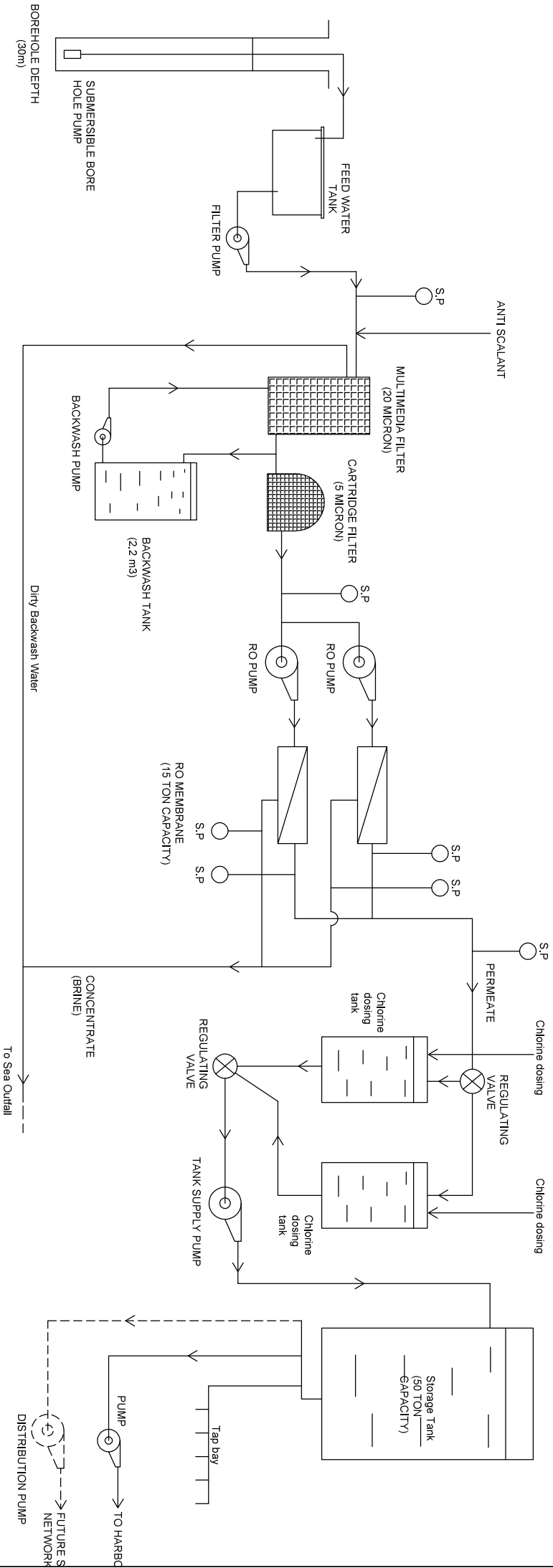


PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

RO PLANT BUILDING AND WATER SUPPLY FACILITY DRAWINGS - PACKAGE 2



WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY
HANDHUVAREE HINGUN MALP 20-01
REPUBLIC OF MALDIVES



S.P. = Sampling Point

RO PLANT SCHEMATIC ARRANGEMENT

OFID 14 ISLAND WATER SUPPLY PROJECT - PACKAGE 3

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

OPEC FUND FOR INTERNATIONAL DEVELOPMENT

PROJECT: 14 ISLAND WATER SUPPLY PROJECT

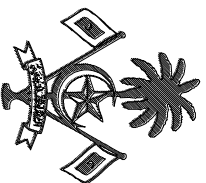
SCALE: AS SHOWN

DATE: DEC 2017



PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

N. MAAFARU RO PLANT BUILDING AND WATER SUPPLY FACILITY

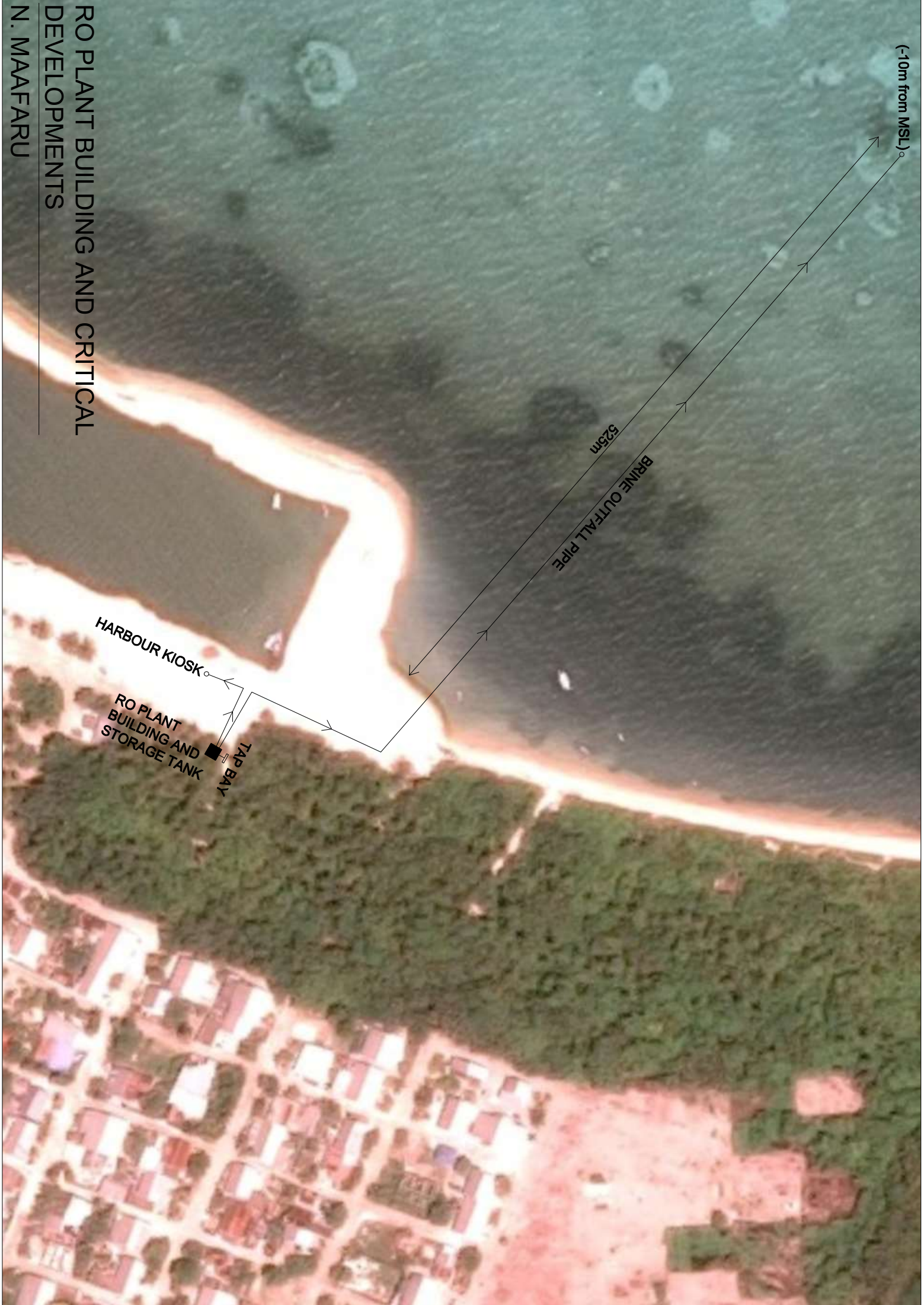


WATER SUPPLY COMPONENT

OFID PROJECT

MINISTRY OF ENVIRONMENT AND ENERGY

HANDUVAREE HINGUN MALE 20-01
REPUBLIC OF MALDIVES



(-10m from MSL)

