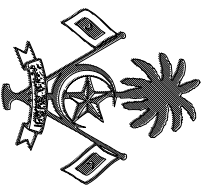


PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

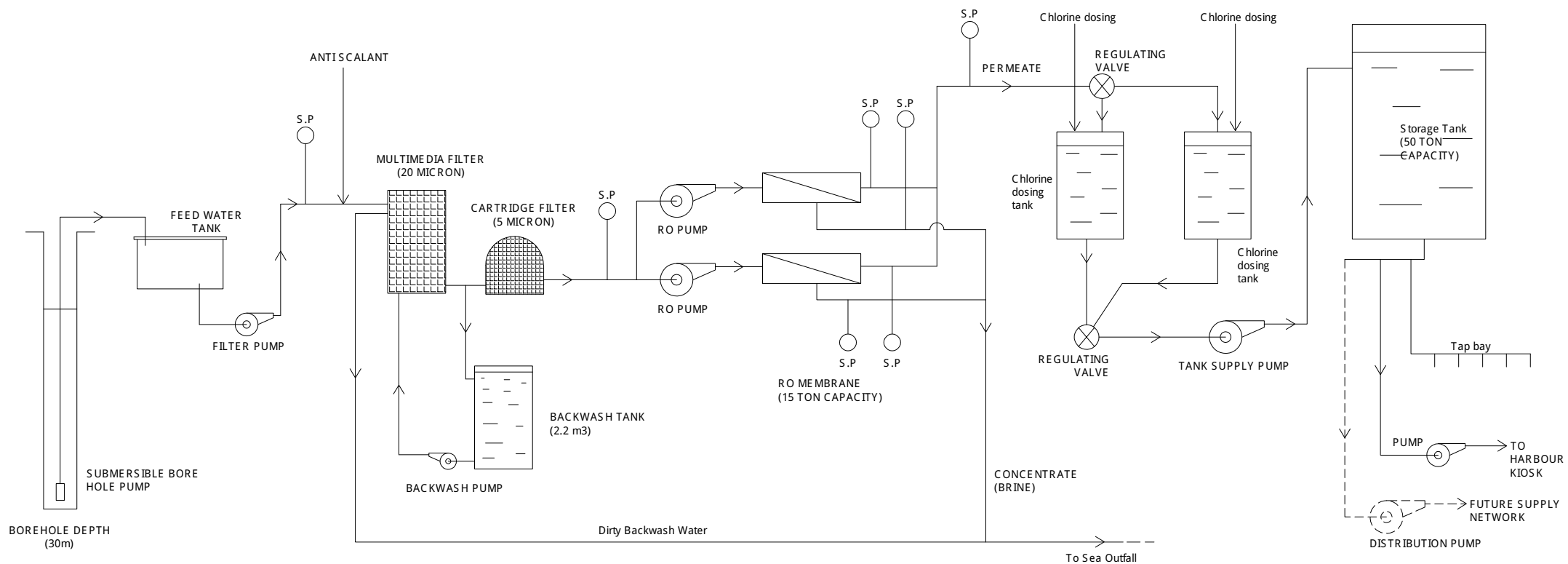
RO PLANT BUILDING AND WATER SUPPLY FACILITY - PACKAGE I

.



WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE 20-01
REPUBLIC OF MALDIVES



S.P. = Sampling Point

RO PLANT SCHEMATIC ARRANGEMENT OFID 14 ISLAND WATER SUPPLY PROJECT - PACKAGE 1

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: DEC 2017	
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PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

H.DH KUMUNDHOO RO PLANT BUILDING AND WATER SUPPLY FACILITY



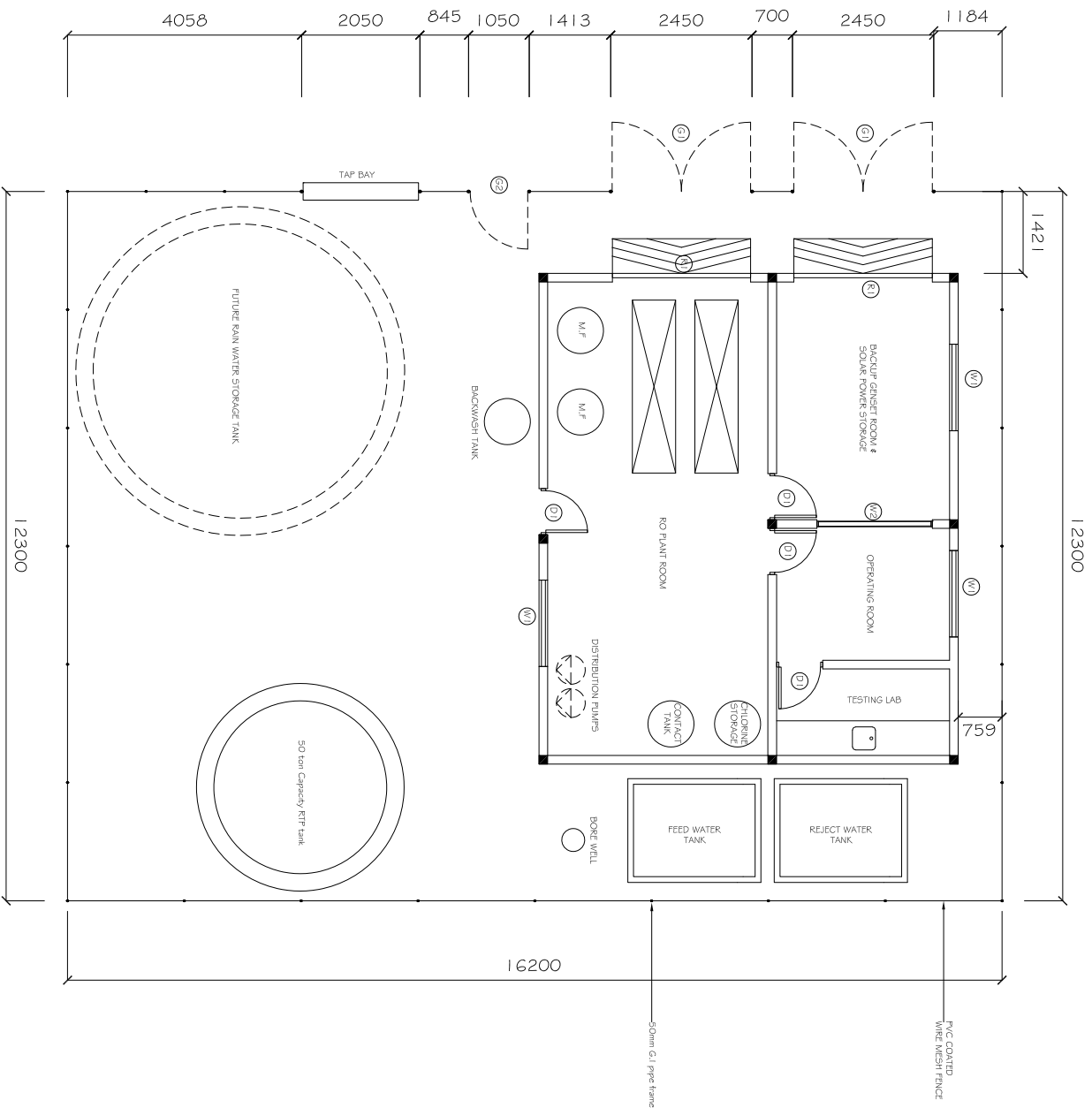
WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE' 20-01
REPUBLIC OF MALDIVES



RO PLANT BUILDING AND CRITICAL
DEVELOPMENTS
H.DH KUMUNDHOO

Google



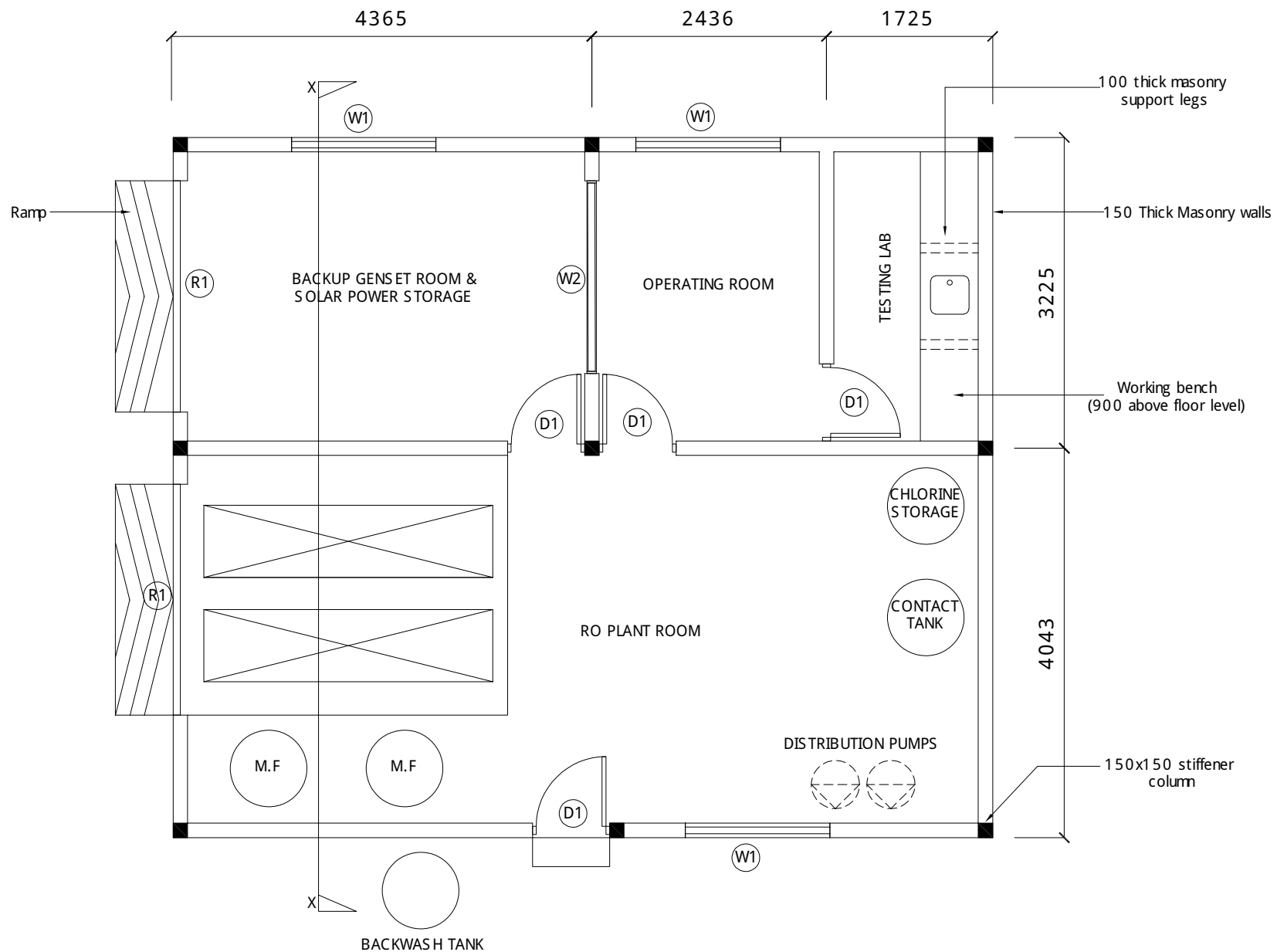
WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING
HAA DHAALU KUMUNDHOO

PROVISION OF WATER SUPPLY SANITATION AND SOLID
WASTE MANAGEMENT PROJECT
OPTIC FUND FOR INTERNATIONAL DEVELOPMENT

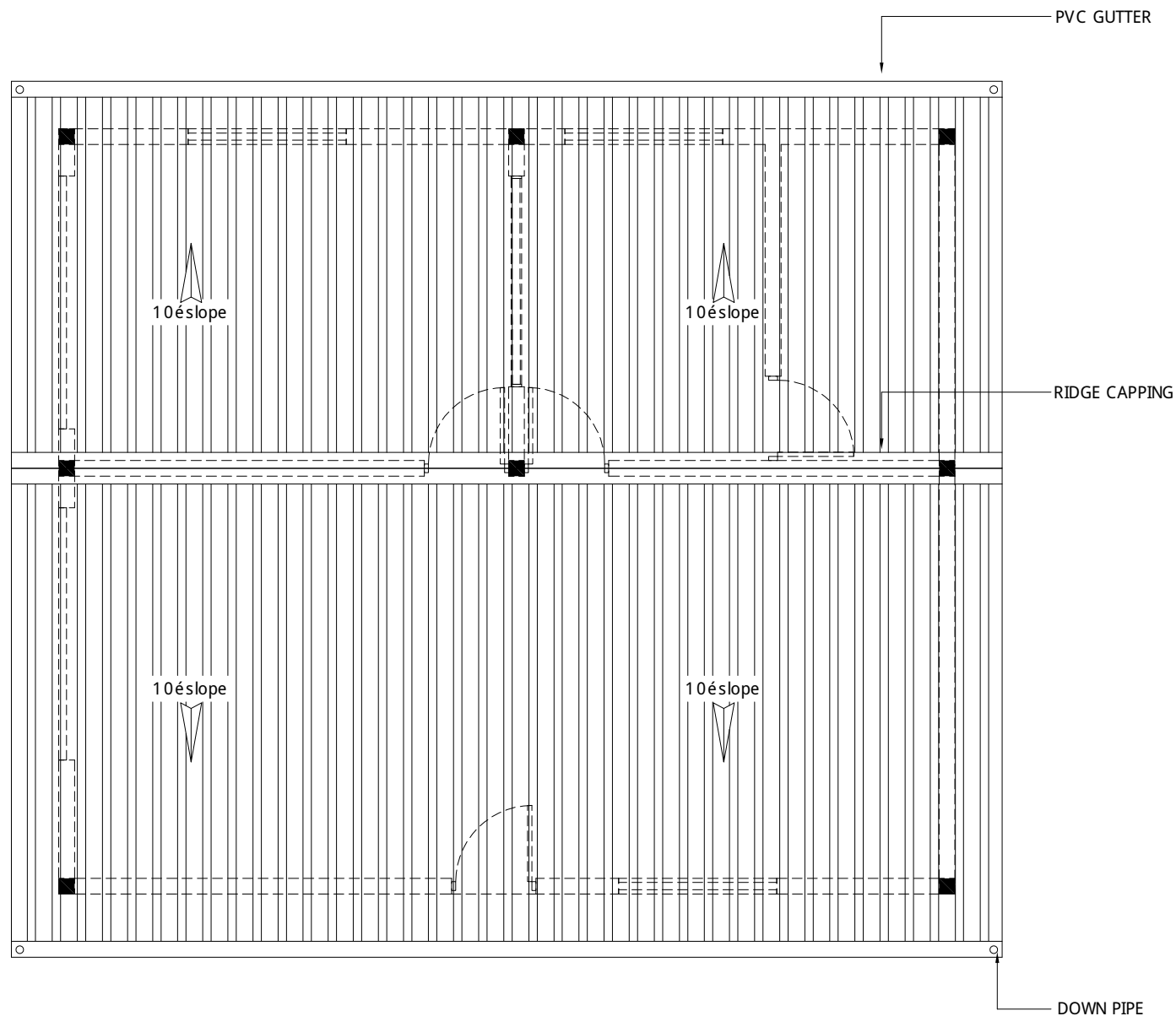
PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: MAR 2017

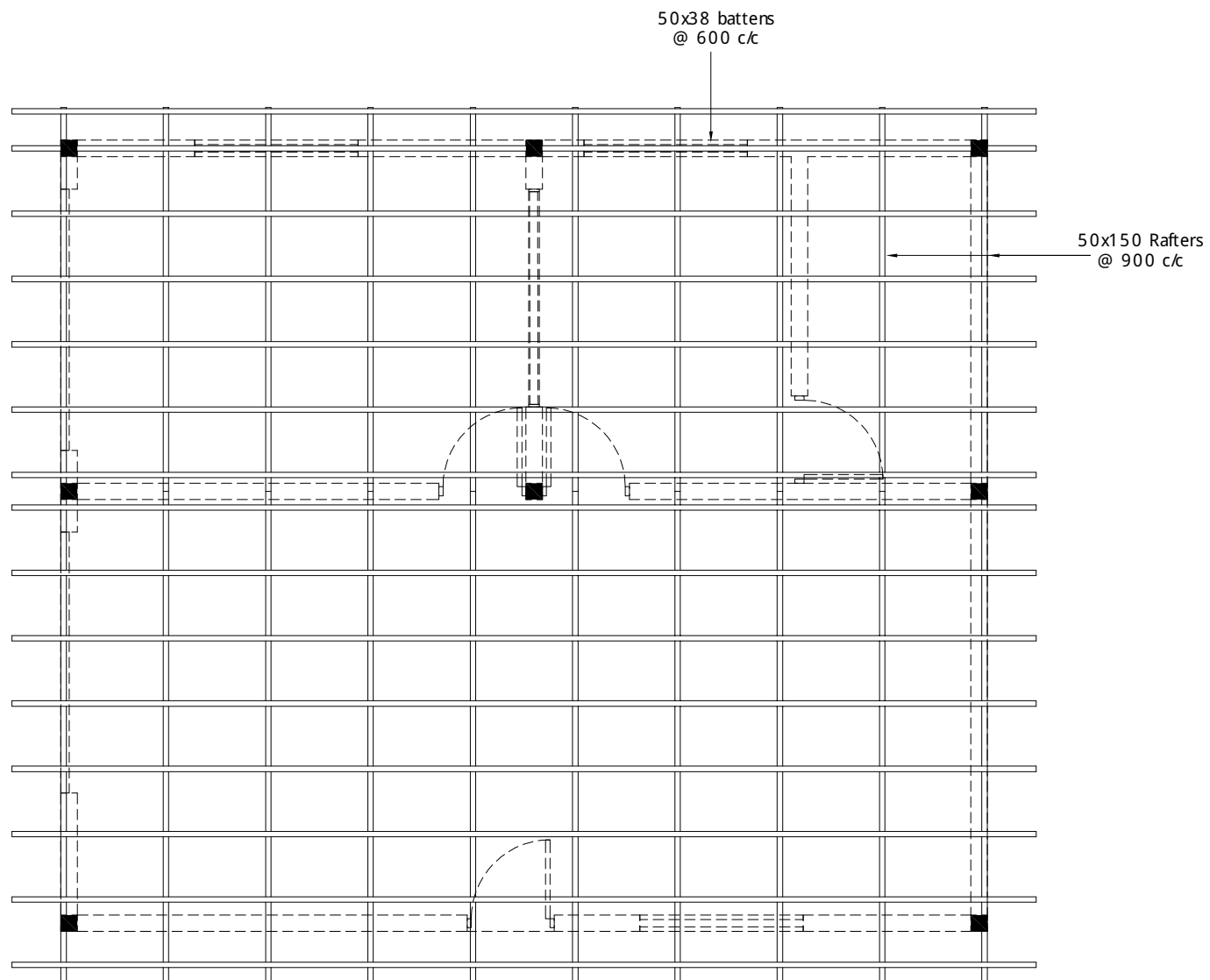




RO PLANT BUILDING
FLOOR PLAN H.DH KUMUNDHOO

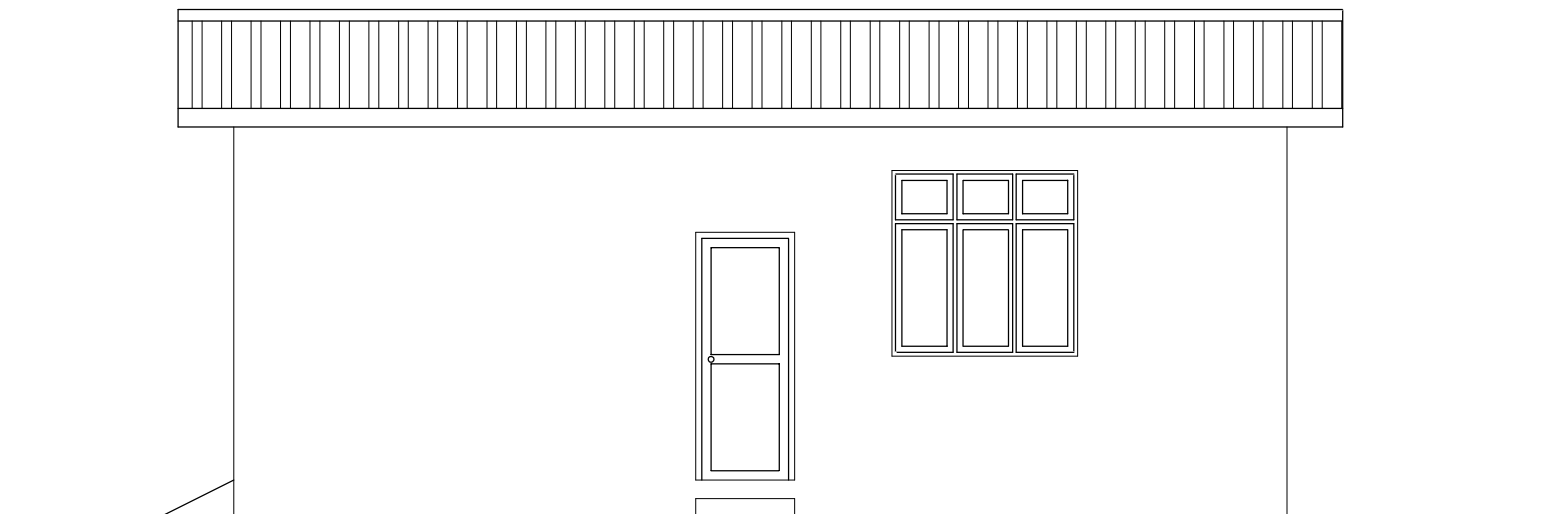


RO PLANT BUILDING
ROOF PLAN H.DH KUMUNDHOO

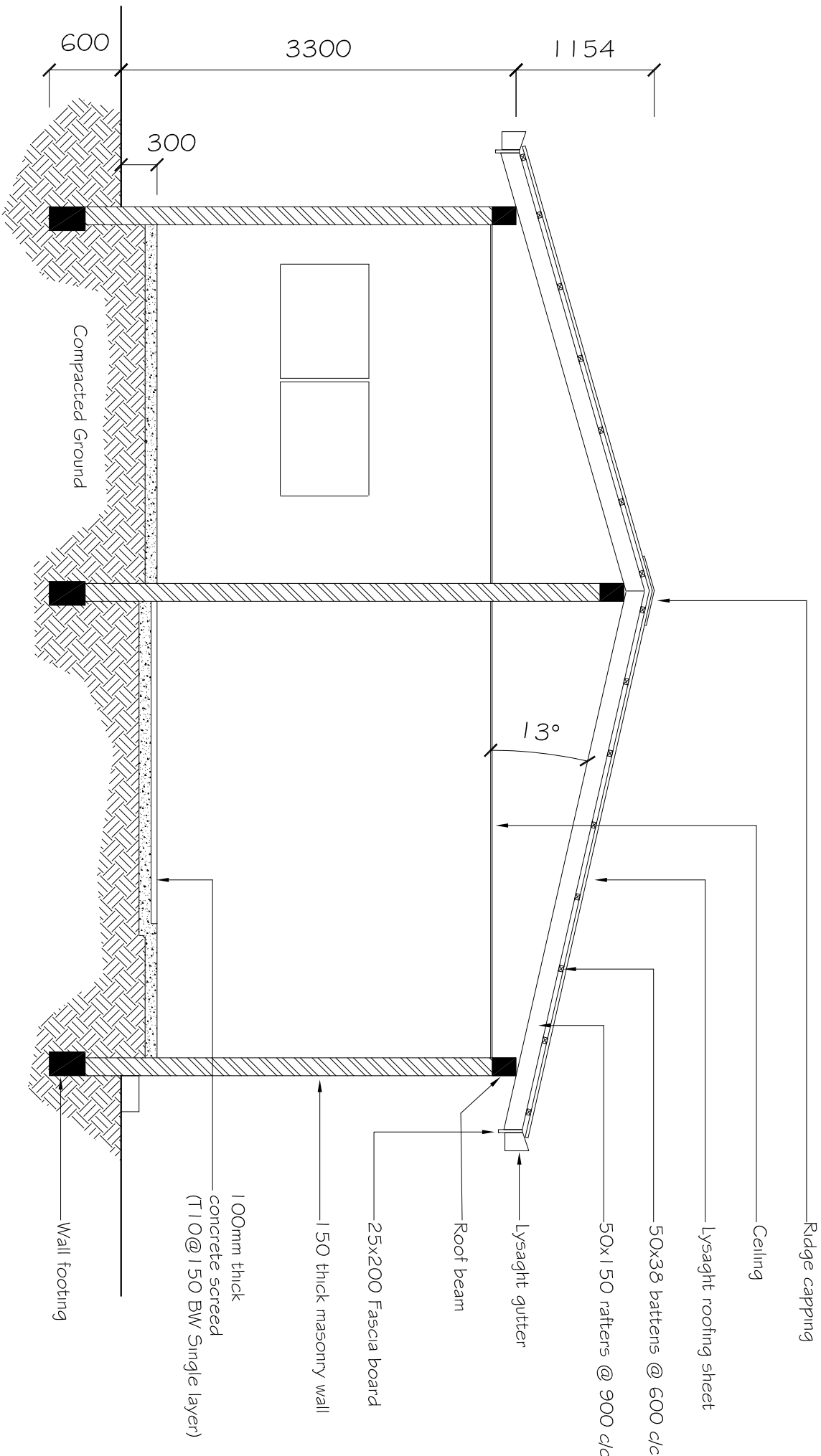


RO PLANT BUILDING
ROOF STRUCTURE

H.DH KUMUNDHOO



RO PLANT BUILDING
 FRONT ELEVATION H.DH KUMUNDHOO



RO PLANT BUILDING
SECTION X-X H.DH.KUMUNDHOO

PROVISION OF WATER SUPPLY SANITATION AND SOLID
WASTE MANAGEMENT PROJECT

OPIC FUND FOR INTERNATIONAL DEVELOPMENT

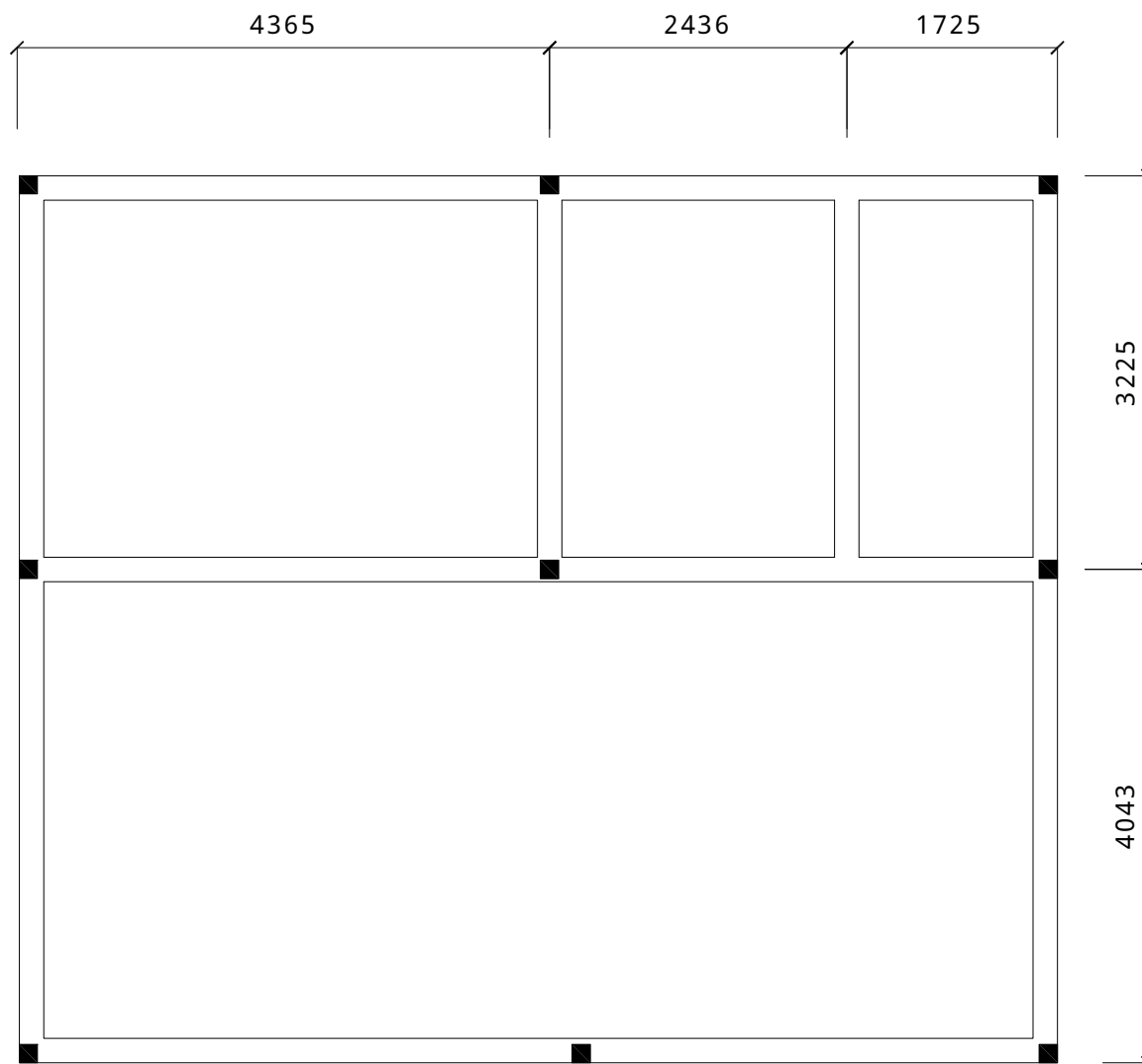
PROJECT:

14 ISLAND WATER SUPPLY PROJECT

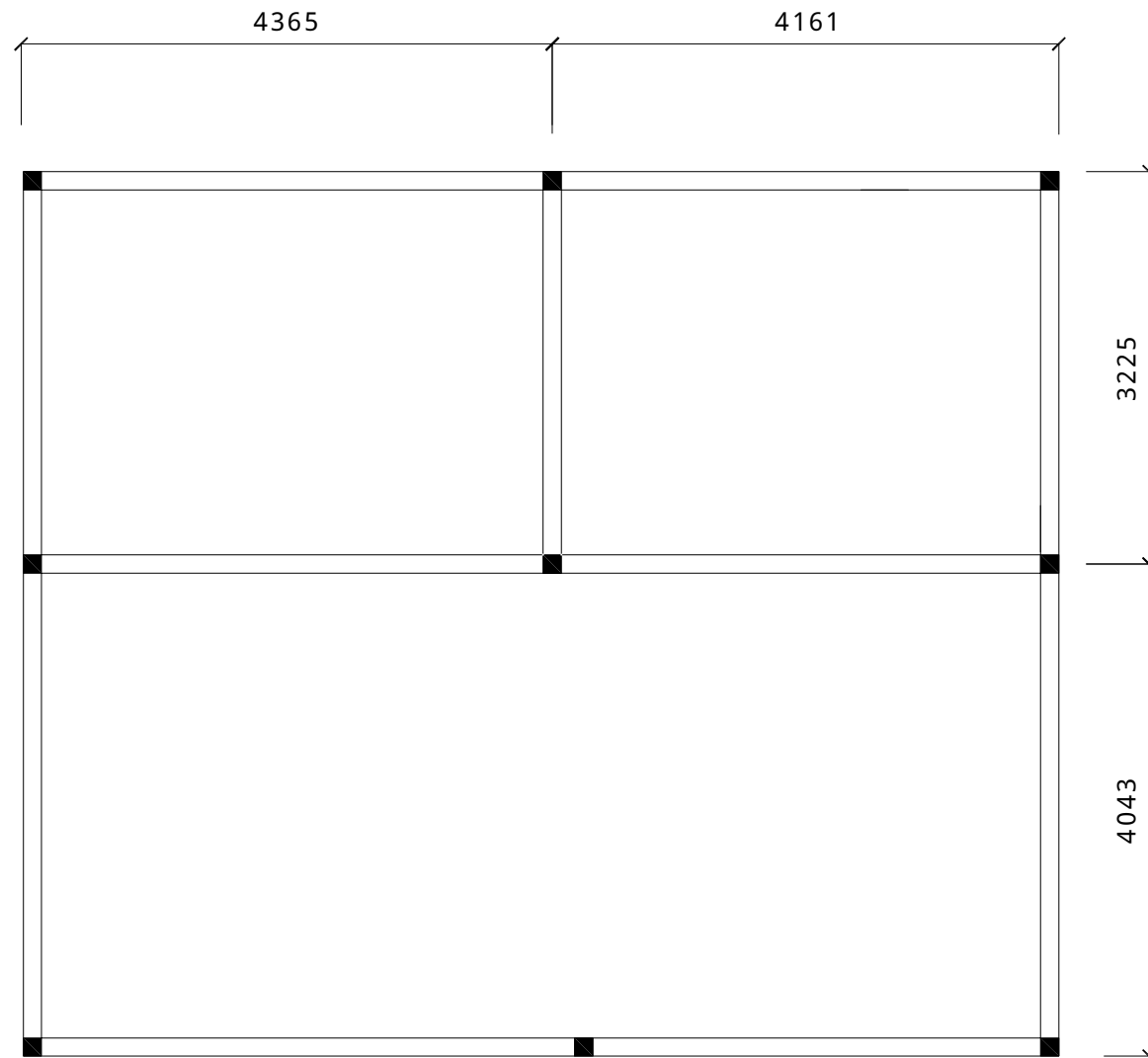
SCALE: AS SHOWN

DATE: MAR 2017





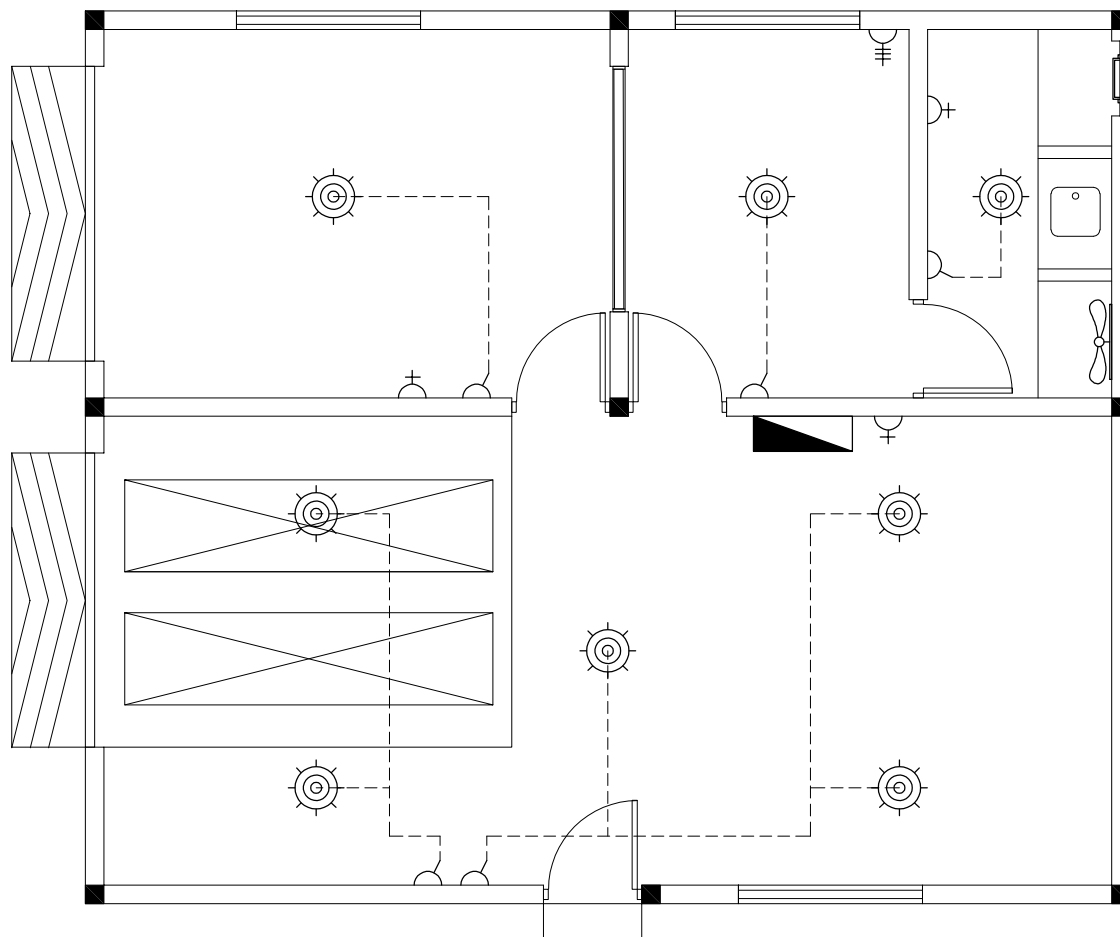
RO PLANT BUILDING
WALL FOOTING PLAN H.DH KUMUNDHOO



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



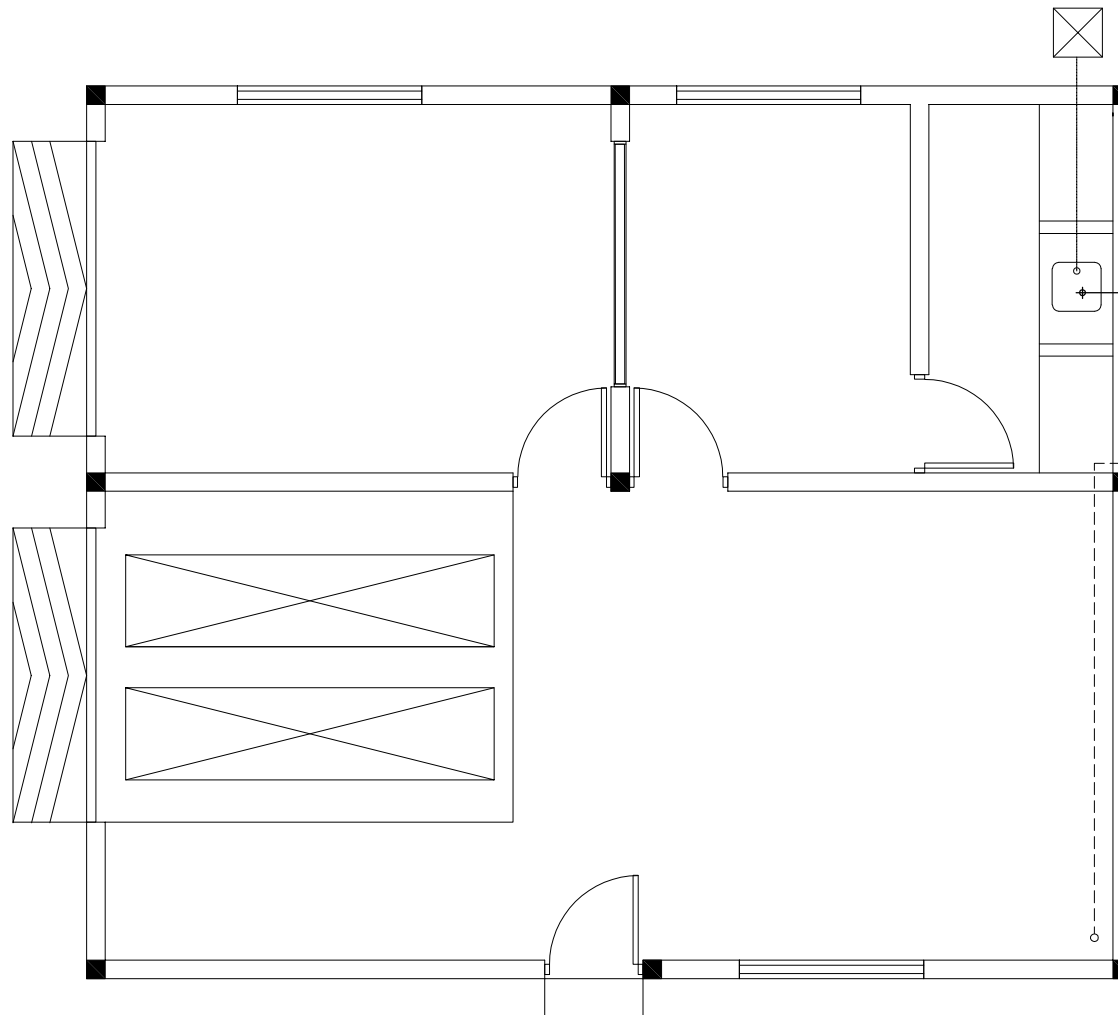
WALL MOUNT EXHAUST FAN



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



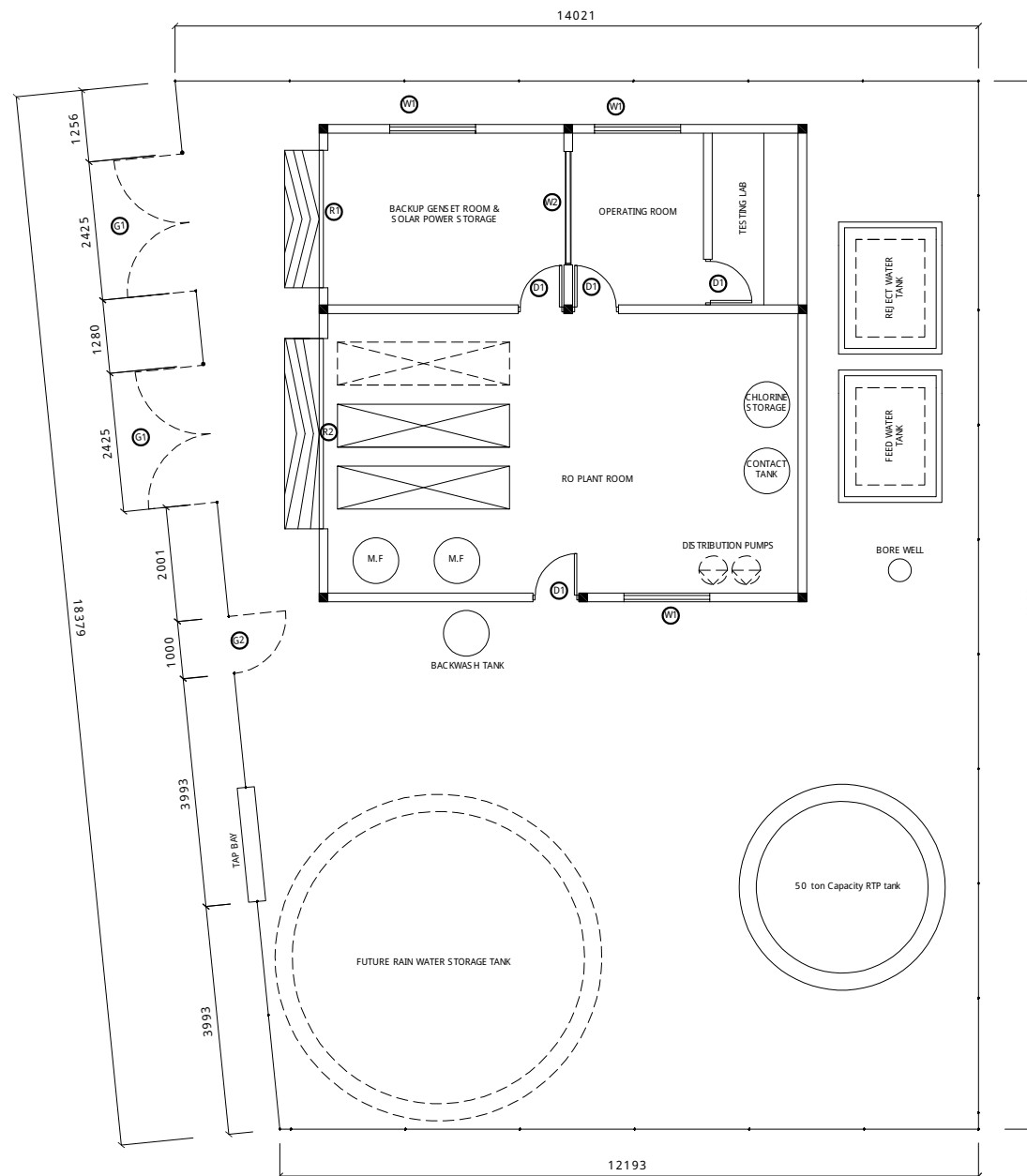
WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE' 20-01
REPUBLIC OF MALDIVES

