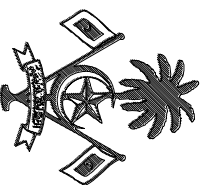


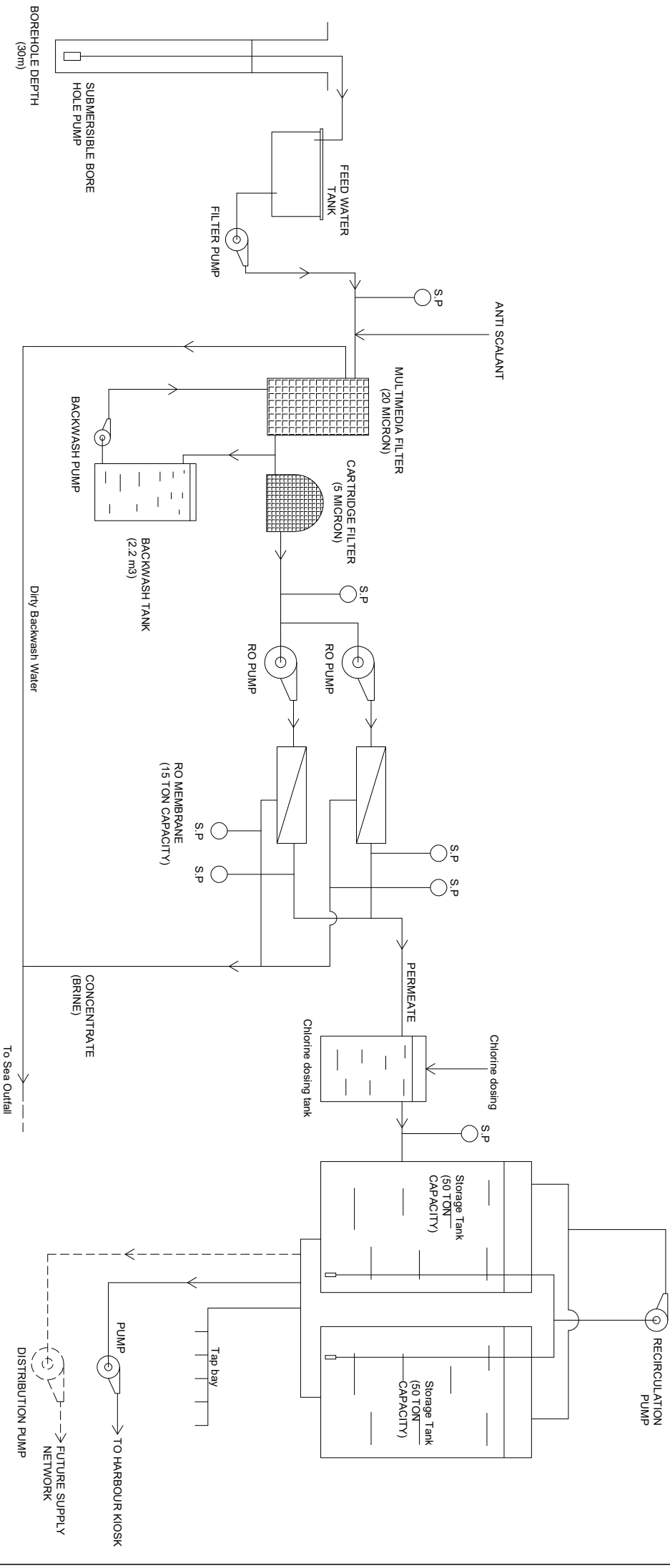
PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

RO PLANT AND WATER SUPPLY BUILDING FACILITY DRAWINGS - PACKAGE 3



WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDUVAREE HINGUN MALE' 20-01
REPUBLIC OF MALDIVES



S.P. = Sampling Point

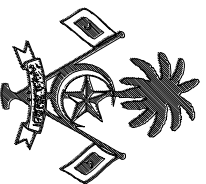
RO PLANT SCHEMATIC ARRANGEMENT

OFID 14 ISLAND WATER SUPPLY PROJECT - PACKAGE 3

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT		PROJECT: 14 ISLAND WATER SUPPLY PROJECT	
OPEC FUND FOR INTERNATIONAL DEVELOPMENT		SCALE: AS SHOWN	DATE: APR 2017
		<div></div>	

