

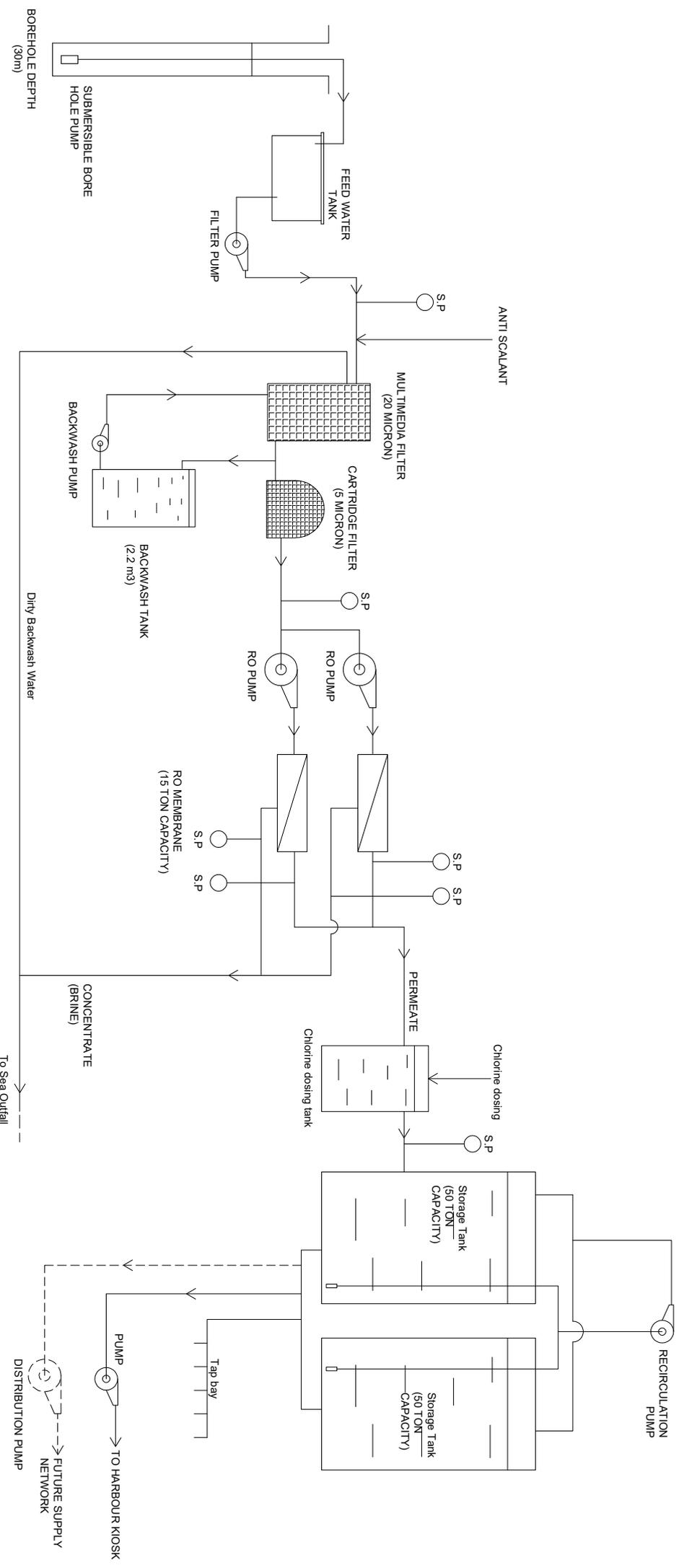
PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

RO PLANT BUILDING AND WATER SUPPLY FACILITY DRAWINGS - PACKAGE 2



WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE 20-01
REPUBLIC OF MALDIVES



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

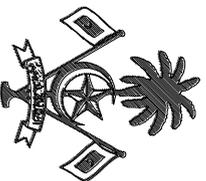
PROJECT:
 14 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
 DATE: APR 2017



PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

R. MAAKURATHU RO PLANT BUILDING AND WATER SUPPLY FACILITY



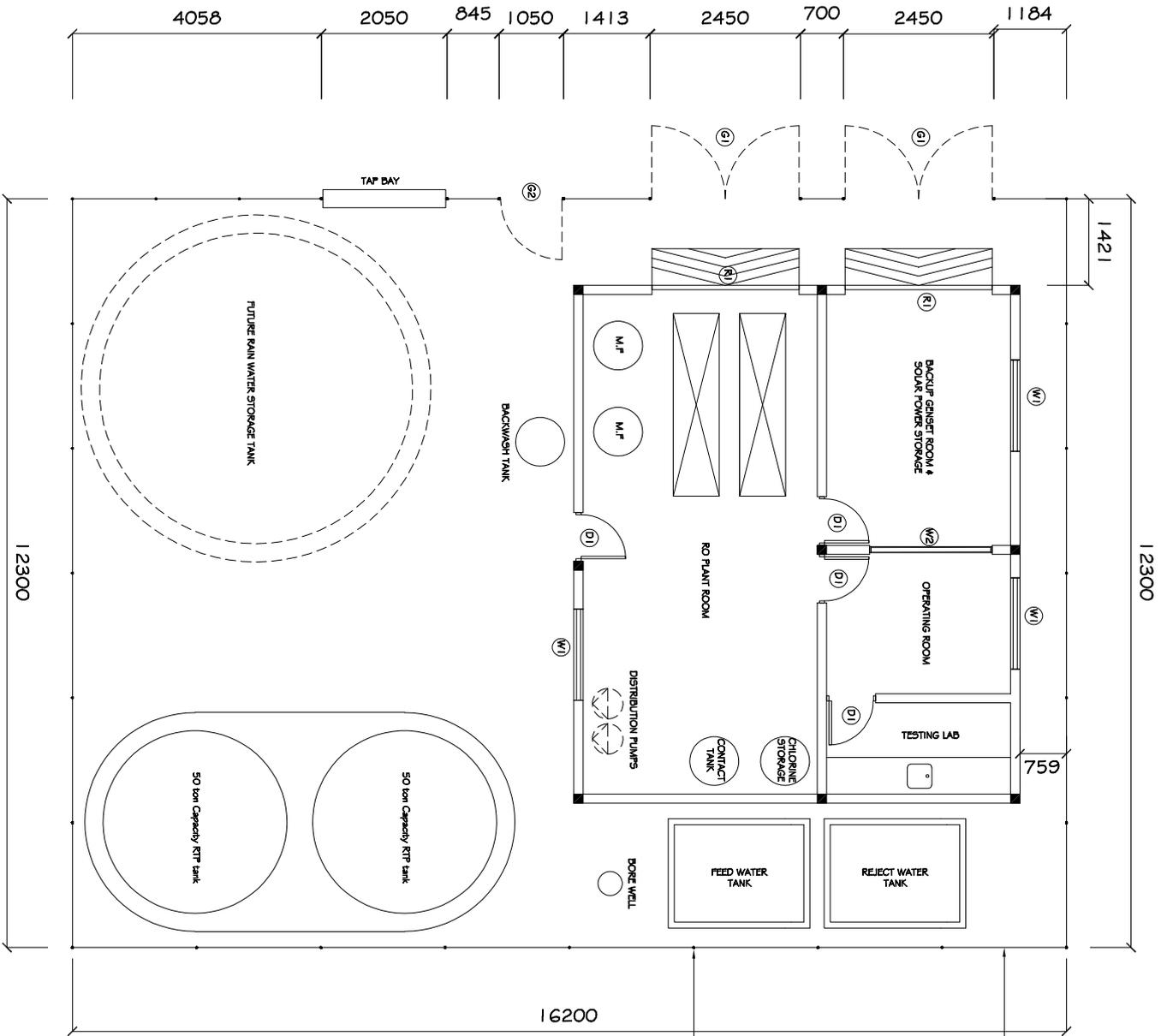
WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY
HANDHIVAREE HINGUN MALE 20-01
REPUBLIC OF MALDIVES

RO PLANT BUILDING AND CRITICAL DEVELOPMENTS

R. MAAKURATHU



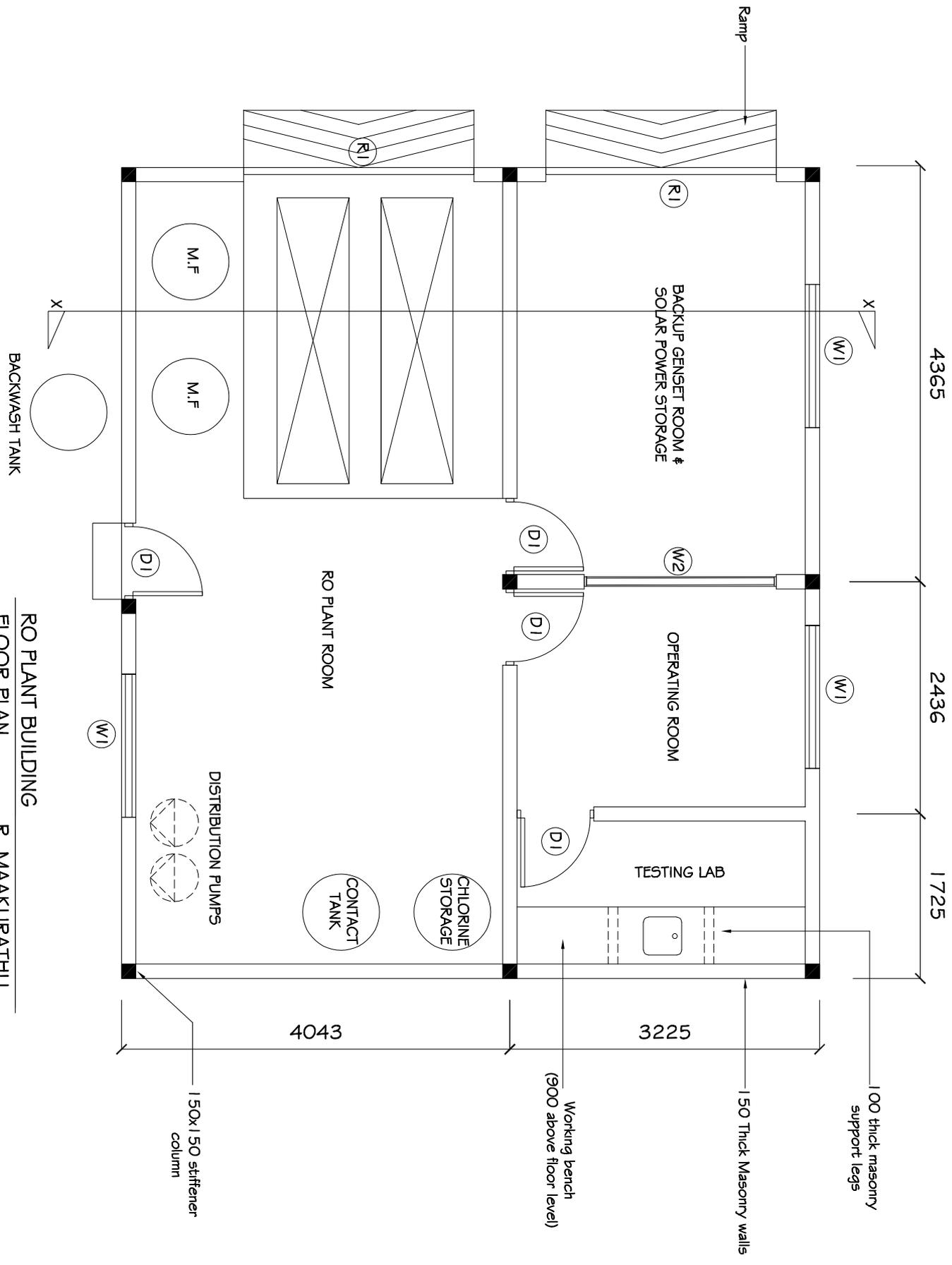
Google



WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING
 RAA MAAKURATHU



RO PLANT BUILDING
 FLOOR PLAN
 R. MAAKURATHU



4365

2436

1725

4043

3225

100 thick masonry support legs

150 Thick Masonry walls

Working bench (900 above floor level)

150x150 stiffener column

BACKUP GENSET ROOM & SOLAR POWER STORAGE

OPERATING ROOM

TESTING LAB

RO PLANT ROOM

DISTRIBUTION PUMPS

CONTACT TANK

CHLORINE STORAGE

M.F.

M.F.

BACKWASH TANK

Ramp

(R1)

(W2)

(W1)

(W1)

(D1)

(D1)

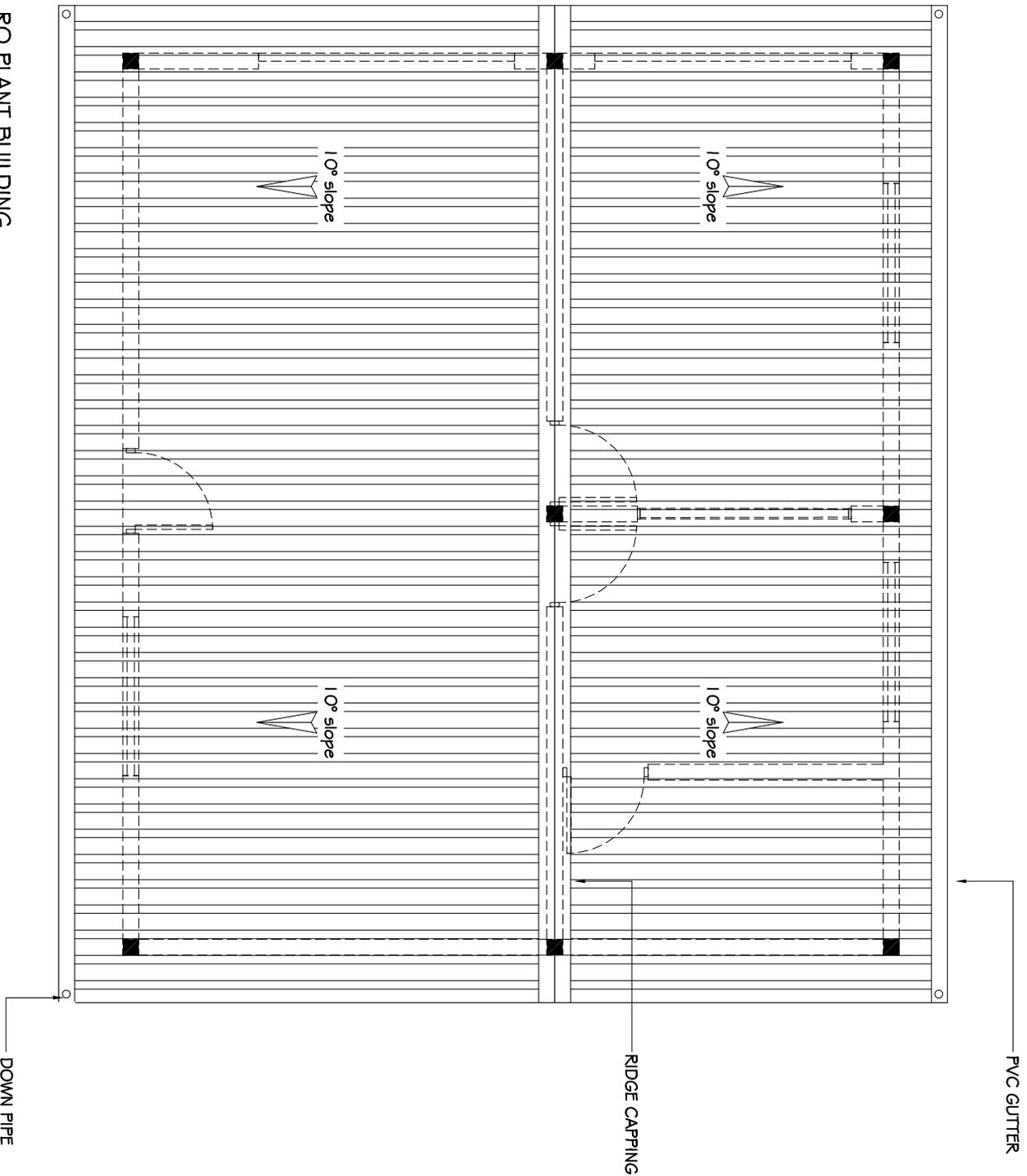
(D1)

(D1)

(W1)

X

X



RO PLANT BUILDING
ROOF PLAN **R. MAAKURATHU**

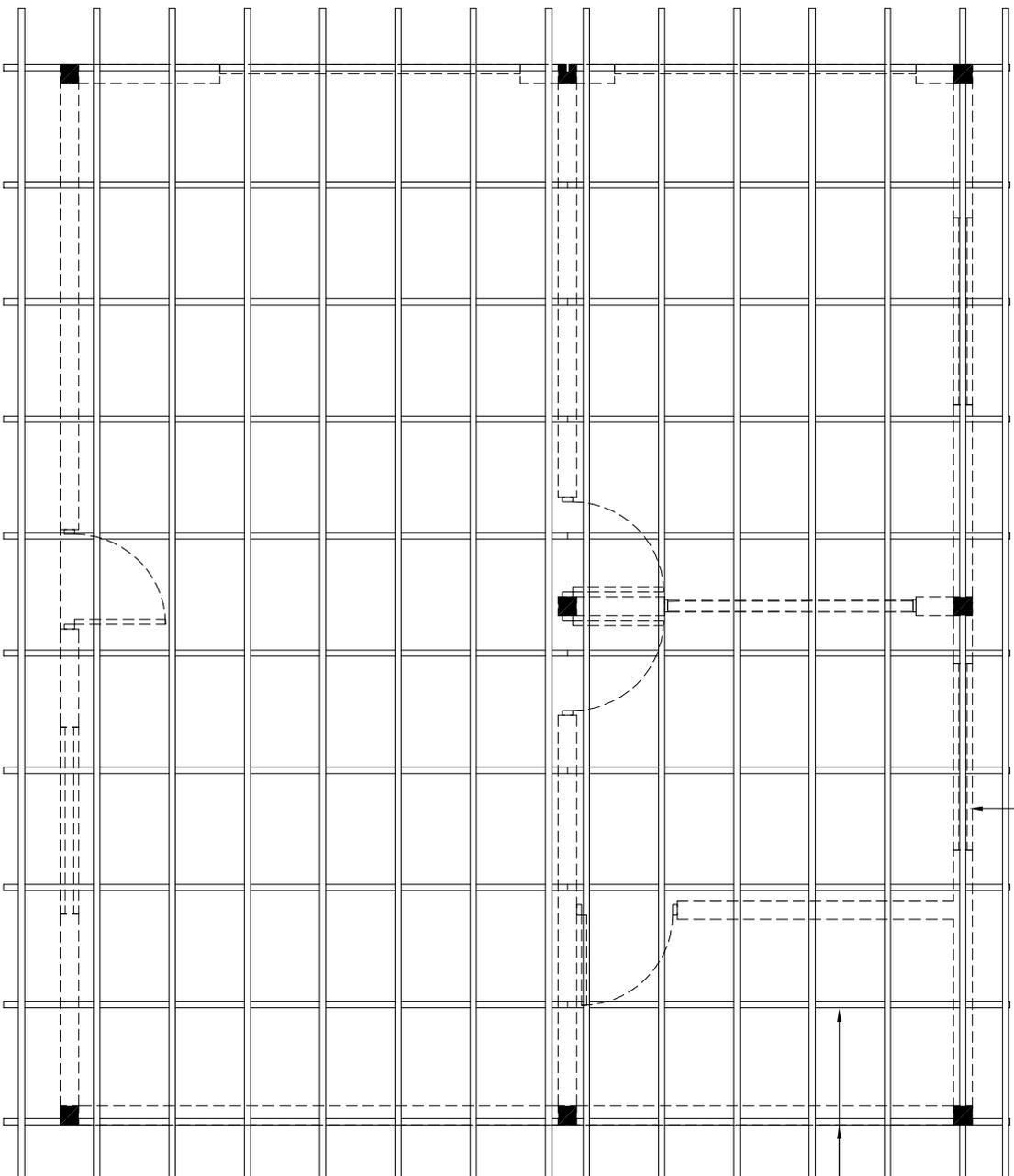
PROVISION OF WATER SUPPLY SANITATION AND SOLID
 WASTE MANAGEMENT PROJECT
 OPEC FUND FOR INTERNATIONAL DEVELOPMENT

PROJECT:
 14 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
 DATE: MAR 2017



50x38 battens
@ 600 c/c



50x150 Rafters
@ 900 c/c

RO PLANT BUILDING
ROOF STRUCTURE R. MAAKURATHU

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

PROJECT:
14 ISLAND WATER SUPPLY PROJECT

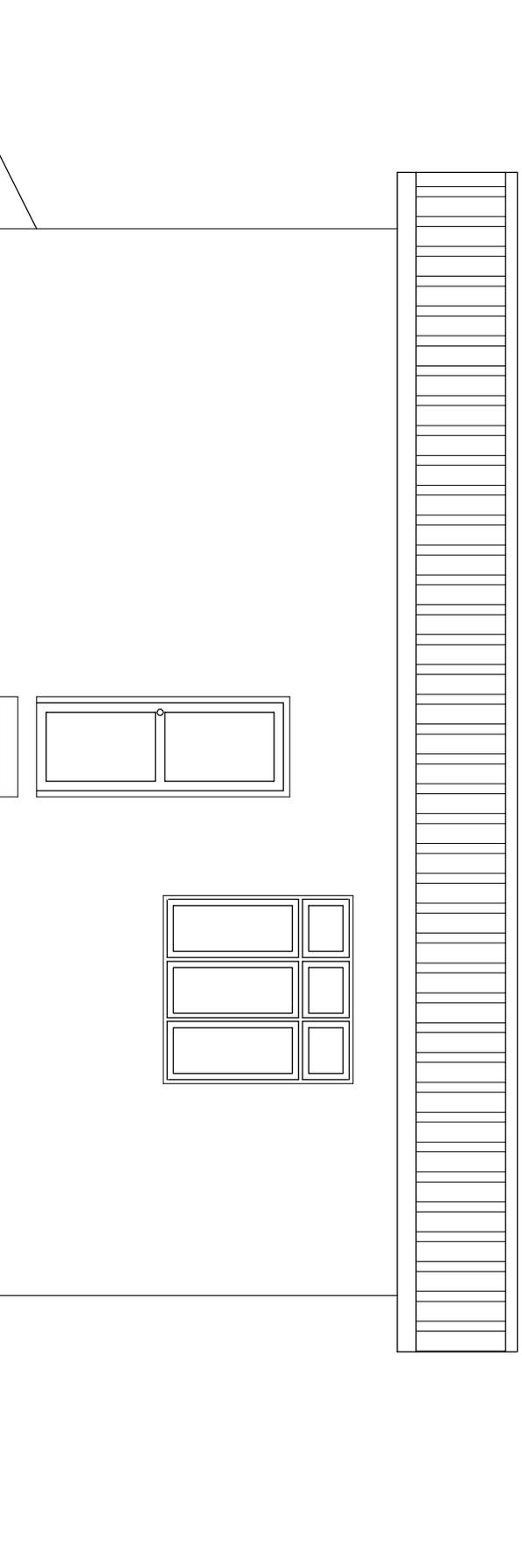
SCALE: AS SHOWN

DATE: MAR 2017



SOLID WASTE MANAGEMENT COMPONENT
MINISTRY OF ENVIRONMENT AND ENERGY
SRI LANKA

RO PLANT BUILDING
FRONT ELEVATION R. MAAKURATHU



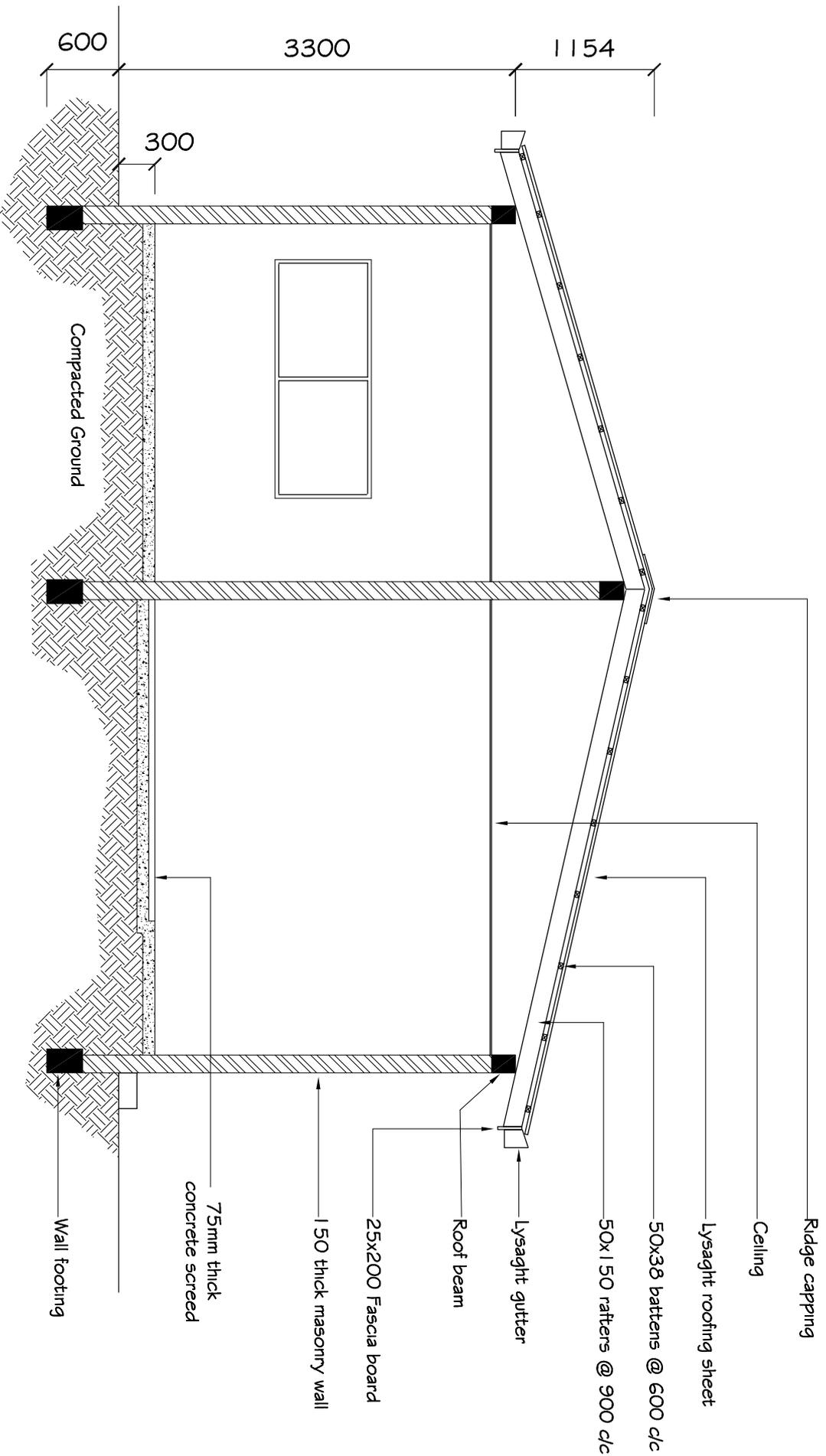
PROVISION OF WATER SUPPLY SANITATION AND SOLID
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14 ISLAND WATER SUPPLY PROJECT

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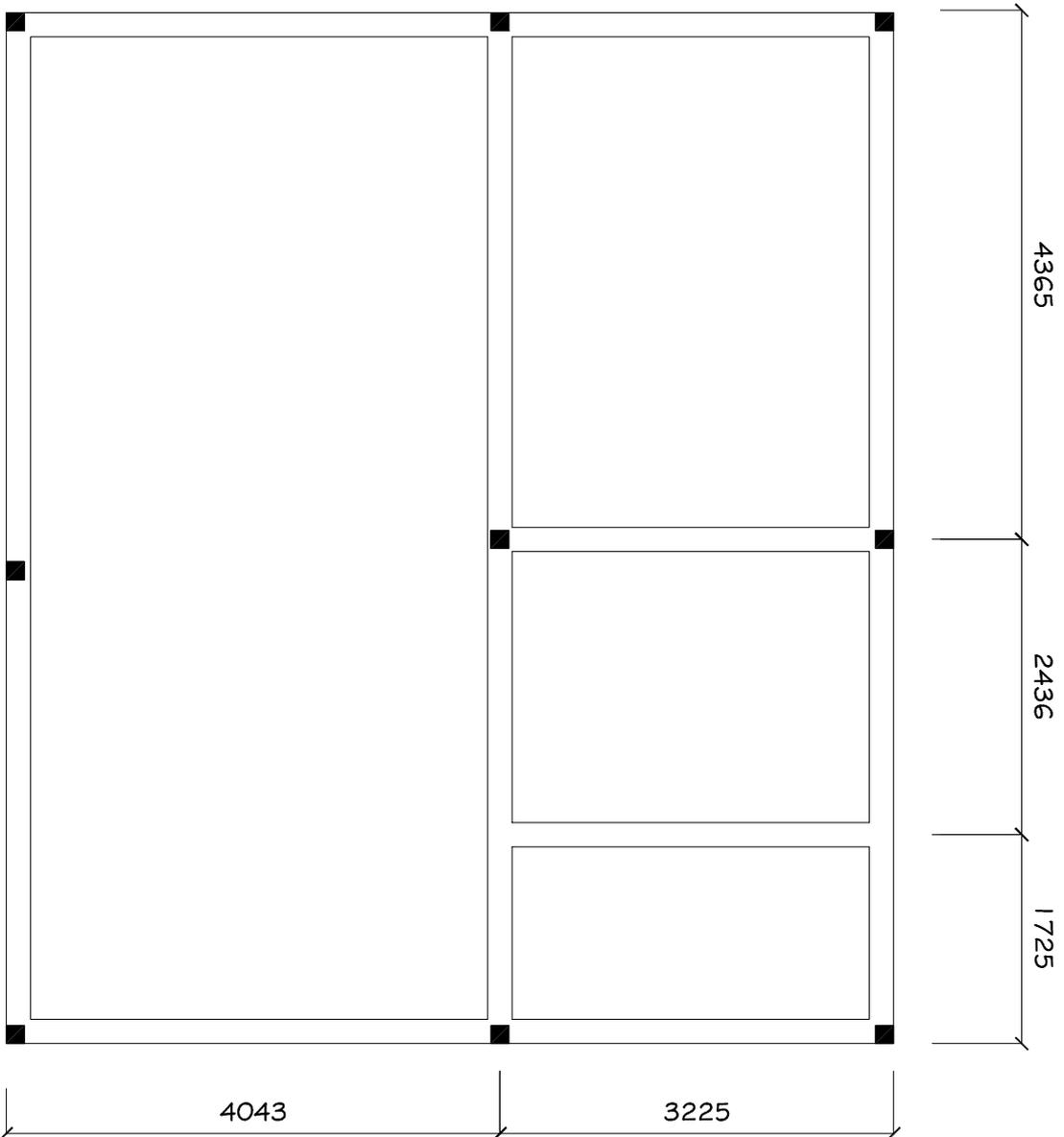
RO PLANT BUILDING
SECTION X-X R. MAAKURATHU