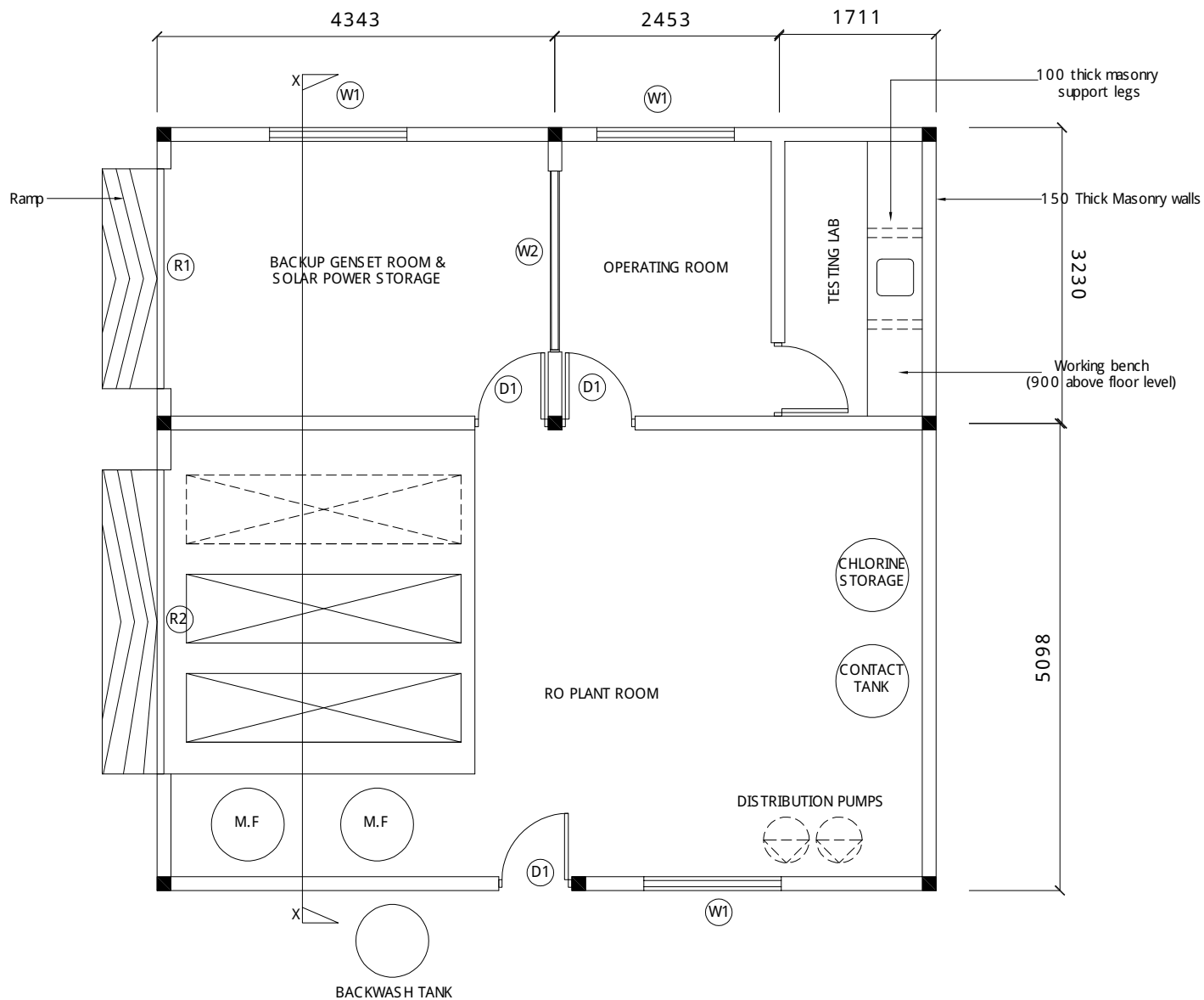


RO PLANT BUILDING AND CRITICAL
DEVELOPMENTS

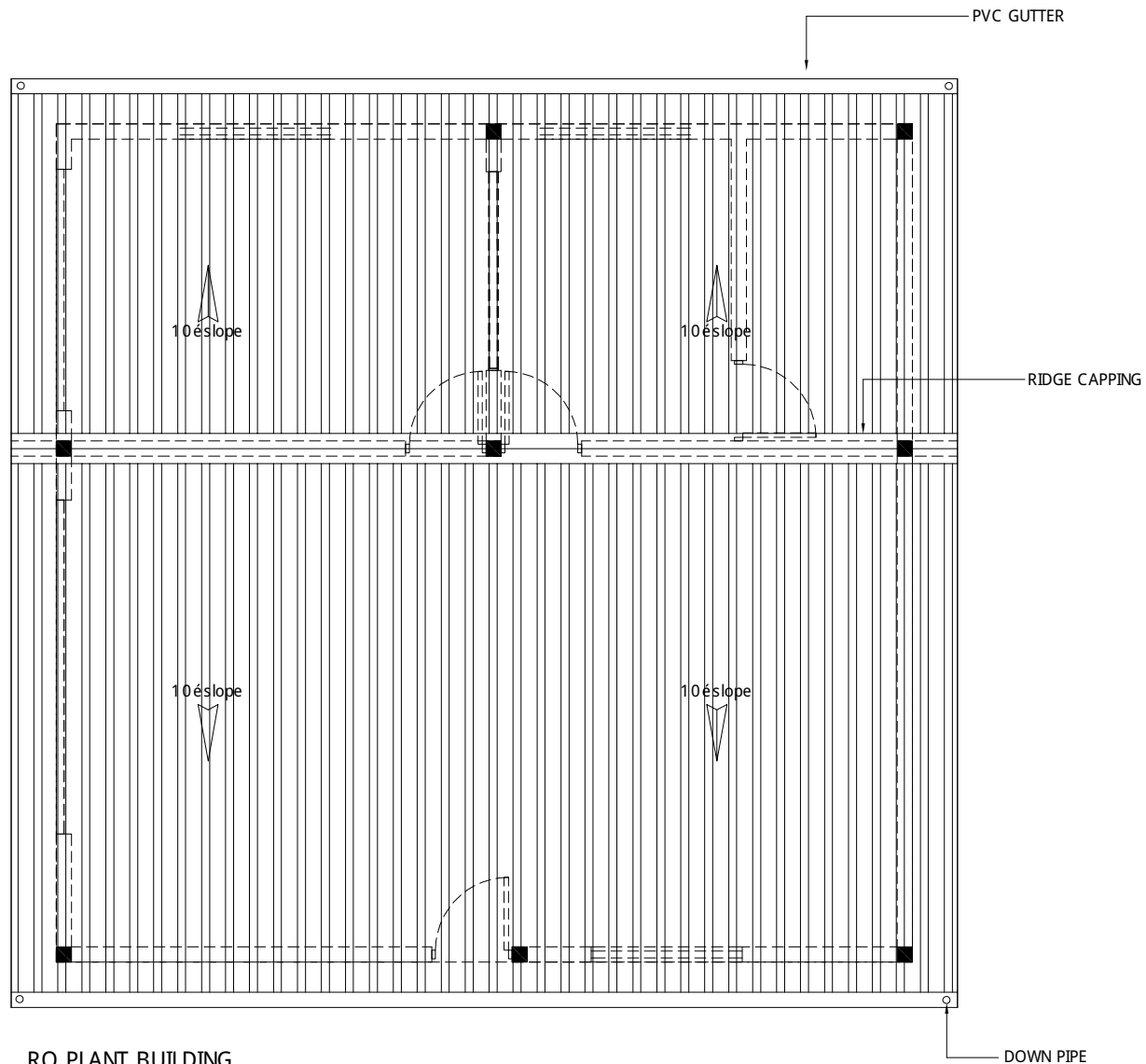
H.DH MAKUNUDHOO



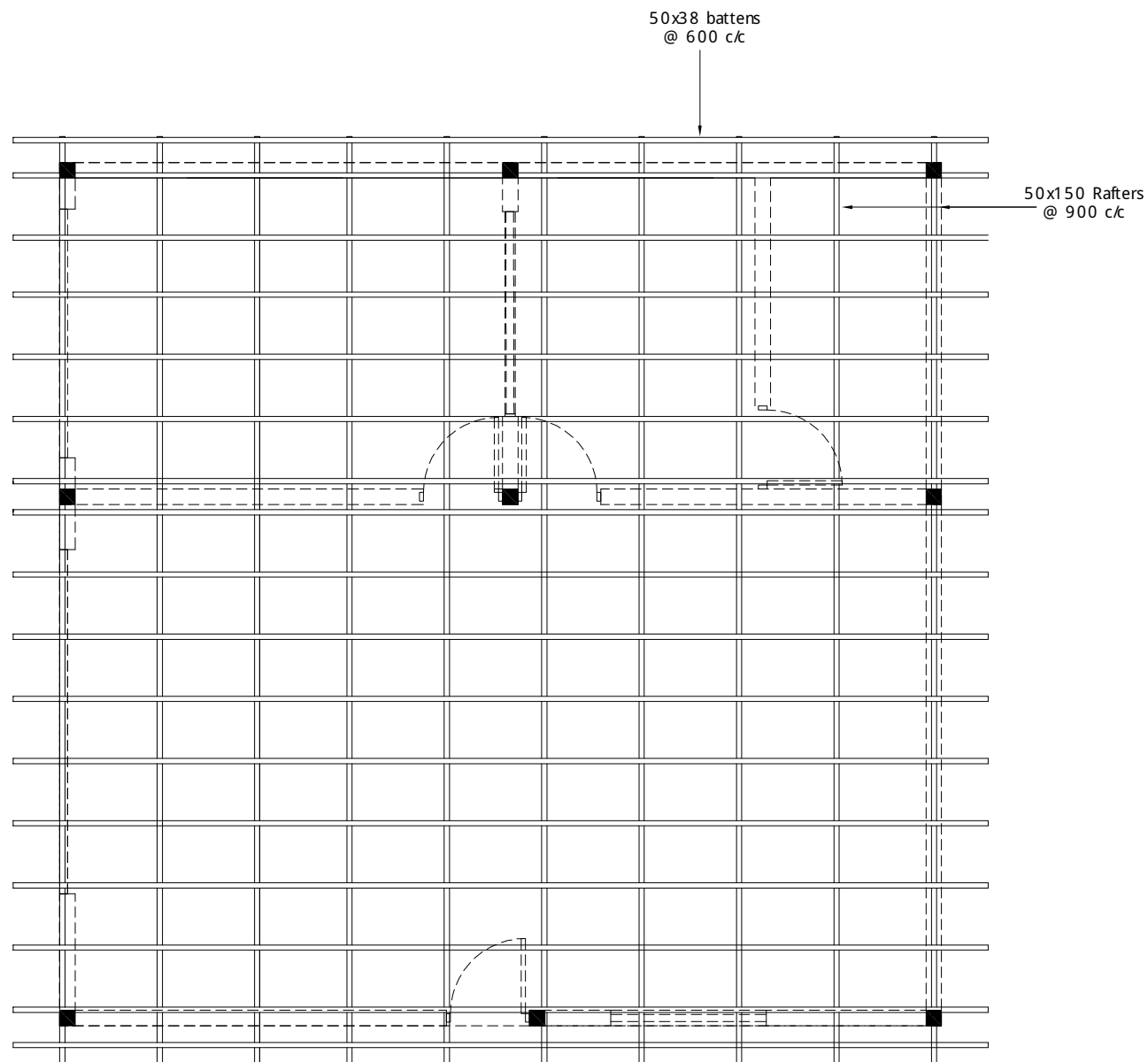
WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING SITE PLAN
SITE PLAN HAA DHAALU MAKUNUDHOO



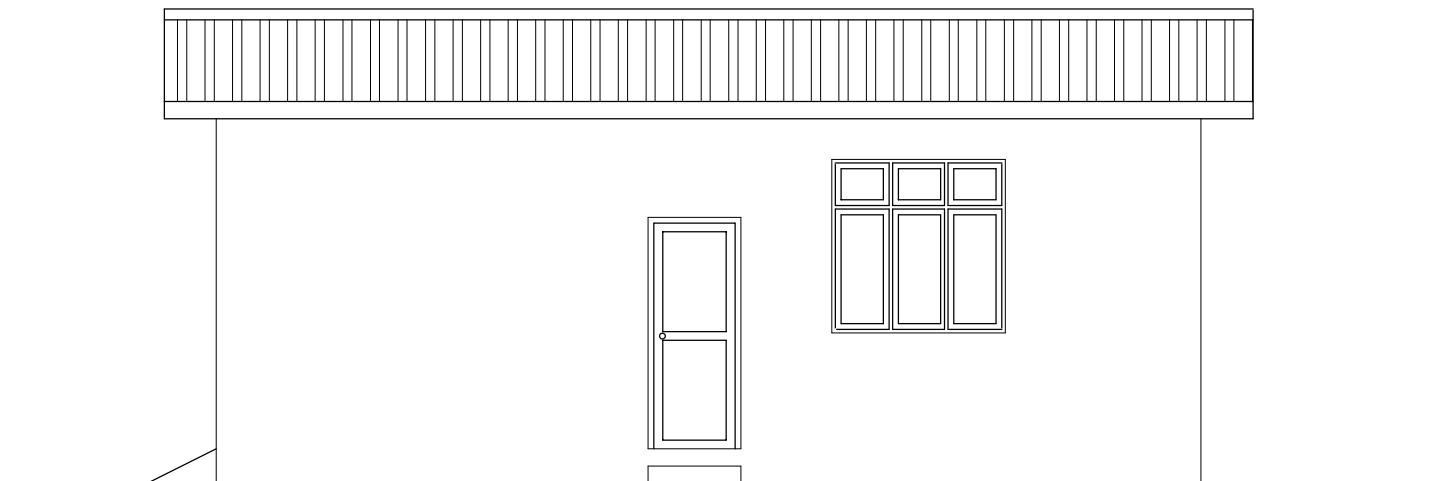
RO PLANT BUILDING
FLOOR PLAN HAA DHAALU MAKUNUDHOO



RO PLANT BUILDING
 ROOF PLAN HAA DHAALU MAKUNUDHOO

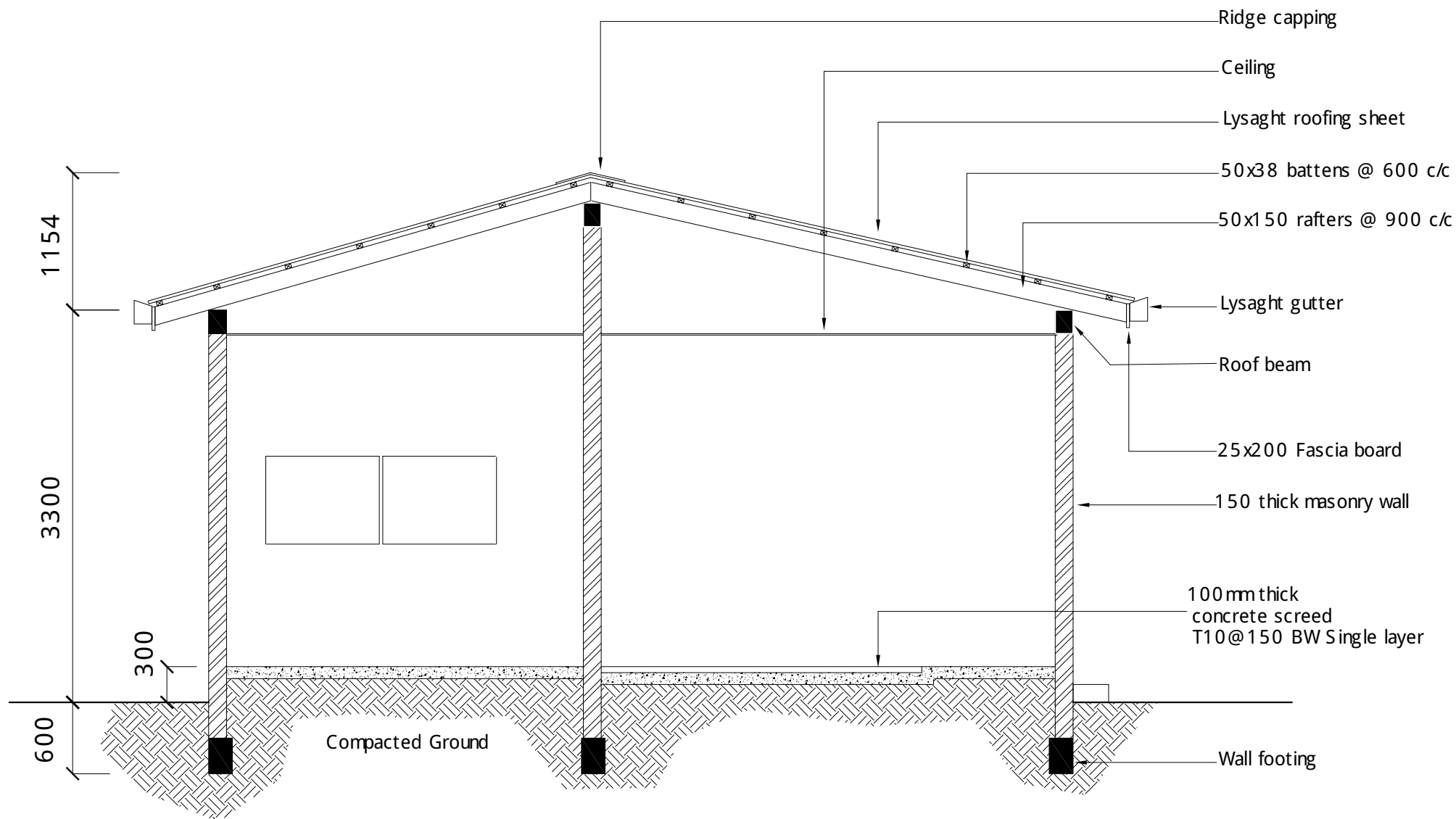


RO PLANT BUILDING
ROOF STRUCTURE HAA DHAALU MAKUNUDHOO



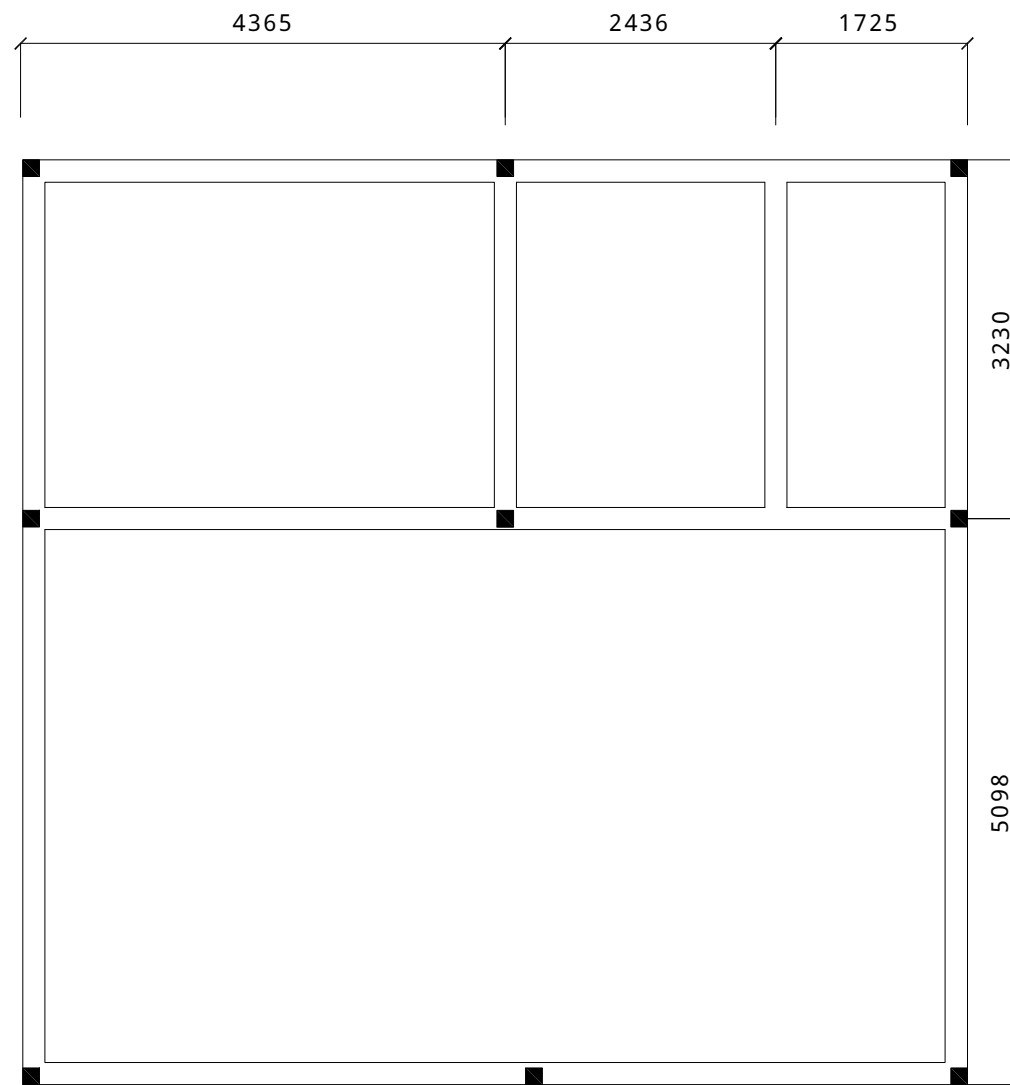
RO PLANT BUILDING
FRONT ELEVATION

HAA DHAALU MAKUNUDHOO

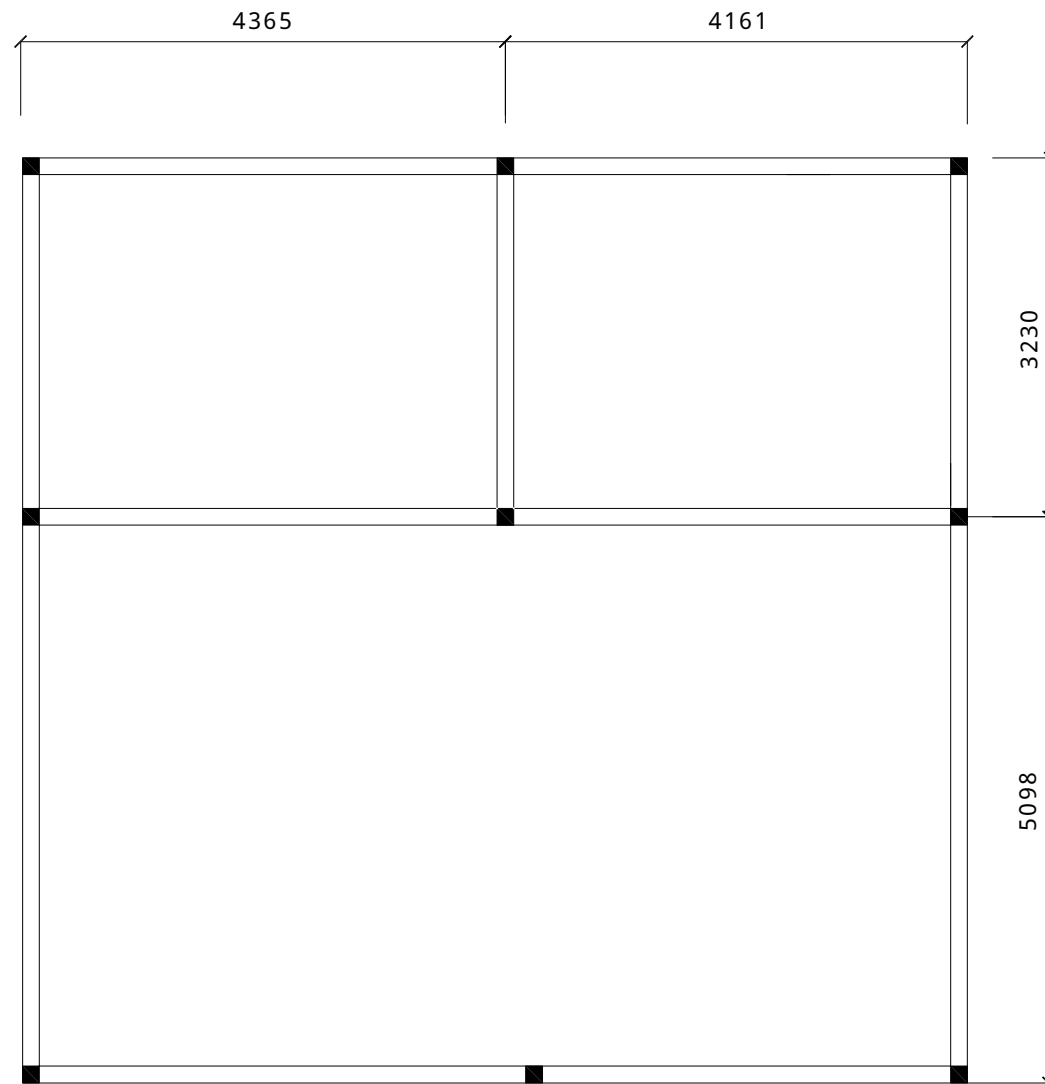


RO PLANT BUILDING
SECTION X-X

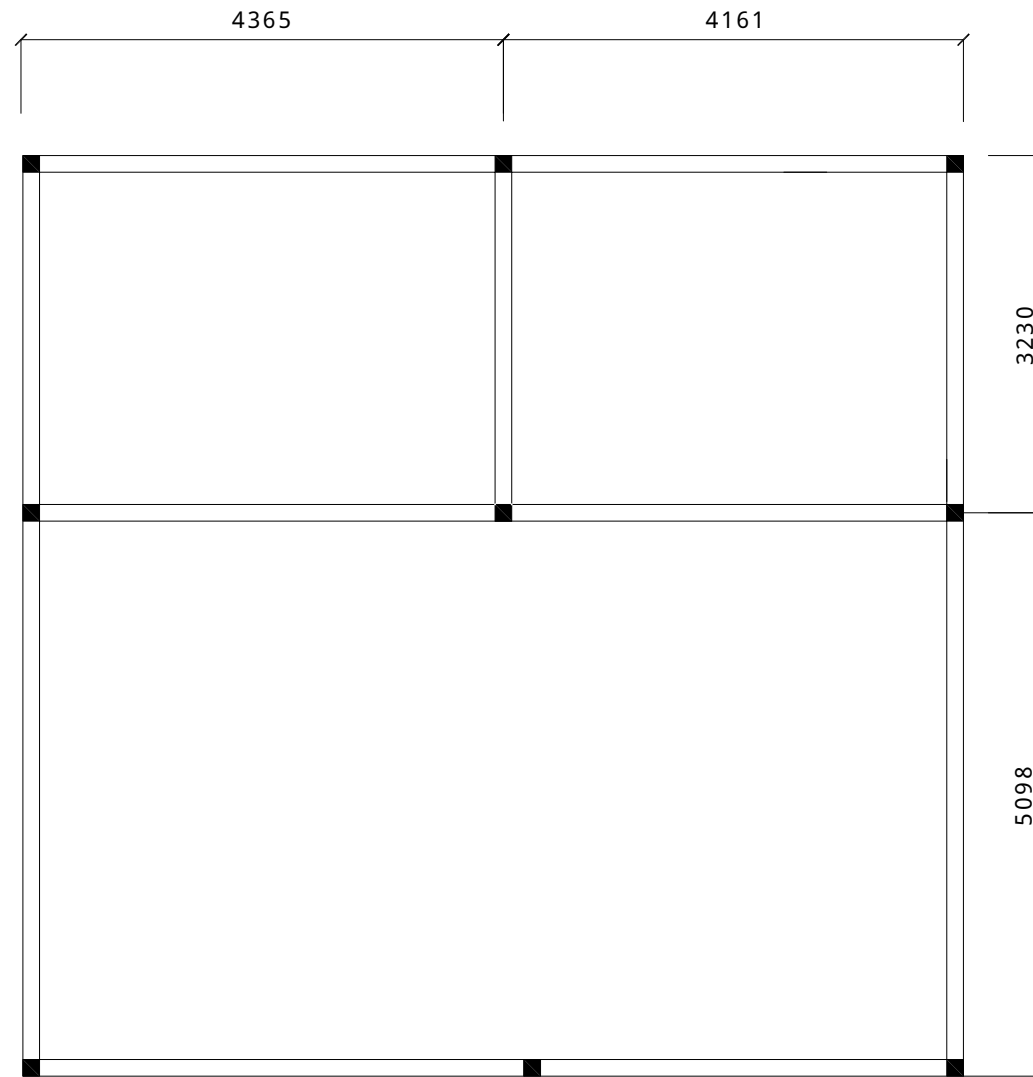
HAA DHAALU MAKUNUDHOO



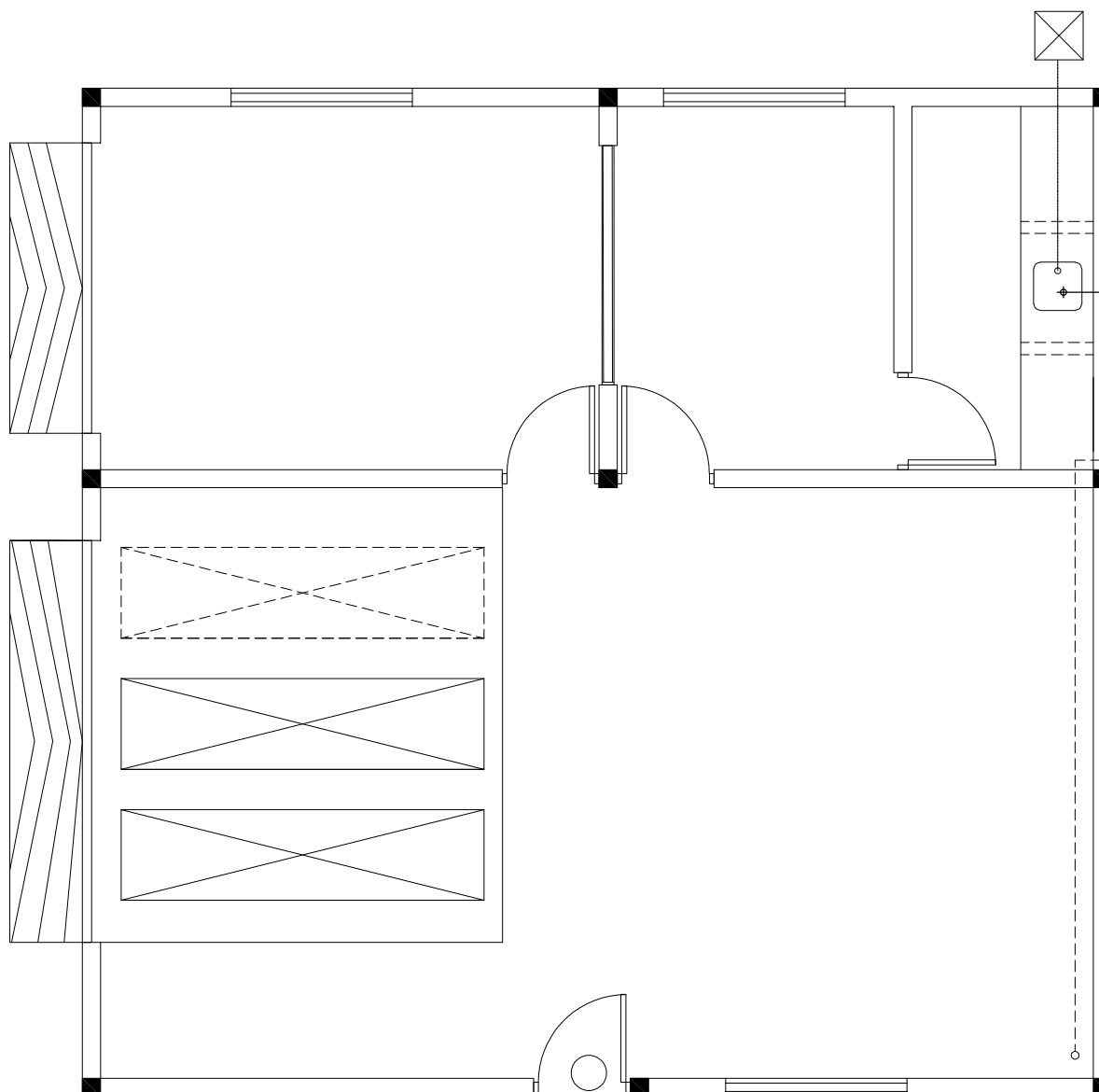
RO PLANT BUILDING
WALL FOOTING PLAN HAA DHAALU MAKUNUDHOO



RO PLANT BUILDING
ROOF BEAM PLAN HAA DHAALU MAKUNUDHOO

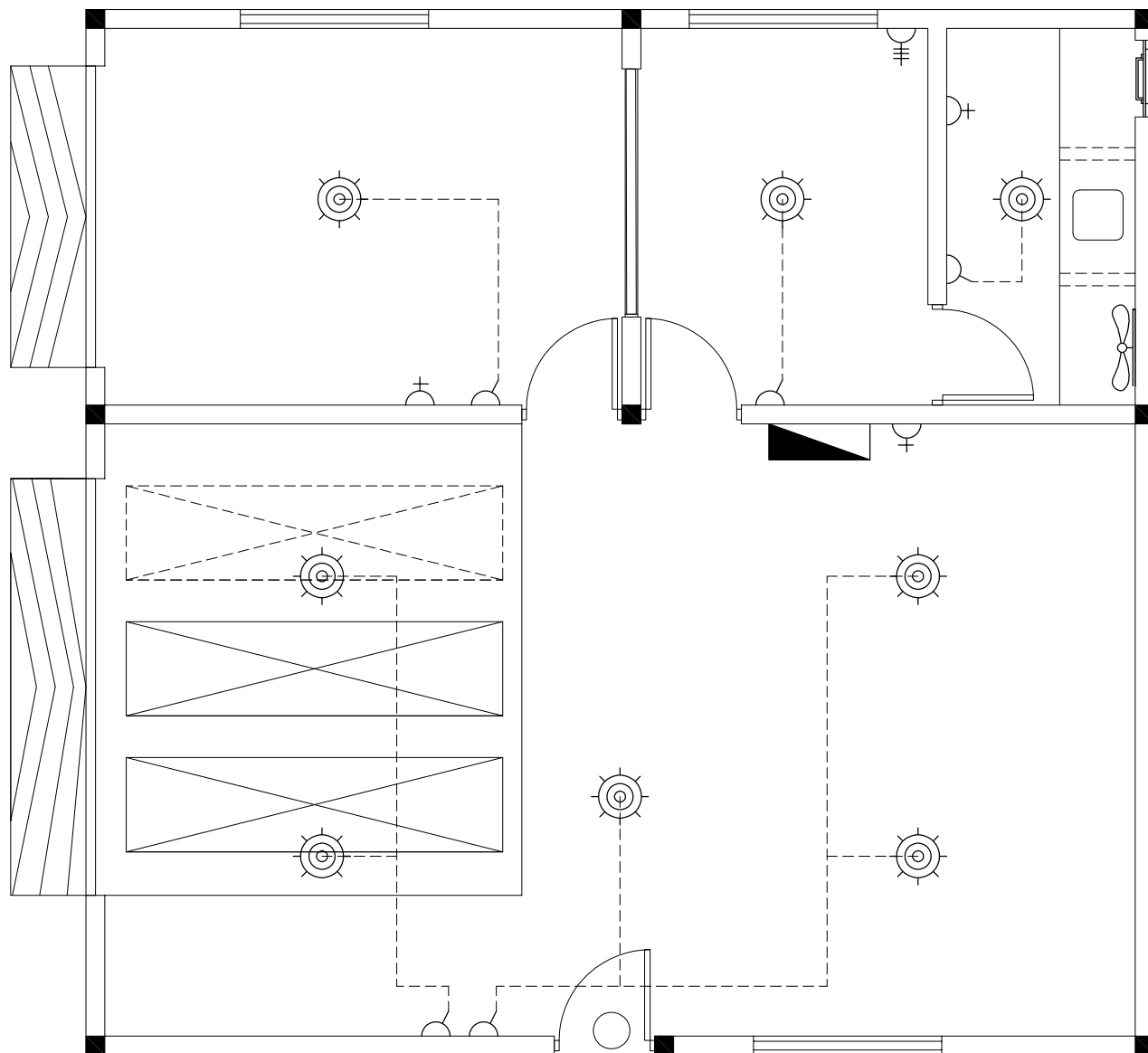


RO PLANT BUILDING
 ROOF BEAM PLAN HAA DHAALU MAKUNUDHOO



- ⊕— 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 NOLHIVARAM RO PLANT BUILDING AND WATER SUPPLY FACILITY



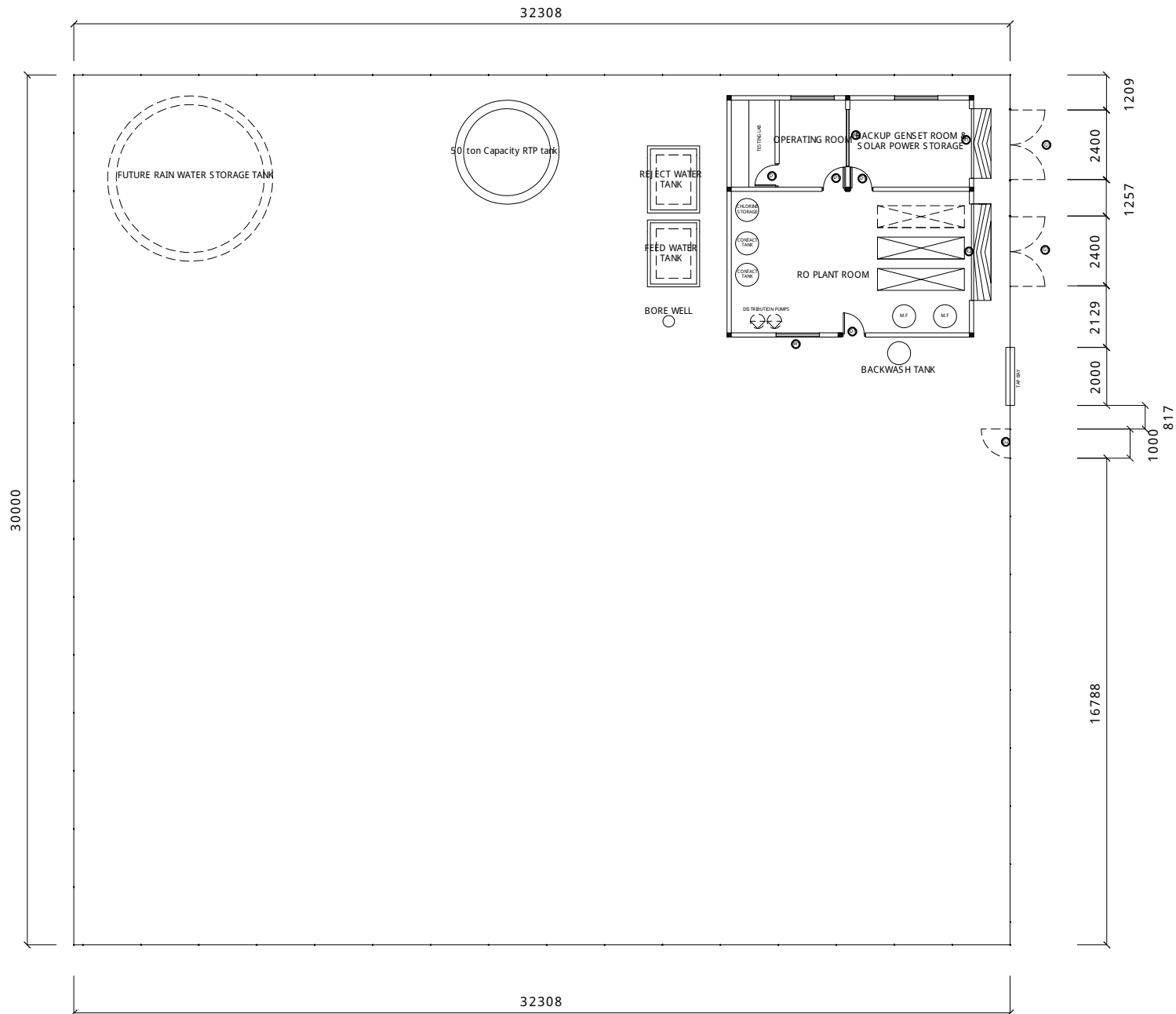
WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALÉ 20-01
REPUBLIC OF MALDIVES

