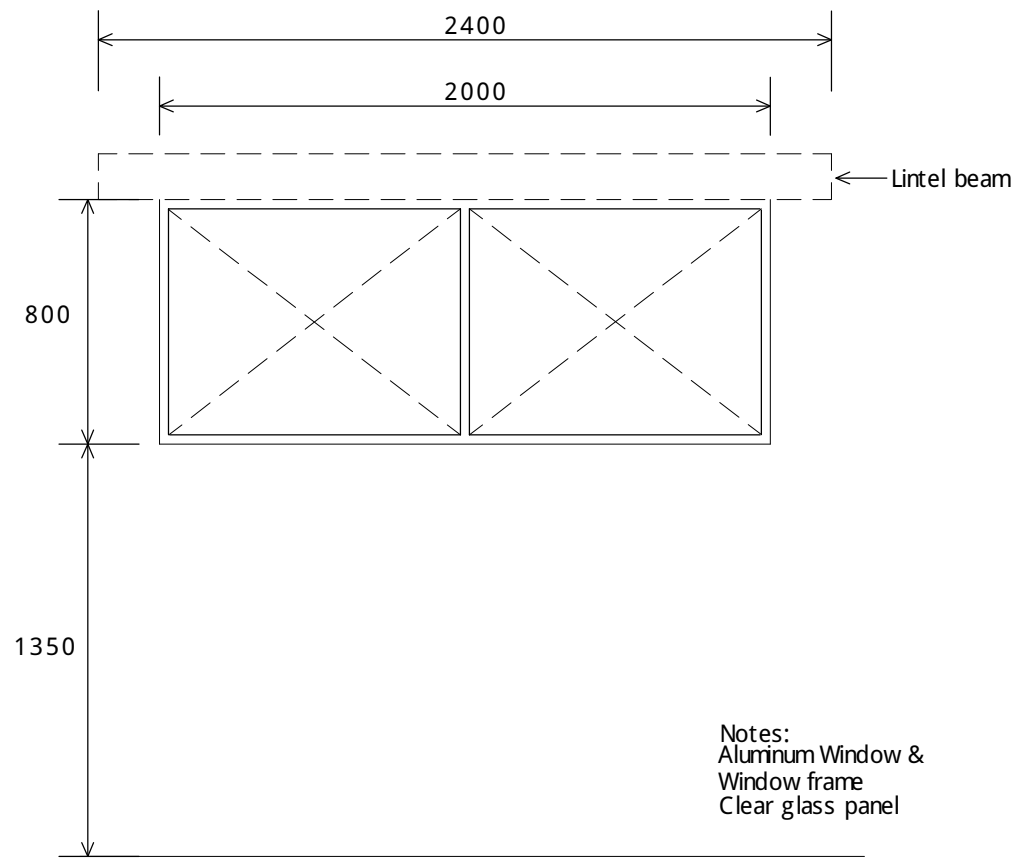


DOOR R2



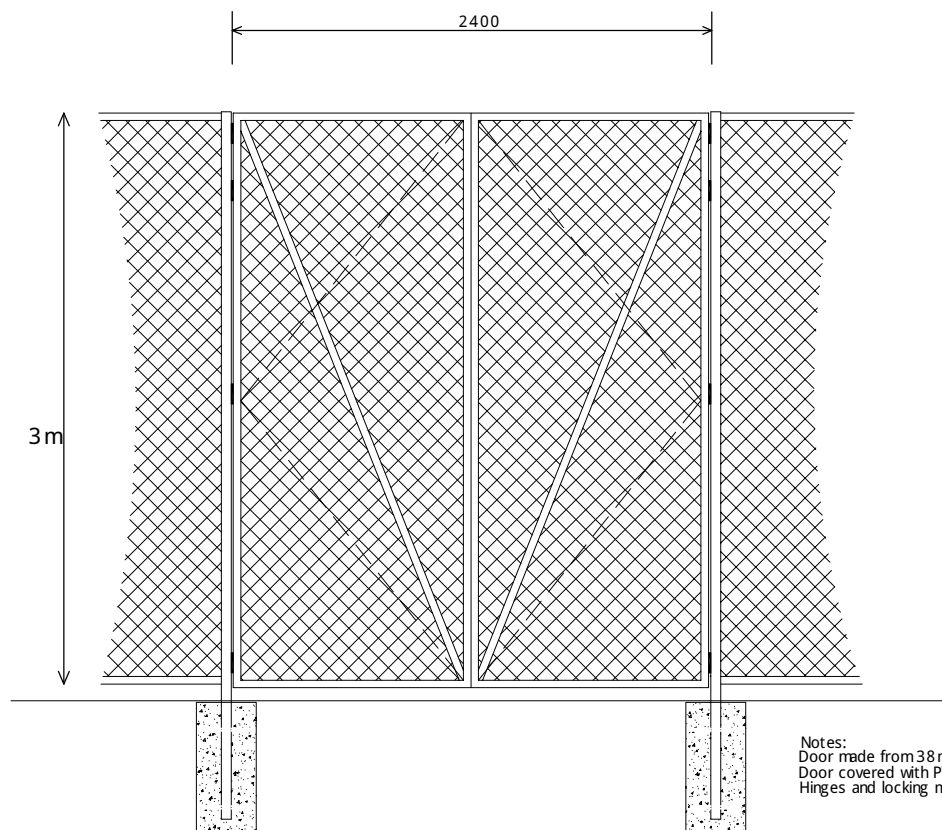
WINDOW W1

Notes:
Aluminum Window &
Window frame
Clear glass panel



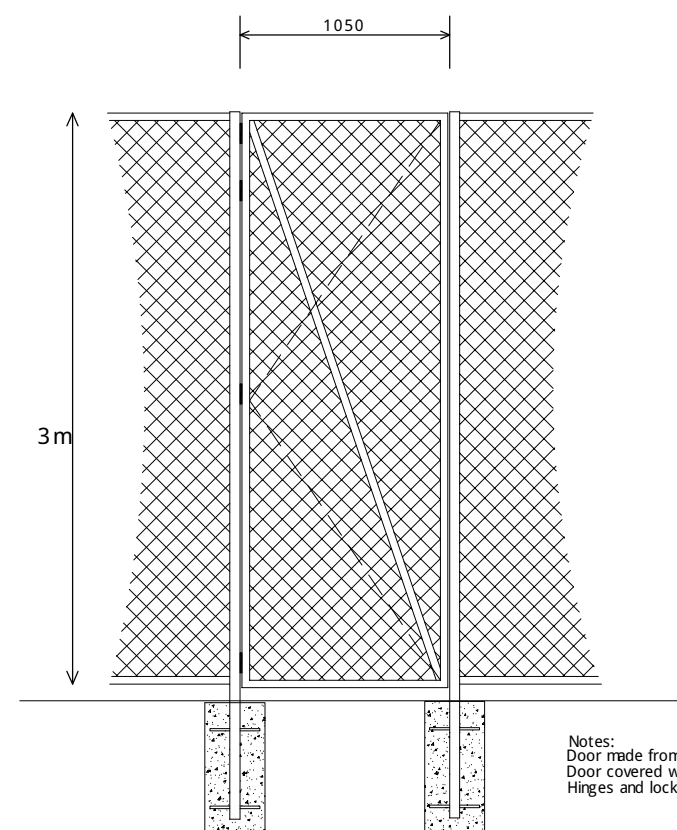
WINDOW W2

Notes:
Aluminum Window &
Window frame