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

B. KENDHOO 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

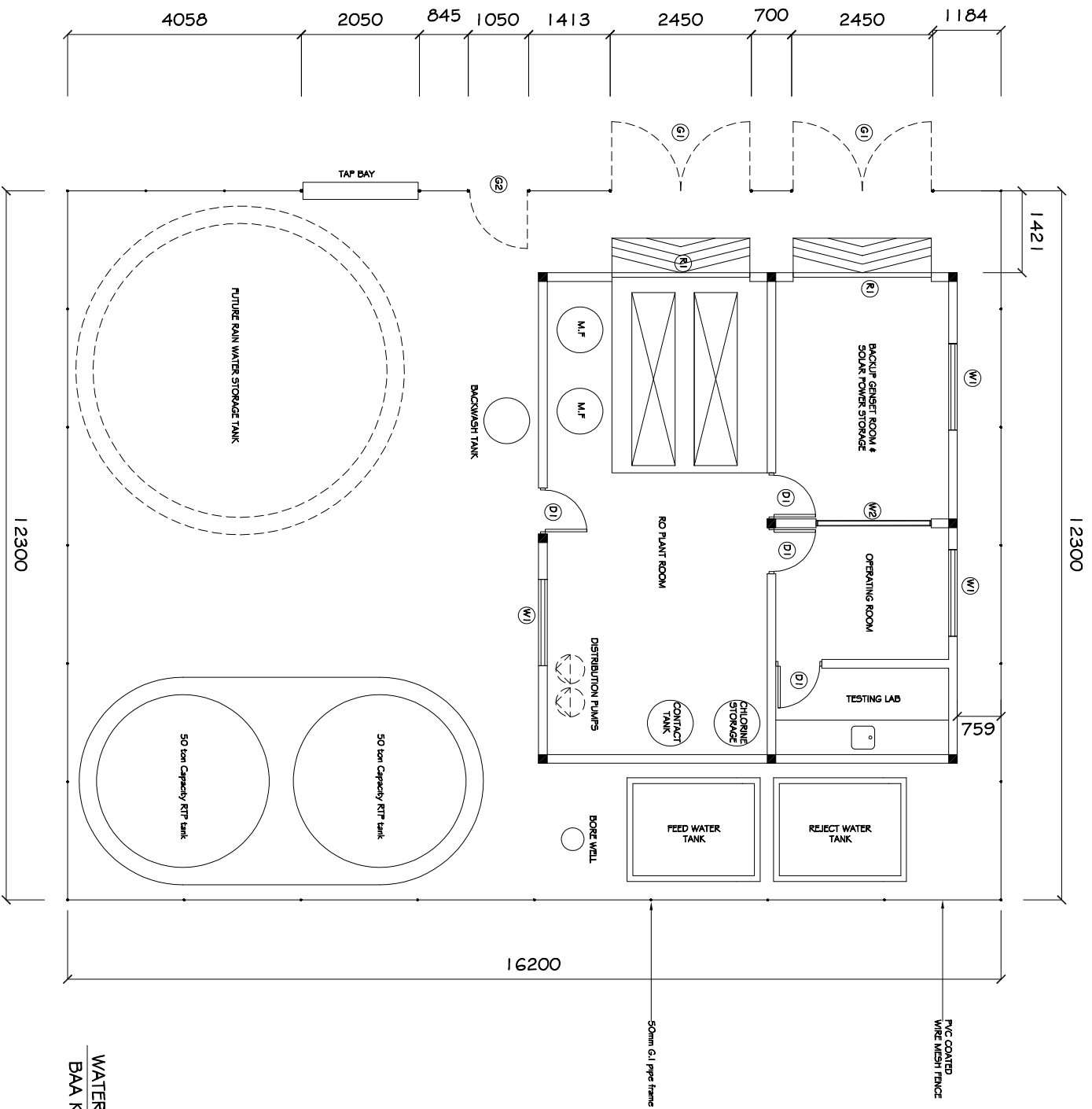
RO PLANT
BUILDING AND
STORAGE TANK

BRINE
OUTFALL pipe

RO PLANT BUILDING AND CRITICAL DEVELOPMENTS

B. KENDHOO

Google

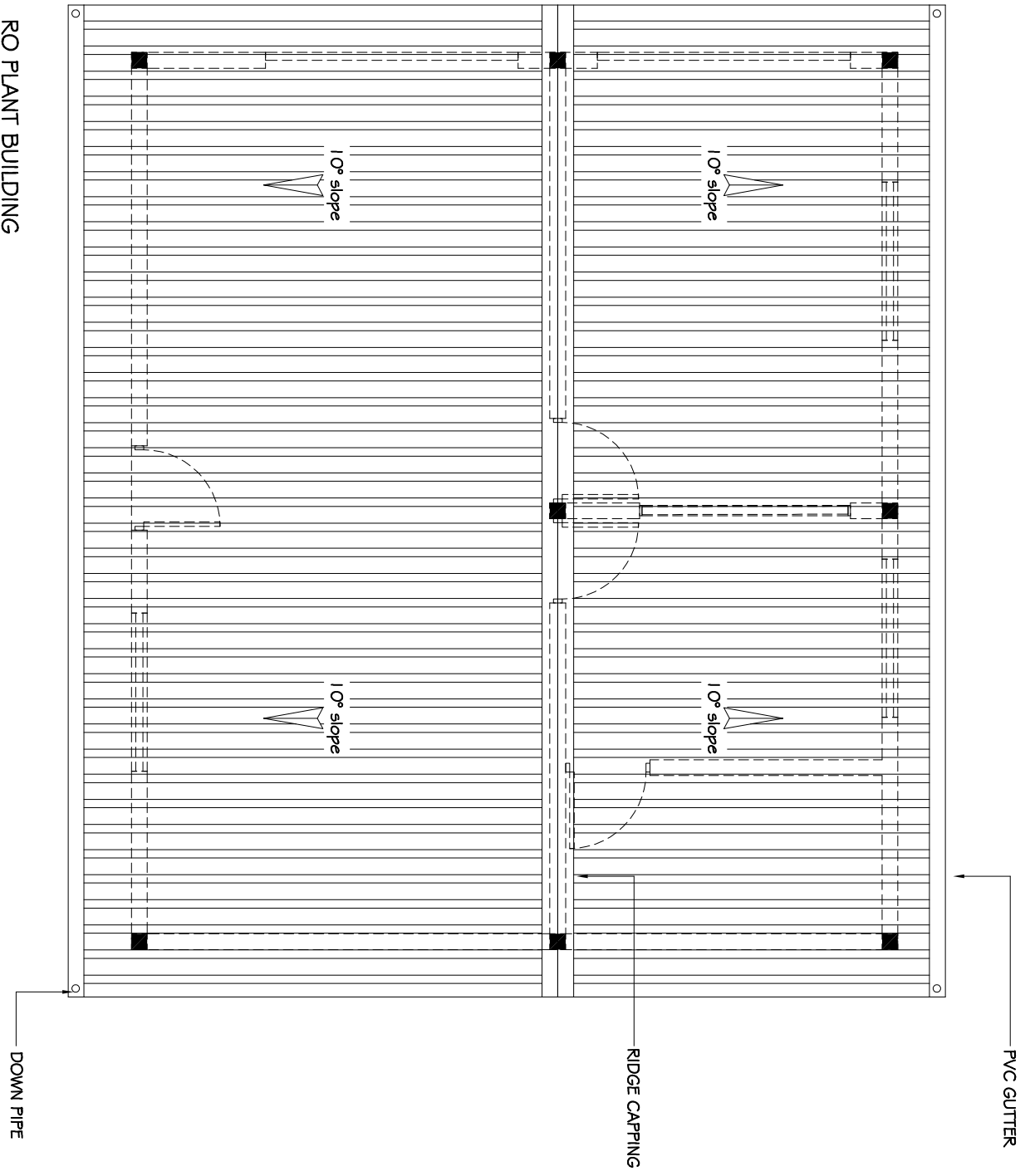


WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING
BAA KENDHOO



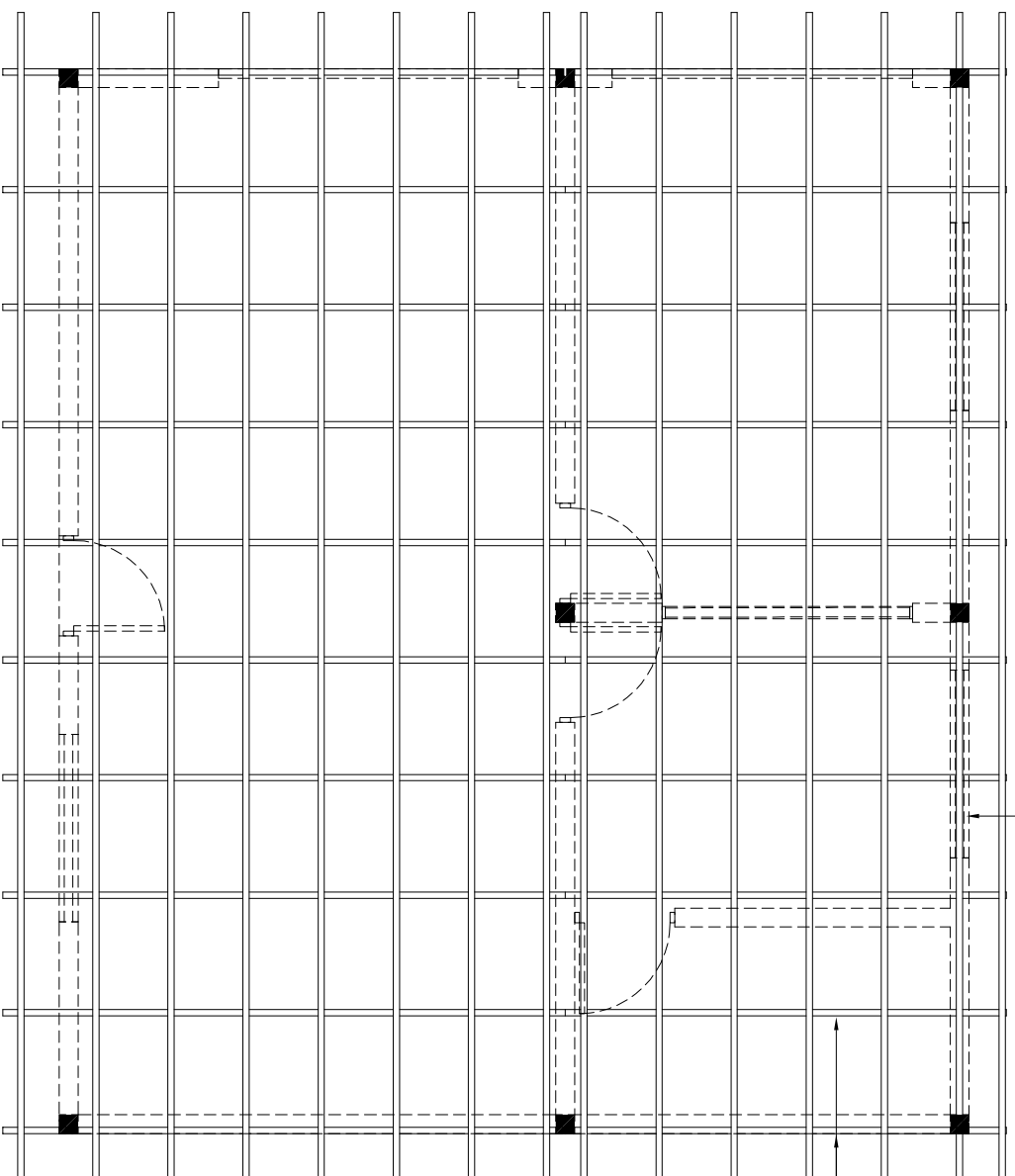
RO PLANT BUILDING

ROOF PLAN B. KENDHOO



50x38 battens
@ 600 c/c

50x150 Ratters
@ 900 c/c



ROOF STRUCTURE B. KENDHOO

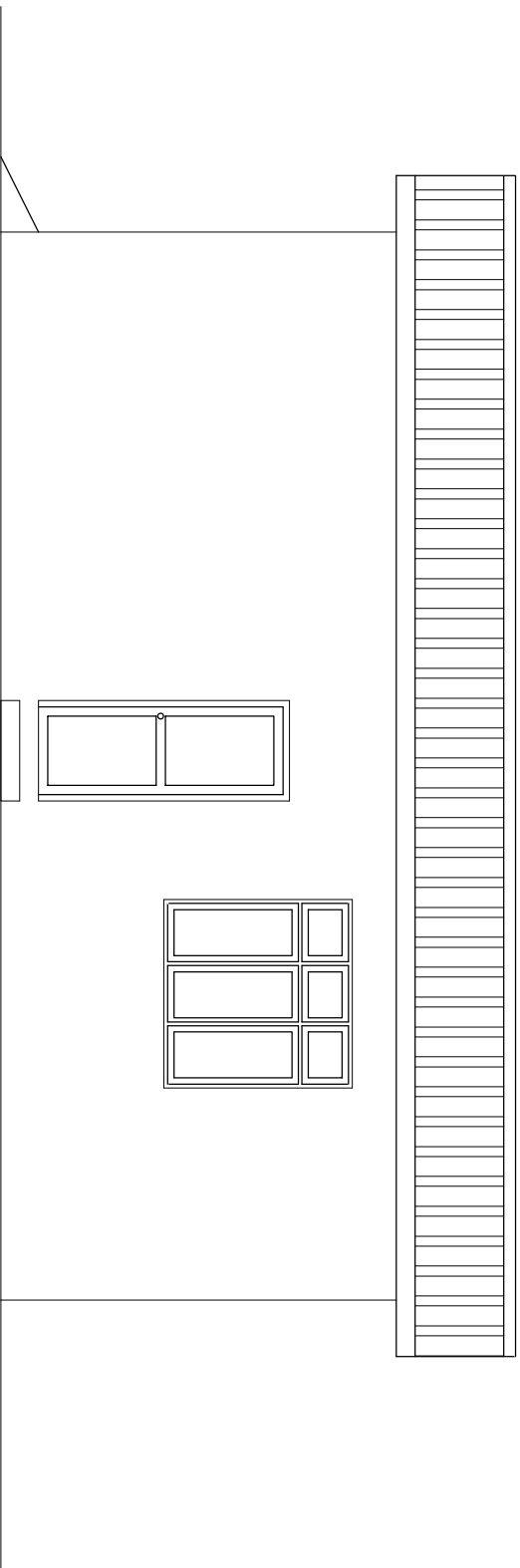
PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