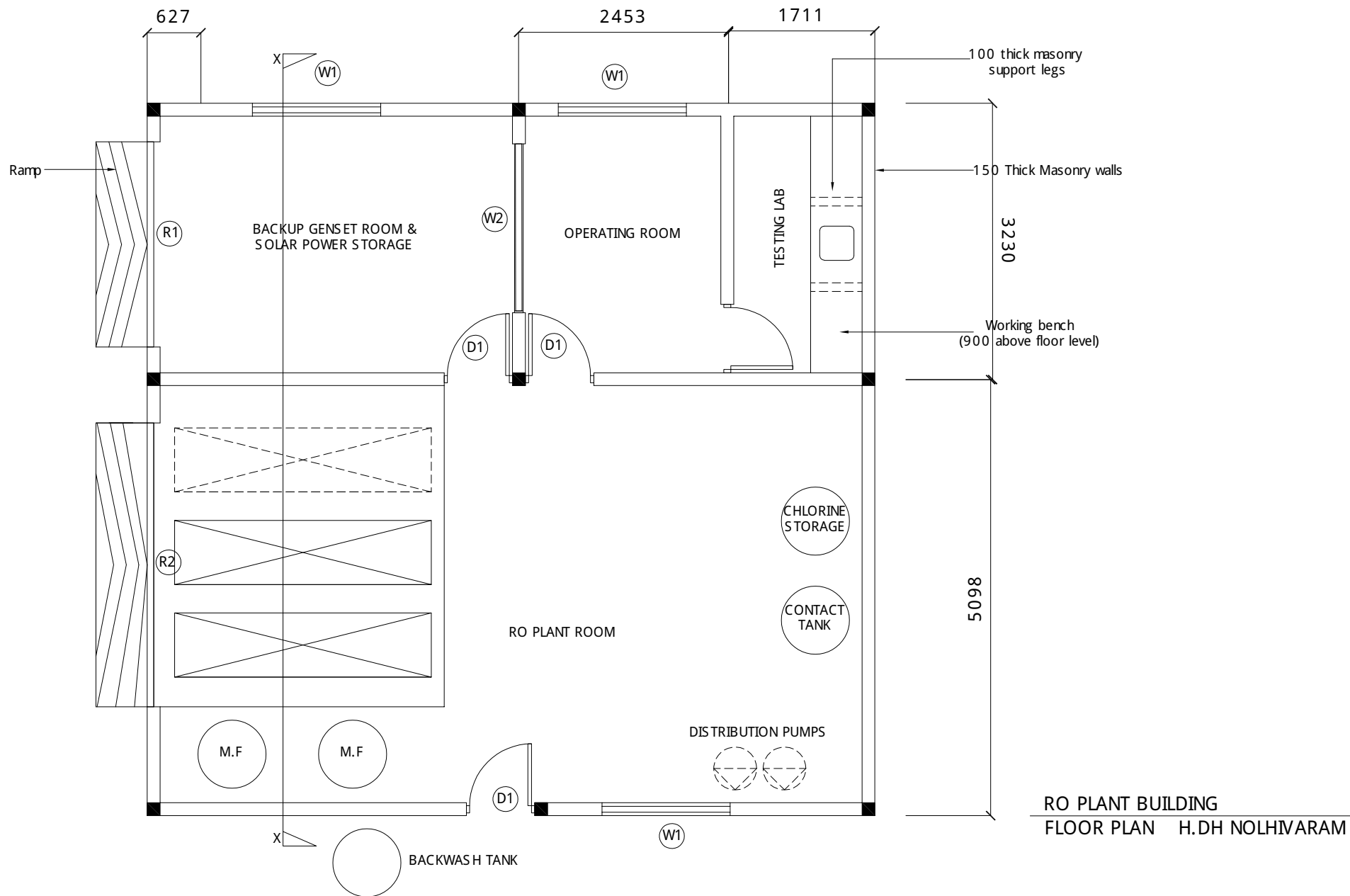


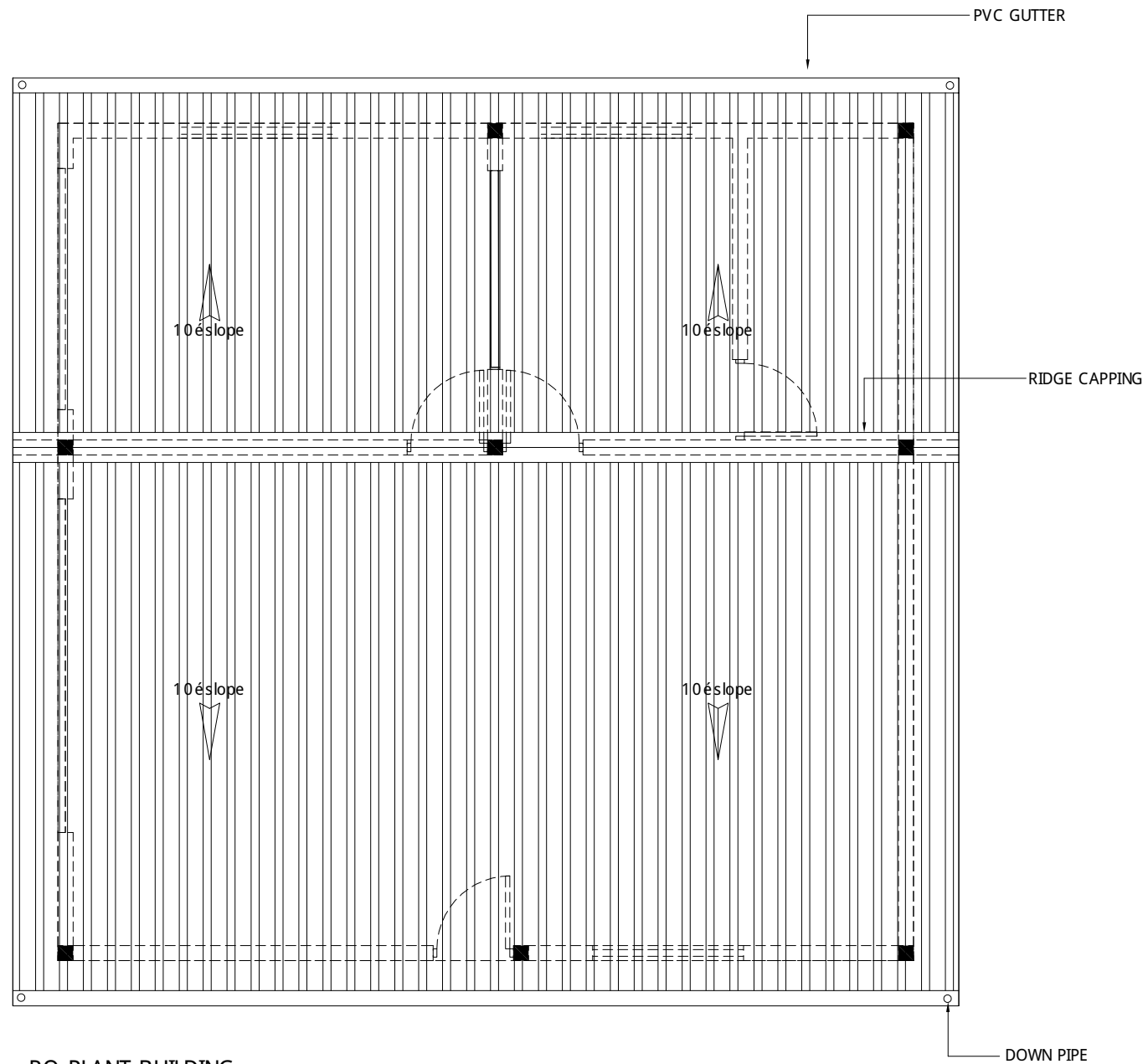
RO PLANT BUILDING AND CRITICAL
DEVELOPMENTS

H.DH NOLHIVARAM

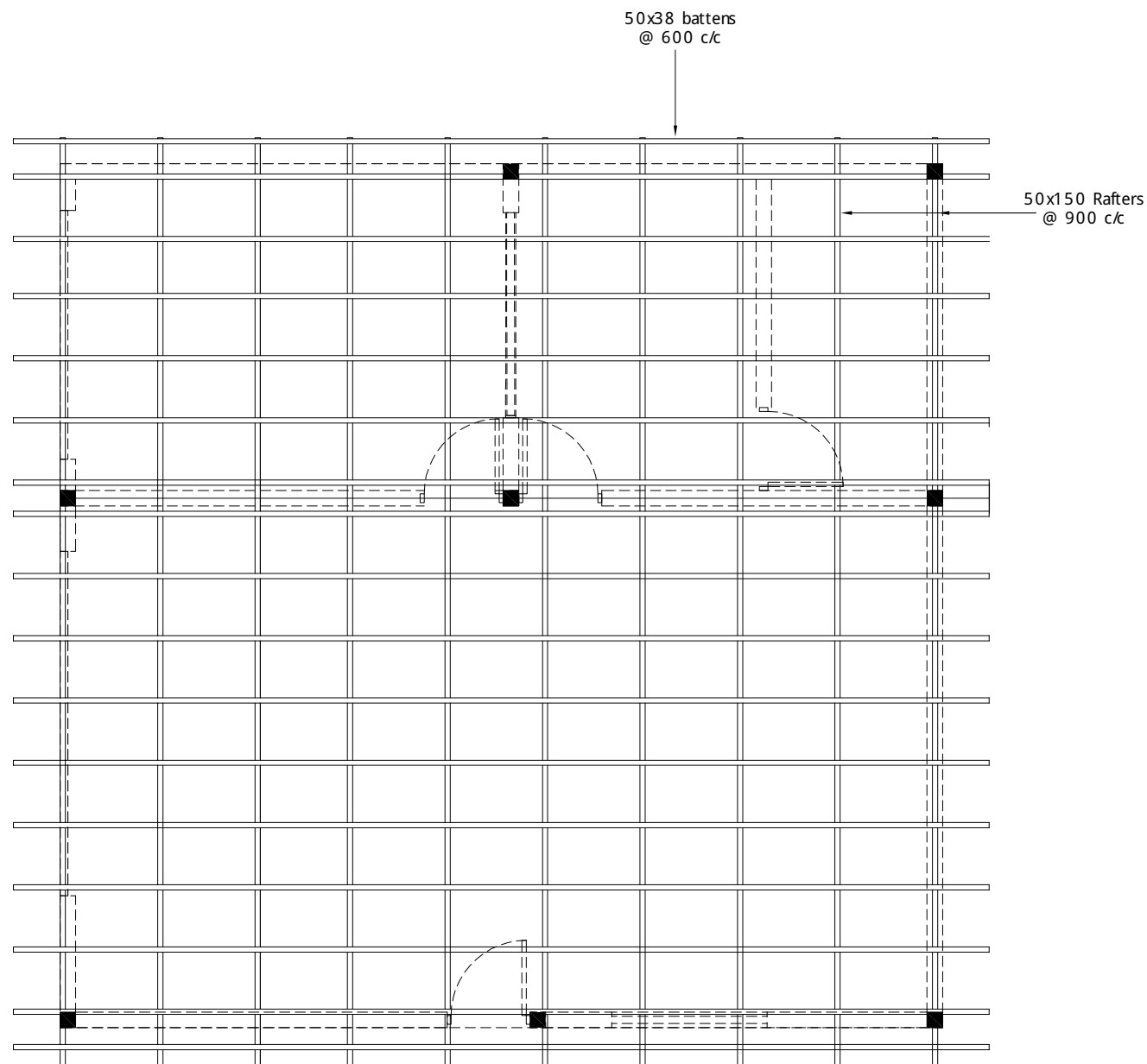


WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING SITE PLAN
HAA DHAALU NOLHIVARAM
SITE PLAN

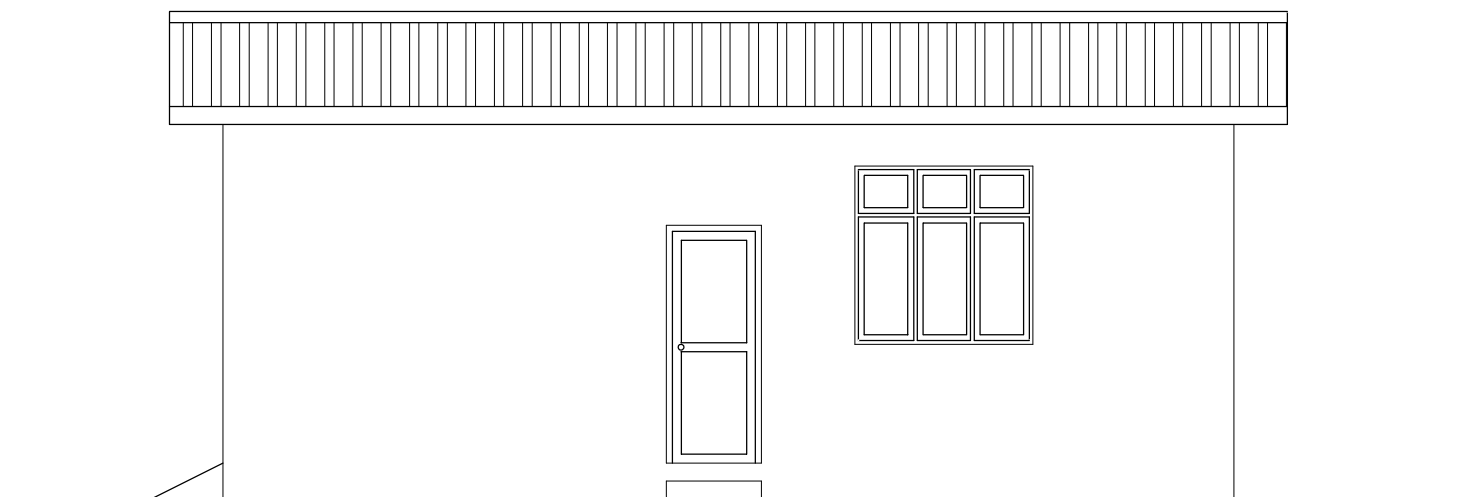




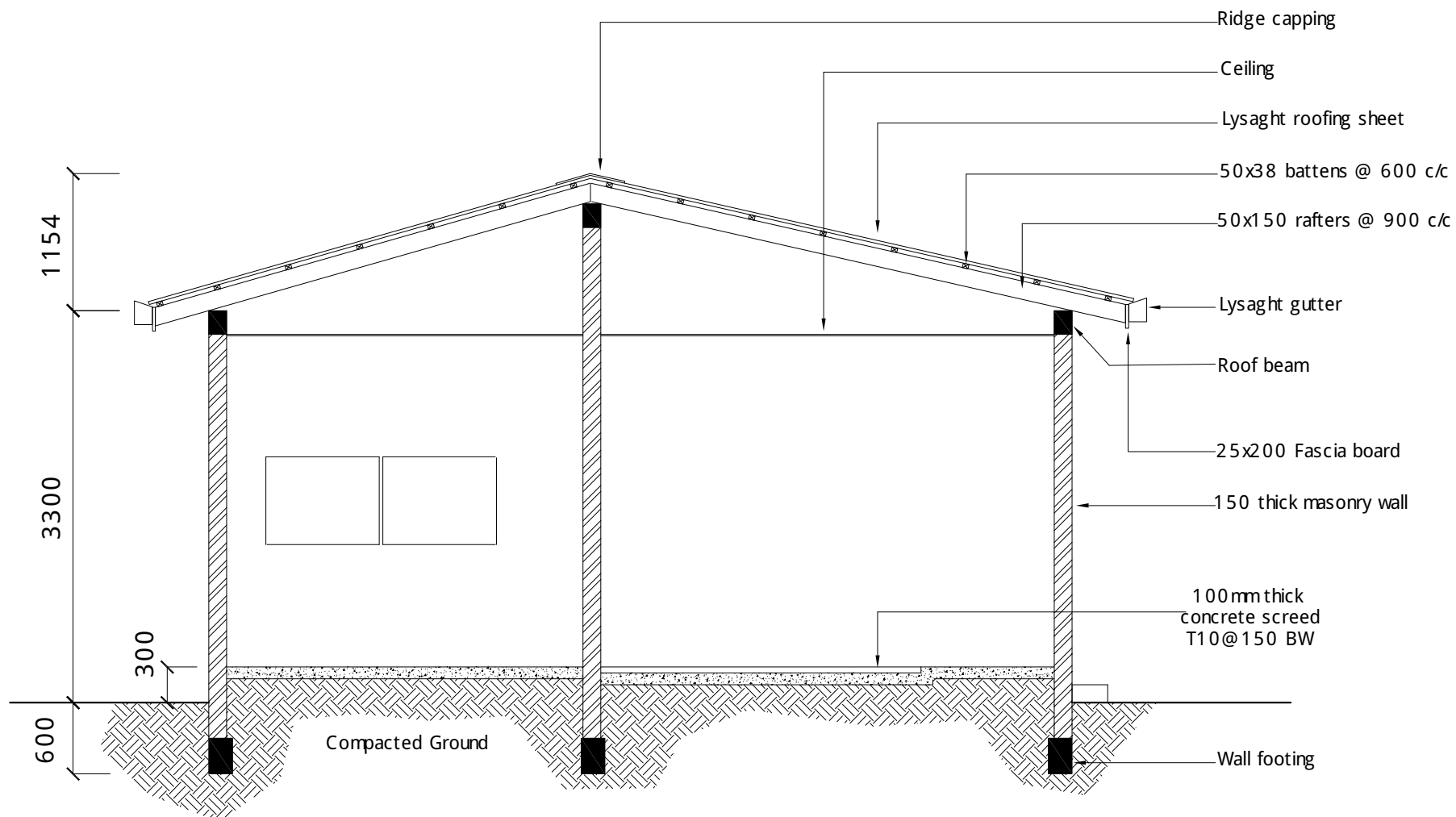
RO PLANT BUILDING
ROOF PLAN H.DH NOLHIVARAM



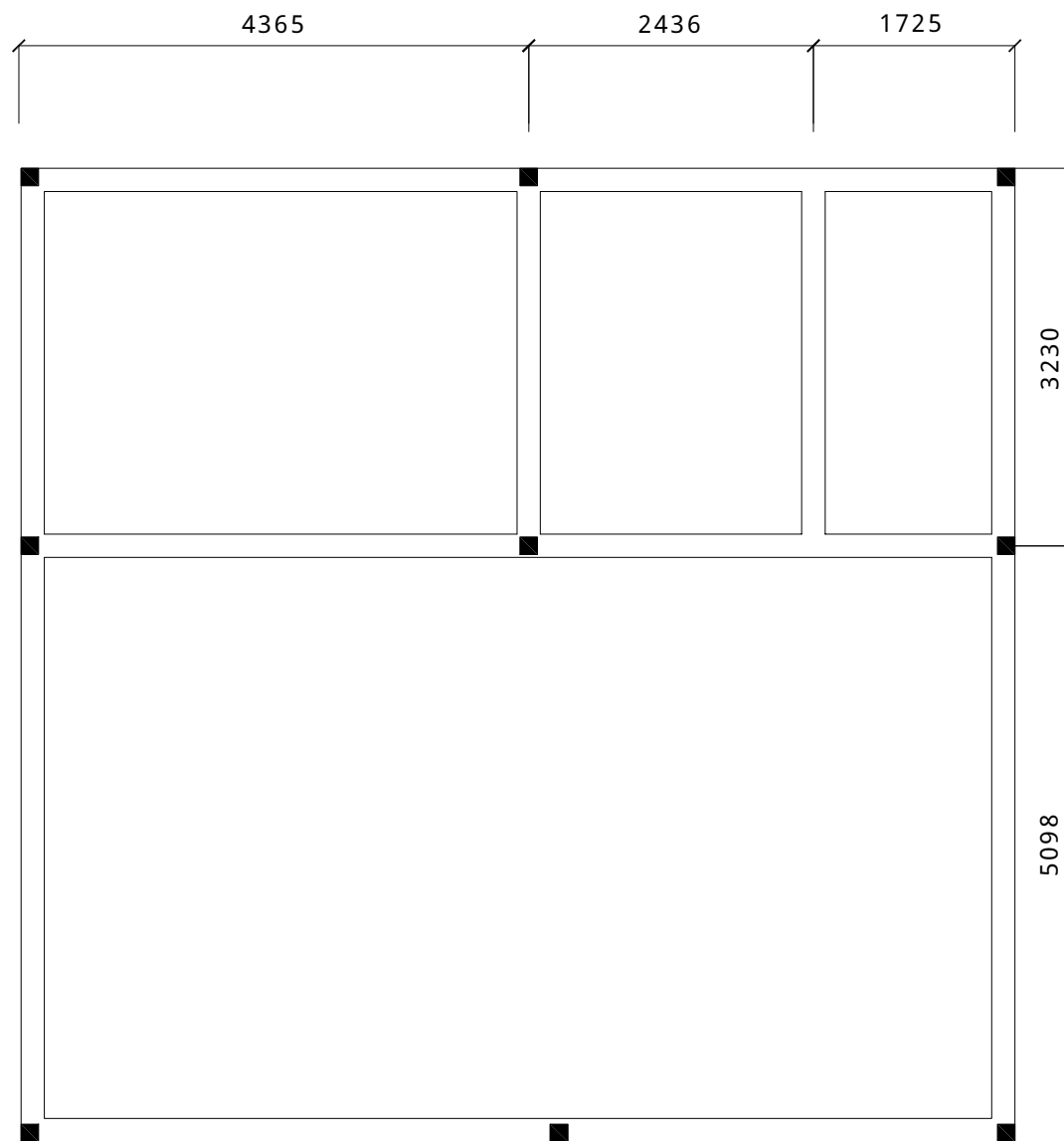
RO PLANT BUILDING
ROOF STRUCTURE H.DH NOLHIVARAM



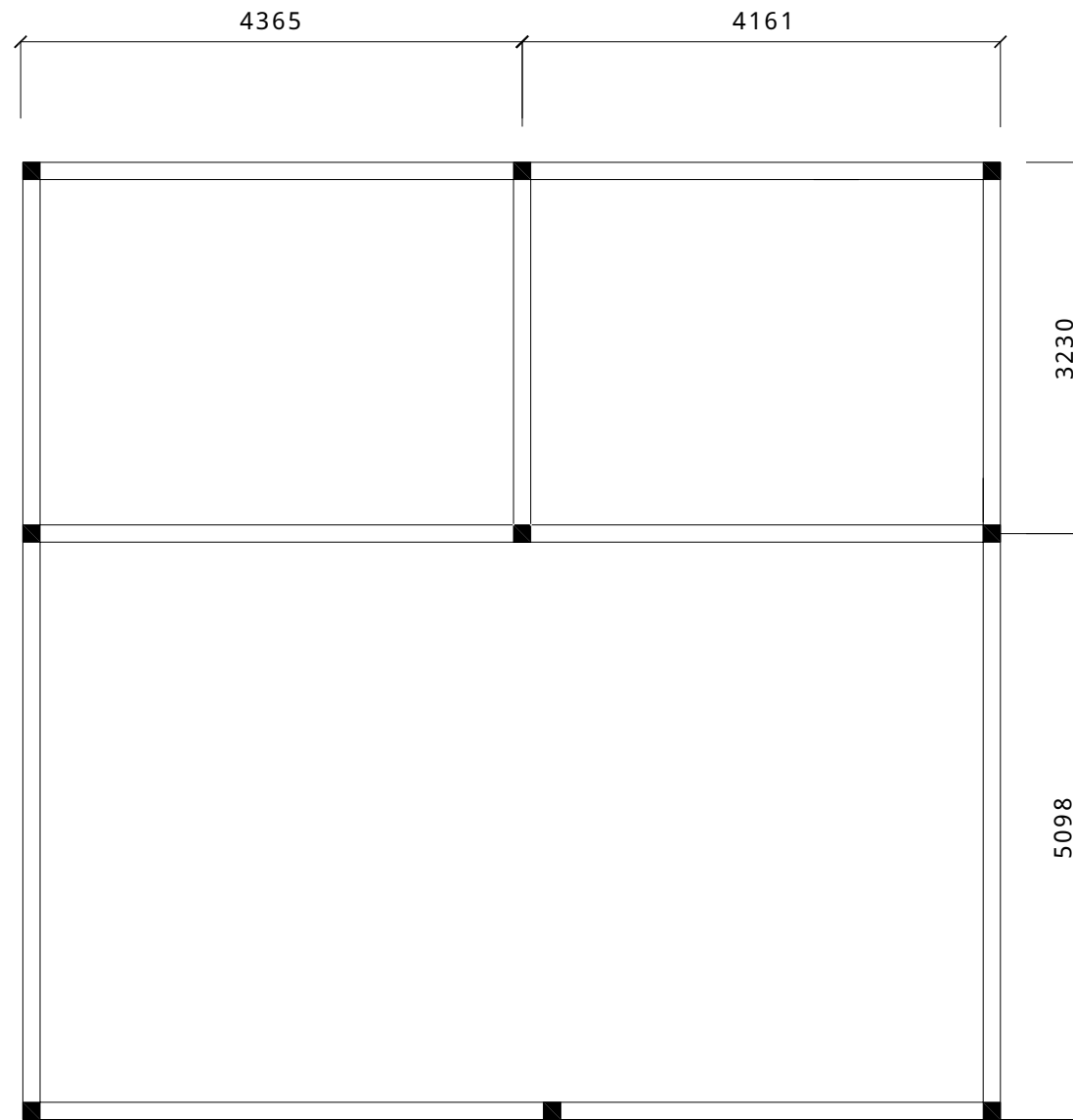
RO PLANT BUILDING
FRONT ELEVATION H.DH NOLHIVARAM



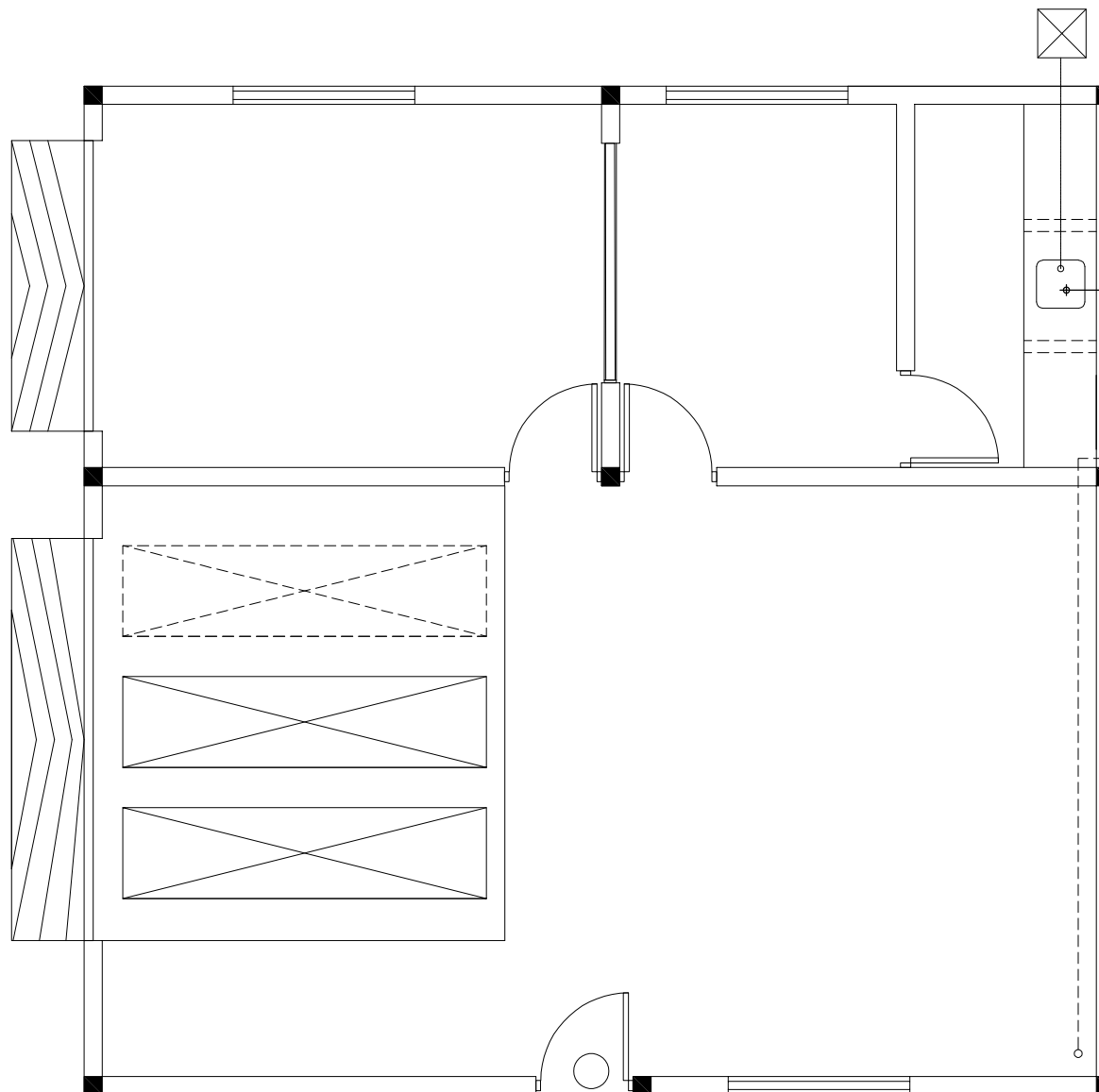
RO PLANT BUILDING
SECTION X-X H.DH NOLHIVARAM



RO PLANT BUILDING
WALL FOOTING PLAN H.DH NOLHIVARAM

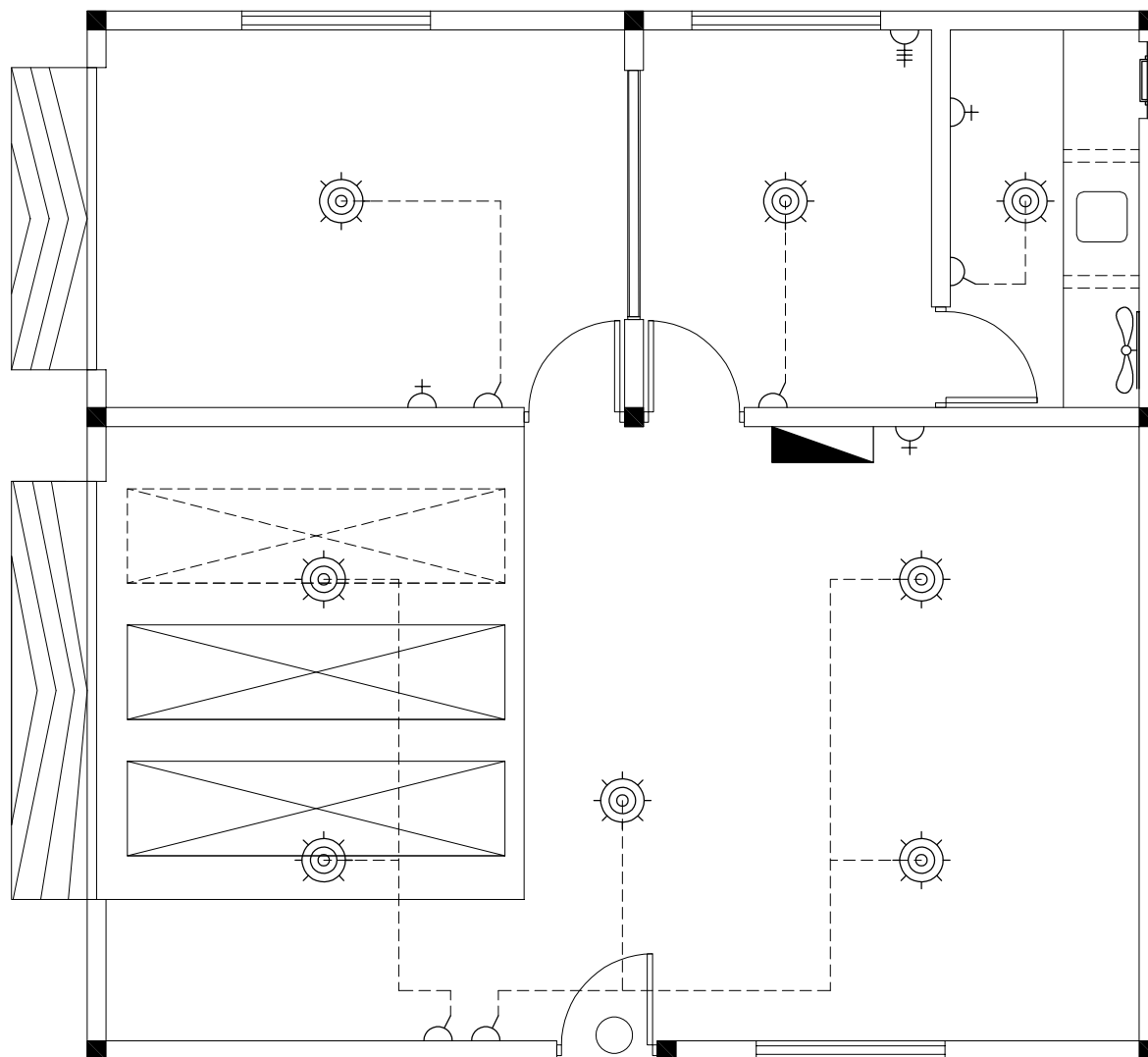


RO PLANT BUILDING
ROOF BEAM PLAN H.DH NOLHIVARAM



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

RO PLANT BUILDING
PLUMBING LAYOUT H.DH NOLHIVARAM



RO PLANT BUILDING
ELECTRICAL 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



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

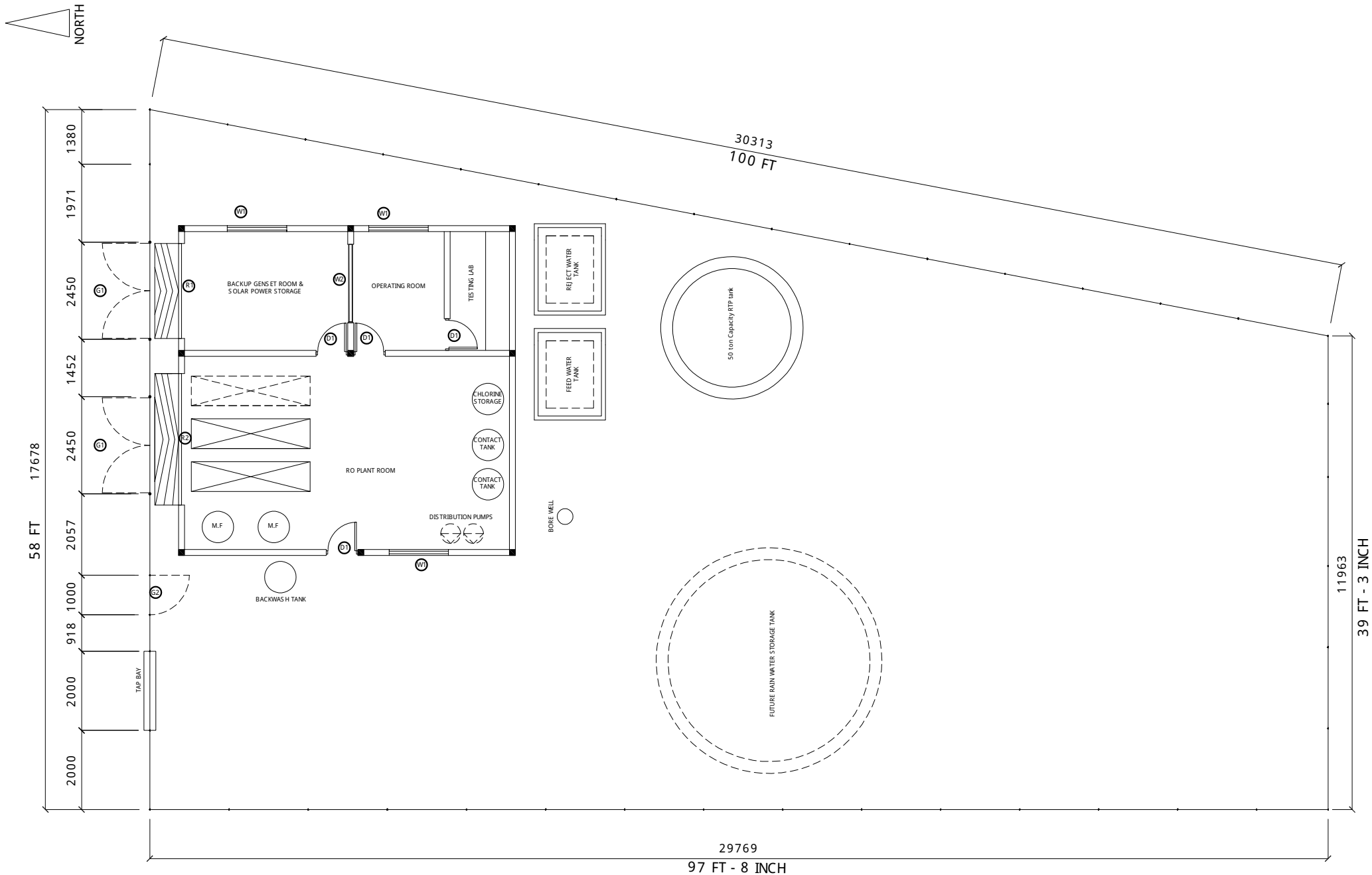
SUPPLY PIPE TO
HARBOUR KIOSK

TAP BAY

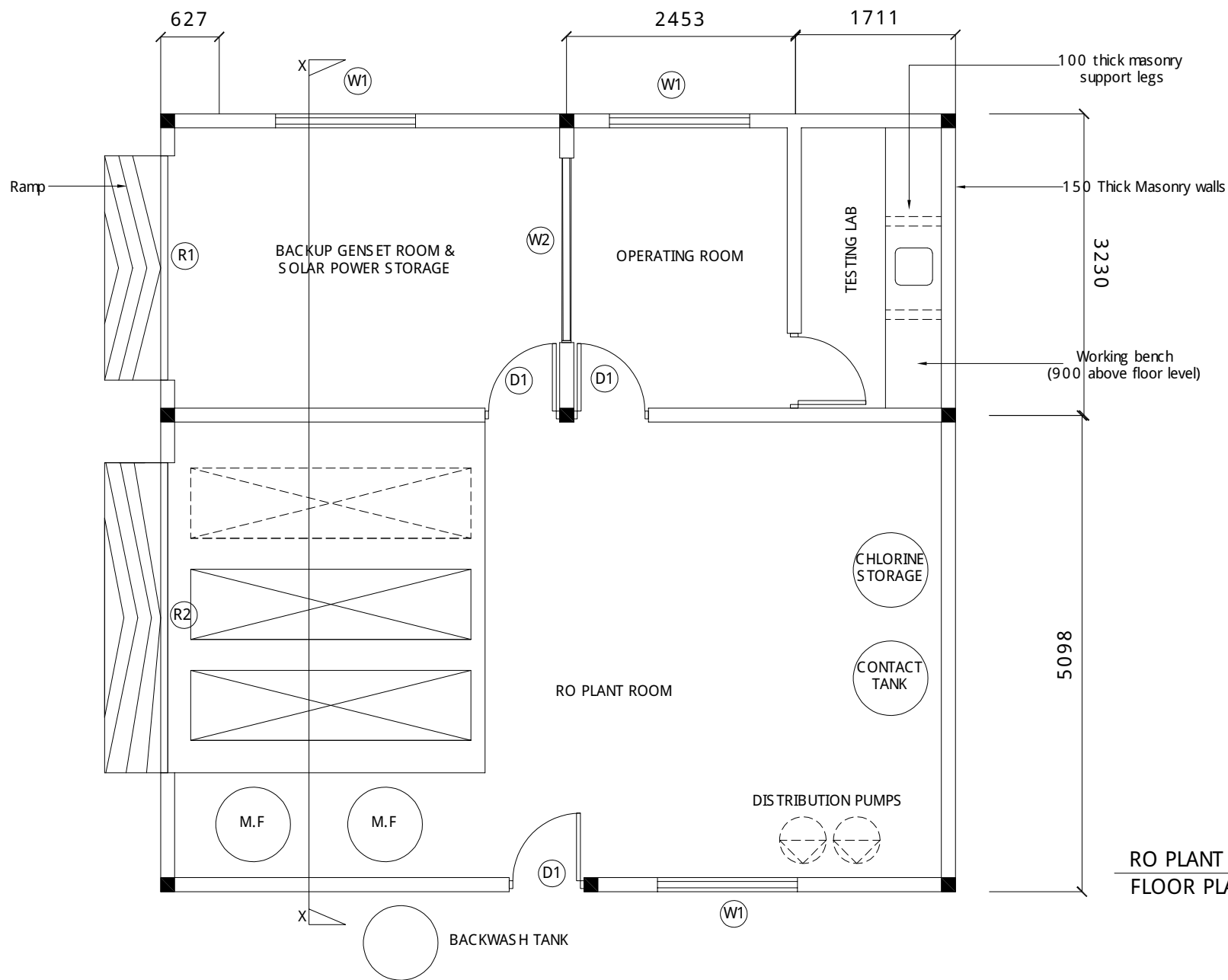
RO PLANT BUILDING
AND STORAGE TANK

(-2m)
(94m from shoreline)
BRINE OUTFALL
PIPE

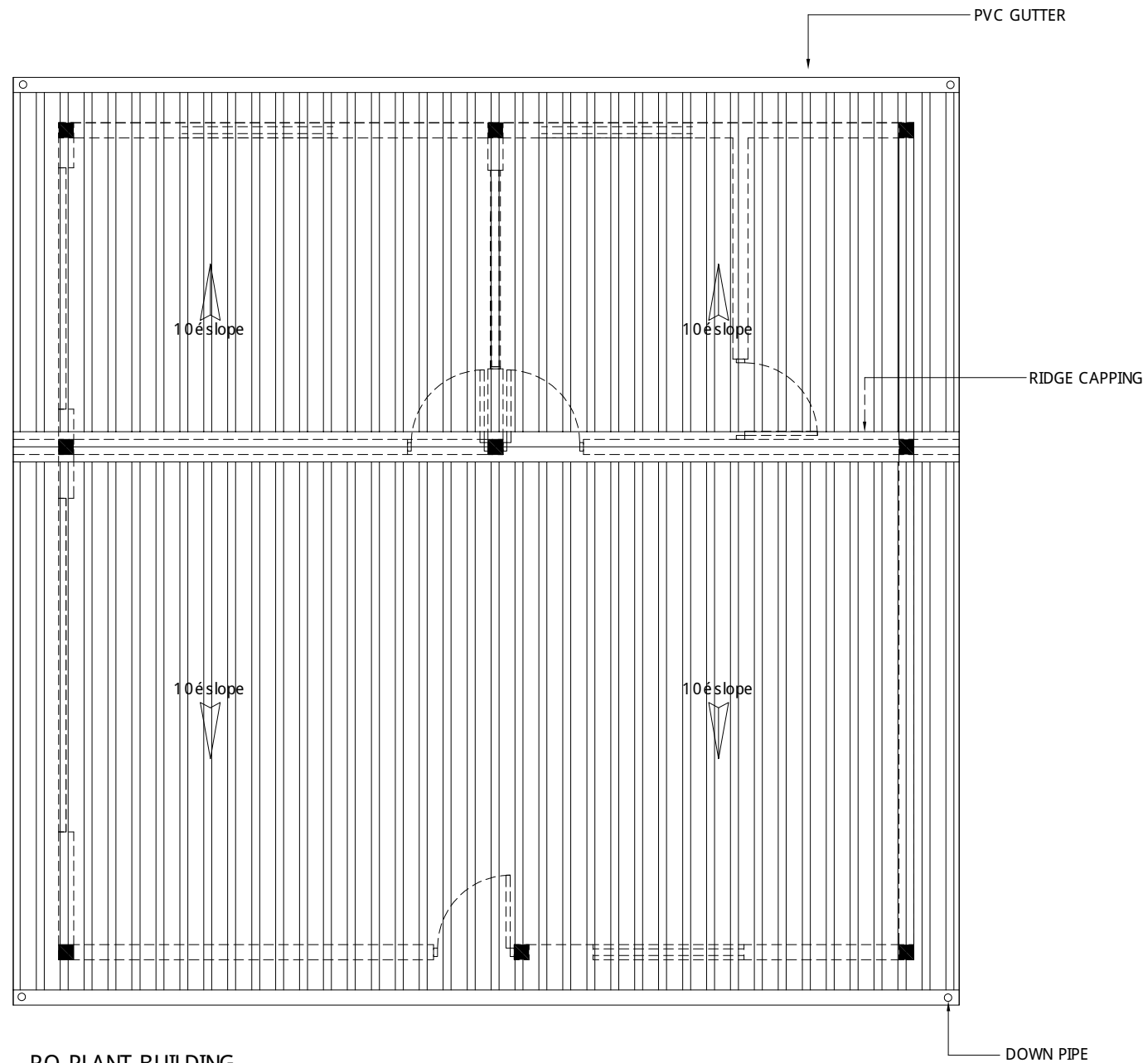
PROPOSED LOCATIONS FOR RO PLANT BUILDING
H.DH VAIKARADHOO



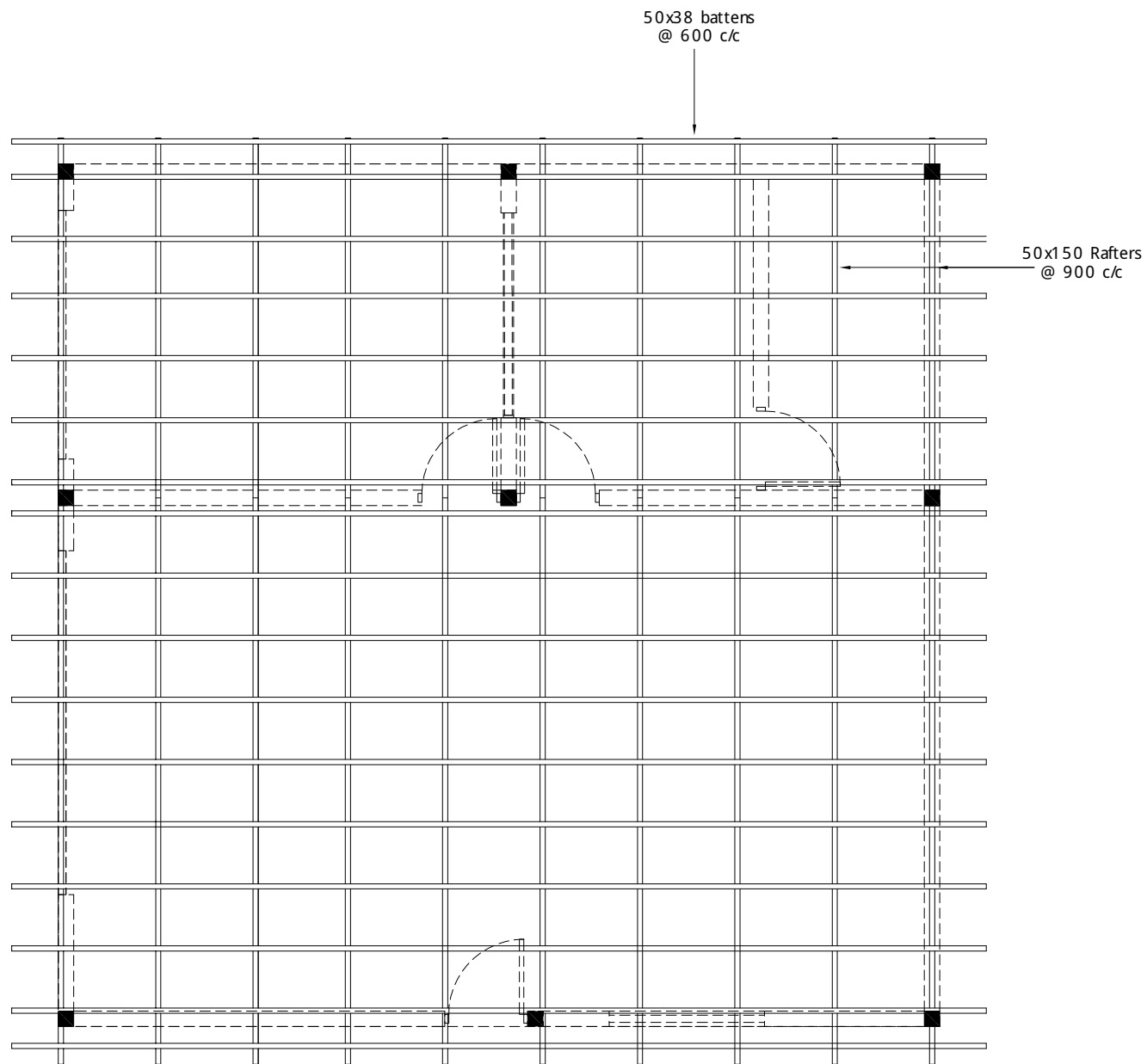
WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING SITE PLAN
HAA DHAALU VAIKARADHOO