525m

BRINE OUTFALL PIPE

HARBOUR KIOSK

RO PLANT
BUILDING AND
STORAGE TANK

TAP BAY

RO PLANT BUILDING AND CRITICAL
DEVELOPMENTS
N. MAAFARU

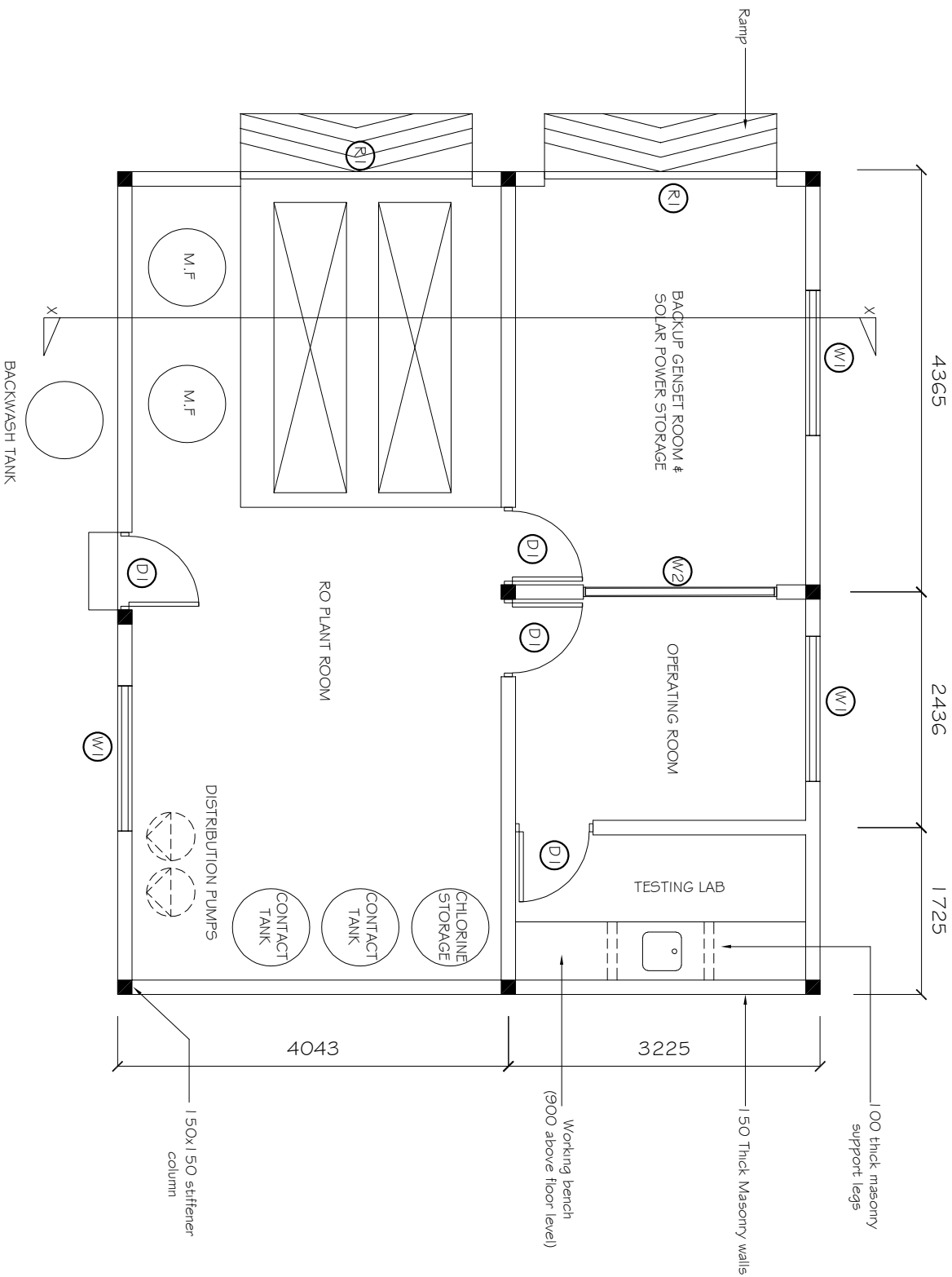
OPEC FUND FOR INTERNATIONAL DEVELOPMENT

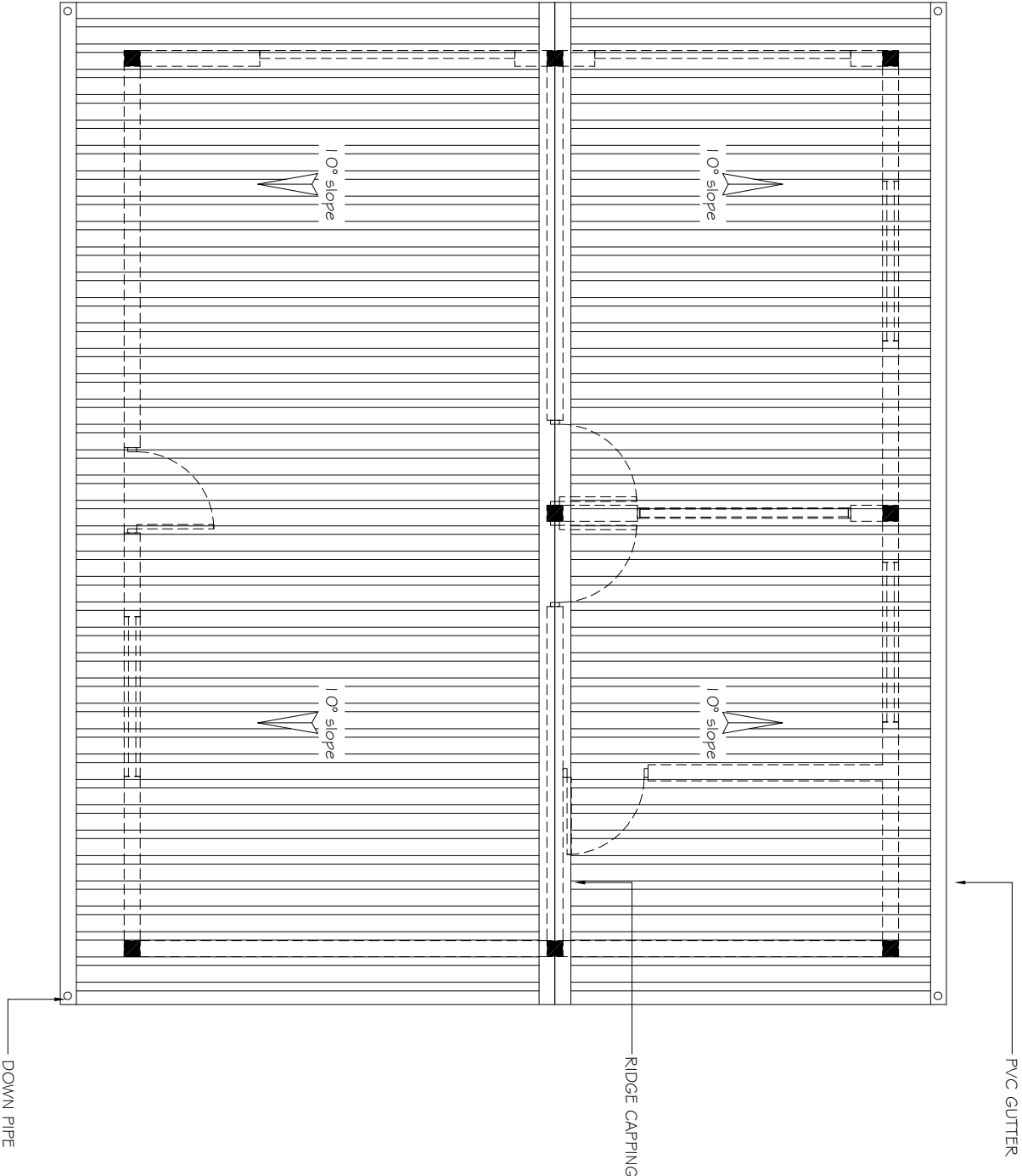
14 ISLAND WATER SUPPLY PROJECT

DATE: APR 2017

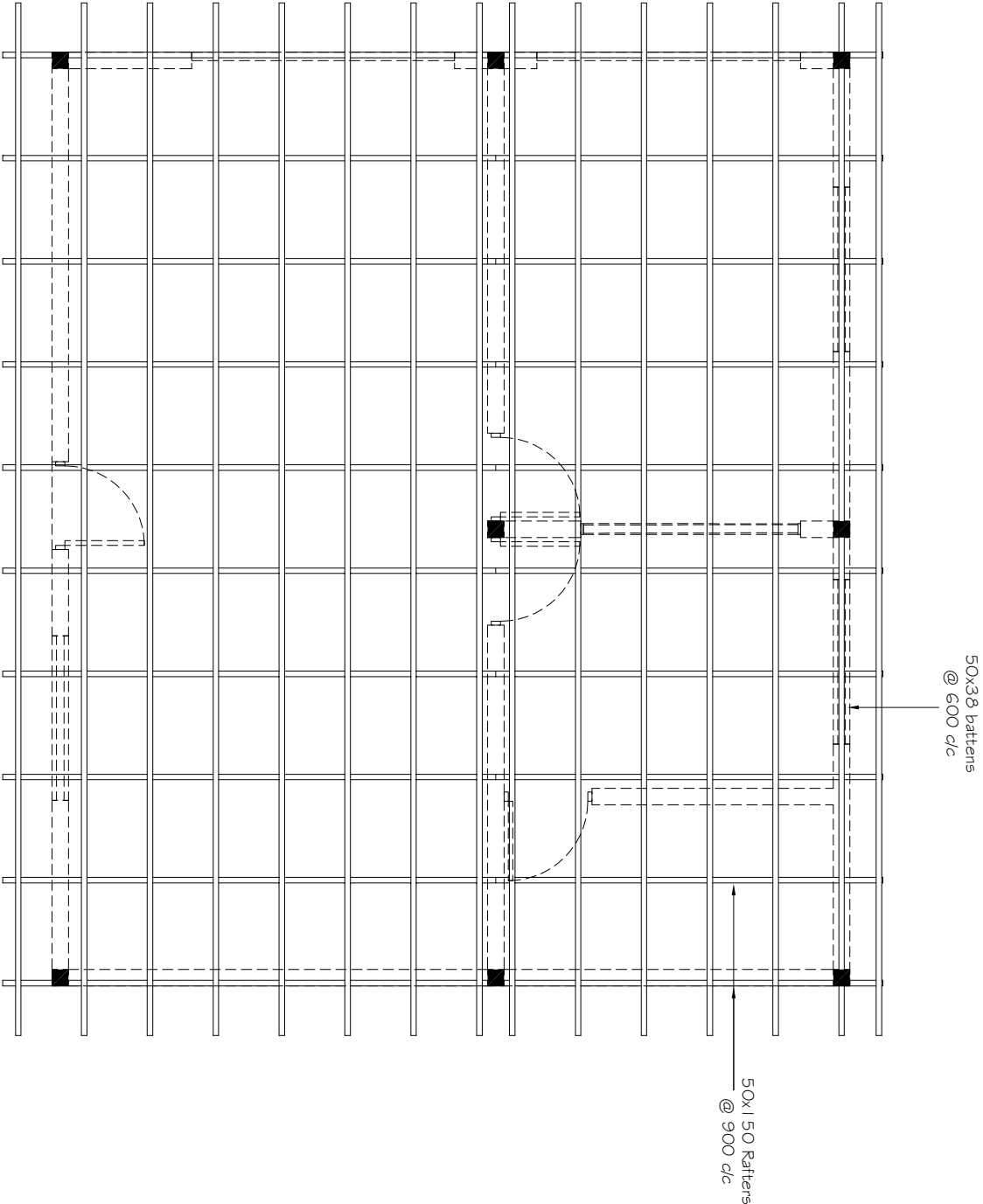


RO PLANT BUILDING
FLOOR PLAN N. MAAFARU





RO PLANT BUILDING
ROOF PLAN N. MAAFARU



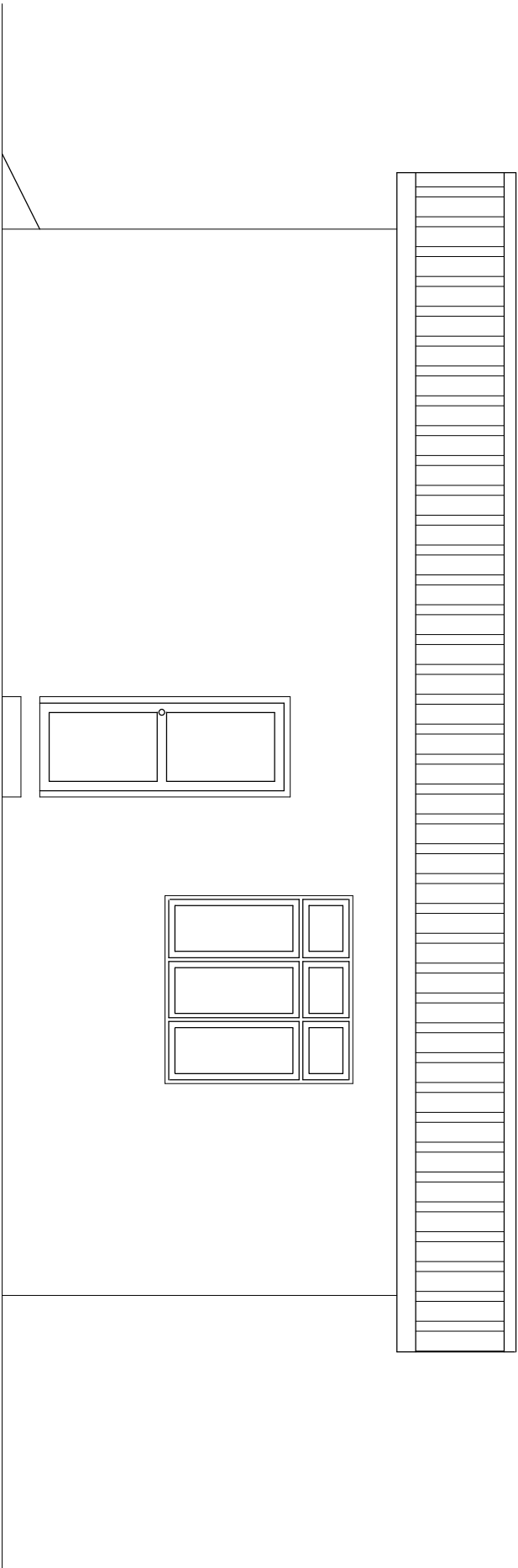
RO PLANT BUILDING
ROOF STRUCTURE N. MAAFARU

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

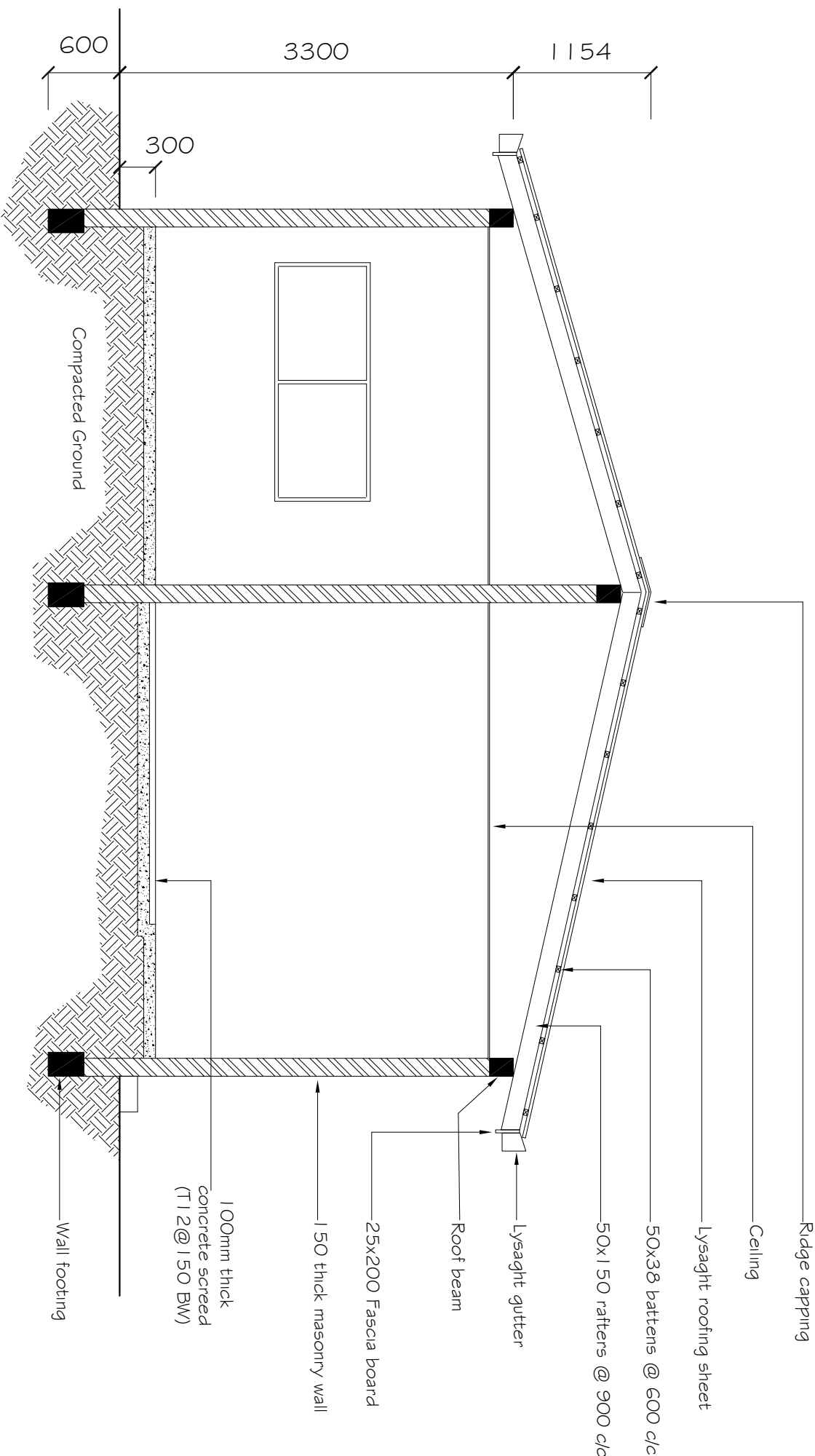
PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: APR 2017

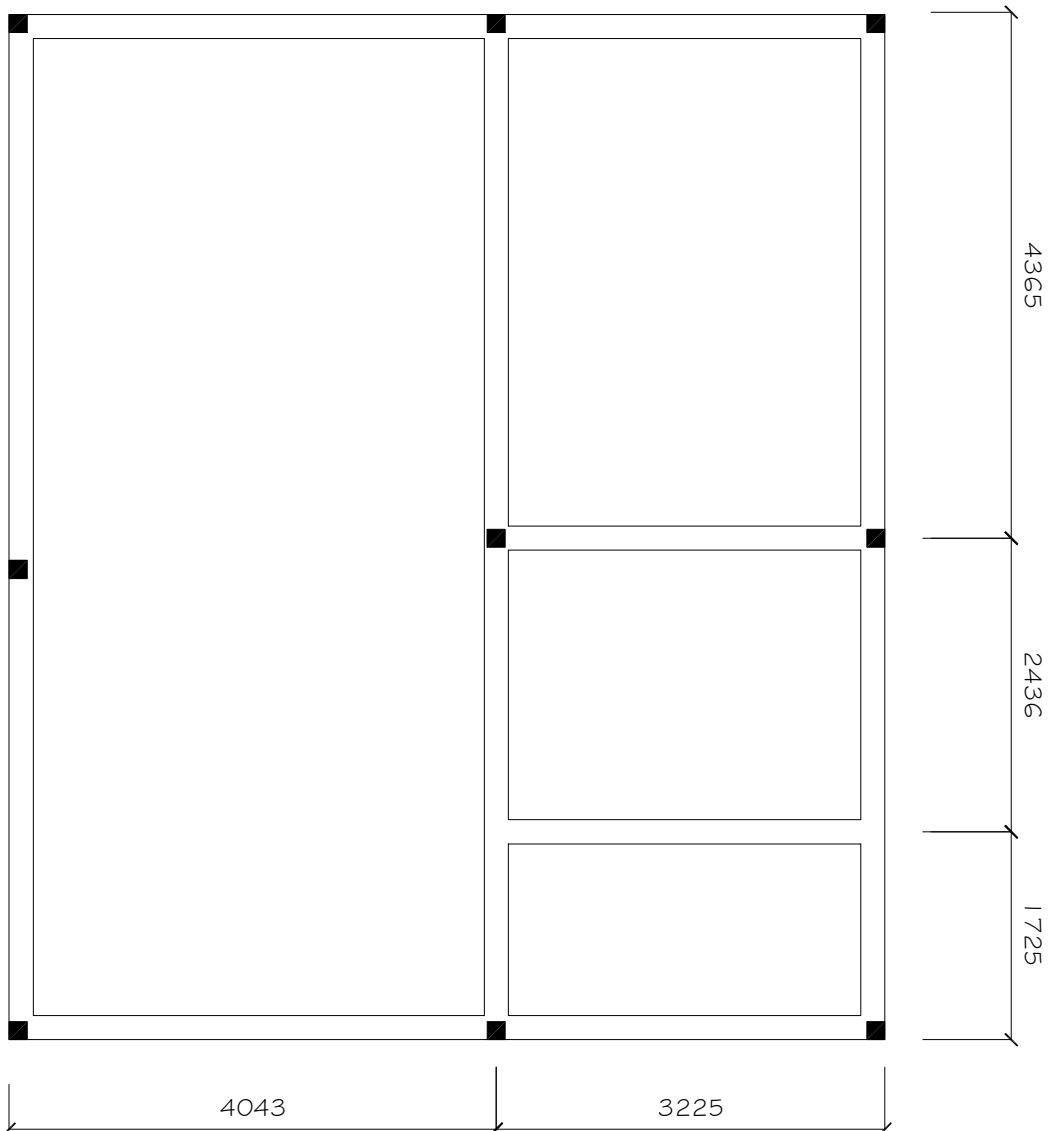




RO PLANT BUILDING
FRONT ELEVATION N. MAAFARU



RO PLANT BUILDING
SECTION X-X N. MAAFARU



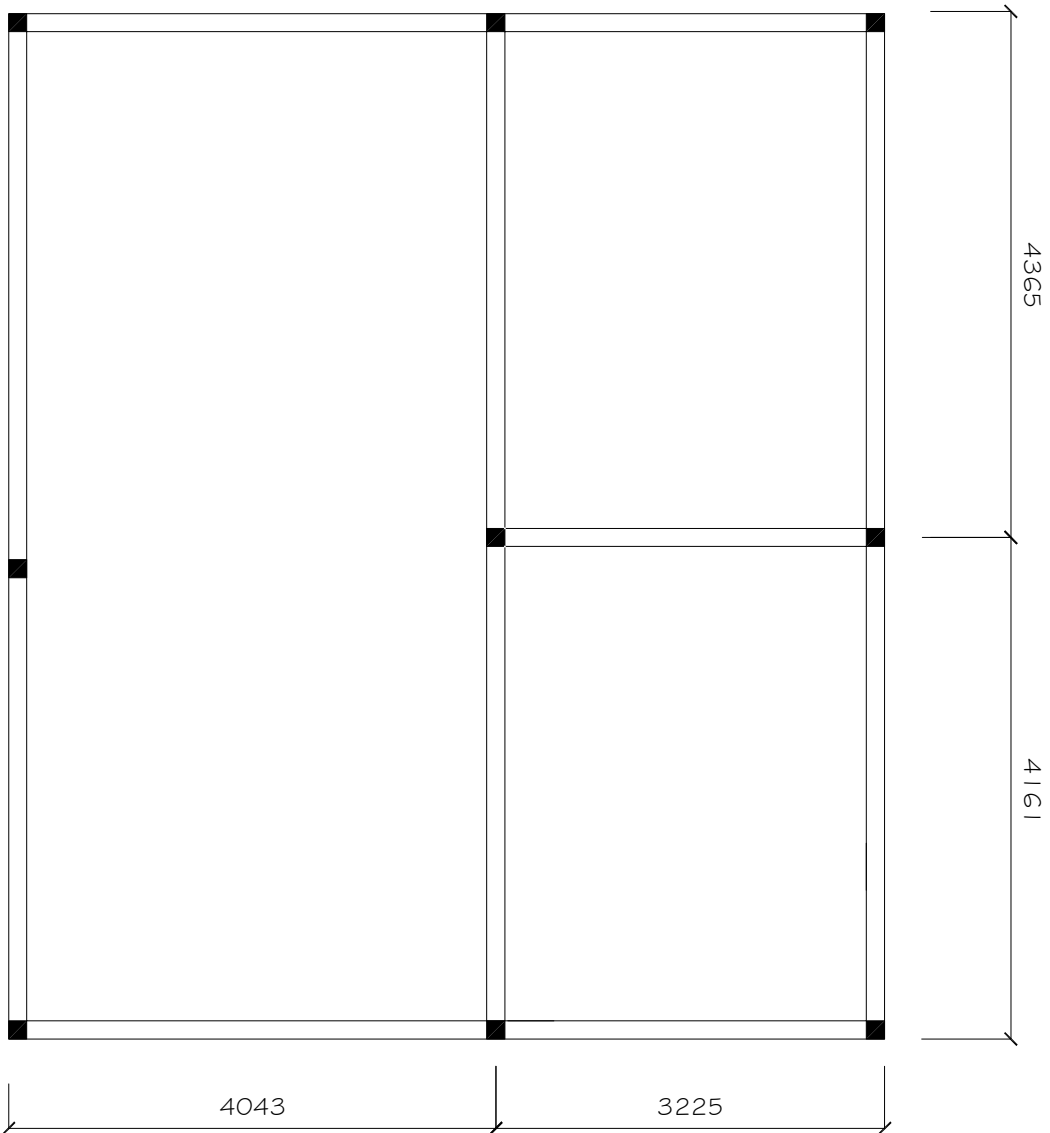
RO PLANT BUILDING
WALL FOOTING PLAN N. MAAFARU

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

PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: APR 2017





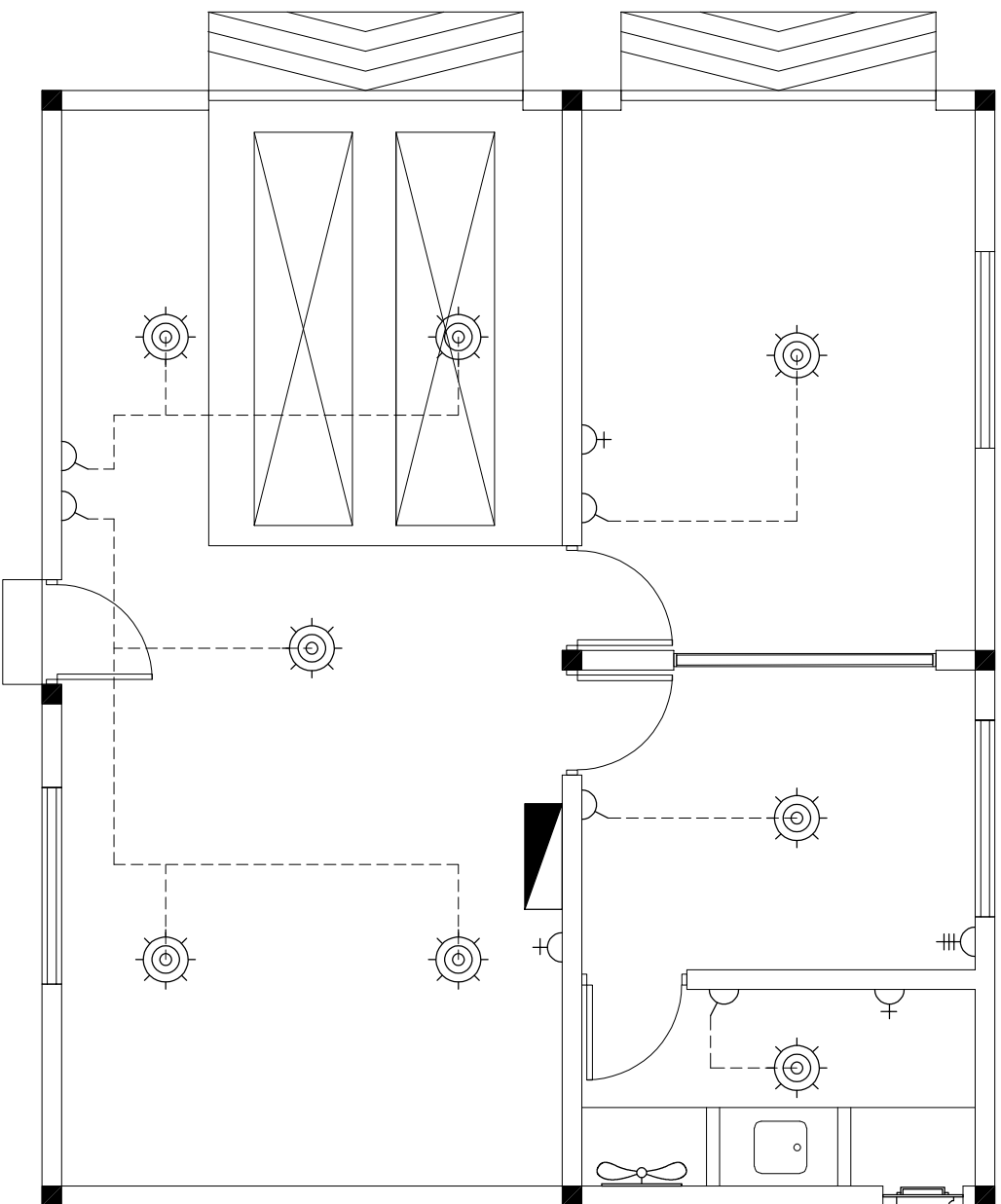
RO PLANT BUILDING
ROOF BEAM PLAN N. MAAFARU

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

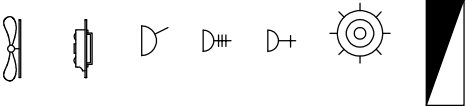
PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: APR 2017