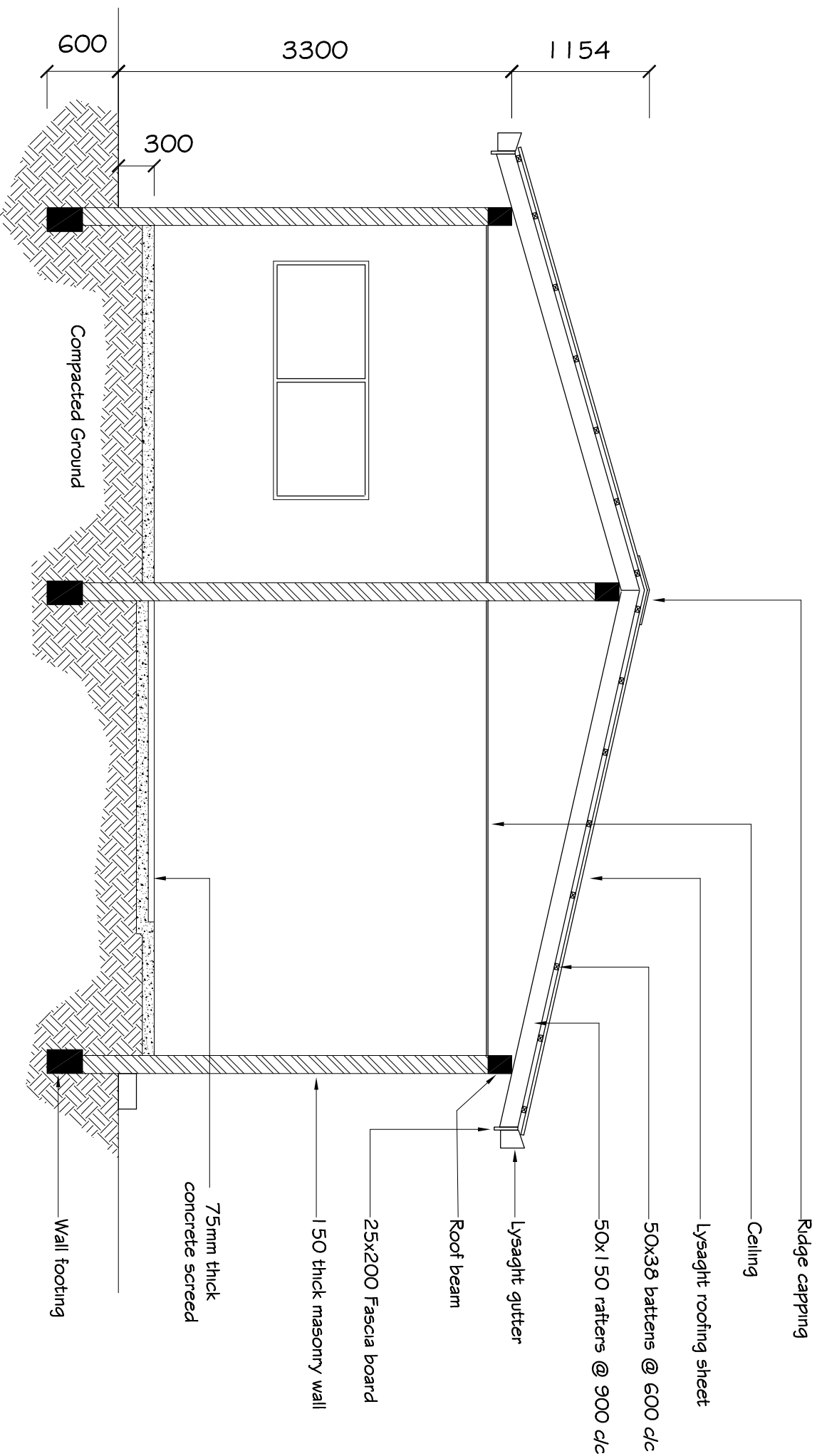
SCALE: AS SHOWN

DATE: MAR 2017



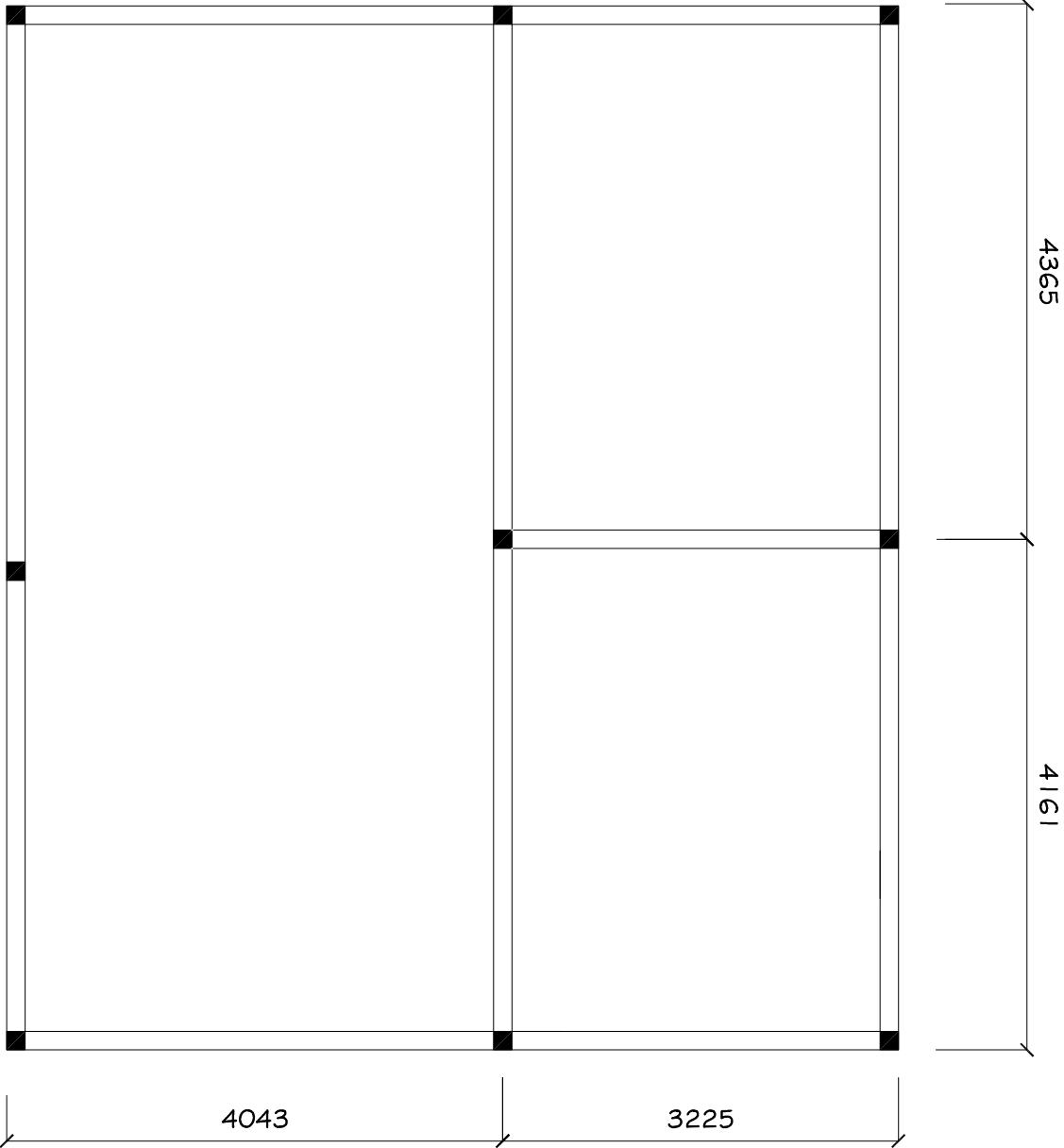


RO PLANT BUILDING
FRONT ELEVATION B. KENDHOO



RO PLANT BUILDING

SECTION X-X B. KENDHOO



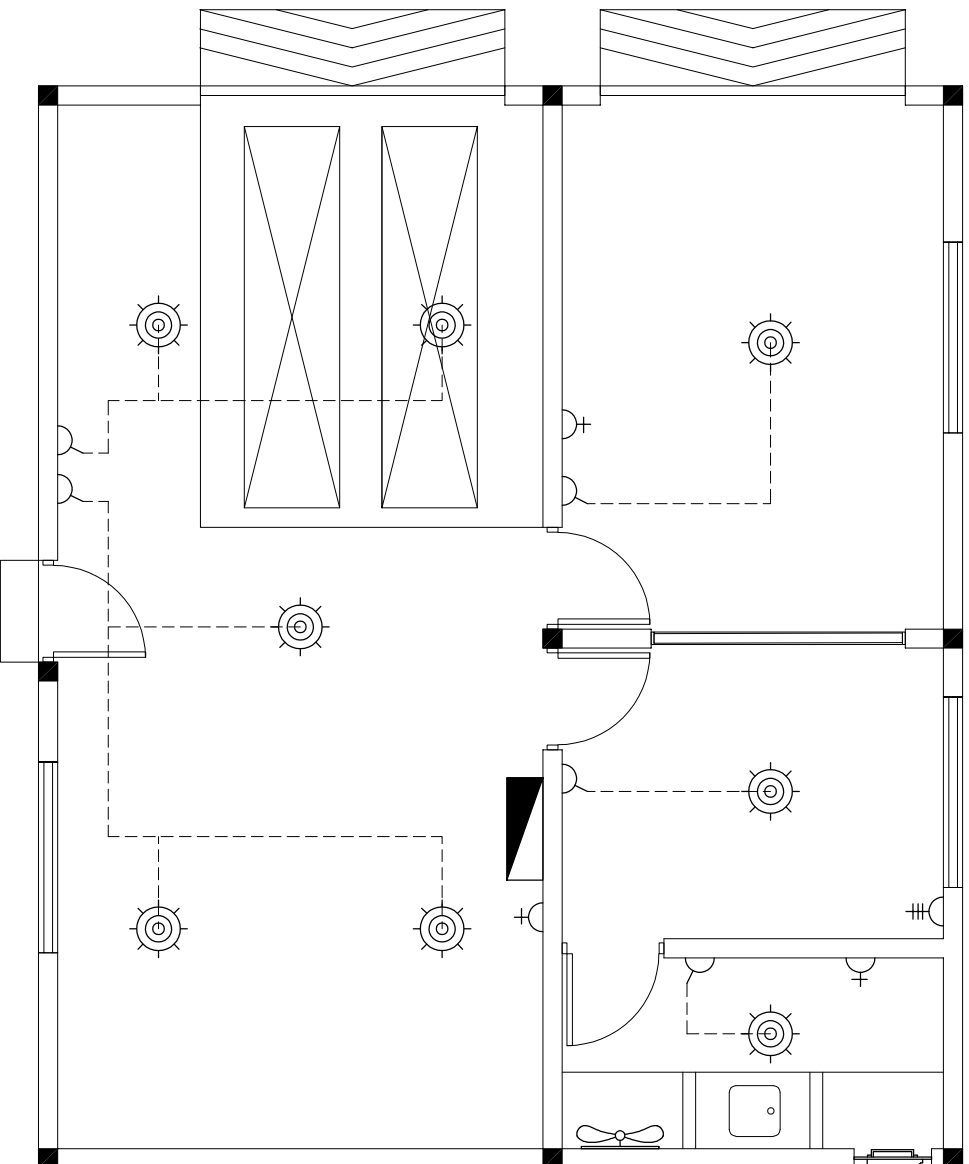
RO PLANT BUILDING
ROOF BEAM PLAN B. KENDHOO

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]