RO PLANT BUILDING
FLOOR PLAN H.DH VAIKARADHOO

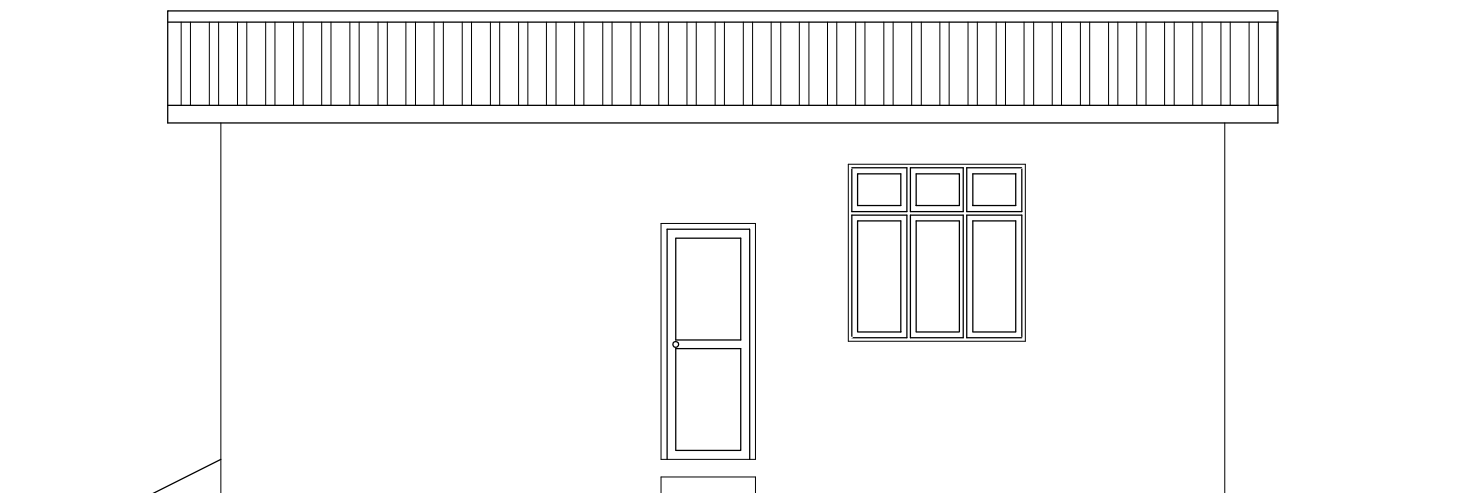


RO PLANT BUILDING
 ROOF PLAN H.DH VAIKARADHOO

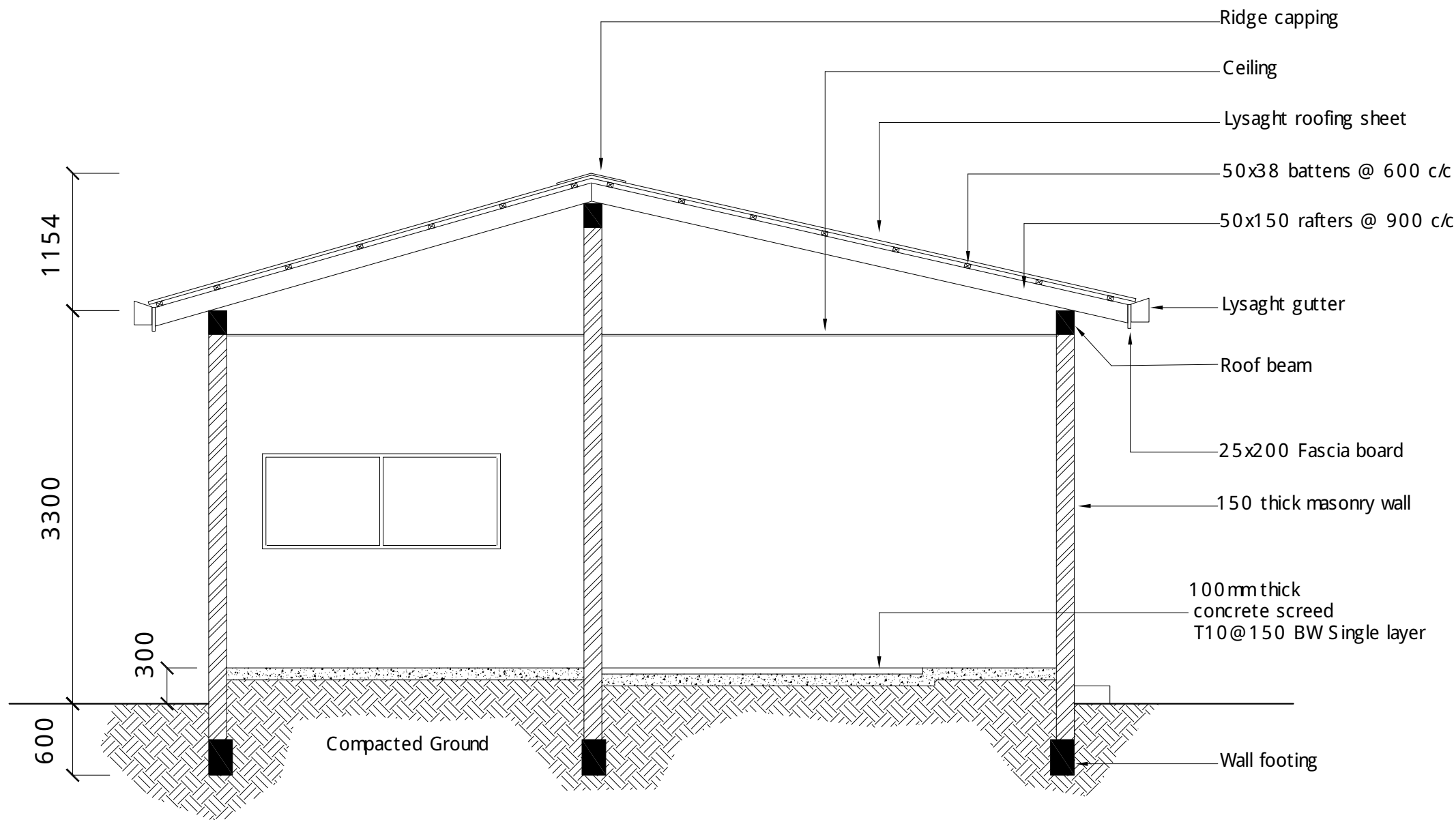


RO PLANT BUILDING
ROOF STRUCTURE

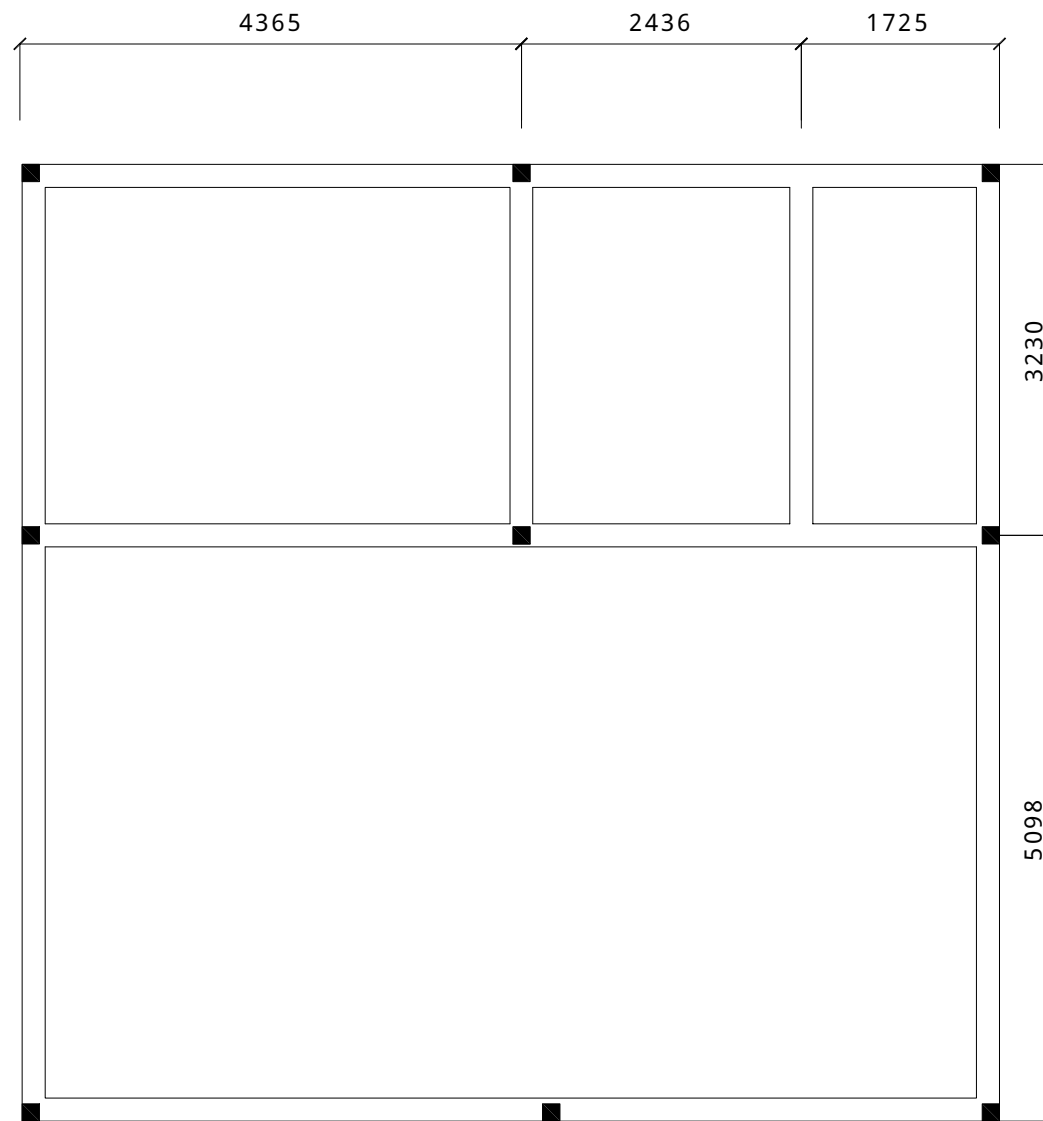
H.DH VAIKARADHOO



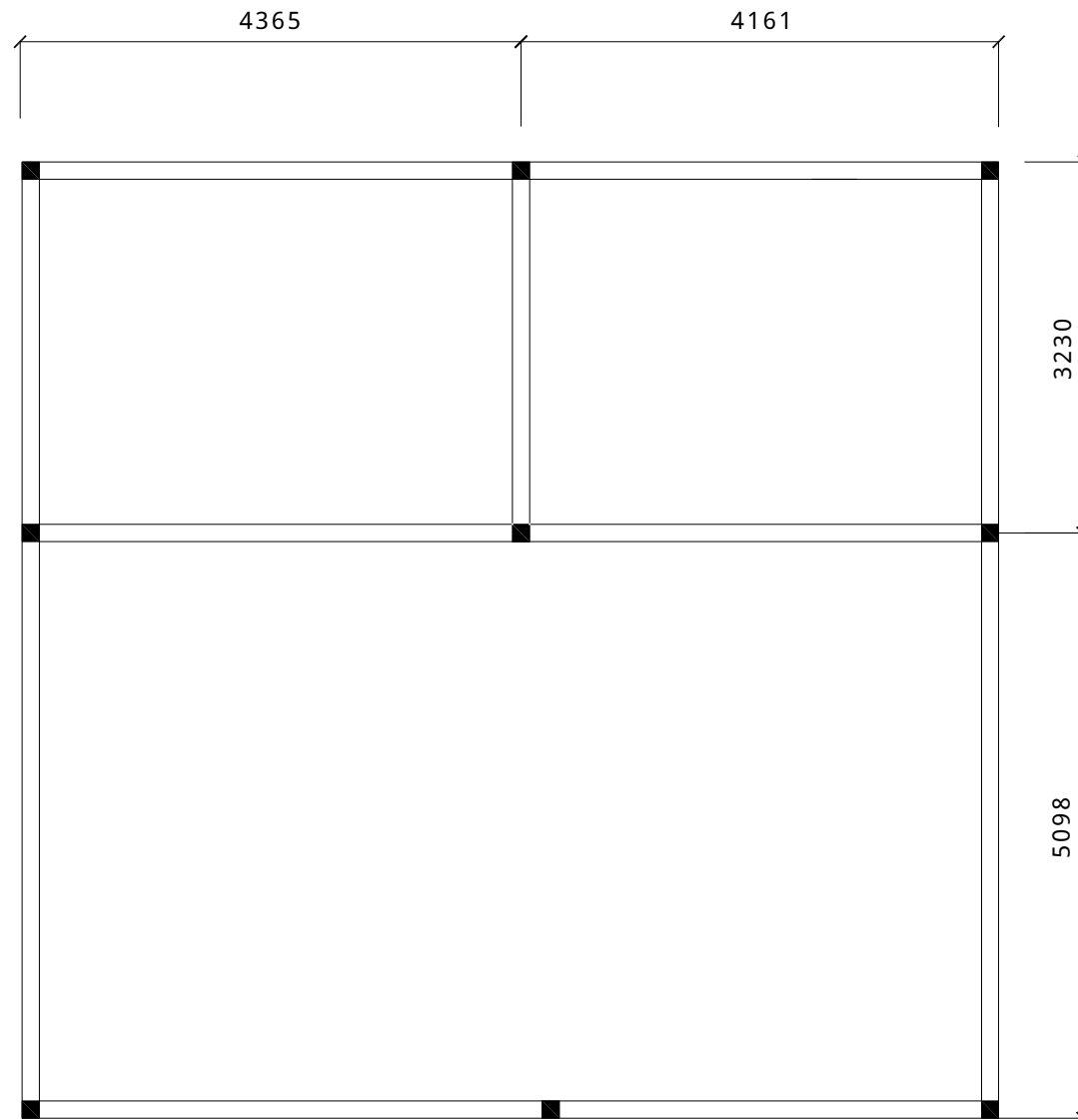
RO PLANT BUILDING
FRONT ELEVATION H.DH VAIKARADHOO



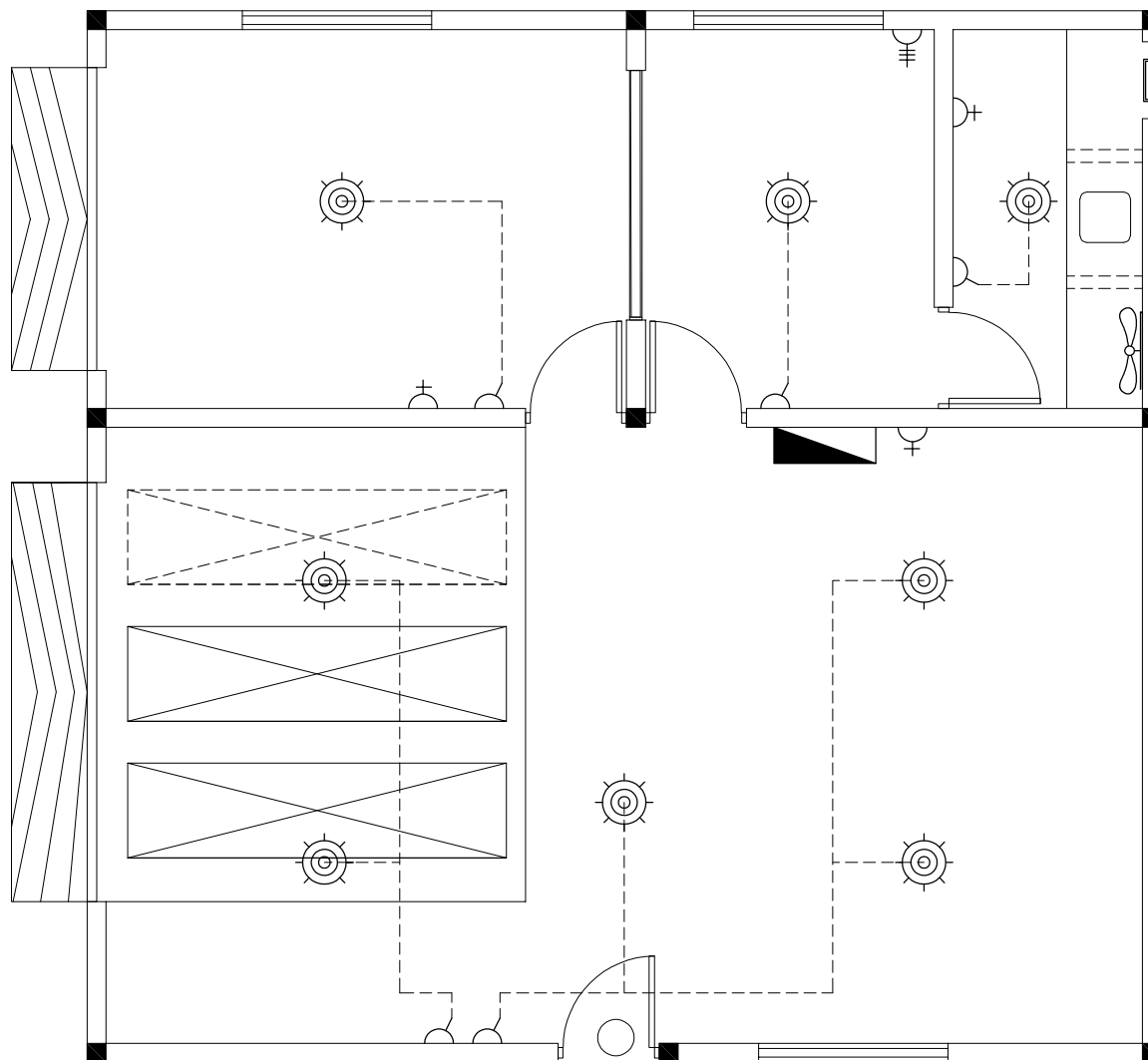
RO PLANT BUILDING
SECTION X-X H.DH VAIKARADHOO



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

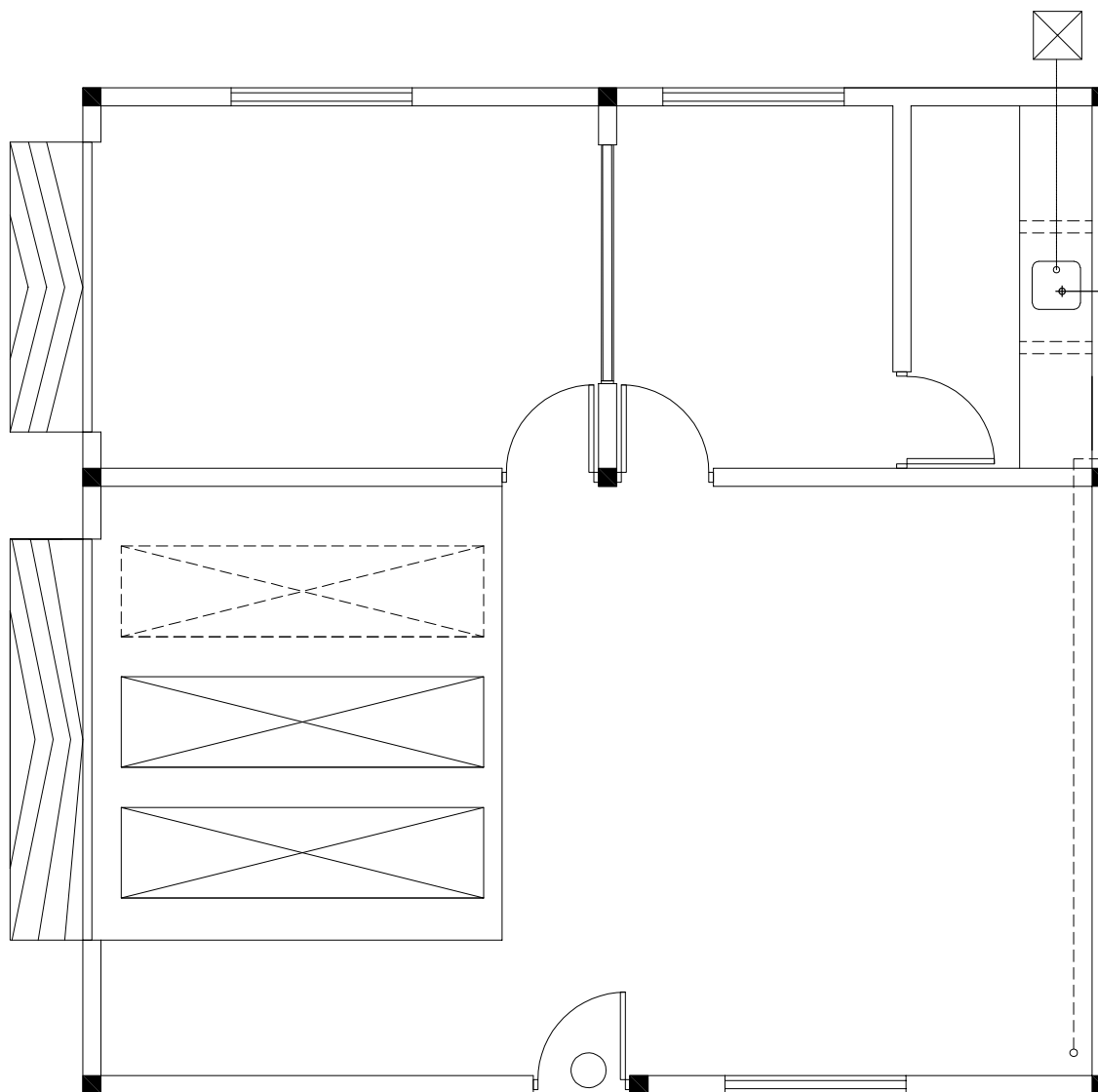






WALL MOUNT FAN



RO PLANT BUILDING
ELECTRICAL LAYOUT

H.DH VAIKARADHOO



-  PVC Sink Tap
-  Soak pit
-  25mm PVC Pipe
-  50mm PVC Main Pipe

RO PLANT BUILDING
PLUMBING LAYOUT

H.DH VAIKARADHOO

N. HOLHUDHOO RO PLANT BUILDING AND WATER SUPPLY FACILITY

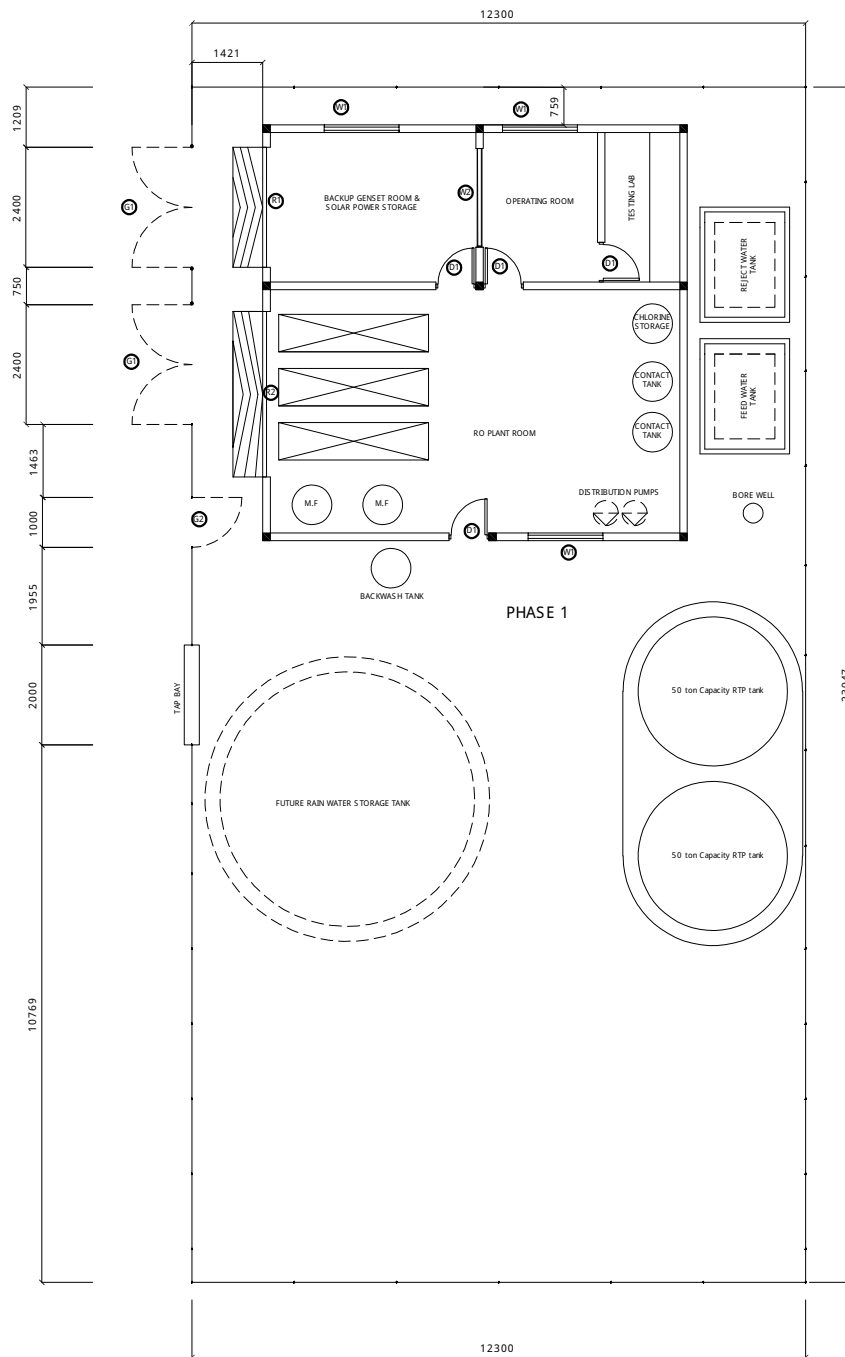


WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

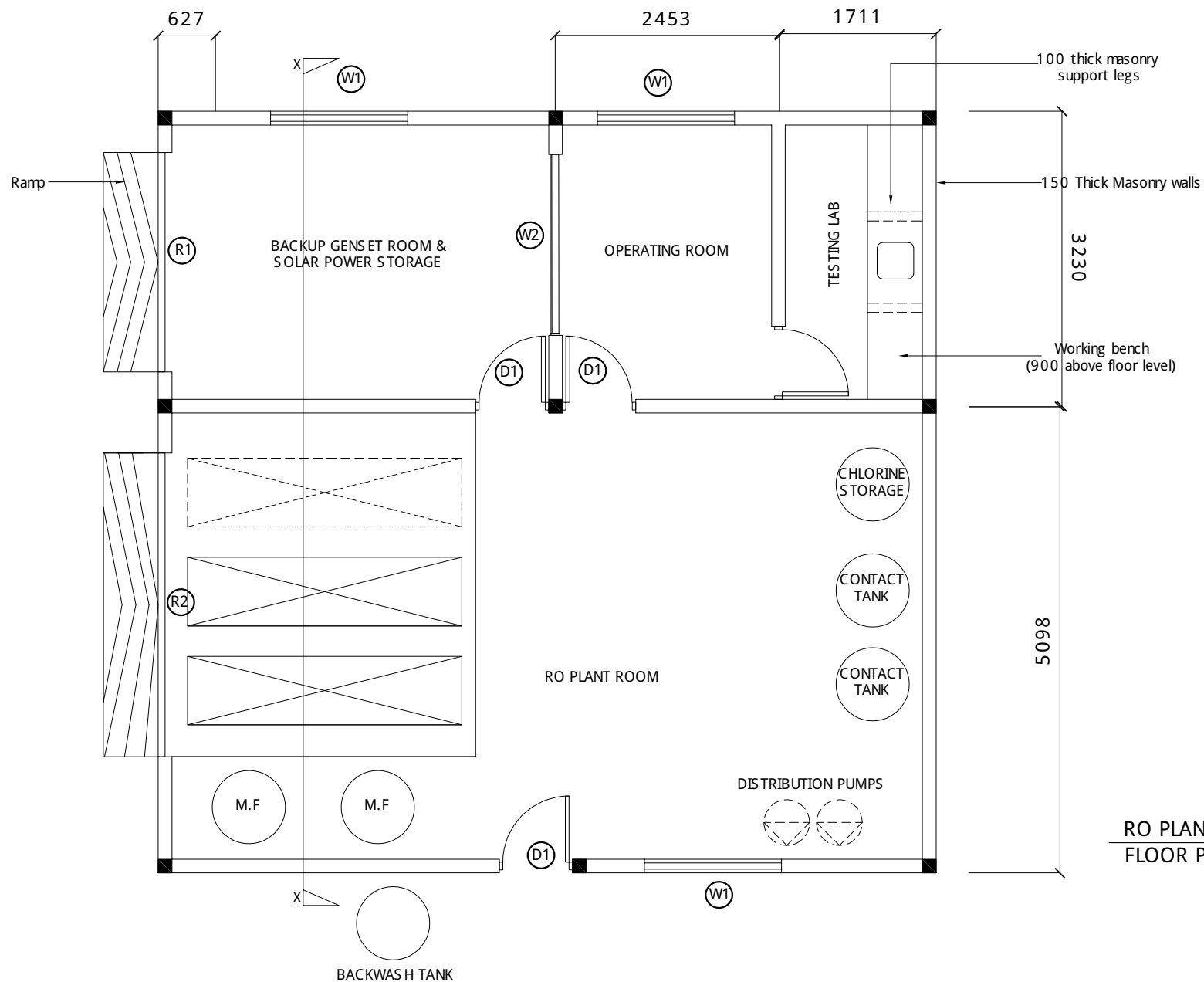
HANDHUVAREE HINGUN MALE 20-01
REPUBLIC OF MALDIVES



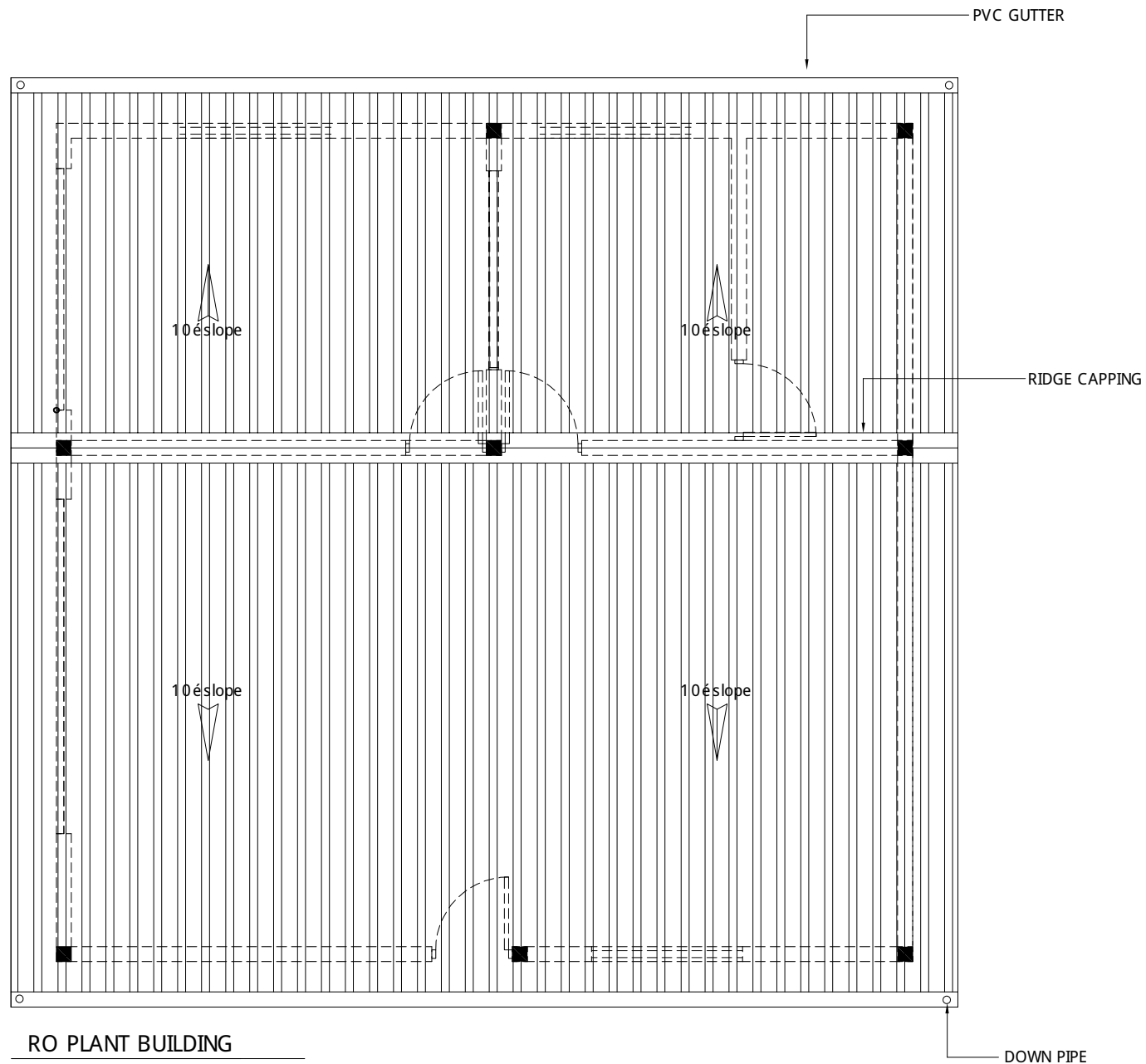
RO PLANT BUILDING AND CRITICAL
DEVELOPMENTS
N. HOLHUDHOO

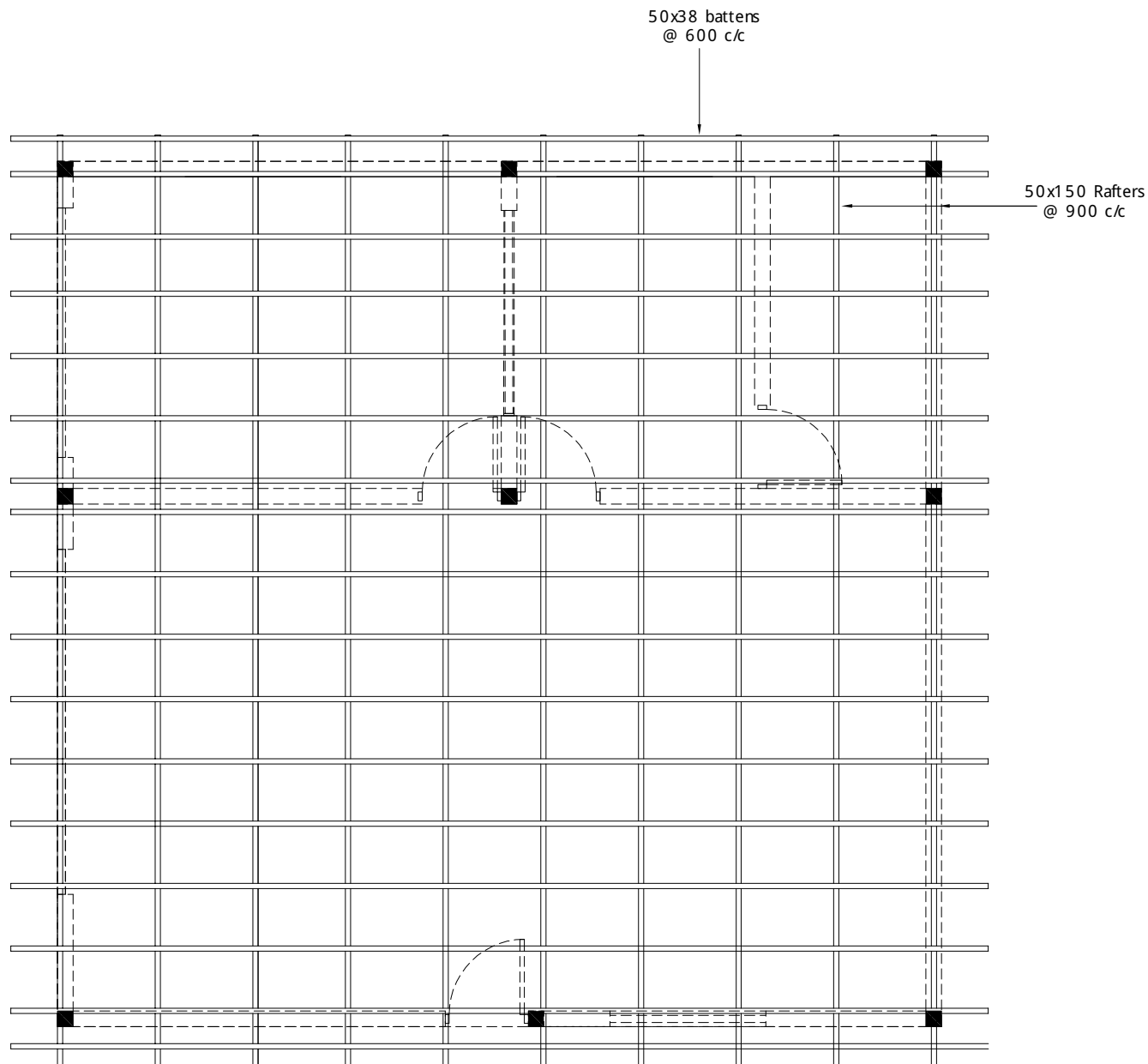


WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING SITE PLAN
NOONU HOLHUDHOO