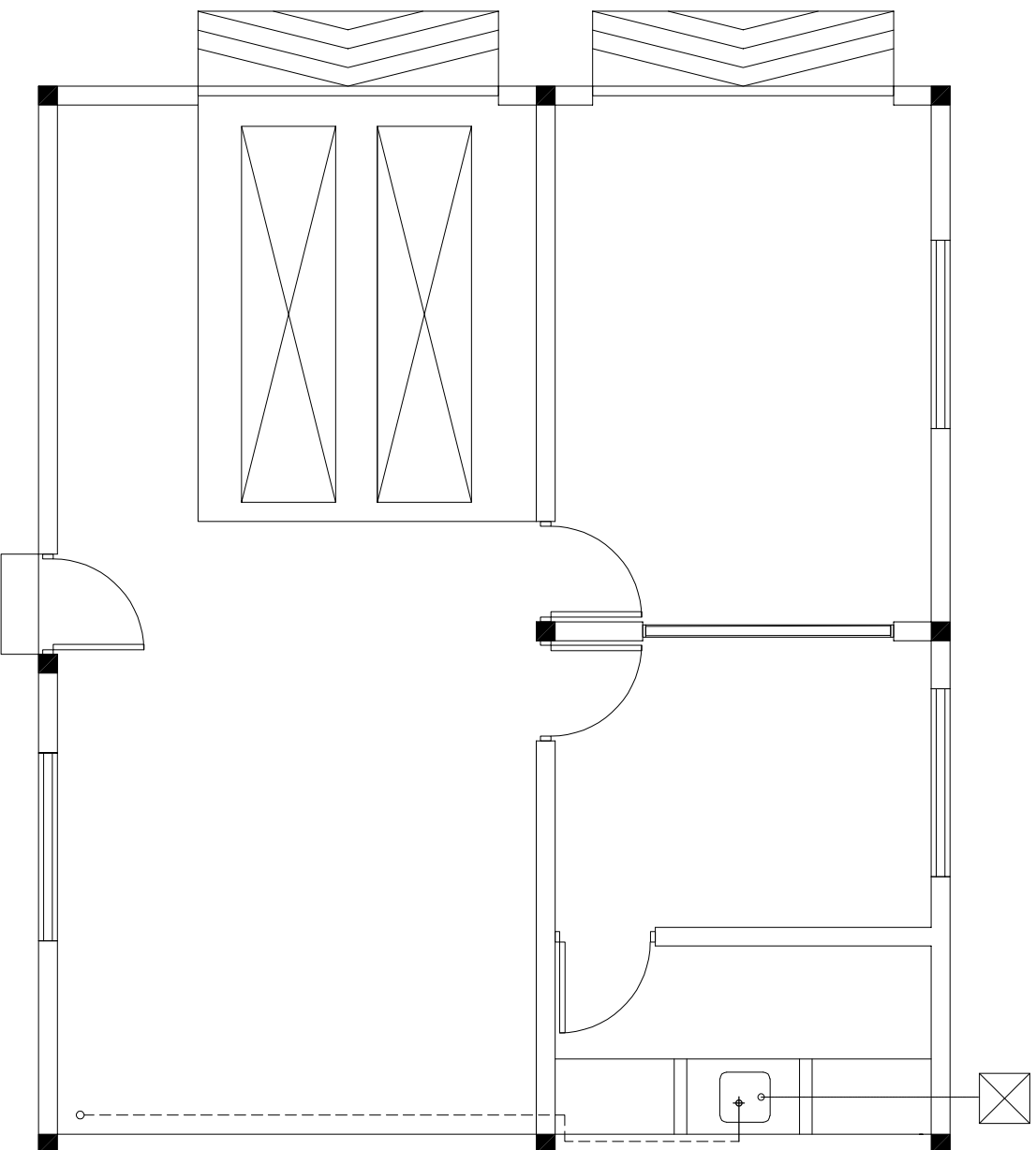


- DISTRIBUTION BOARD
- 100W ENERGY SAVING LIGHT
- POWER SOCKET
[0.4m ABOVE GROUND]
- POWER SOCKET
[0.4m BELOW CEILING]
- SINGLE GANG SWITCH
- WALL MOUNT EXHAUST FAN
- WALL MOUNT FAN



RO PLANT BUILDING

ELECTRICAL LAYOUT N. MAAFARU



— ϕ — PVC Sink Tap

Soak pit

--- 25mm PVC Pipe

— 50mm PVC Train Pipe

RO PLANT BUILDING

PLUMBING LAYOUT N. MAAFARU

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

PROJECT:
I 4 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

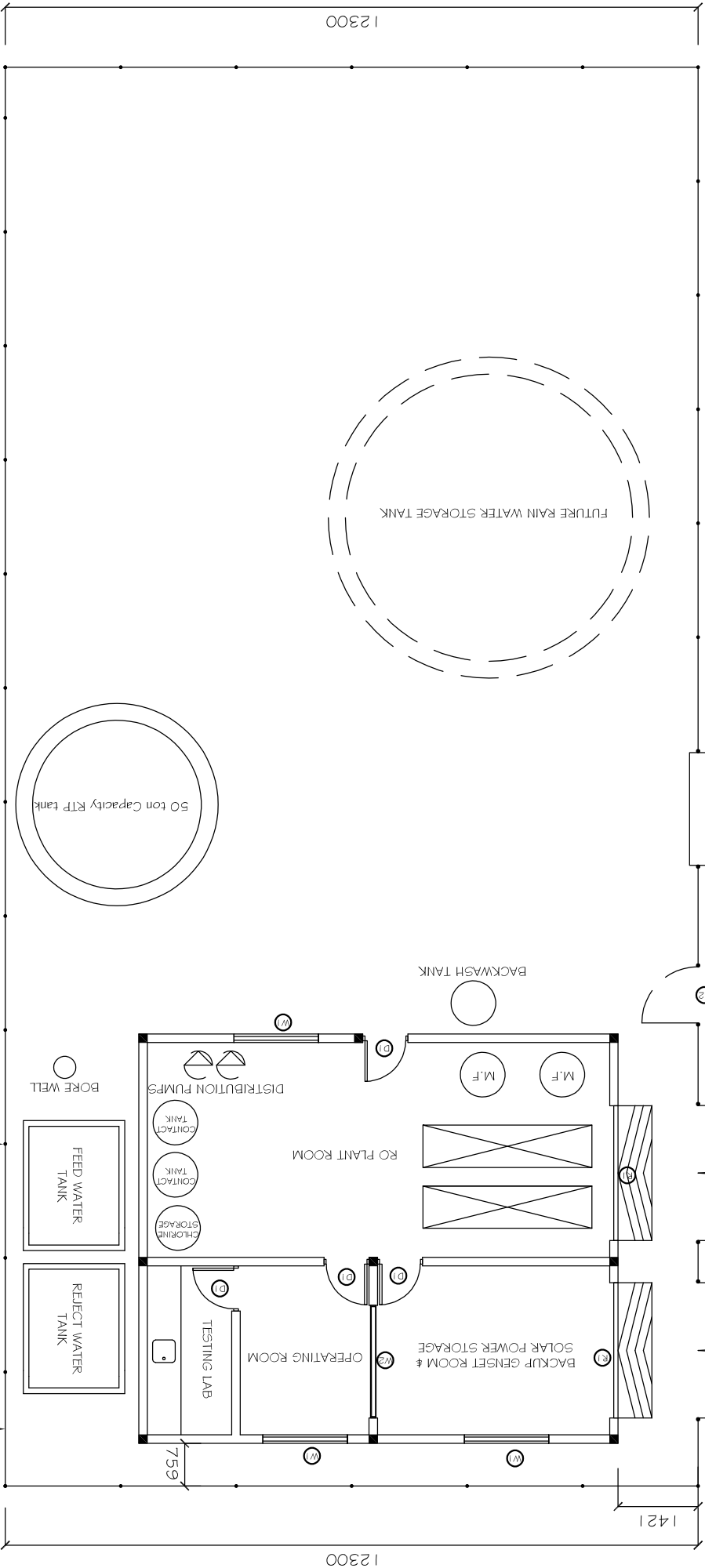
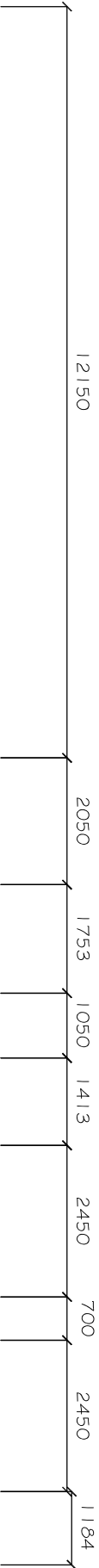


WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY
HANDHUVAREE HINGUN MALE 20-01
REPUBLIC OF MALDIVES



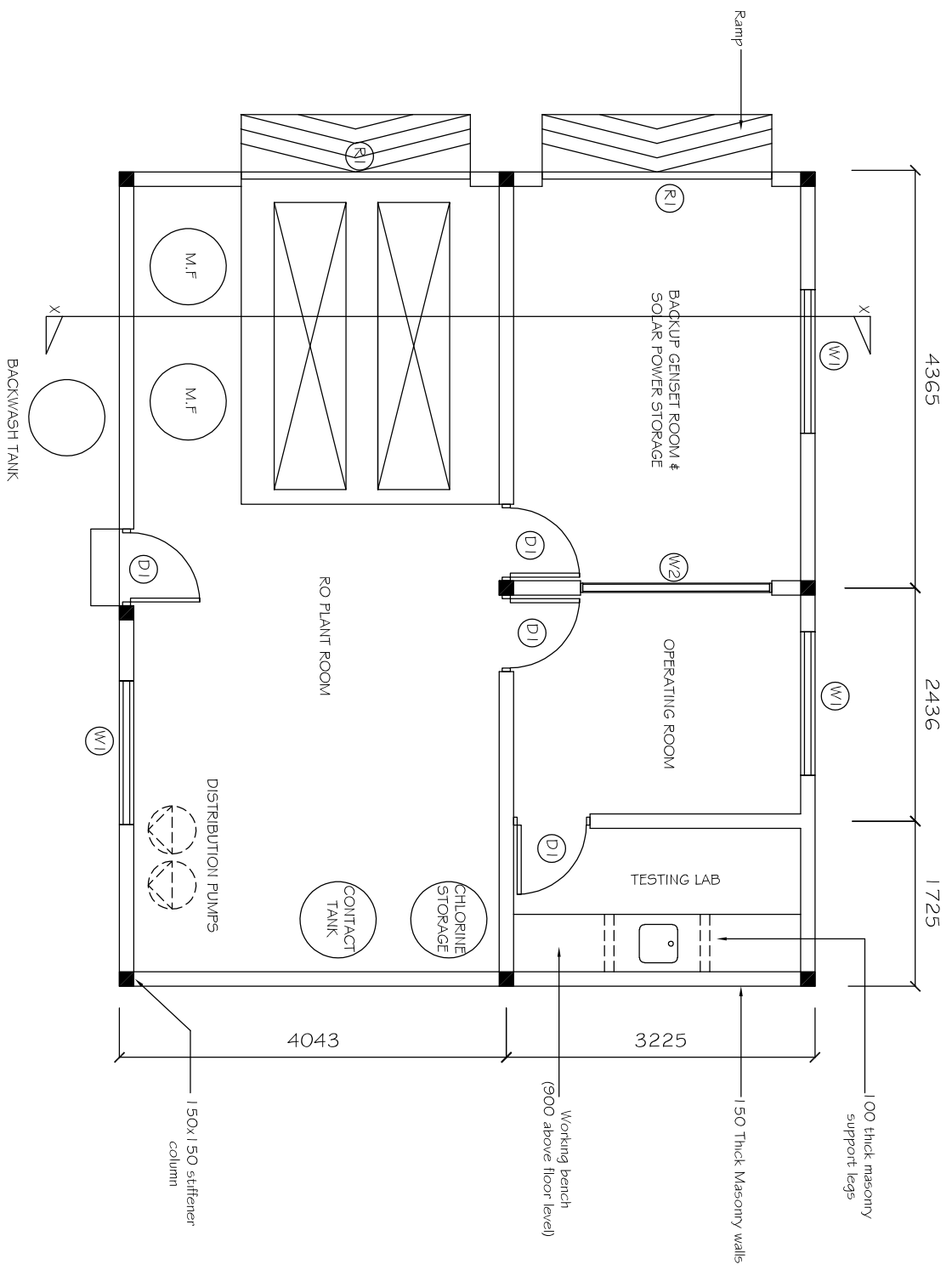
RO PLANT BUILDING AND CRITICAL DEVELOPMENTS

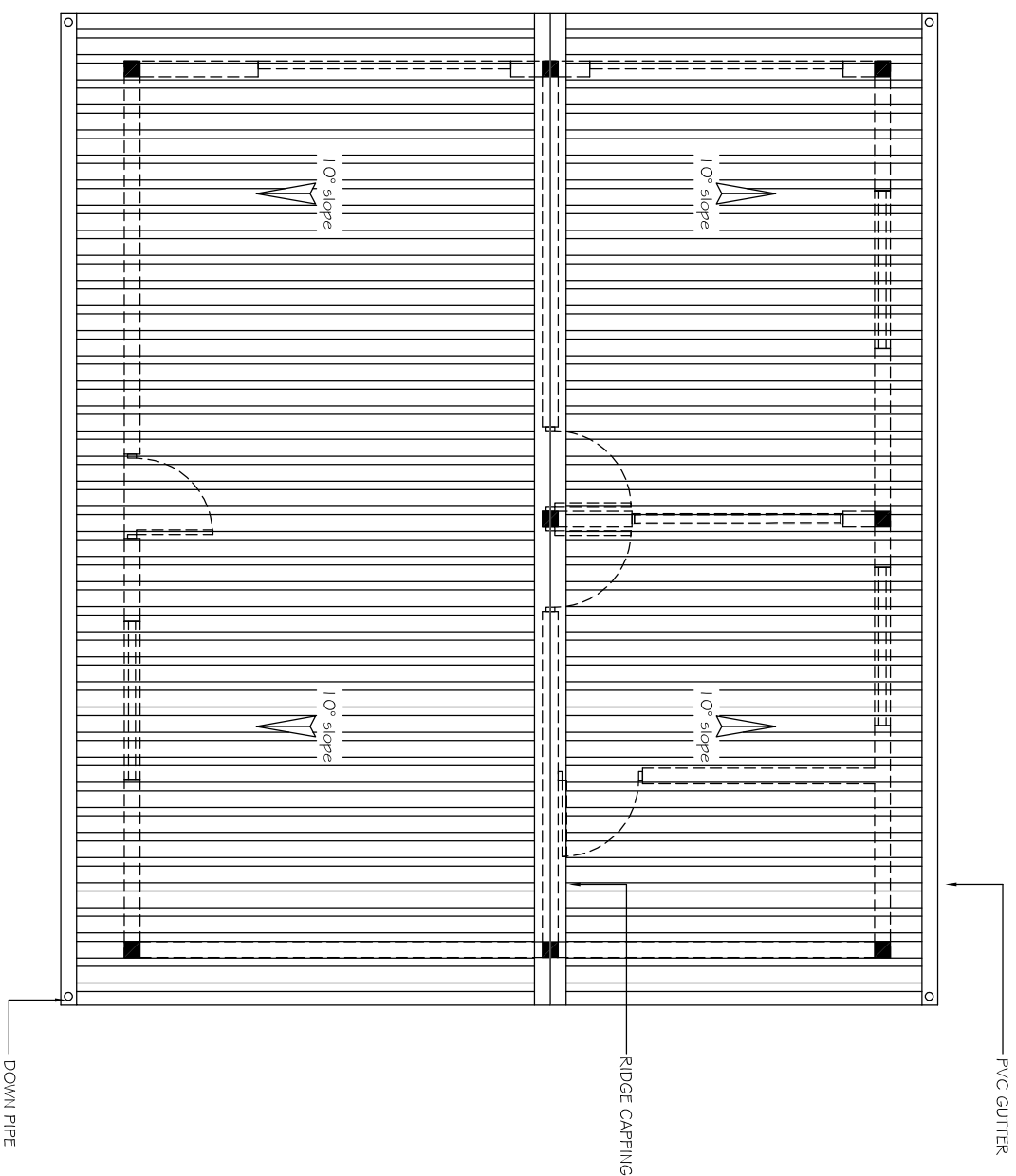
H.DH NELAI DHOO



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

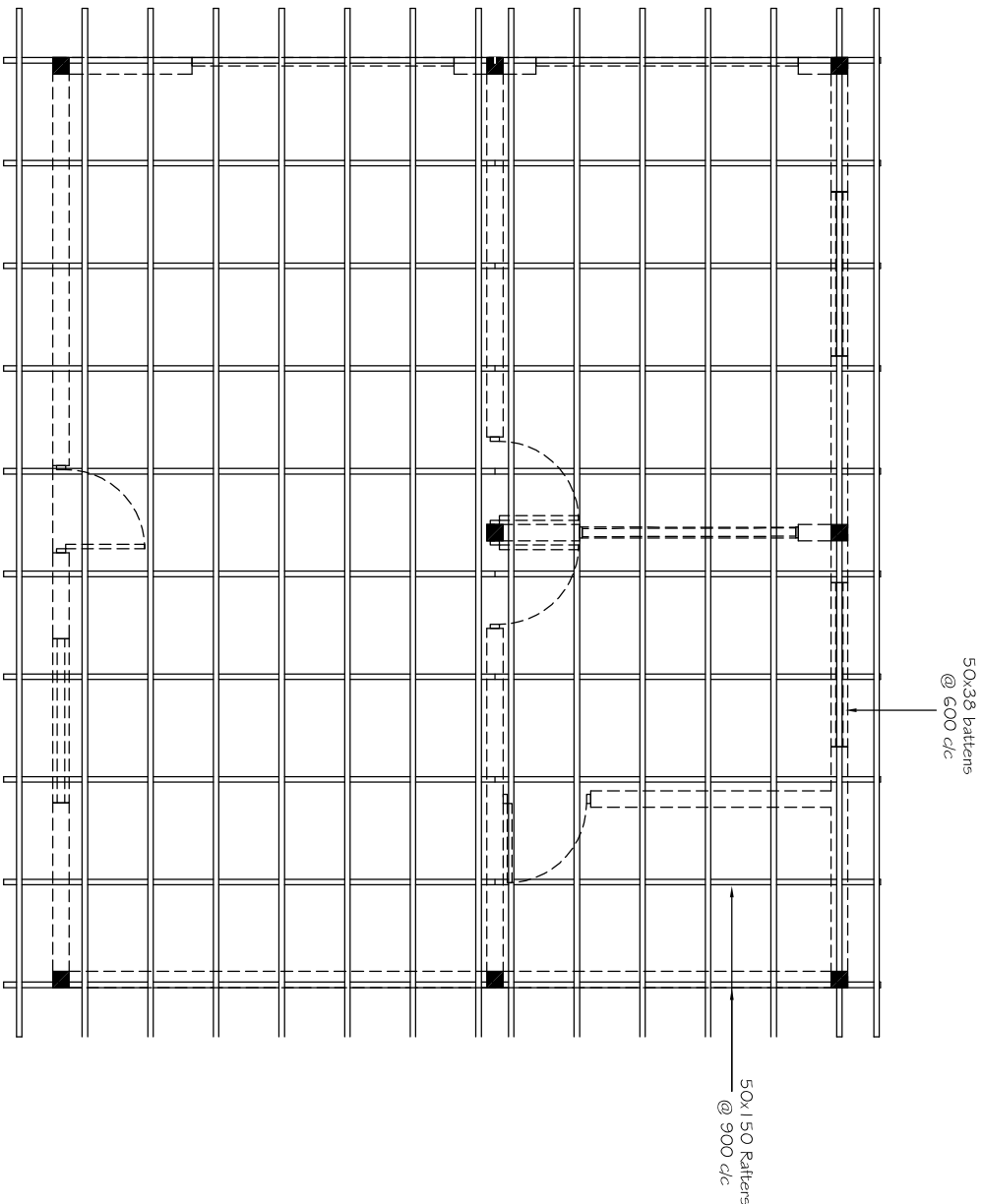
RO PLANT BUILDING
FLOOR PLAN H.DH NELLAIDHOO



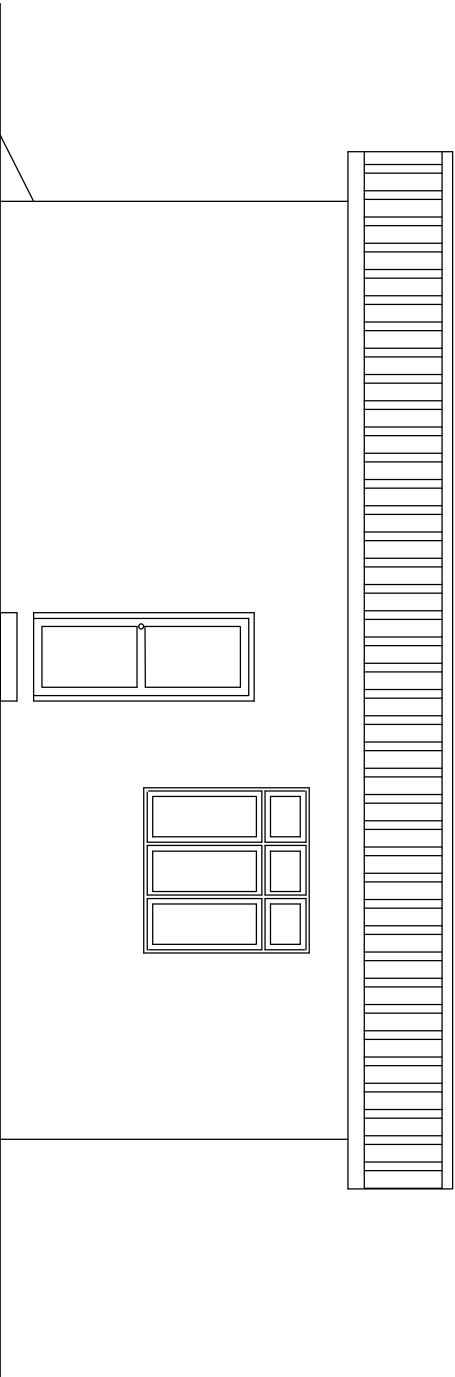


RO PLANT BUILDING
 ROOF PLAN H.DH NELLAI DHOO





RO PLANT BUILDING
ROOF STRUCTURE H.DH NELLAIDHOO



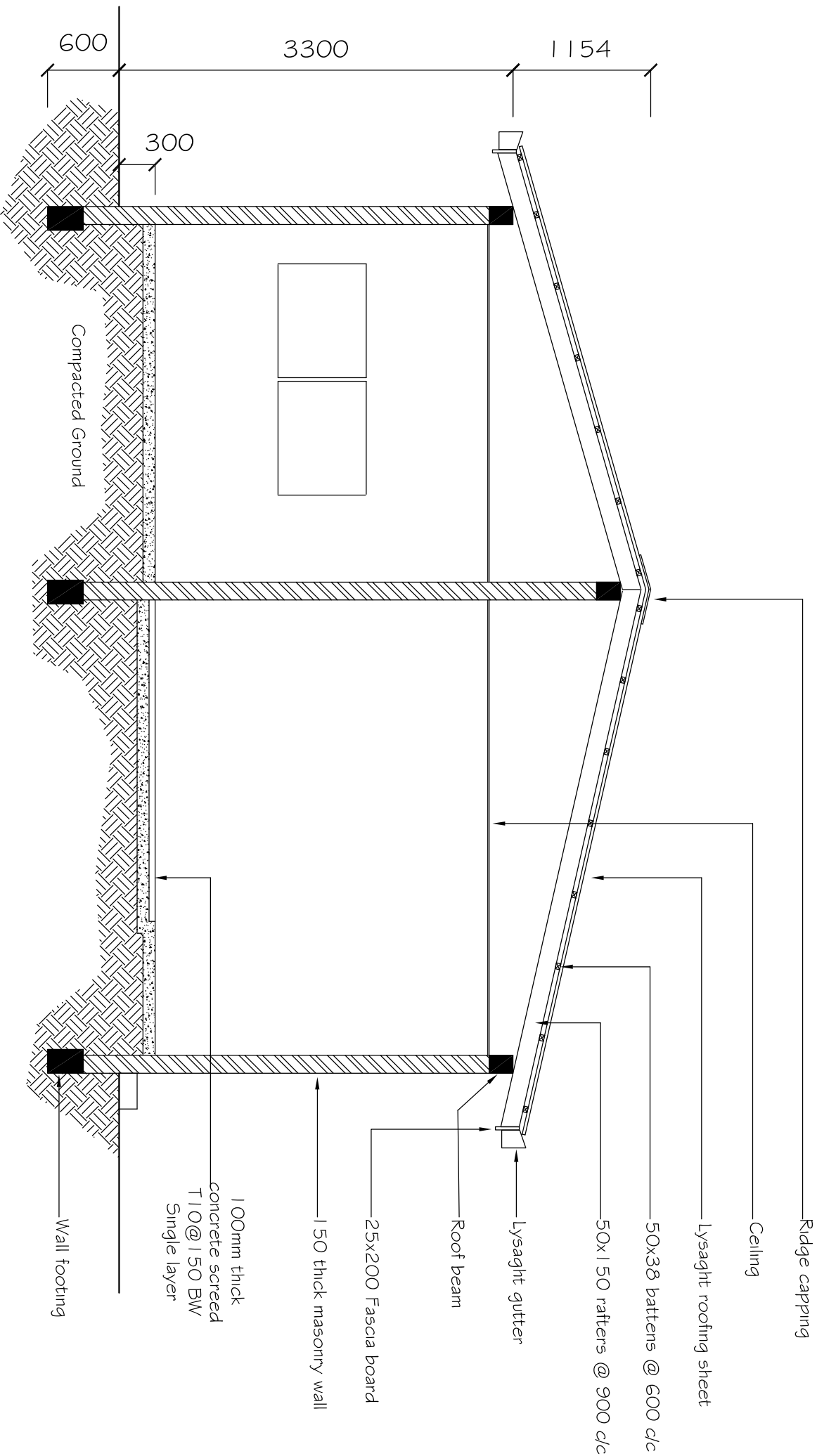
RO PLANT BUILDING
FRONT ELEVATION H.DH NELLAIIDHOO

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

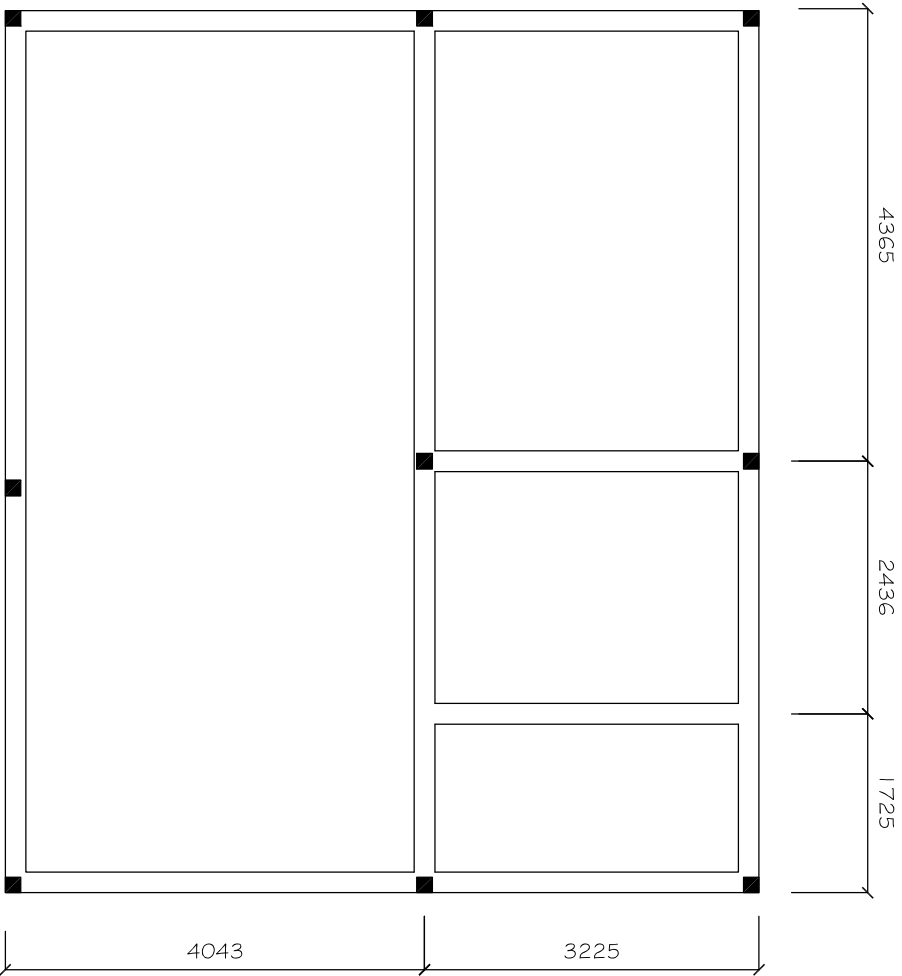
PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: MAR 2017

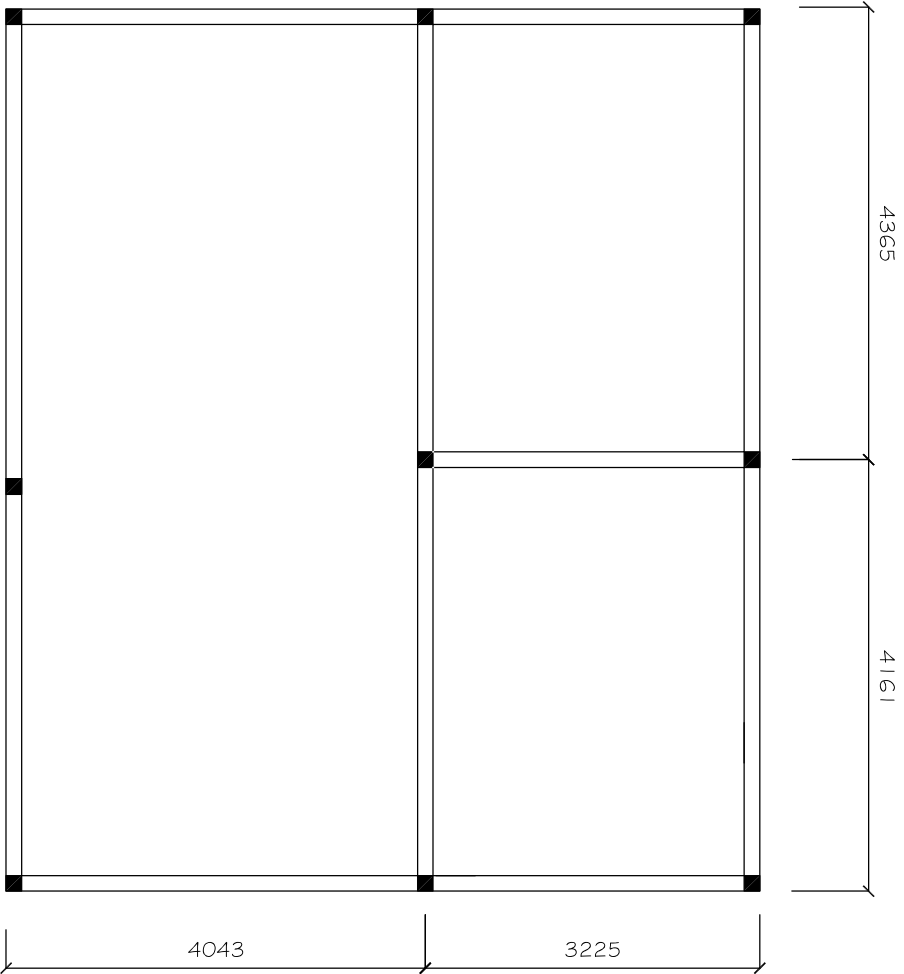




RO PLANT BUILDING
SECTION X-X H.DH NELLAIDHOO

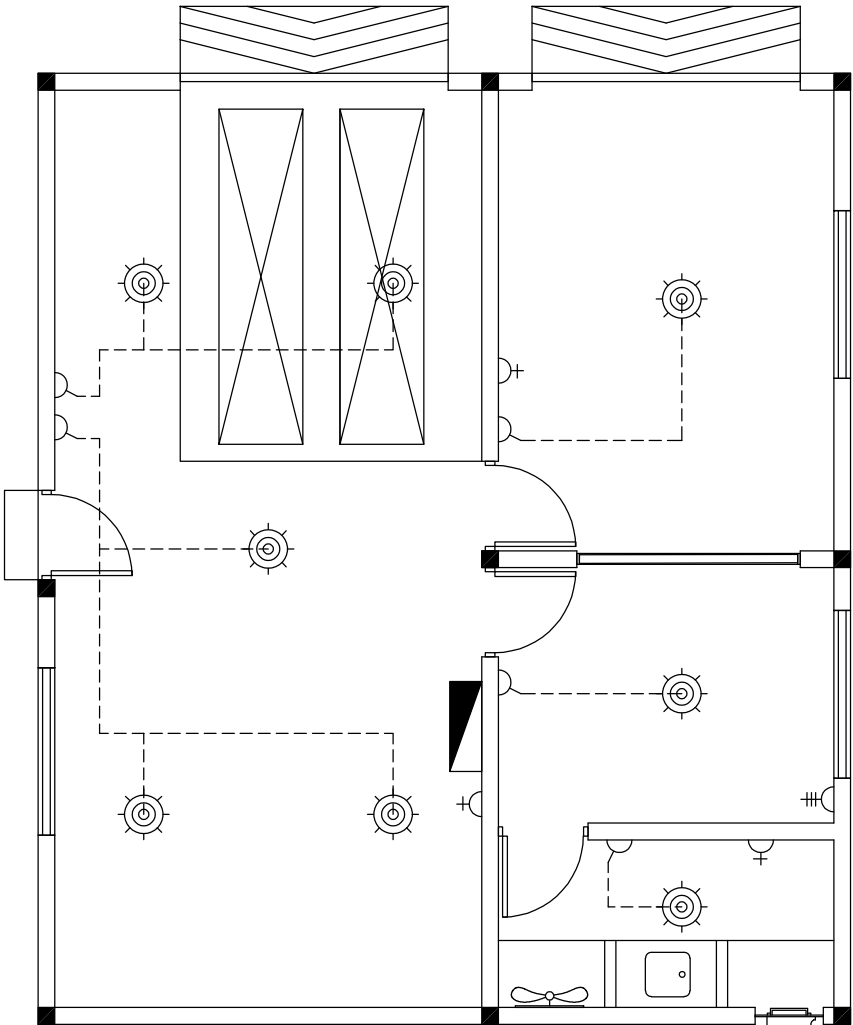


RO PLANT BUILDING
WALL FOOTING PLAN H.DH NEILAUDHOO



RO PLANT BUILDING
ROOF BEAM PLAN H.DH NELLAI DHOO

RO PLANT BUILDING
ELECTRICAL LAYOUT H.I.DH NELLAIDHOO

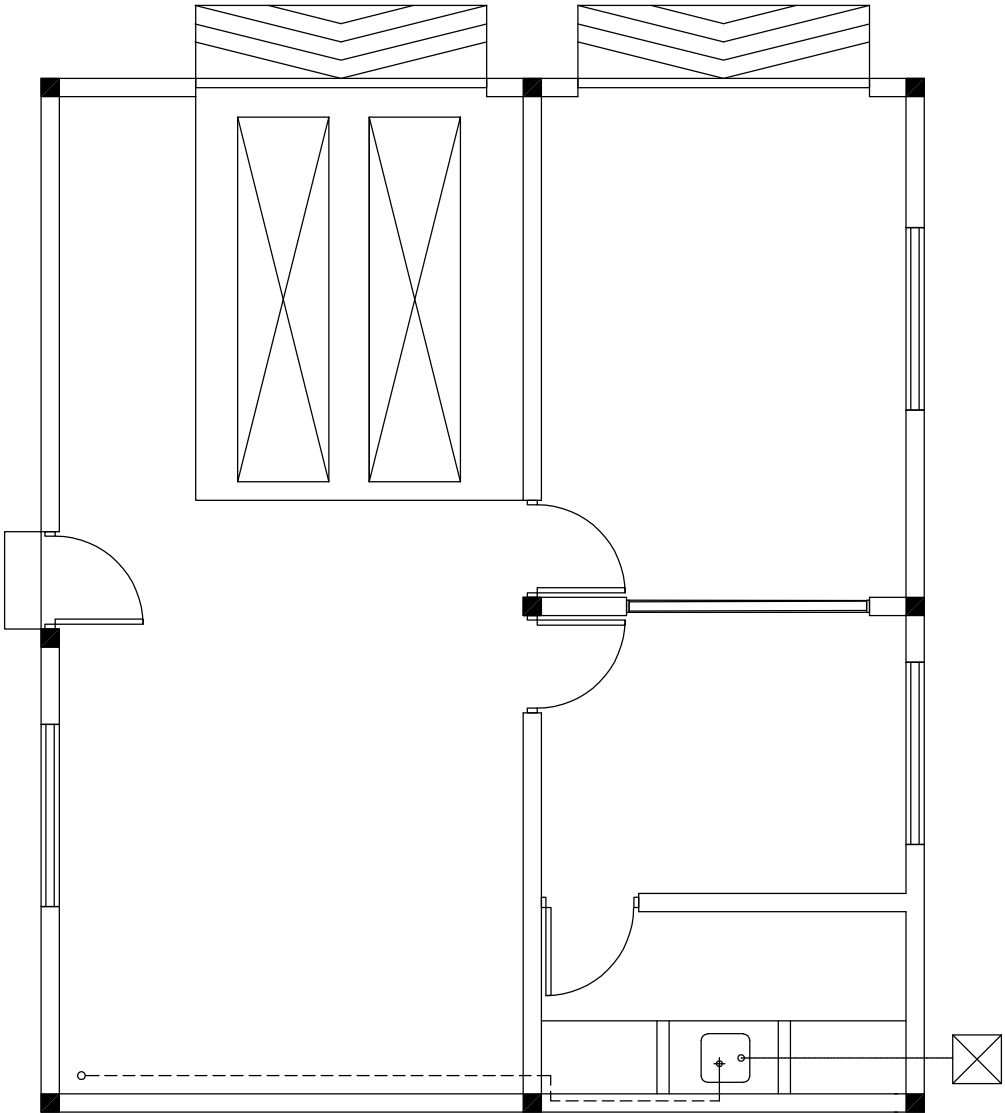






- DISTRIBUTION BOARD
- 100W ENERGY SAVING LIGHT
- POWER SOCKET [0.4m ABOVE GROUND]
- POWER SOCKET [0.4m BELOW CEILING]
- SINGLE GANG SWITCH
- WALL MOUNT EXHAUST FAN
- WALL MOUNT FAN