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

PROJECT:
 14 ISLAND WATER SUPPLY PROJECT

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 DATE: MAR 2017





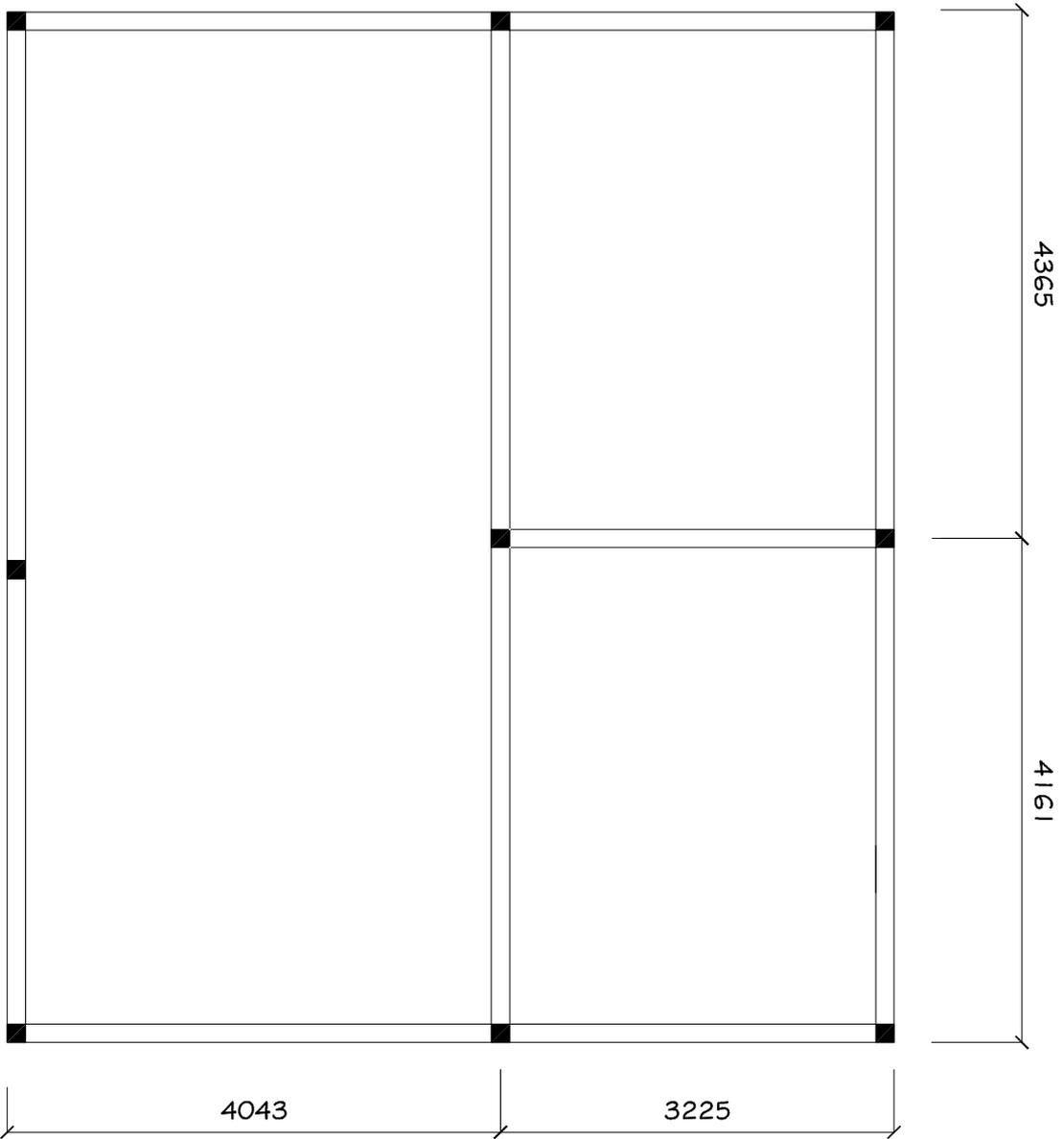
RO PLANT BUILDING
WALL FOOTING PLAN R. MAAKURATHU

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

PROJECT:
 14 ISLAND WATER SUPPLY PROJECT

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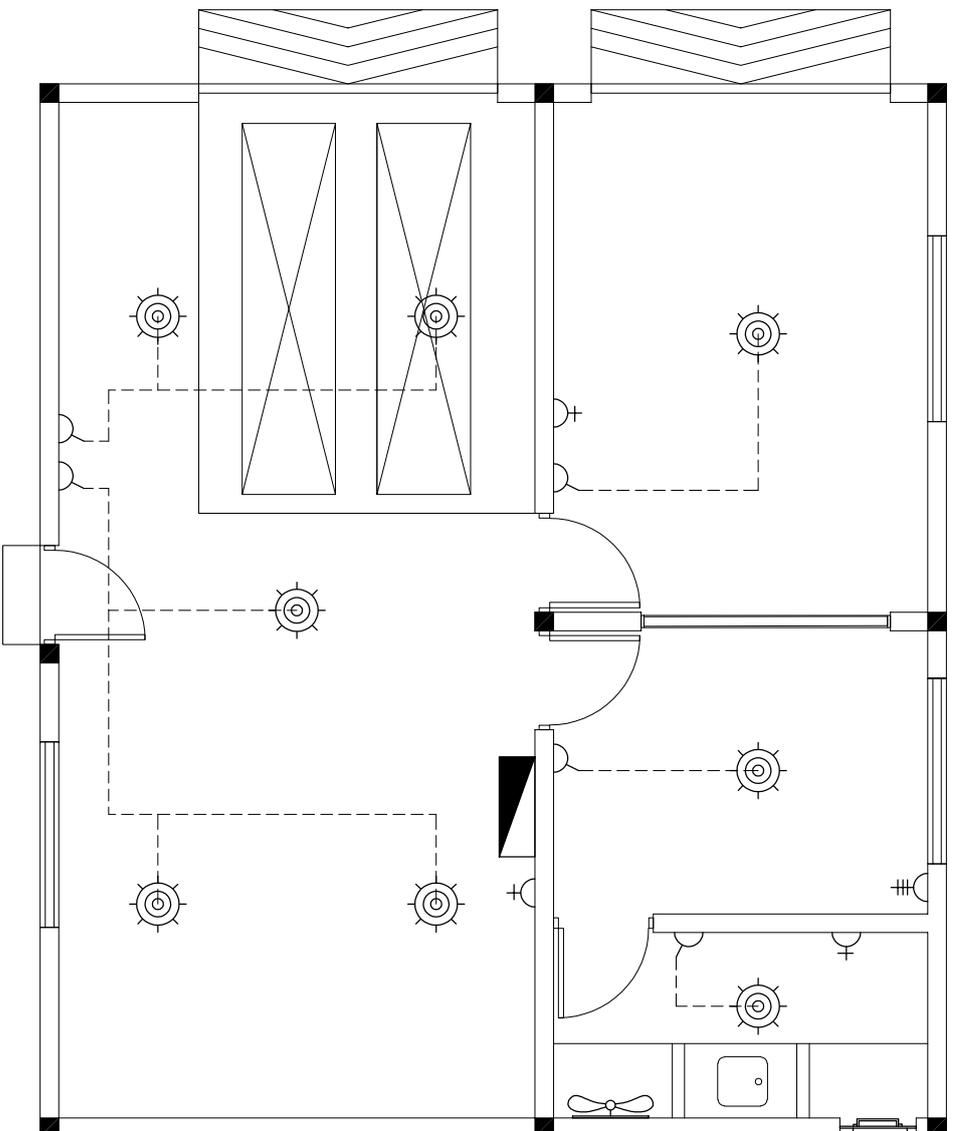
RO PLANT BUILDING
ROOF BEAM PLAN R. MAAKURATHU

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





-  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

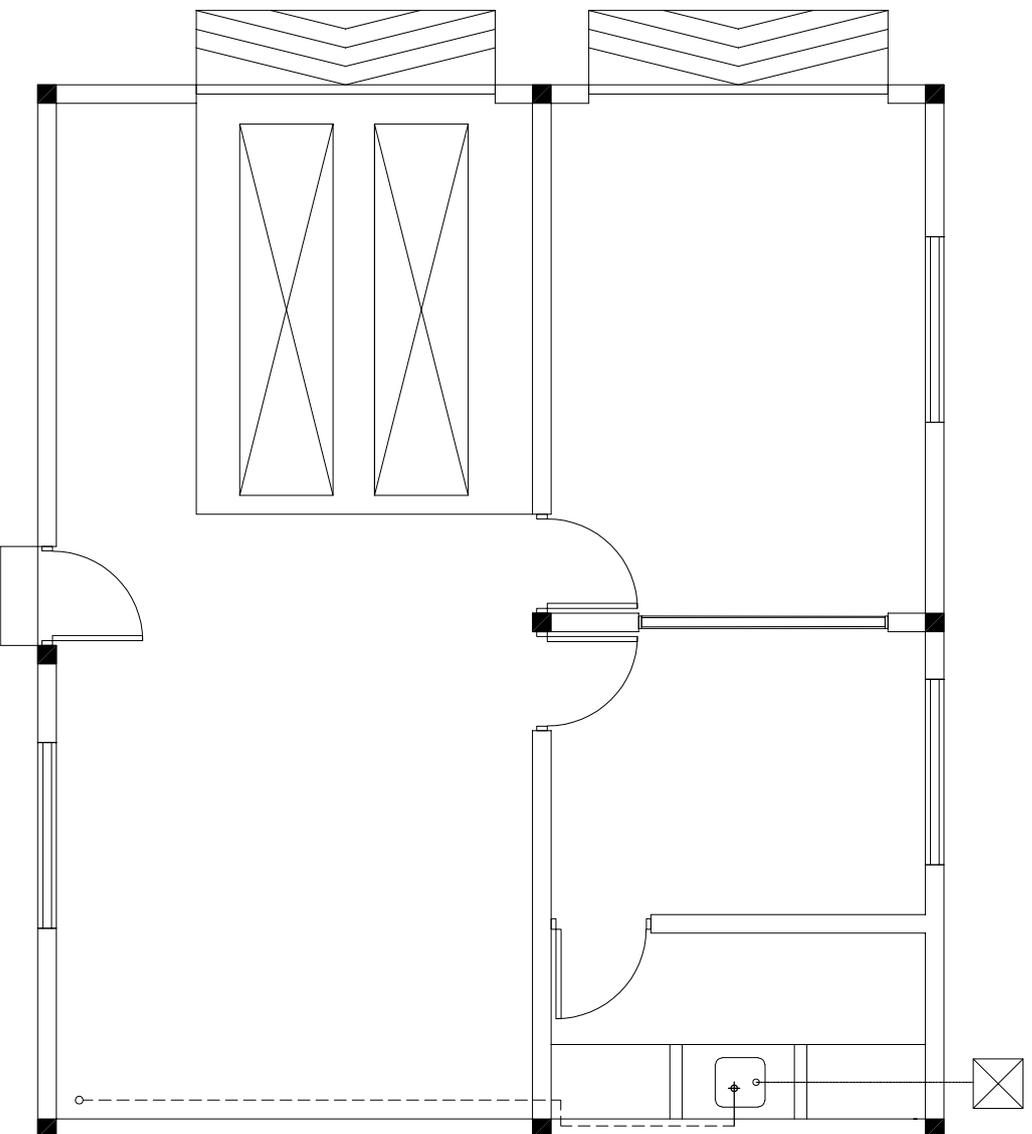
RO PLANT BUILDING
ELECTRICAL LAYOUT R. MAAKURATHU

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





⊕ — PVC Sink Tap

☒ — Soak pit

--- 25mm PVC Pipe

— 50mm PVC Train Pipe

RO PLANT BUILDING
PLUMBING LAYOUT R. MAAKURATHU

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: MAR 2017



PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

N. MAAFARU RO PLANT BUILDING AND WATER SUPPLY FACILITY



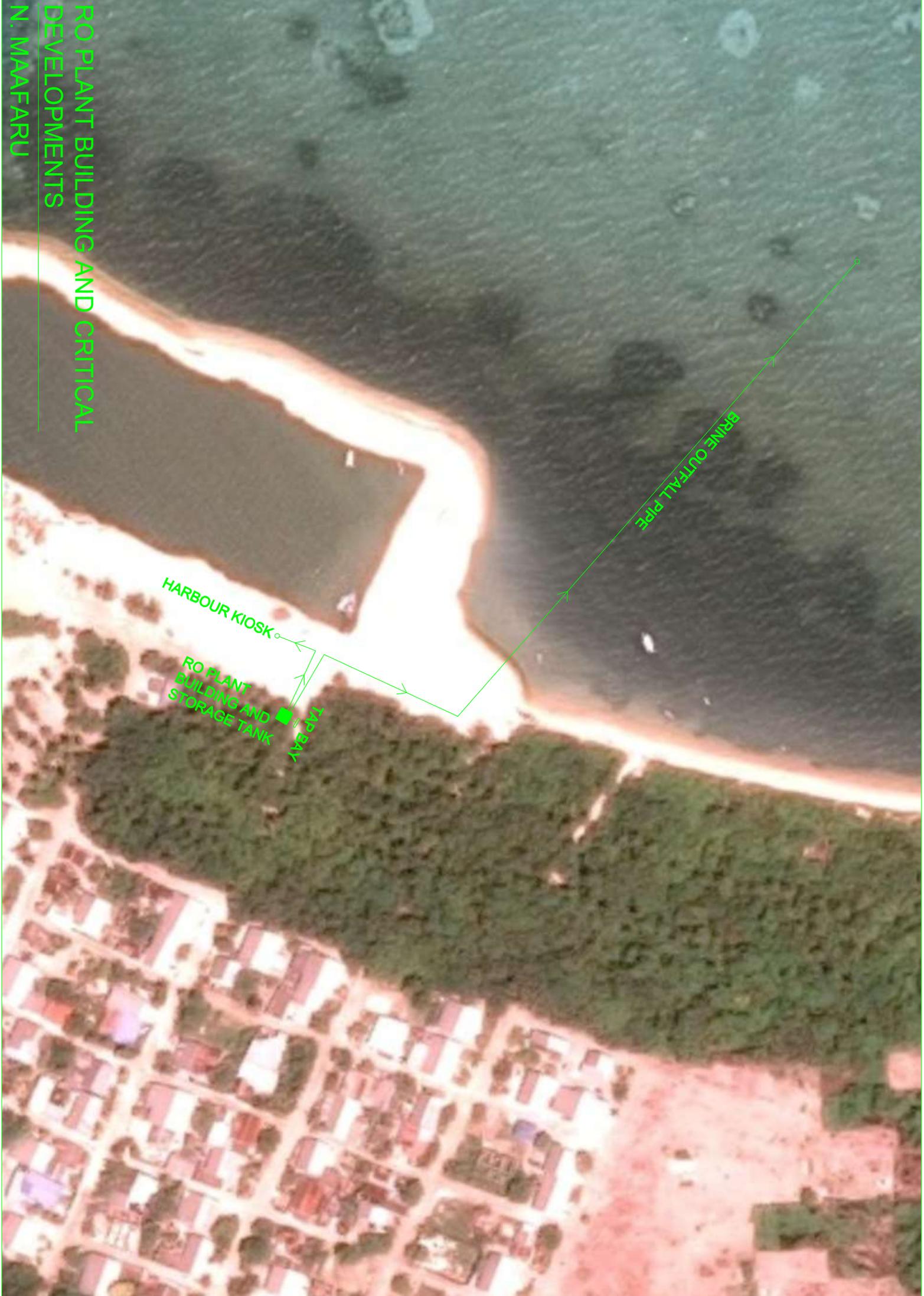
WATER SUPPLY COMPONENT

OFID PROJECT

MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE 20-01
REPUBLIC OF MALDIVES

RO PLANT BUILDING AND CRITICAL DEVELOPMENTS
N. MAAFARU

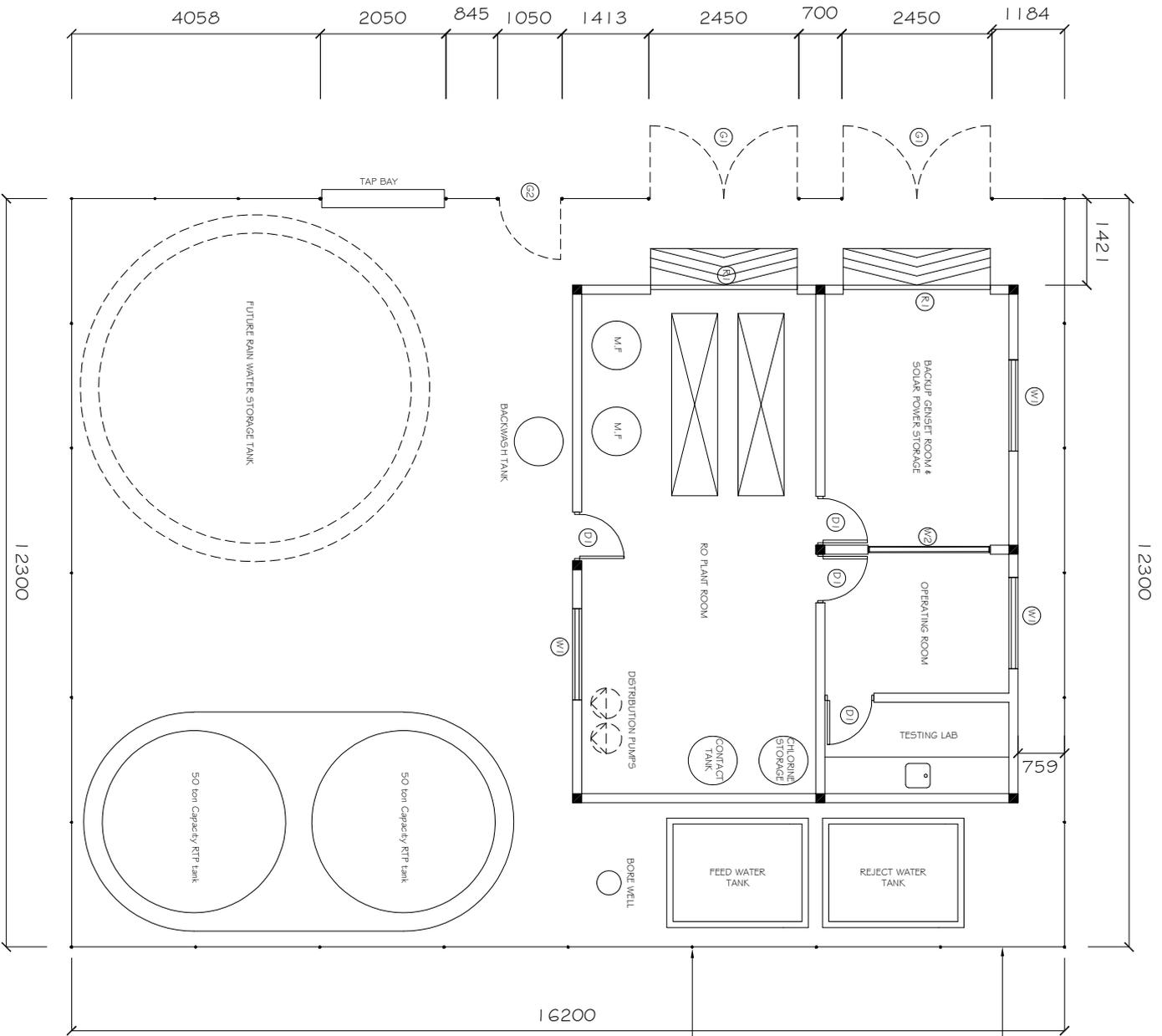


HARBOUR KIOSK

RO PLANT BUILDING AND STORAGE TANK

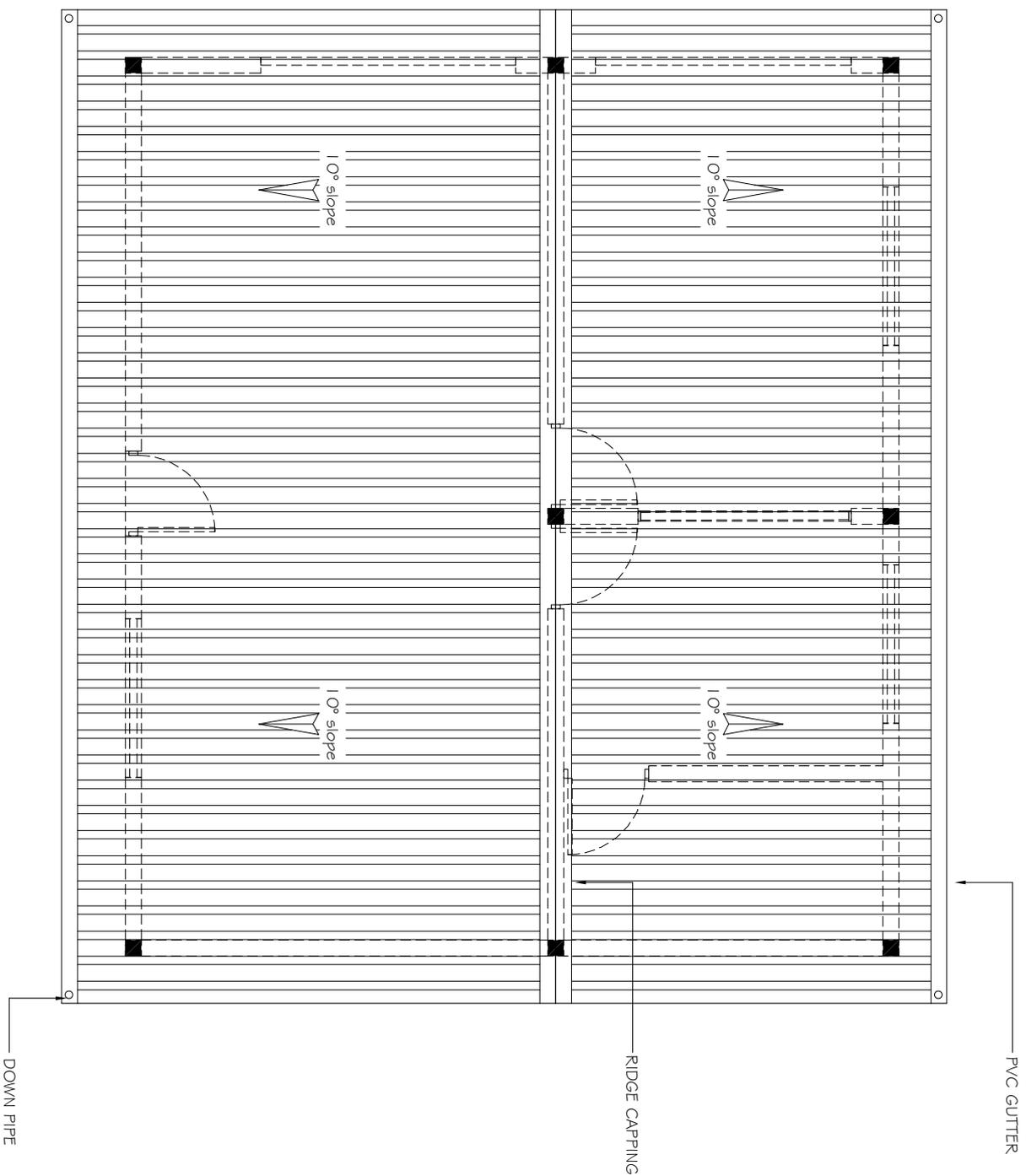
TAP BAY

BRINE OUTFALL PIPE



WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING
 NOONU MAAFARU





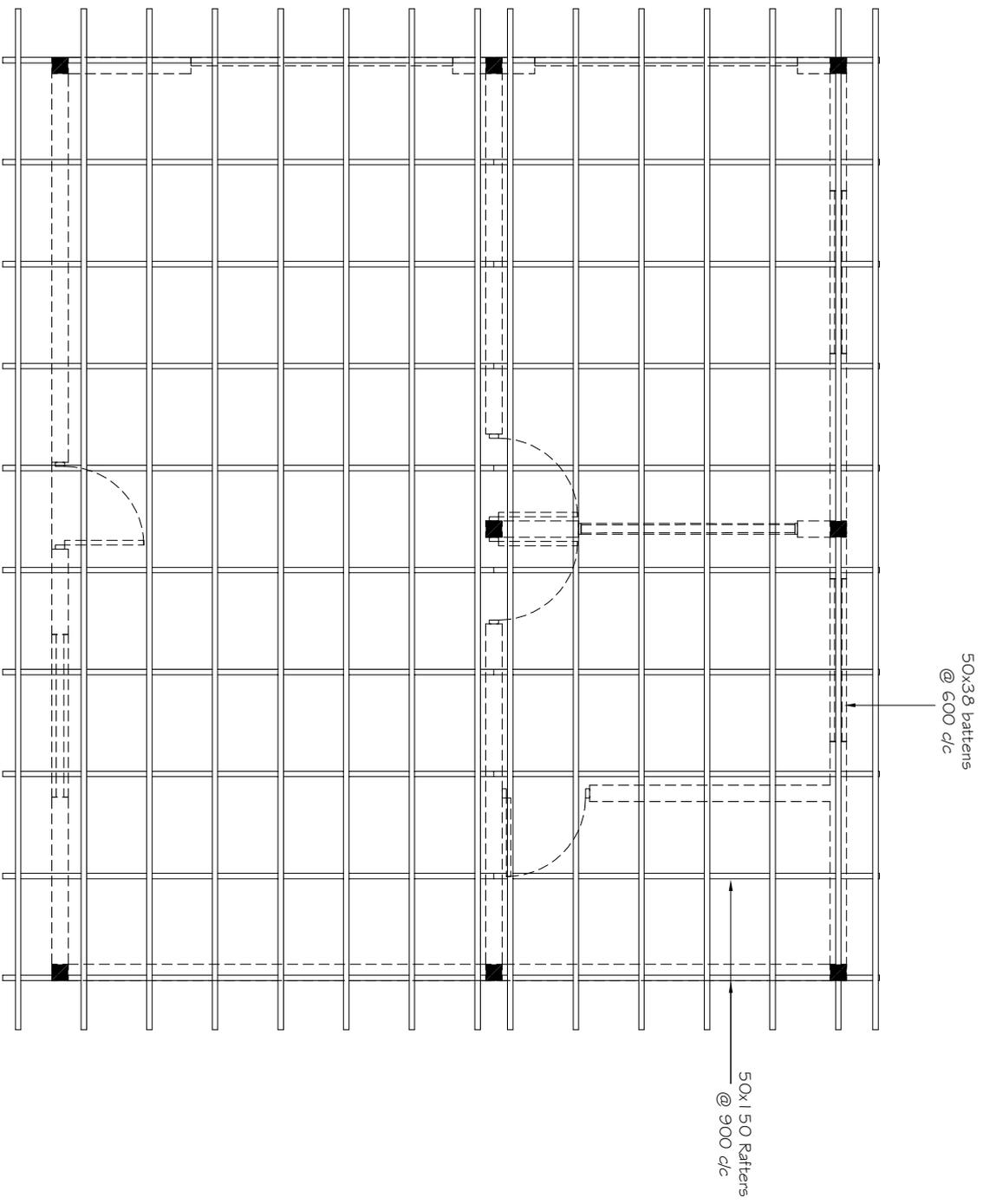
RO PLANT BUILDING
 ROOF PLAN N. MAAFARU

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

PROJECT:
 14 ISLAND WATER SUPPLY PROJECT

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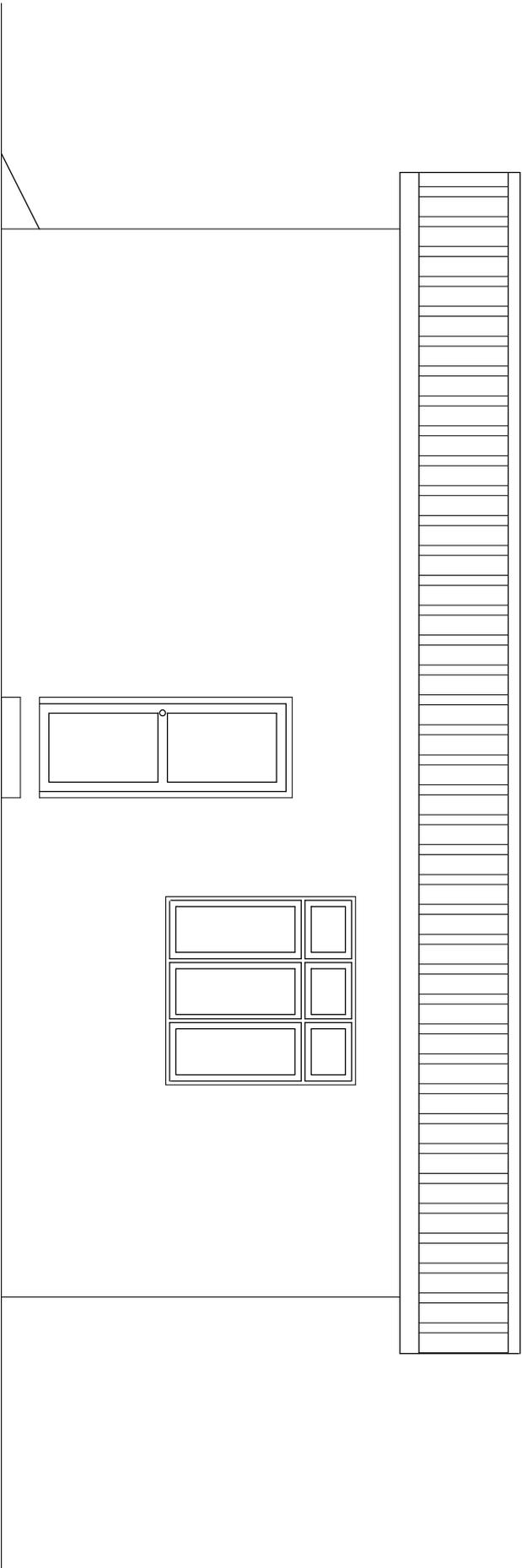
RO PLANT BUILDING
 ROOF STRUCTURE N. MAAFARU