Clear glass panel



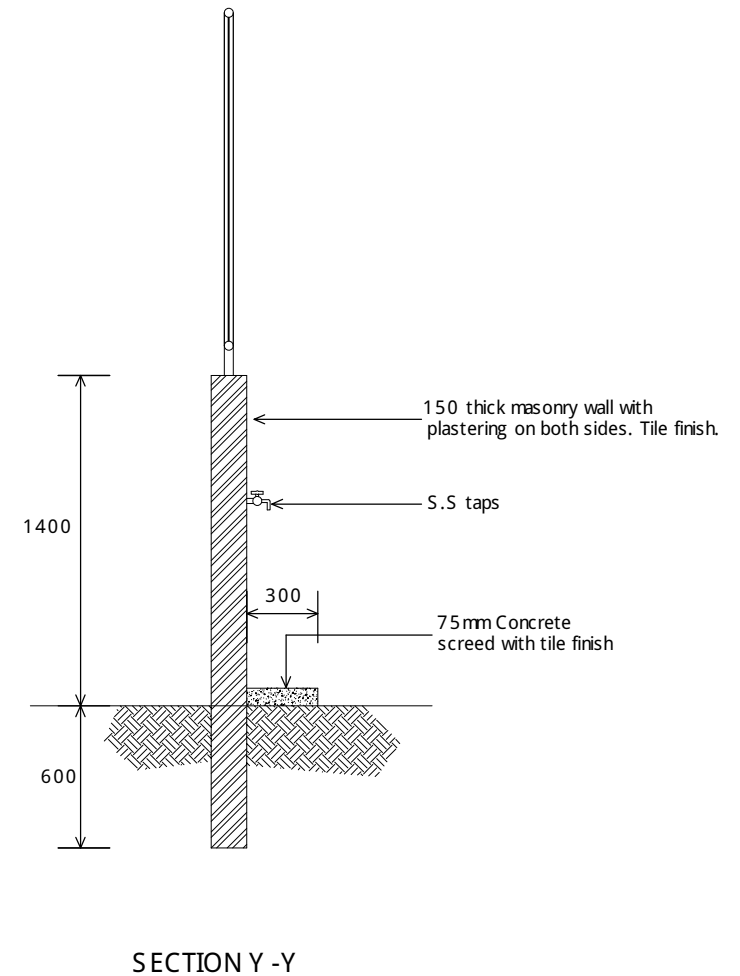
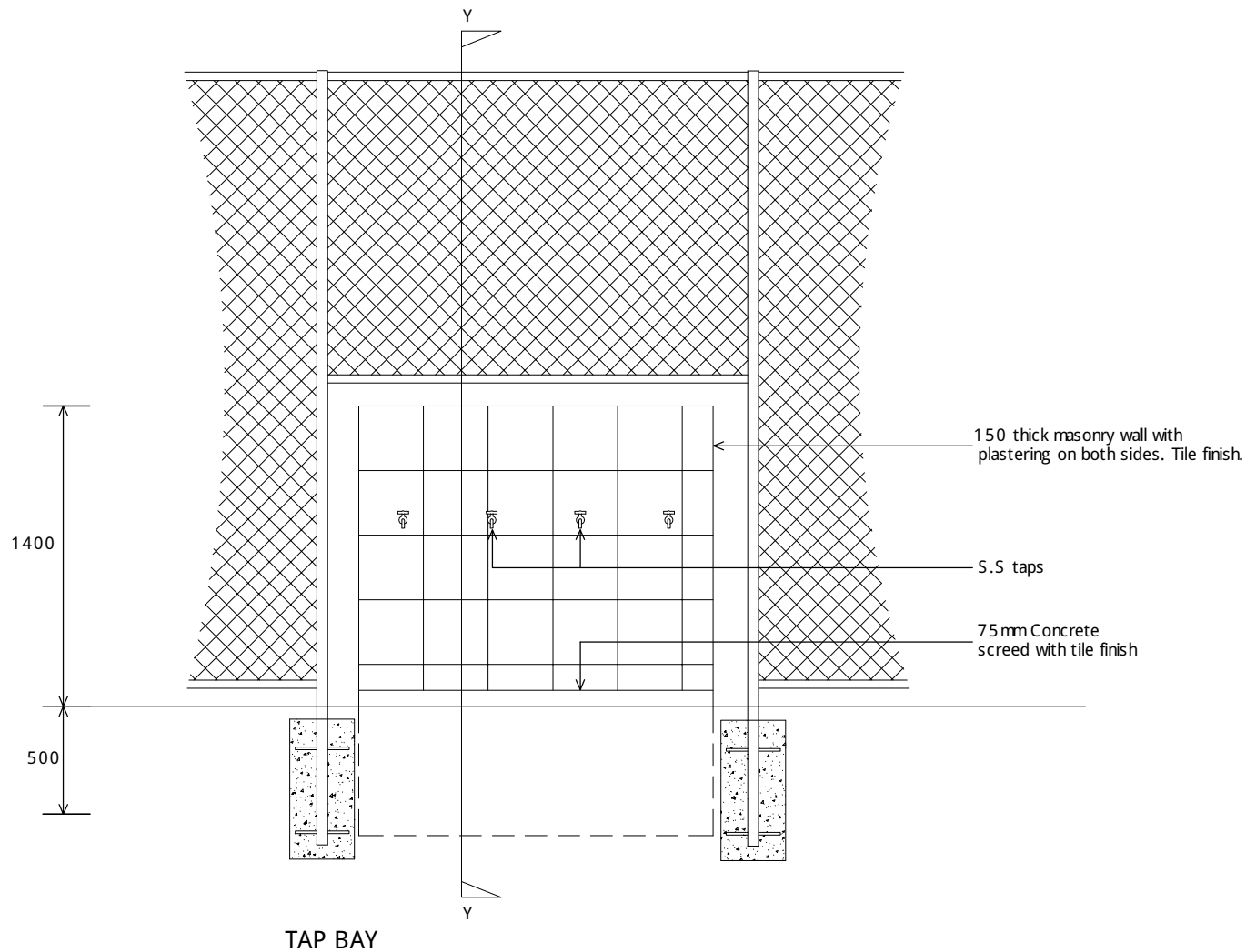
DOOR G1

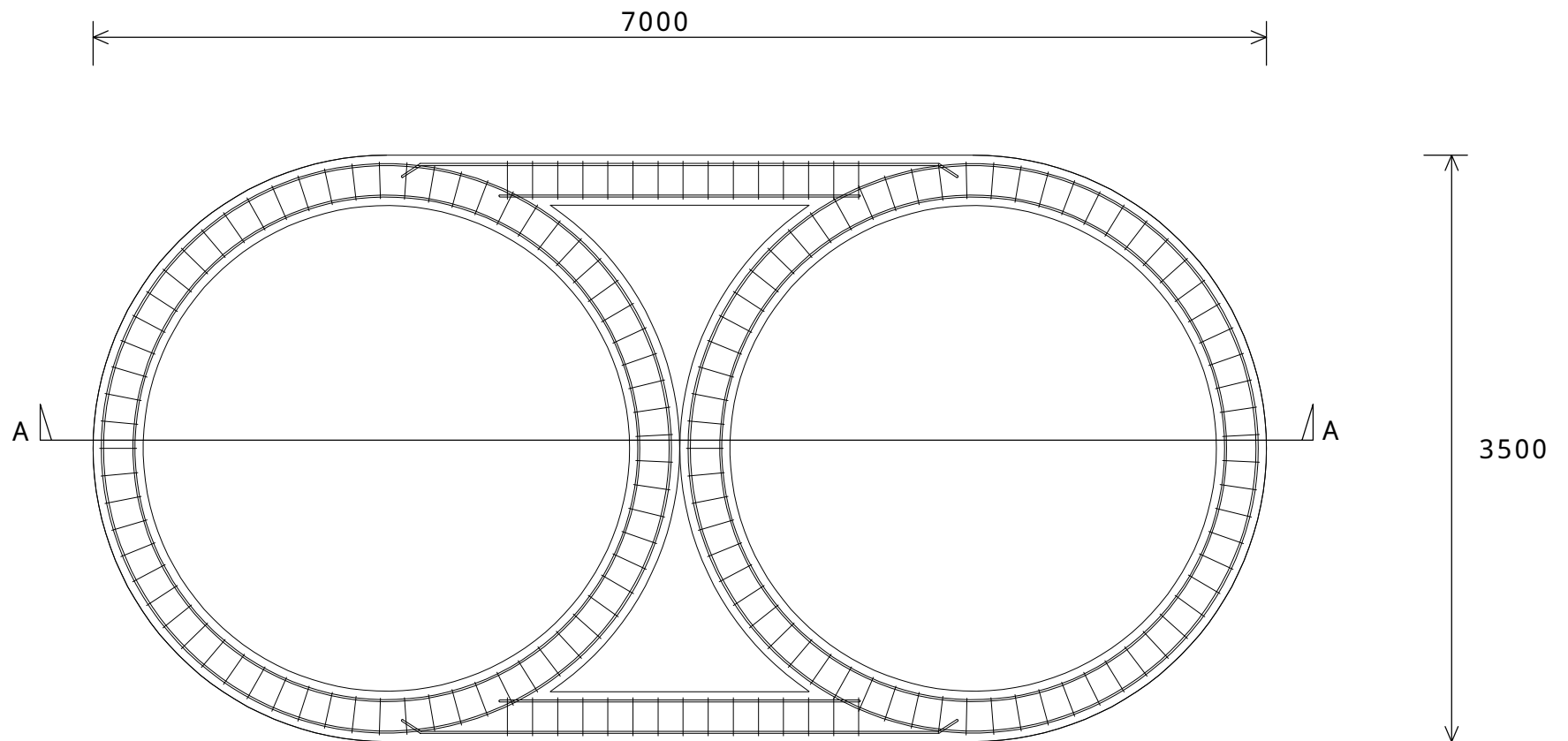
Notes:
Door made from 38mm G.I Pipe
Door covered with PVC coated wire mesh
Hinges and locking mechanism to be provided