RO PLANT BUILDING

PLUMBING LAYOUT H.DH NELLAIDHOO



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

COMMON DRAWINGS

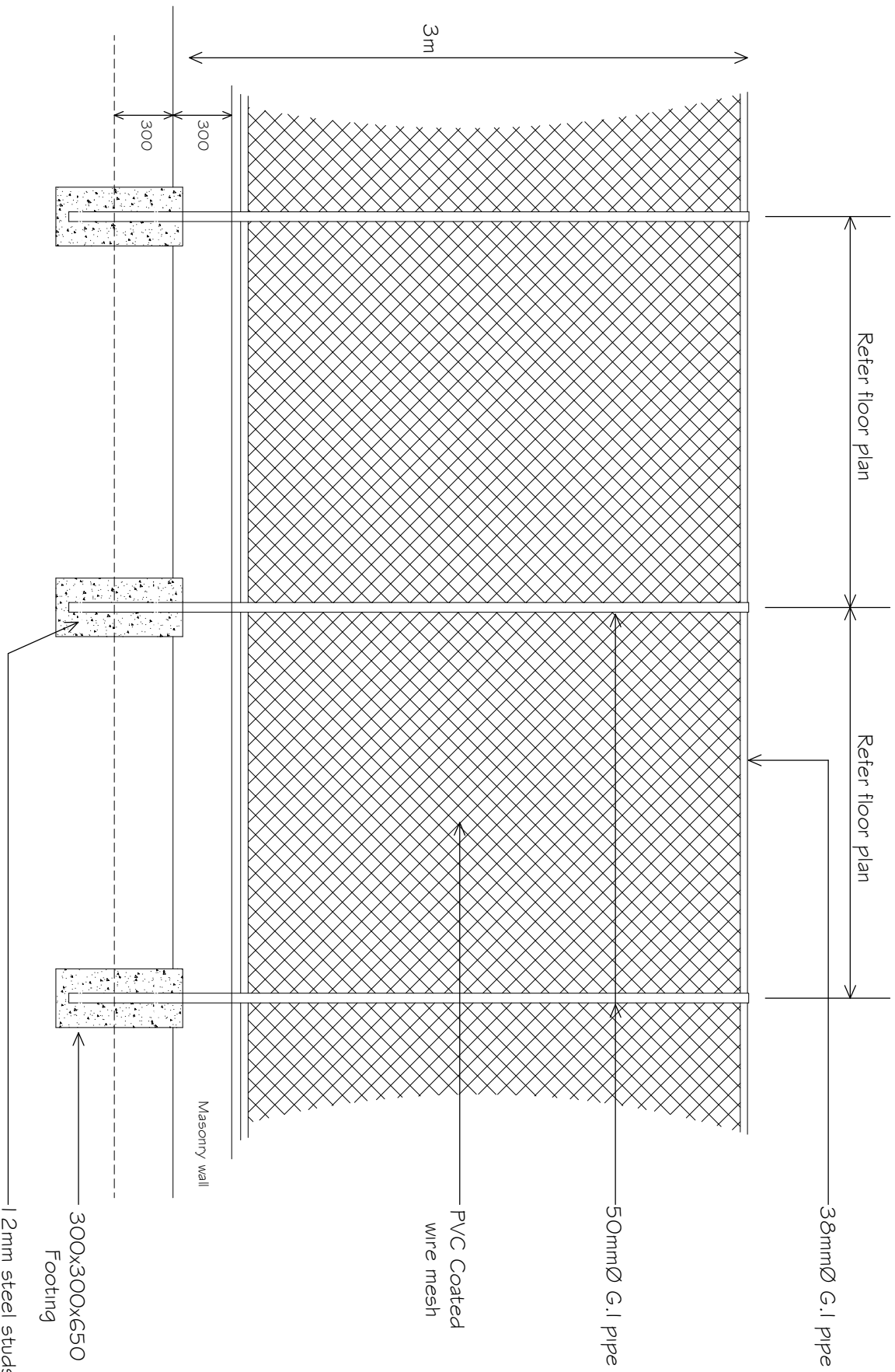
PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT
OPEC FUND FOR INTERNATIONAL DEVELOPMENT

PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

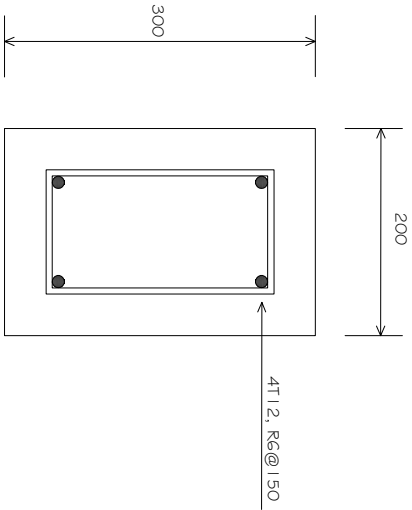
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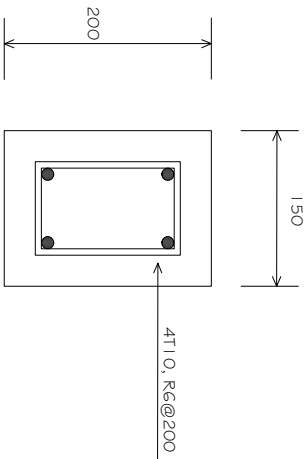




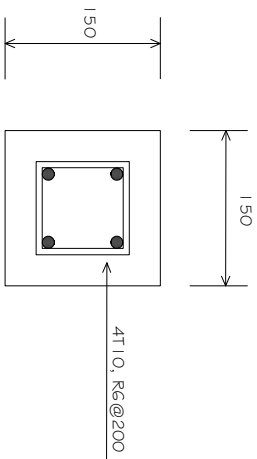
RO PLANT SITE
PERIMETER FENCE



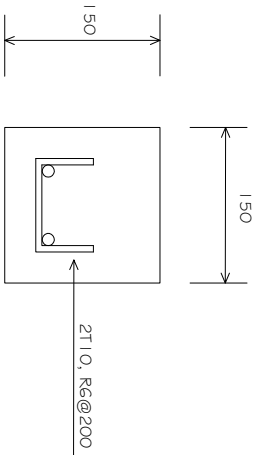
WALL FOOTING



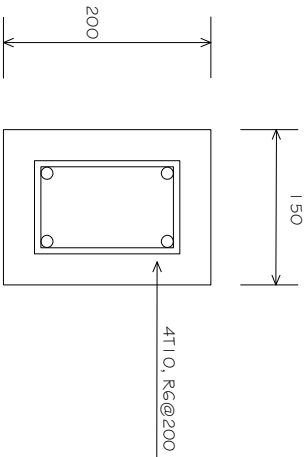
ROOF BEAM



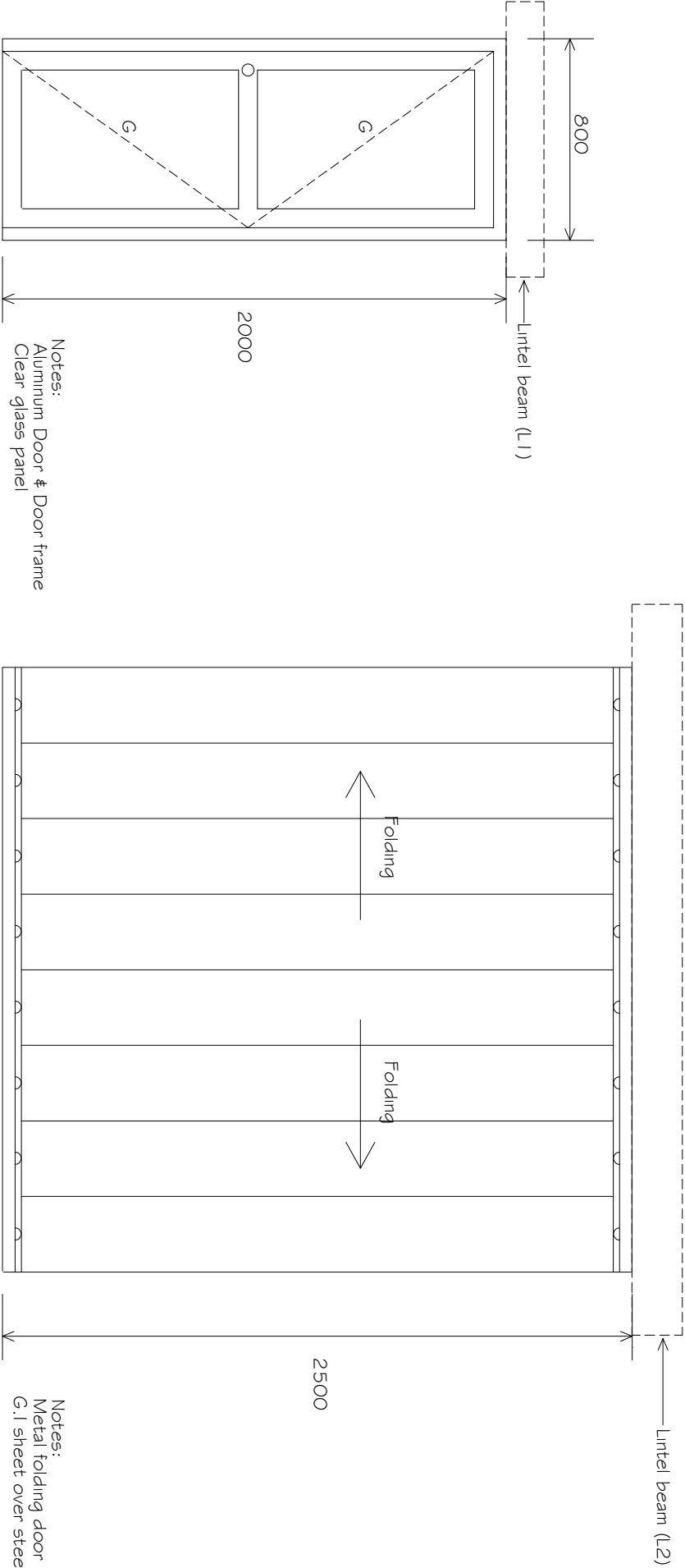
STIFFENER COLUMN

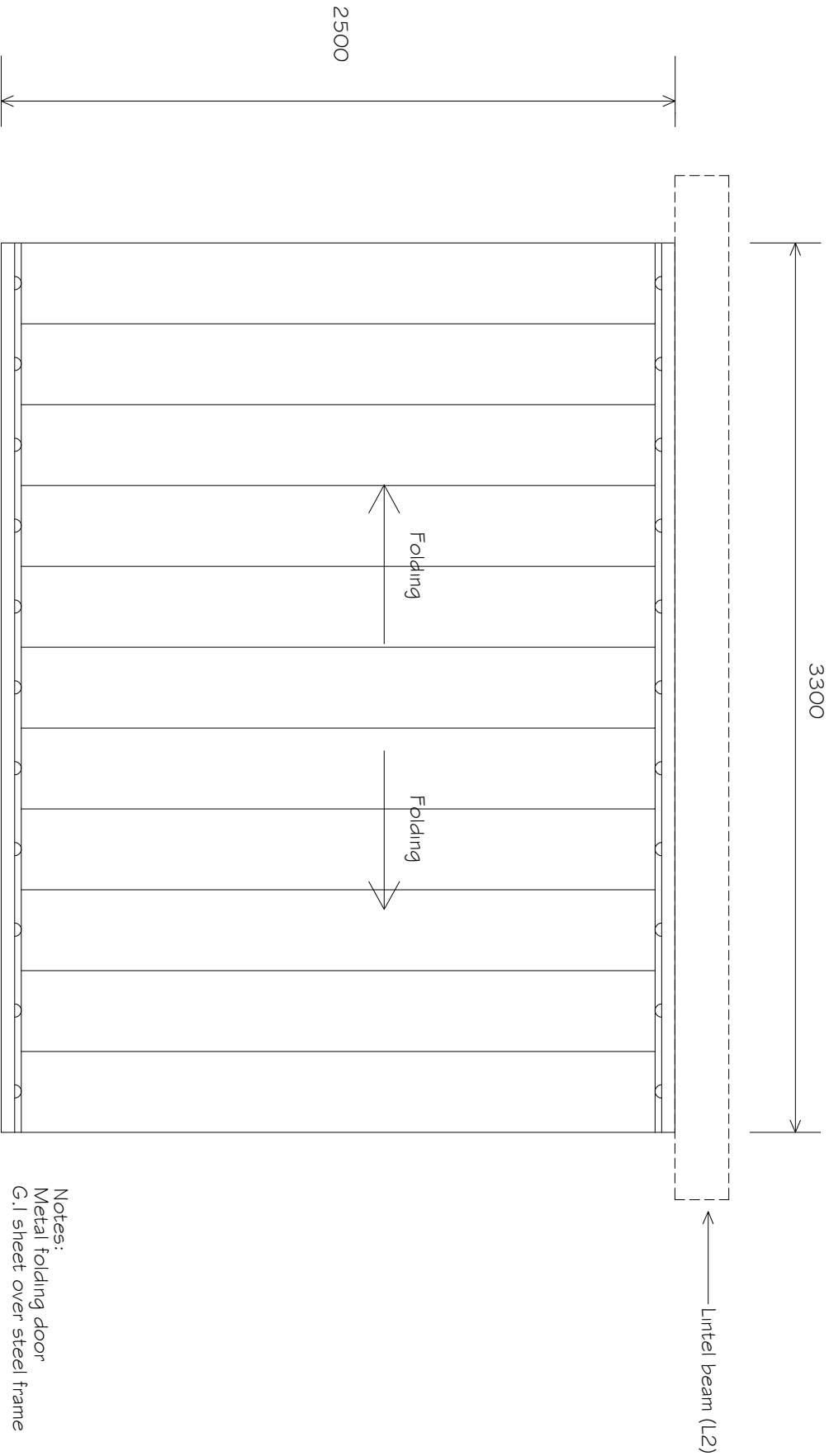


LINTEL BEAM - L1

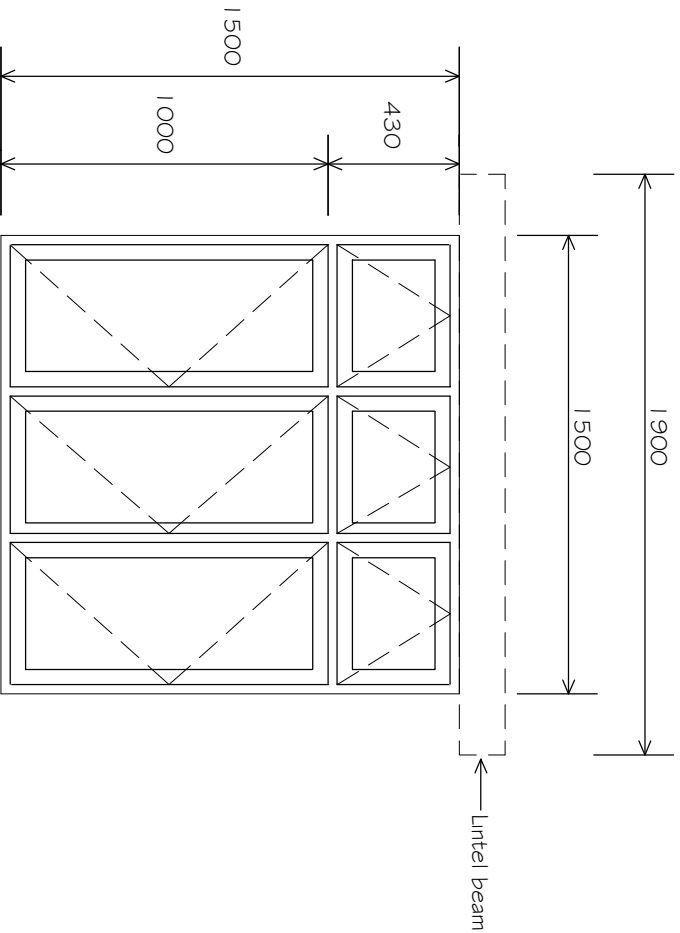


LINTEL BEAM - L2



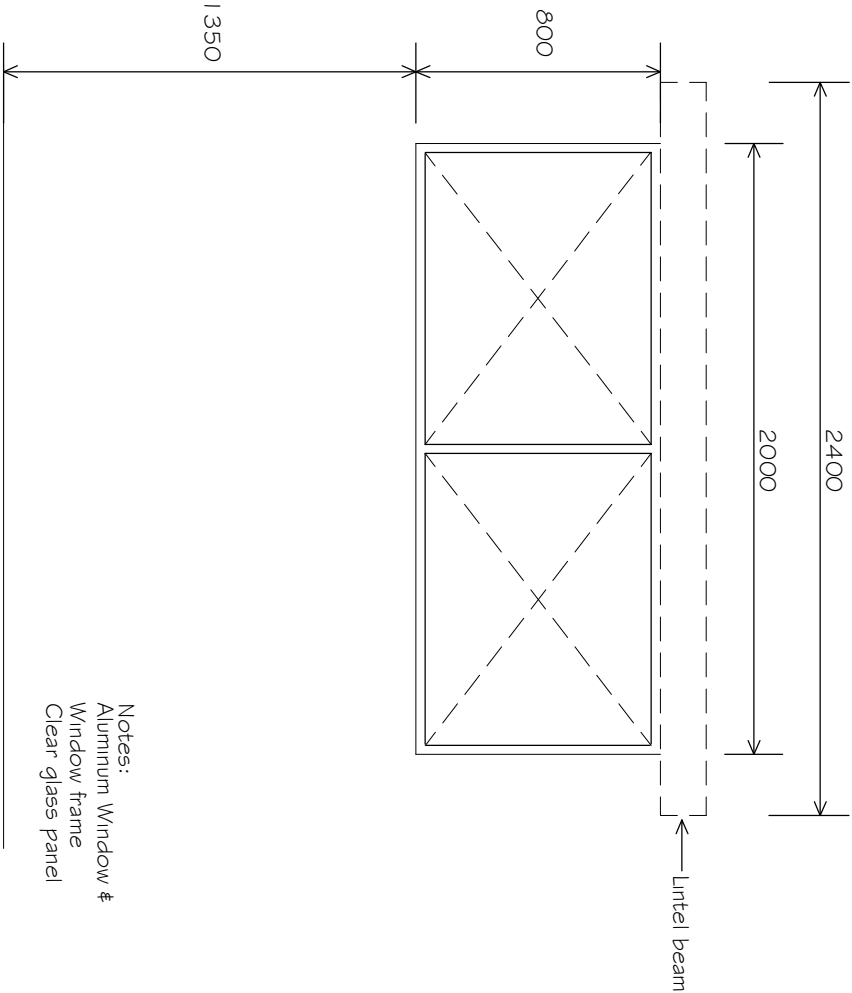


DOOR R2



Notes:
Aluminum Window #
Window frame
Clear glass panel

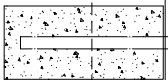
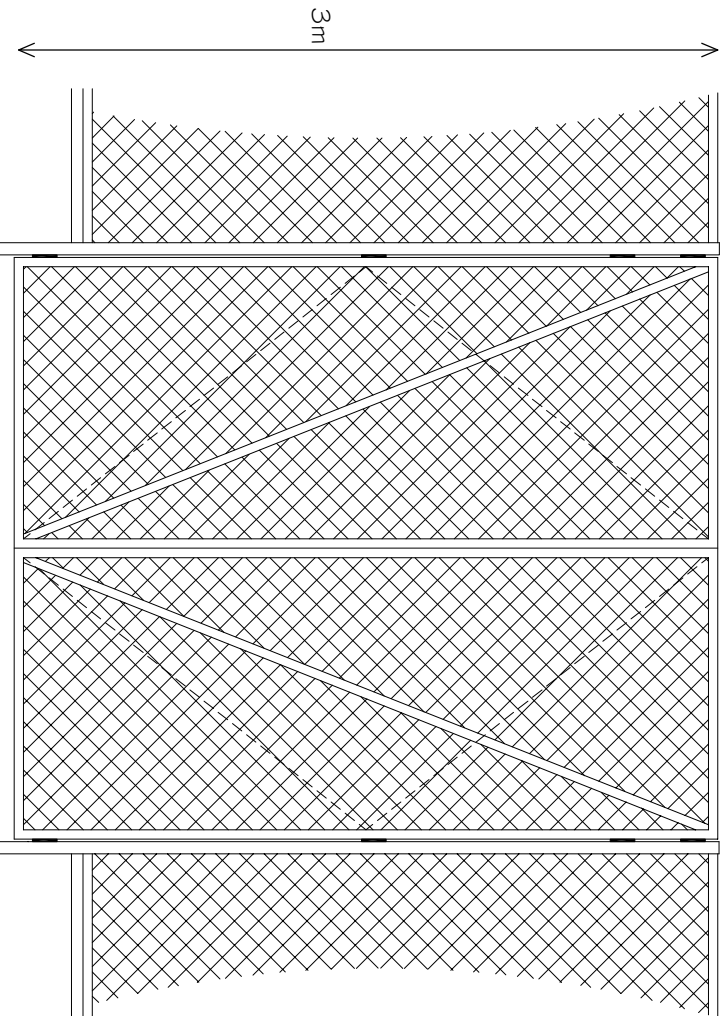
WINDOW W1