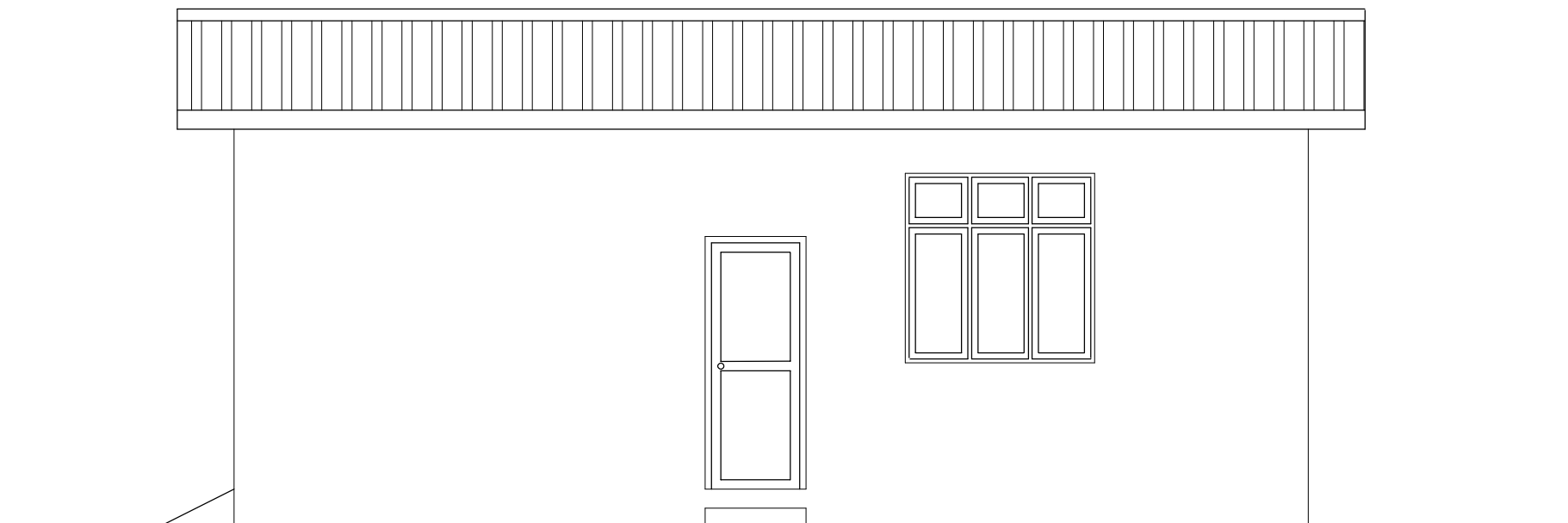


RO PLANT BUILDING
FLOOR PLAN N.HOLHUDHOO

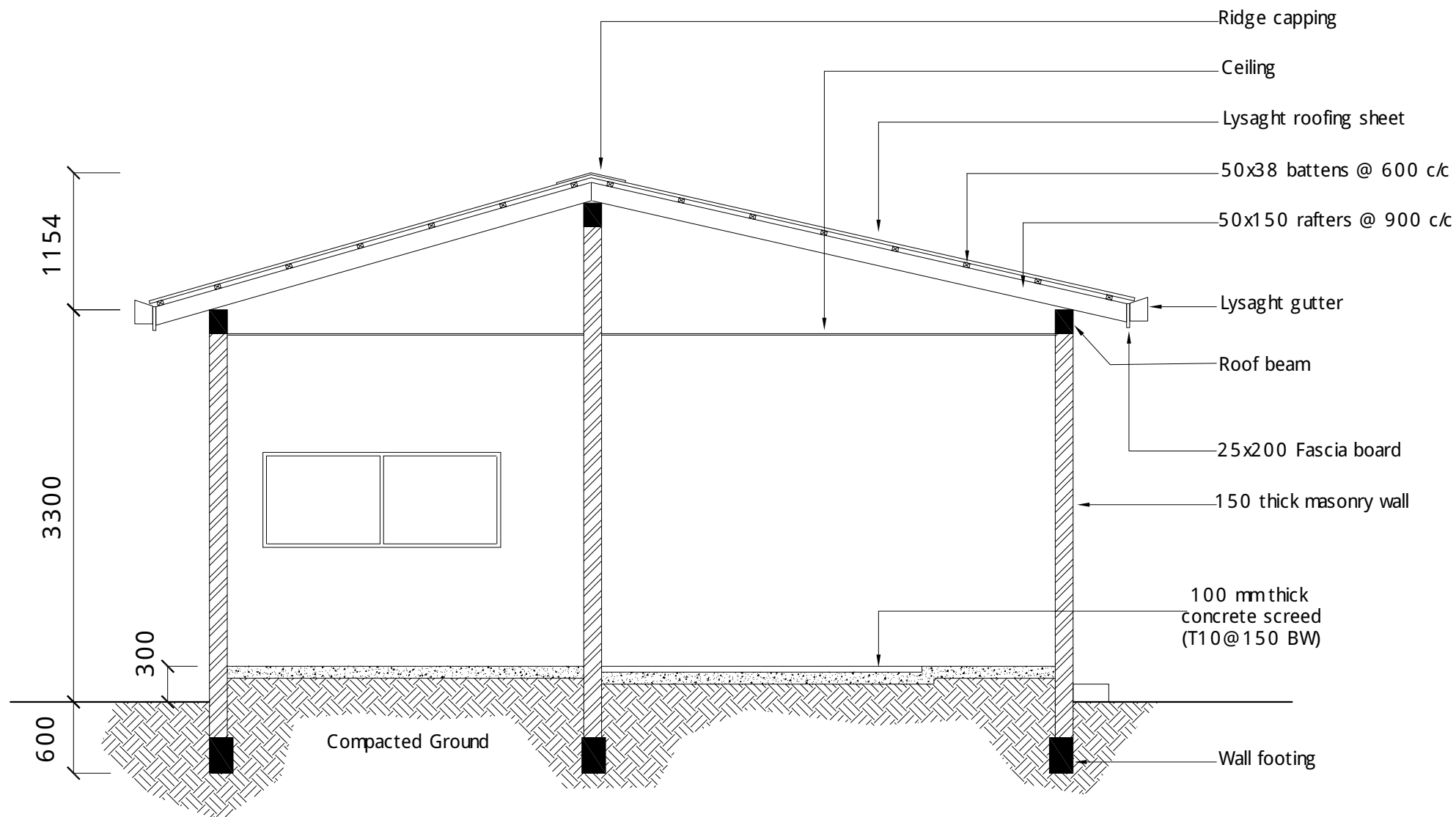




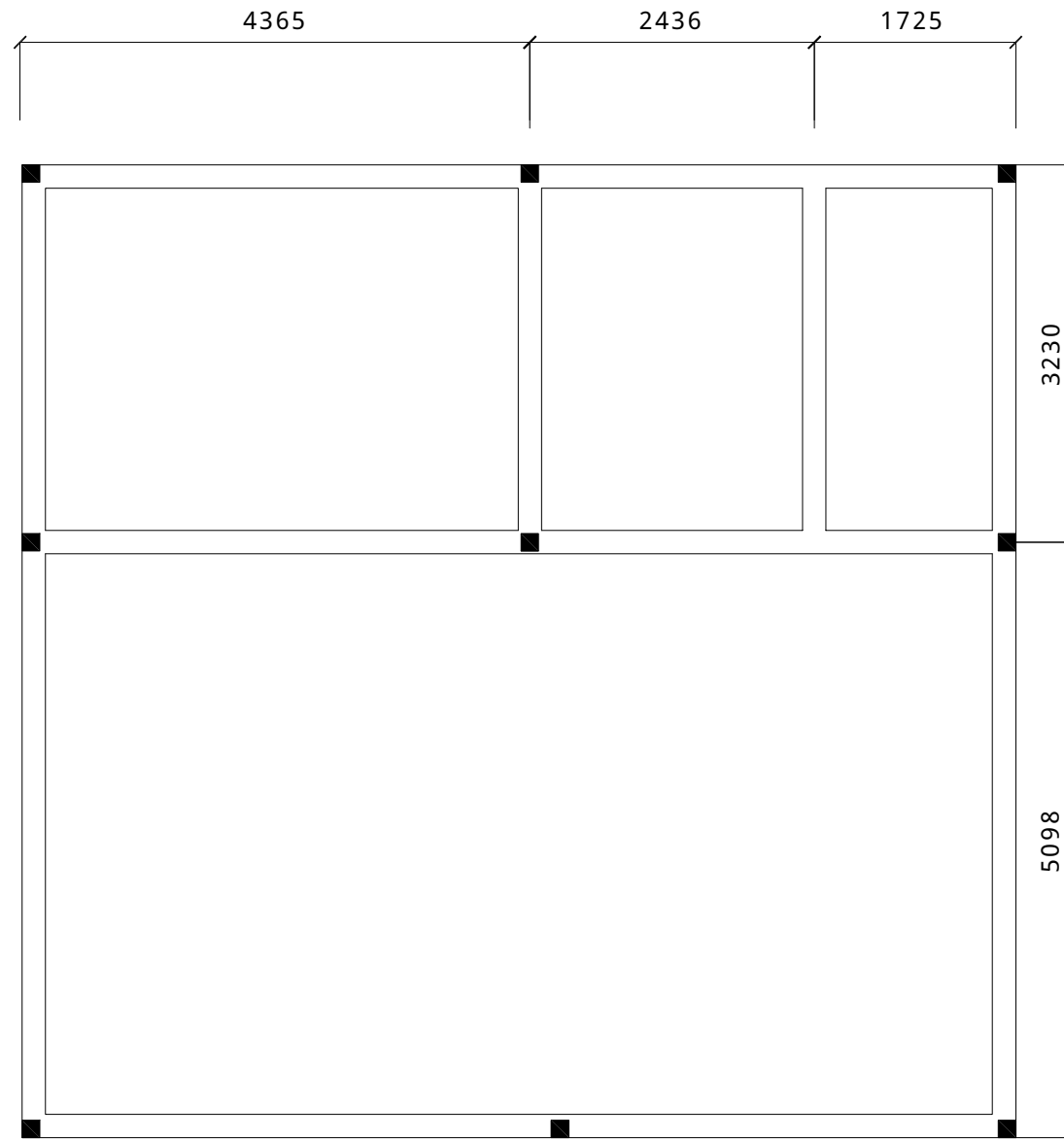
RO PLANT BUILDING N.HOLHUDHOO
ROOF STRUCTURE



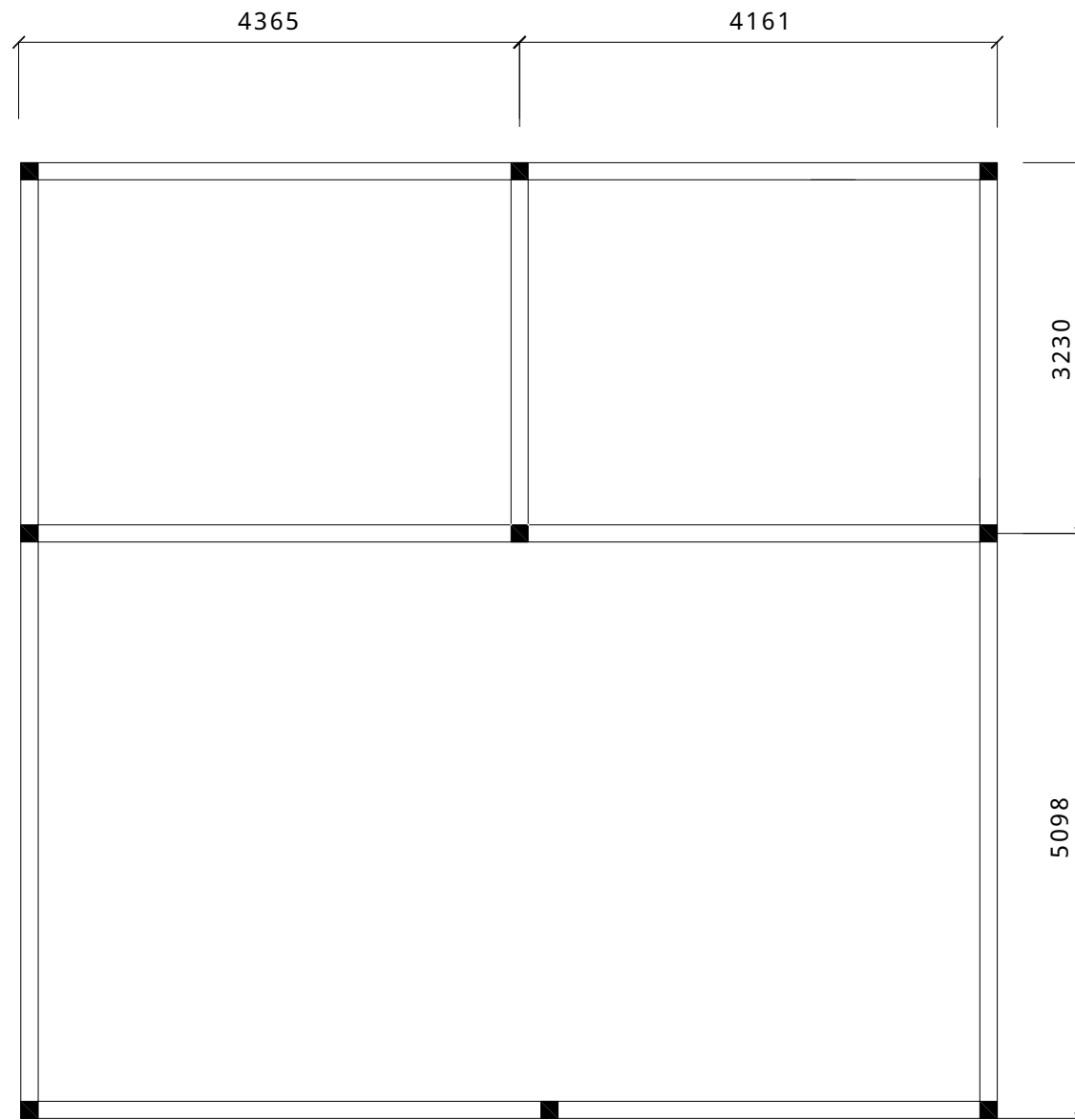
RO PLANT BUILDING
FRONT ELEVATION N.HOLHUDHOO



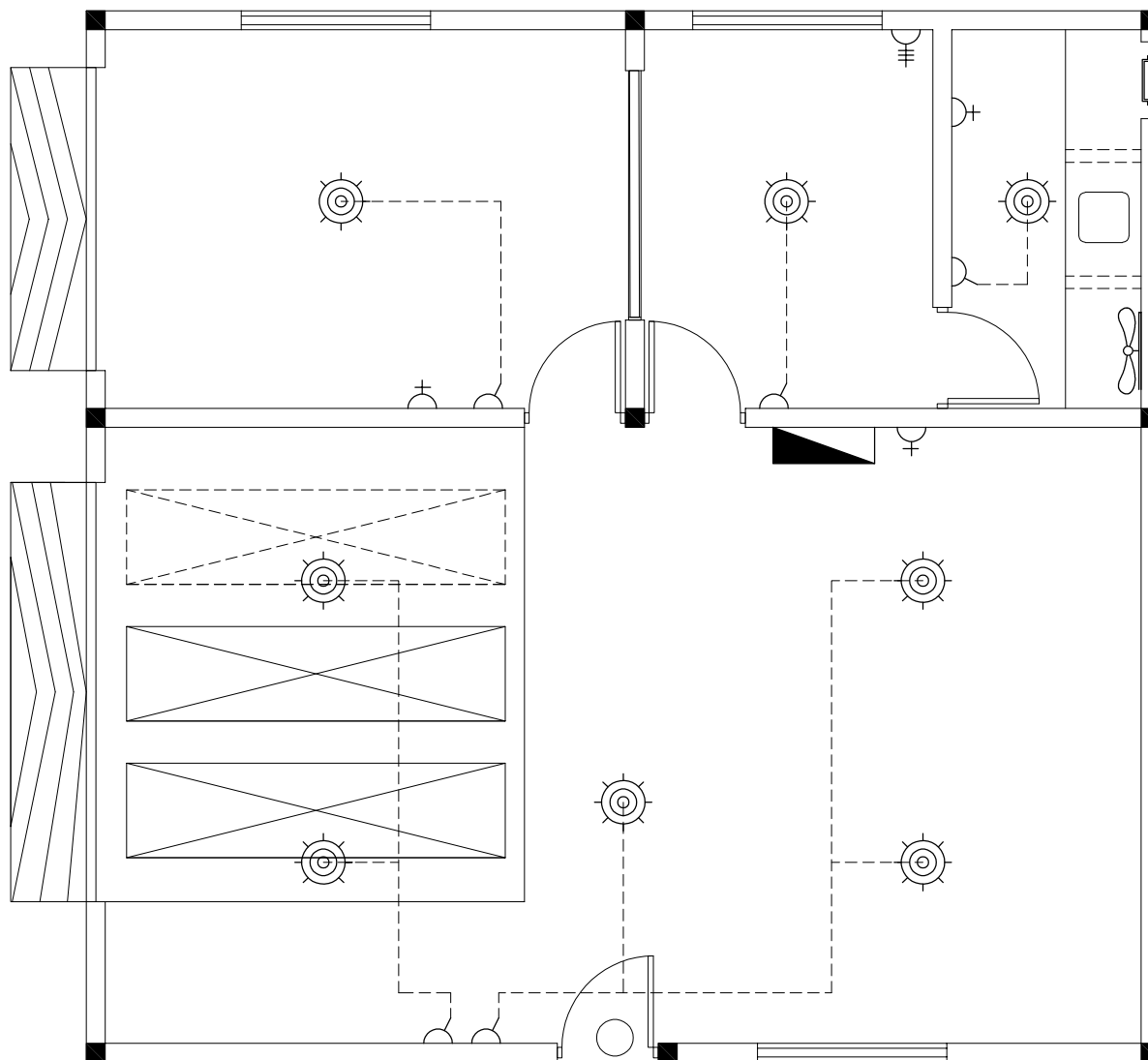
RO PLANT BUILDING
SECTION X-X N.HOLHUDHOO



RO PLANT BUILDING
WALL FOOTING PLAN N.HOLHUDHOO



RO PLANT BUILDING
ROOF BEAM PLAN N.HOLHUDHOO



DISTRIBUTION BOARD



100W ENERGY SAVING LIGHT



POWER SOCKET
[0.4m ABOVE GROUND]



POWER SOCKET
[0.4m BELOW CEILING]



SINGLE GANG SWITCH



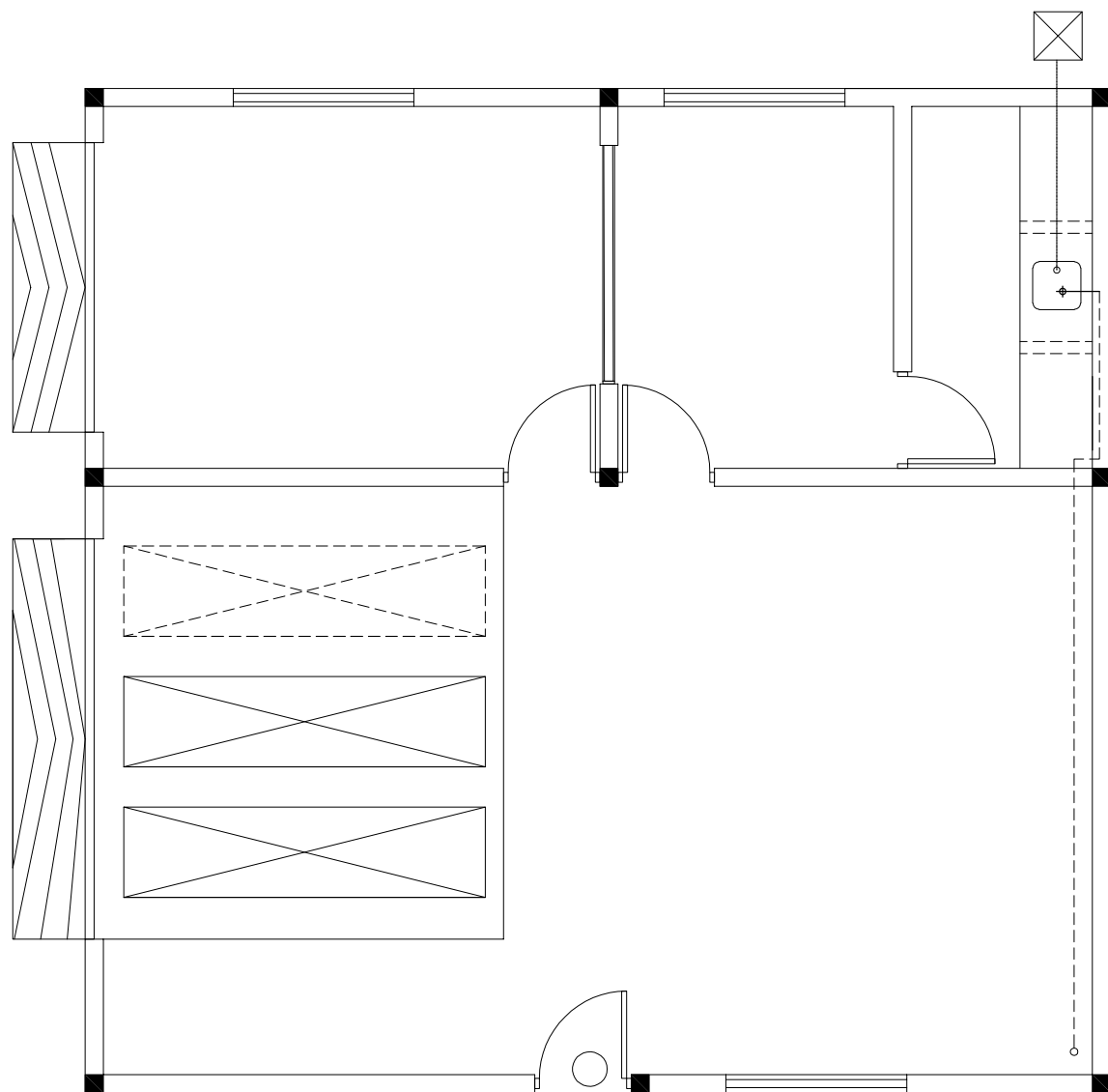
WALL MOUNT EXHAUST FAN



WALL MOUNT FAN



RO PLANT BUILDING ELECTRICAL LAYOUT N.HOLHUDHOO



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

RO PLANT BUILDING
PLUMBING LAYOUT N.HOLHUDHOO

R. INGURAI DHOO RO PLANT BUILDING AND WATER SUPPLY FACILITY



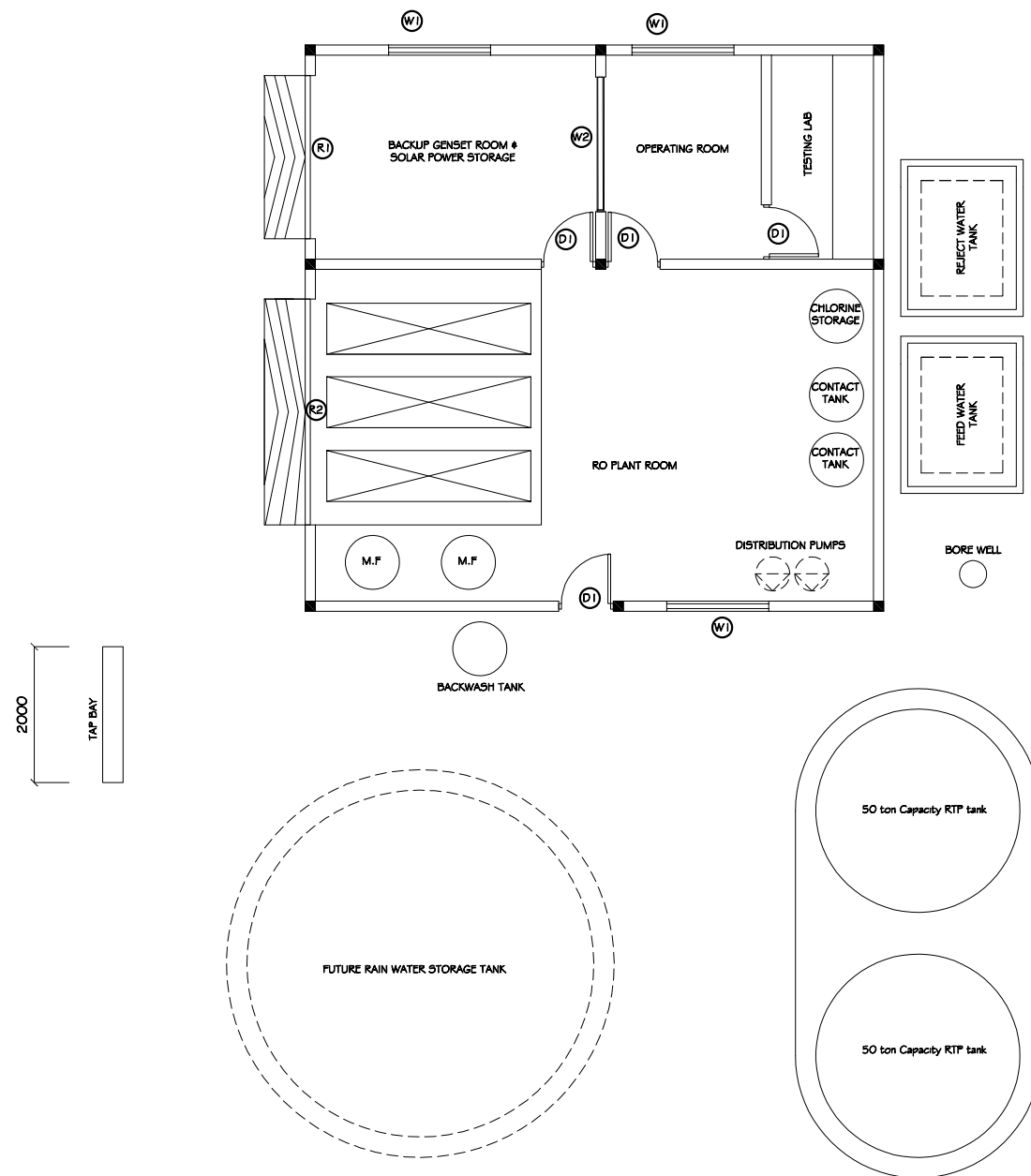
WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE 20-01
REPUBLIC OF MALDIVES

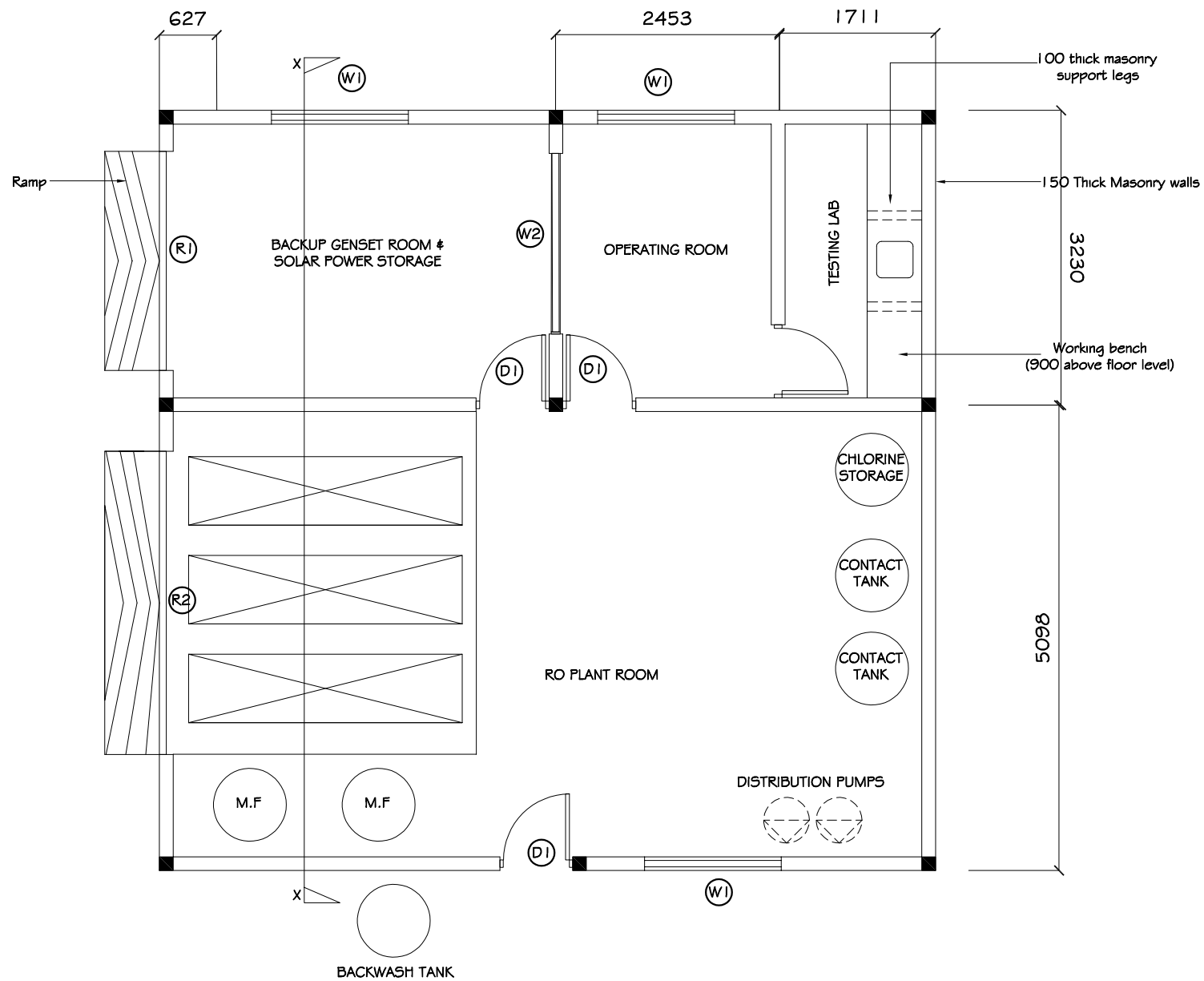


RO PLANT BUILDING AND CRITICAL
DEVELOPMENTS
R. INGURAI DHOO

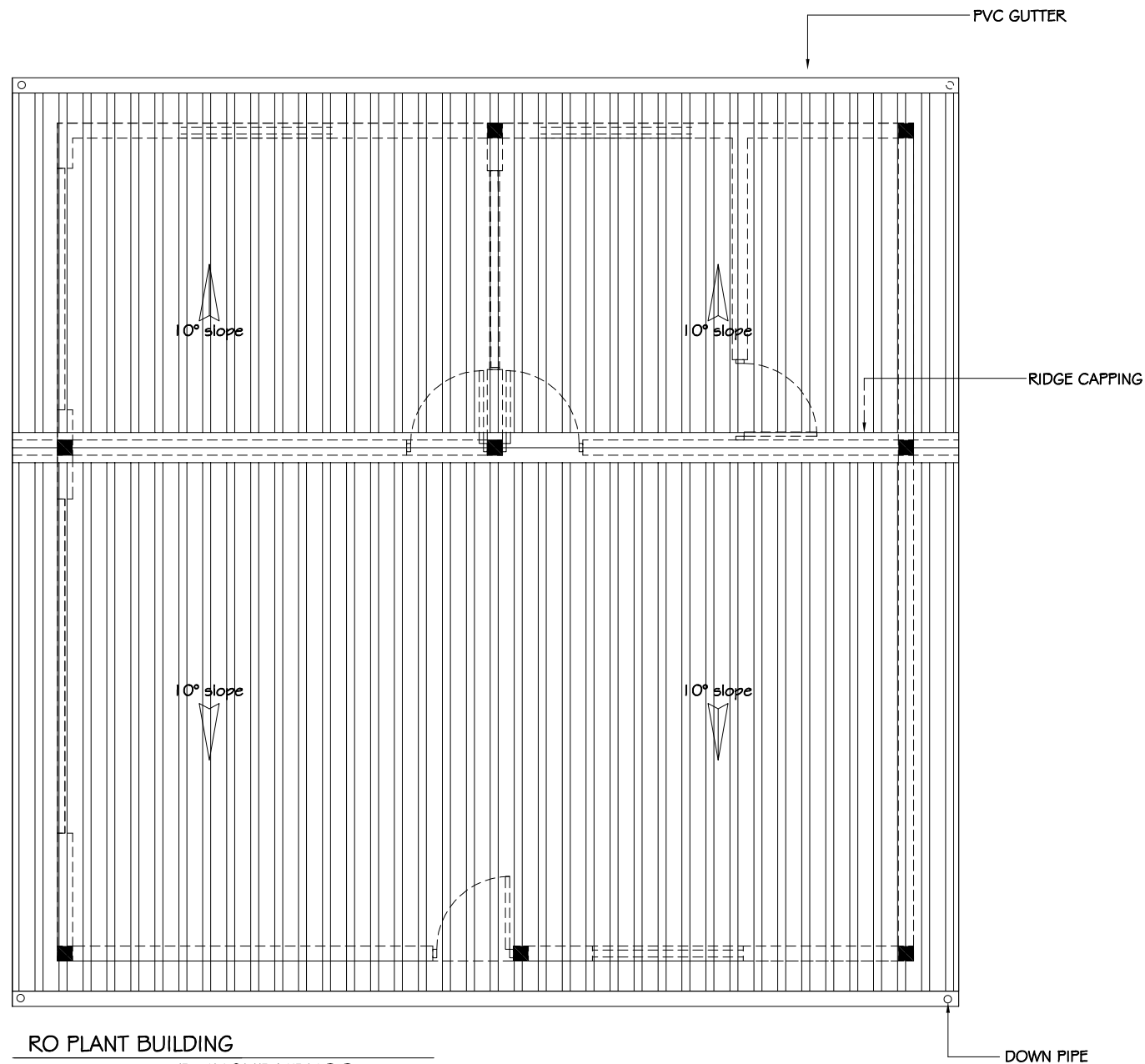
Google

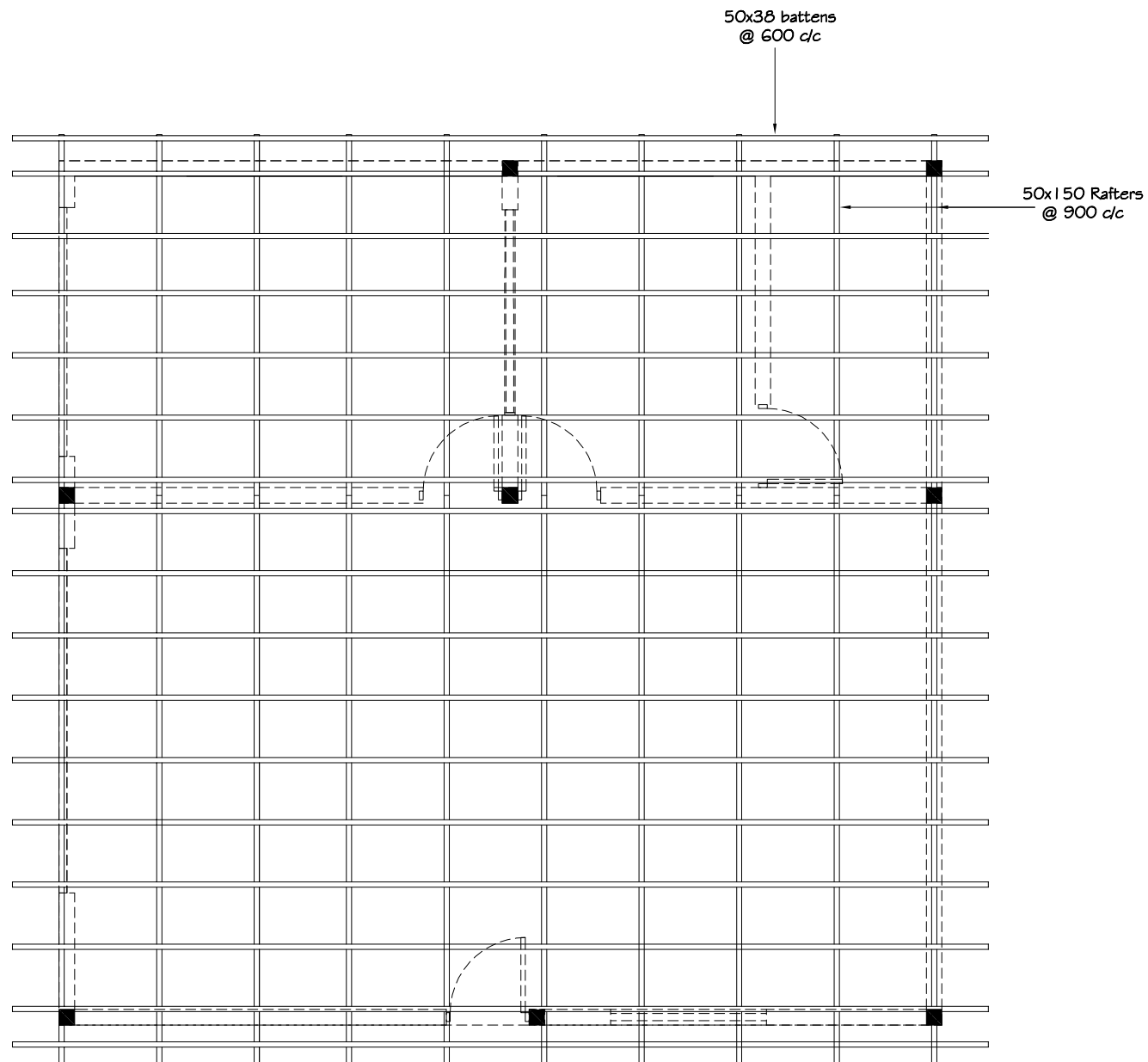


WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING SITE PLAN
RAA INGURAIDHOO

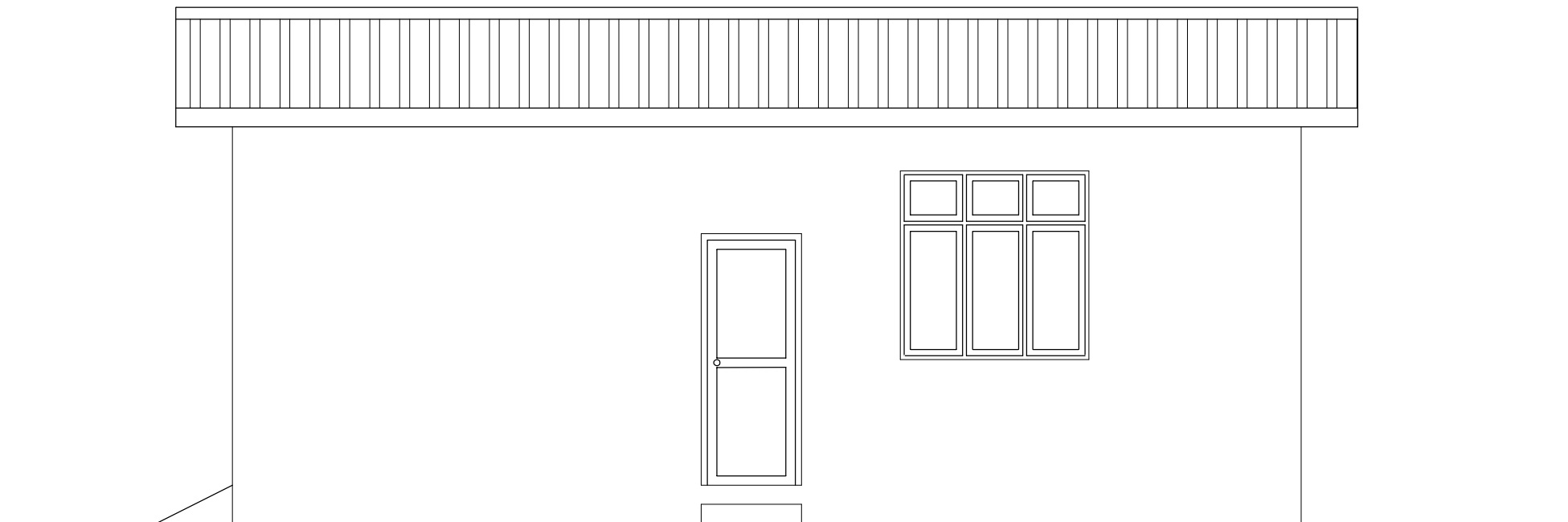


RO PLANT BUILDING
FLOOR PLAN R. INGURAI DHOO

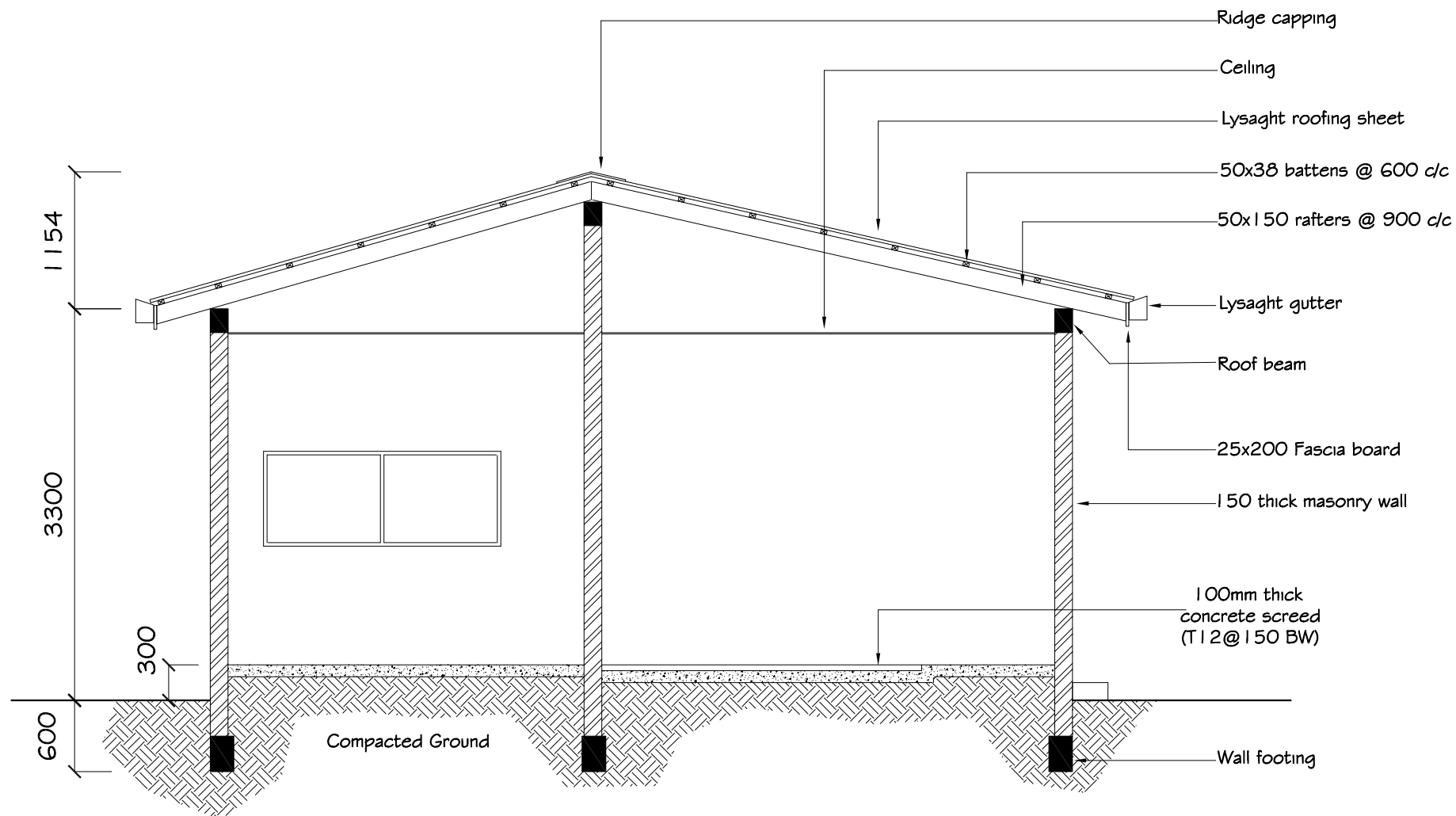




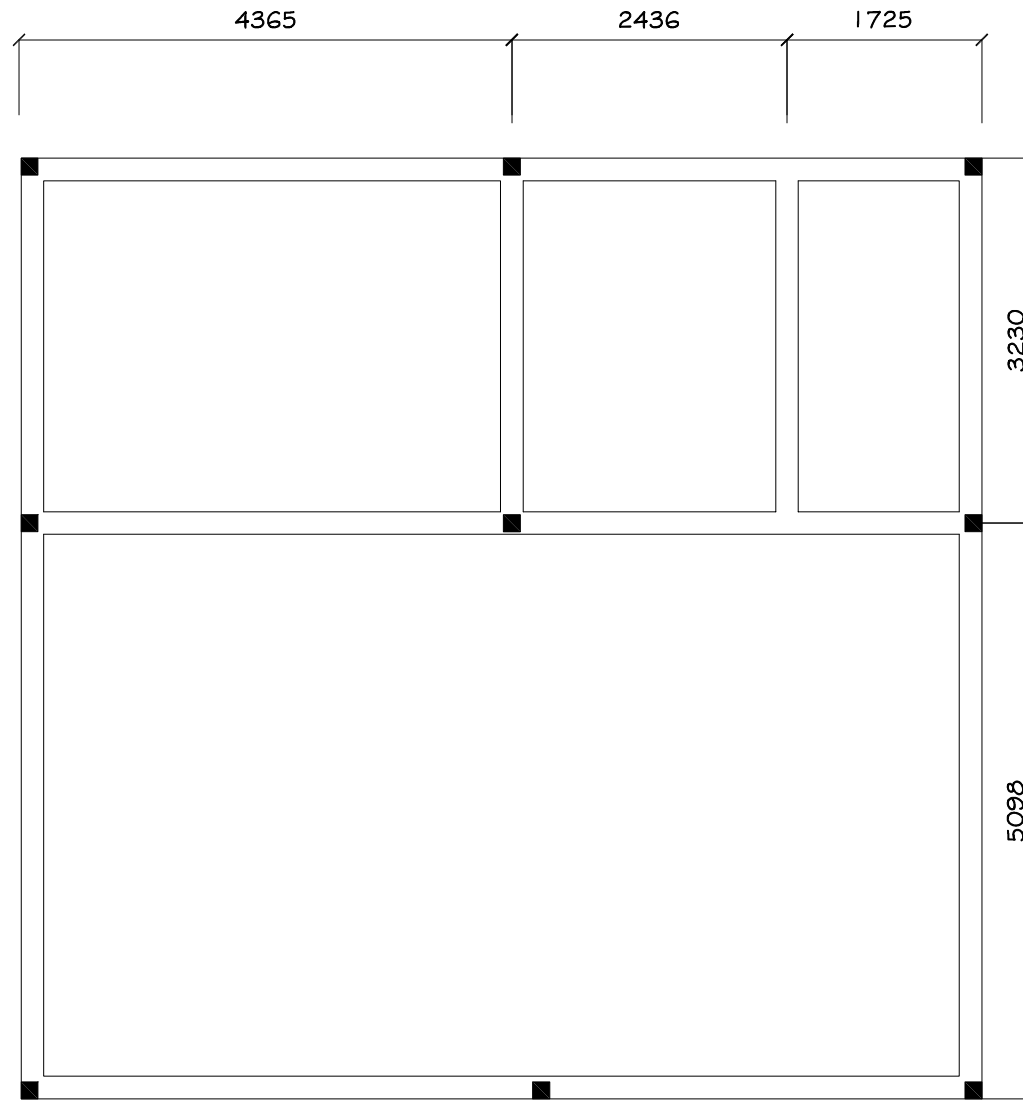
RO PLANT BUILDING
ROOF STRUCTURE R. INGURAIDHOO

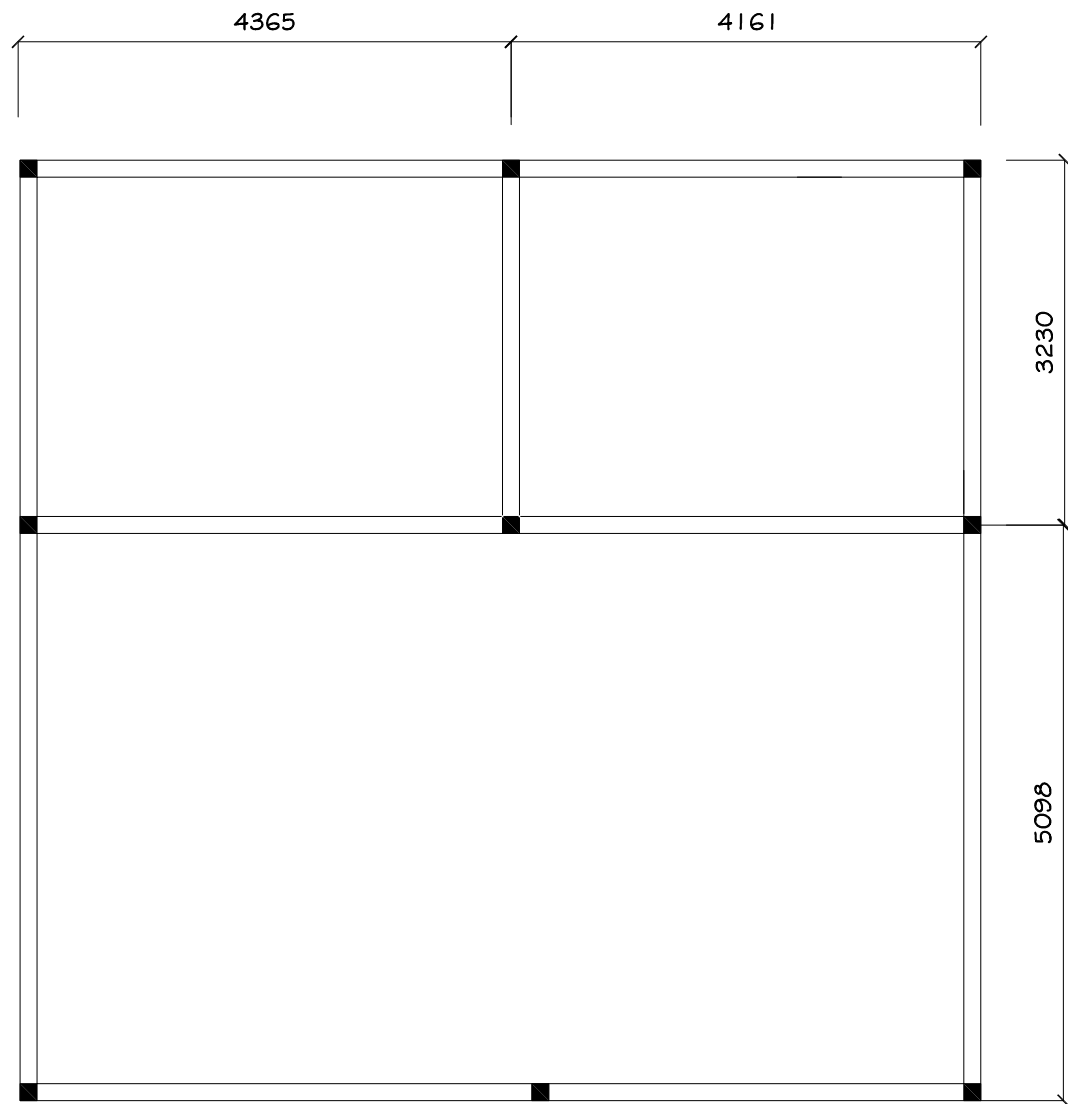


RO PLANT BUILDING
FRONT ELEVATION R. INGURAI DHOO

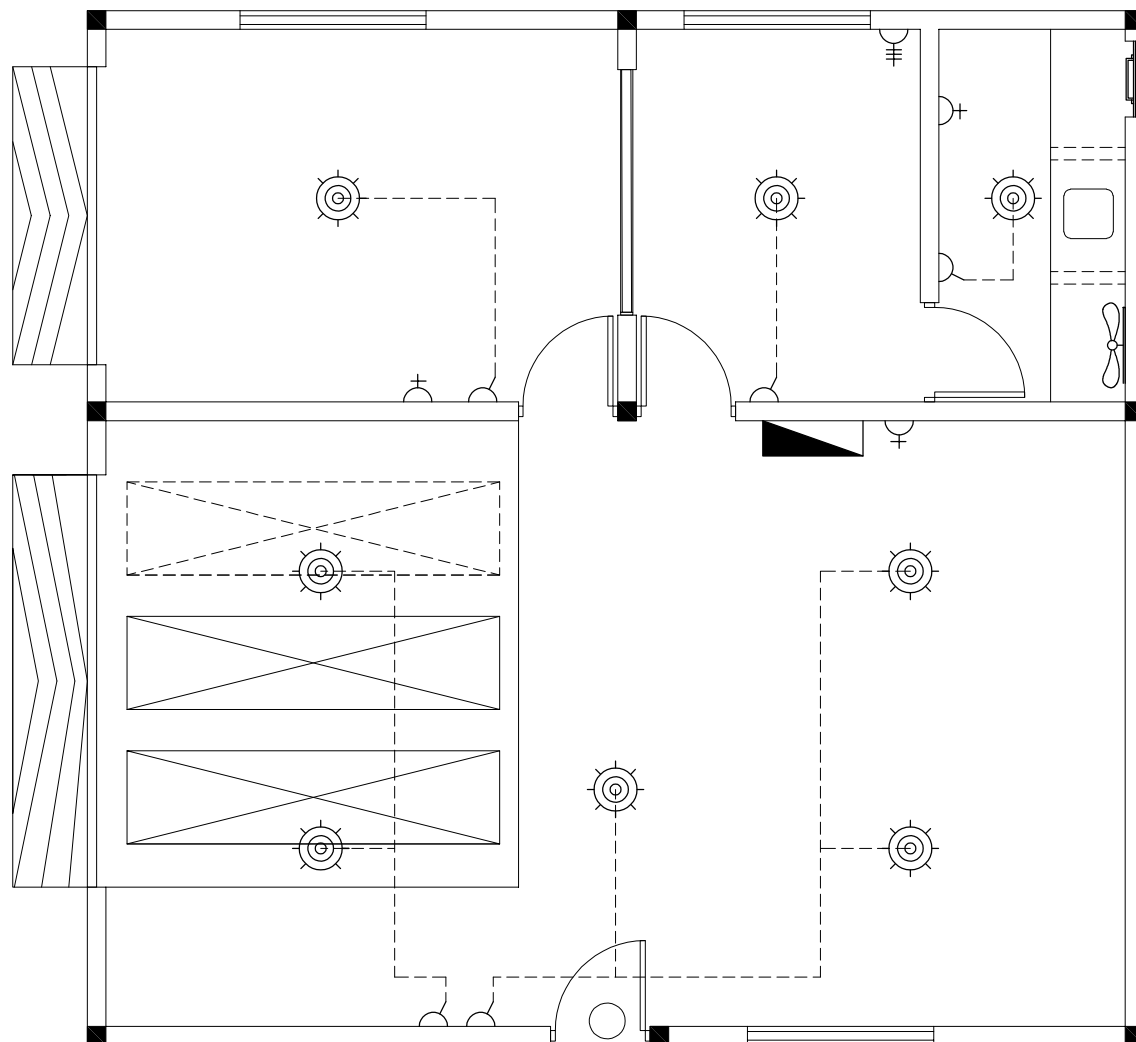


RO PLANT BUILDING
SECTION X-X R. INGURAI DHOO





RO PLANT BUILDING
ROOF BEAM PLAN R. INGURAI DHOO



DISTRIBUTION BOARD



100W ENERGY SAVING LIGHT



POWER SOCKET
[0.4m ABOVE GROUND]