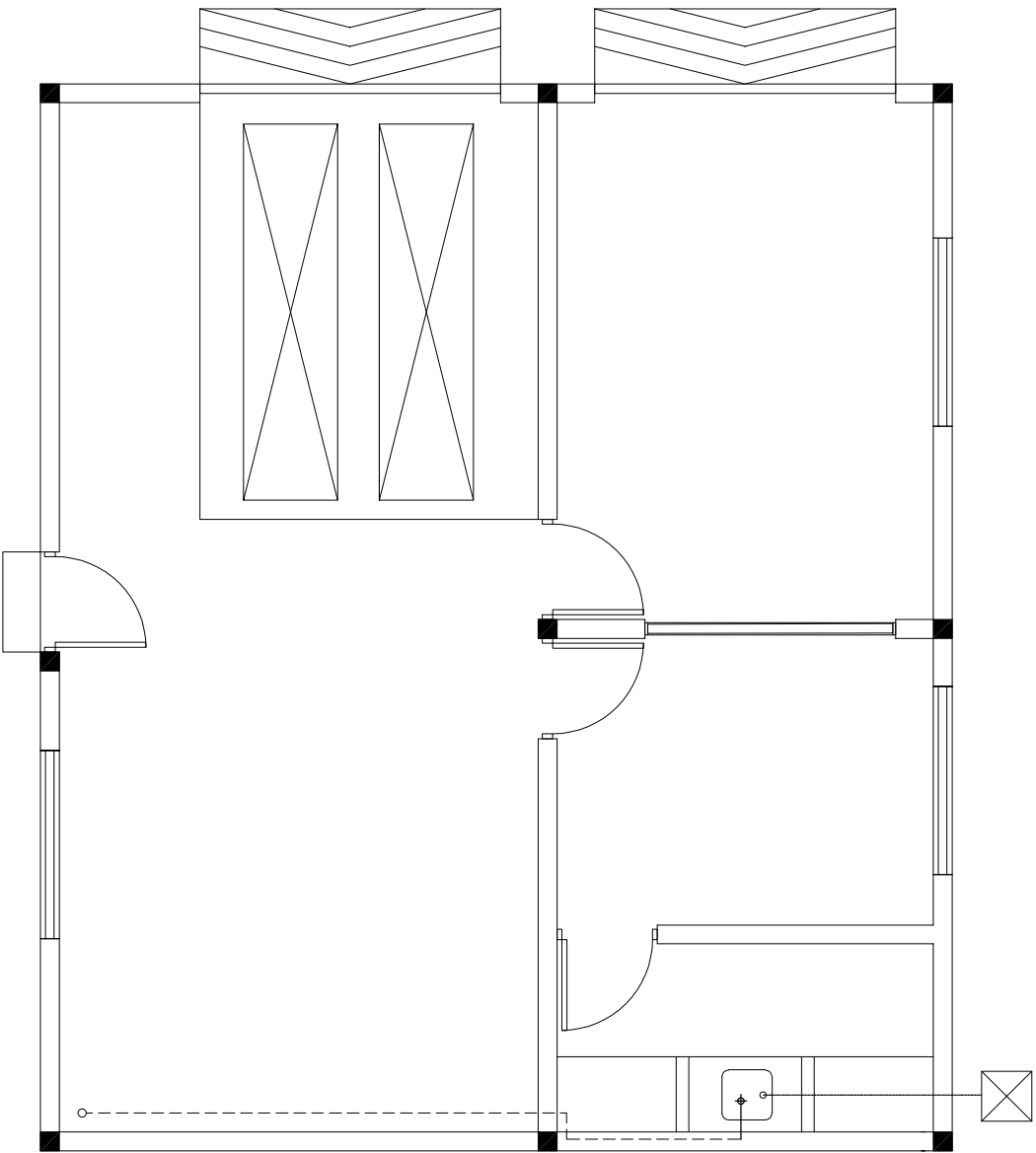
POWER SOCKET
[0.4m BELOW CEILING]