Notes:
Aluminum Window #
Window frame
Clear glass panel

WINDOW W2

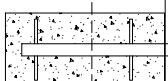
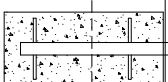
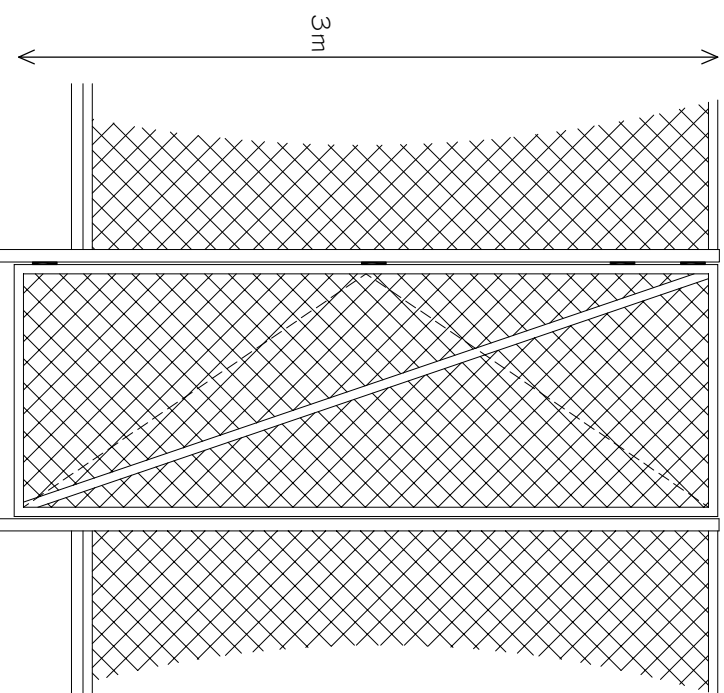
2400



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

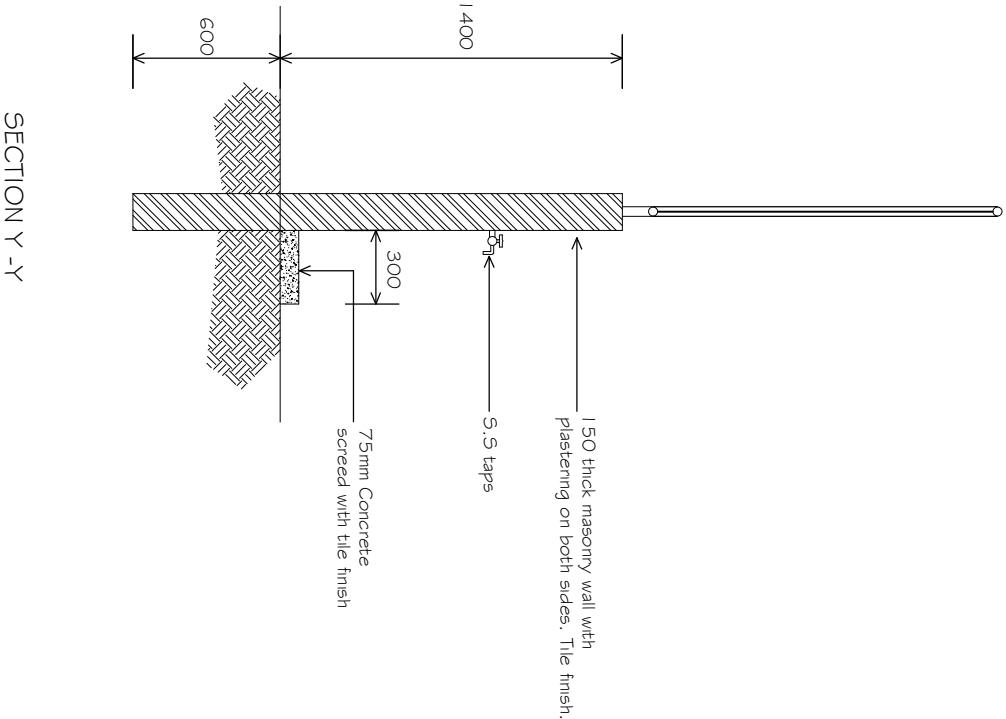
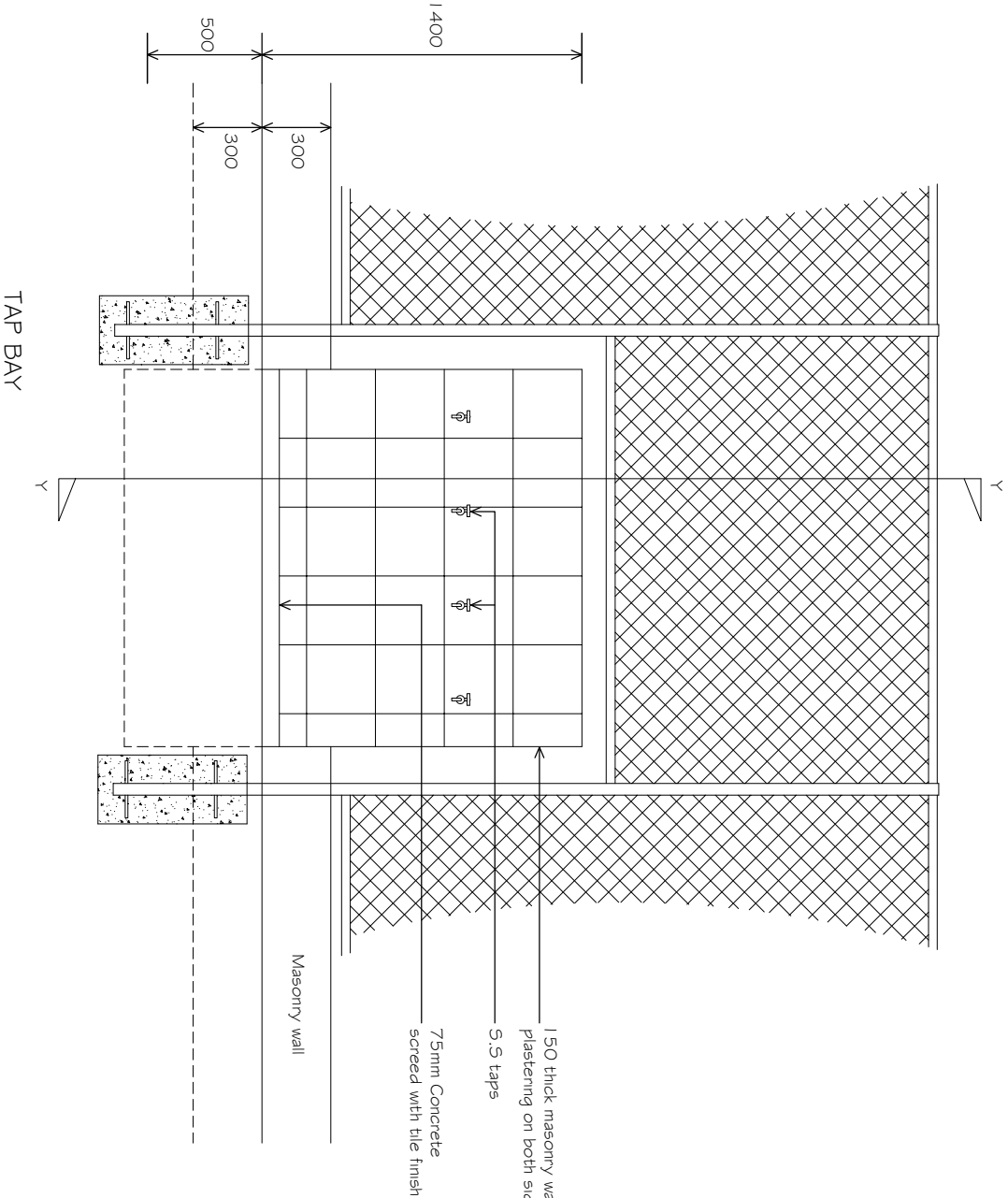
DOOR G1

1050

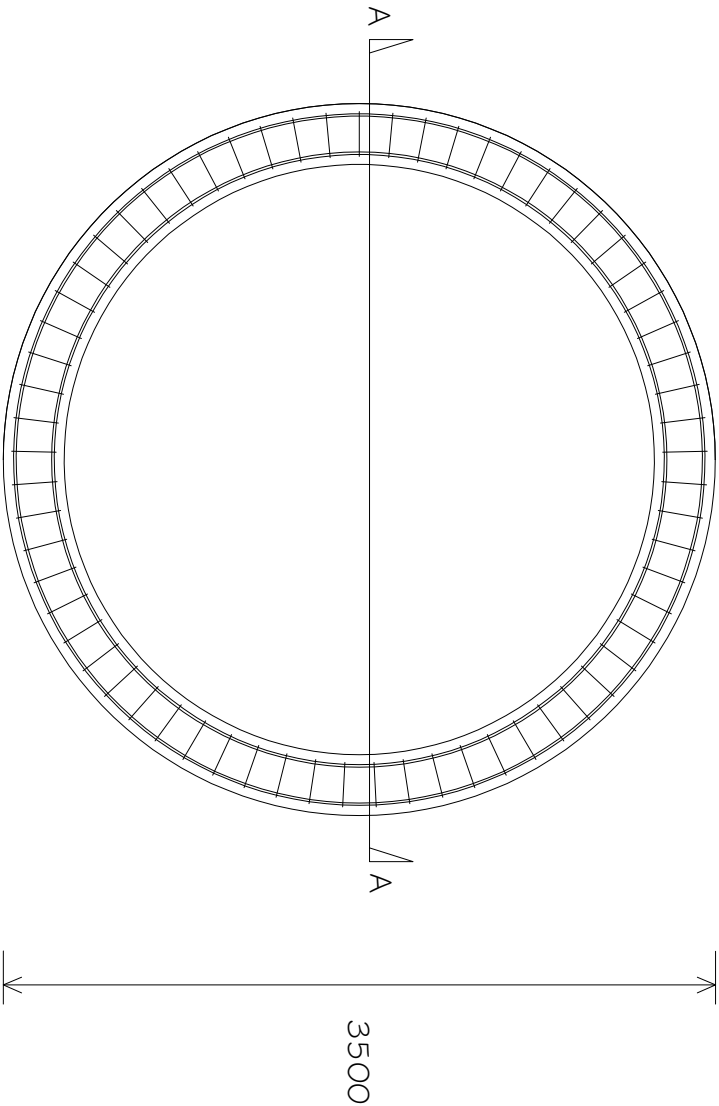


Notes:
Door made from 38mmØ G.I Pipe
Door covered with PVC coated wire mesh
Hinges and locking mechanism to be provided

DOOR G2



3500



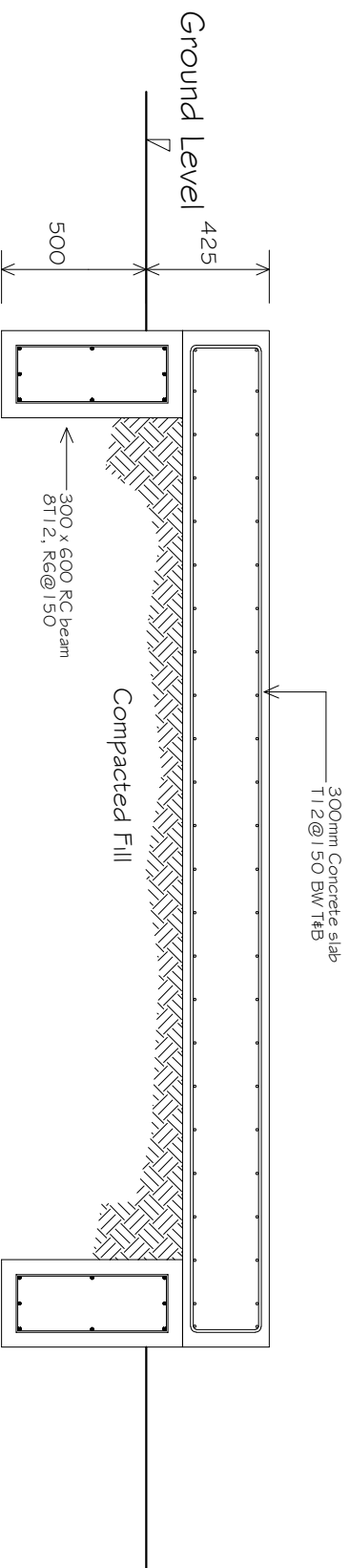
STORAGE TANK FOUNDATION
PLAN

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

PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

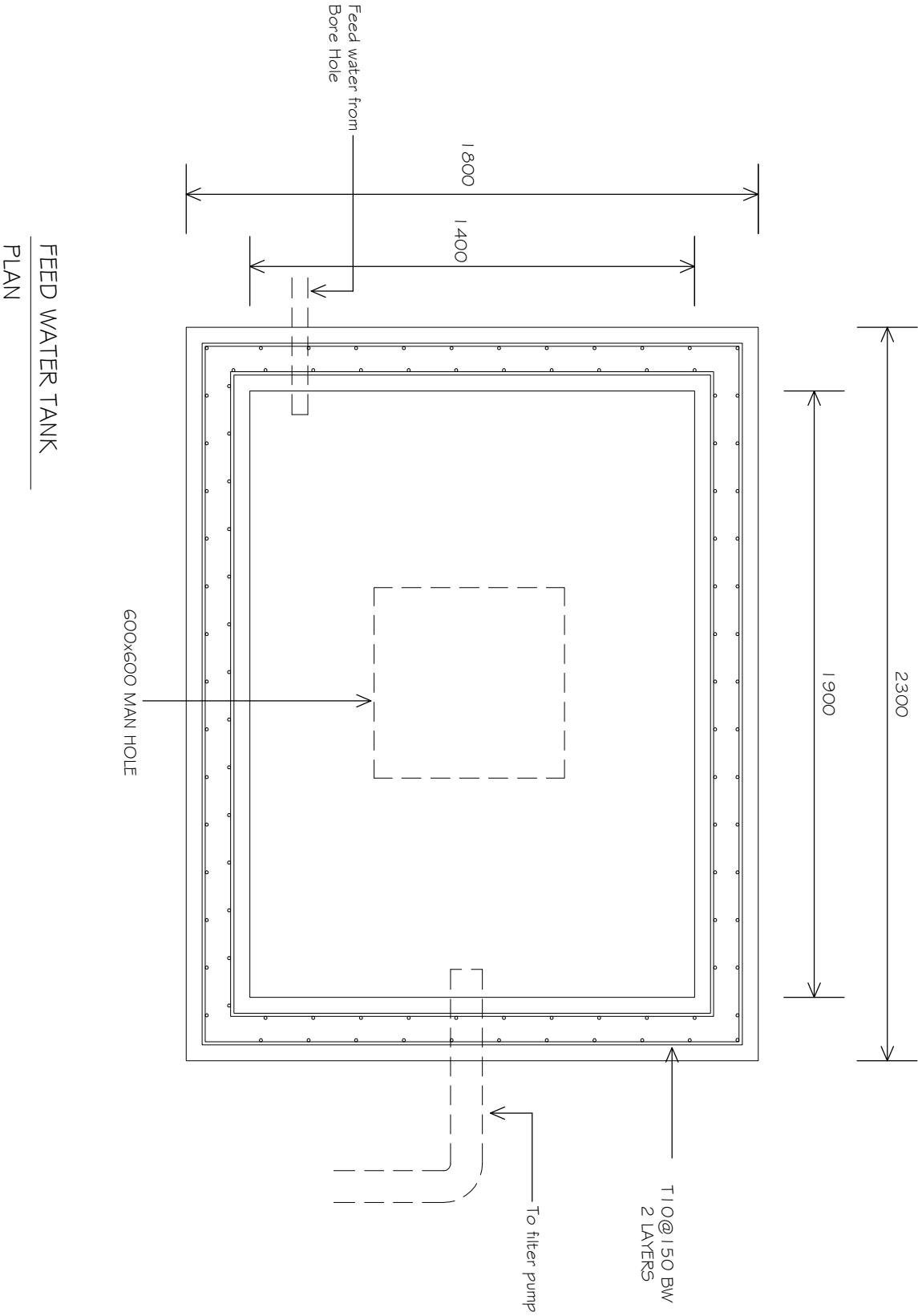
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DATE: NOV 2017