POWER SOCKET
[0.4m BELOW CEILING]



SINGLE GANG SWITCH



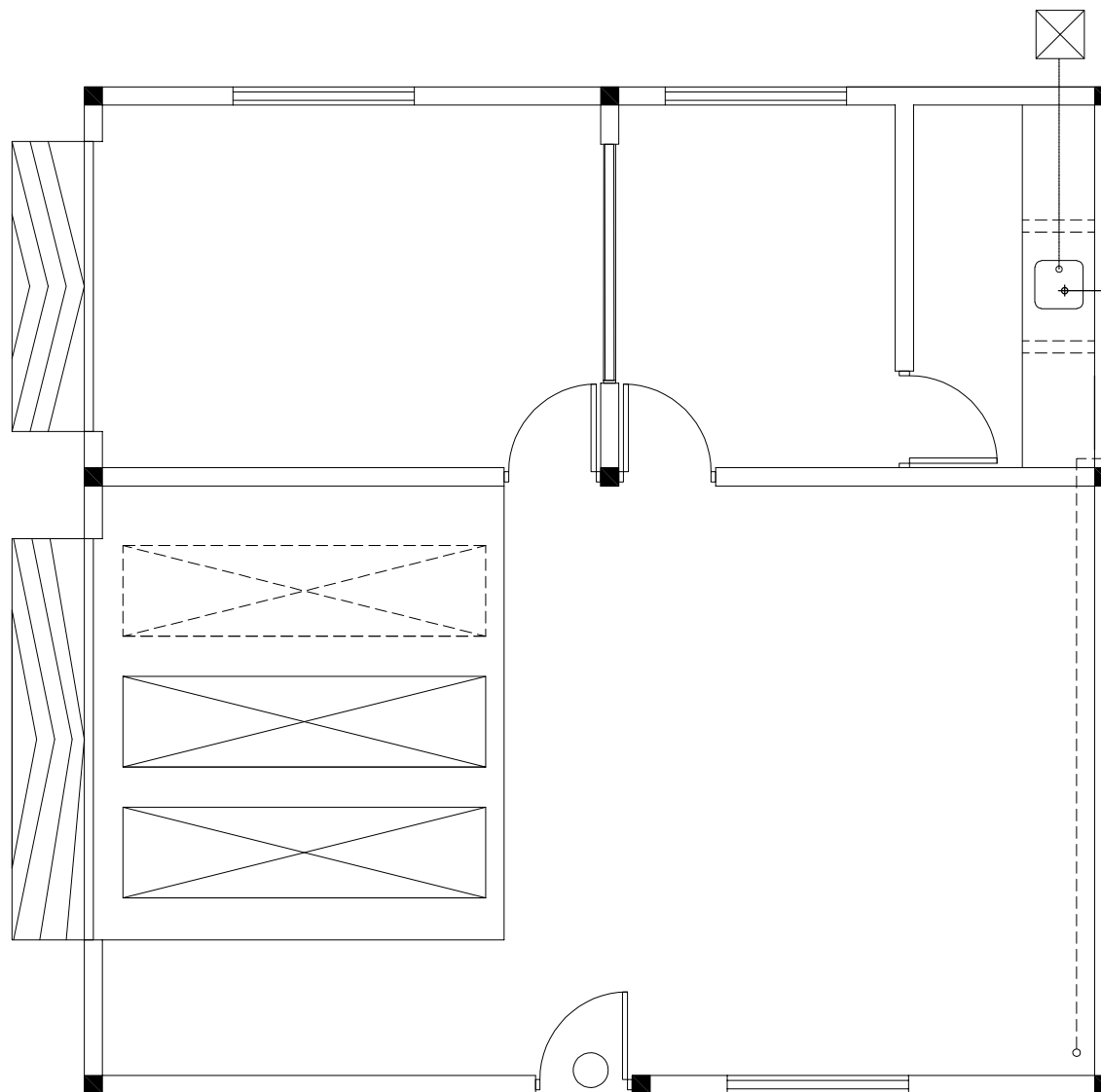
WALL MOUNT EXHAUST FAN







WALL MOUNT FAN



RO PLANT BUILDING
ELECTRICAL LAYOUT R. INGURAI DHOO



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

RO PLANT BUILDING
PLUMBING LAYOUT R. INGURAI DHOO

R. MAAKURATHU RO PLANT BUILDING AND WATER SUPPLY FACILITY



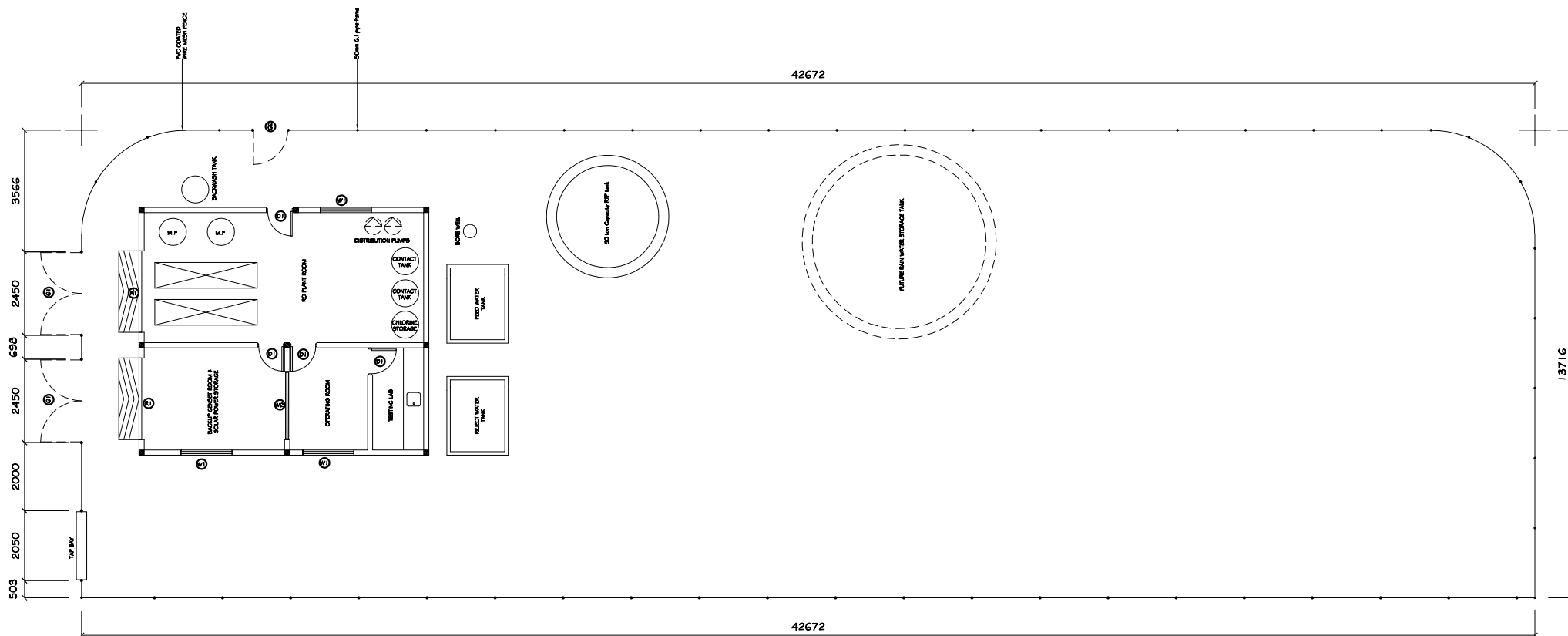
WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE' 20-01
REPUBLIC OF MALDIVES

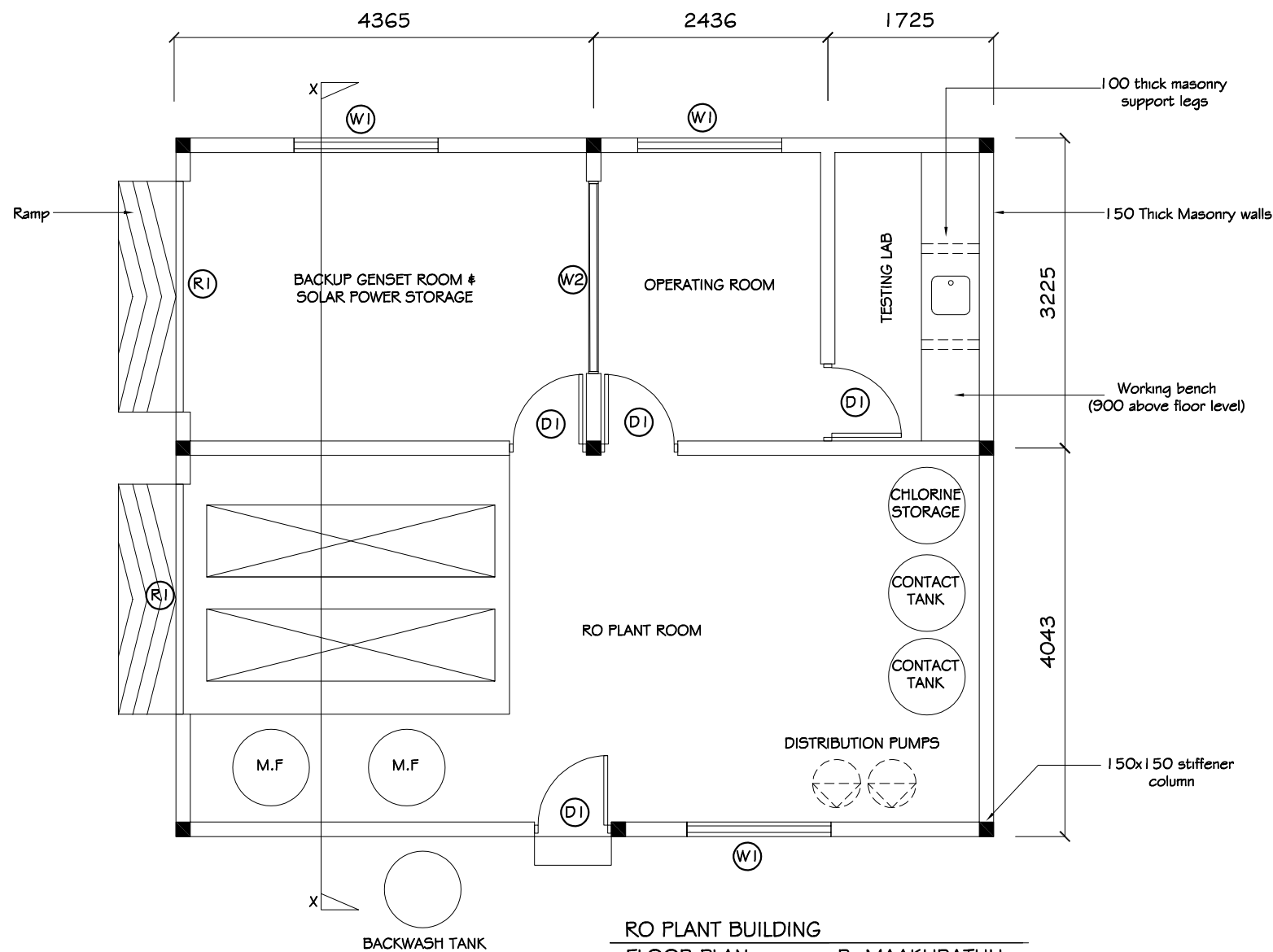


RO PLANT BUILDING AND CRITICAL DEVELOPMENTS

R. MAAKURATHU

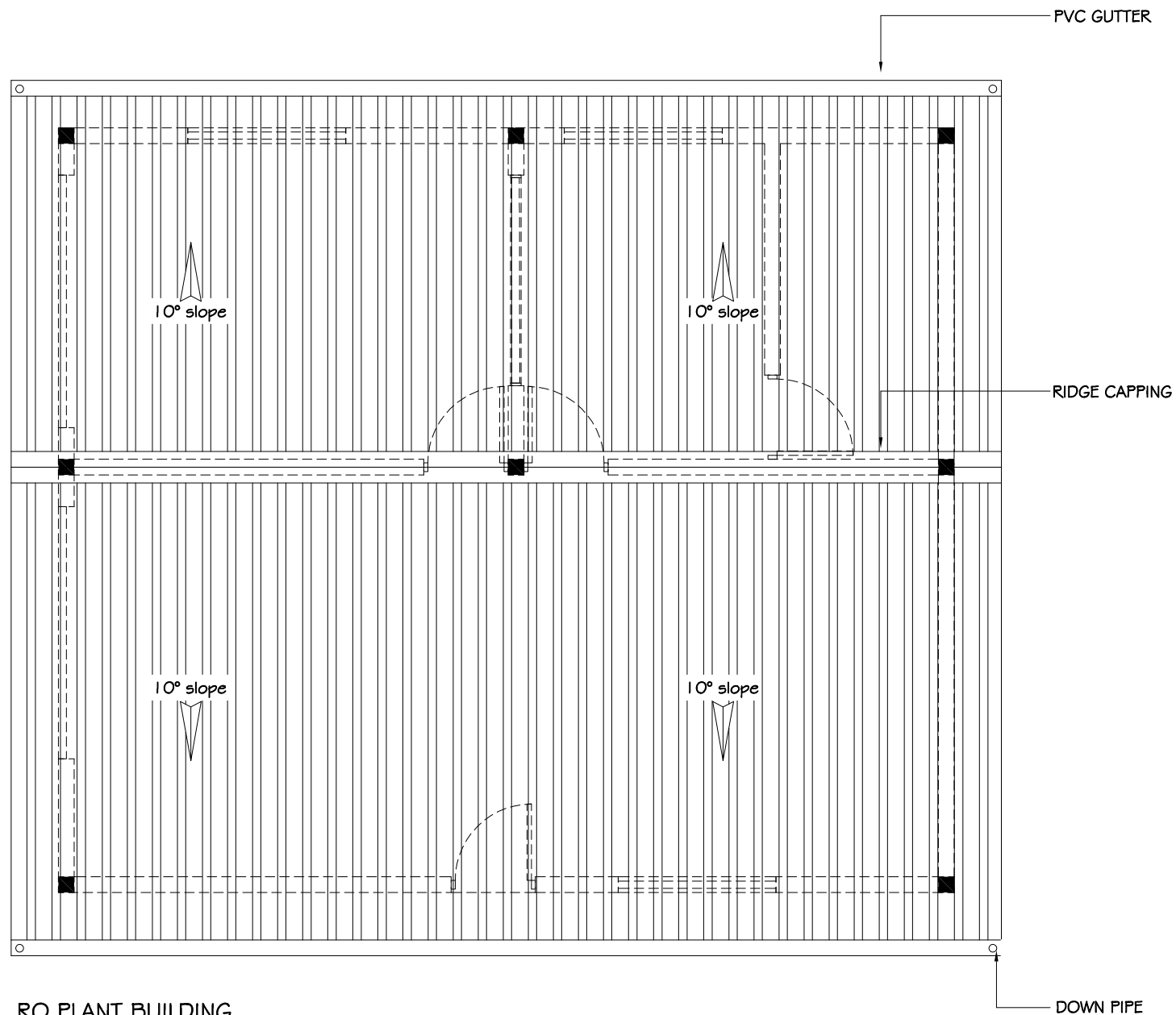


WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING
RAA MAAKURATHU



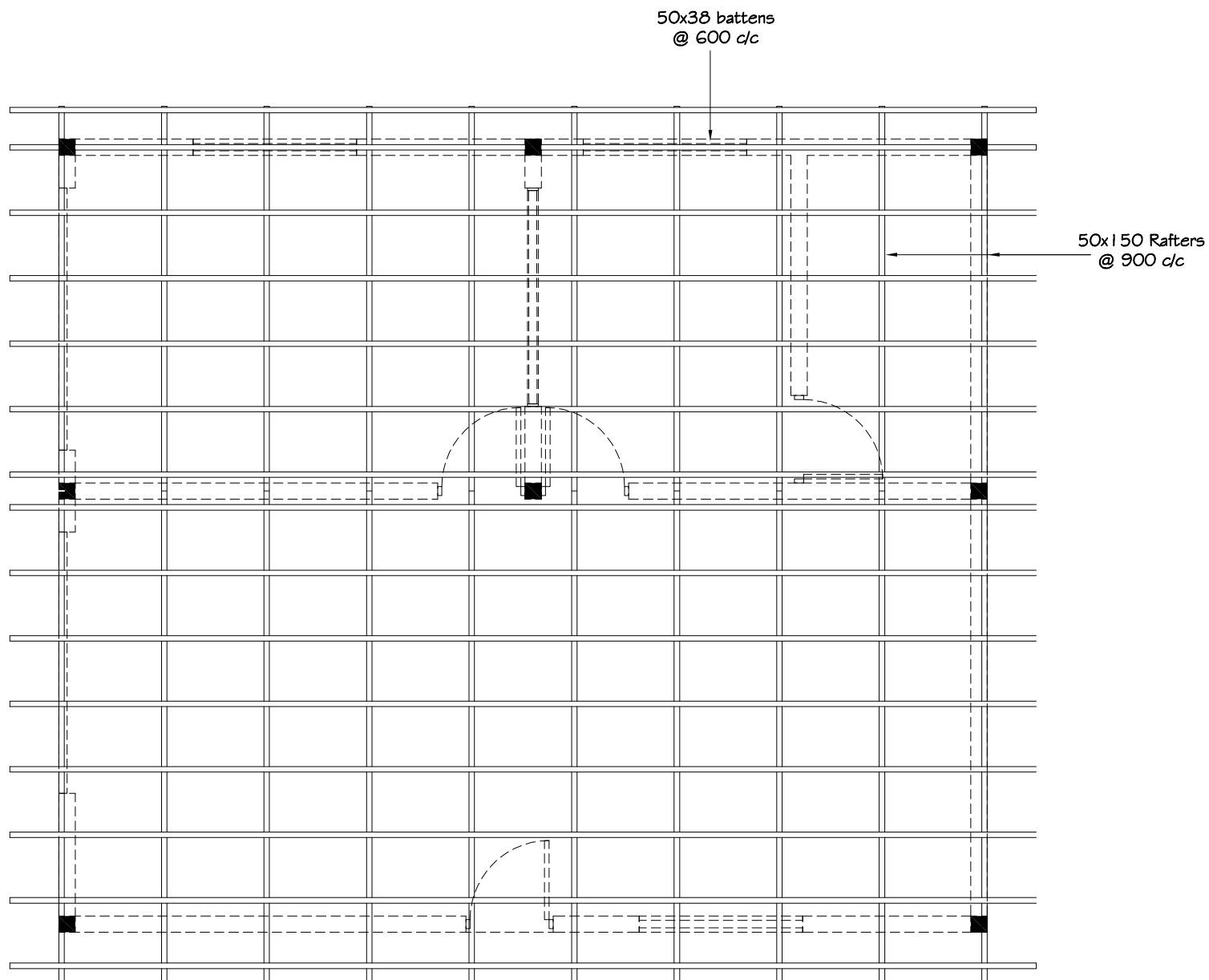
RO PLANT BUILDING
FLOOR PLAN

R. MAAKURATHU

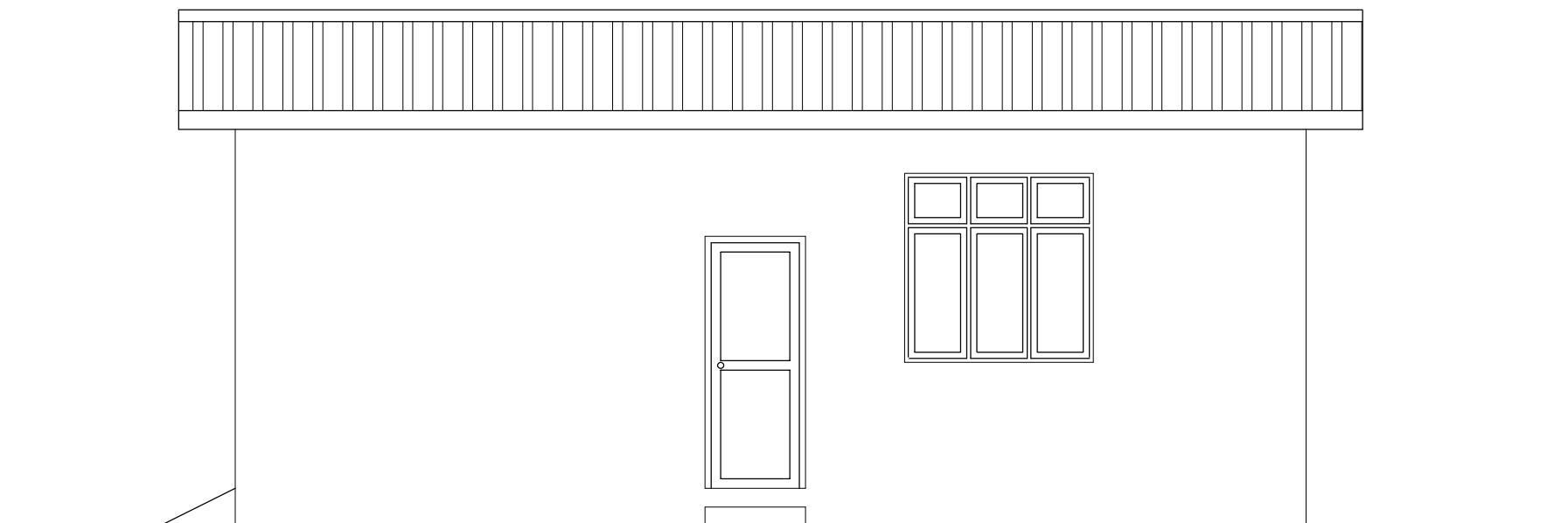


RO PLANT BUILDING
ROOF PLAN

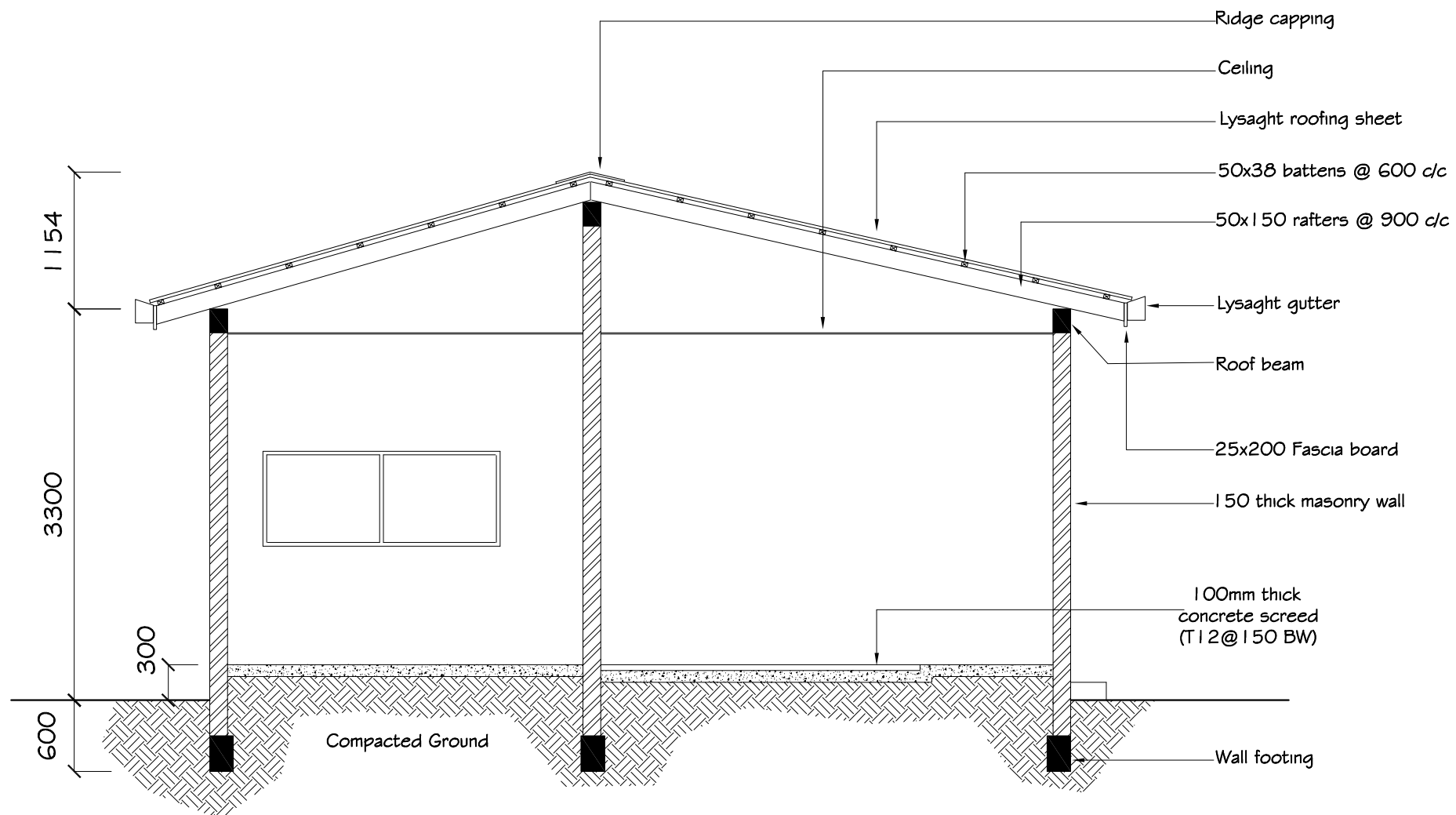
R. MAAKURATHU



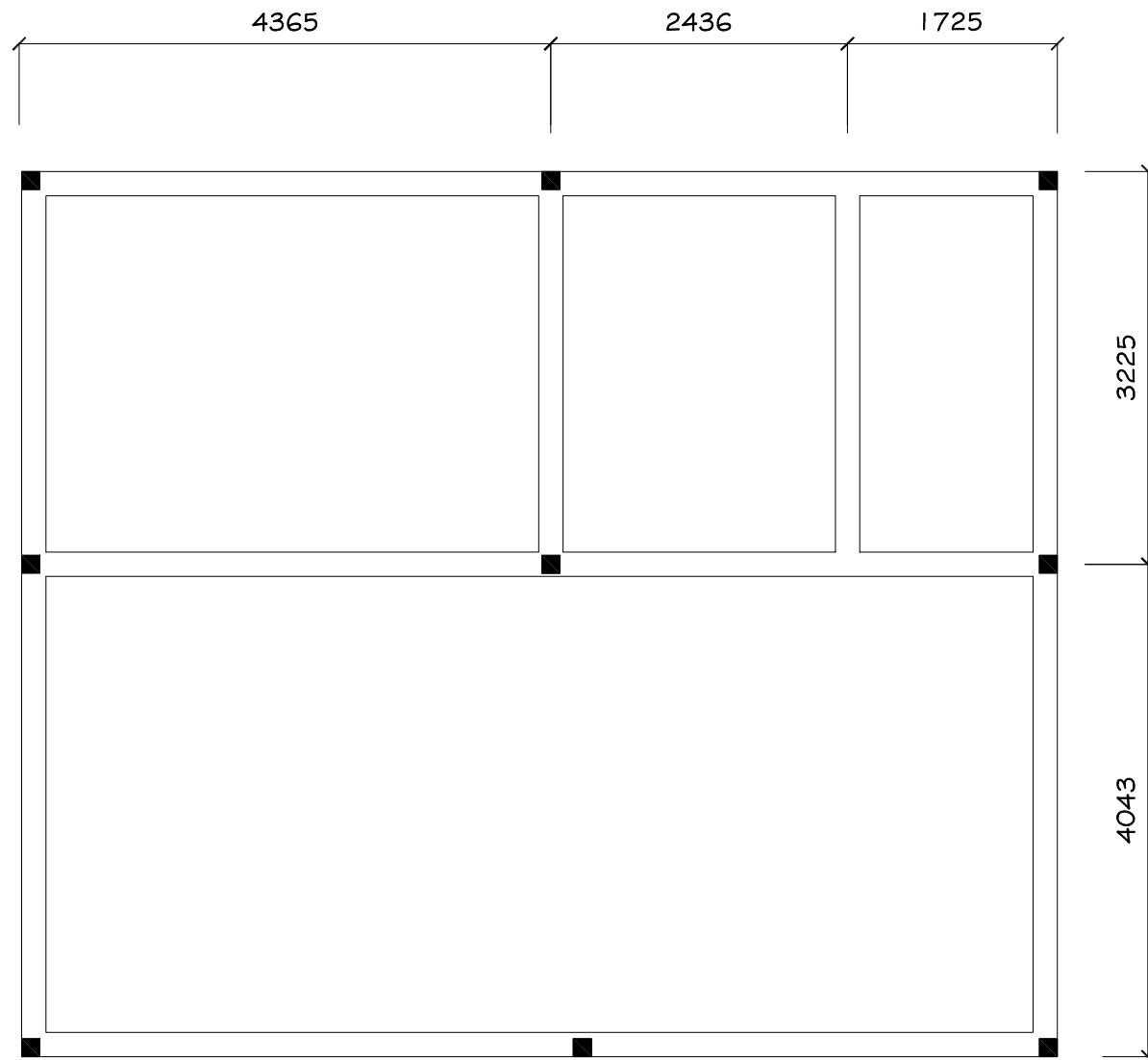
RO PLANT BUILDING
ROOF STRUCTURE R. MAAKURATHU

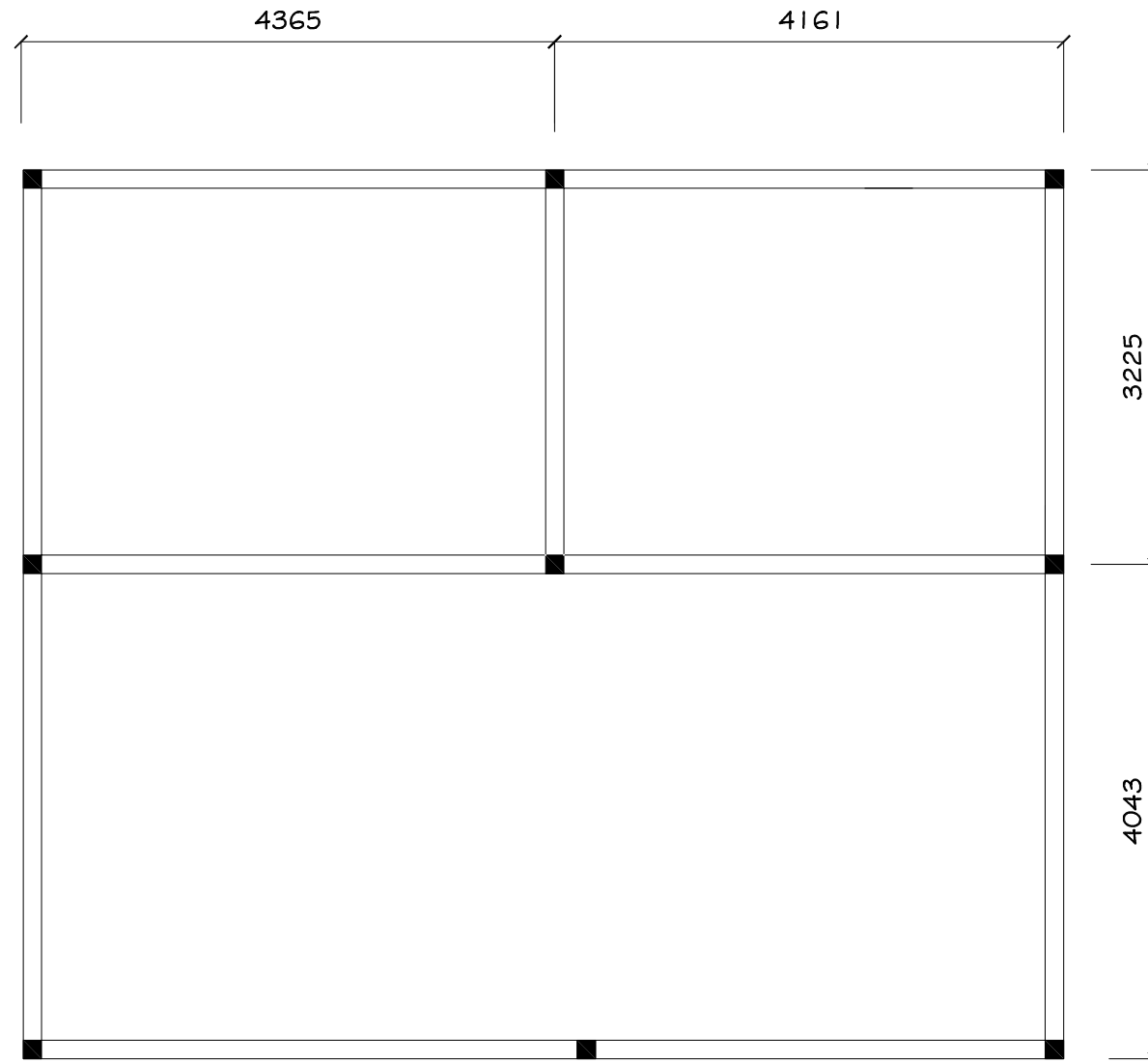


RO PLANT BUILDING
FRONT ELEVATION R. MAAKURATHU

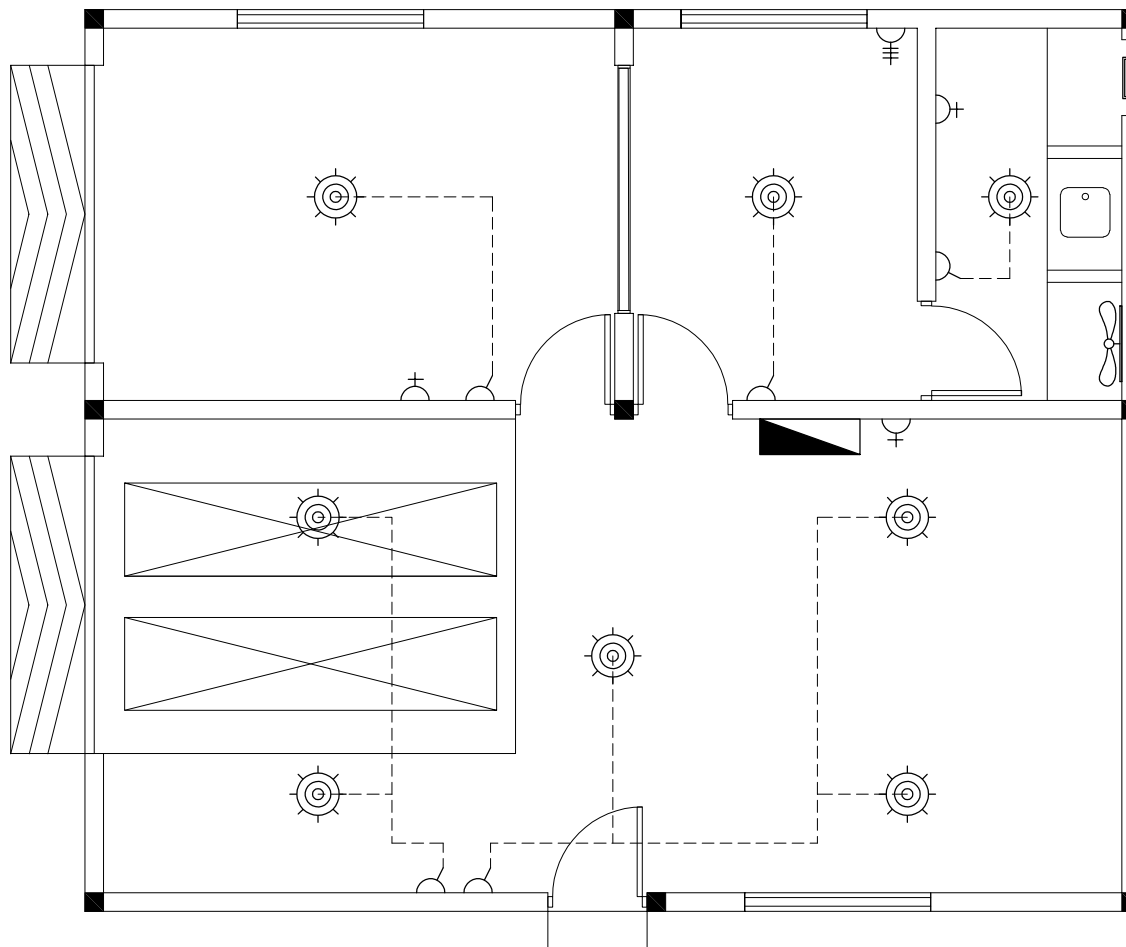


RO PLANT BUILDING
SECTION X-X R. MAAKURATHU





RO PLANT BUILDING
ROOF BEAM PLAN R. MAAKURATHU



DISTRIBUTION BOARD



100W ENERGY SAVING LIGHT



POWER SOCKET
[0.4m ABOVE GROUND]



POWER SOCKET
[0.4m BELOW CEILING]