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

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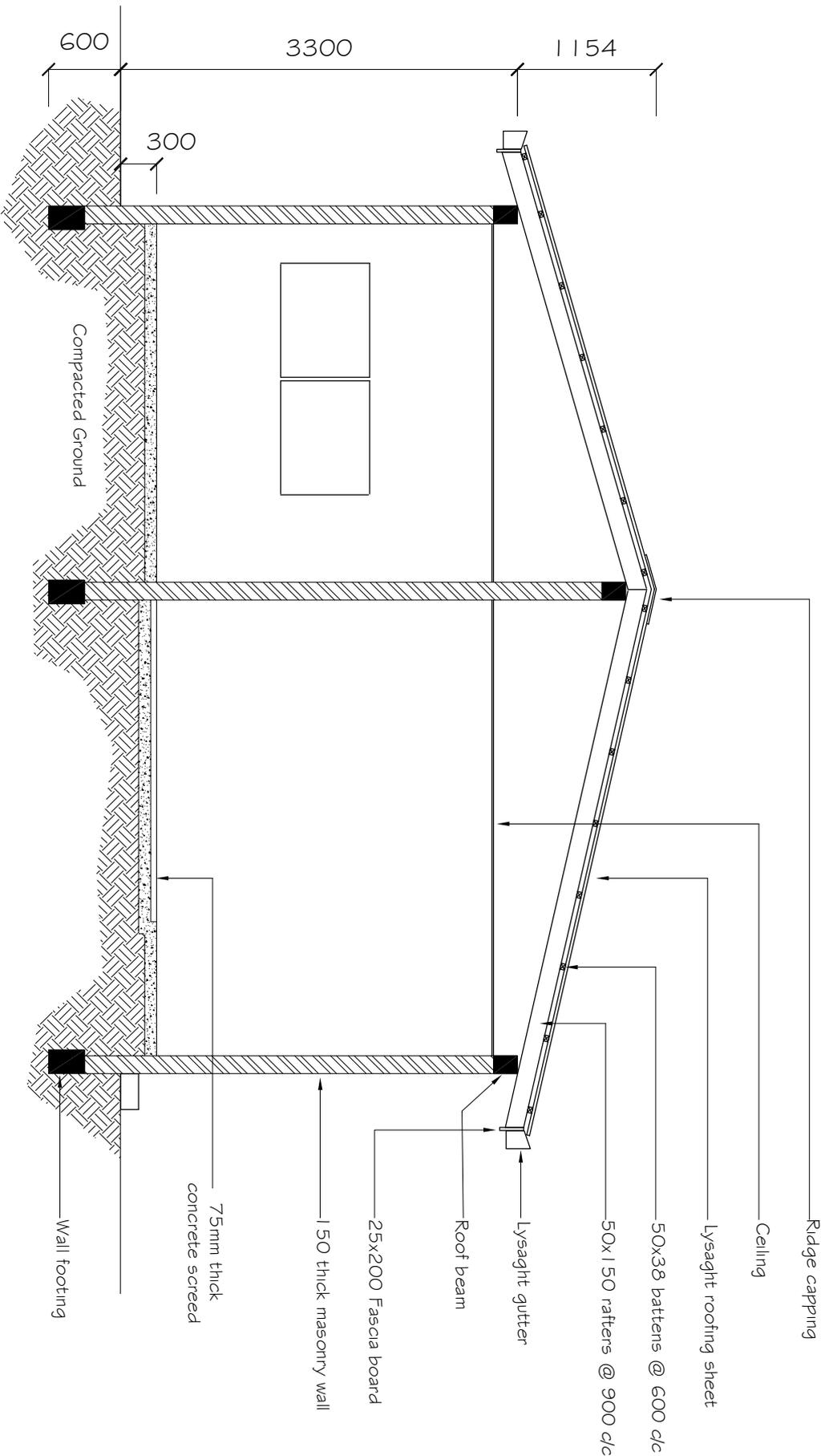
RO PLANT BUILDING
 FRONT ELEVATION N. MAAFARU

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

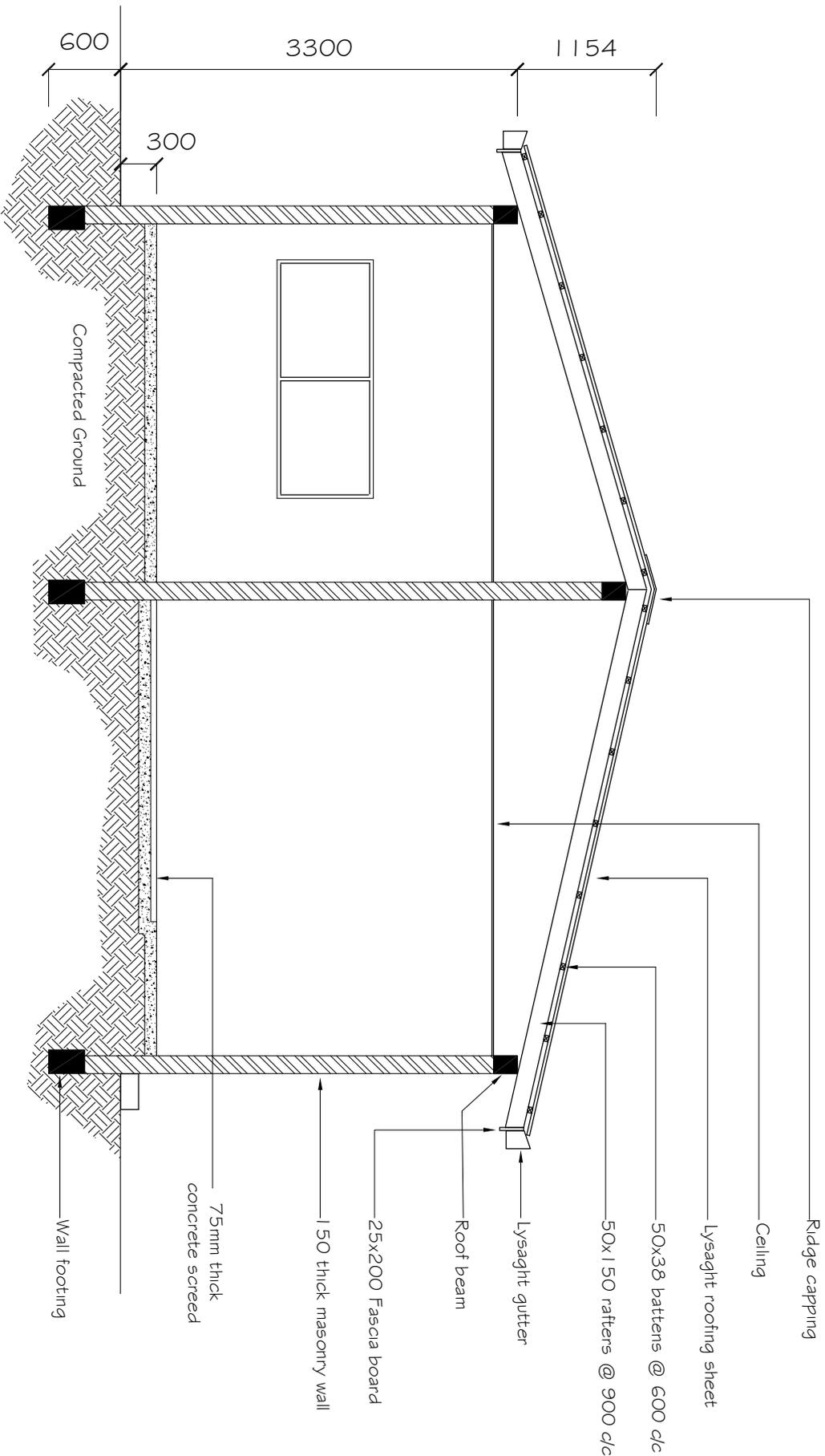
PROJECT:
 14 ISLAND WATER SUPPLY PROJECT

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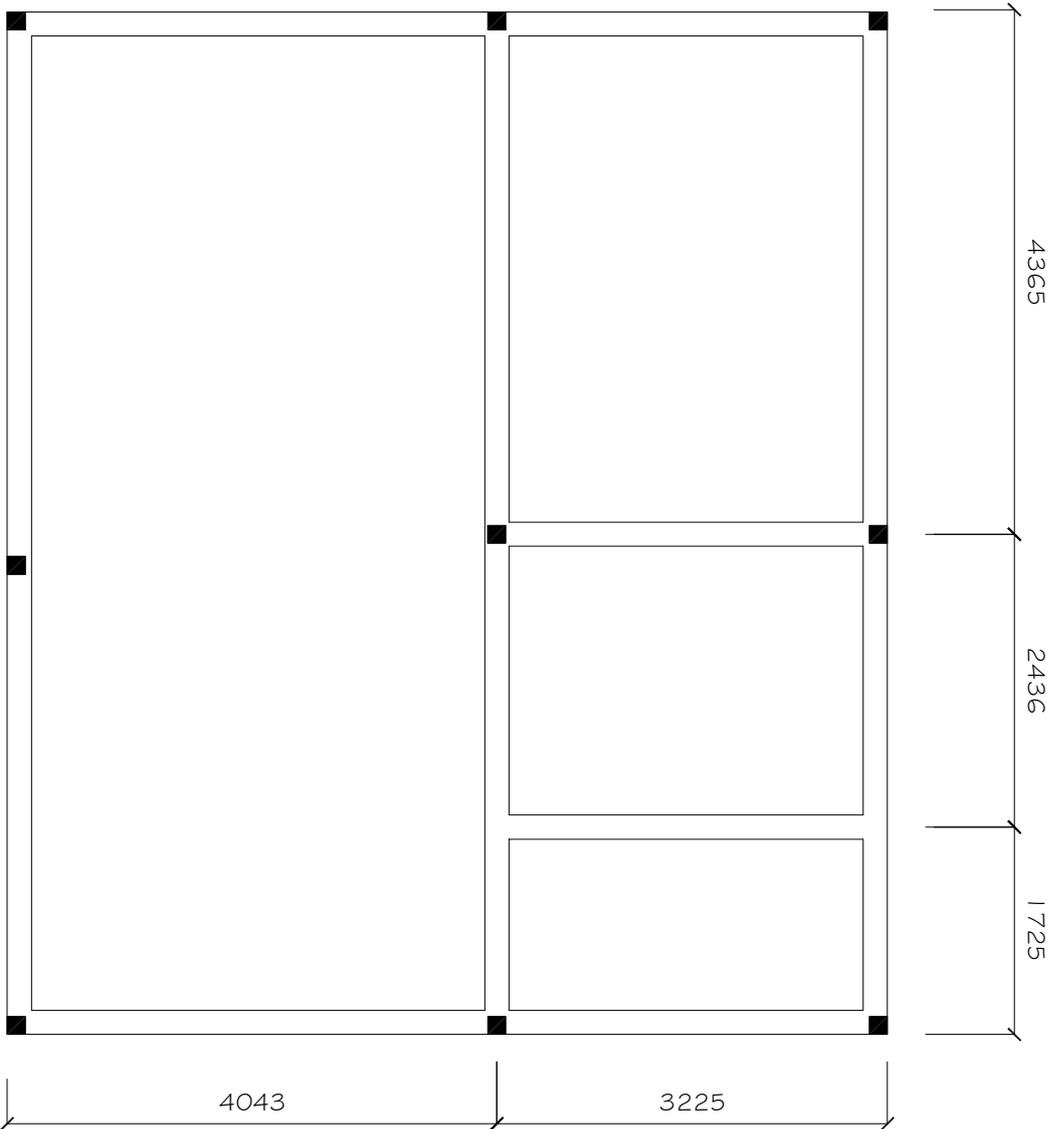




RO PLANT BUILDING
SECTION X-X N. MAAFARU



RO PLANT BUILDING
SECTION X-X N. MAAFARU



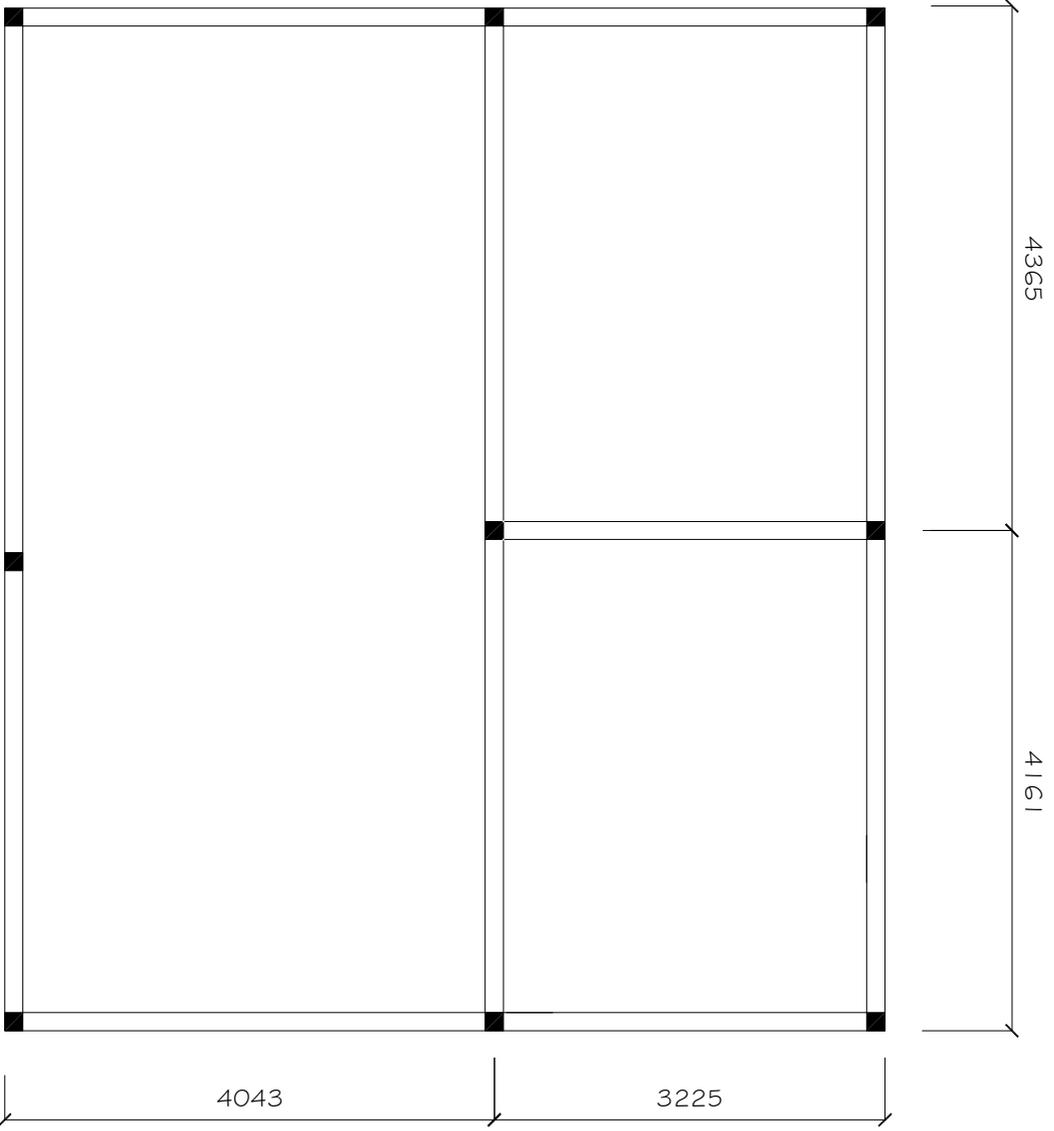
RO PLANT BUILDING
 WALL FOOTING PLAN N. MAAFARU

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
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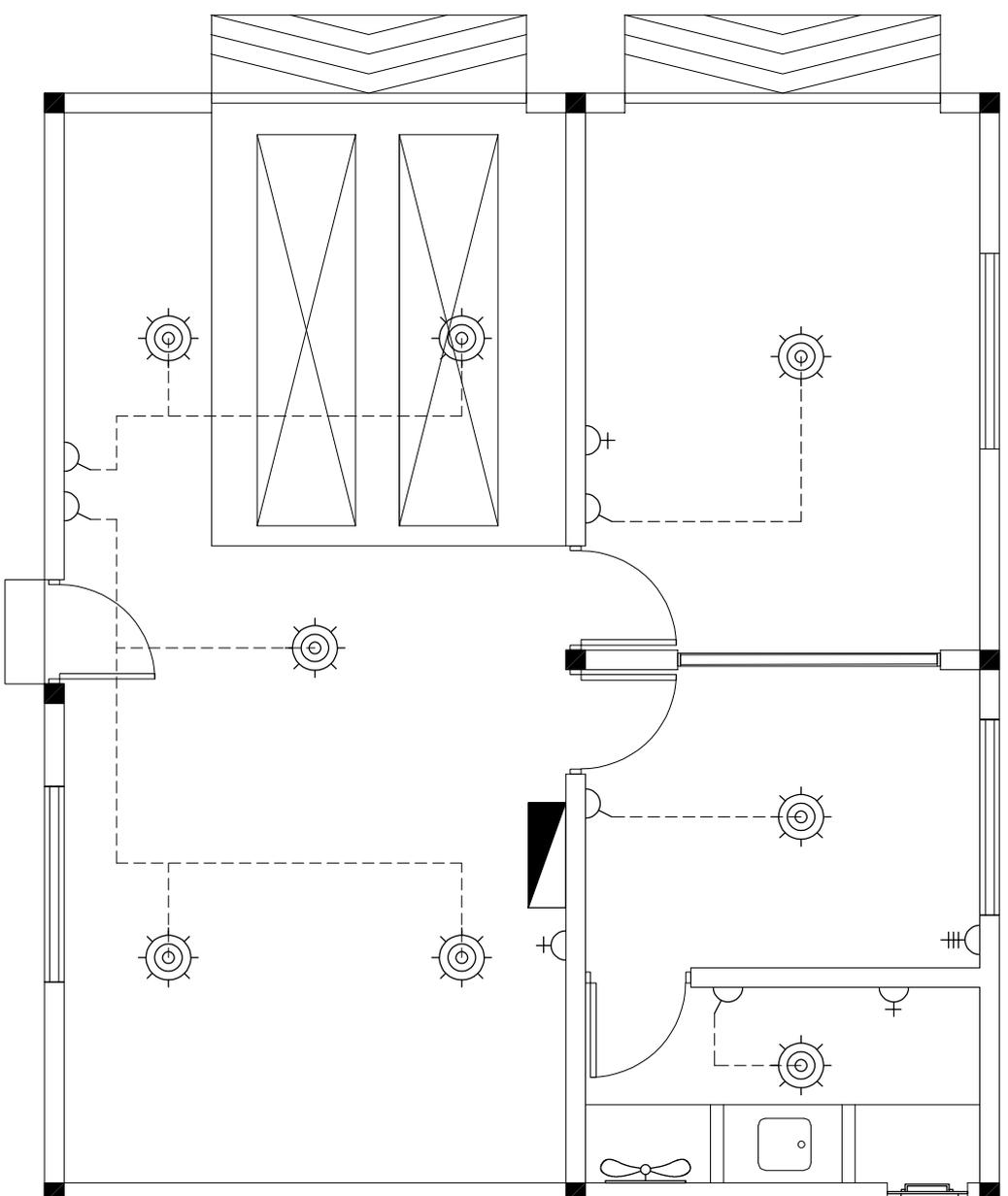
RO PLANT BUILDING
 ROOF BEAM PLAN N. MAAFARU

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

PROJECT:
 I 4 ISLAND WATER SUPPLY PROJECT

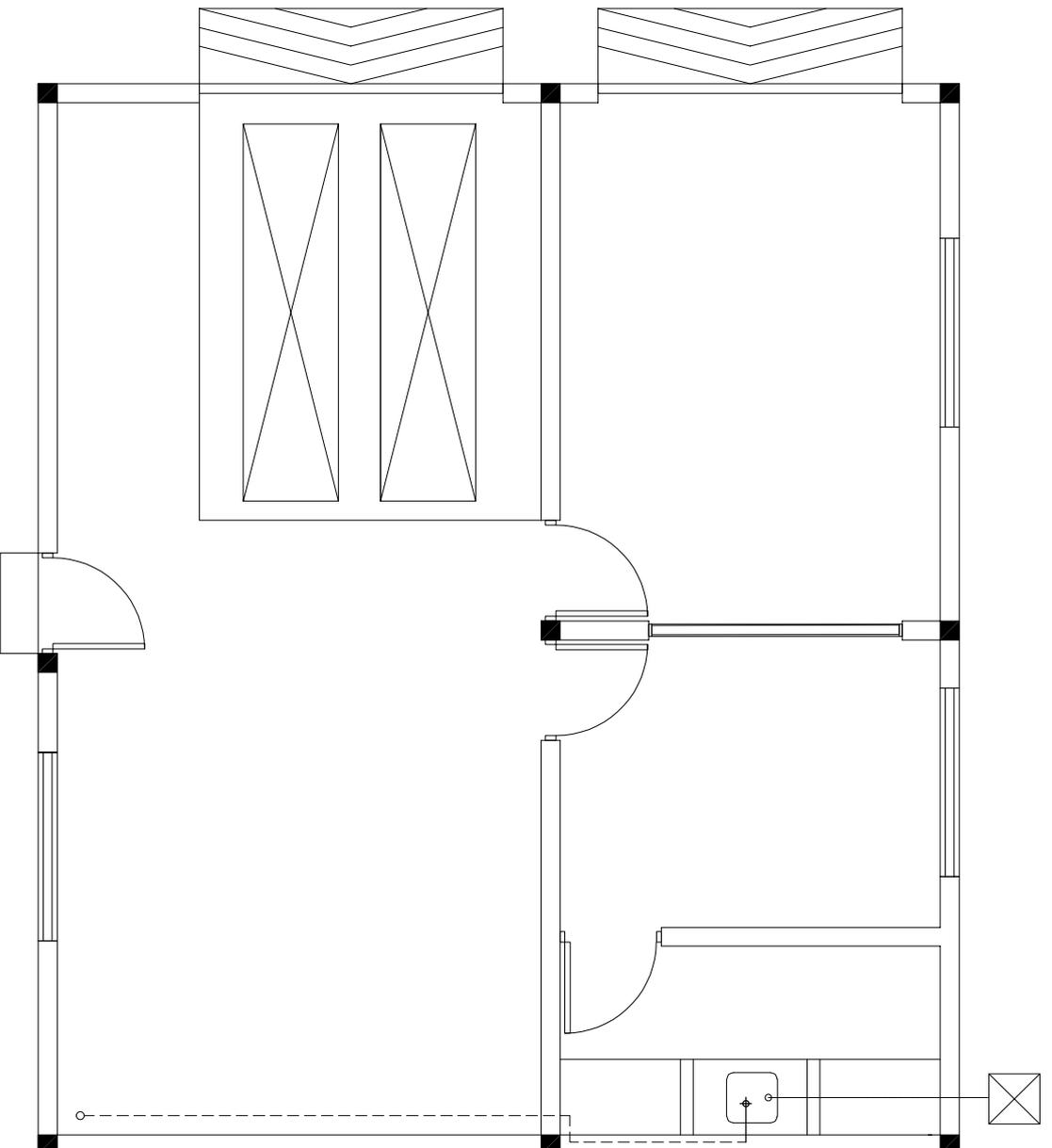
SCALE: AS SHOWN
 DATE: APR 2017





- 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



⊕ — 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:
1/4 ISLAND WATER SUPPLY PROJECT

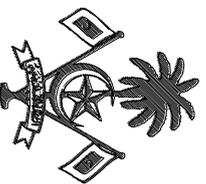
SCALE: AS SHOWN

DATE: APR 2017



PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

R. INGURAI DHOO RO PLANT BUILDING AND WATER SUPPLY FACILITY



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



HARBOUR KIOSK

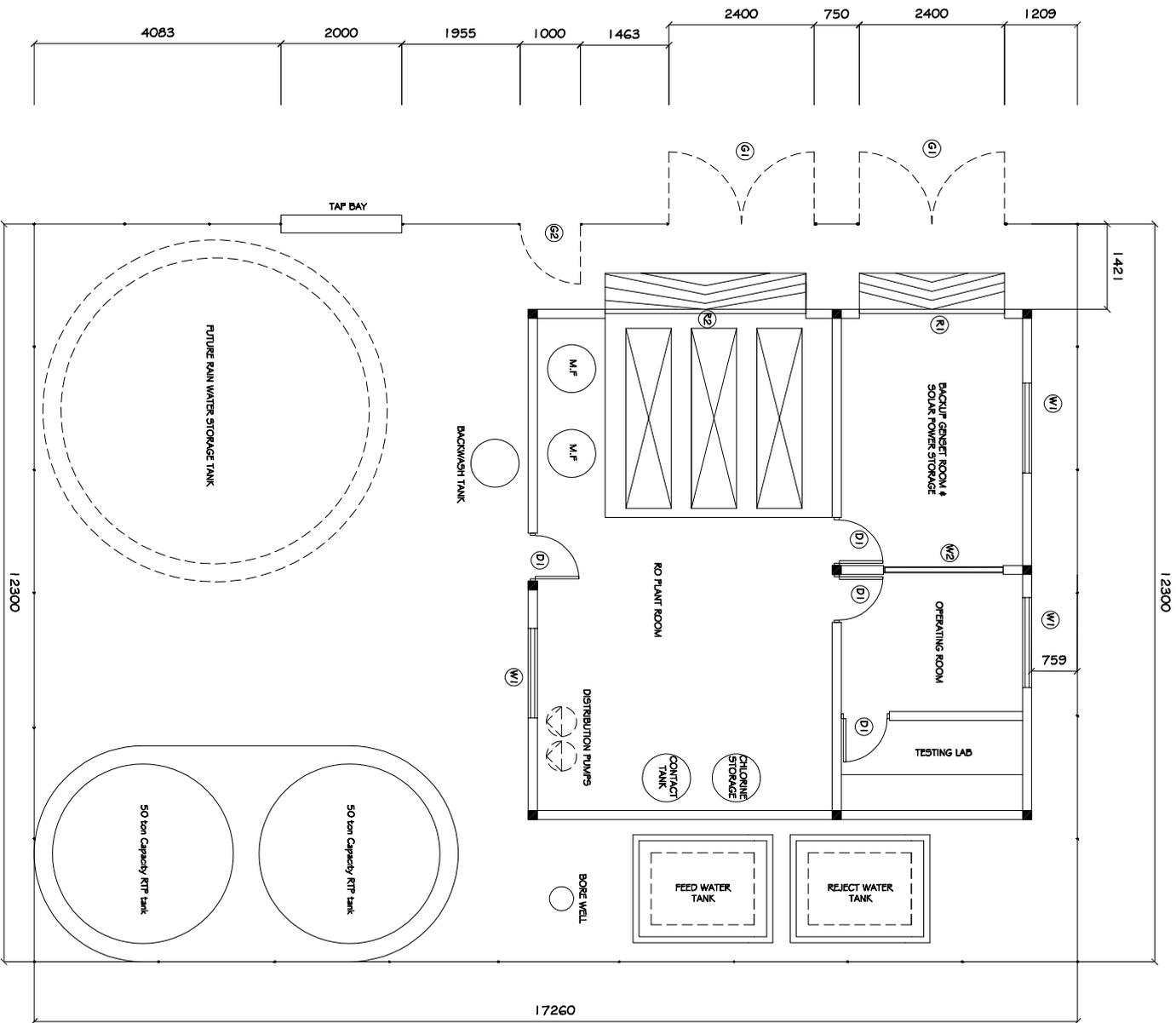
SUPPLY PIPE TO HARBOUR KIOSK

RO PLANT BUILDING AND STORAGE TANK

TAP BAY

BRINE OUTFALL PIPE

RO PLANT BUILDING AND CRITICAL DEVELOPMENTS
R. INGRAIDHOQ



WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING SITE PLAN
 RAA INGURAI DHOO