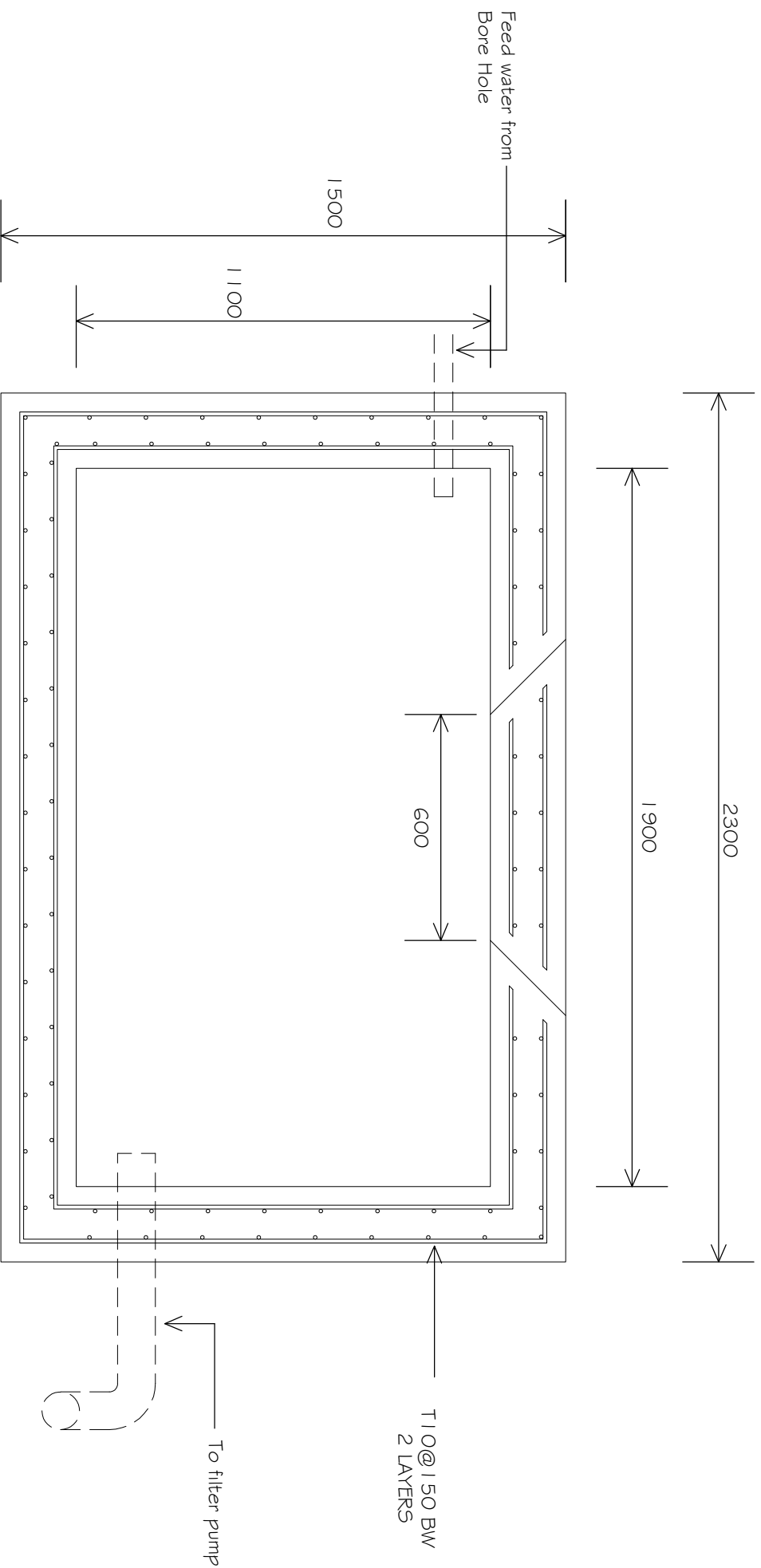




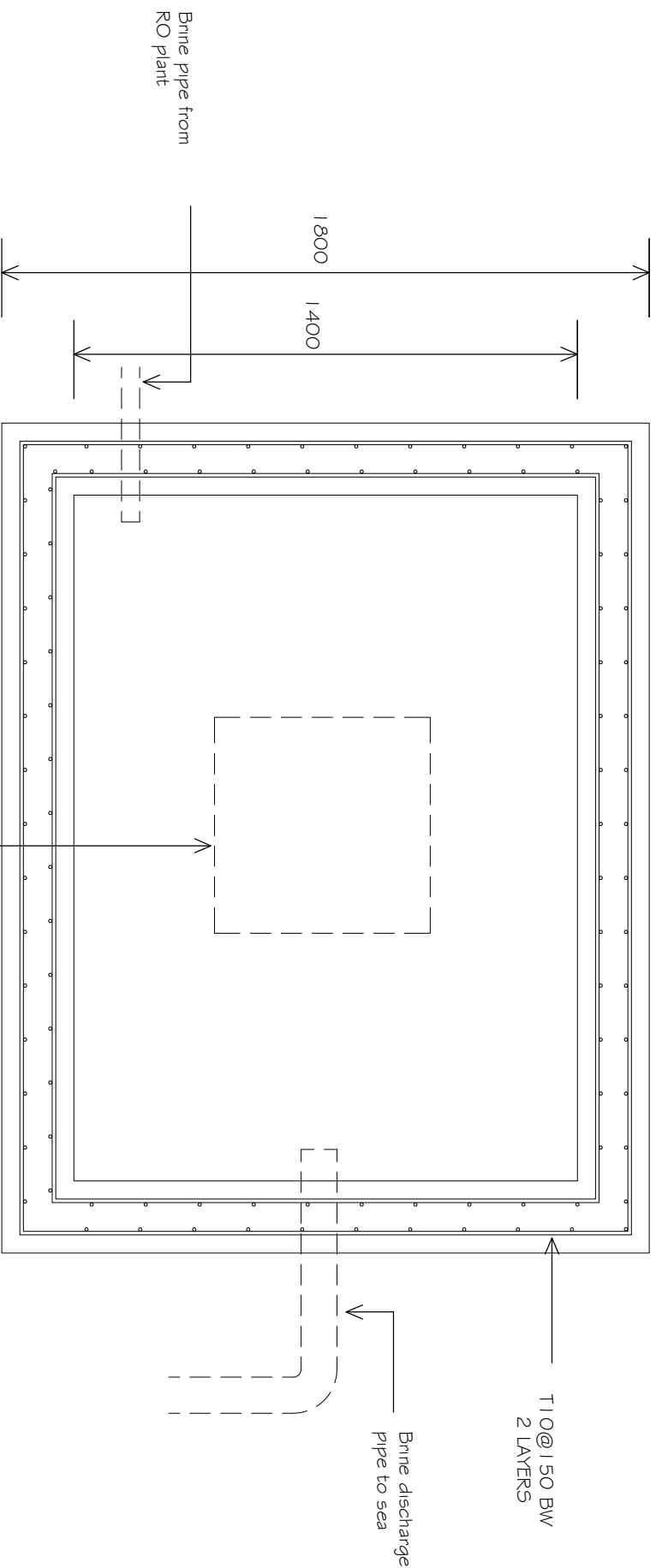
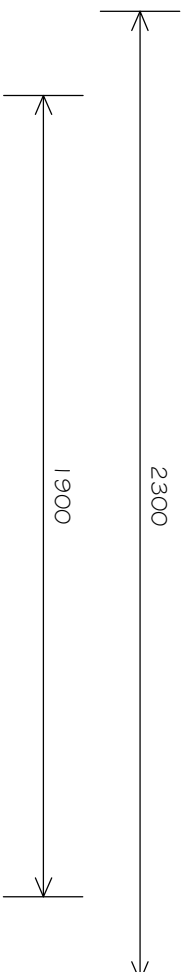
STORAGE TANK FOUNDATION
SECTION A-A

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT		PROJECT: I 4 ISLAND WATER SUPPLY PROJECT	SCALE: AS SHOWN		<div><div><div><div>SOIL WATER MANAGEMENT COMPONENT</div><div>WASTE MANAGEMENT AND ENERGY</div><div>REPUBLIC OF MALDIVES</div></div></div></div>
OPEC FUND FOR INTERNATIONAL DEVELOPMENT			DATE: NOV 2017		

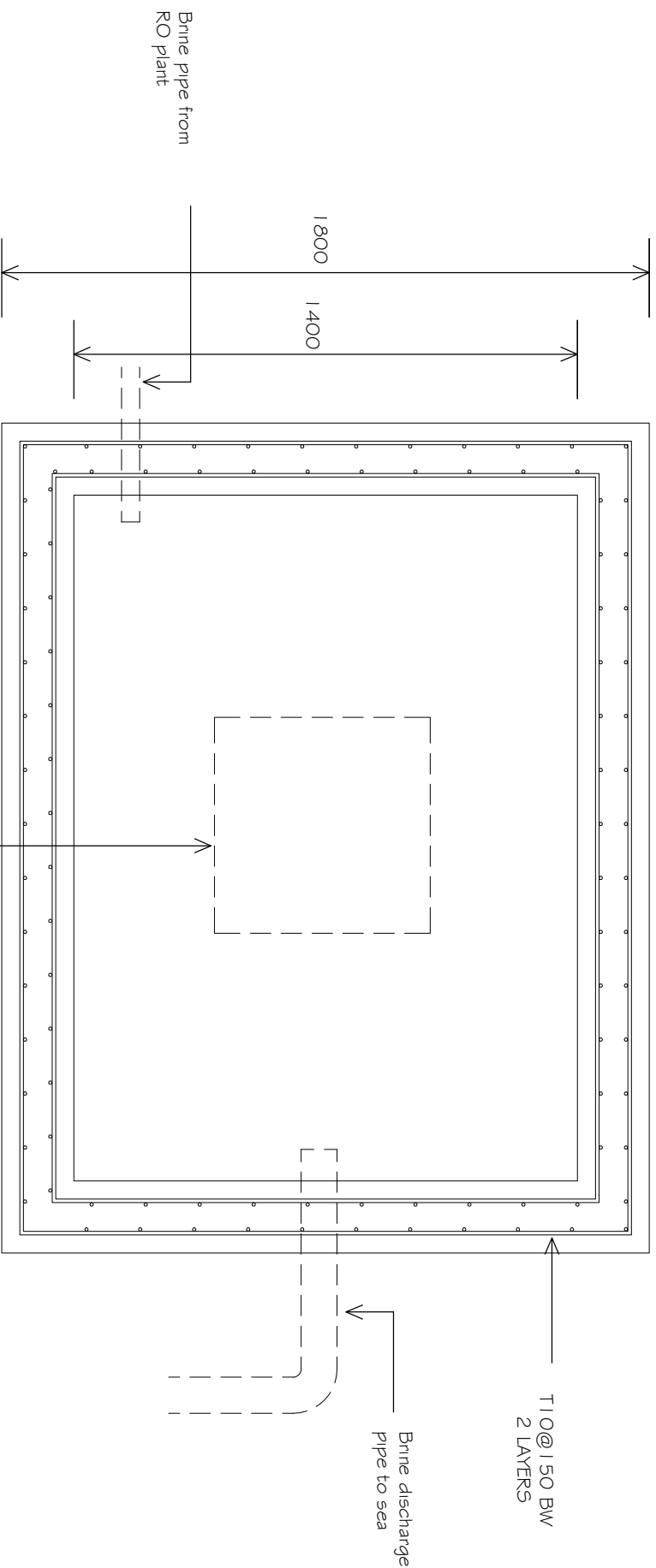
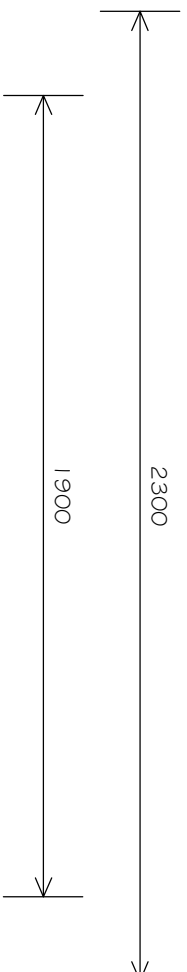