SINGLE GANG SWITCH



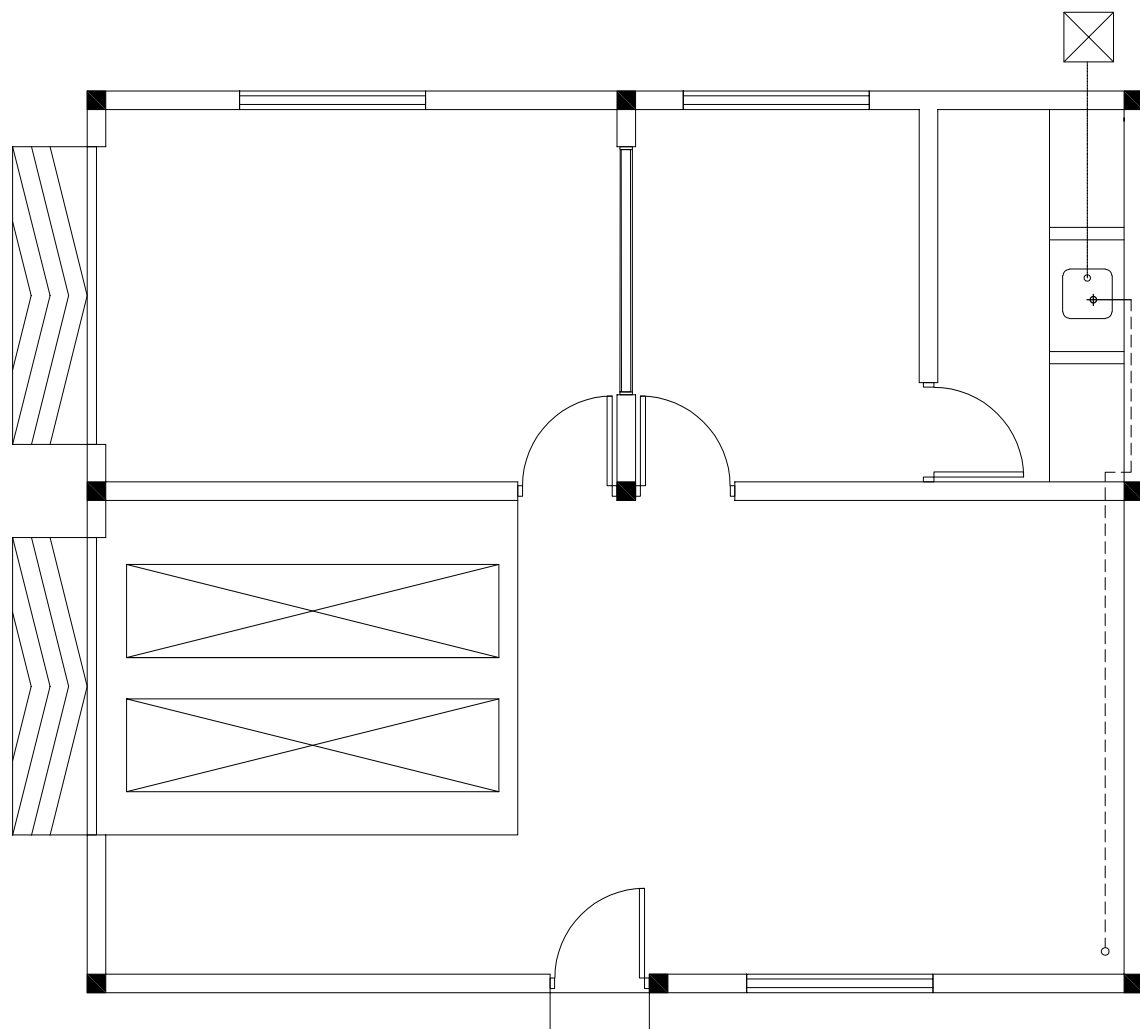
WALL MOUNT EXHAUST FAN



WALL MOUNT FAN



RO PLANT BUILDING ELECTRICAL LAYOUT R. MAAKURATHU



⊕— PVC Sink Tap

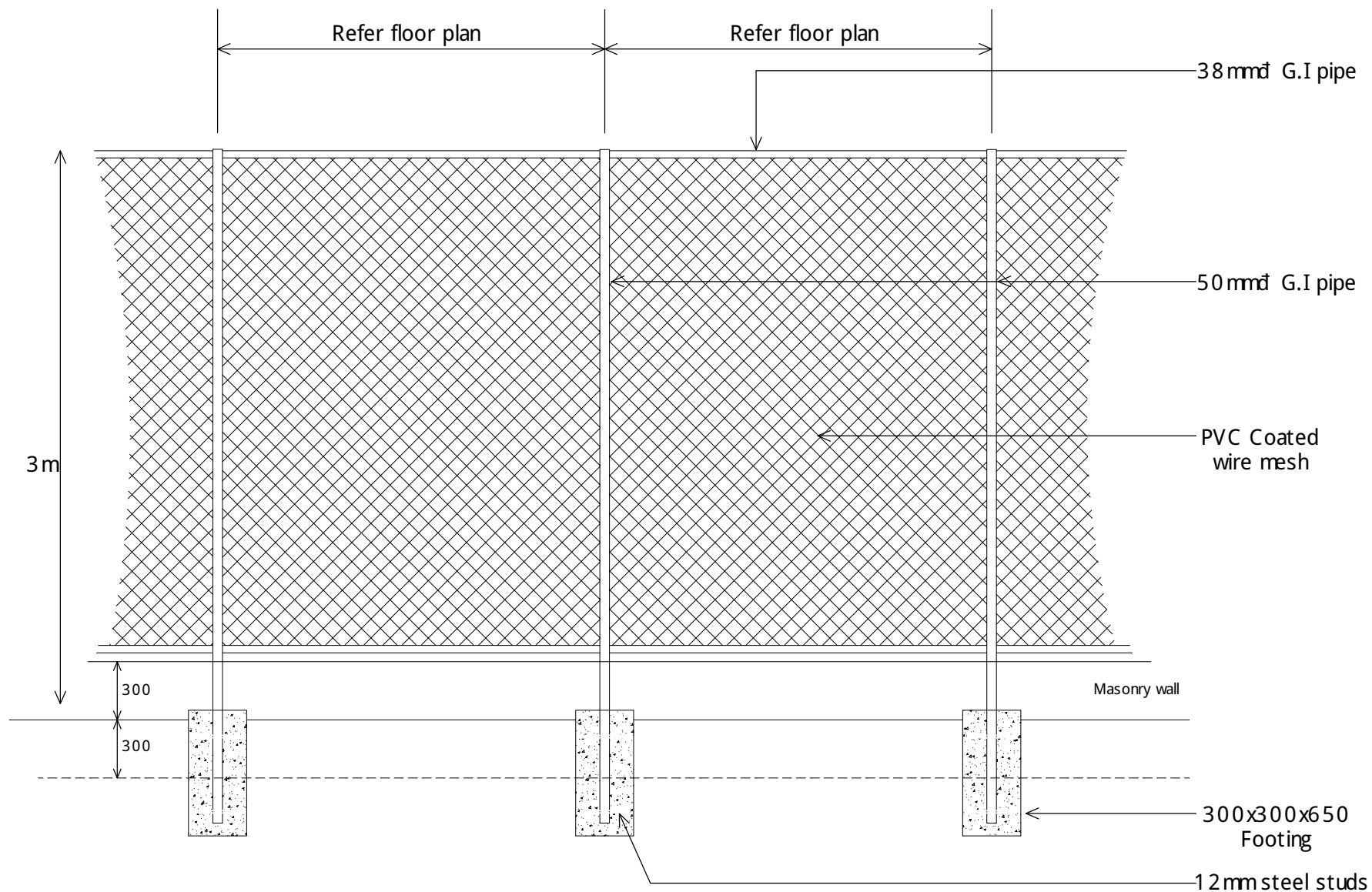
⊗ Soak pit

--- 25mm PVC Pipe

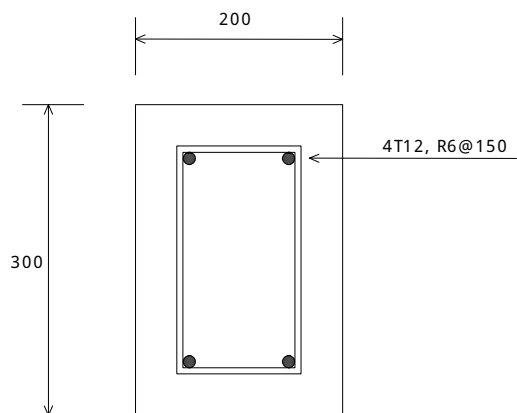
— 50mm PVC Train Pipe

RO PLANT BUILDING
PLUMBING LAYOUT R. MAAKURATHU

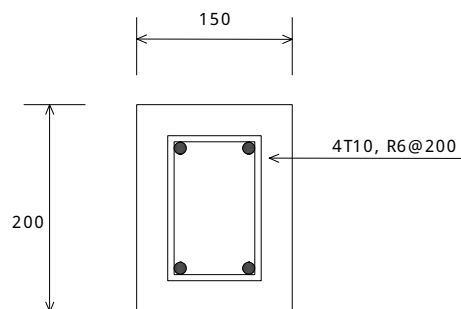
COMMON DRAWINGS



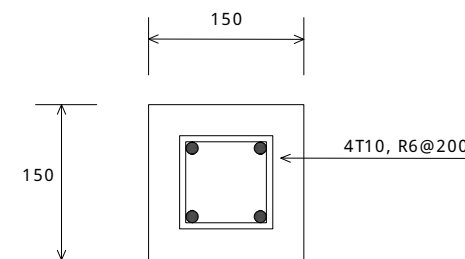
RO PLANT SITE PERIMETER FENCE



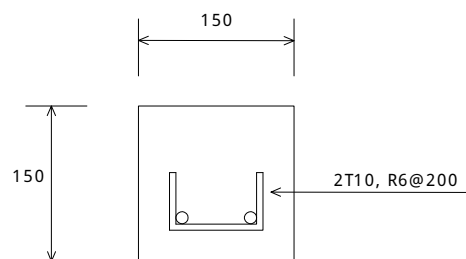
WALL FOOTING



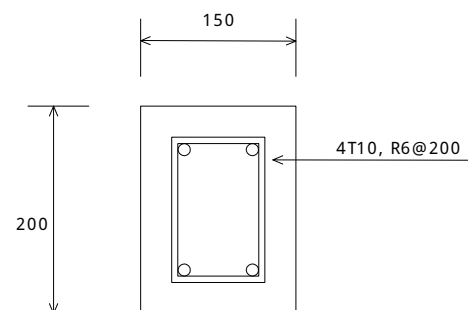
ROOF BEAM



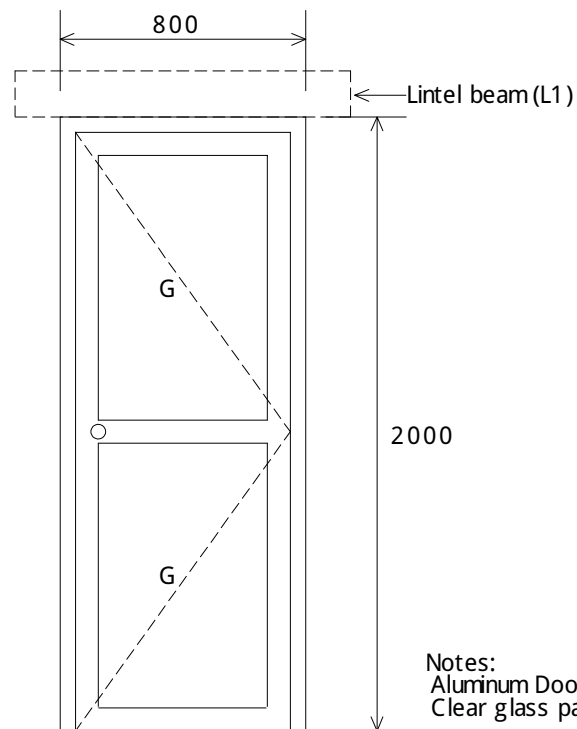
STIFFENER COLUMN



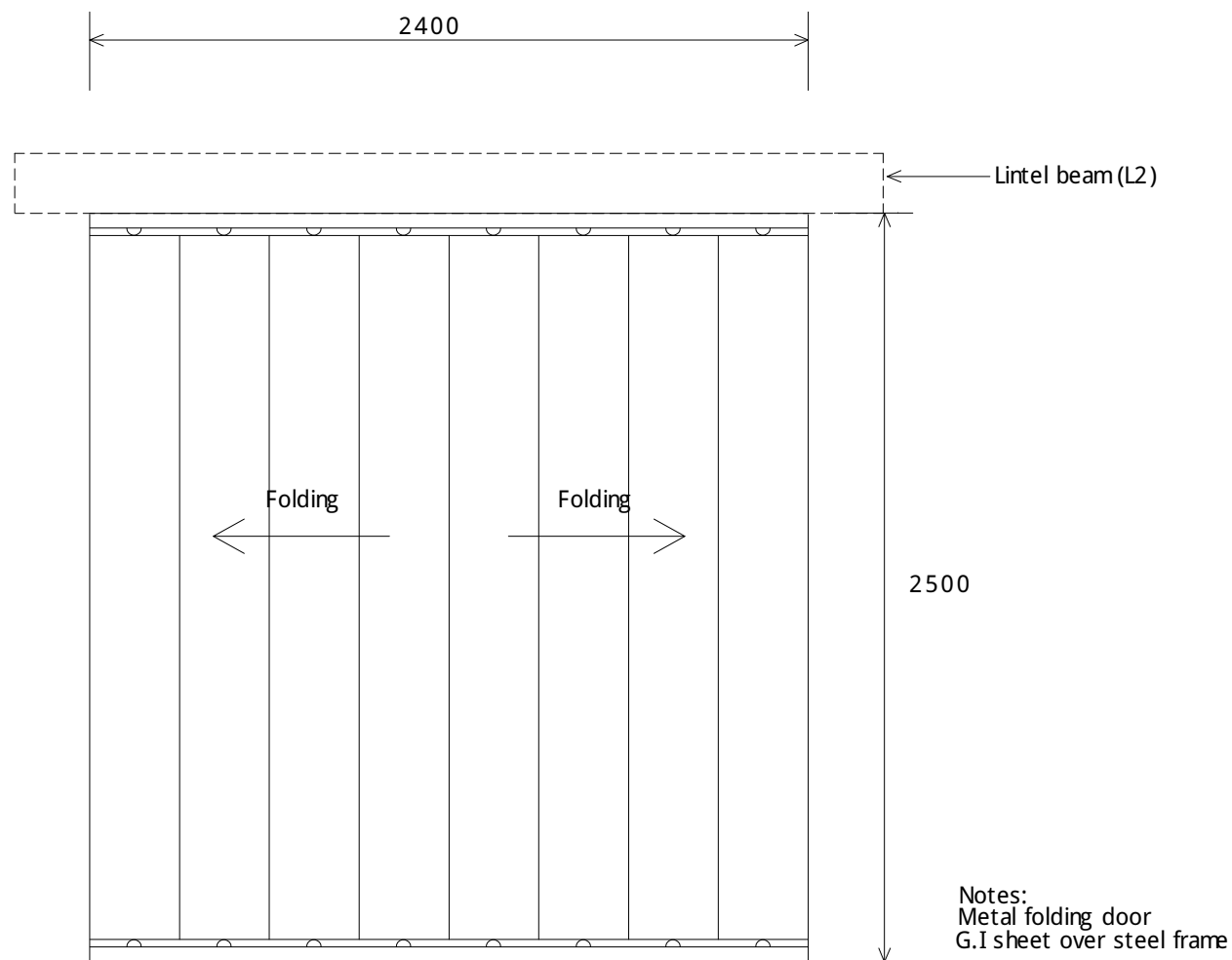
LINTEL BEAM - L1



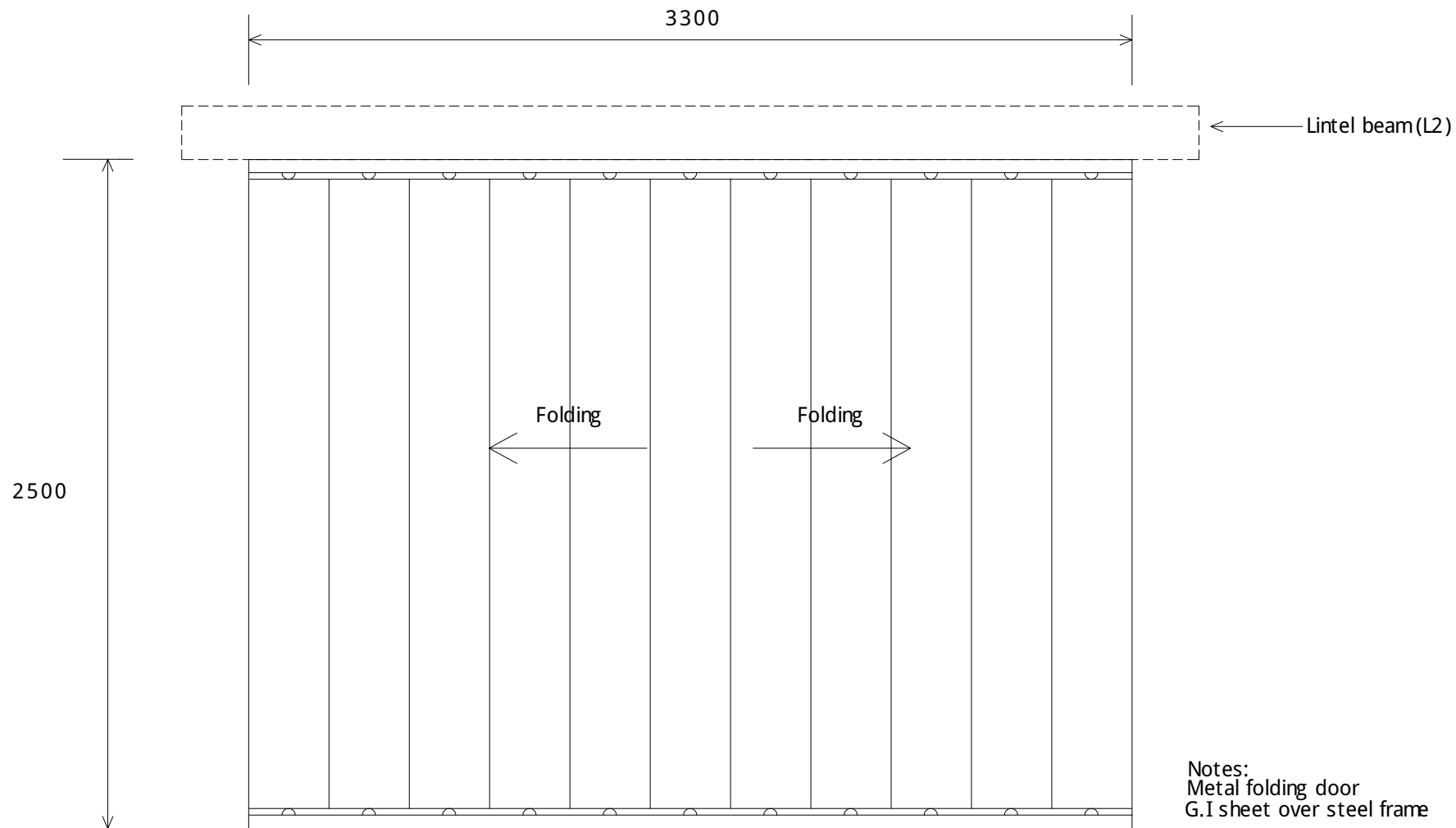
LINTEL BEAM - L2



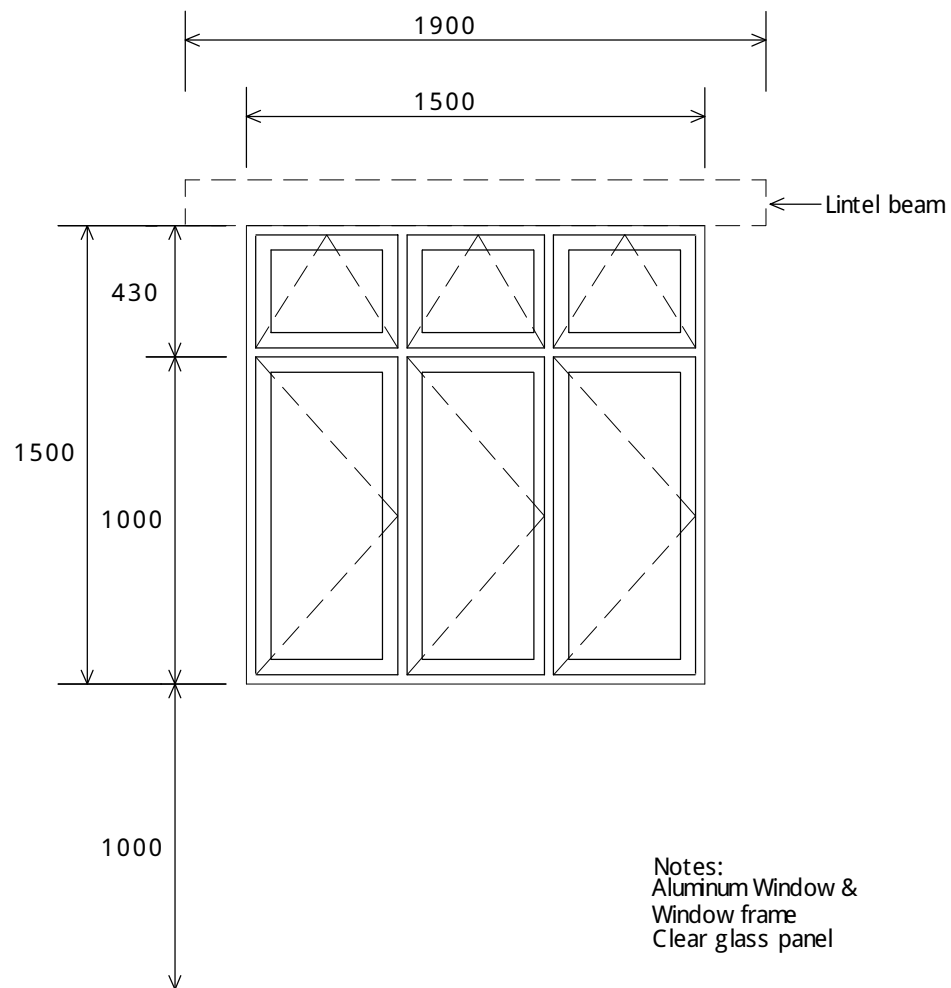
DOOR D1



DOOR R1

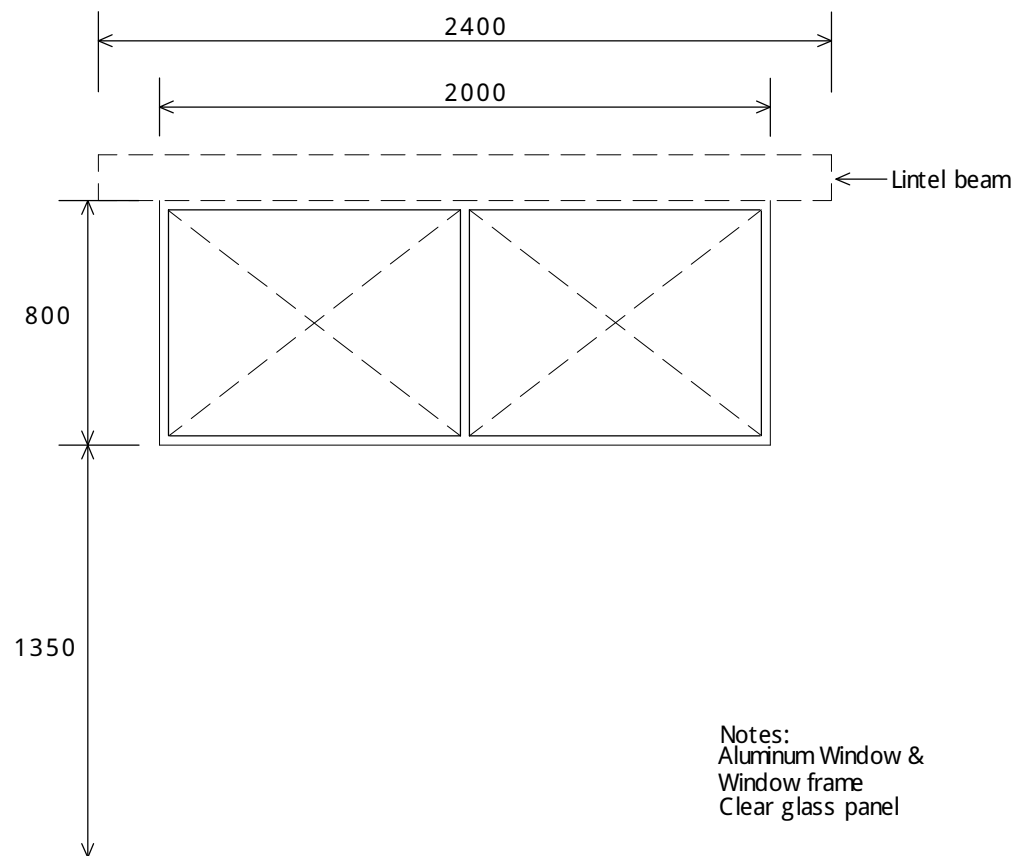


DOOR R2



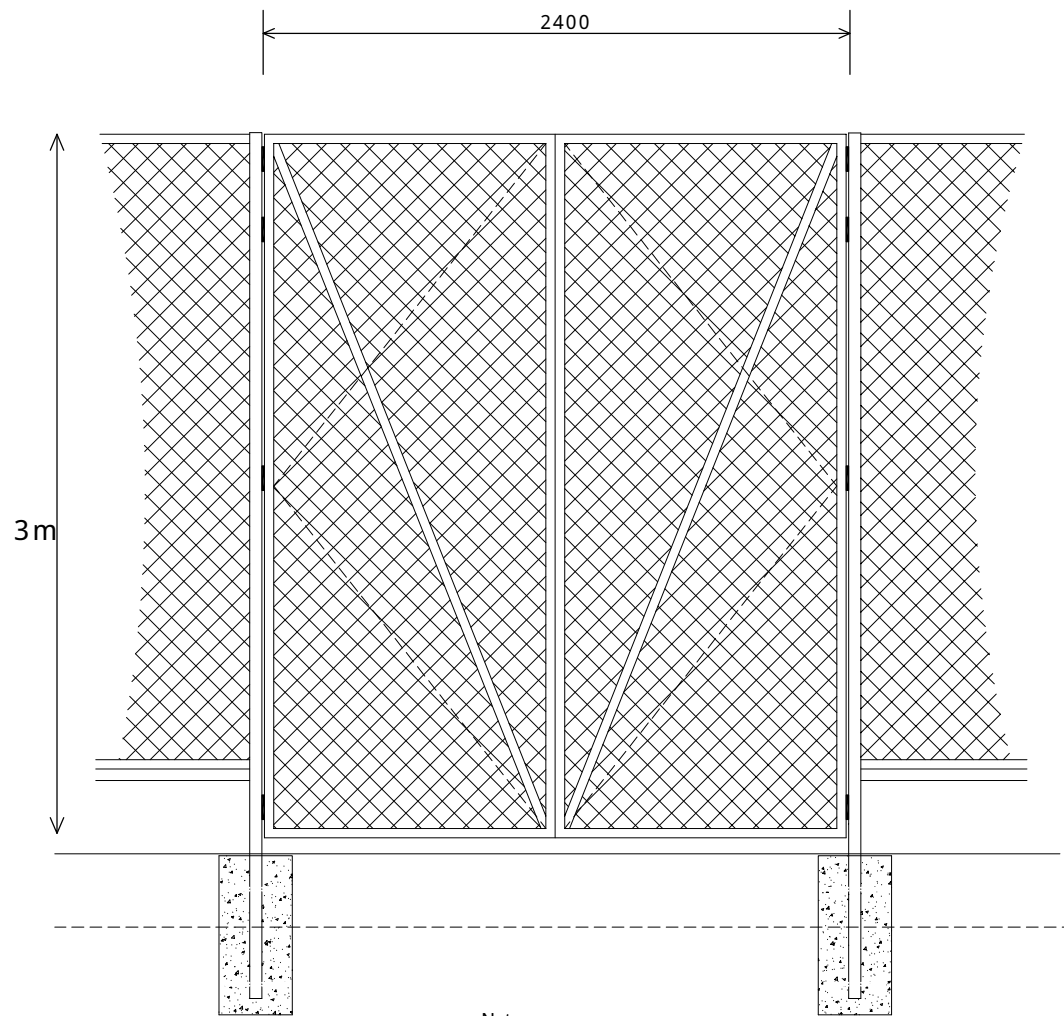
WINDOW W1

Notes:
Aluminum Window &
Window frame
Clear glass panel



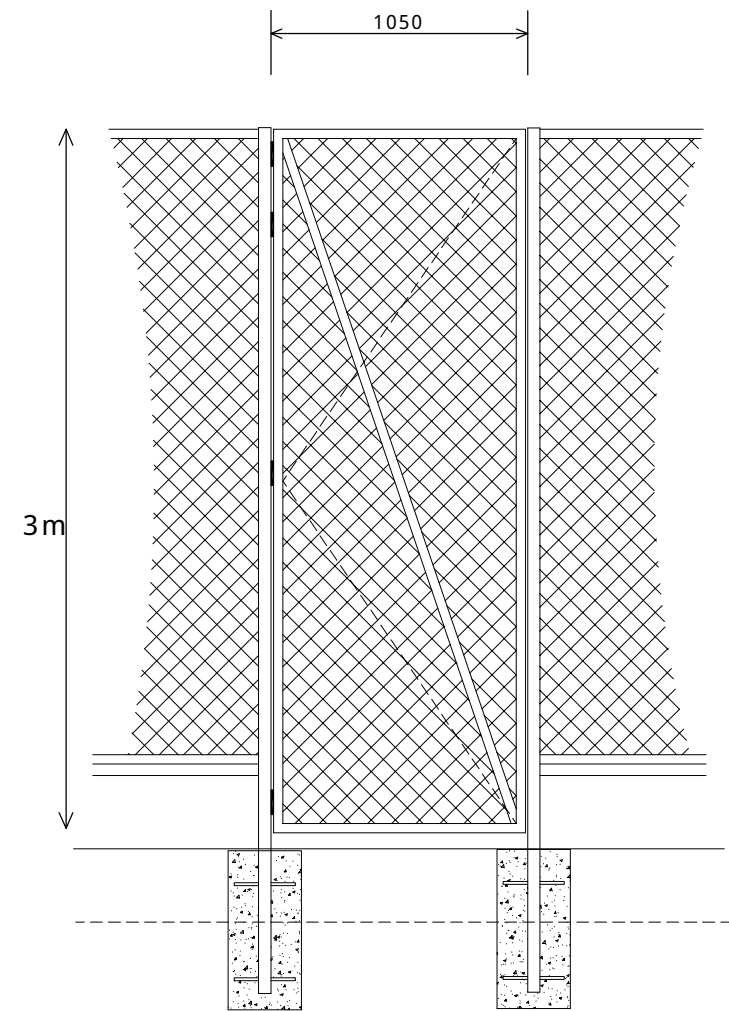
WINDOW W2

Notes:
Aluminum Window &
Window frame
Clear glass panel



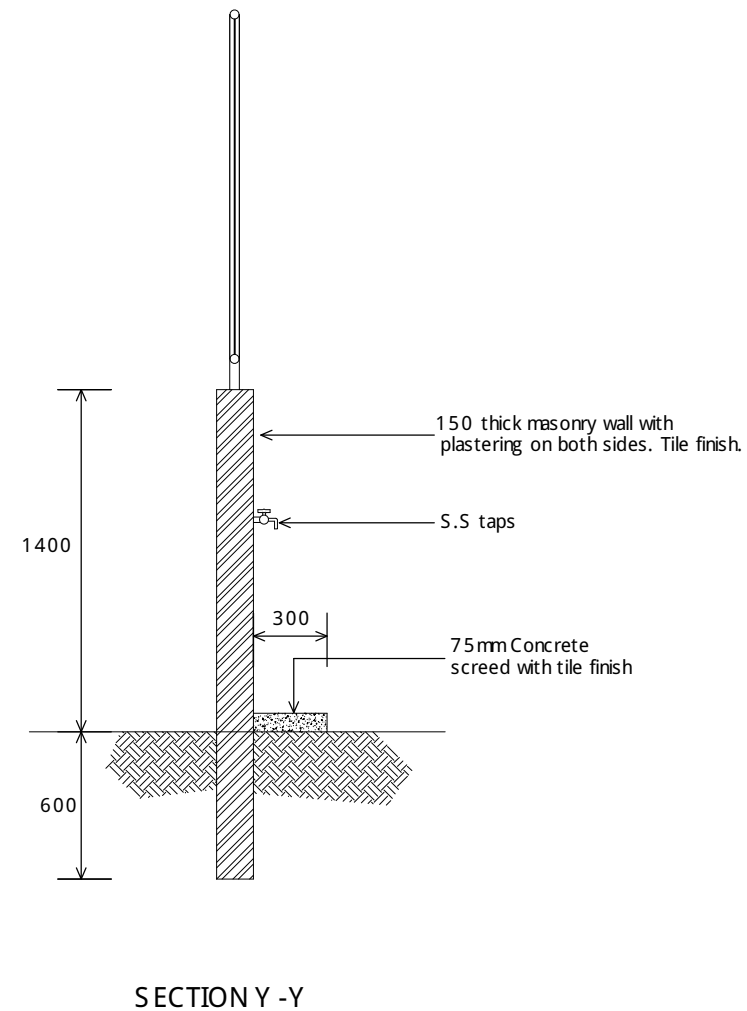
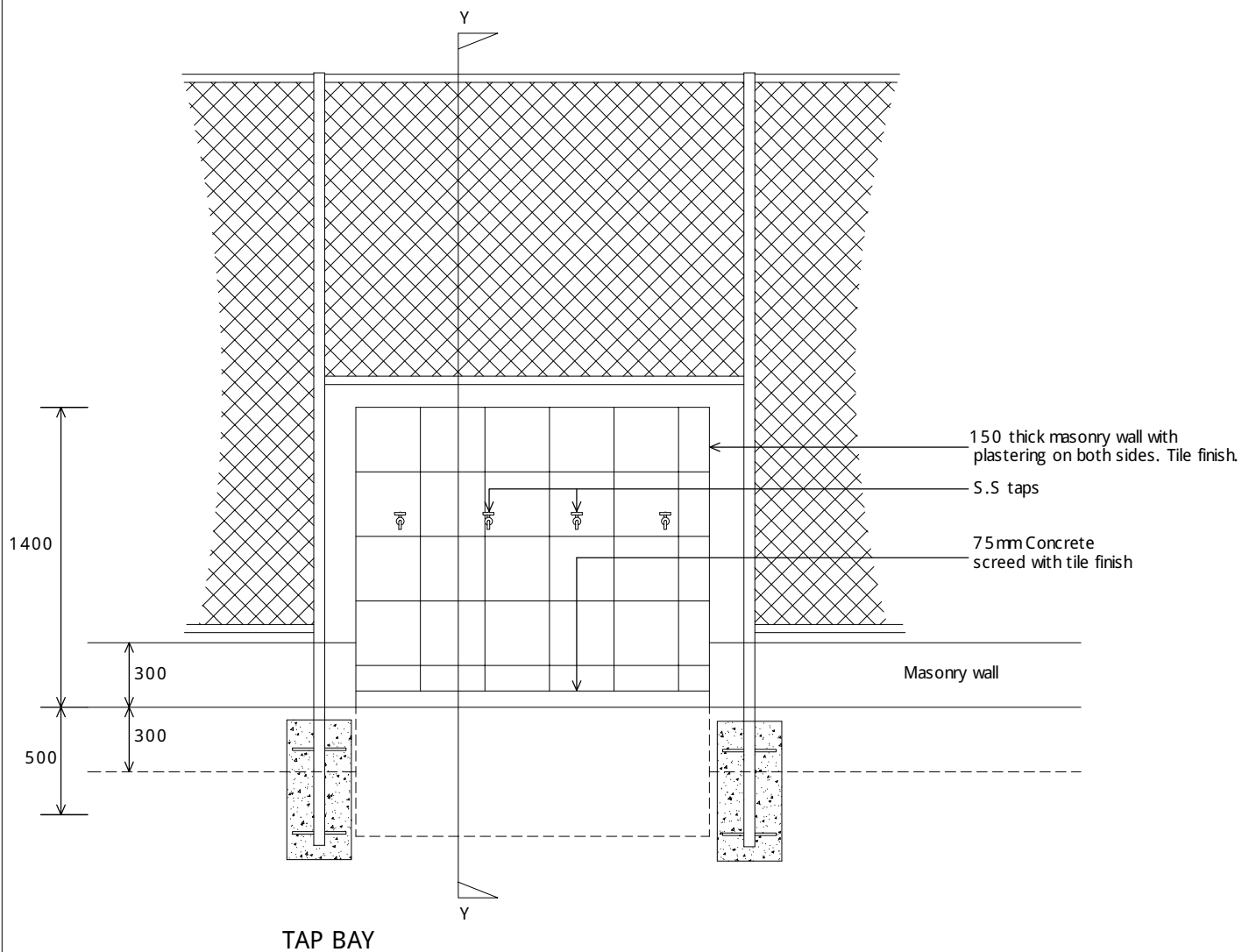
Notes:
 Door made from 38mm ϕ G.I Pipe
 Door covered with PVC coated wire mesh
 Hinges and locking mechanism to be provided

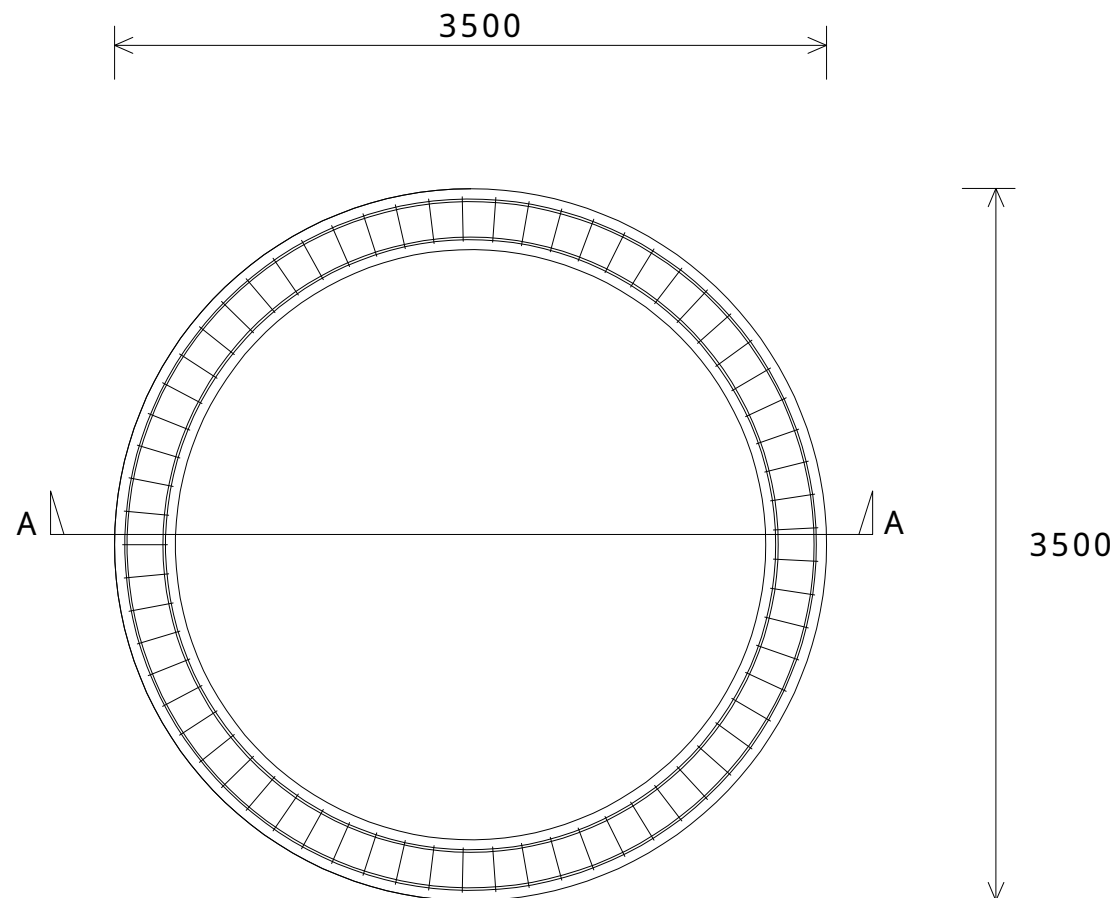
DOOR G1



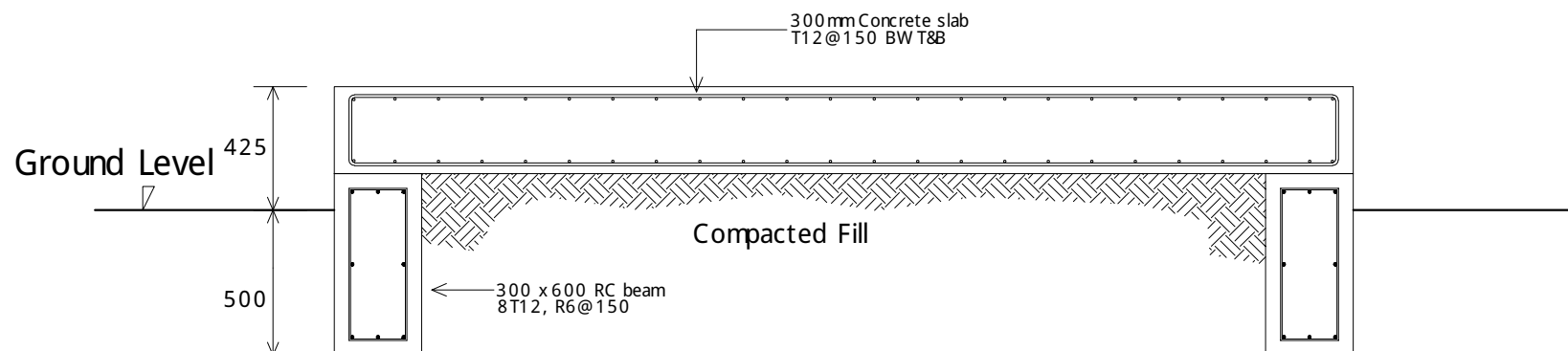
Notes:
 Door made from 38mm ϕ G.I Pipe
 Door covered with PVC coated wire mesh
 Hinges and locking mechanism to be provided