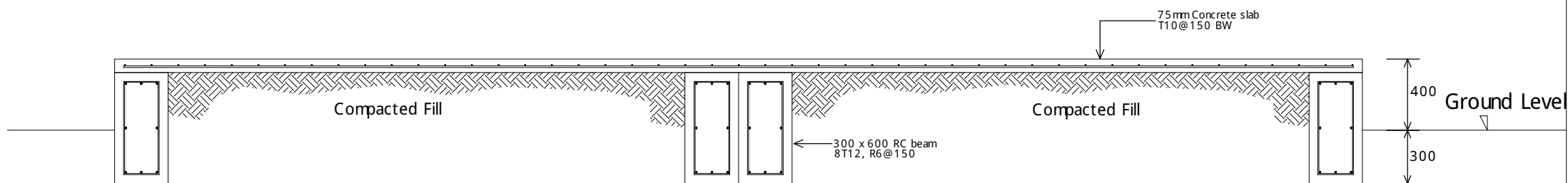
DOOR G2

Notes:
Door made from 38mm G.I Pipe
Door covered with PVC coated wire mesh
Hinges and locking mechanism to be provided

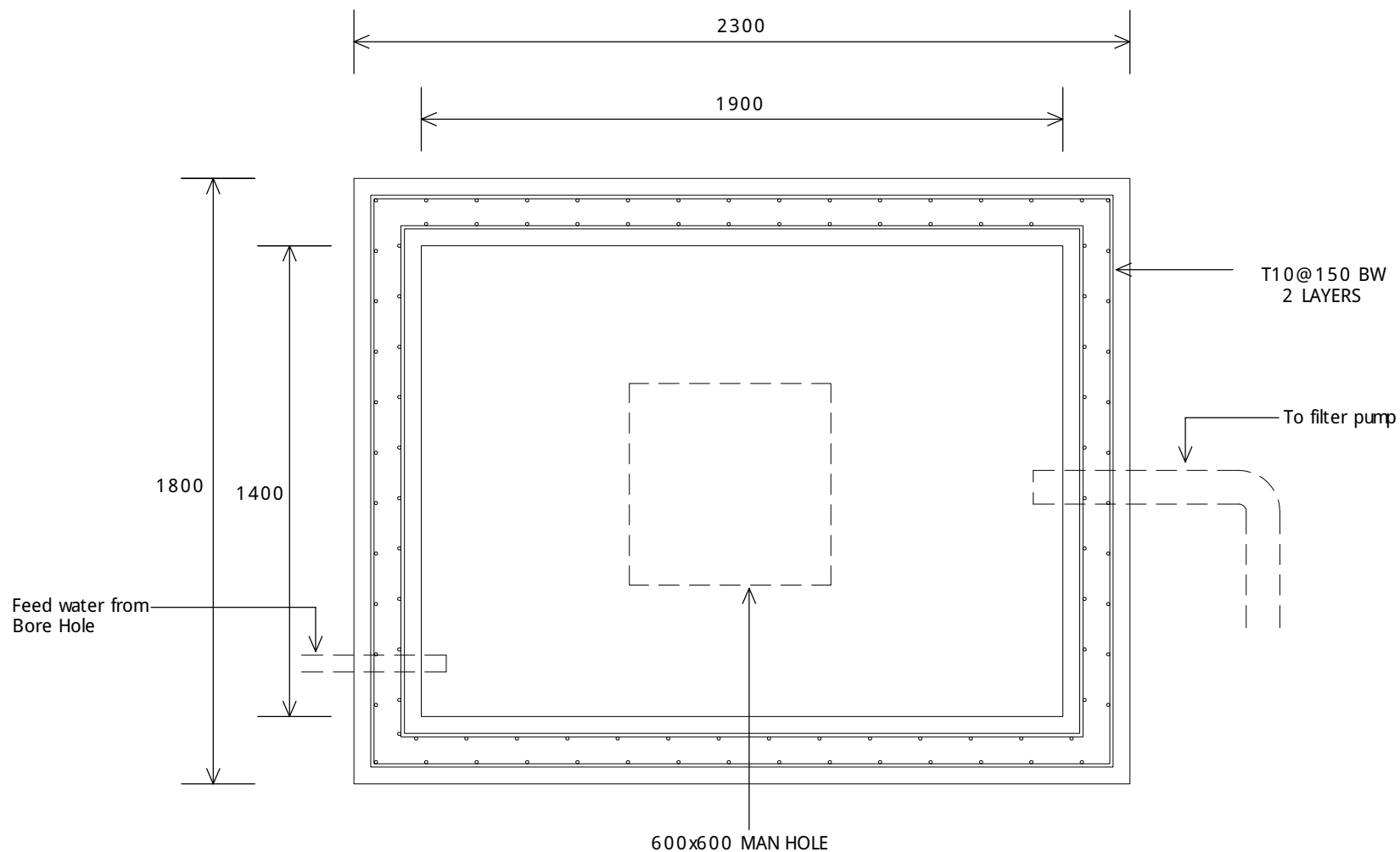