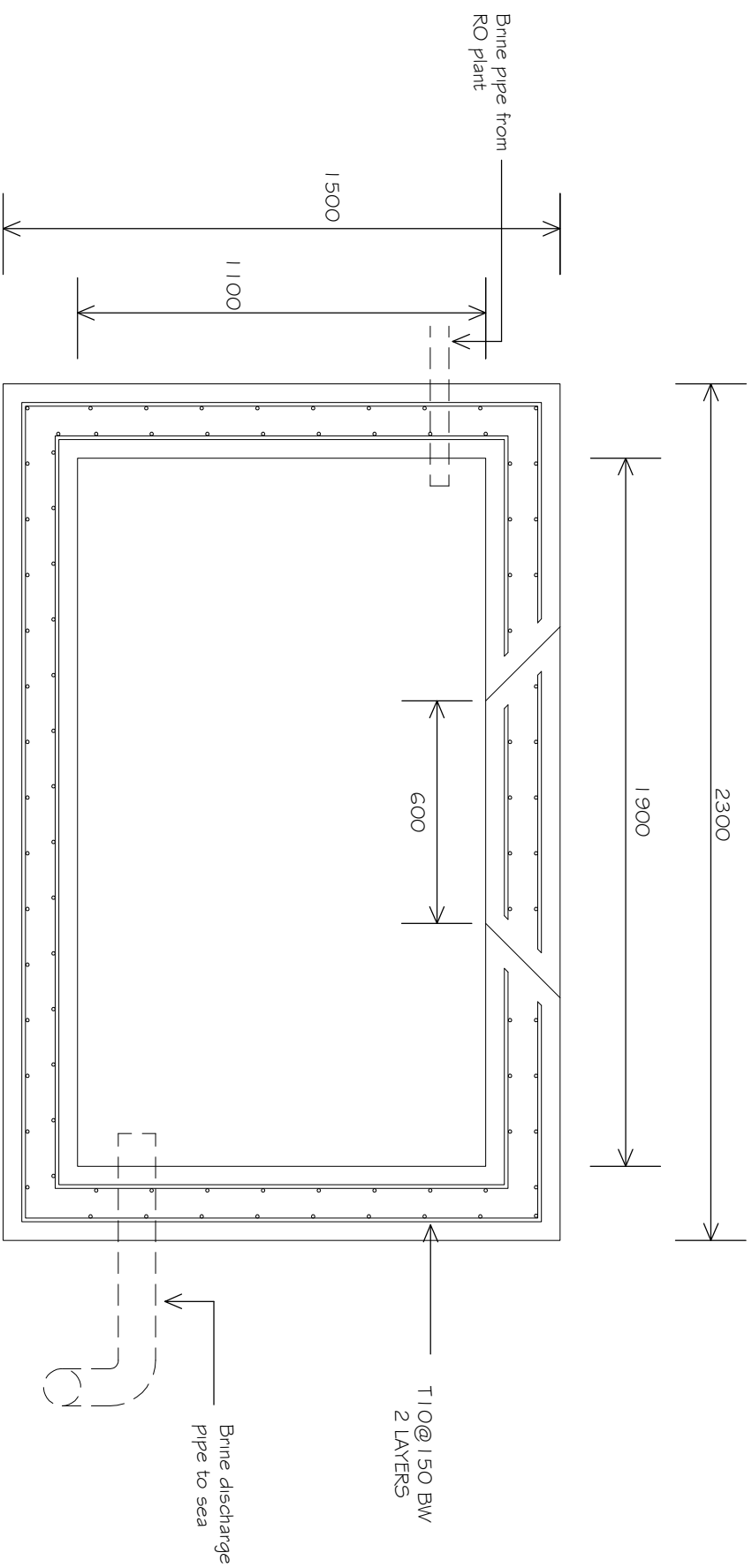
FEED WATER TANK SECTION



REJECT WATER TANK
PLAN

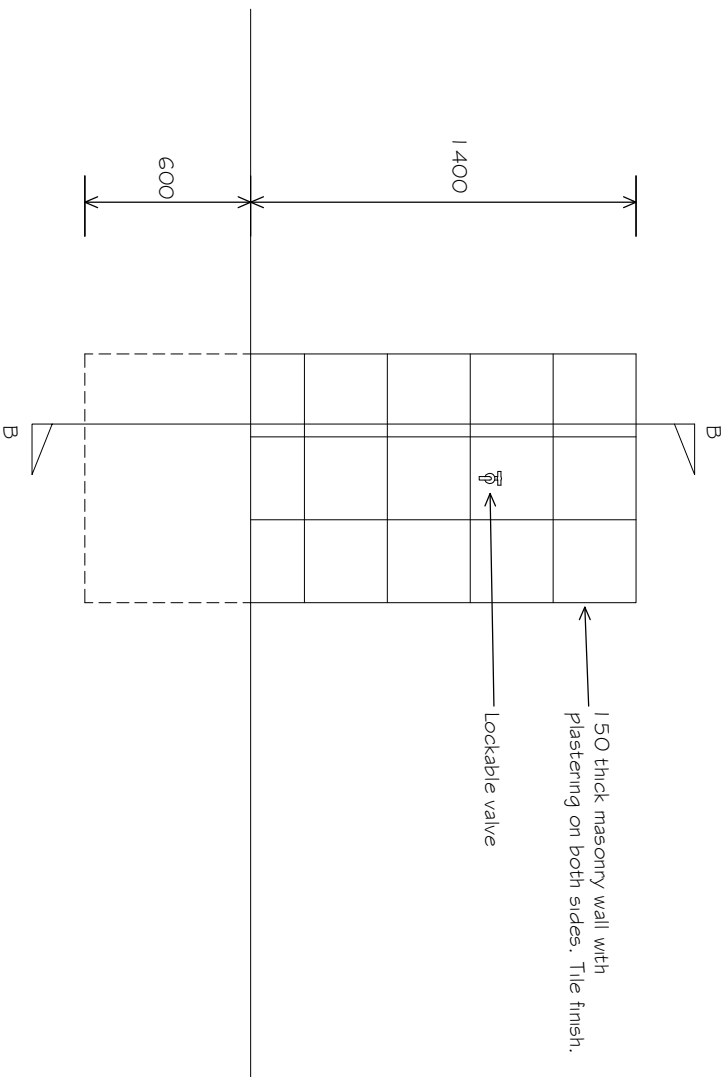


REJECT WATER TANK
PLAN

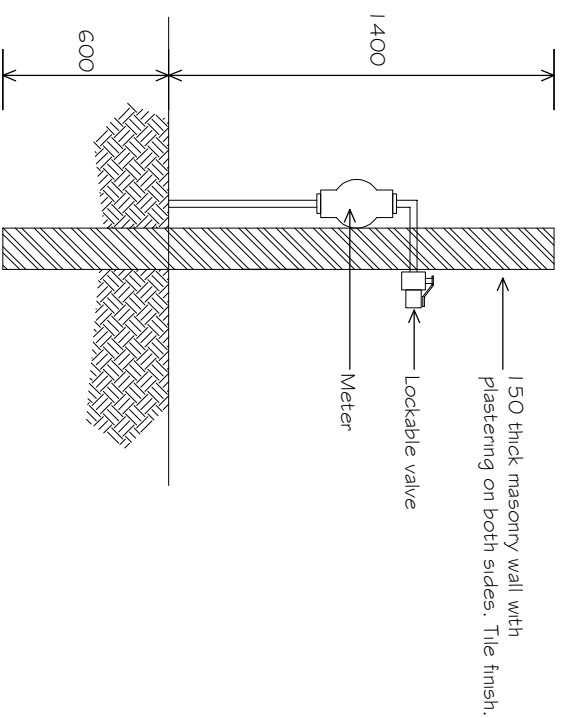


RECT WATER TANK
SECTION

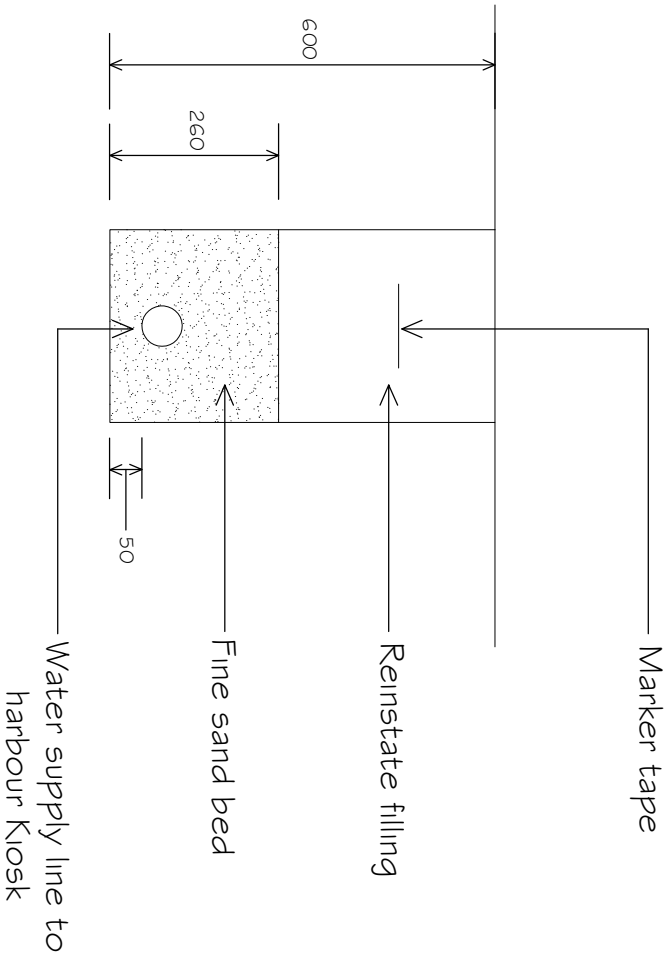




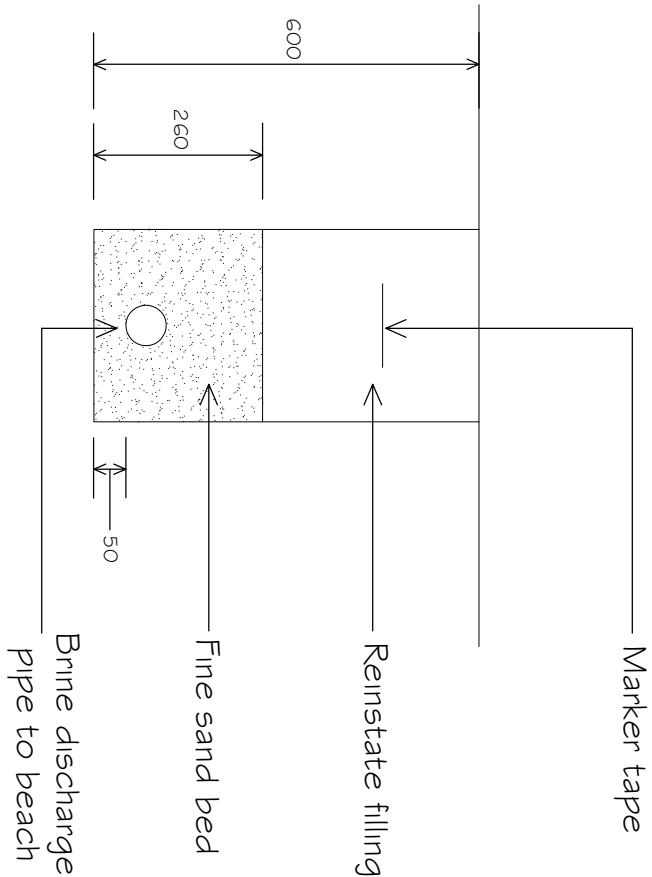
HARBOUR KIOSK



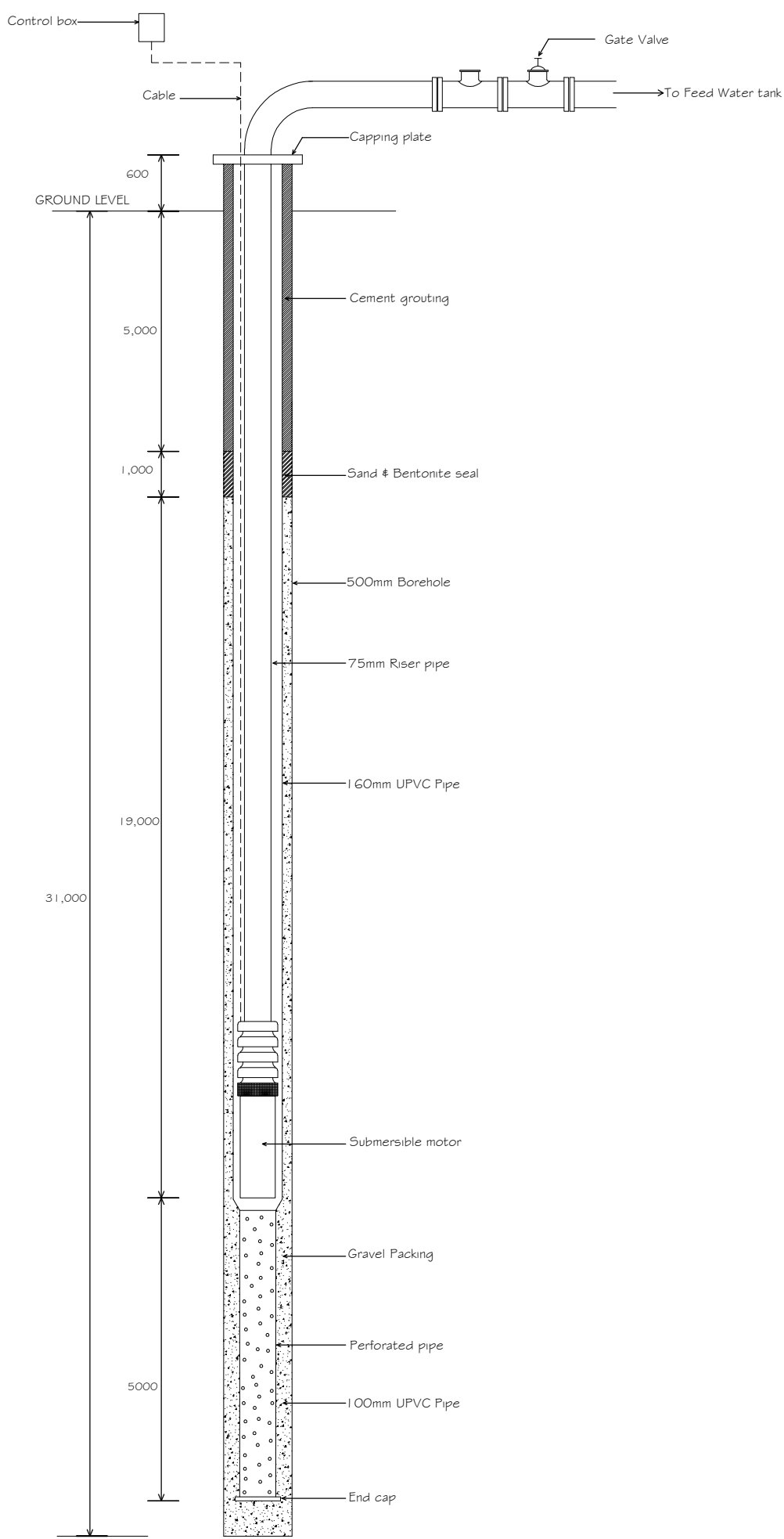
HARBOUR KIOSK
SECTION B - B



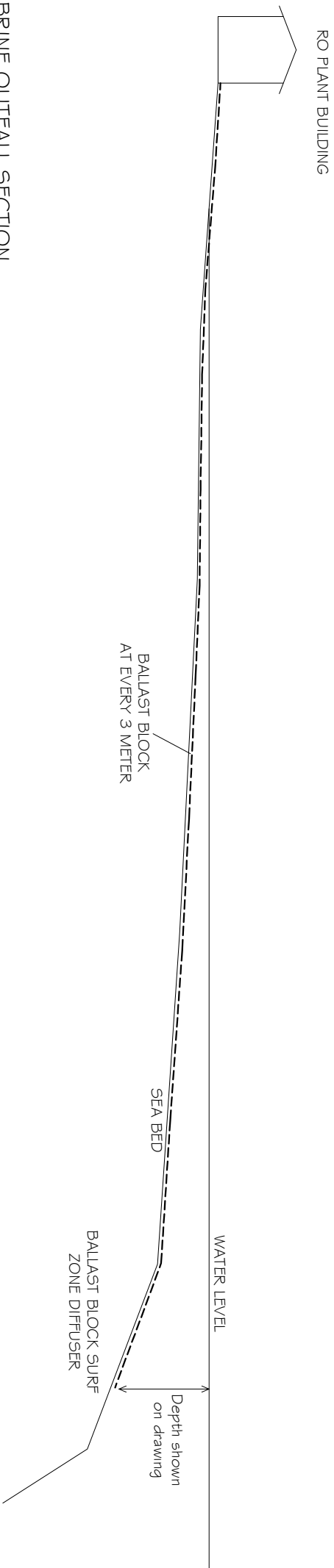
PIPE TRENCH DETAIL FOR HARBOUR KIOSK



PIPE TRENCH DETAIL FOR BRINE DISCHARGE PIPE

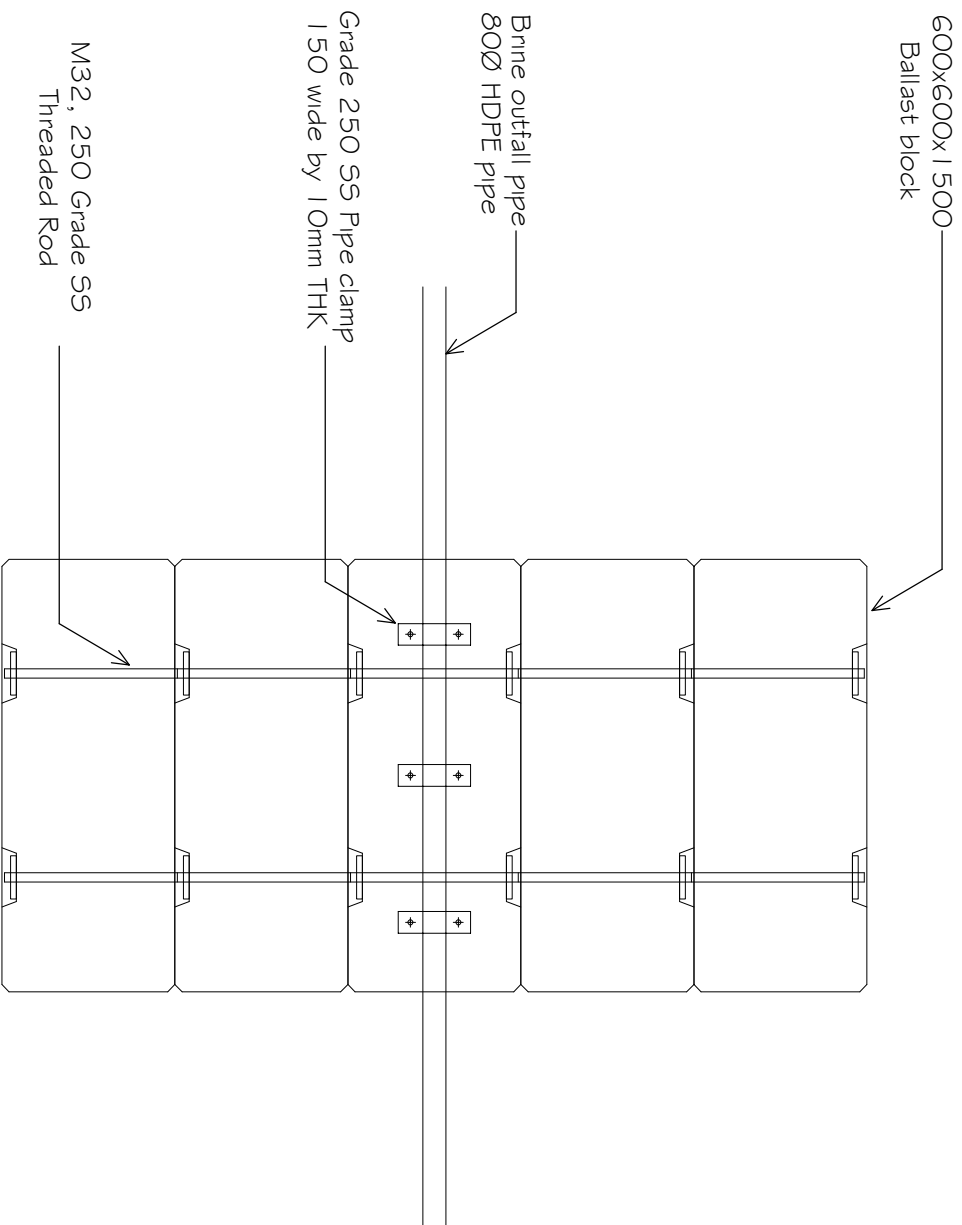


BORE WELL DETAIL



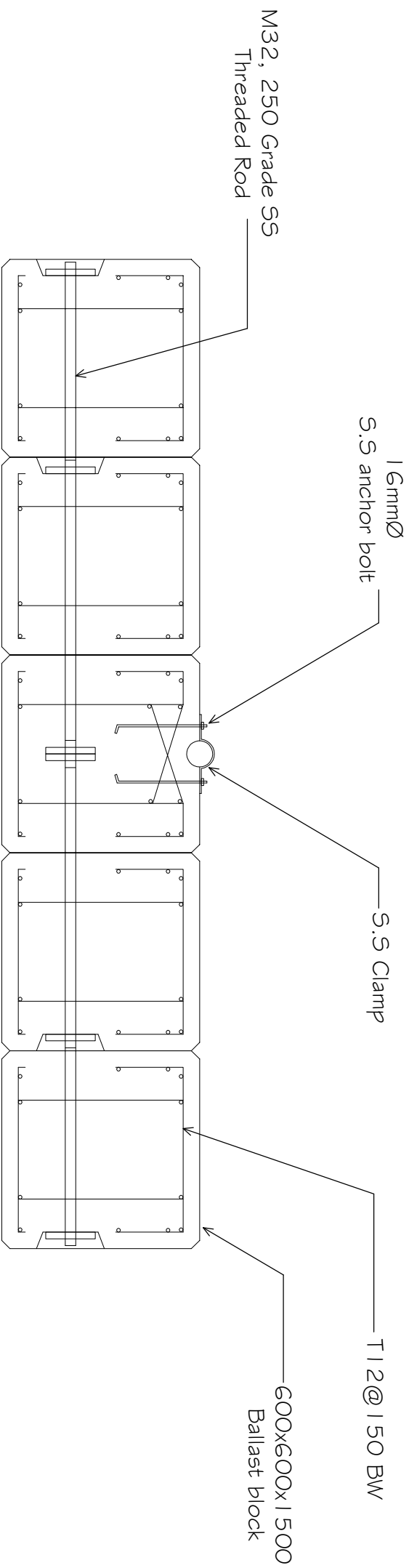
BRINE OUTFALL SECTION

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT		PROJECT: I 4 ISLAND WATER SUPPLY PROJECT	SCALE: AS SHOWN	
OPEC FUND FOR INTERNATIONAL DEVELOPMENT			DATE: NOV 2017	
<div><div><div><div>STATE OF KUWAIT</div><div>SOLID WASTE MANAGEMENT COMPONENT</div><div>MINISTRY OF PLANNING AND ECONOMIC DEVELOPMENT</div><div>STATE OF KUWAIT</div></div></div><div><div>PROJECT: I 4 ISLAND WATER SUPPLY PROJECT</div><div>DATE: NOV 2017</div></div></div>				

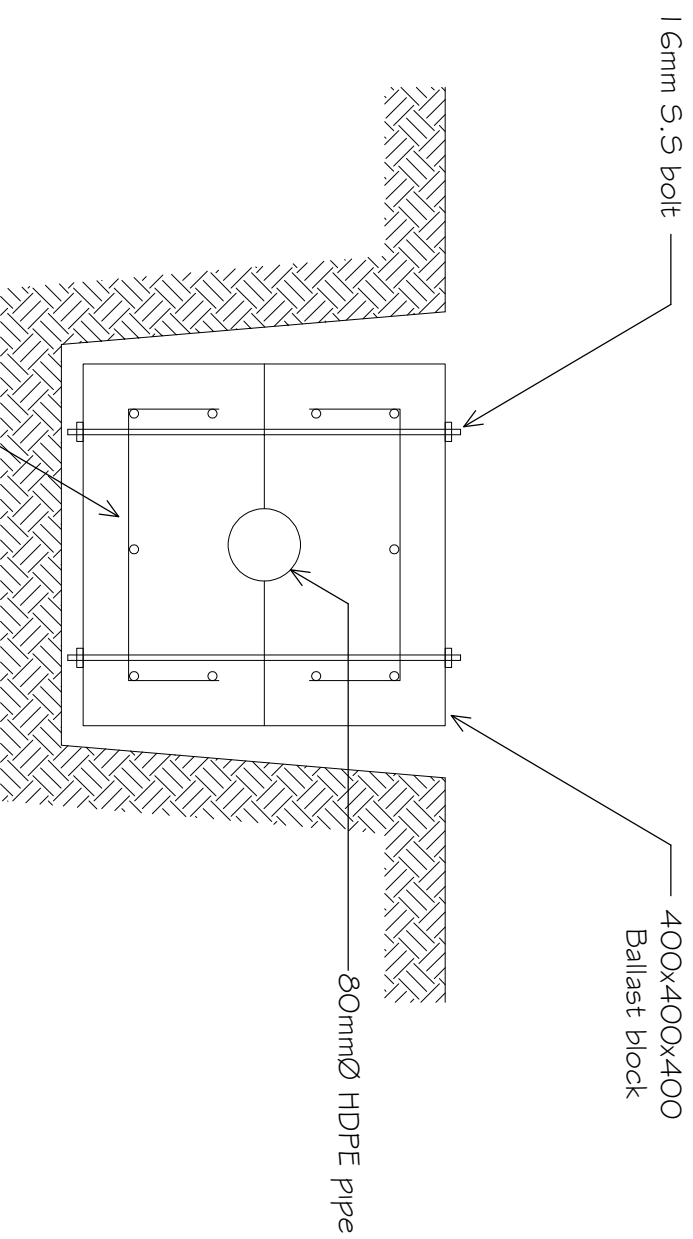


BALLAST BLOCK - PLAN
SURF ZONE DIFFUSER



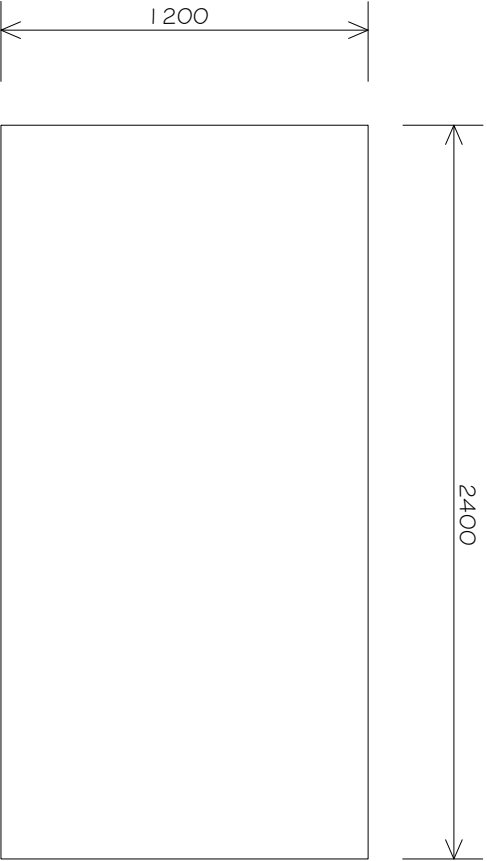


BALLAST BLOCK - SECTION
SURF ZONE DIFFUSER

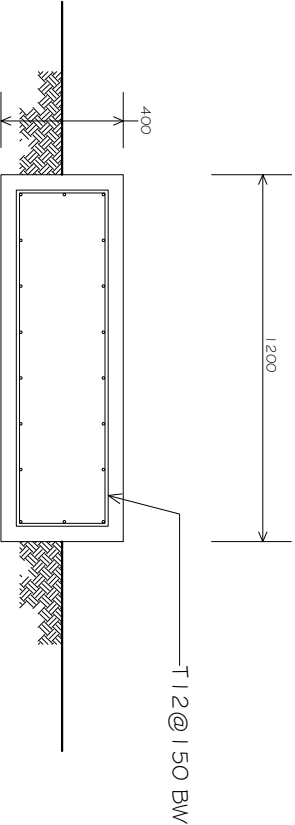


BALLAST BLOCK
NEARSHORE





BACKWASH TANK FOUNDATION
PLAN



BACKWASH TANK FOUNDATION
SECTION