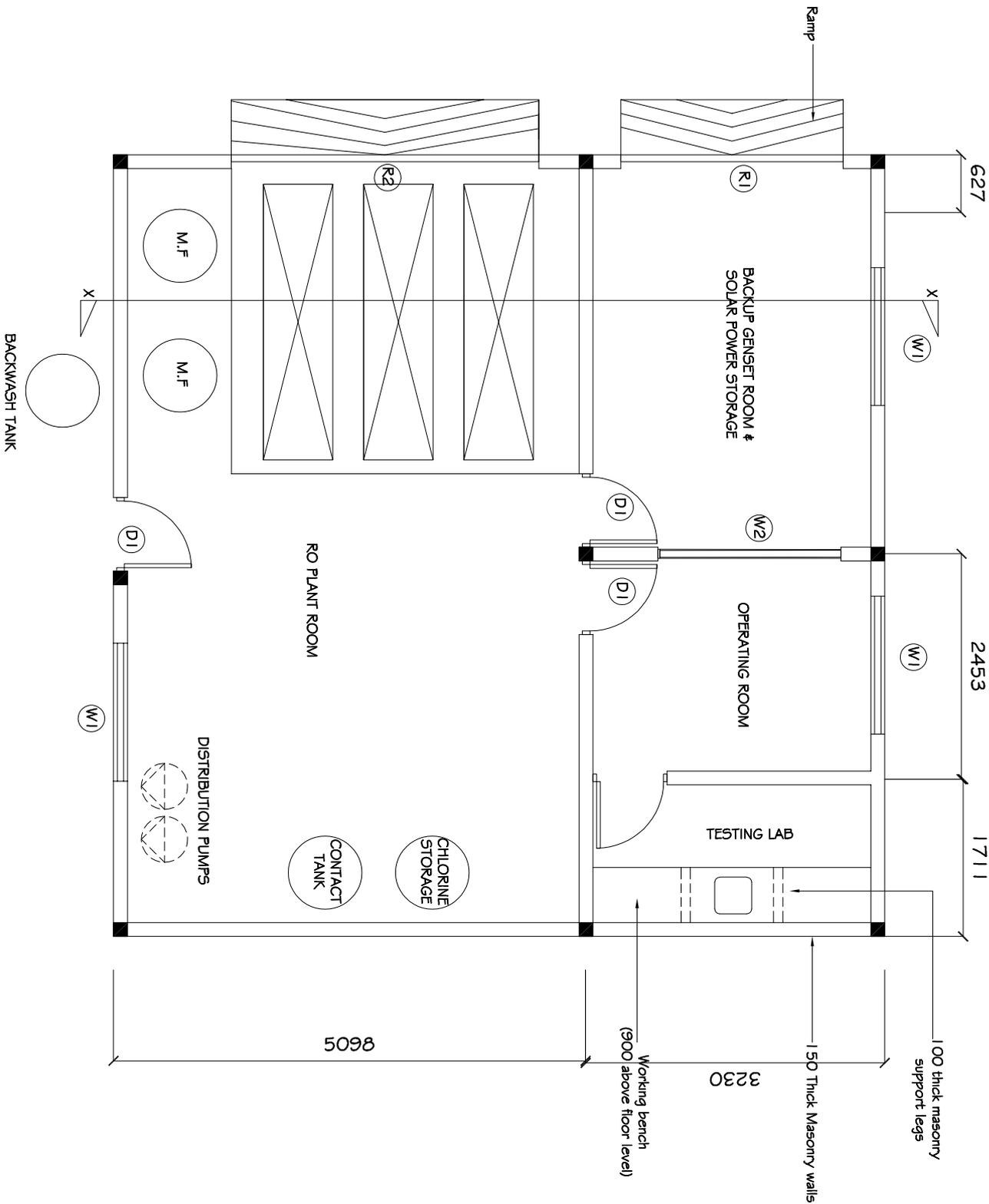
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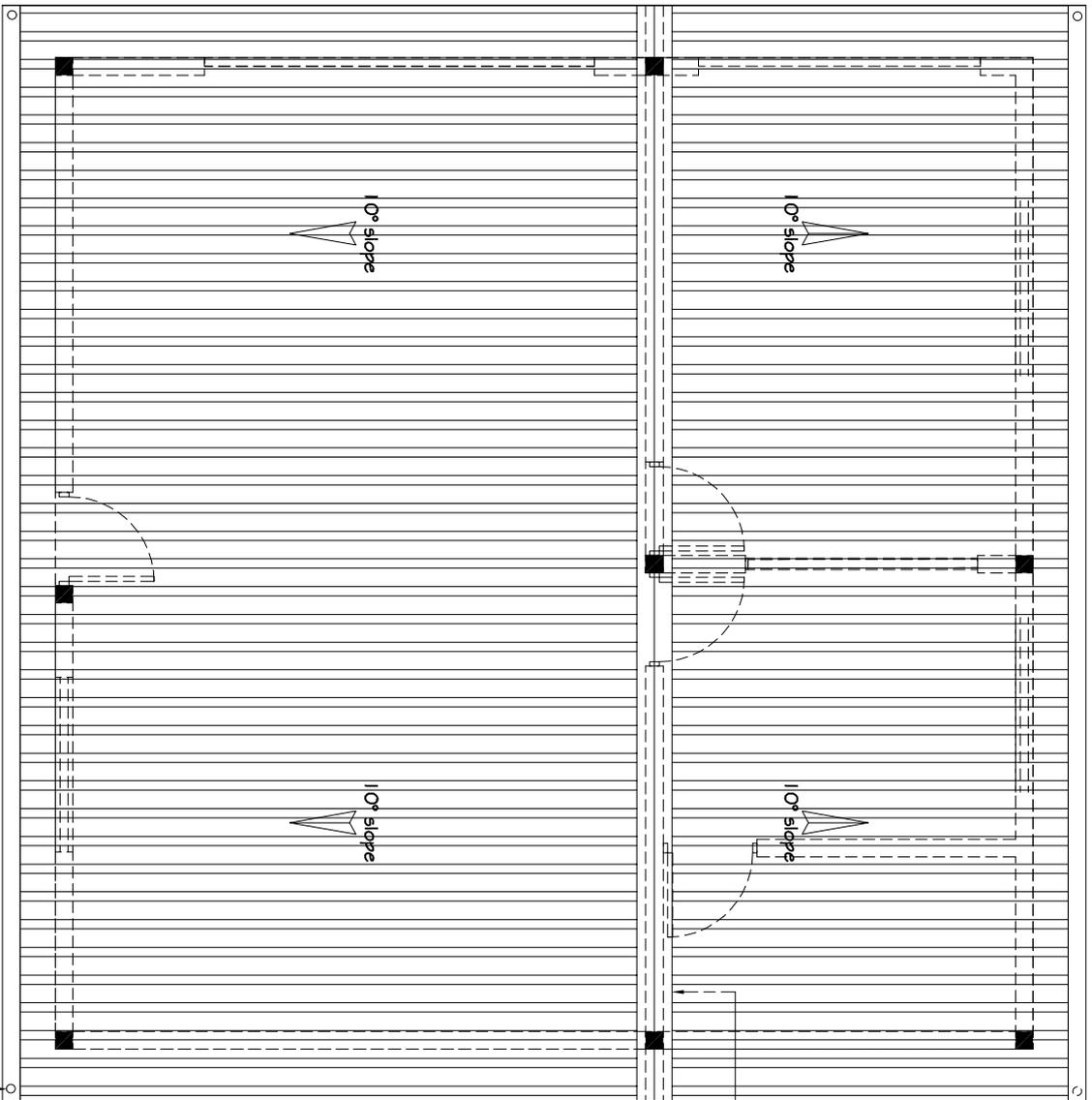
DATE: MAR 2017



SOLID WASTE MANAGEMENT COMPONENT
 OPEC FUND FOR INTERNATIONAL DEVELOPMENT
 MINISTRY OF ENVIRONMENT AND ENERGY
 REPUBLIC OF MALDIVES

RO PLANT BUILDING
 FLOOR PLAN R. INGU RAIDHOO





PVC GUTTER

RIDGE CAPPING

DOWN PIPE

RO PLANT BUILDING
ROOF PLAN R. INGURAIIDHOO

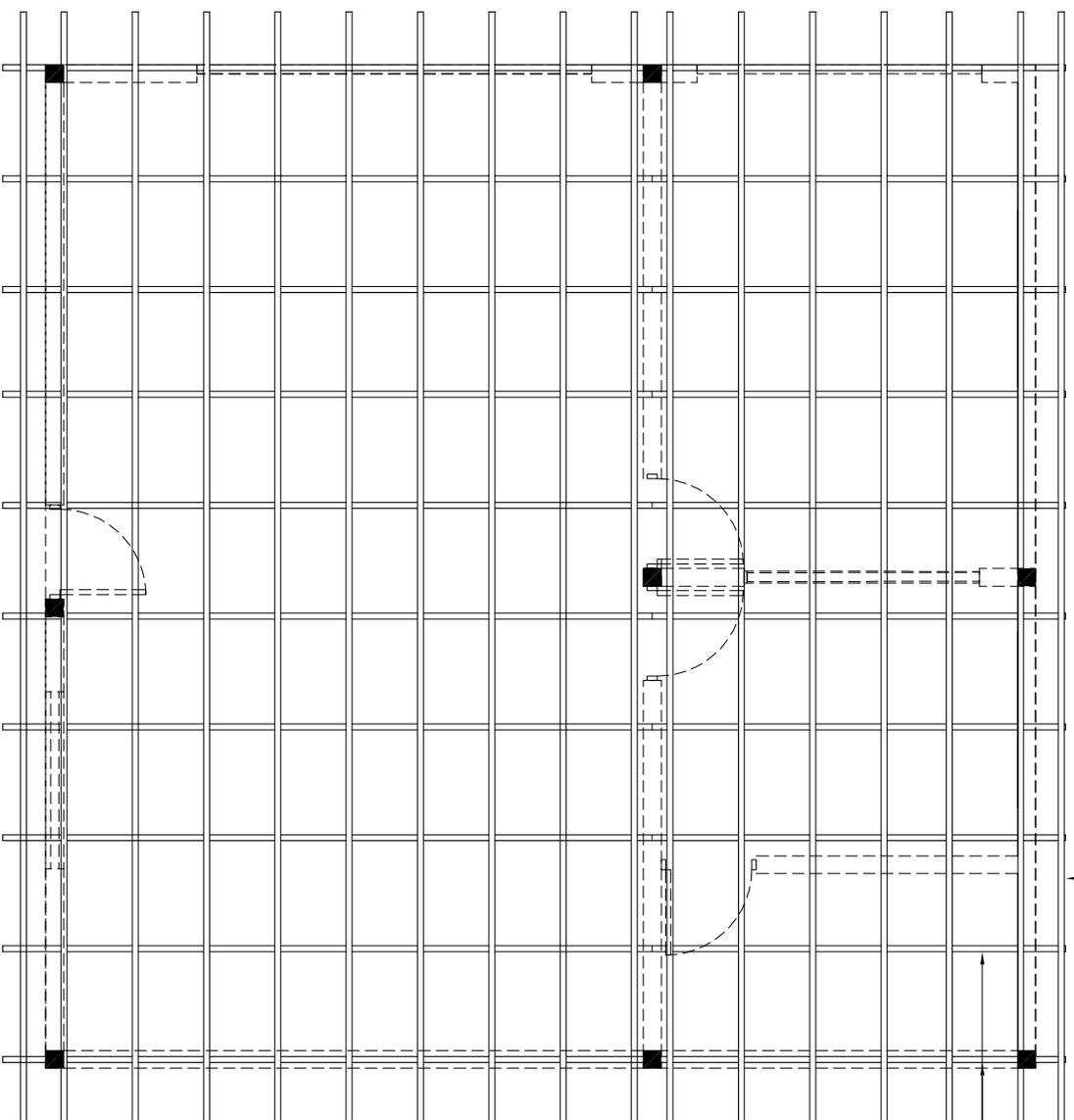
PROVISION OF WATER SUPPLY SANITATION AND SOLID
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 OPEC FUND FOR INTERNATIONAL DEVELOPMENT

PROJECT:
 1 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
 DATE: MAR 2017



50x38 battens
@ 600 dc



50x150 Rafters
@ 900 dc

RO PLANT BUILDING
ROOF STRUCTURE R. INGURAI DHOO

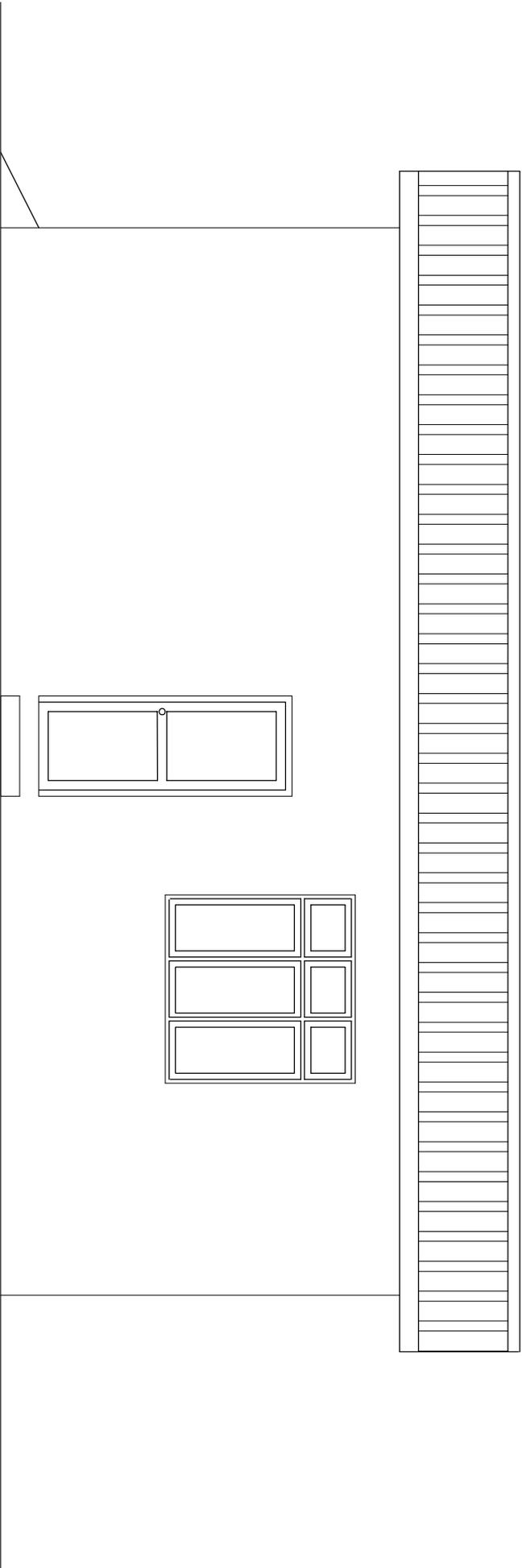
PROVISION OF WATER SUPPLY SANITATION AND SOLID
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OPEC FUND FOR INTERNATIONAL DEVELOPMENT

PROJECT:
1/4 ISLAND WATER SUPPLY PROJECT

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RO PLANT BUILDING
FRONT ELEVATION R. INGURAIIDHOO



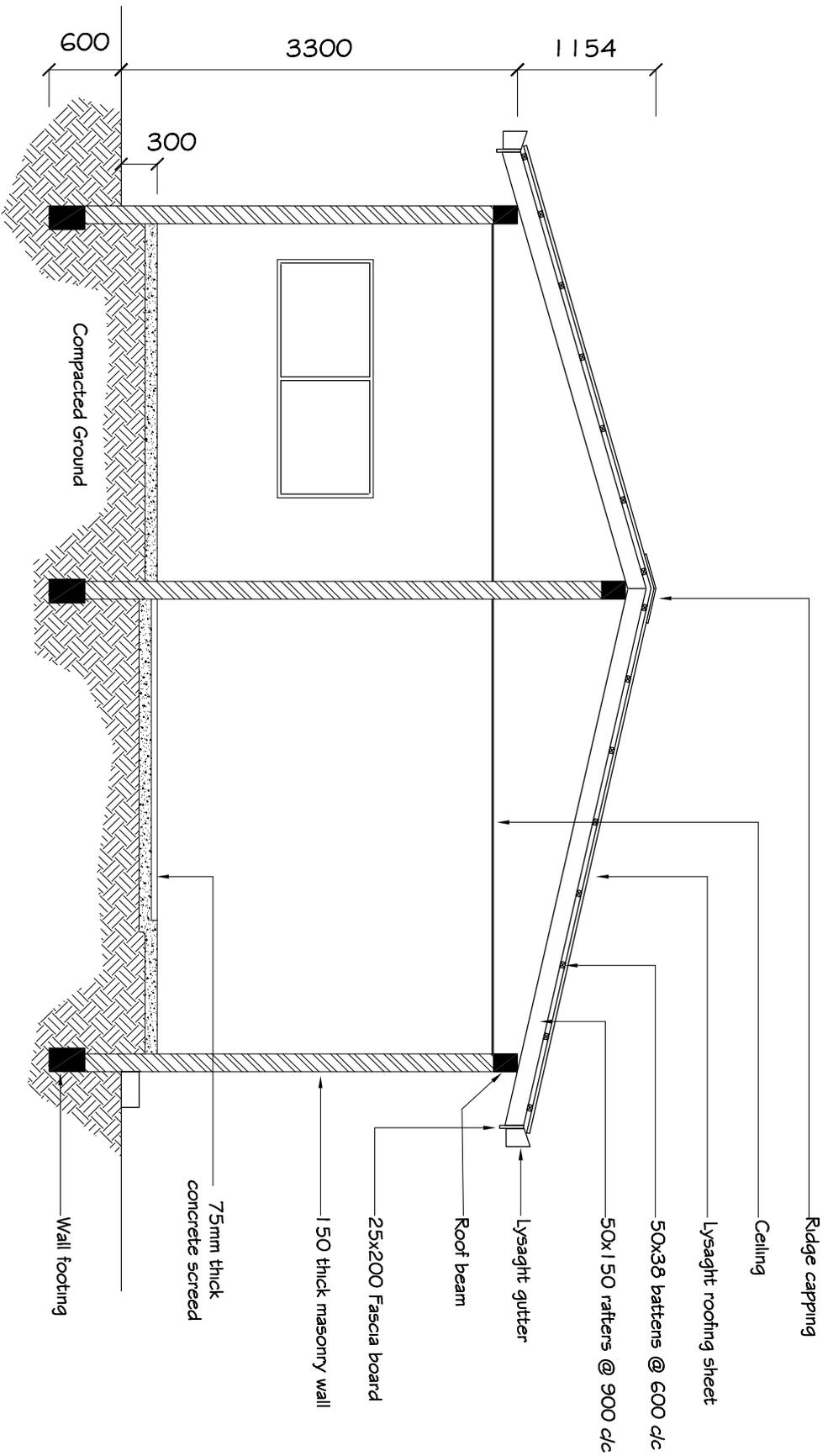
PROVISION OF WATER SUPPLY SANITATION AND SOLID
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OPEC FUND FOR INTERNATIONAL DEVELOPMENT

PROJECT:
1.4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN

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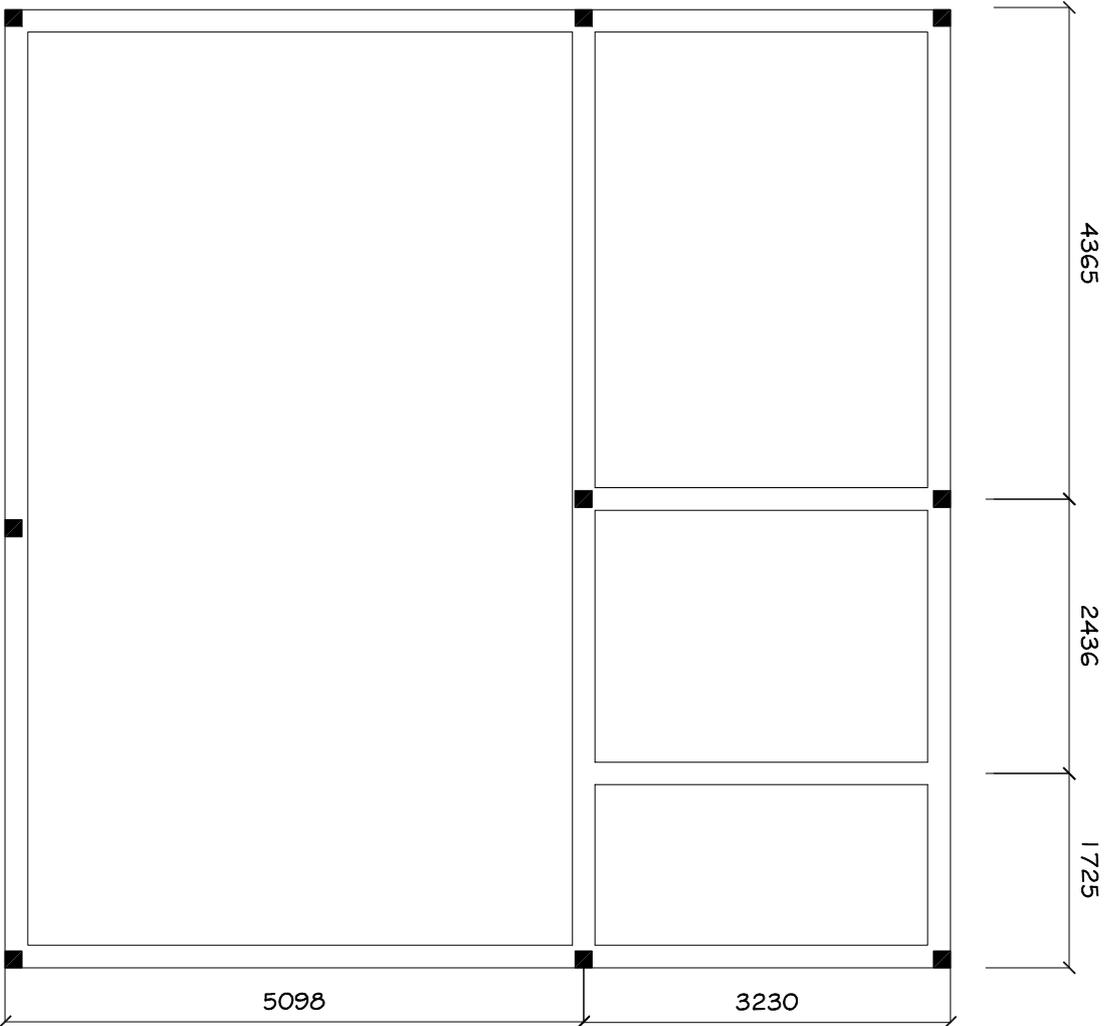
RO PLANT BUILDING
SECTION X-X R. INGURAIIDHOO

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

PROJECT:
1 4 ISLAND WATER SUPPLY PROJECT

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DATE: MAR 2017





RO PLANT BUILDING
WALL FOOTING PLAN. INGURAI DHOO

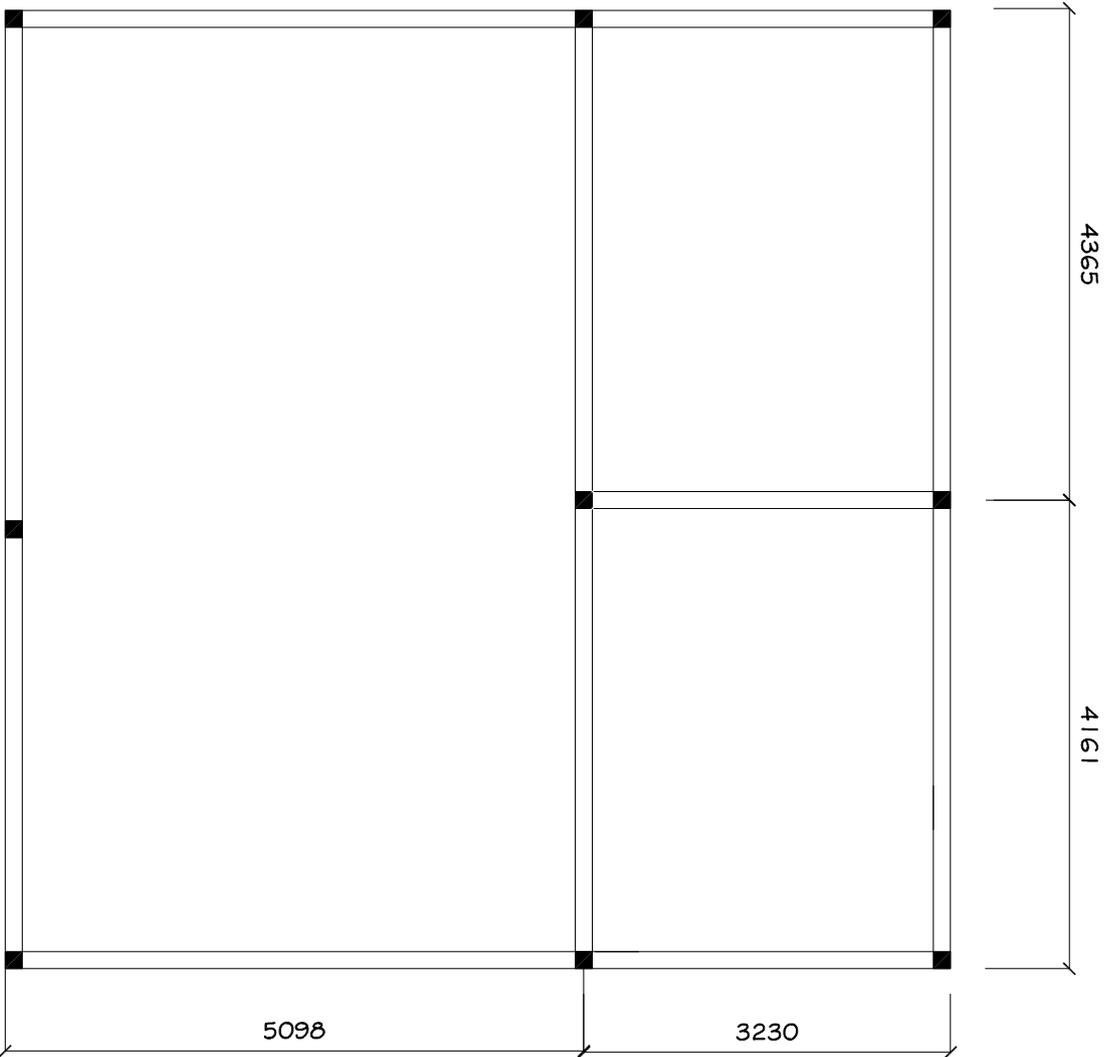
PROVISION OF WATER SUPPLY SANITATION AND SOLID
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 OPEC FUND FOR INTERNATIONAL DEVELOPMENT

PROJECT:
 1 4 ISLAND WATER SUPPLY PROJECT

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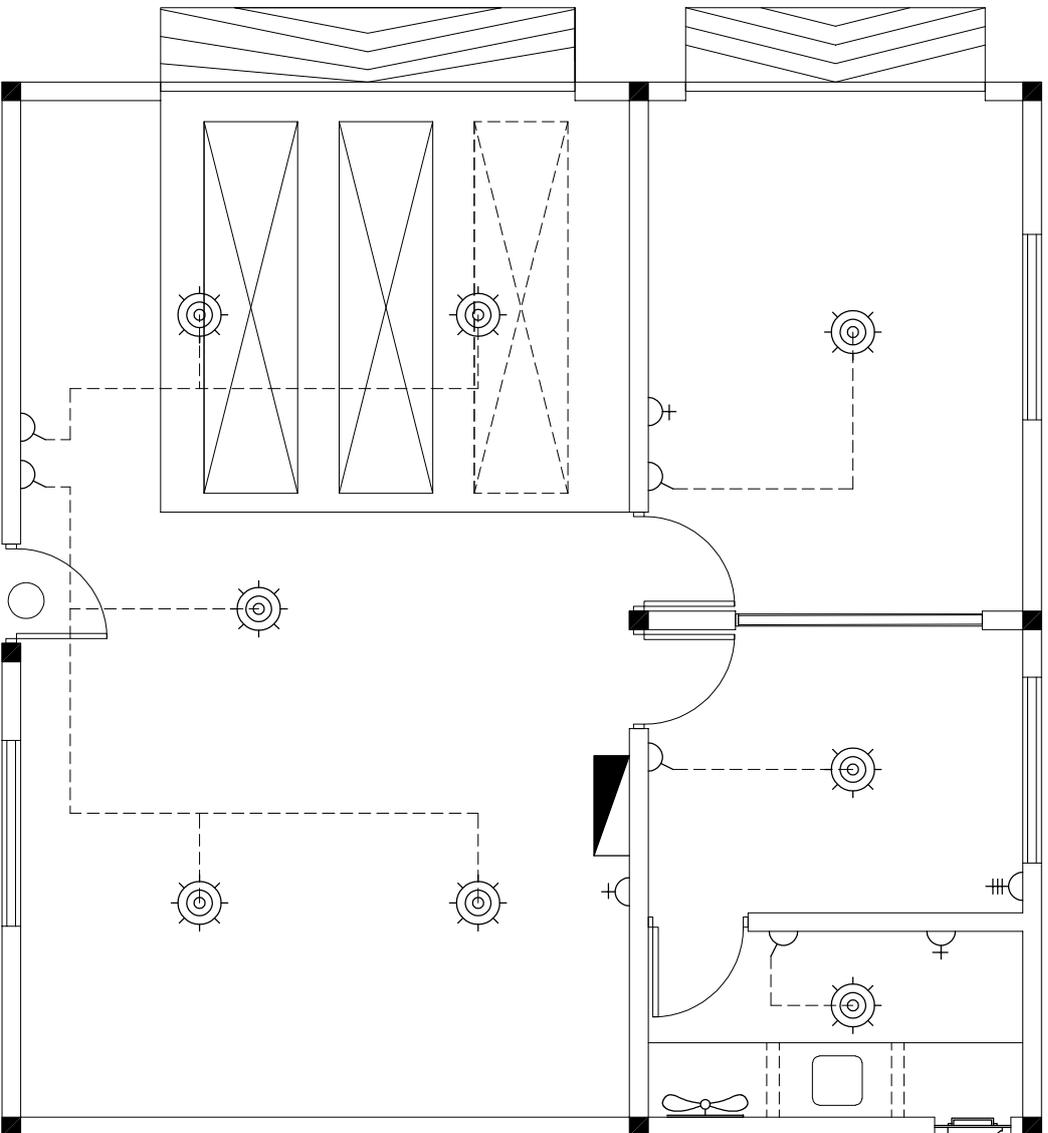
RO PLANT BUILDING
ROOF BEAM PLAN R. INGURAIÐHOO