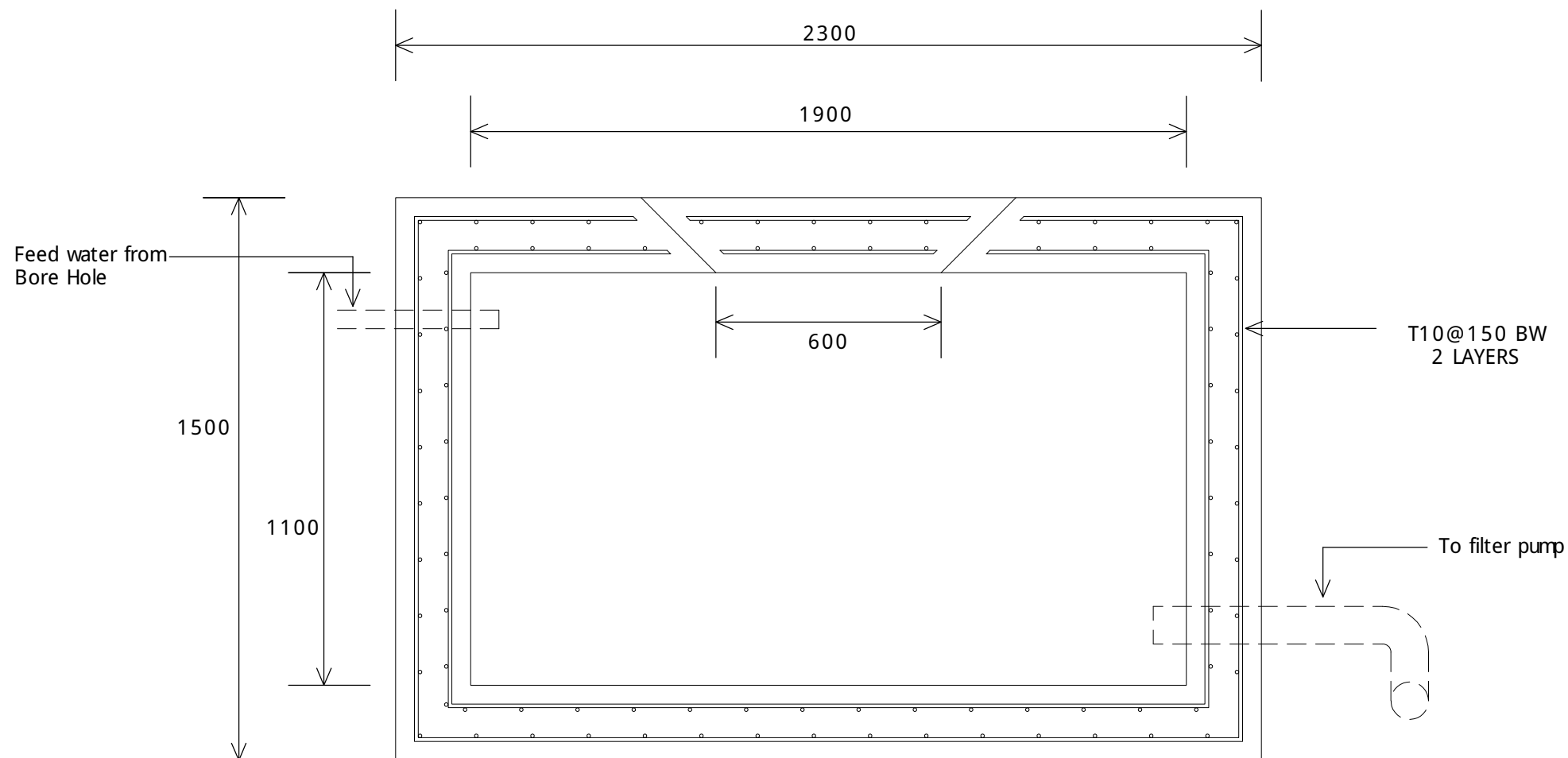
STORAGE TANK FOUNDATION
PLAN



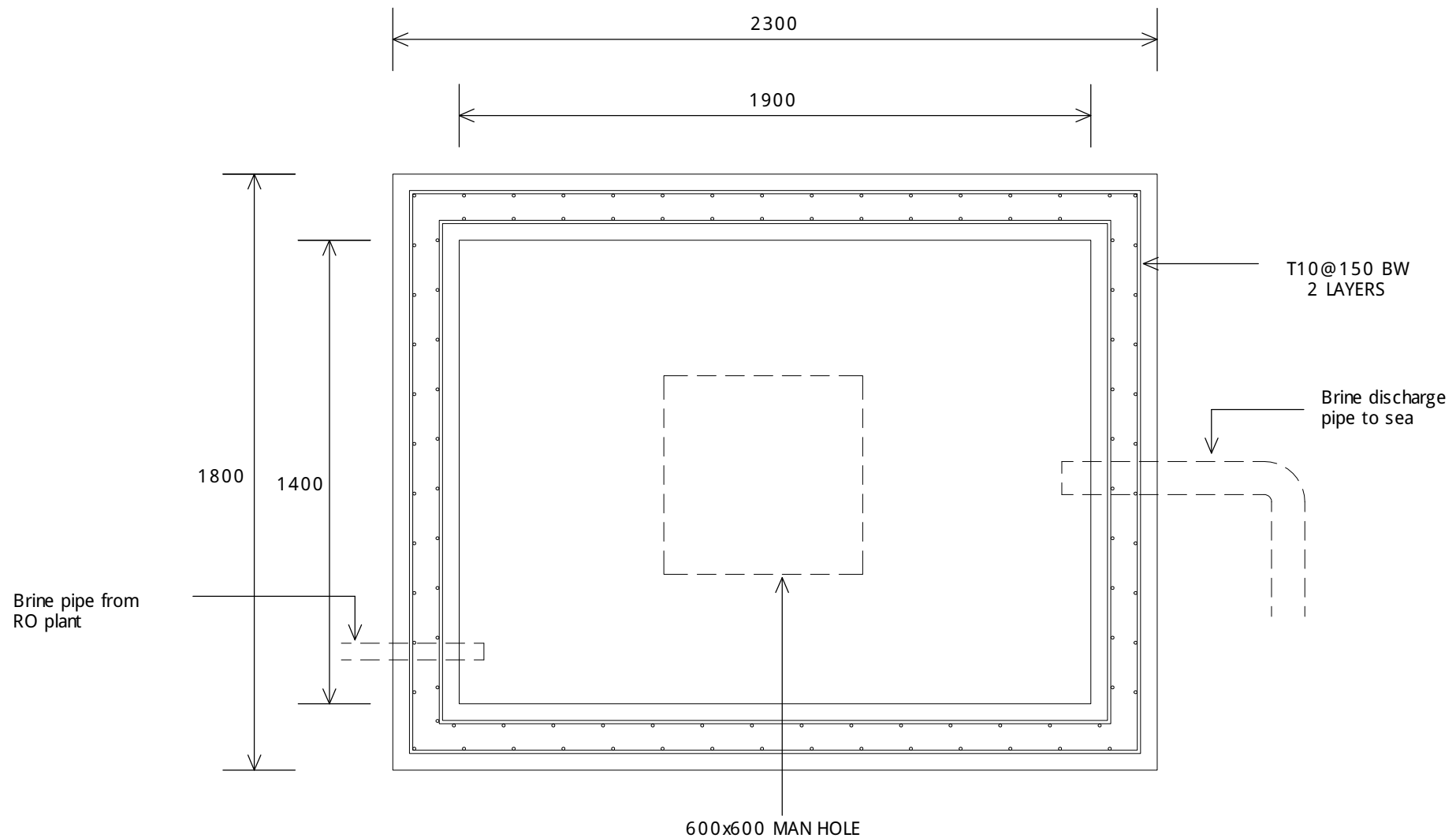
STORAGE TANK FOUNDATION
SECTION A-A



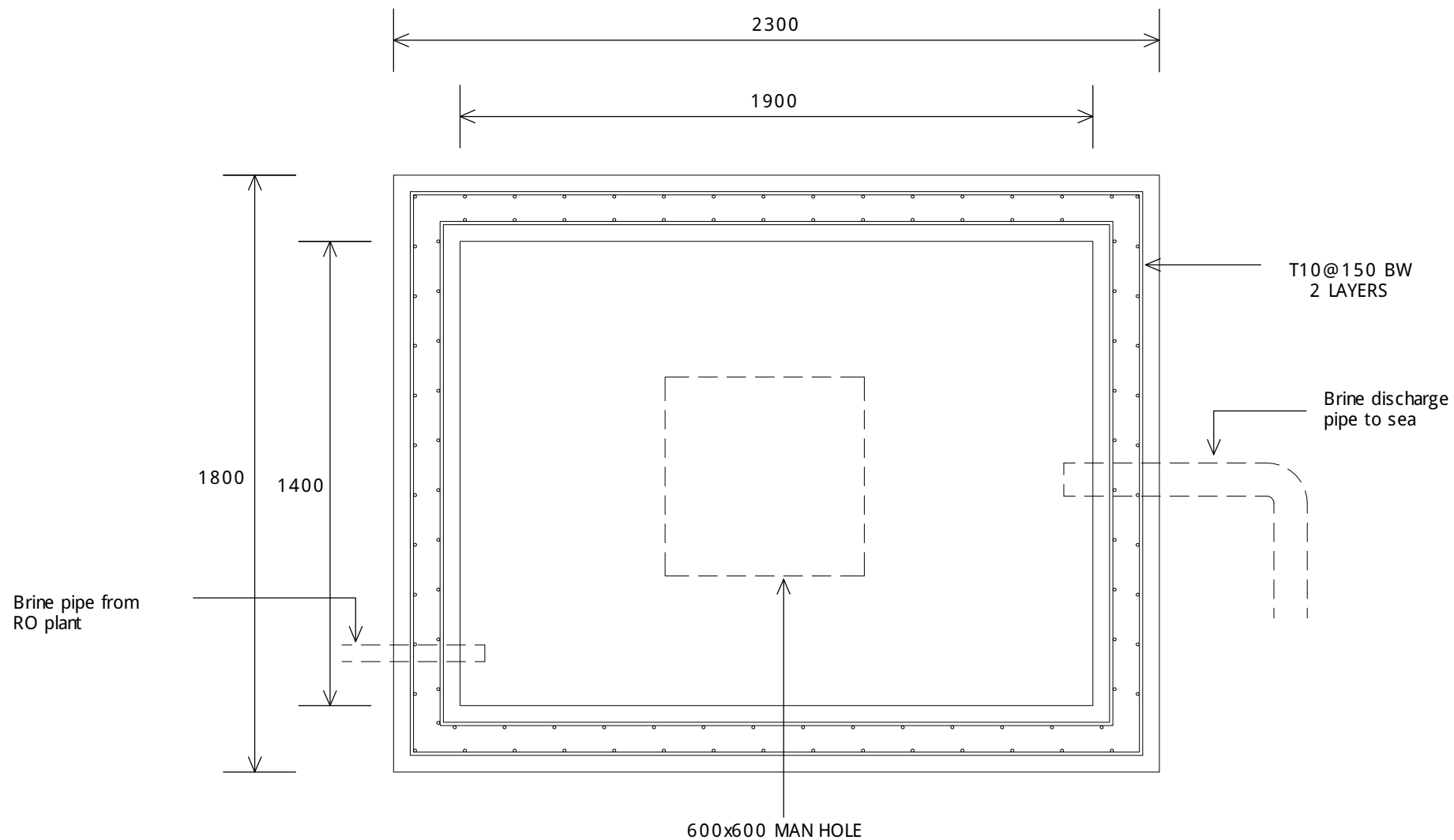
**FEED WATER TANK
PLAN**



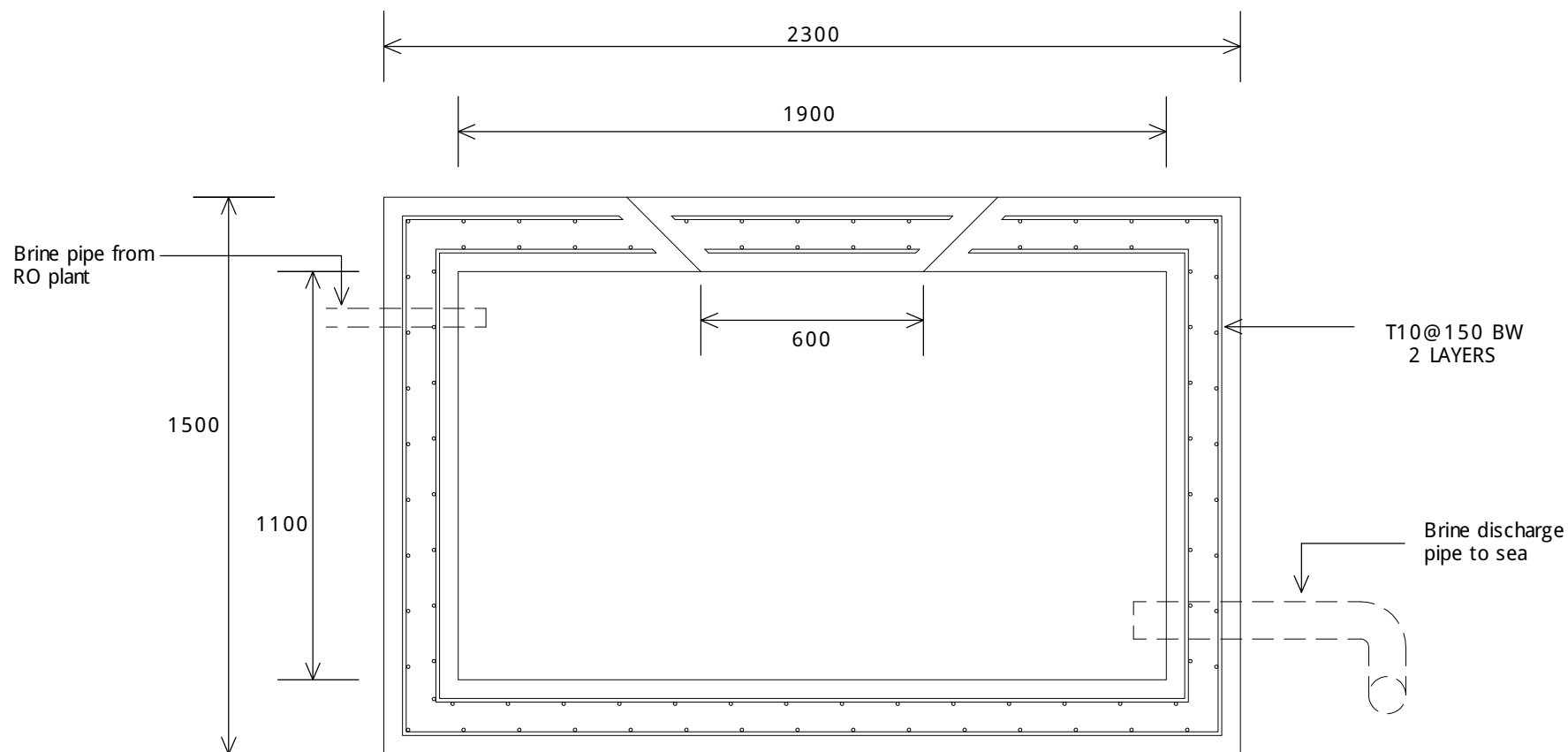