DOOR G2

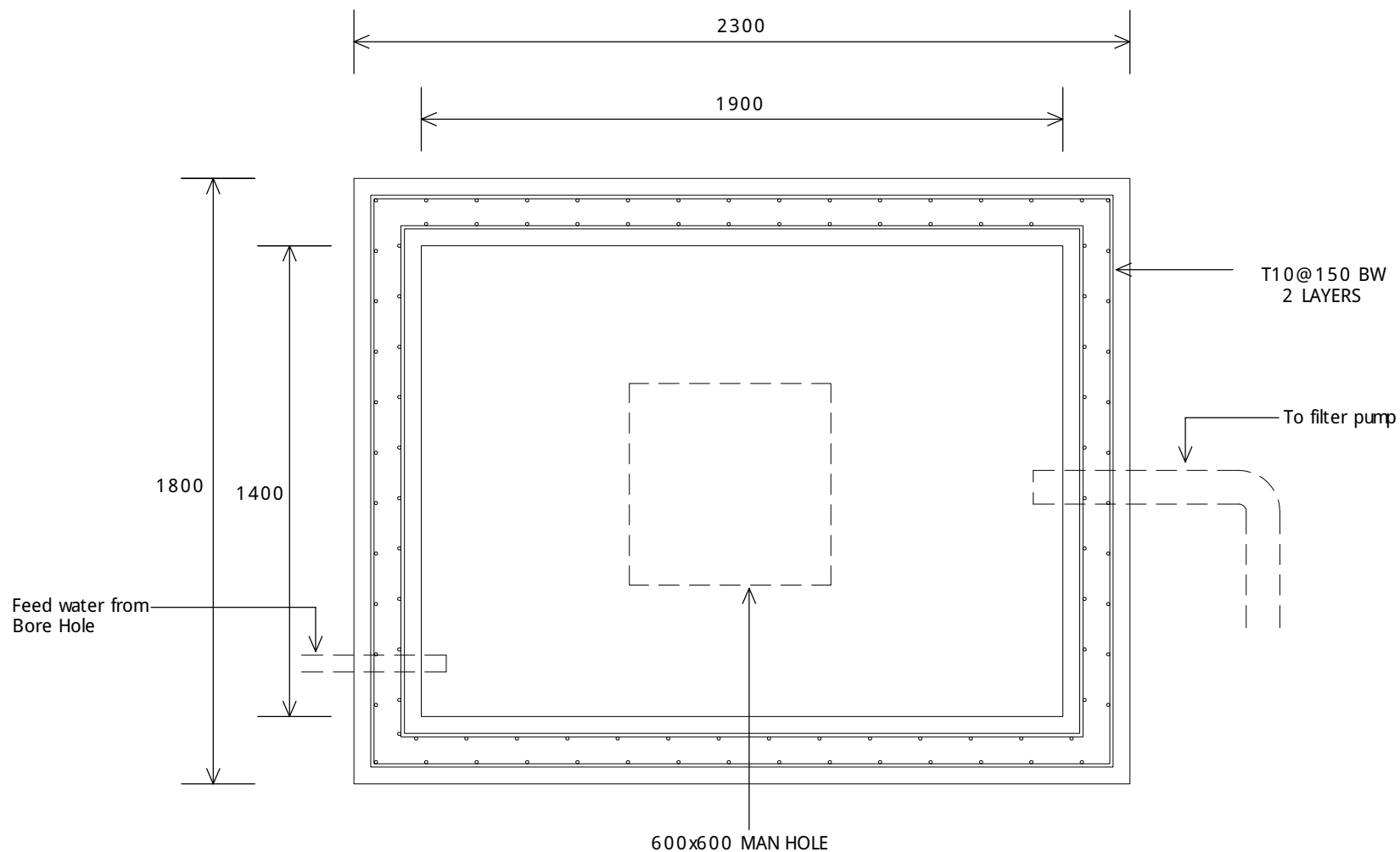




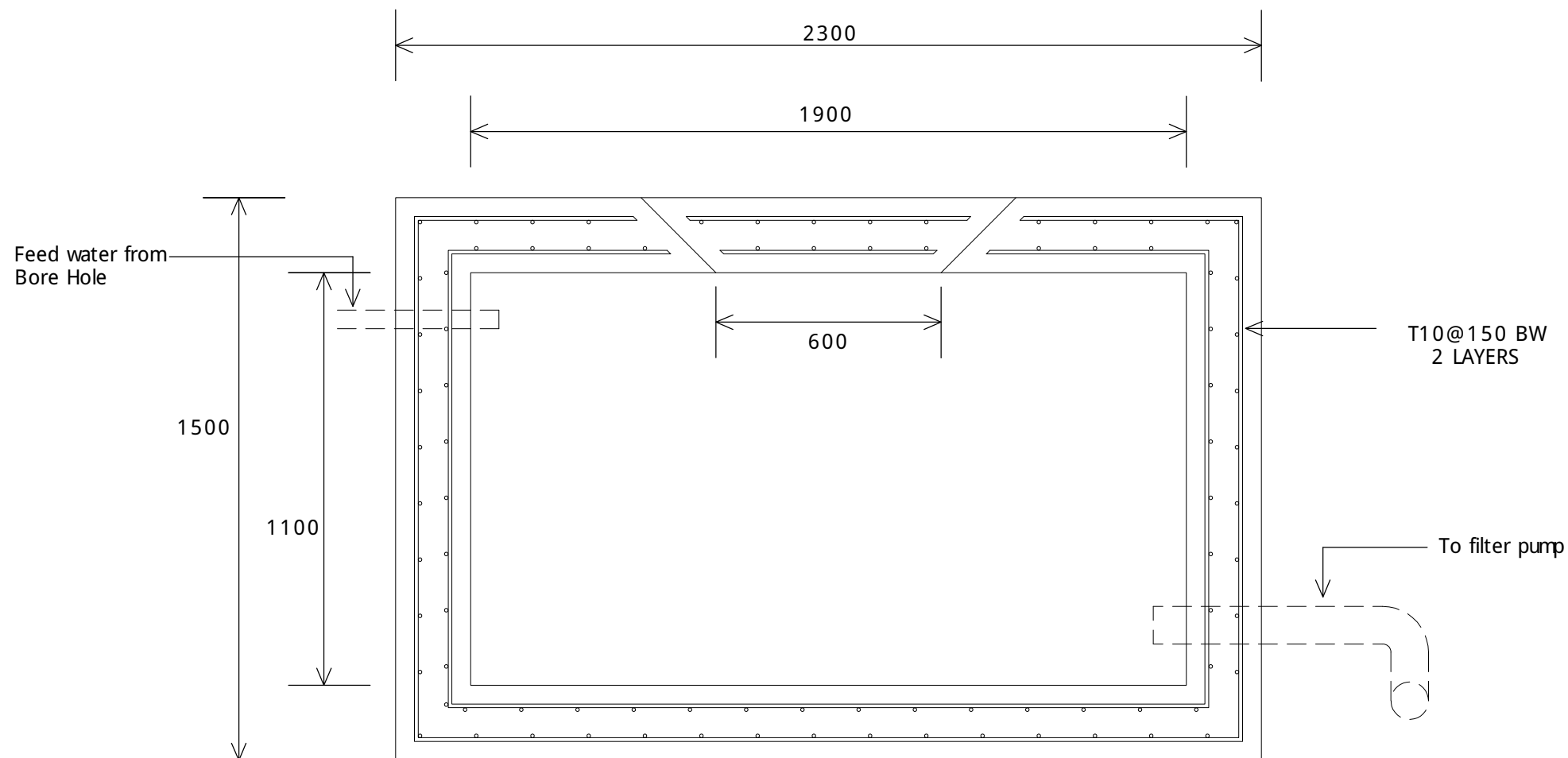
STORAGE TANK FOUNDATION
PLAN



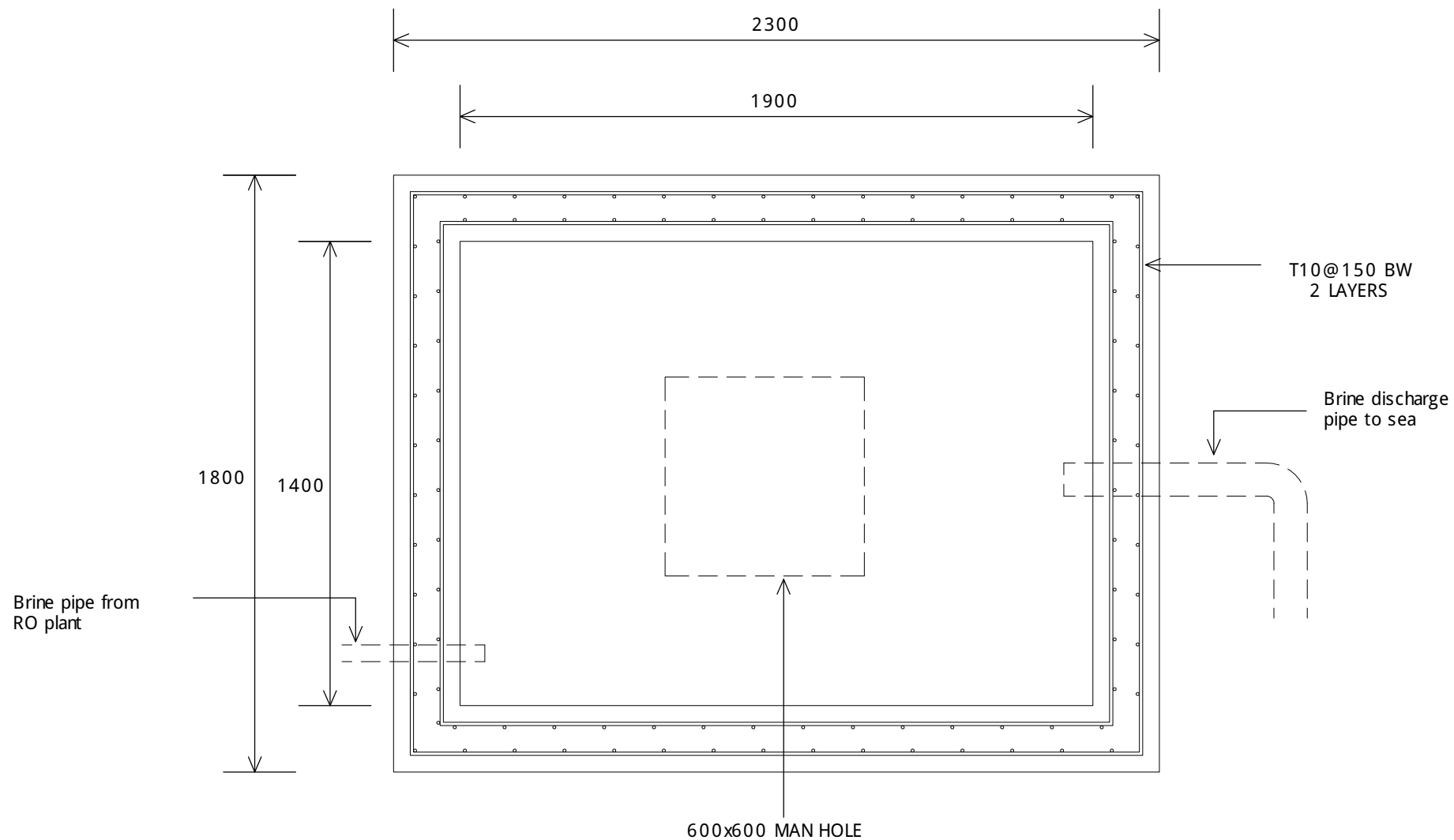
STORAGE TANK FOUNDATION
SECTION A-A



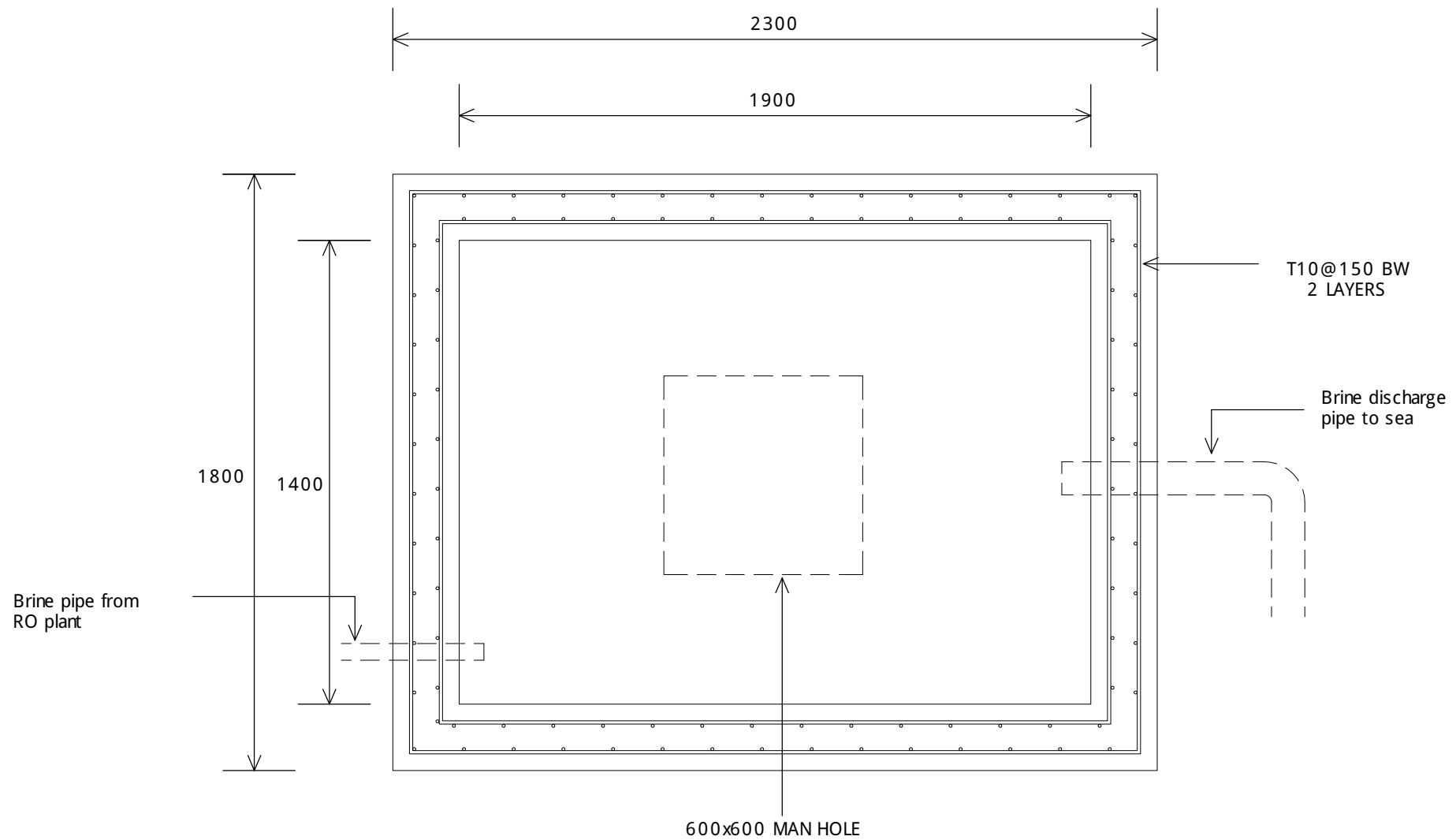
**FEED WATER TANK
PLAN**



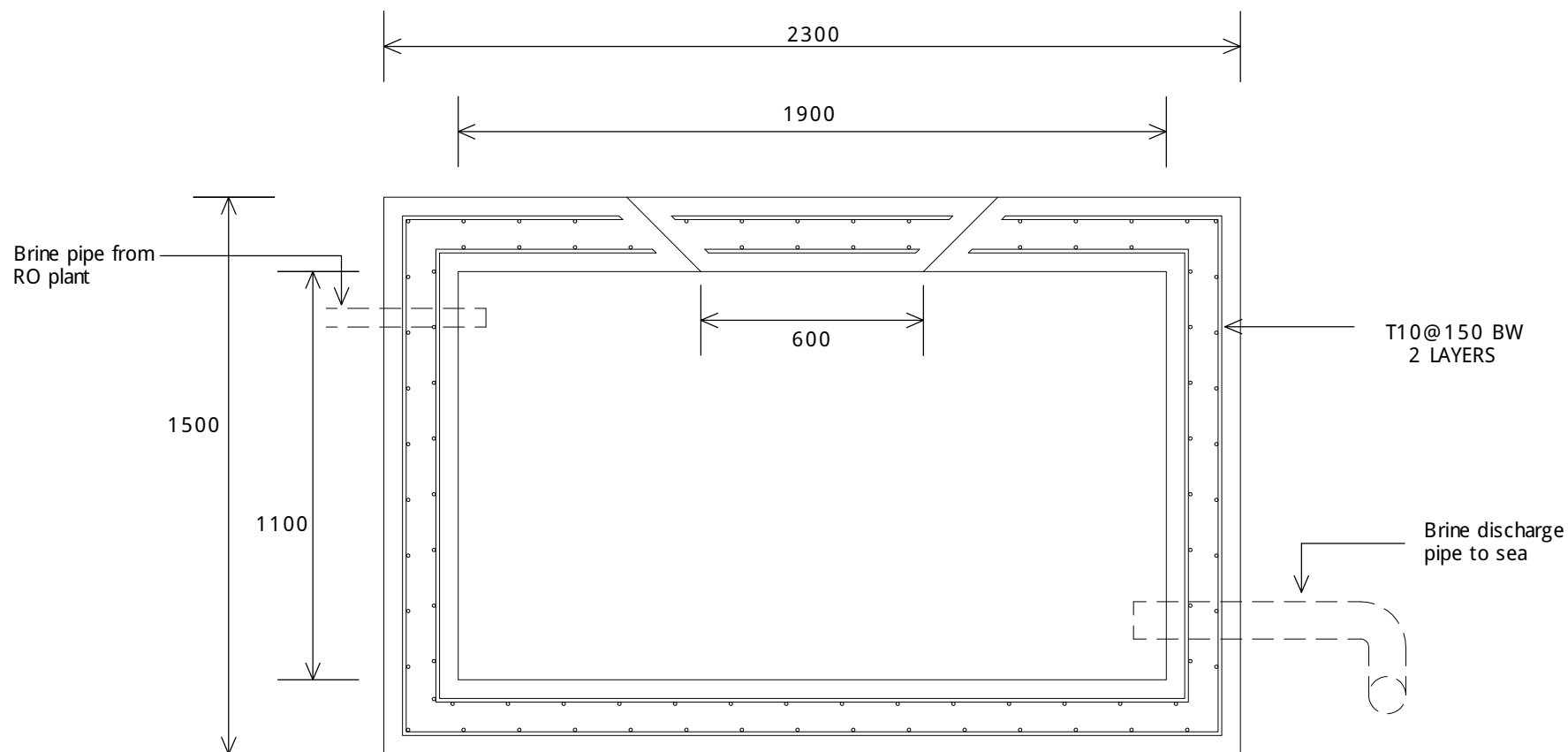
**FEED WATER TANK
SECTION**



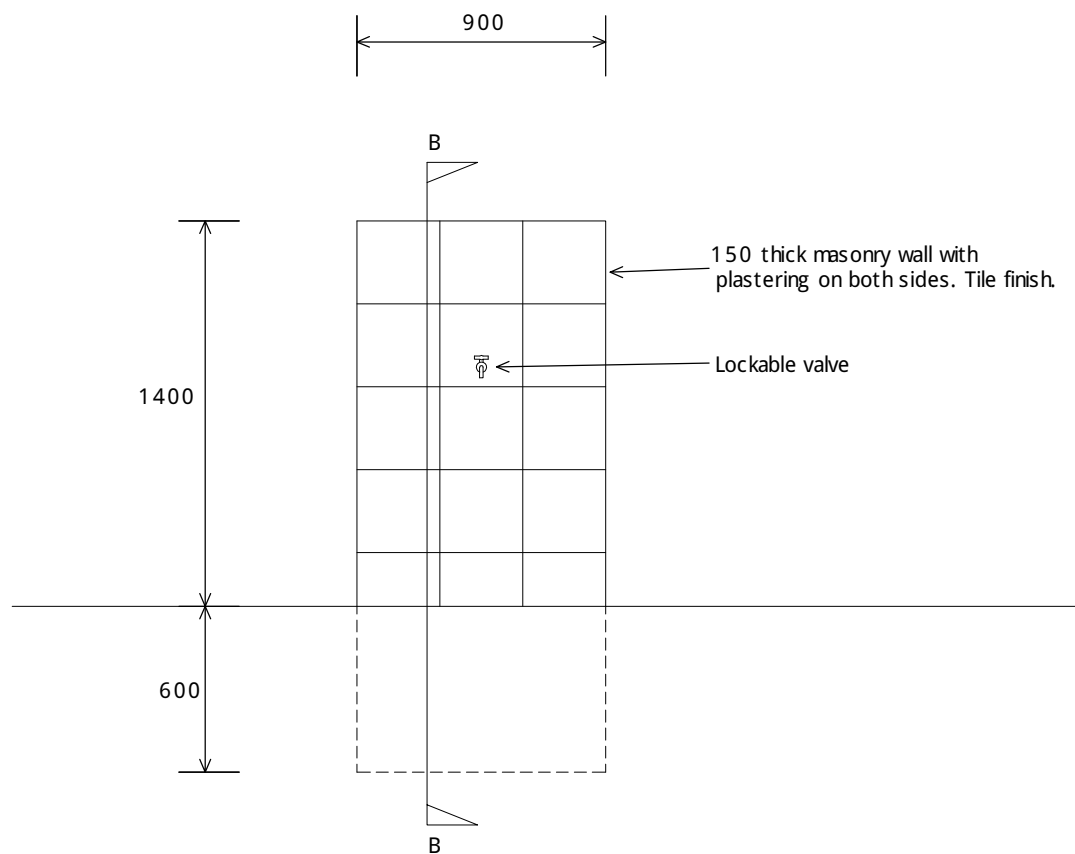
**REJECT WATER TANK
PLAN**



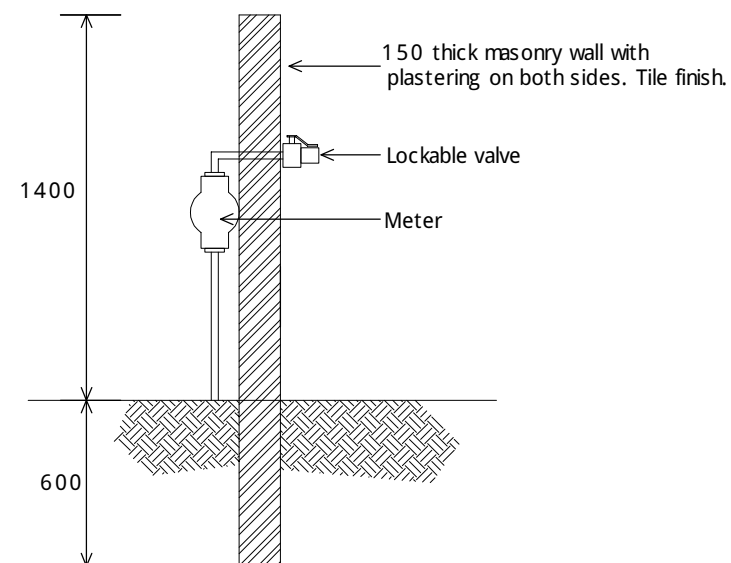
**REJECT WATER TANK
PLAN**



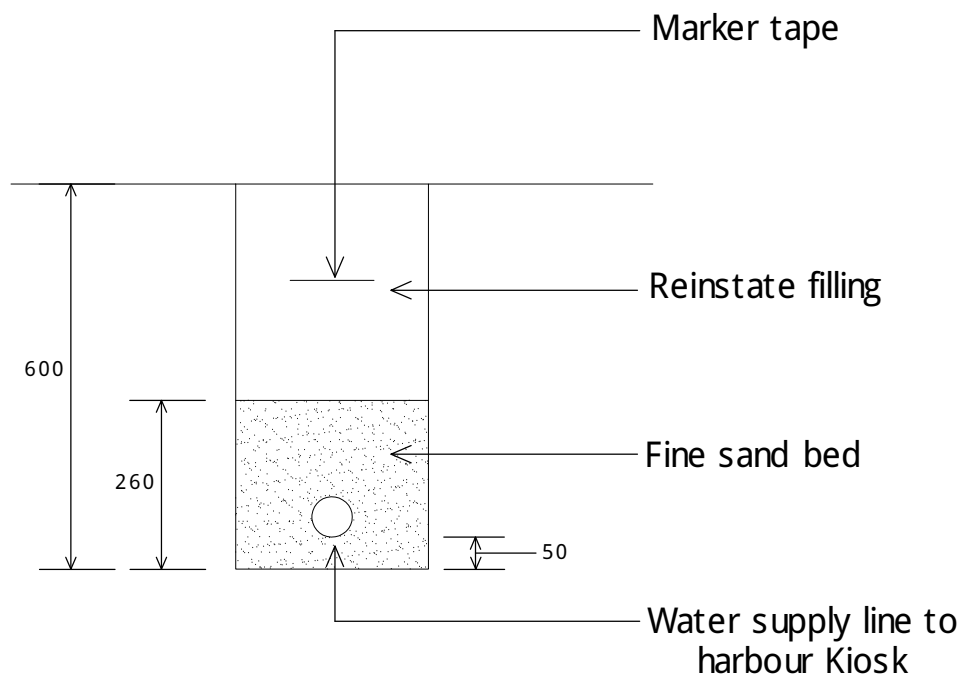
REJECT WATER TANK
SECTION



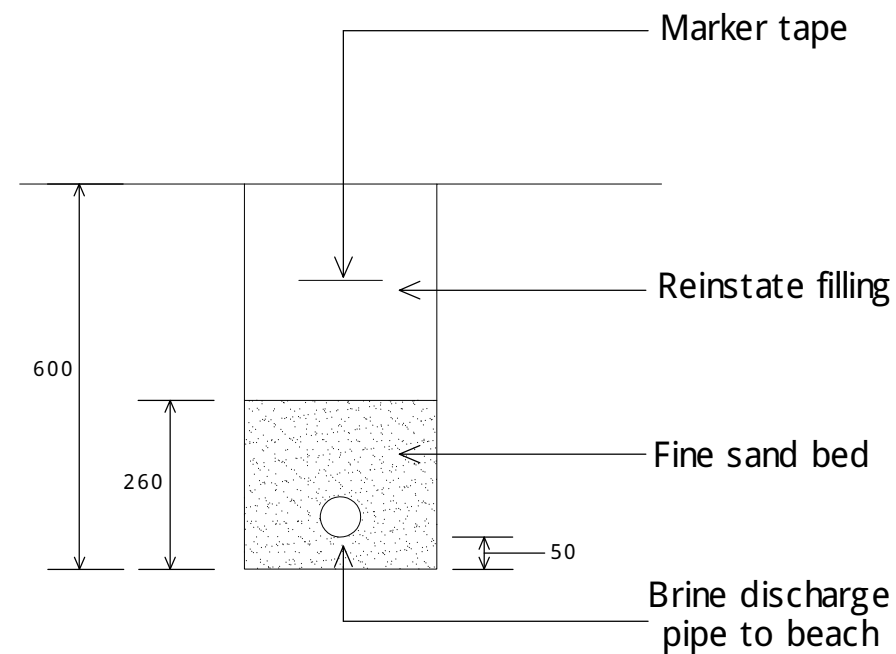
HARBOUR KIOSK



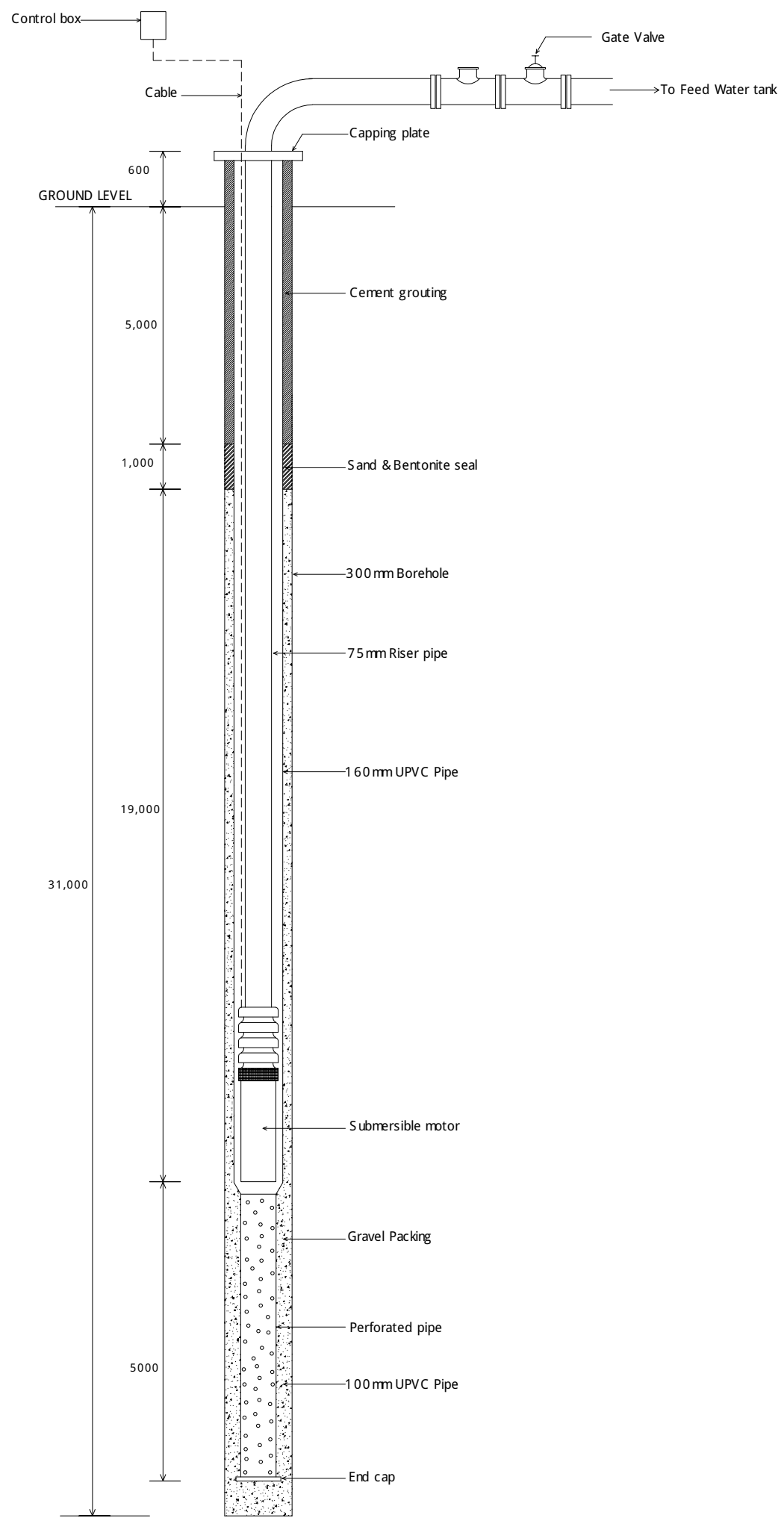
HARBOUR KIOSK
SECTION B - B



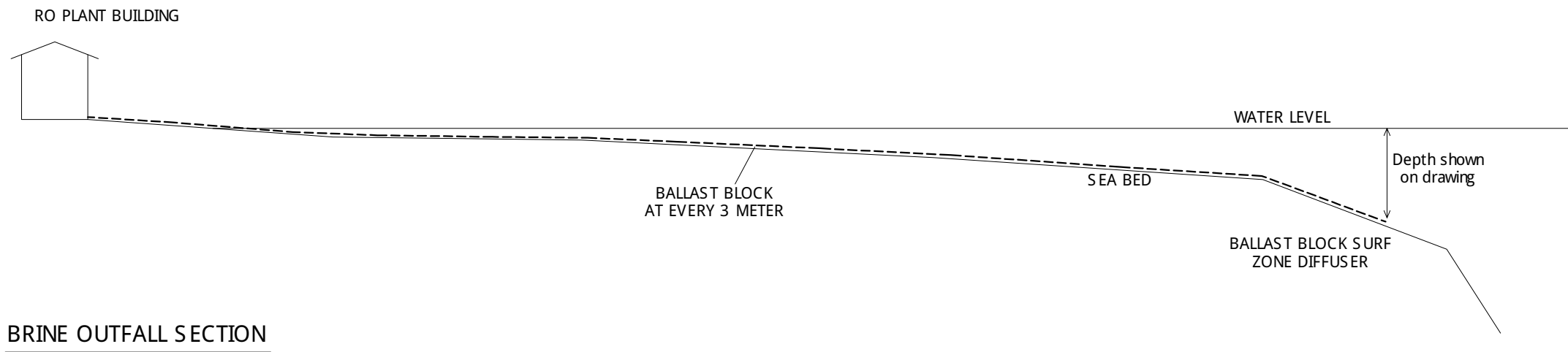
PIPE TRENCH DETAIL FOR HARBOUR KIOSK

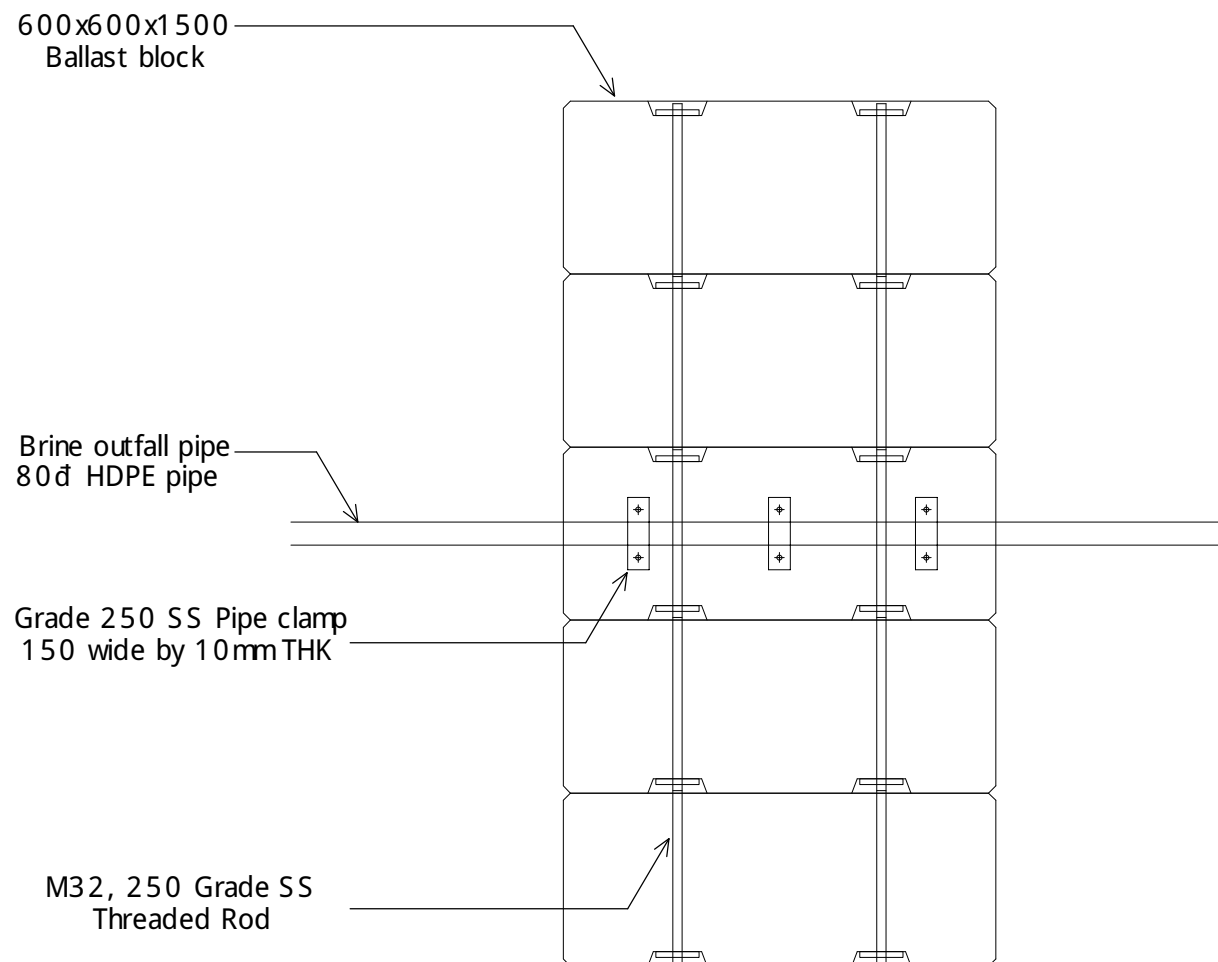


PIPE TRENCH DETAIL FOR BRINE DISCHARGE PIPE

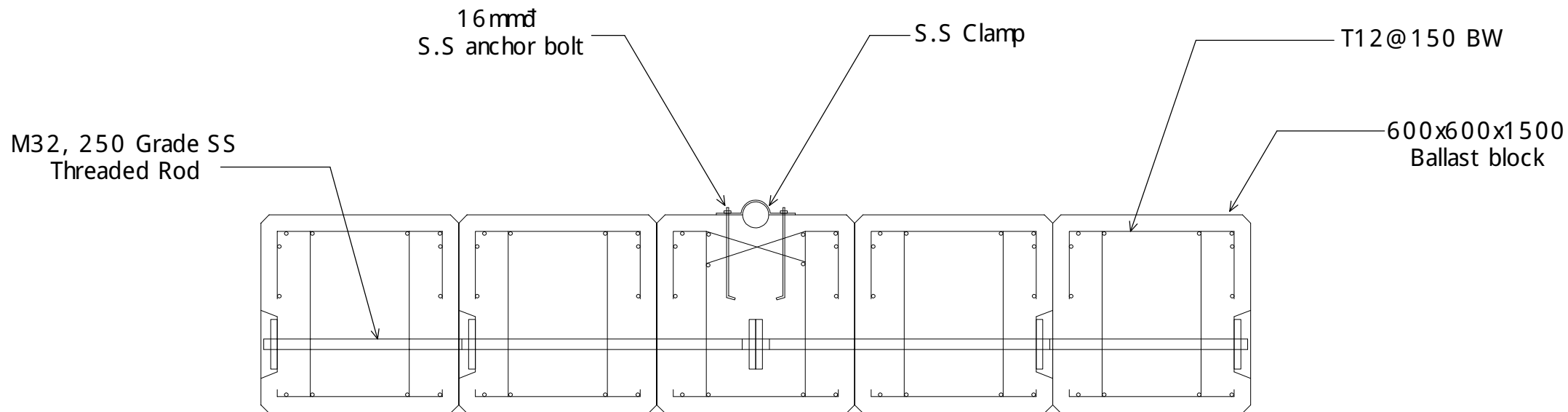


BORE WELL DETAIL

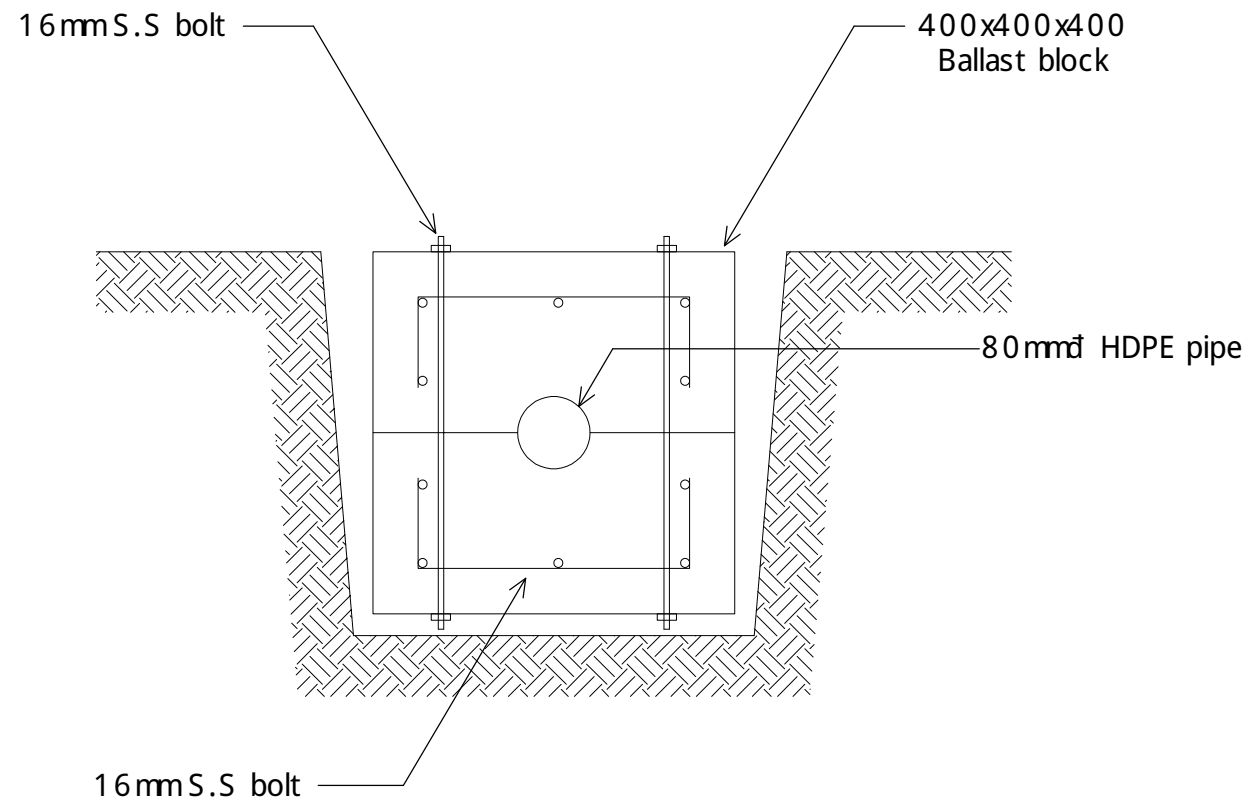




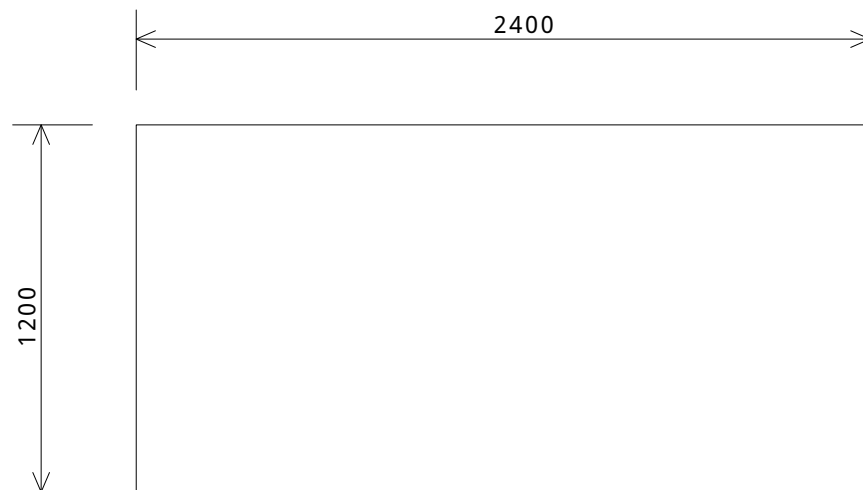
BALLAST BLOCK - PLAN
SURF ZONE DIFFUSER



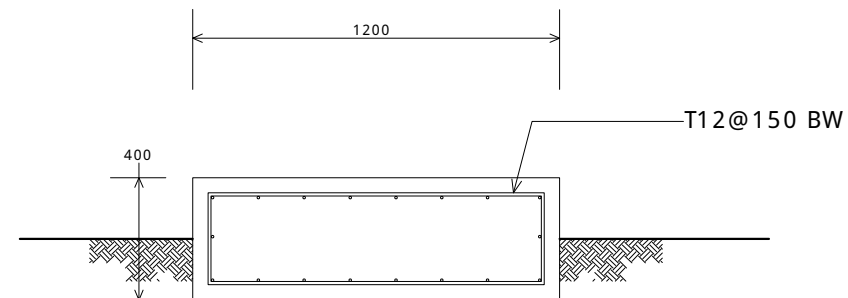
BALLAST BLOCK - SECTION SURF ZONE DIFFUSER



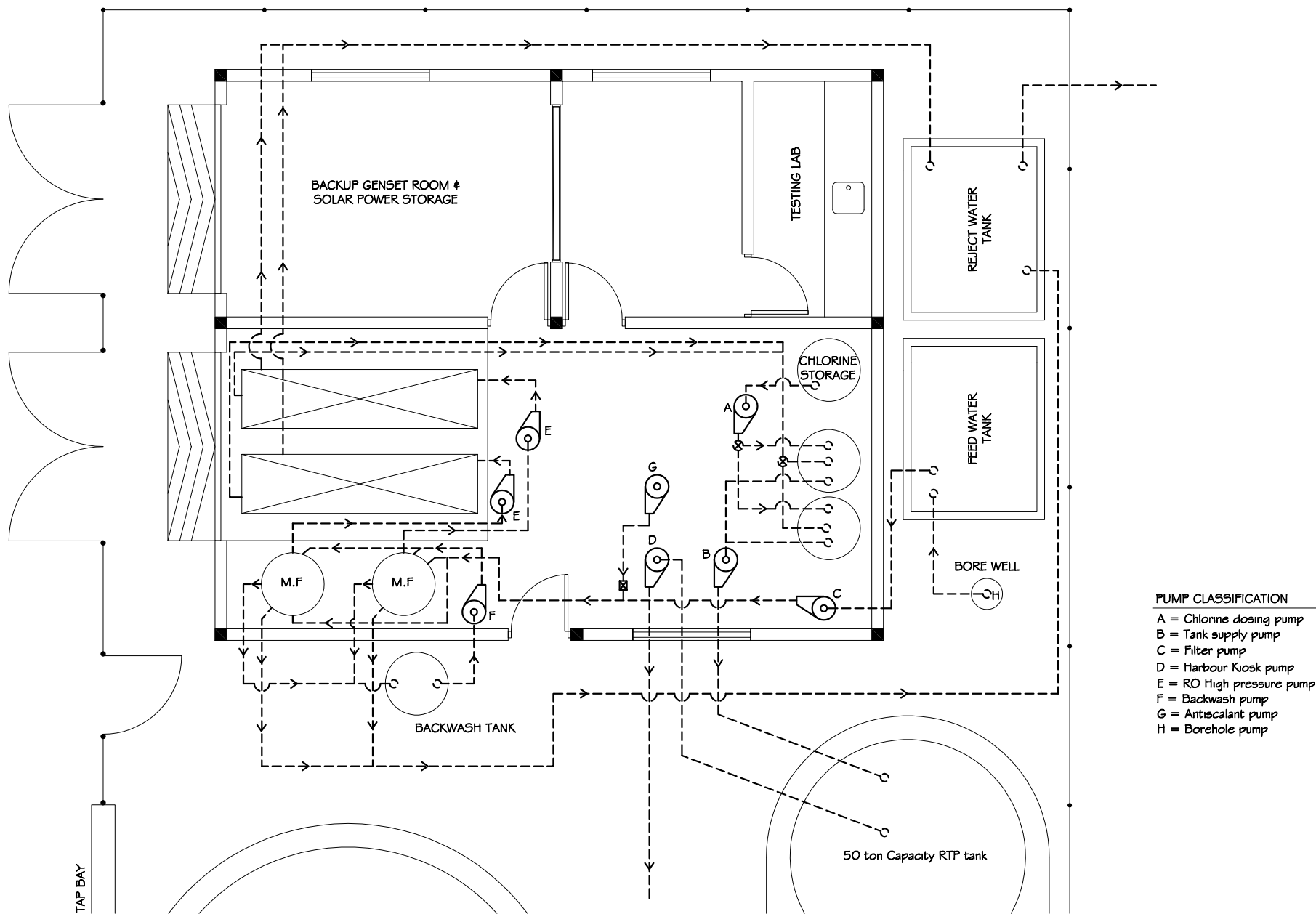
BALLAST BLOCK NEARS HORE



BACKWASH TANK FOUNDATION
PLAN



BACKWASH TANK FOUNDATION
SECTION



PIPE AND PUMP ARRANGEMENT INSIDE RO PLANT BUILDING TYPICAL LAYOUT

PROVISION OF WATER SUPPLY SANITATION AND SOLID
WASTE MANAGEMENT PROJECT

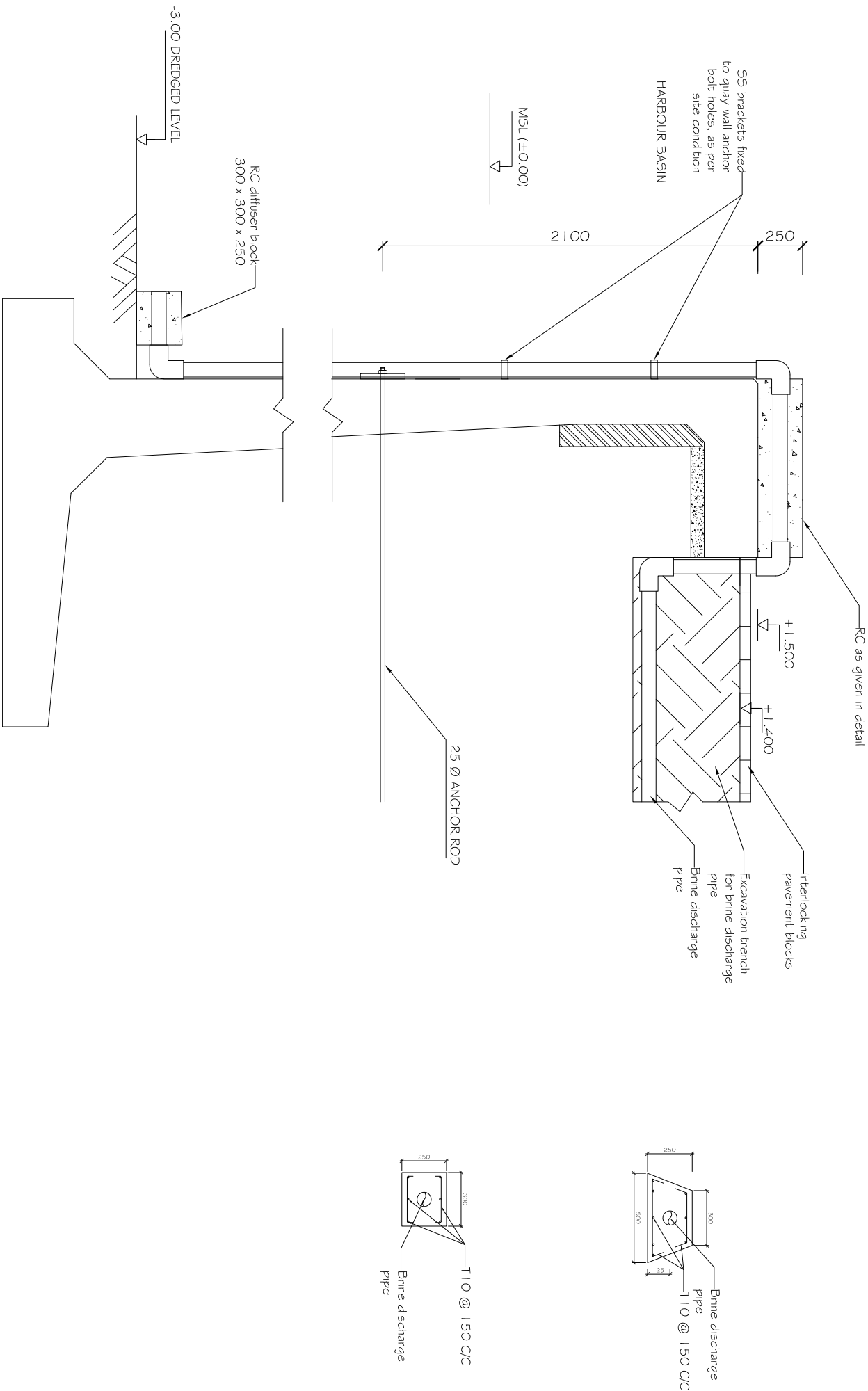
OPEC FUND FOR INTERNATIONAL DEVELOPMENT

PROJECT:
14 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN

DATE: MAR 2017





BRINE PIPE HARBOUR DISCHARGE DETAILS

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT		PROJECT: I 4 ISLAND WATER SUPPLY PROJECT	SCALE: AS SHOWN	<div><div></div><div>STATE AND MANAGERMENT COMPANY GOVT PROJECT MINISTRY OF ENVIRONMENT AND PUBLIC WORKS INDRAPRASTHA, NEW DELHI INDIA - 110028</div></div>
OPEC FUND FOR INTERNATIONAL DEVELOPMENT				
DATE: MAR 2017				