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

PROJECT:
1 4 ISLAND WATER SUPPLY PROJECT

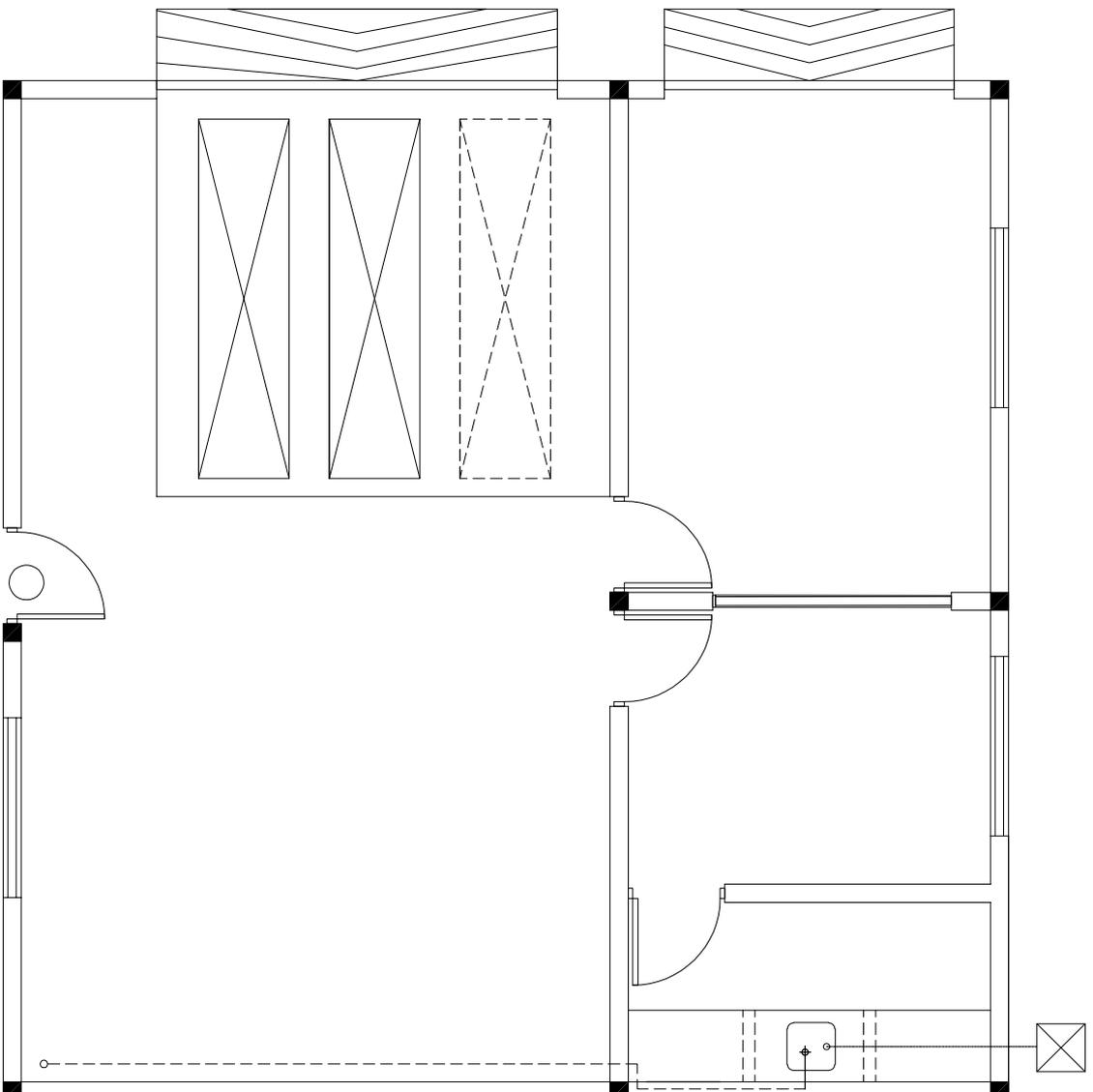
SCALE: AS SHOWN
DATE: MAR 2017





RO PLANT BUILDING
ELECTRICAL LAYOUT 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**



—⊕— PVC Sink Tap

⊗ Soak pit

- - - 25mm PVC Pipe

— 50mm PVC Train Pipe

RO PLANT BUILDING
PLUMBING LAYOUT R. INGURAIIDHOO

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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PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

N. HOLHUDDHOO RO PLANT BUILDING AND WATER SUPPLY FACILITY

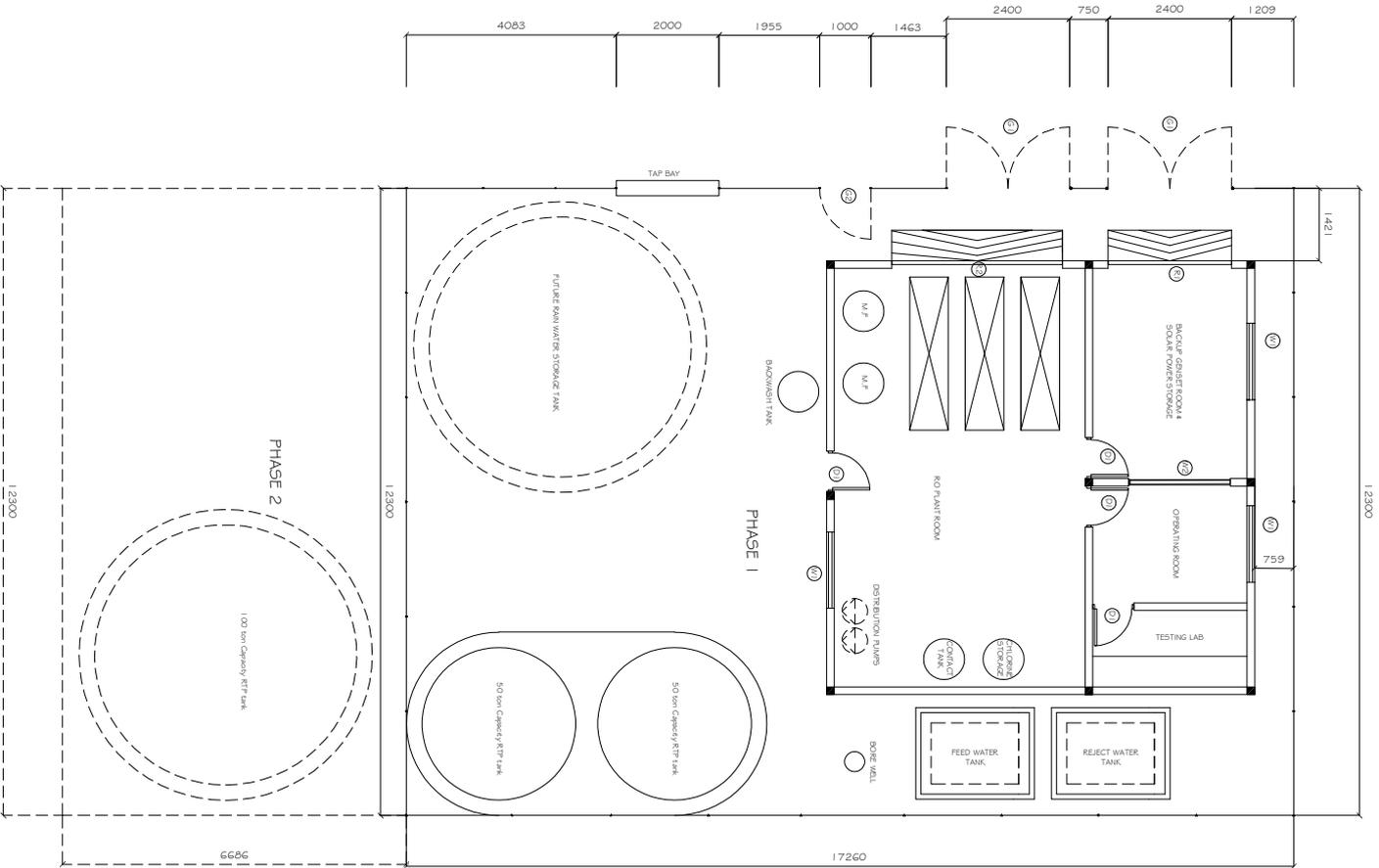


WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

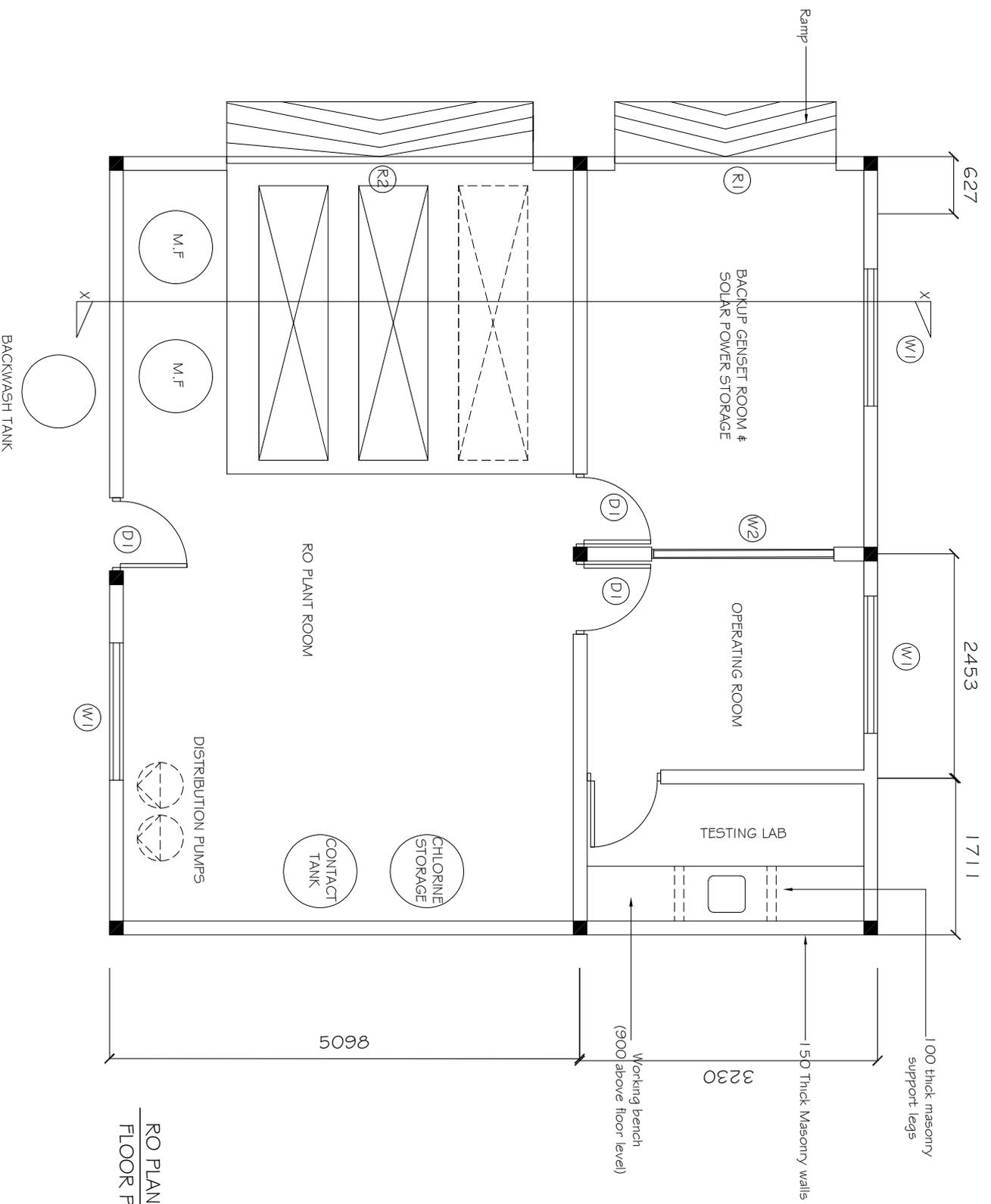
HANDHUVAREE HINGUN MALE 20-01
REPUBLIC OF MALDIVES

RO PLANT BUILDING AND CRITICAL DEVELOPMENTS
N. HOLHUDDHOO





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



RO PLANT BUILDING
FLOOR PLAN N.HOLHUDDHOO

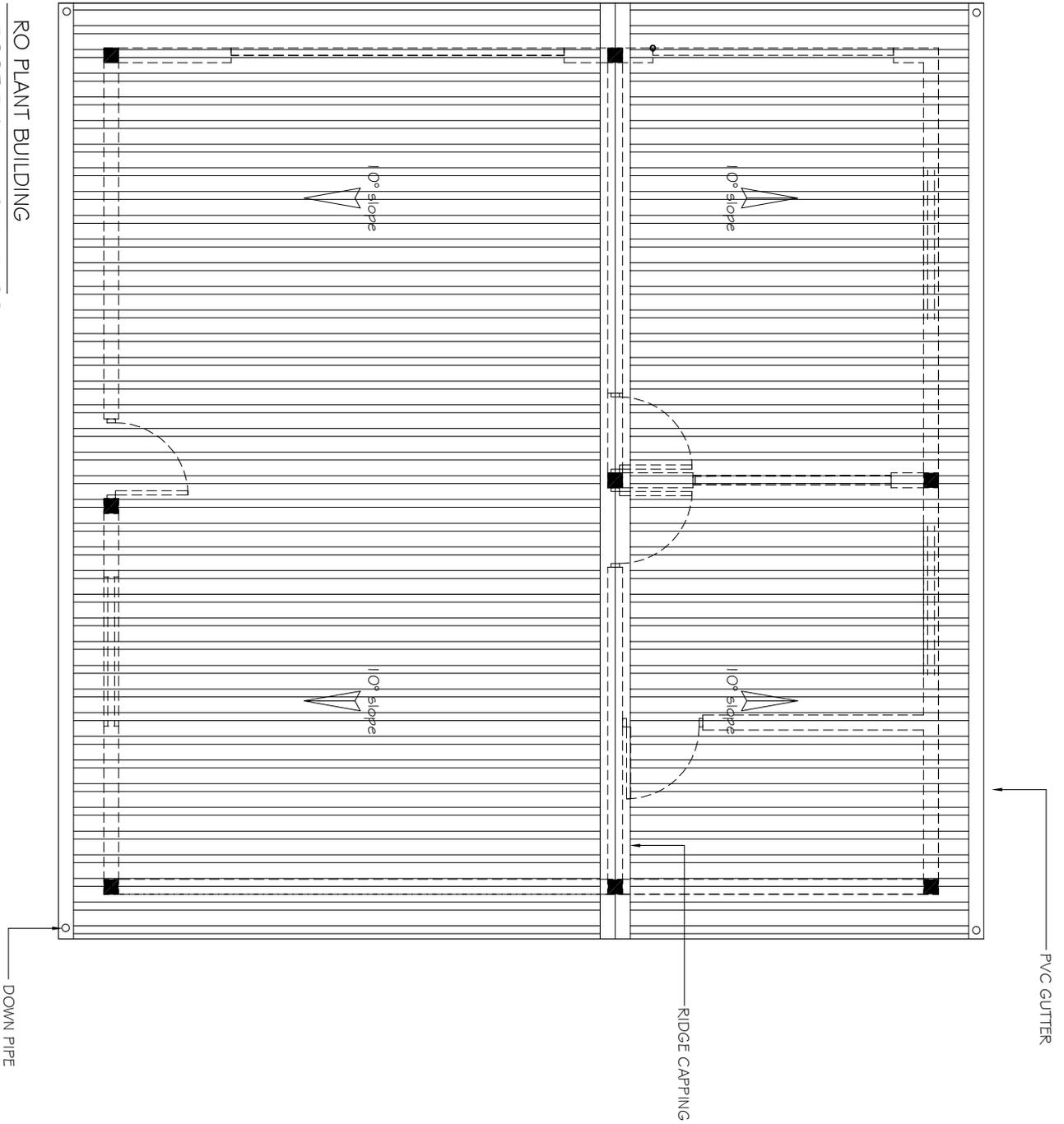
PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT
OPEC FUND FOR INTERNATIONAL DEVELOPMENT

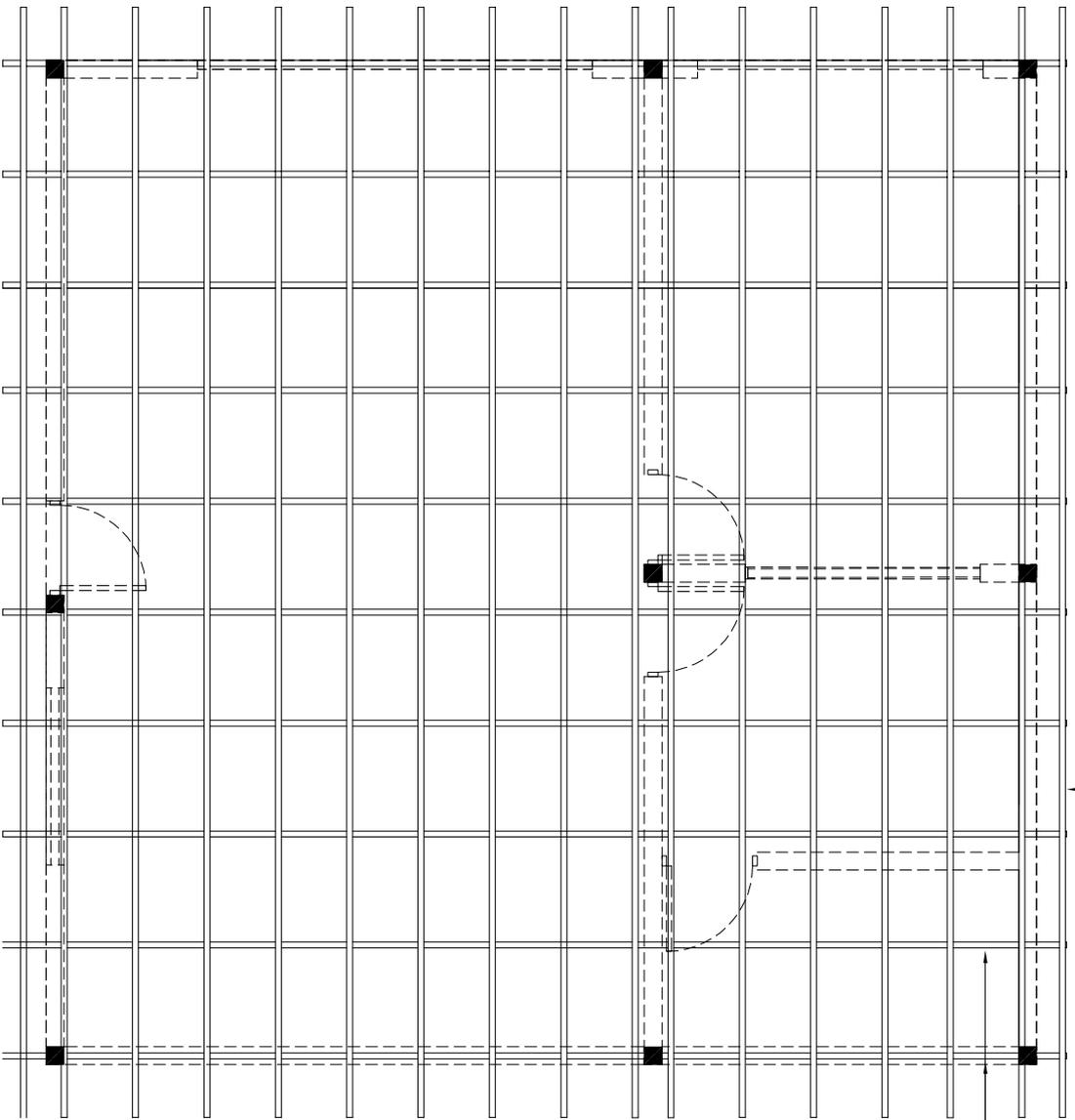
PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

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DATE: APR 2017



RO PLANT BUILDING
ROOF PLAN N.HOLHUDDHOO





RO PLANT BUILDING N.HOLHUDDOO
 ROOF STRUCTURE

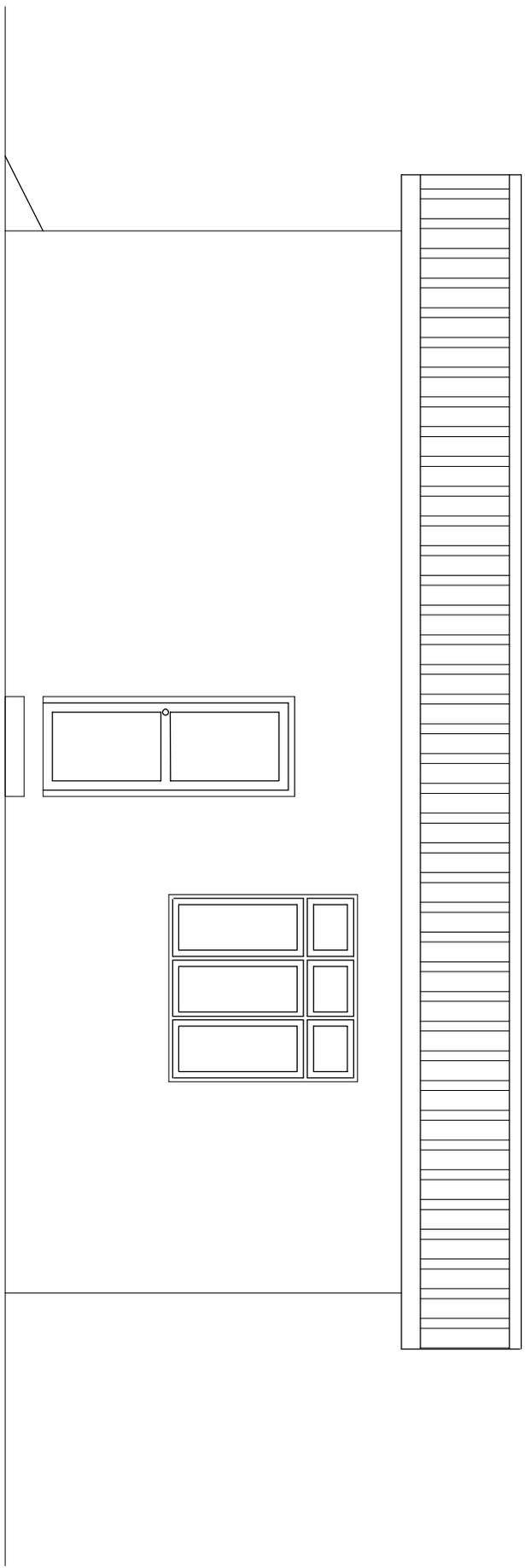
PROVISION OF WATER SUPPLY SANITATION AND SOLID
 WASTE MANAGEMENT PROJECT
 OPEC FUND FOR INTERNATIONAL DEVELOPMENT

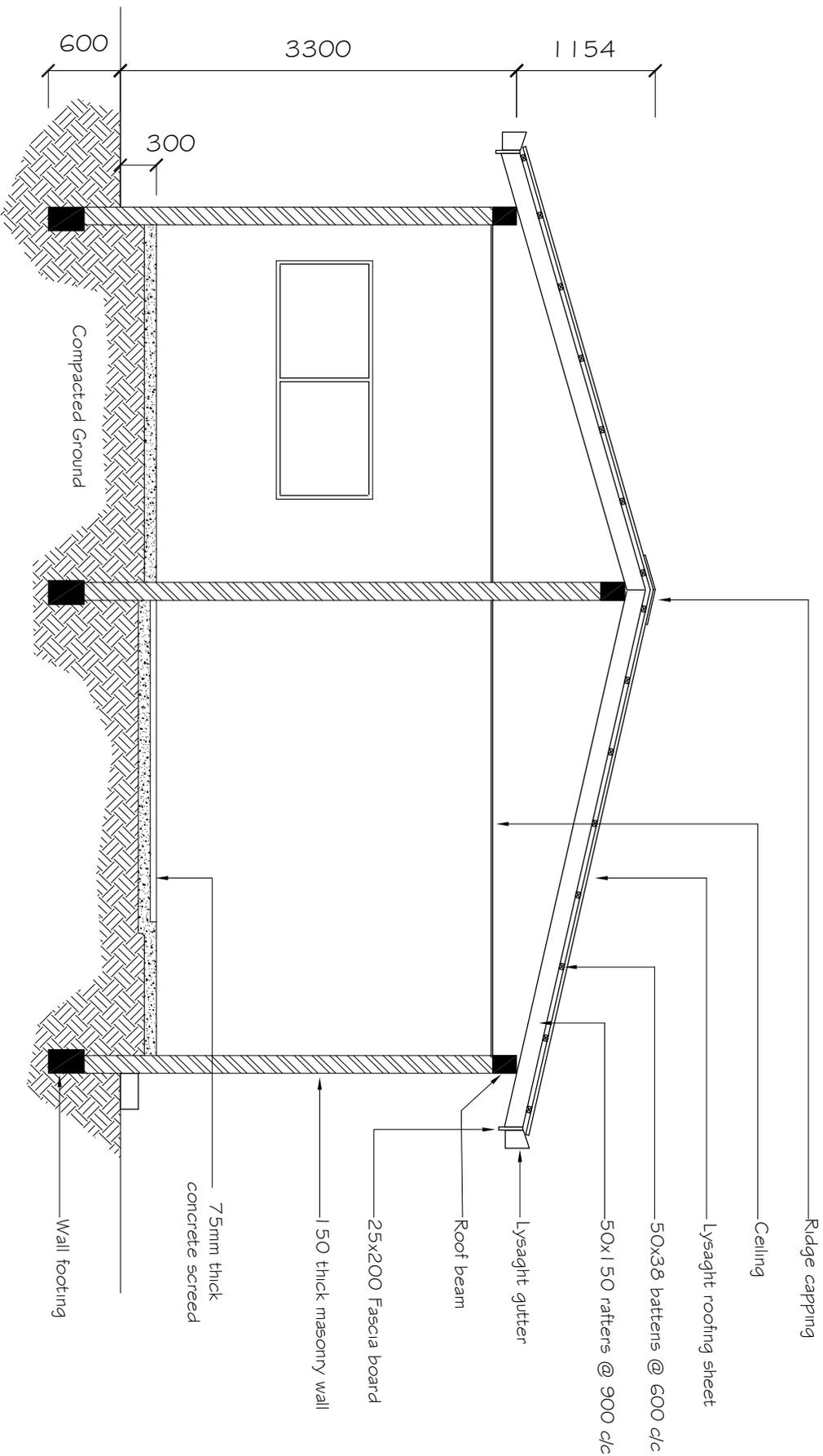
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 I 4 ISLAND WATER SUPPLY PROJECT

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RO PLANT BUILDING
FRONT ELEVATION N. HOLHUDDHOO





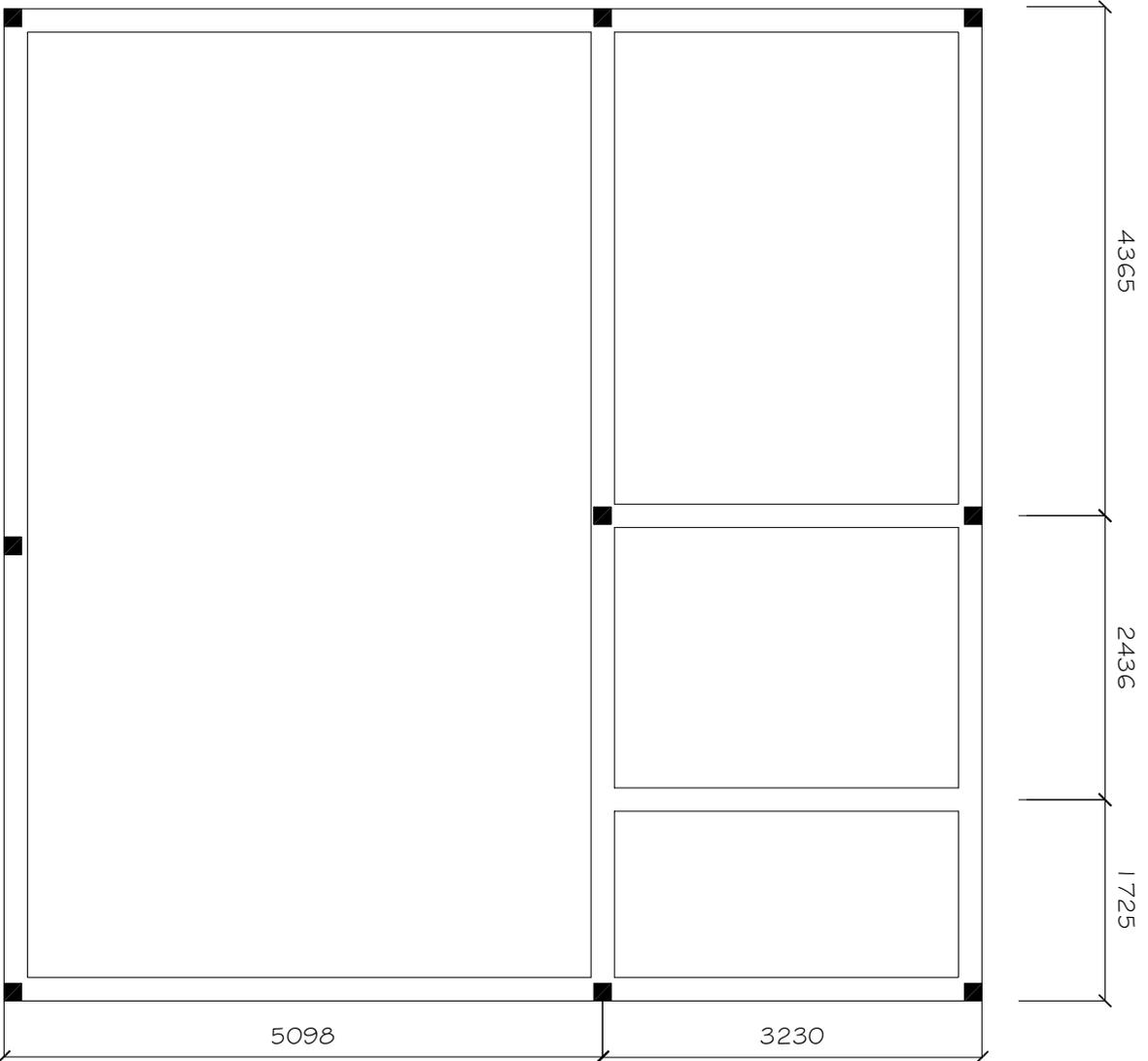
RO PLANT BUILDING
SECTION X-X N.HOLHUDDOO