**FEED WATER TANK
SECTION**



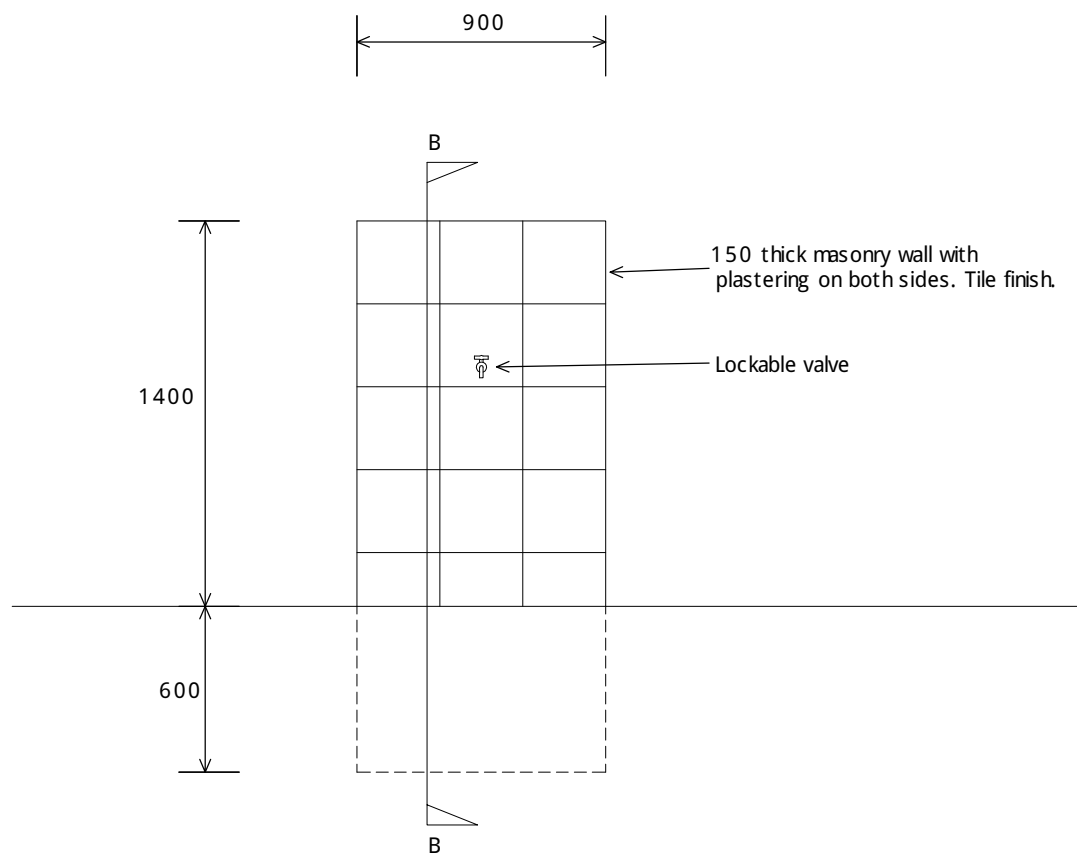
REJECT WATER TANK
PLAN



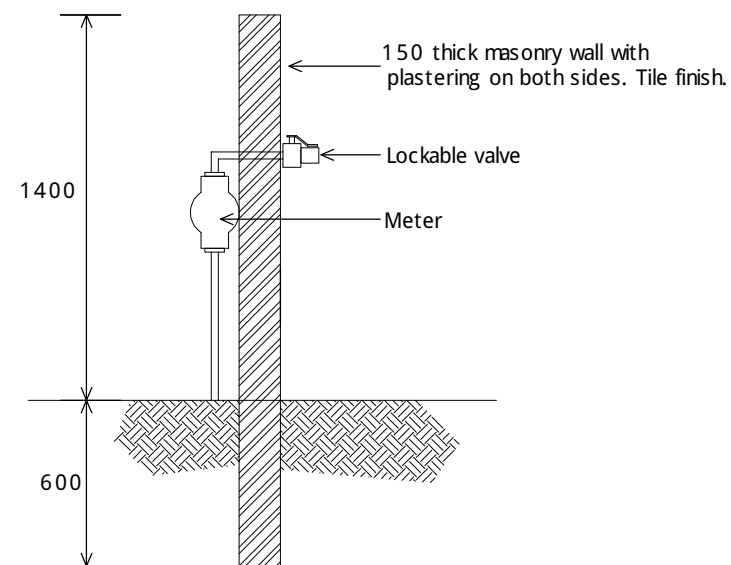
REJECT WATER TANK
PLAN



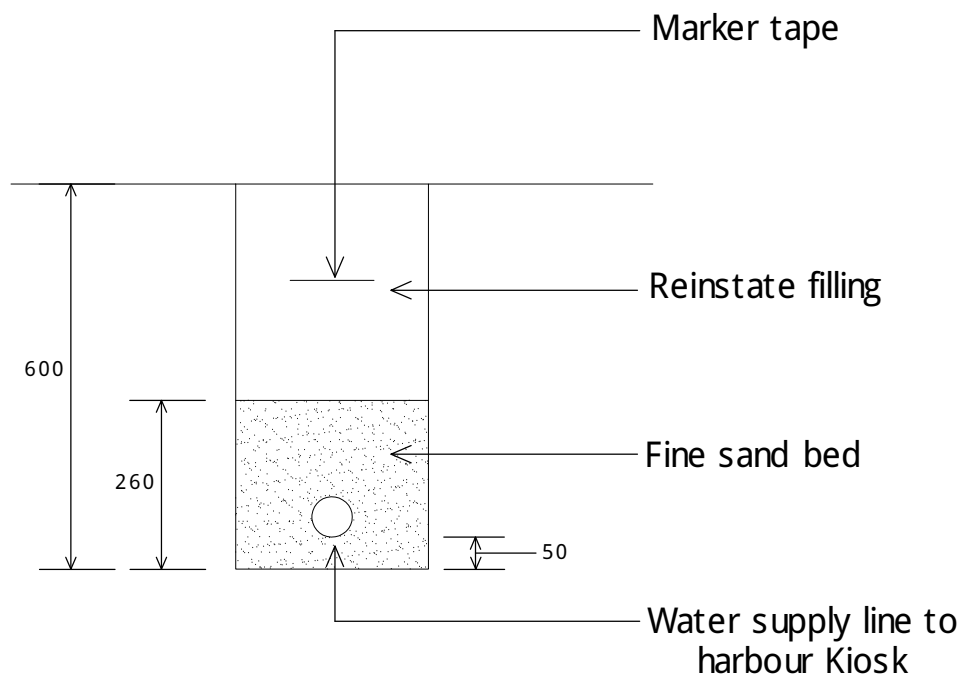