SINGLE GANG SWITCH

WALL MOUNT EXHAUST FAN

WALL MOUNT FAN

RO PLANT BUILDING
ELECTRICAL LAYOUT B. KENDHOO



—○— PVC Sink Tap

—X— Soak pit

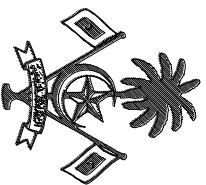
--- 25mm PVC Pipe

— 50mm PVC Train Pipe

RO PLANT BUILDING
PLUMBING LAYOUT B. KENDHOO

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

K. GAAFARU 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

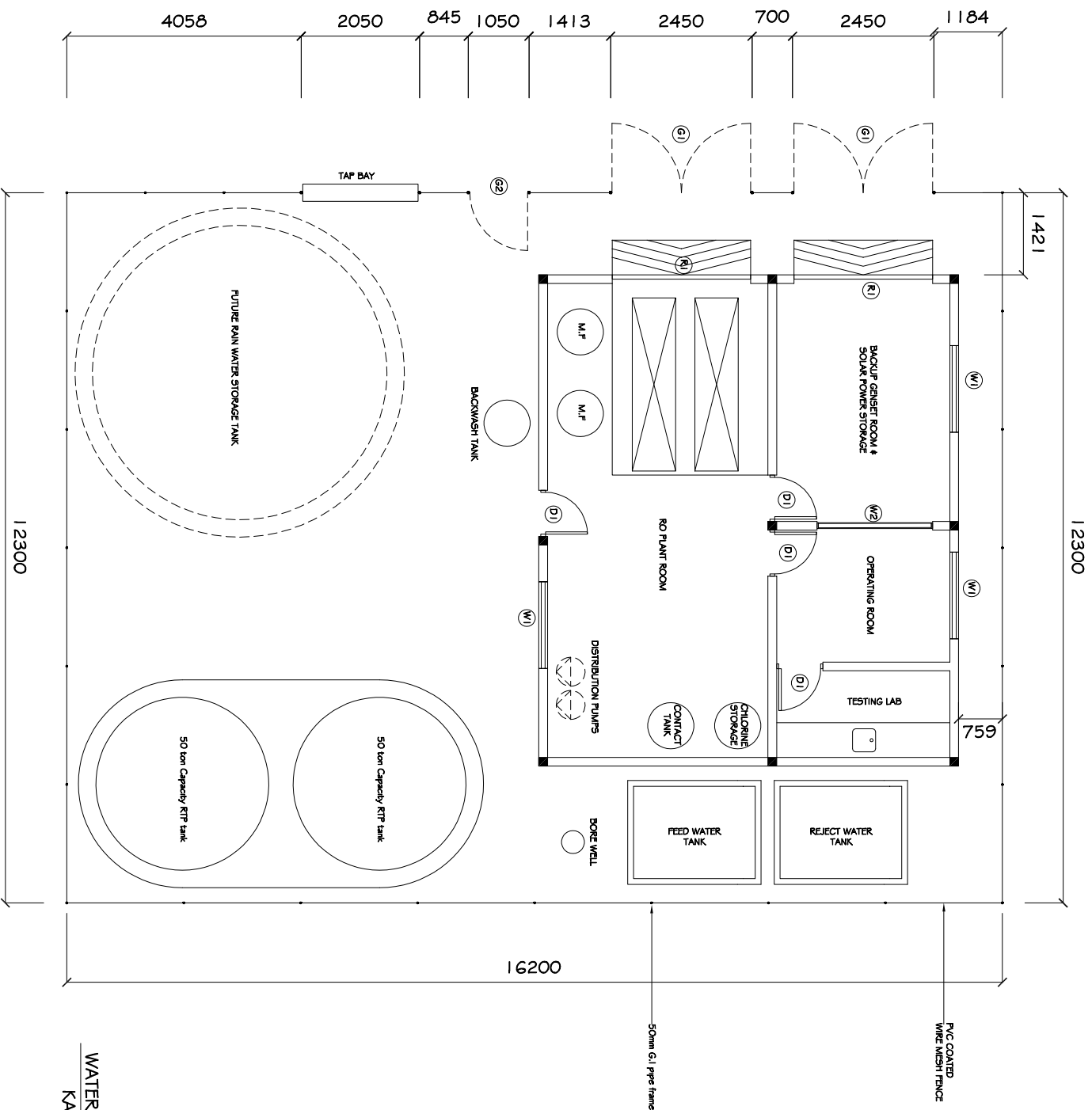
RO PLANT
BUILDING AND
STORAGE TANK

TAP BAY

BRINE OUTFALL PIPE

RO PLANT BUILDING AND CRITICAL
DEVELOPMENTS

K. GAUFARU



WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING KAAFU GAAFARU

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

OFEC FUND FOR INTERNATIONAL DEVELOPMENT

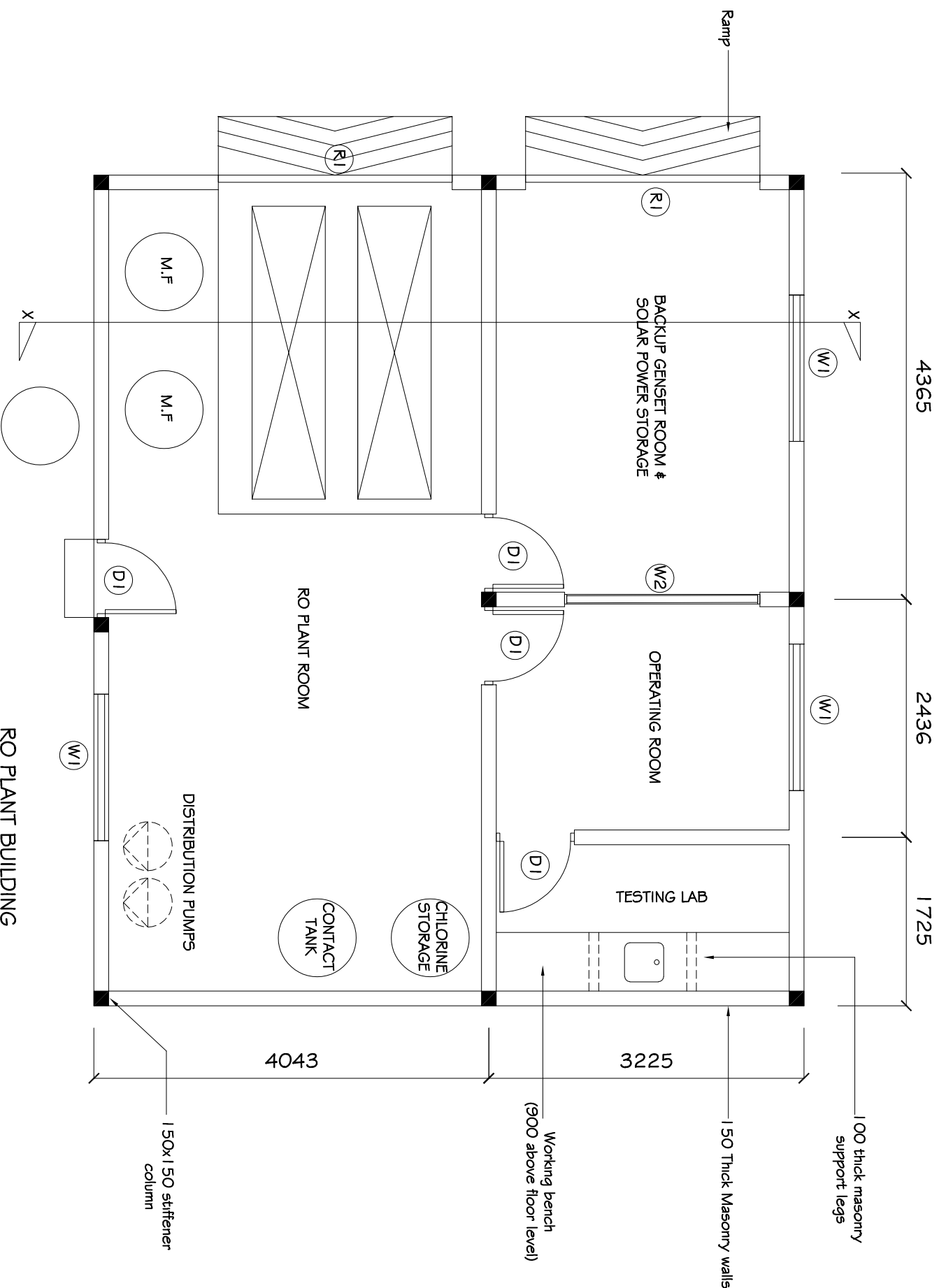
PROJECT:

14 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN

DATE: MAR 2017

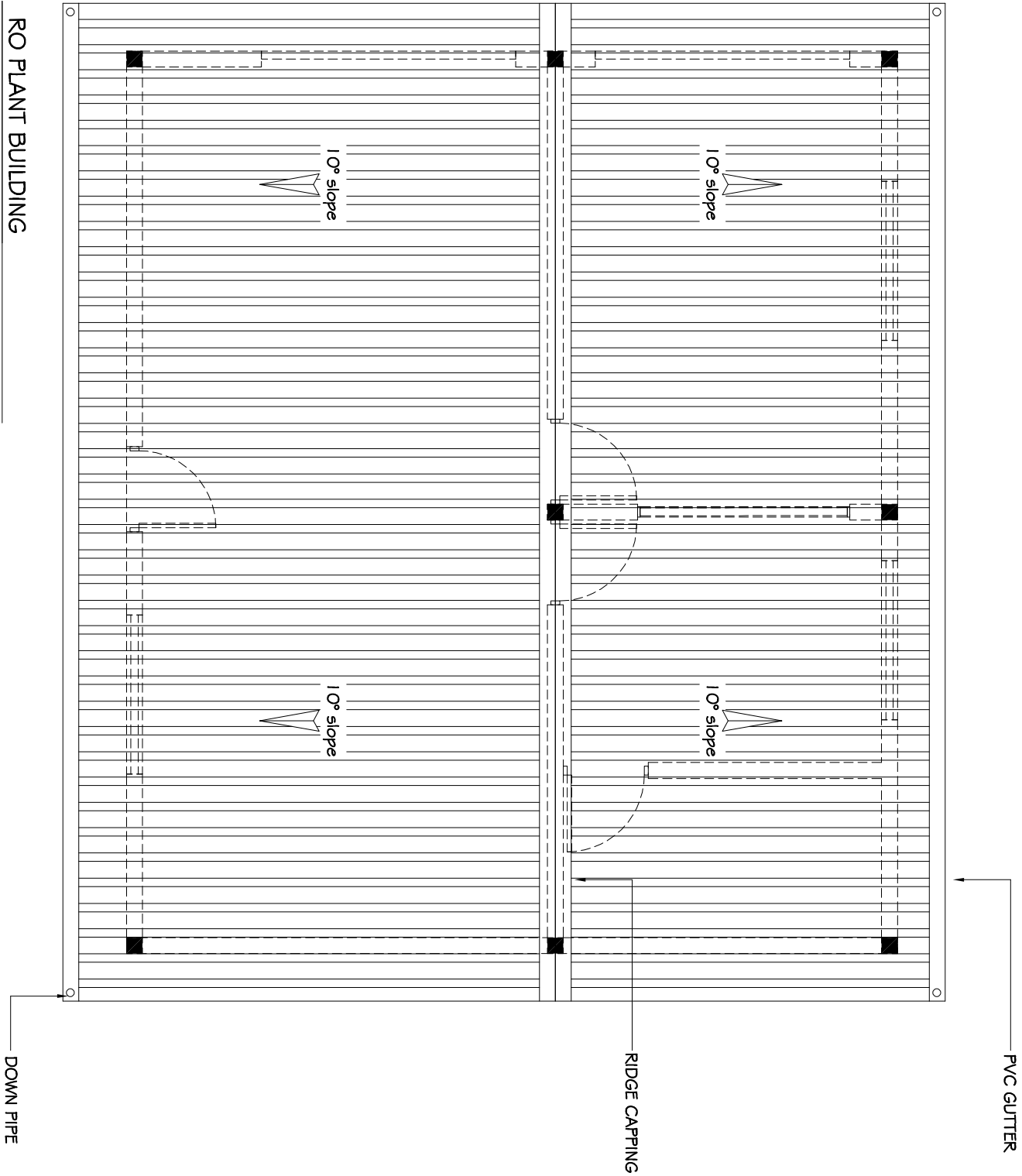




RO PLANT BUILDING
FLOOR PLAN K. GAAFARU

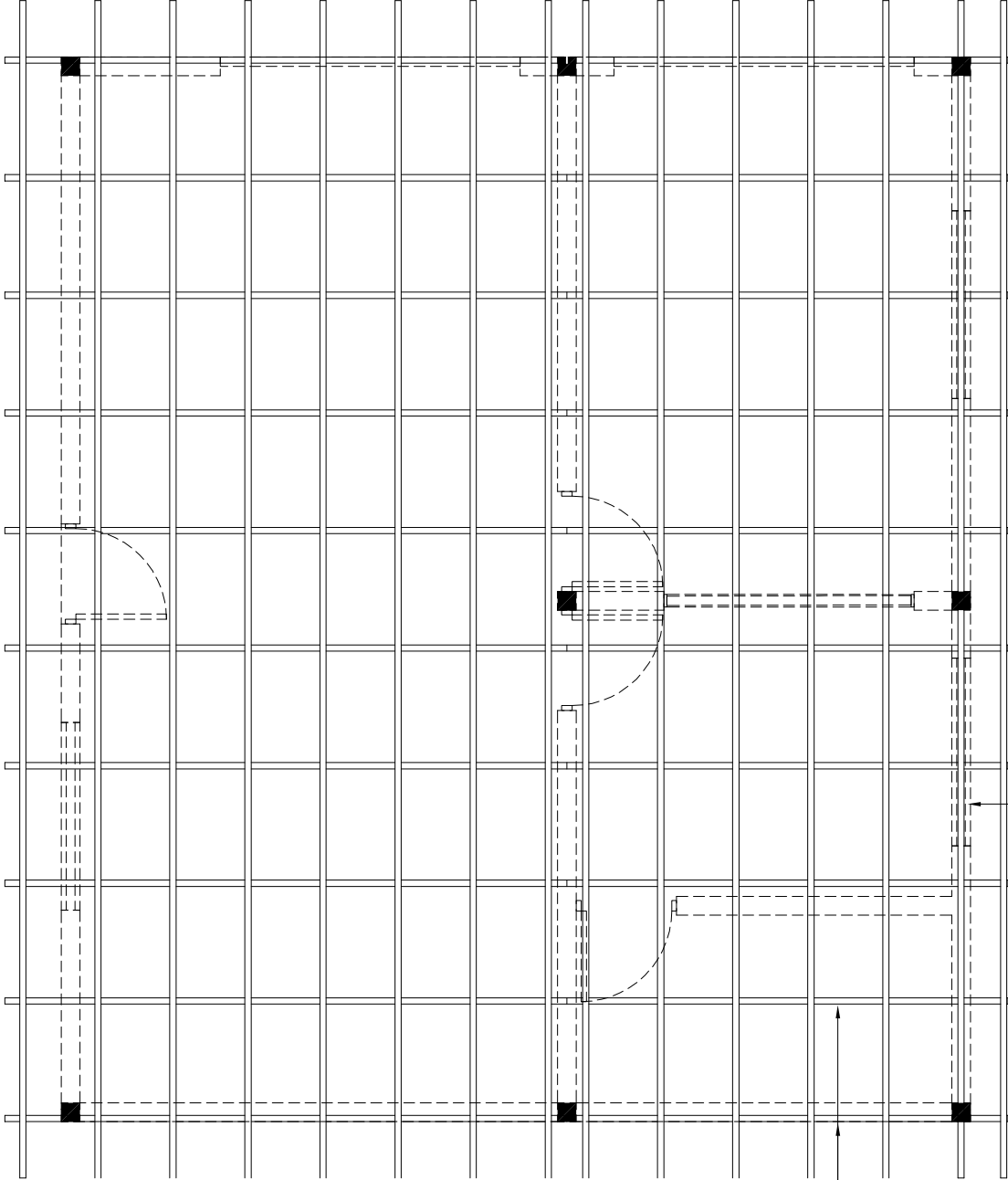


RO PLANT BUILDING
ROOF PLAN K. GAAFARU



50x38 battens
@ 600 c/c

50x150 Rafter
@ 900 c/c



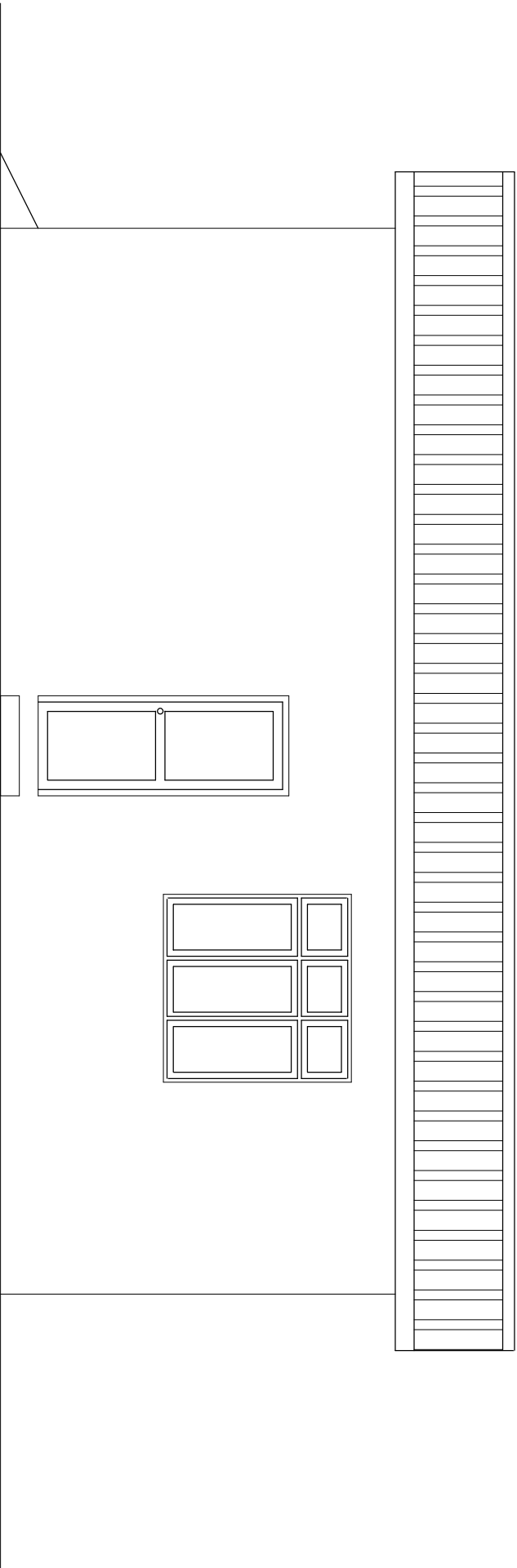
RO PLANT BUILDING
ROOF STRUCTURE K. GAAFARU