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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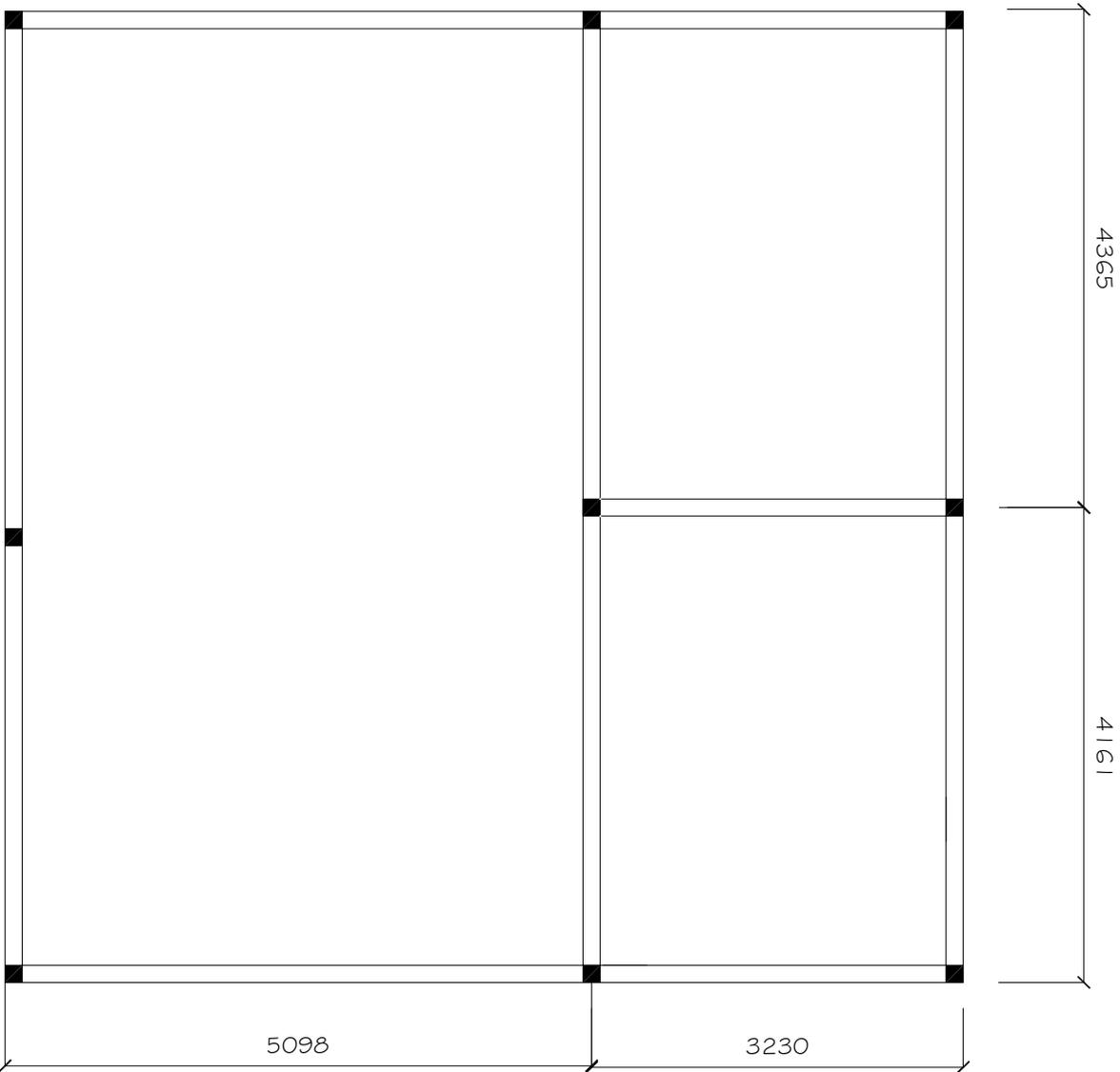
RO PLANT BUILDING
 WALL FOOTING PLAN N.HOLHUDDHOO

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

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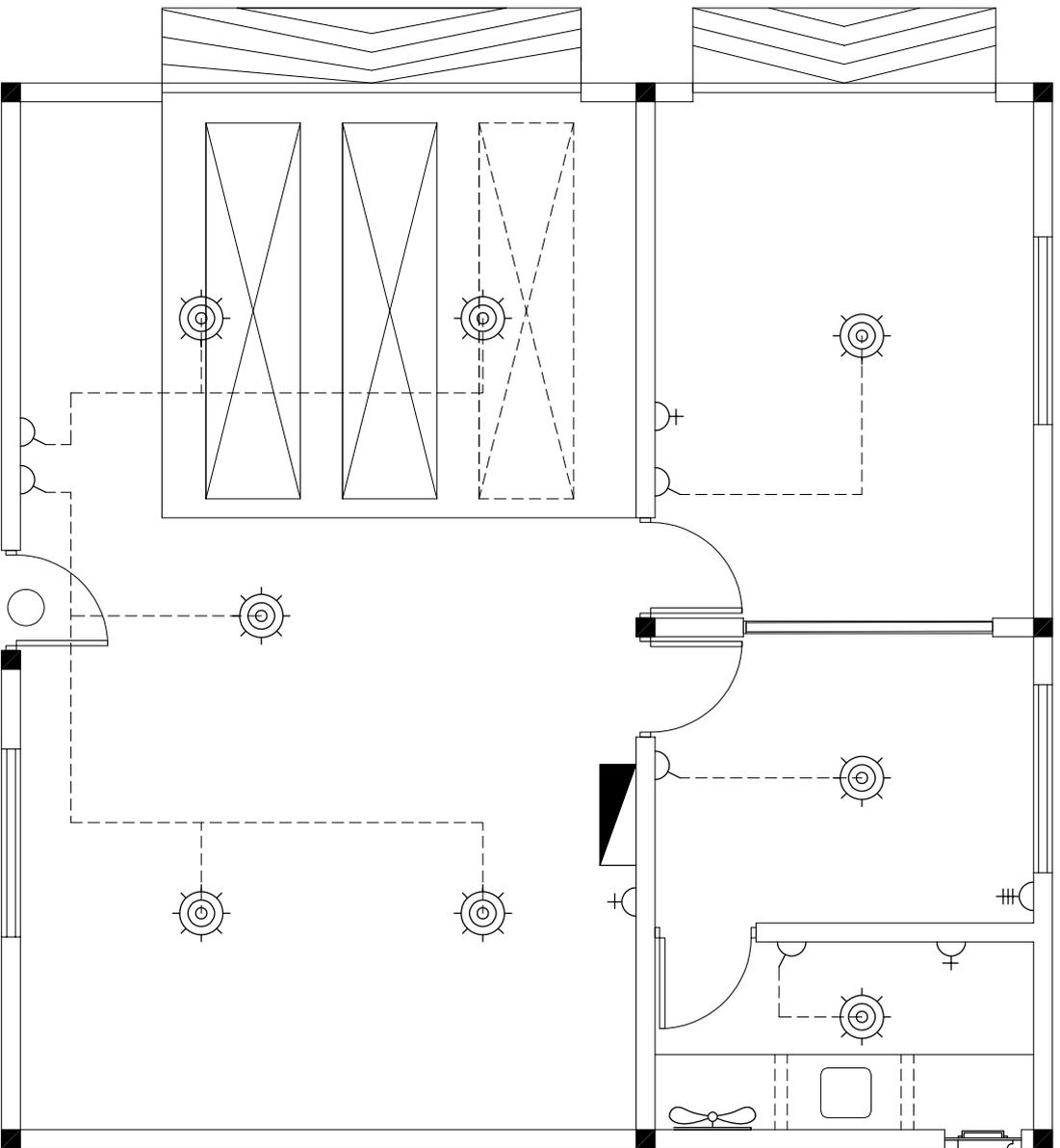
RO PLANT BUILDING
 ROOF BEAM PLAN N.HOLHUDDHOO

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PROJECT:
 I 4 ISLAND WATER SUPPLY PROJECT

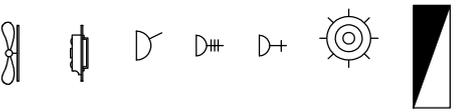
SCALE: AS SHOWN
 DATE: APR 2017

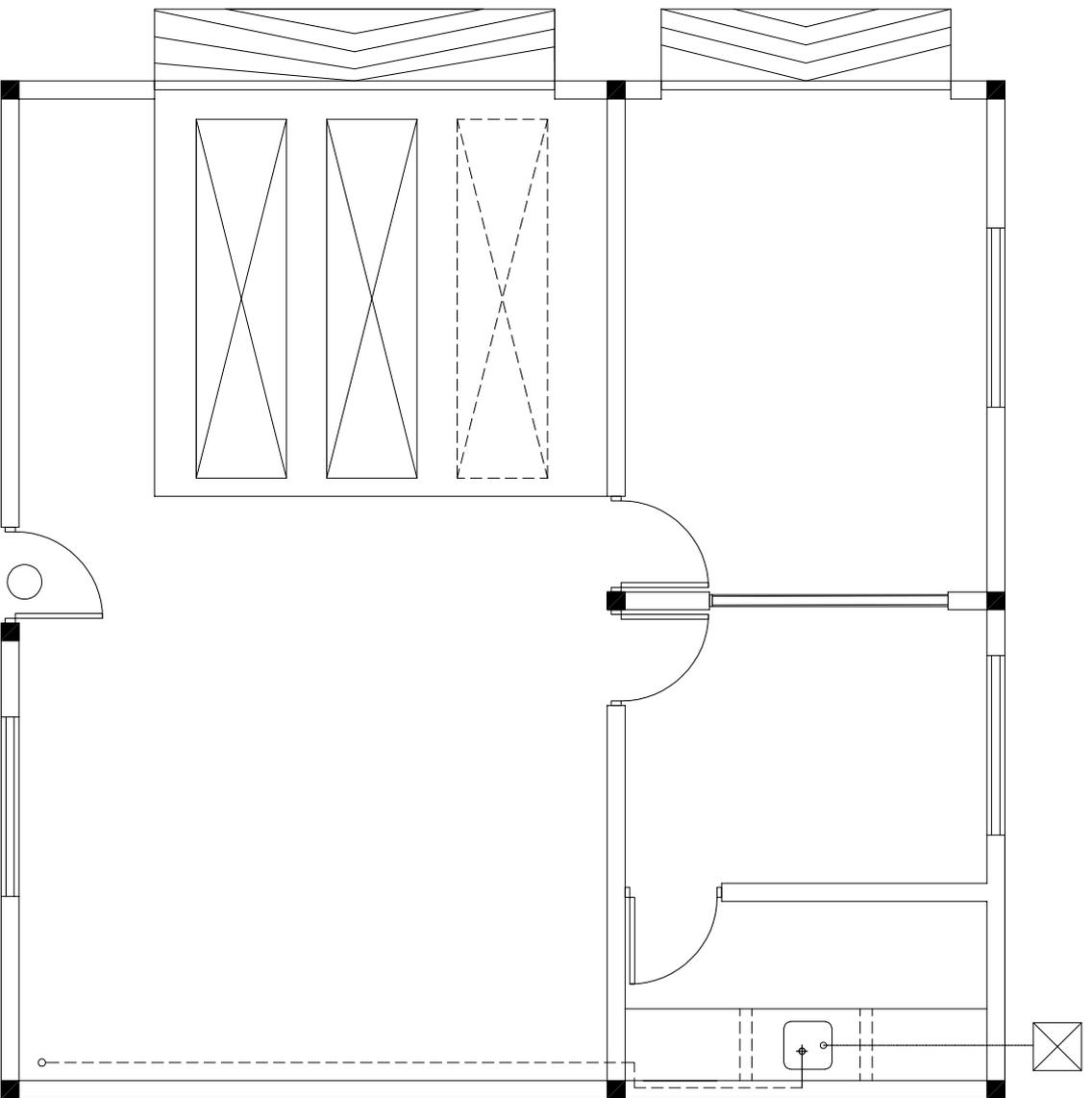




RO PLANT BUILDING
ELECTRICAL LAYOUT N.HOLHUDDHOO

- 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





⊕ — PVC Sink Tap

⊗ — Soak pit

----- 25mm PVC Pipe

————— 50mm PVC Train Pipe

RO PLANT BUILDING
PLUMBING LAYOUT N.HOLHUDDOO

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



COMMON DRAWINGS

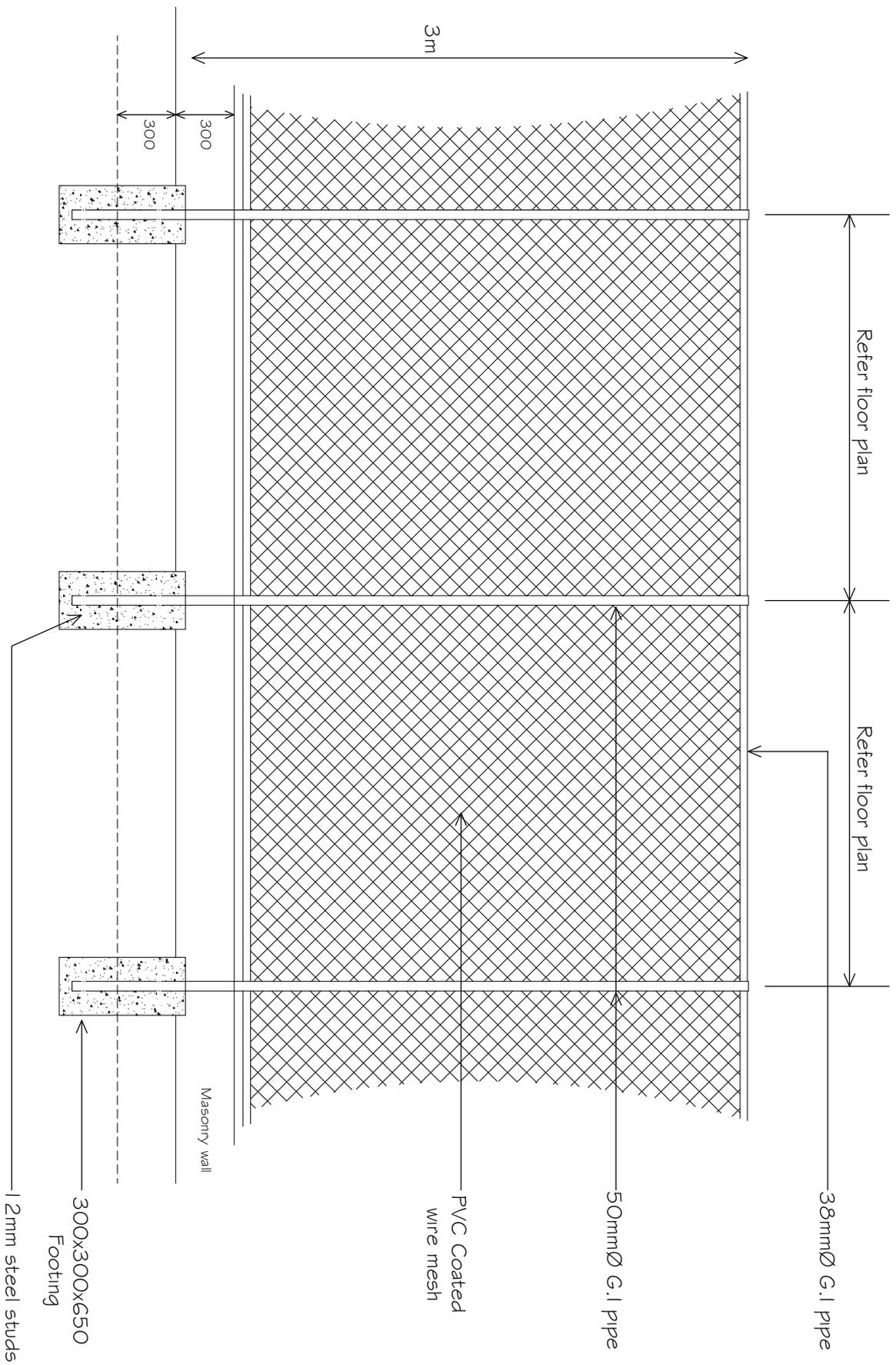
PROVISION OF WATER SUPPLY SANITATION AND SOLID
WASTE MANAGEMENT PROJECT
OPEC FUND FOR INTERNATIONAL DEVELOPMENT

PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: MAR 2017



RO PLANT SITE PERIMETER FENCE

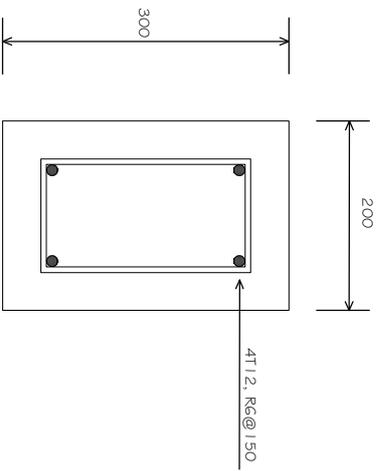


PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT
OPEC FUND FOR INTERNATIONAL DEVELOPMENT

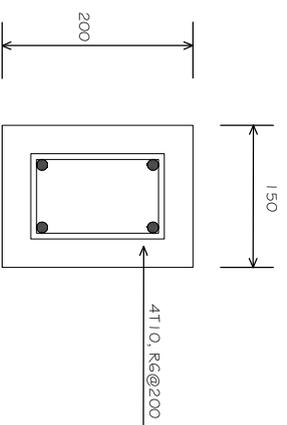
PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: MAR 2017

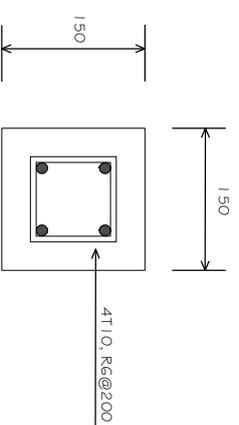




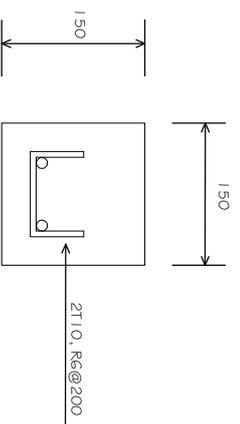
WALL FOOTING



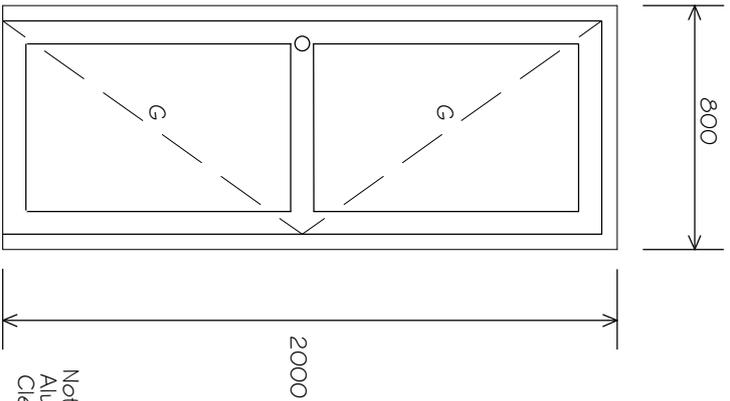
ROOF BEAM



STIFFENER COLUMN

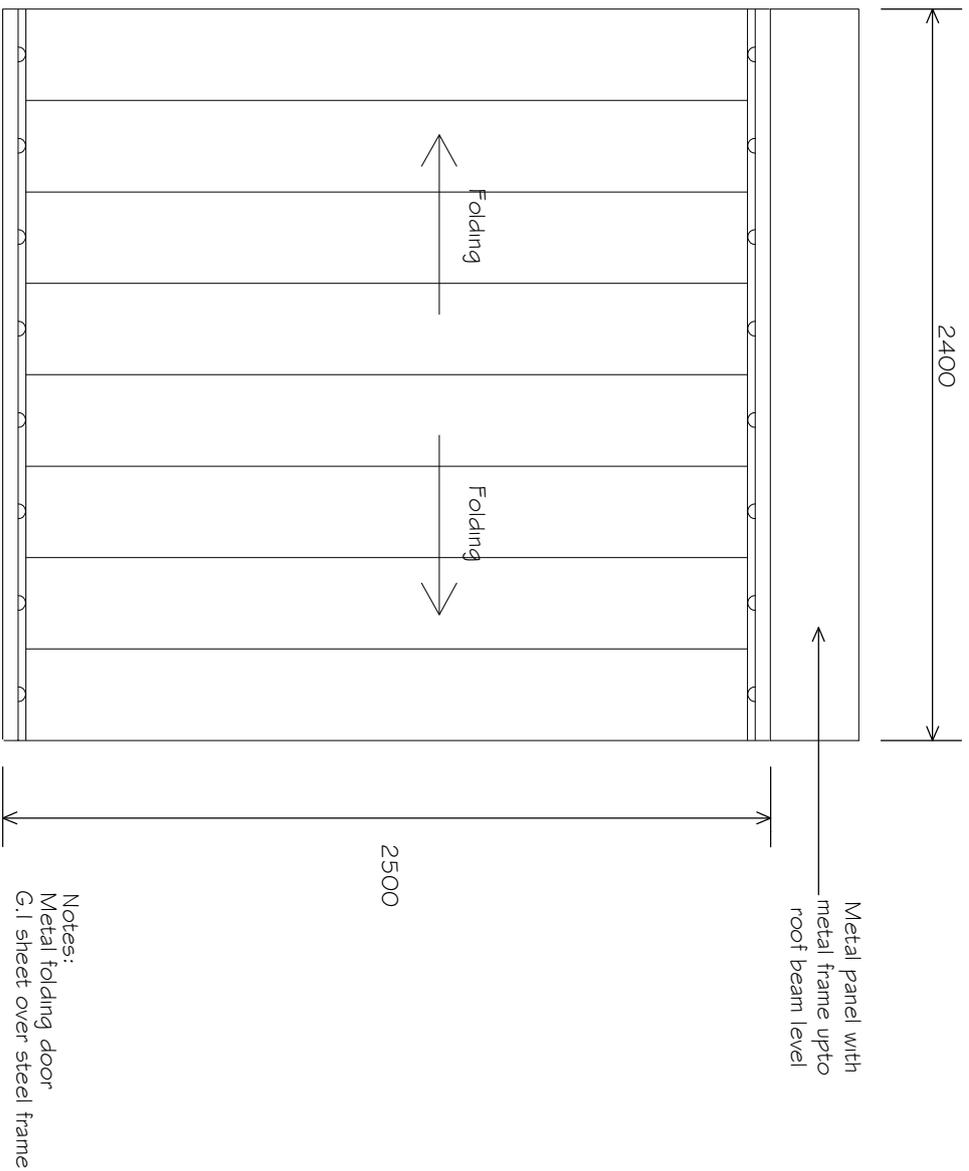


LINTEL BEAM



Notes:
 Aluminum Door & Door frame
 Clear glass panel

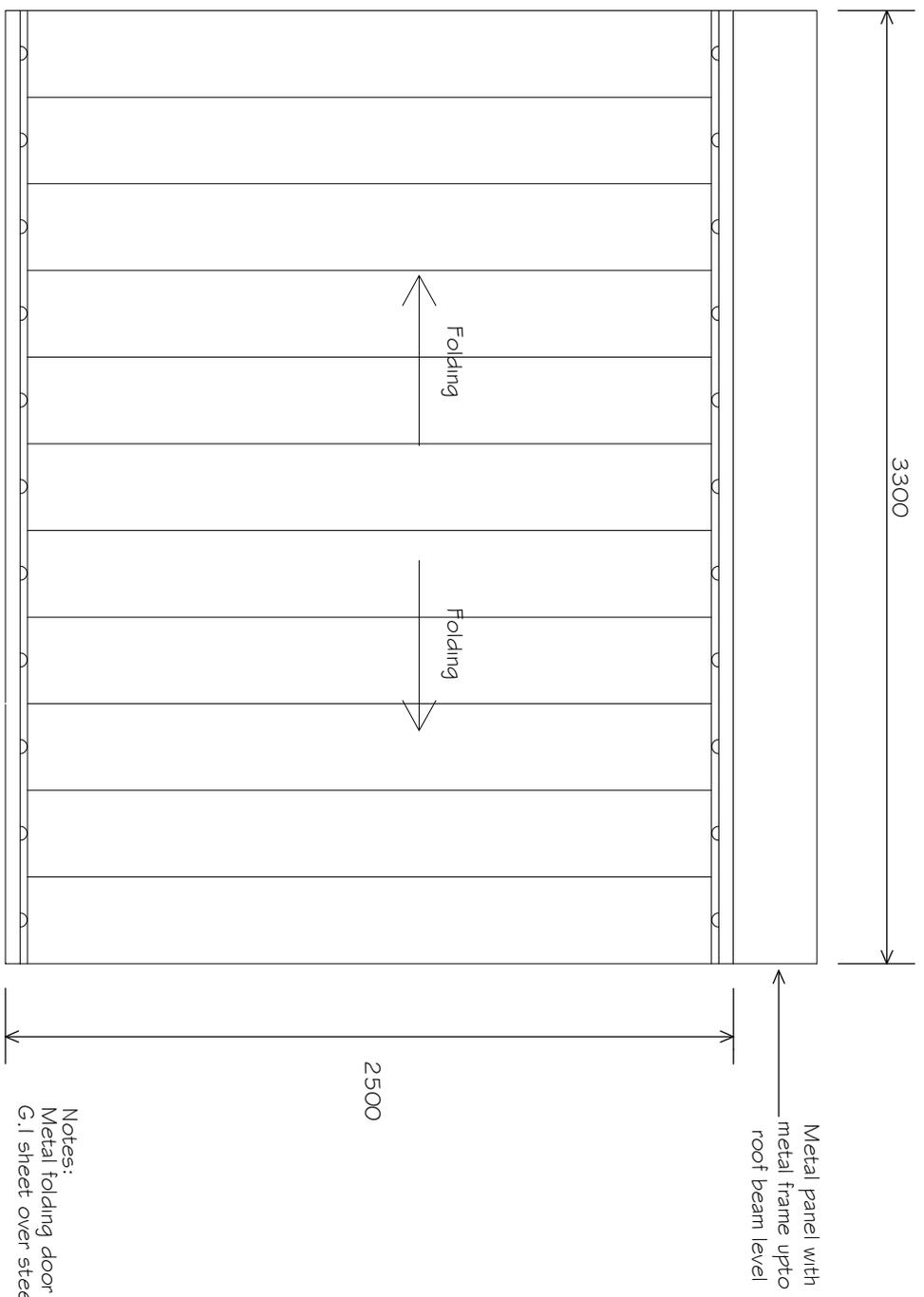
DOOR D1



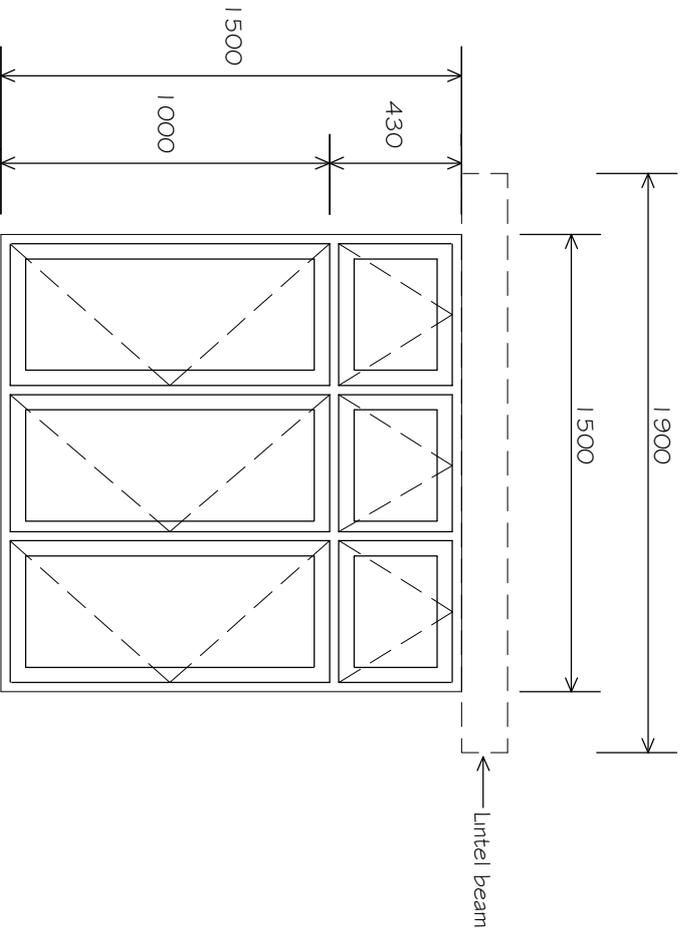
Notes:
 Metal folding door
 G.I. sheet over steel frame