REJECT WATER TANK
SECTION



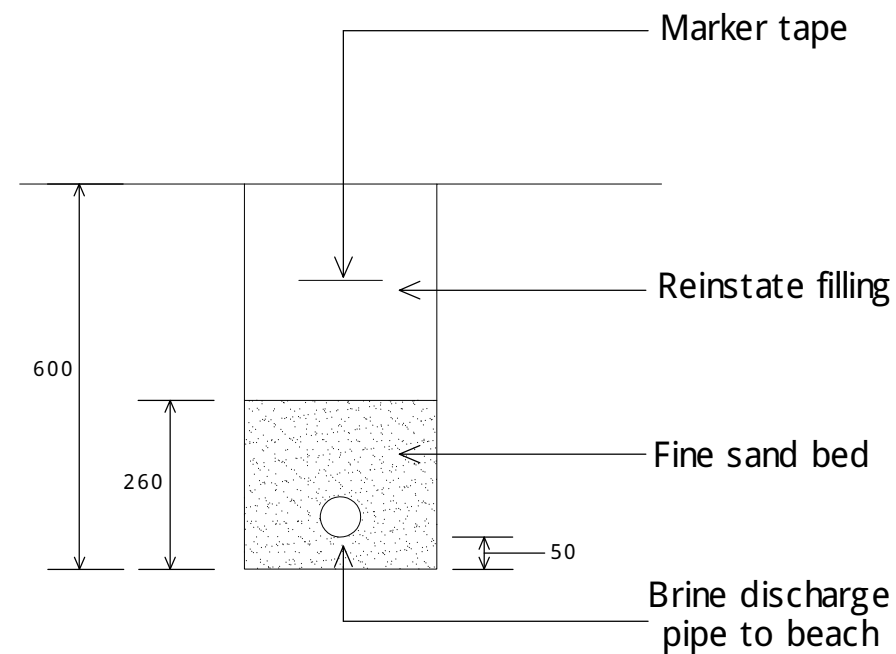
HARBOUR KIOSK



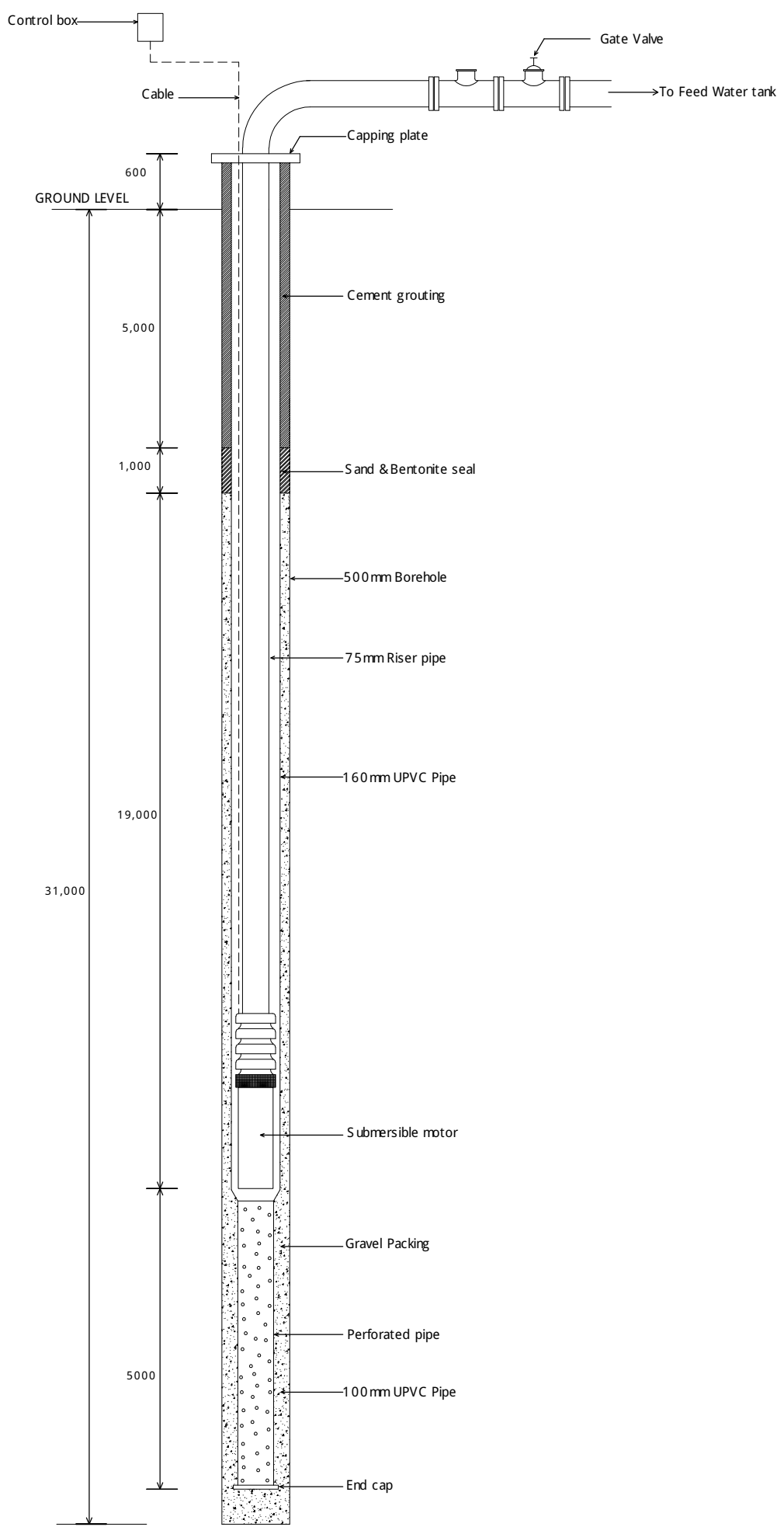
HARBOUR KIOSK
SECTION B - B



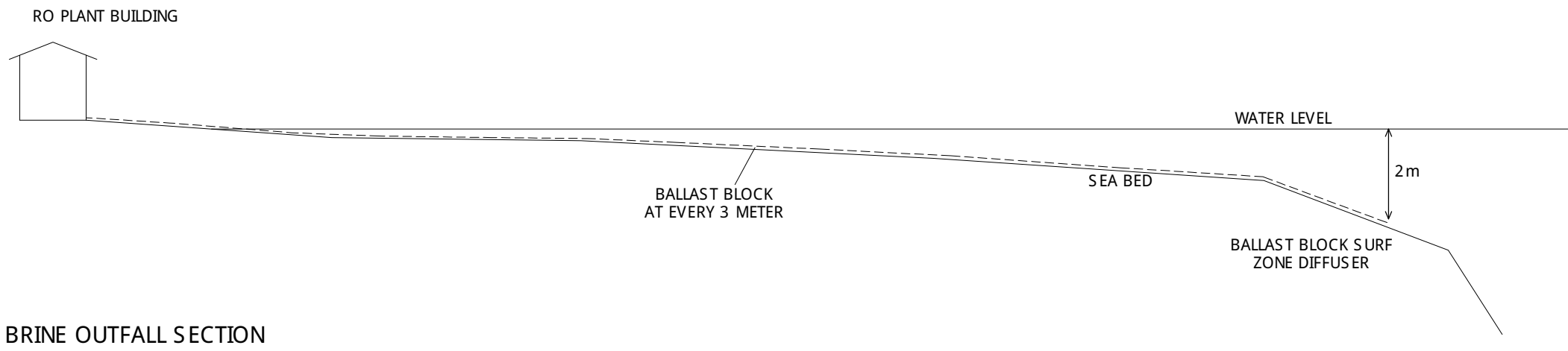
PIPE TRENCH DETAIL FOR HARBOUR KIOSK

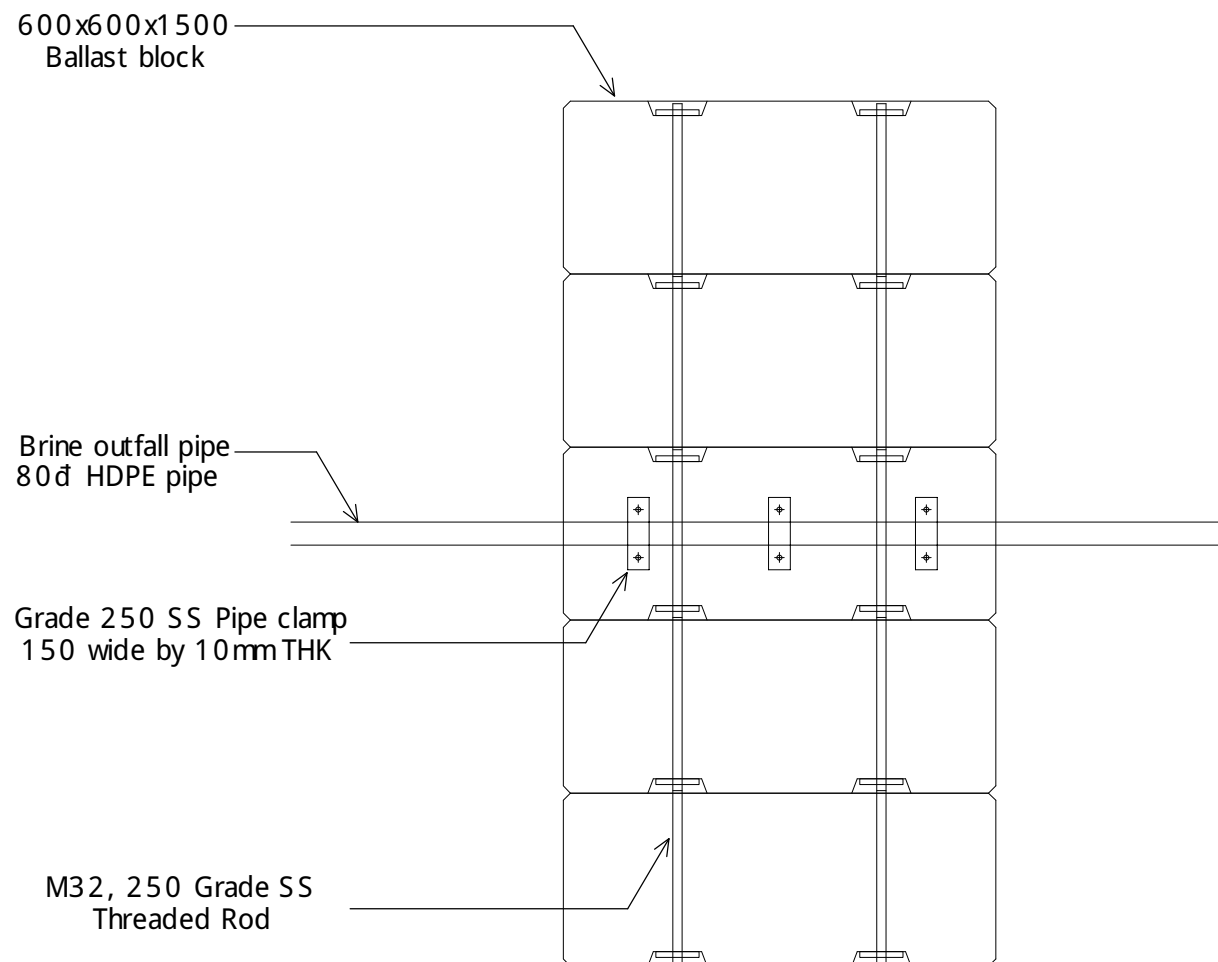


PIPE TRENCH DETAIL FOR BRINE DISCHARGE PIPE

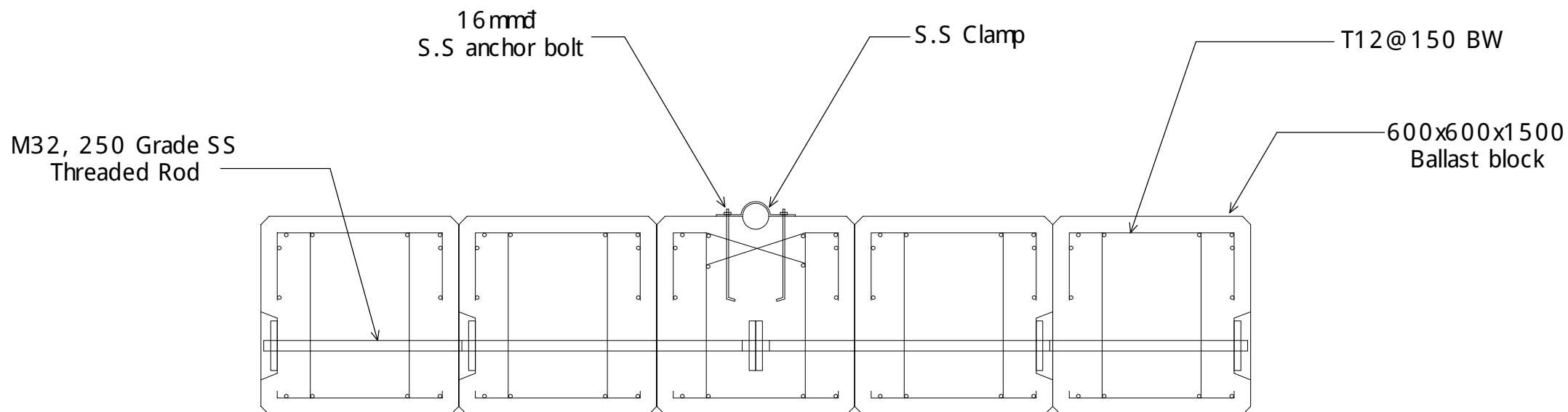


BORE WELL DETAIL

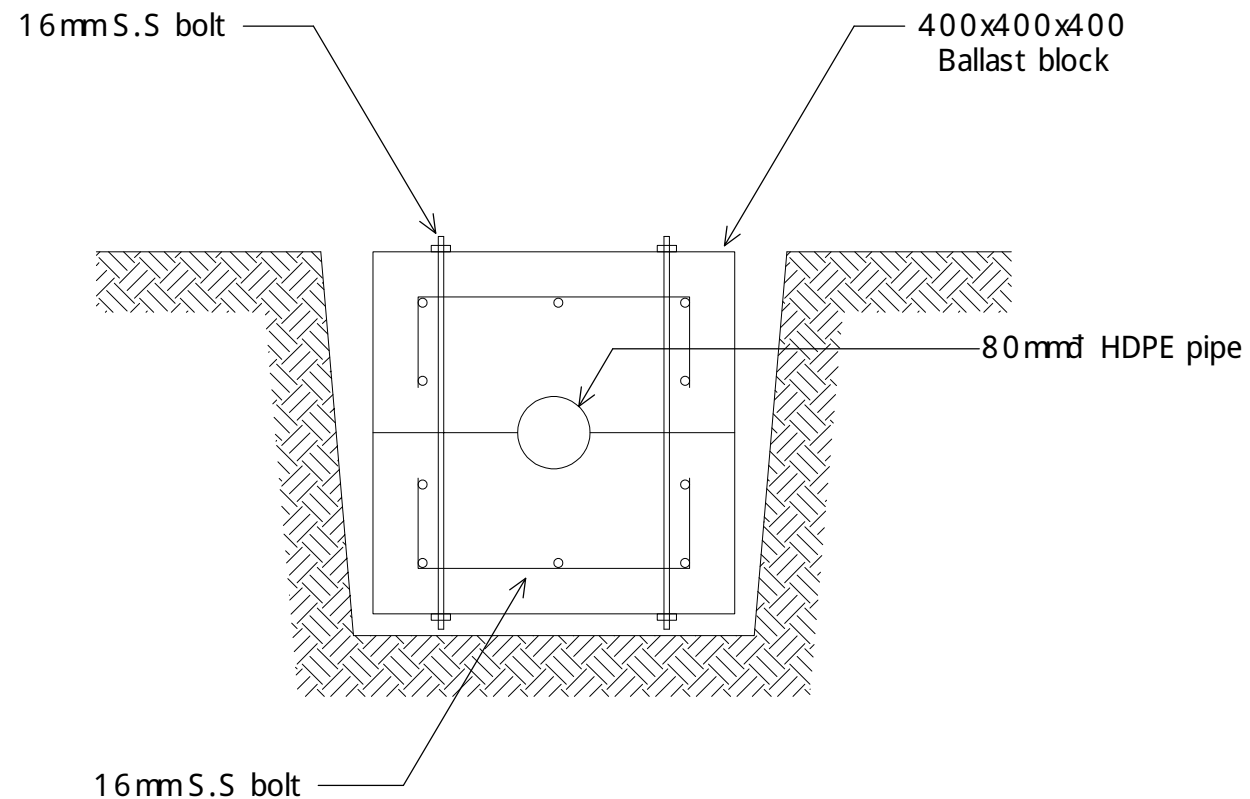




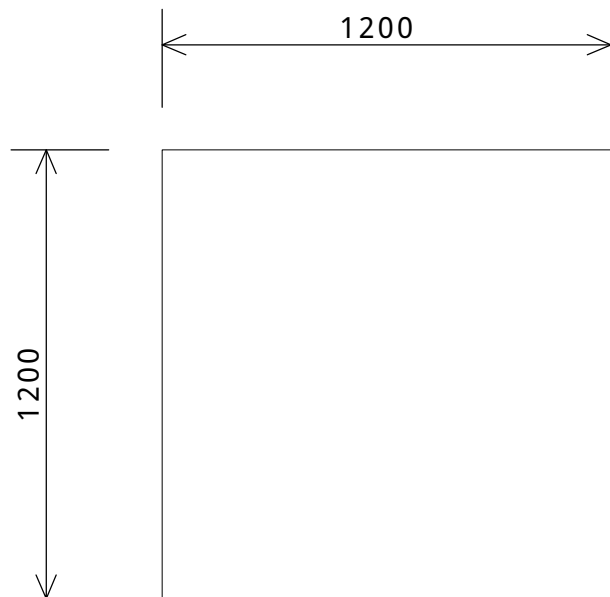