DOOR R1

DOOR R2

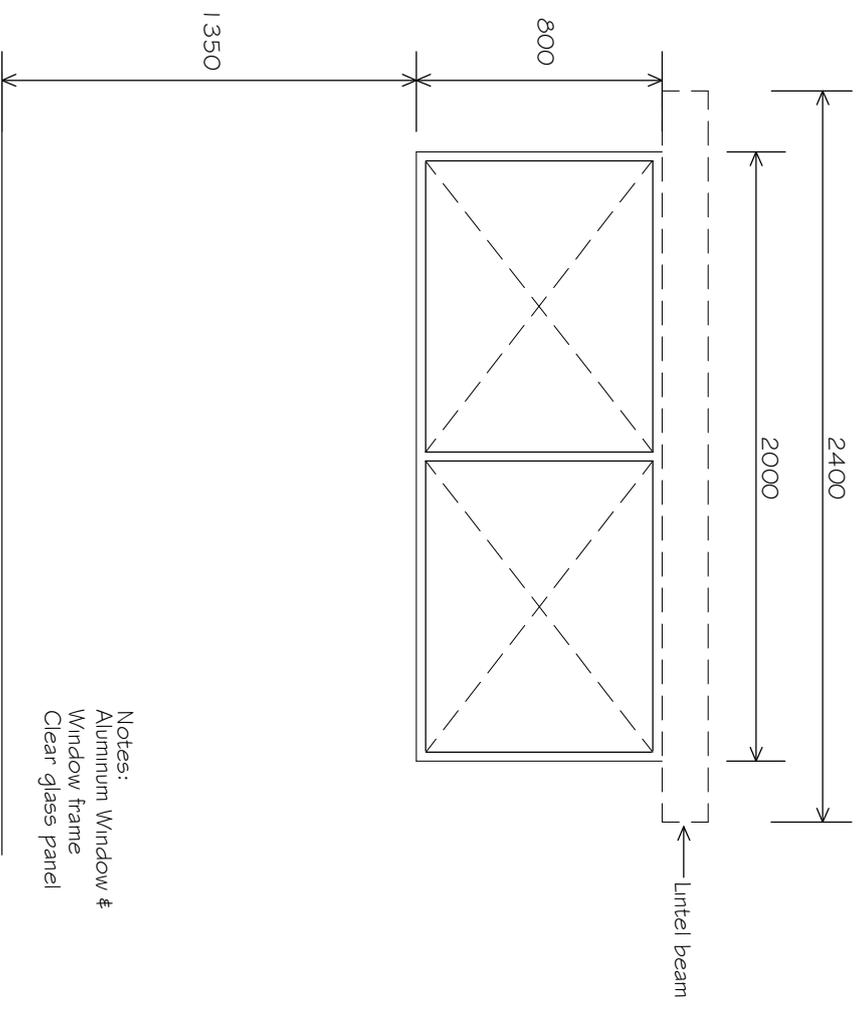


Notes:
Metal folding door
G.I sheet over steel frame



Notes:
 Aluminum Window #
 Window frame
 Clear glass panel

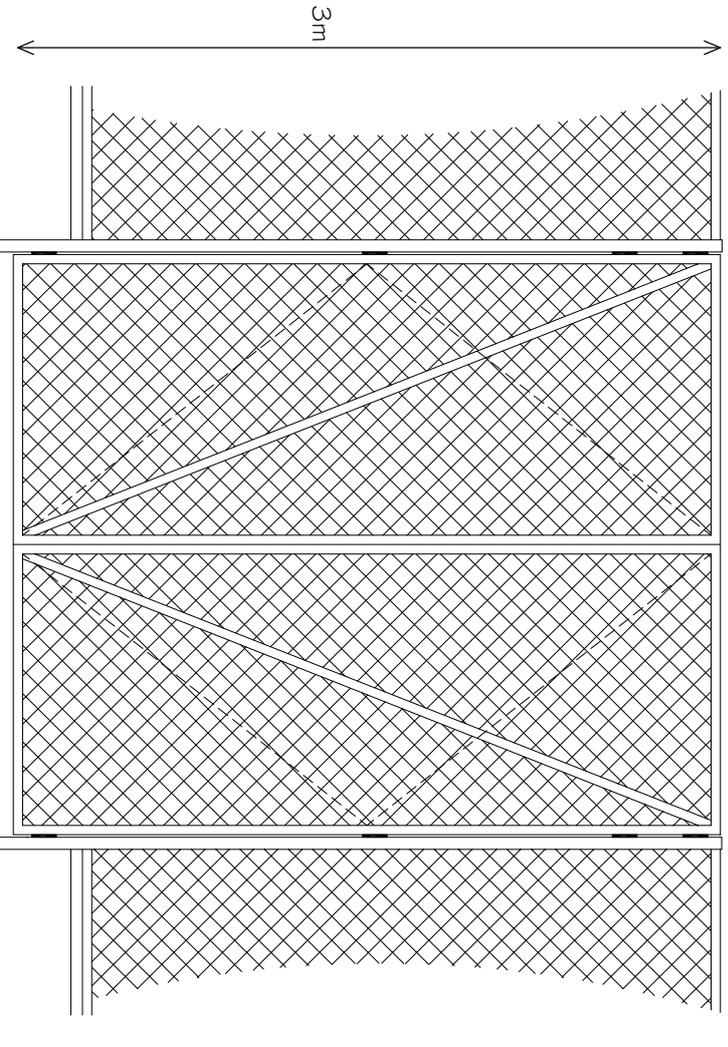
WINDOW W1



Notes:
 Aluminum Window #
 Window frame
 Clear glass panel

WINDOW W2

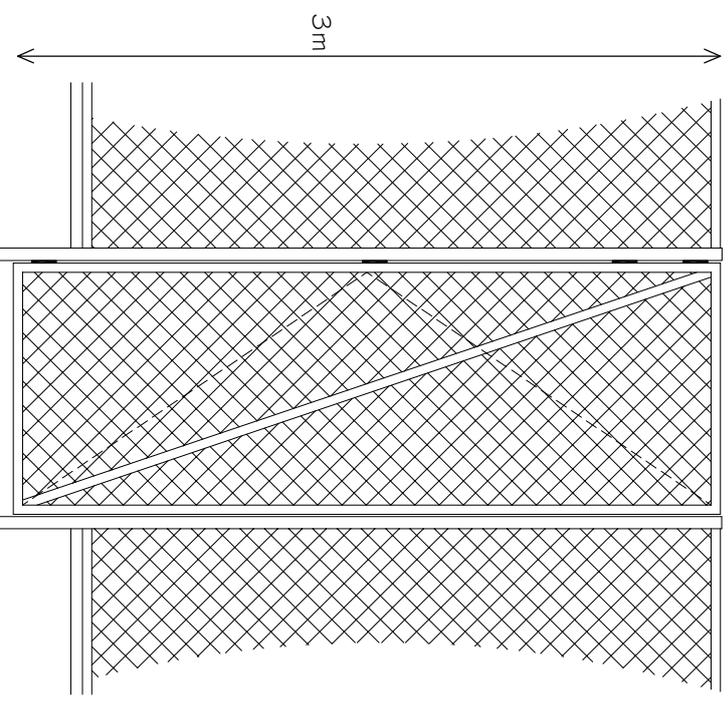
2400



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

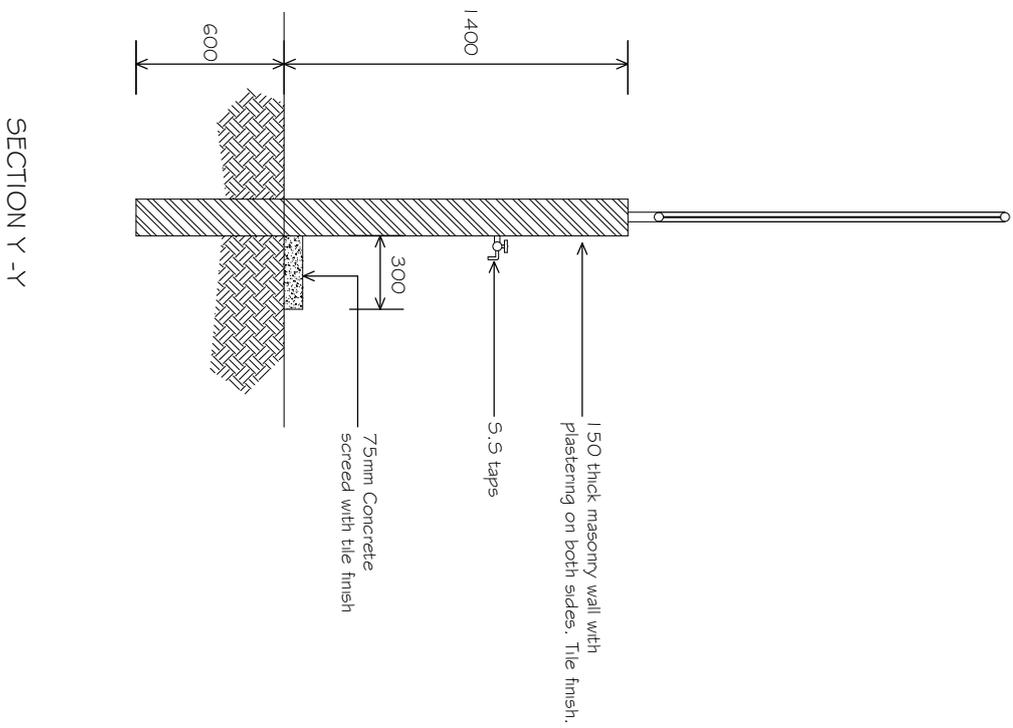
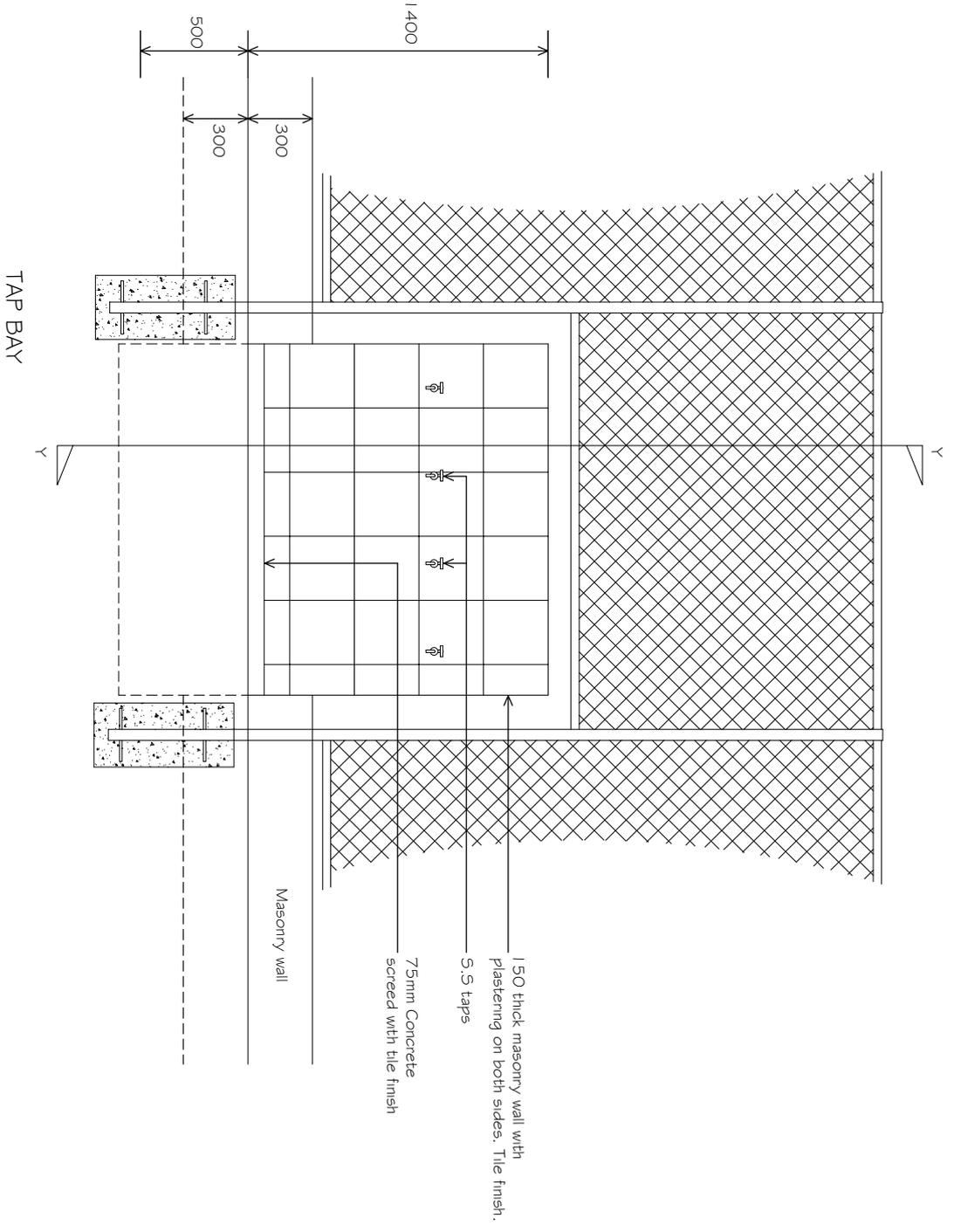
DOOR G1

1050

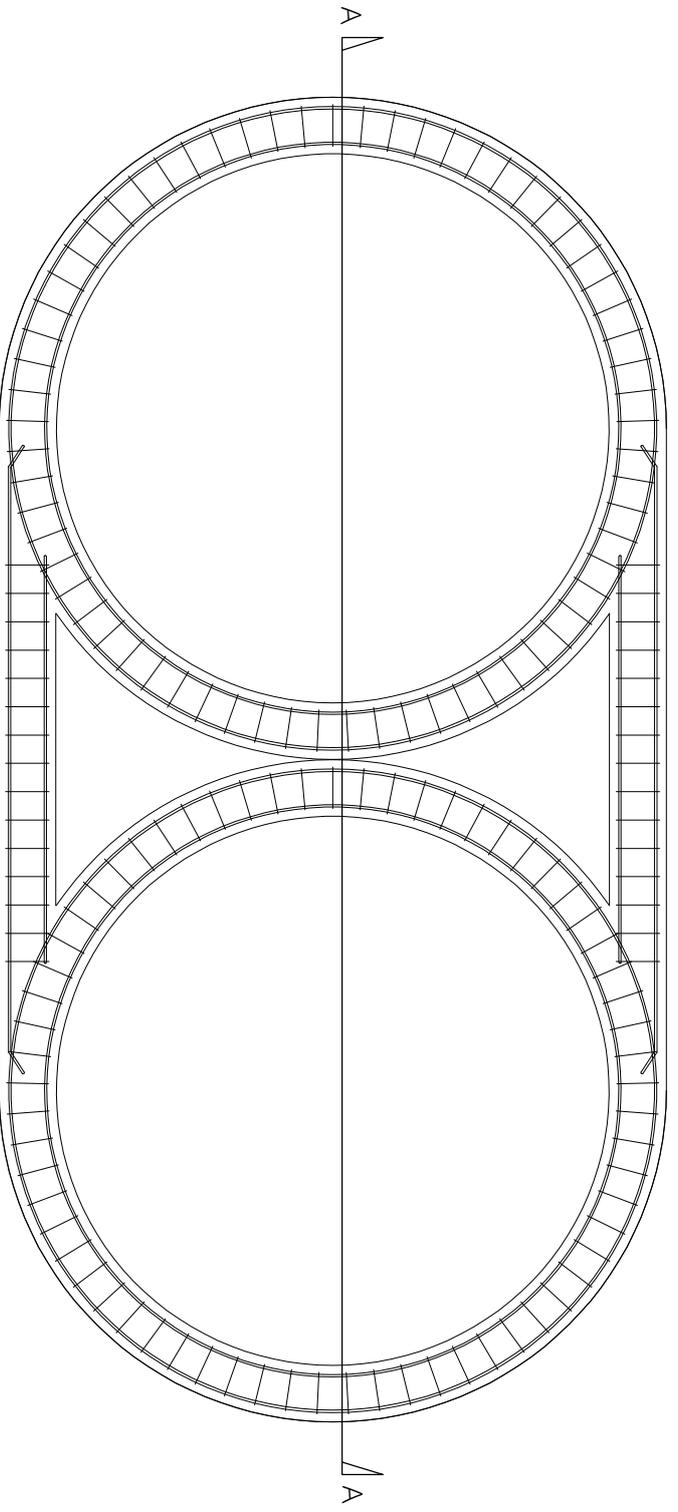


Notes:
Door made from 38mmØ G.I Pipe
Door covered with PVC coated wire mesh
Hinges and locking mechanism to be provided

DOOR G2



7000



3500

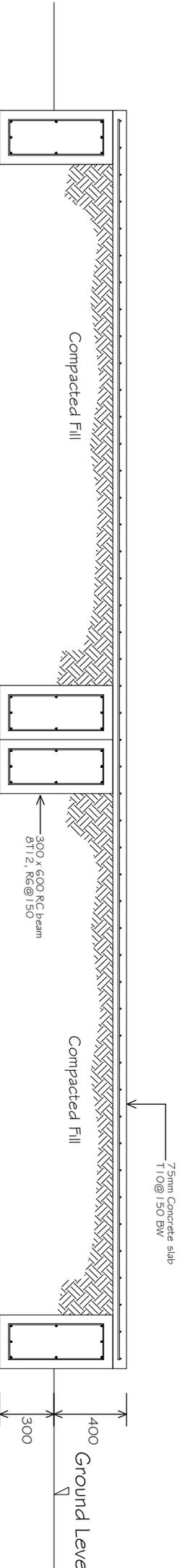
STORAGE TANK FOUNDATION
PLAN

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

PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: MAR 2017





STORAGE TANK FOUNDATION
SECTION A-A

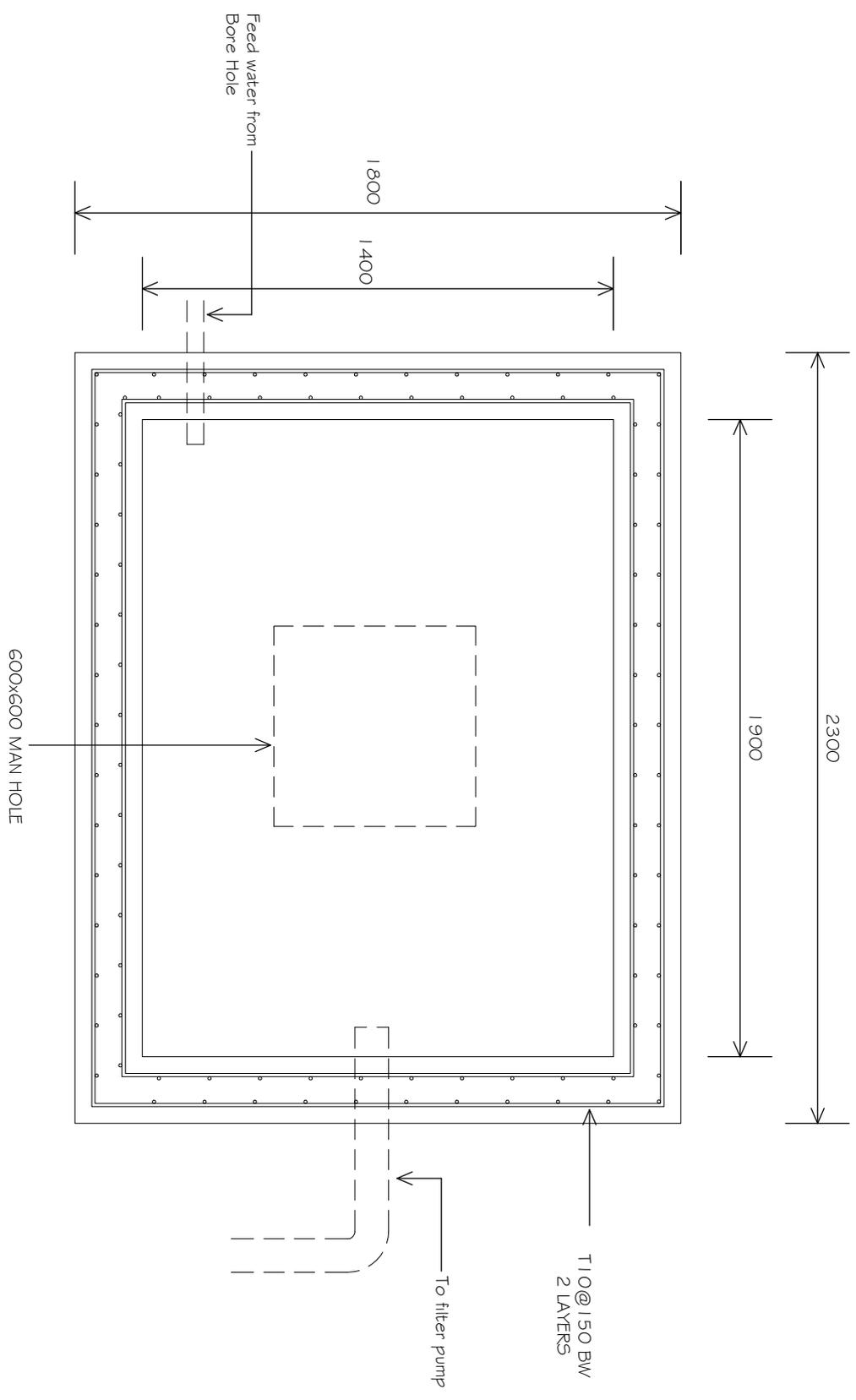
PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT
OPEC FUND FOR INTERNATIONAL DEVELOPMENT

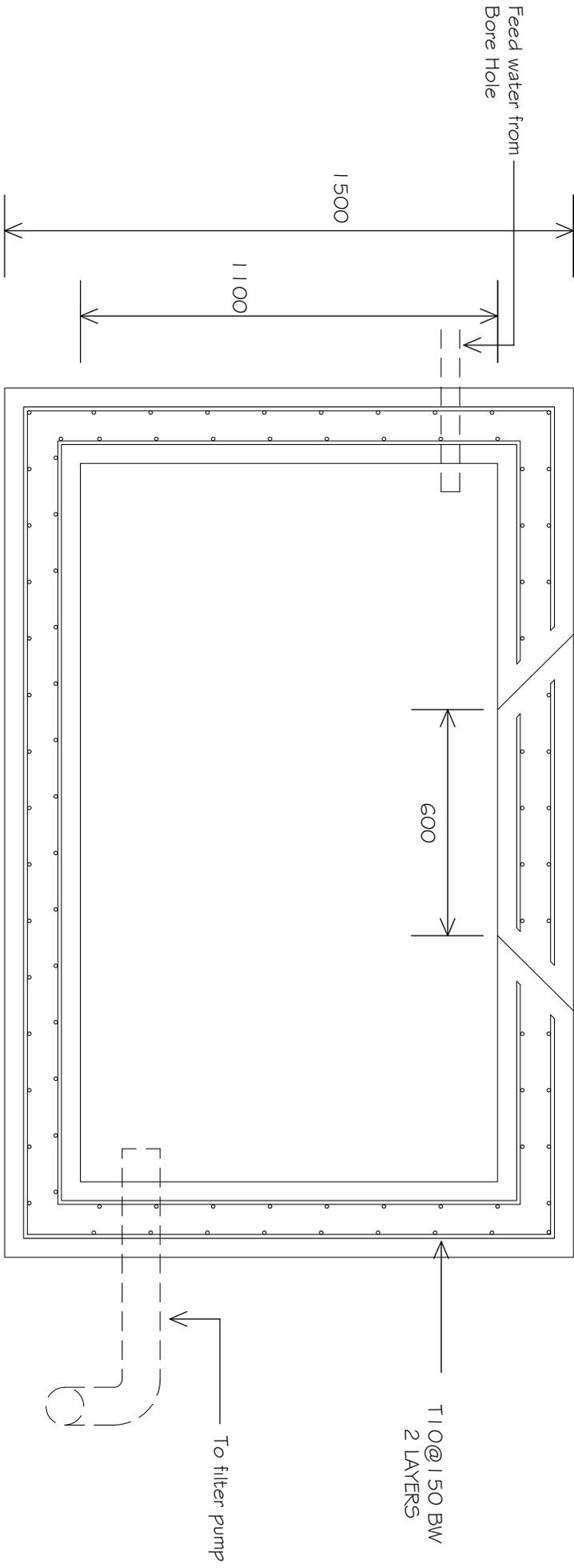
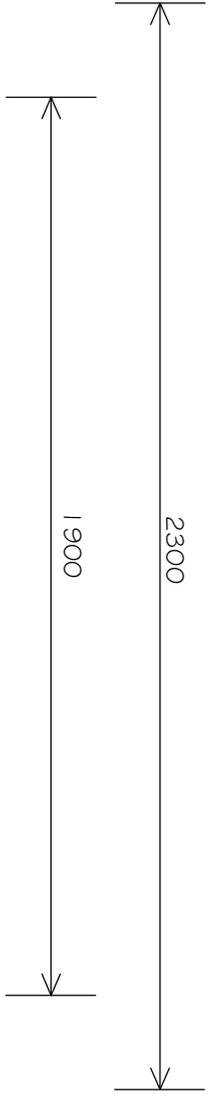
PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: MAR 2017



FEED WATER TANK
PLAN





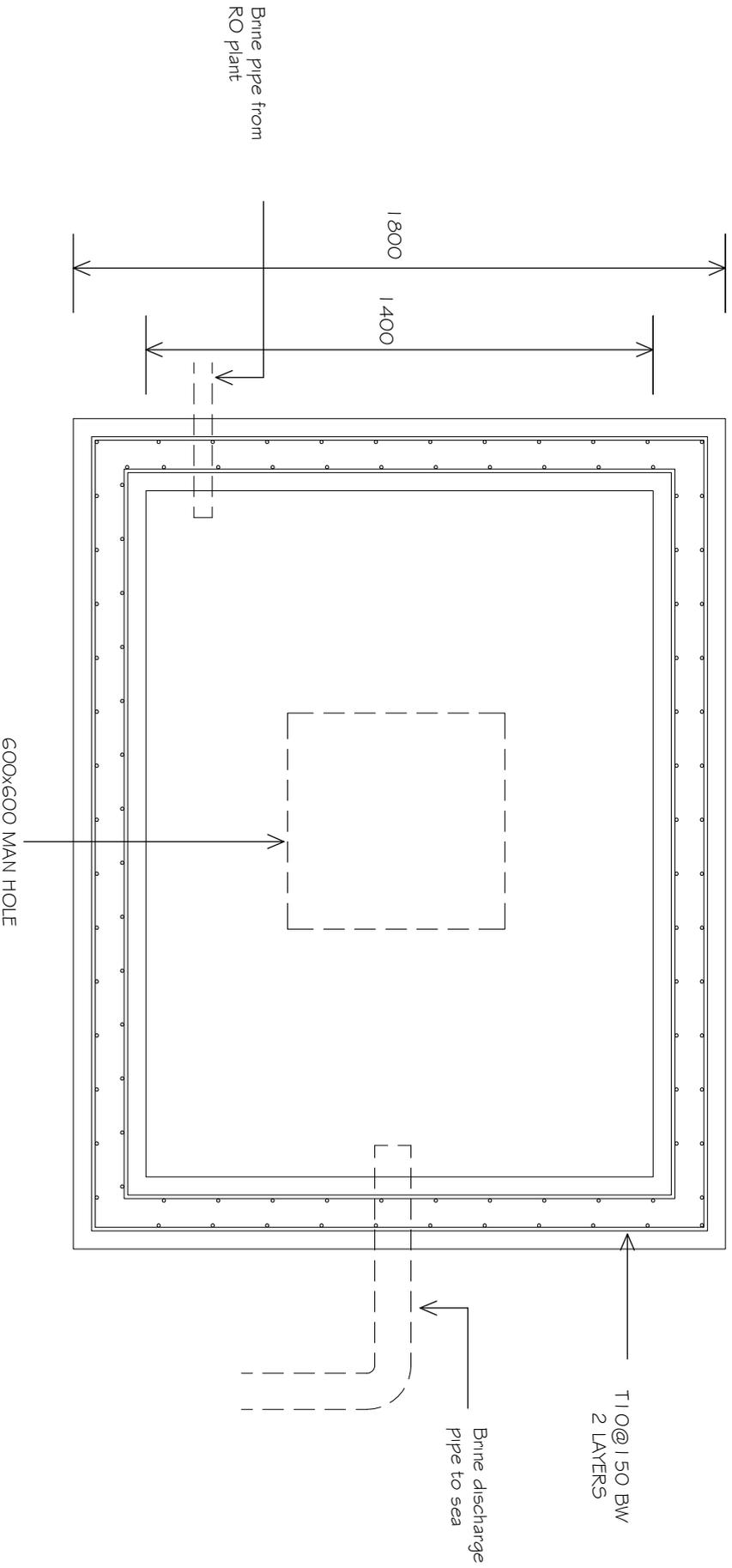
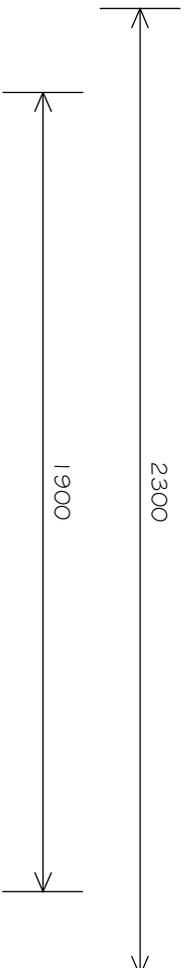
FEED WATER TANK
SECTION

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





REJECT WATER TANK
PLAN

600X600 MAN HOLE

Brine pipe from
RO plant

1800

1400

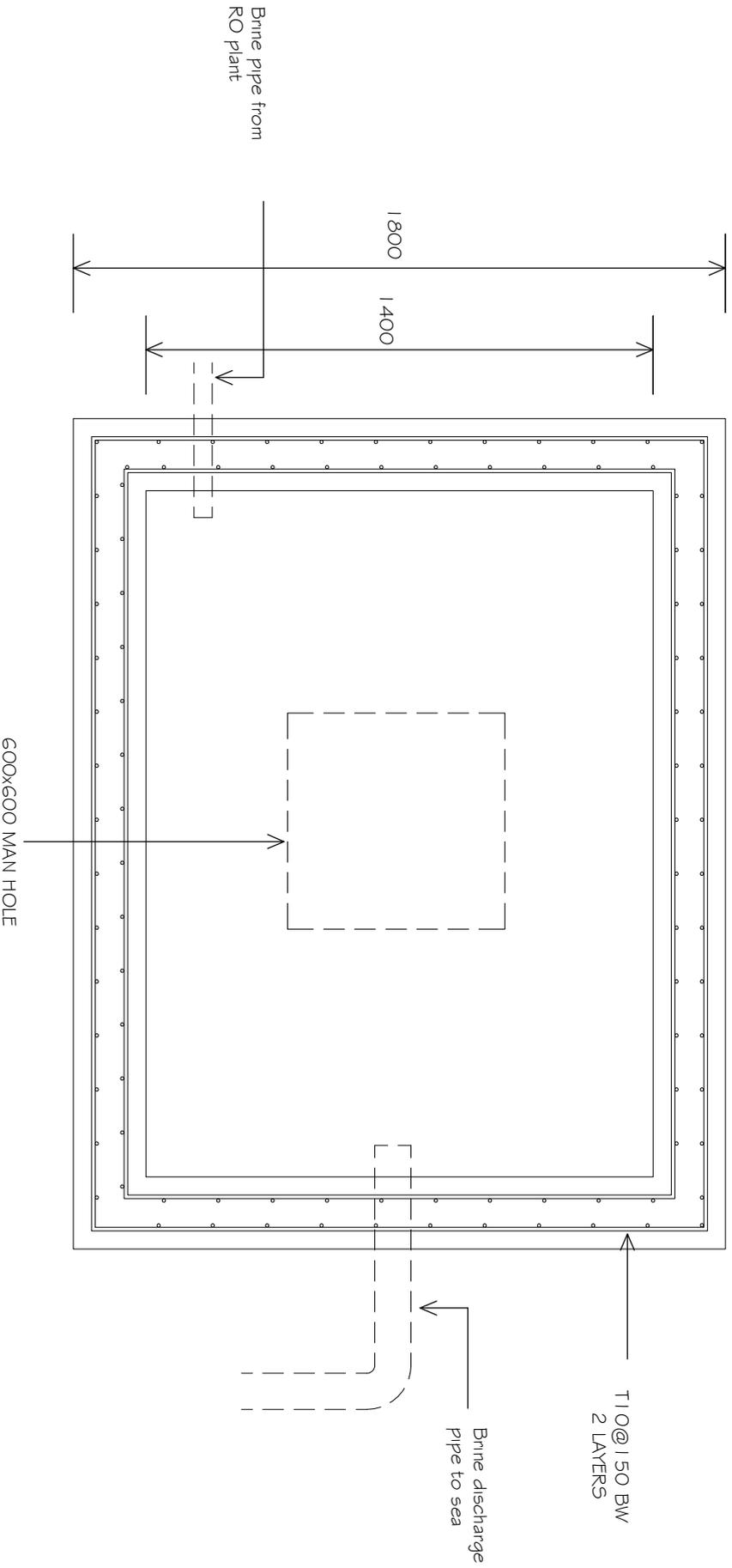
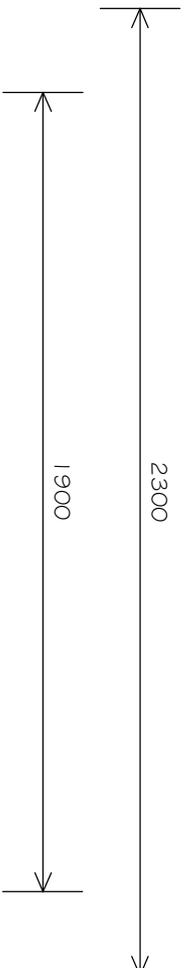
2300