BALLAST BLOCK - PLAN
SURF ZONE DIFFUSER



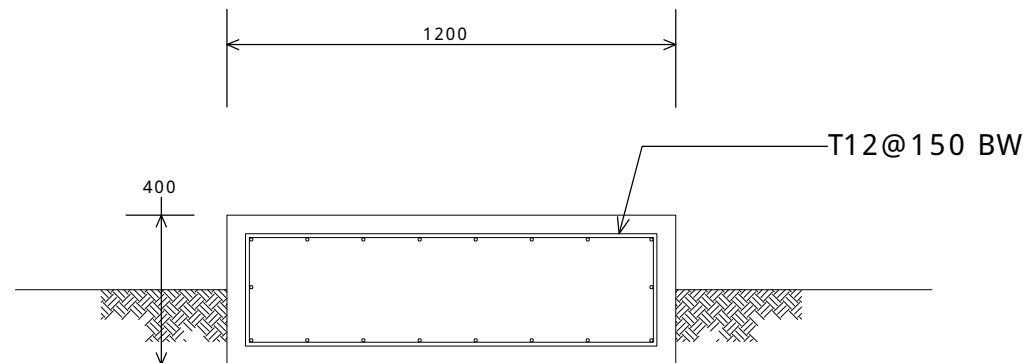
BALLAST BLOCK - SECTION SURF ZONE DIFFUSER



BALLAST BLOCK NEARS HORE



BACKWASH TANK FOUNDATION
PLAN



BACKWASH TANK FOUNDATION
SECTION