1900

T100@150 BW
2 LAYERS

Brine discharge
pipe to sea





REJECT WATER TANK
PLAN

600X600 MAN HOLE

Brine pipe from
RO plant

1800

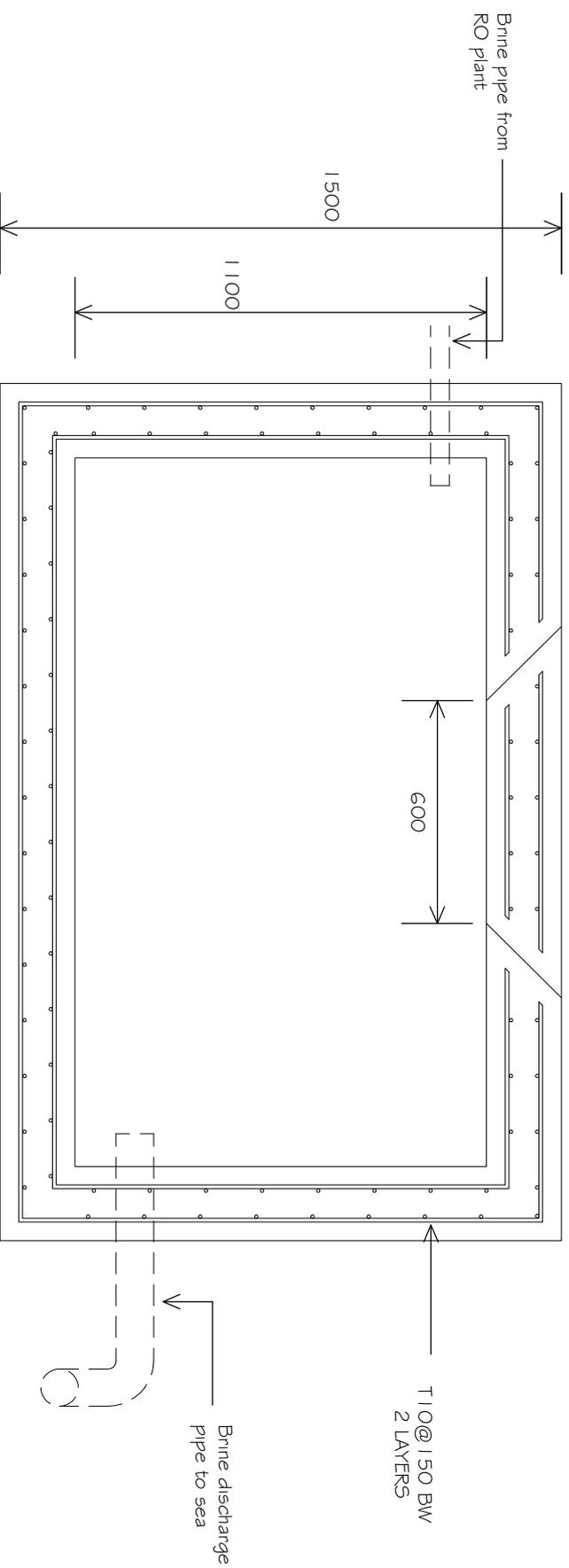
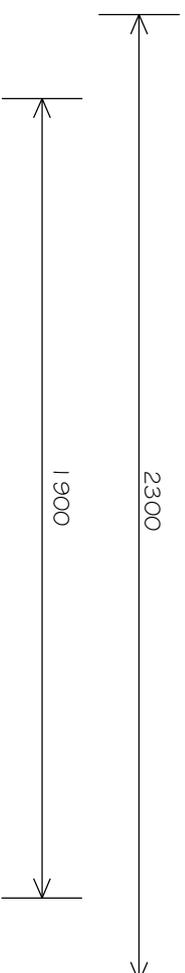
1400

2300

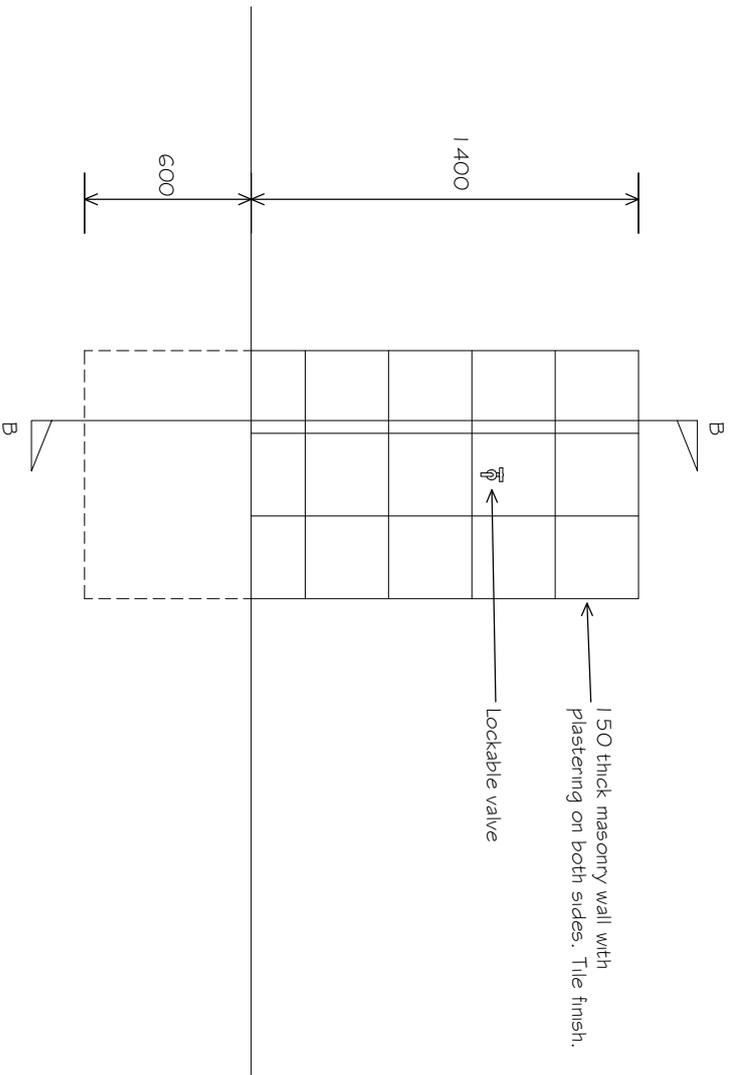
1900

T100@150 BW
2 LAYERS

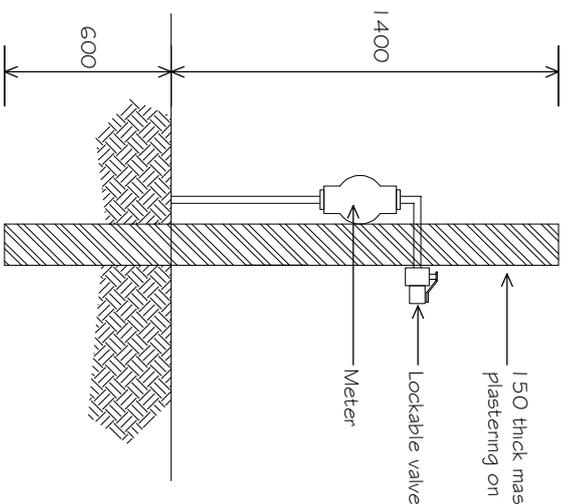
Brine discharge
pipe to sea



REJECT WATER TANK
SECTION



HARBOUR KIOSK



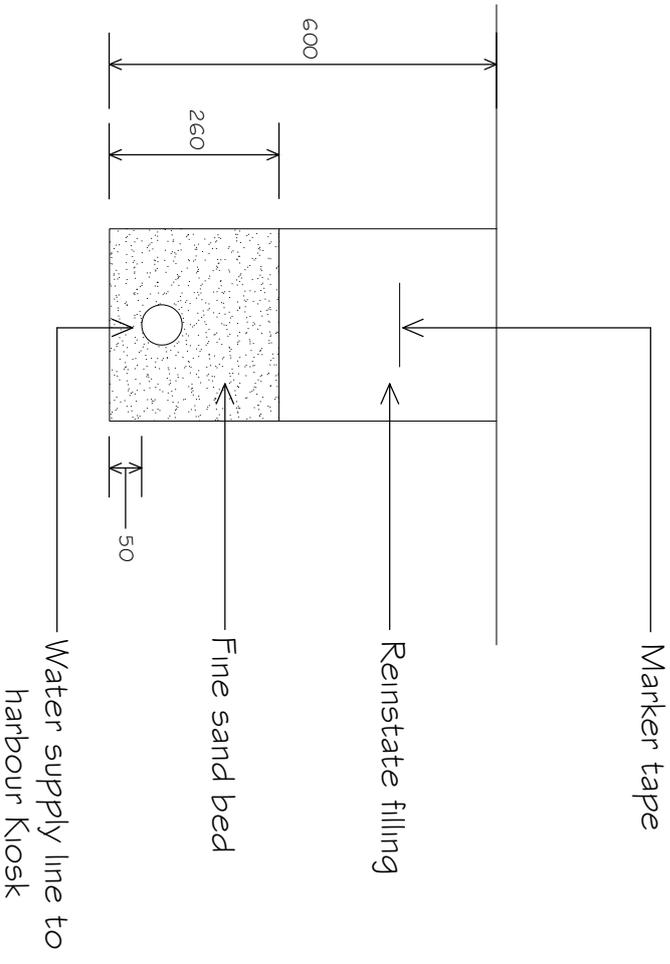
HARBOUR KIOSK
SECTION B - B

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

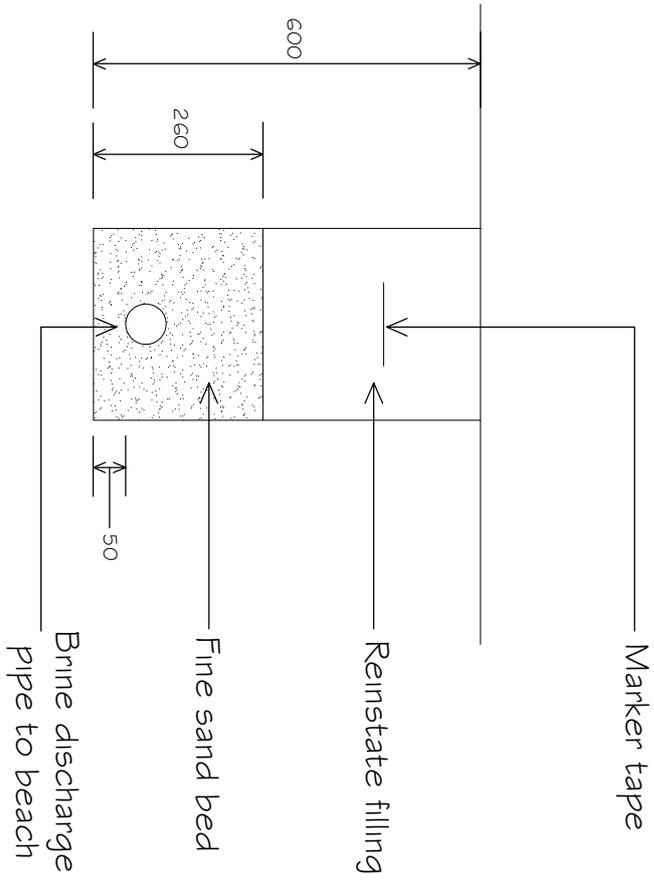
PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: MAR 2017

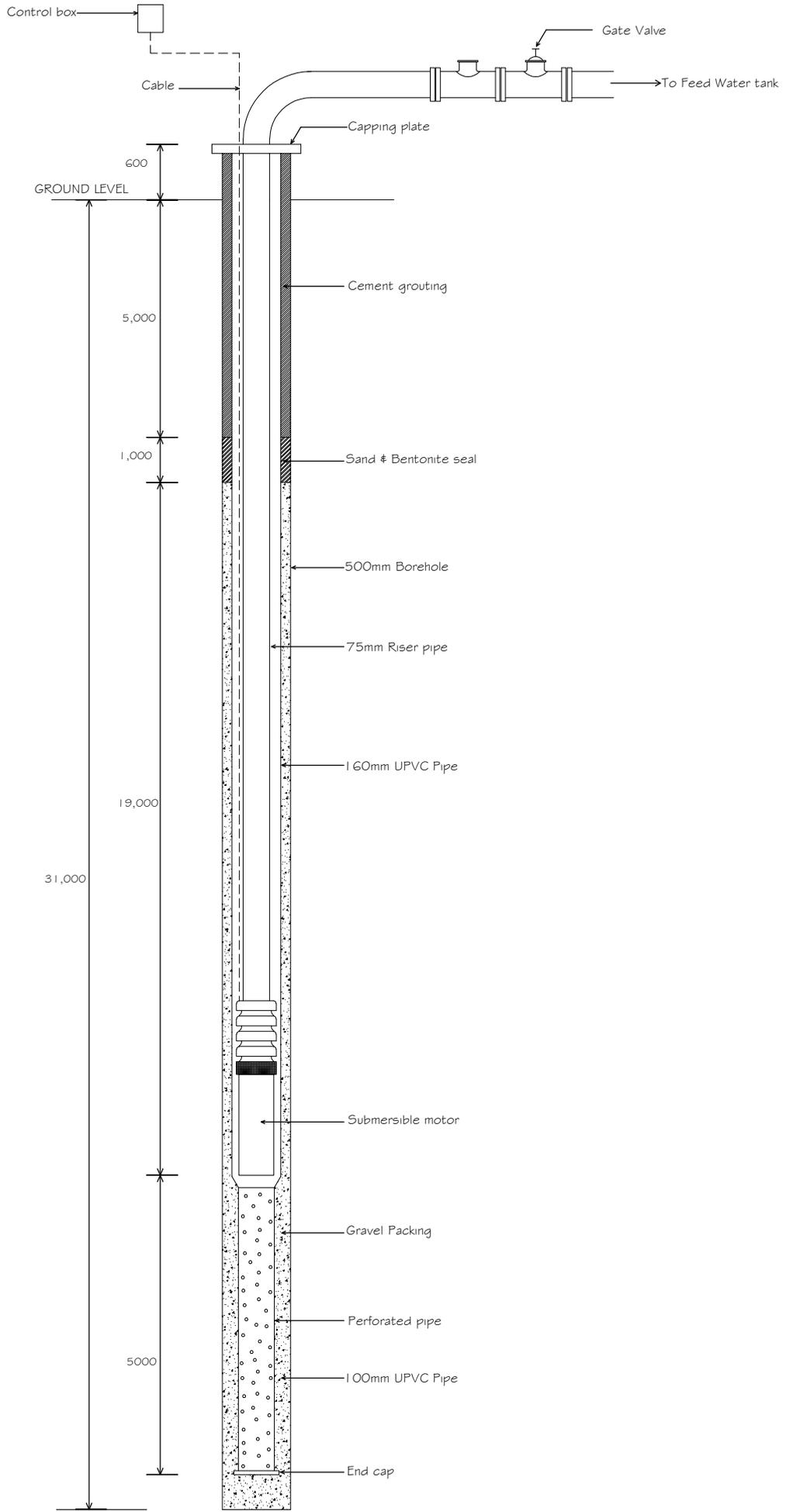




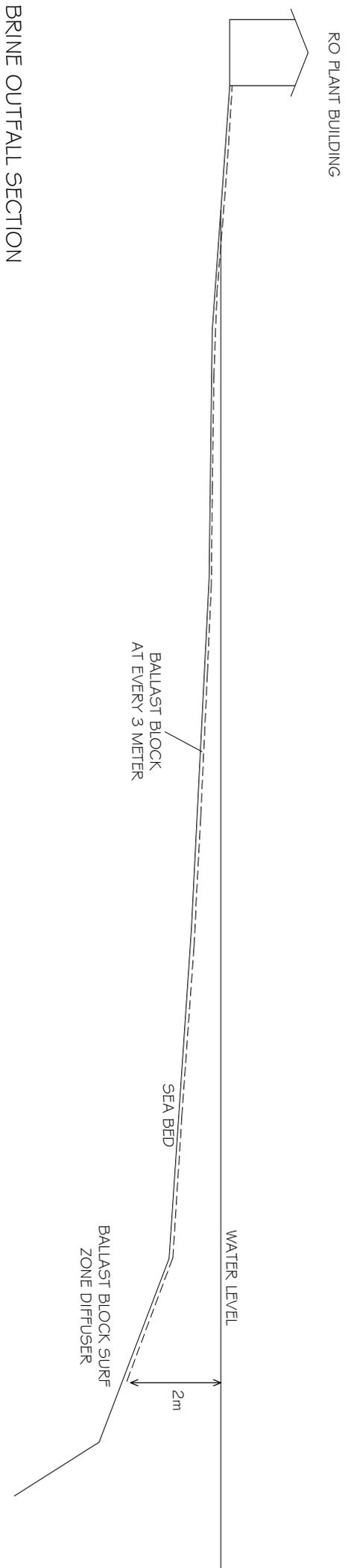
PIPE TRENCH DETAIL FOR HARBOUR KIOSK



PIPE TRENCH DETAIL FOR BRINE DISCHARGE PIPE



BORE WELL DETAIL



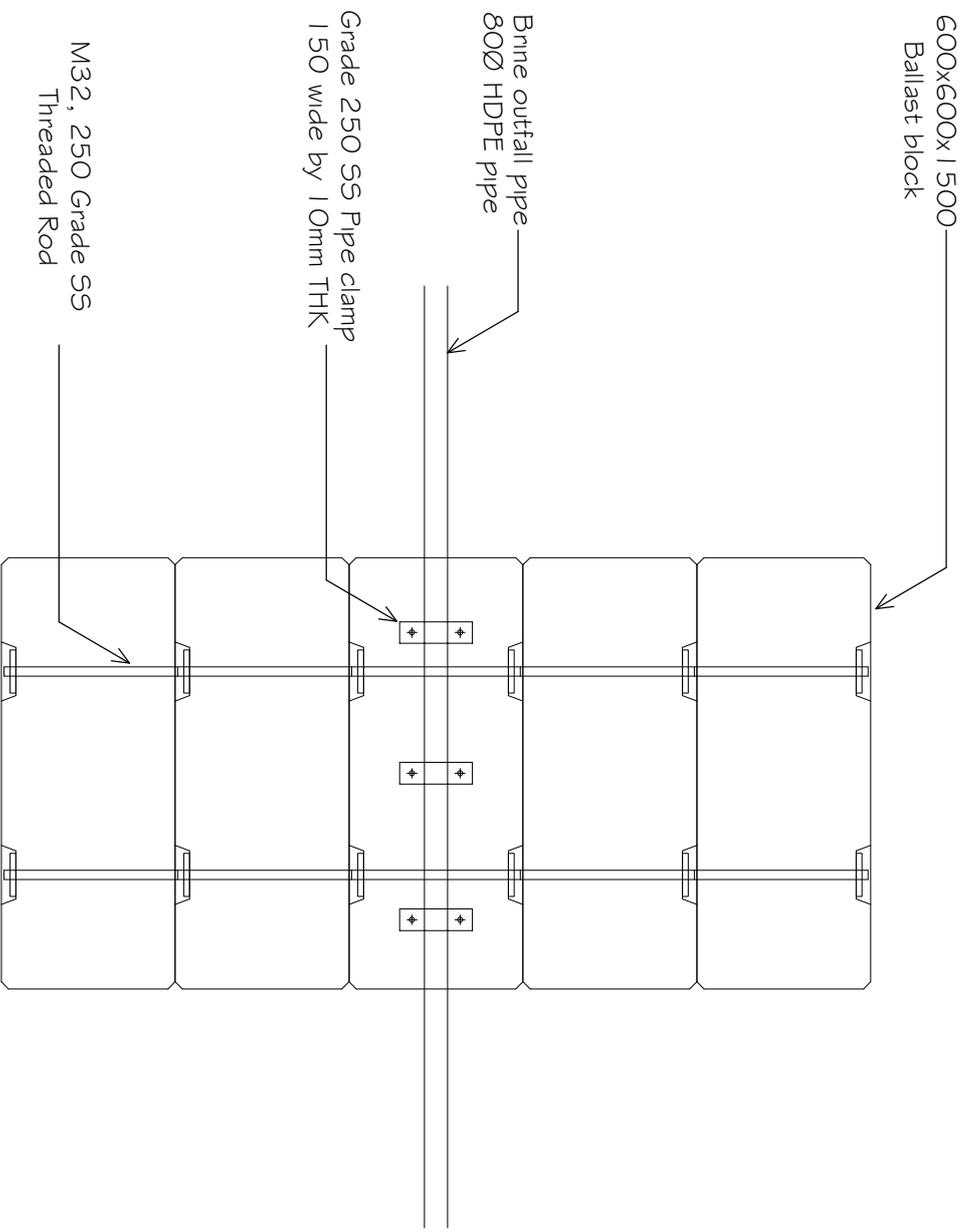
BRINE OUTFALL SECTION

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

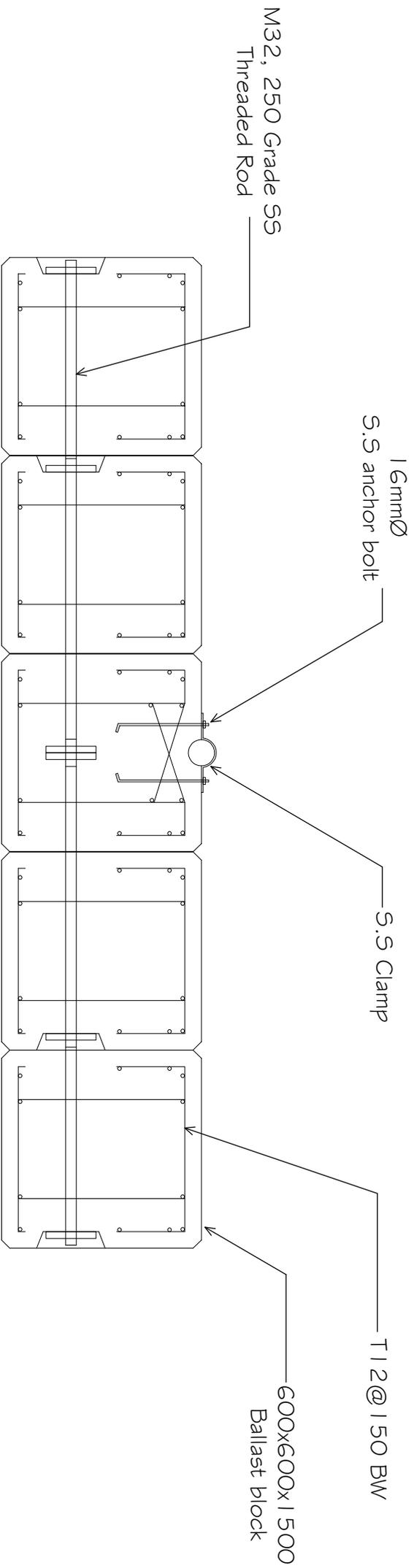
PROJECT:
 I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
 DATE: MAR 2017

SOLID WASTE MANAGEMENT COMPONENT
 MINISTRY OF ENVIRONMENT AND ENERGY
 NATIONAL CENTER FOR SOLID WASTE MANAGEMENT
 RIYADH, SAUDI ARABIA



BALLAST BLOCK - PLAN
SURF ZONE DIFFUSER



BALLAST BLOCK - SECTION
SURF ZONE DIFFUSER

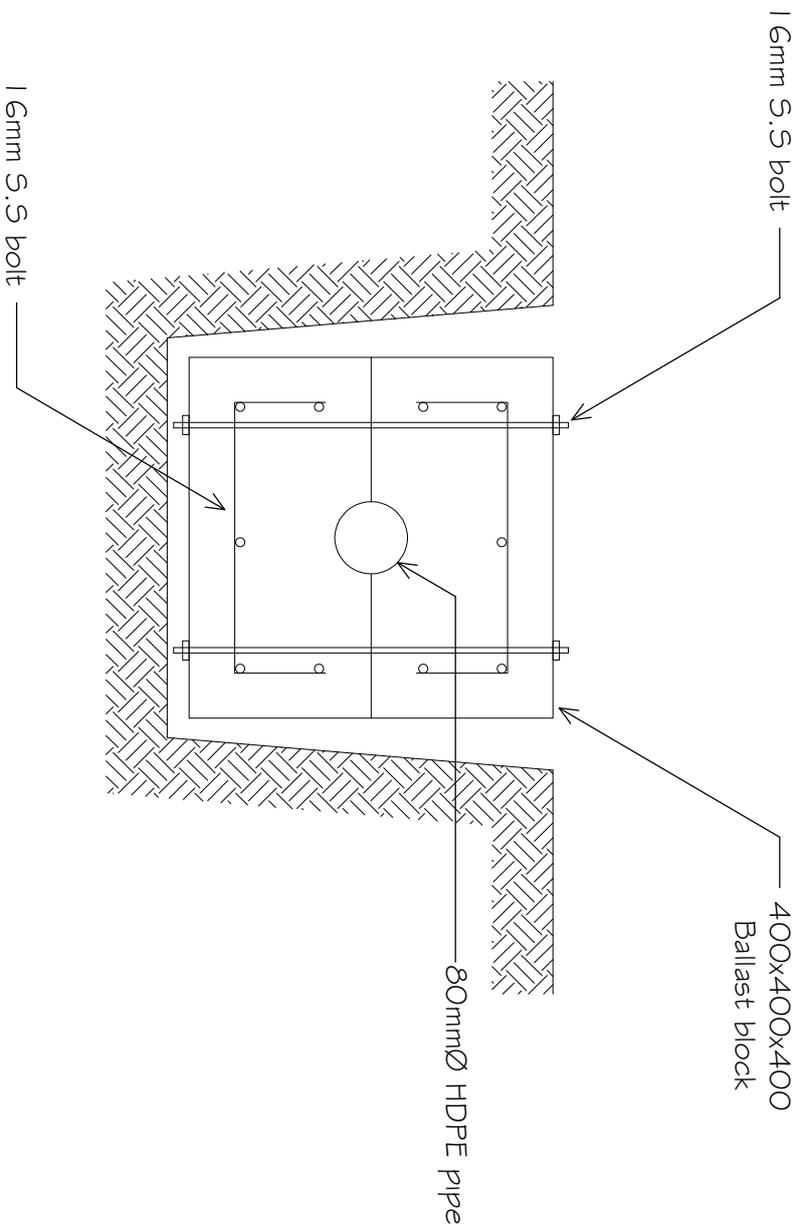
PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT
OPEC FUND FOR INTERNATIONAL DEVELOPMENT

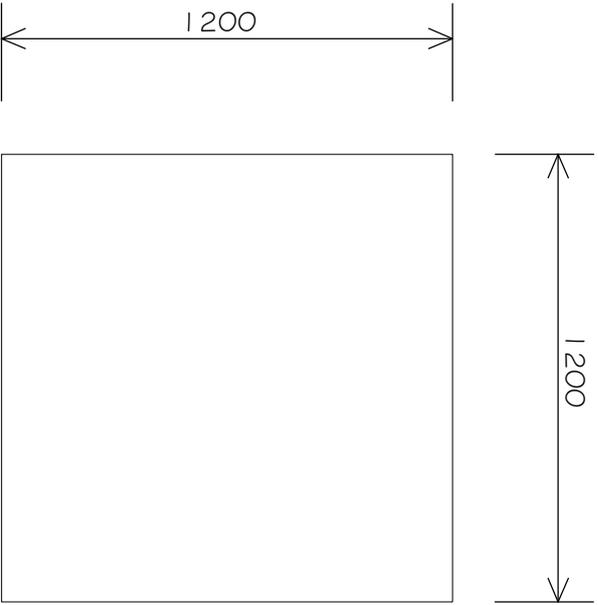
PROJECT:
1-4 ISLAND WATER SUPPLY PROJECT

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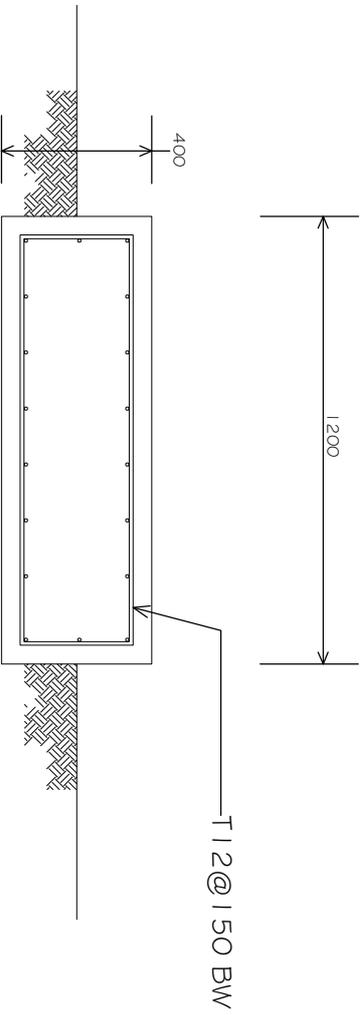
SOLID WASTE MANAGEMENT COMPONENT
MINISTRY OF ENVIRONMENT AND CLIMATE
SOLID WASTE MANAGEMENT DIVISION
SOLID WASTE MANAGEMENT UNIT

BALLAST BLOCK NEARSHORE





BACKWASH TANK FOUNDATION
PLAN



BACKWASH TANK FOUNDATION
SECTION

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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SOLID WASTE MANAGEMENT COMPONENT
MINISTRY OF ENVIRONMENT AND CLIMATE
SCHOOL OF ARCHITECTURE
UNIVERSITY OF SAUDI ESTERNA