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

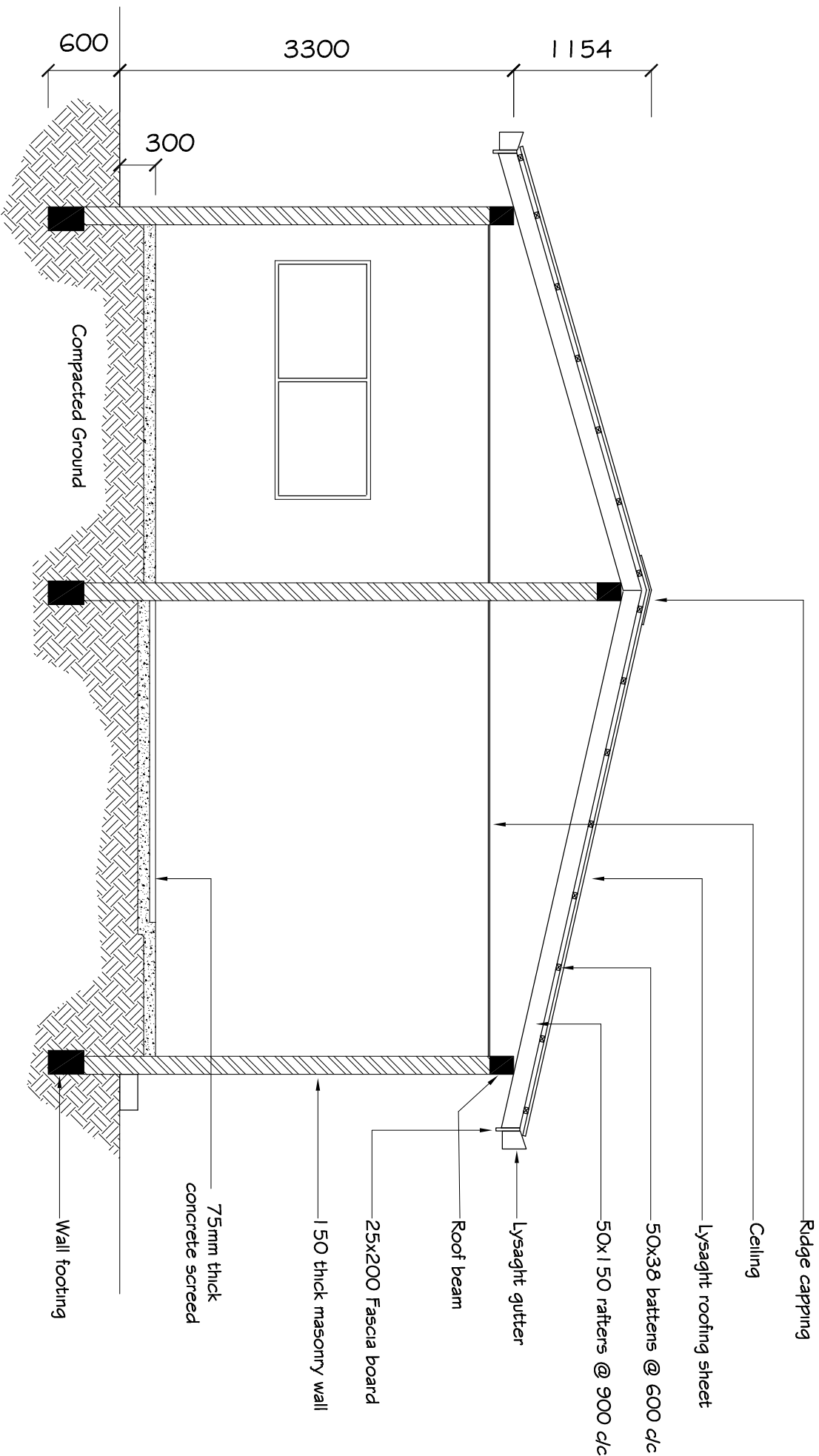
FRONT ELEVATION K. GAAFARU

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

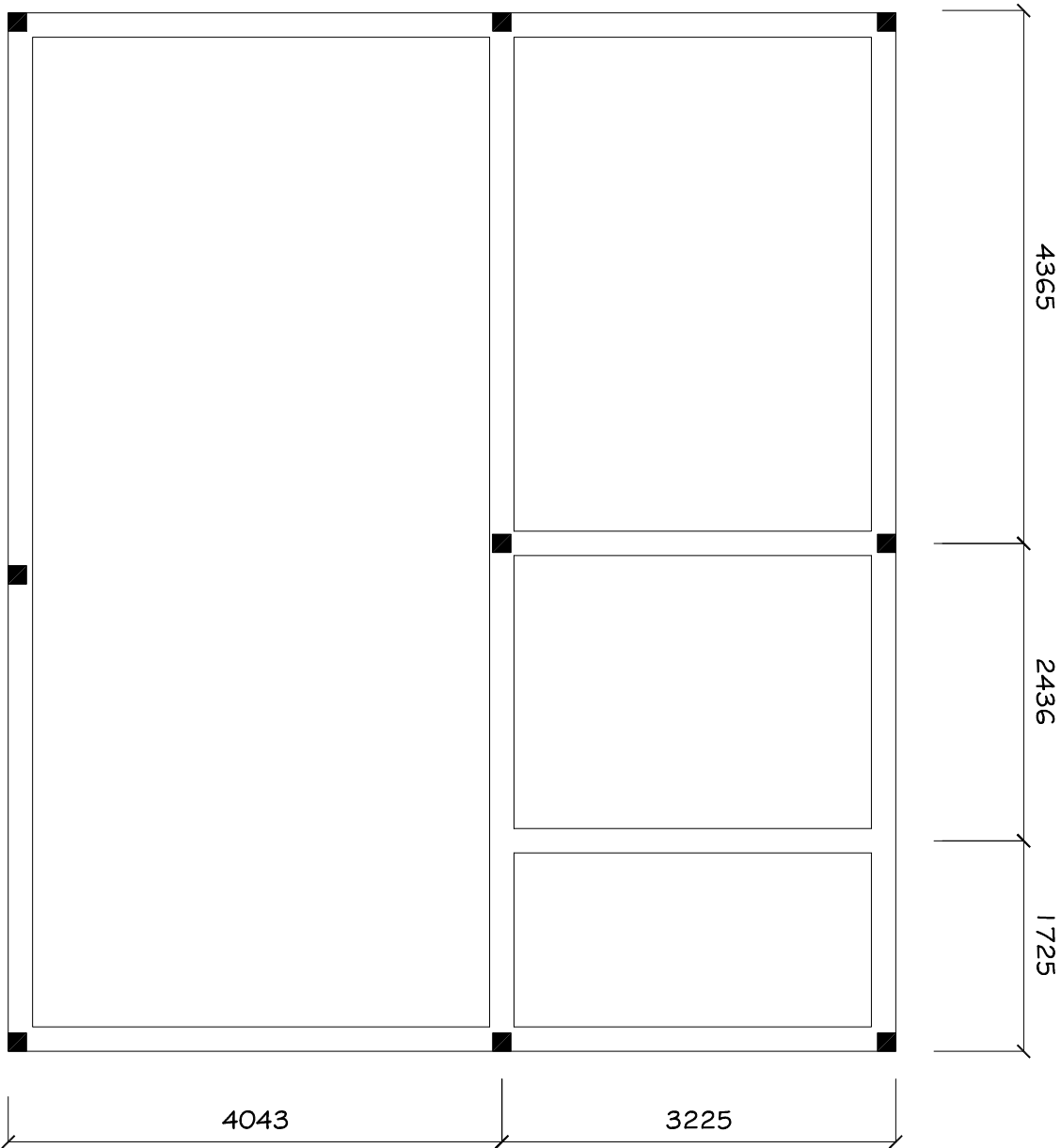
SECTION X-X K. GAAFARU

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

PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: MAR 2017





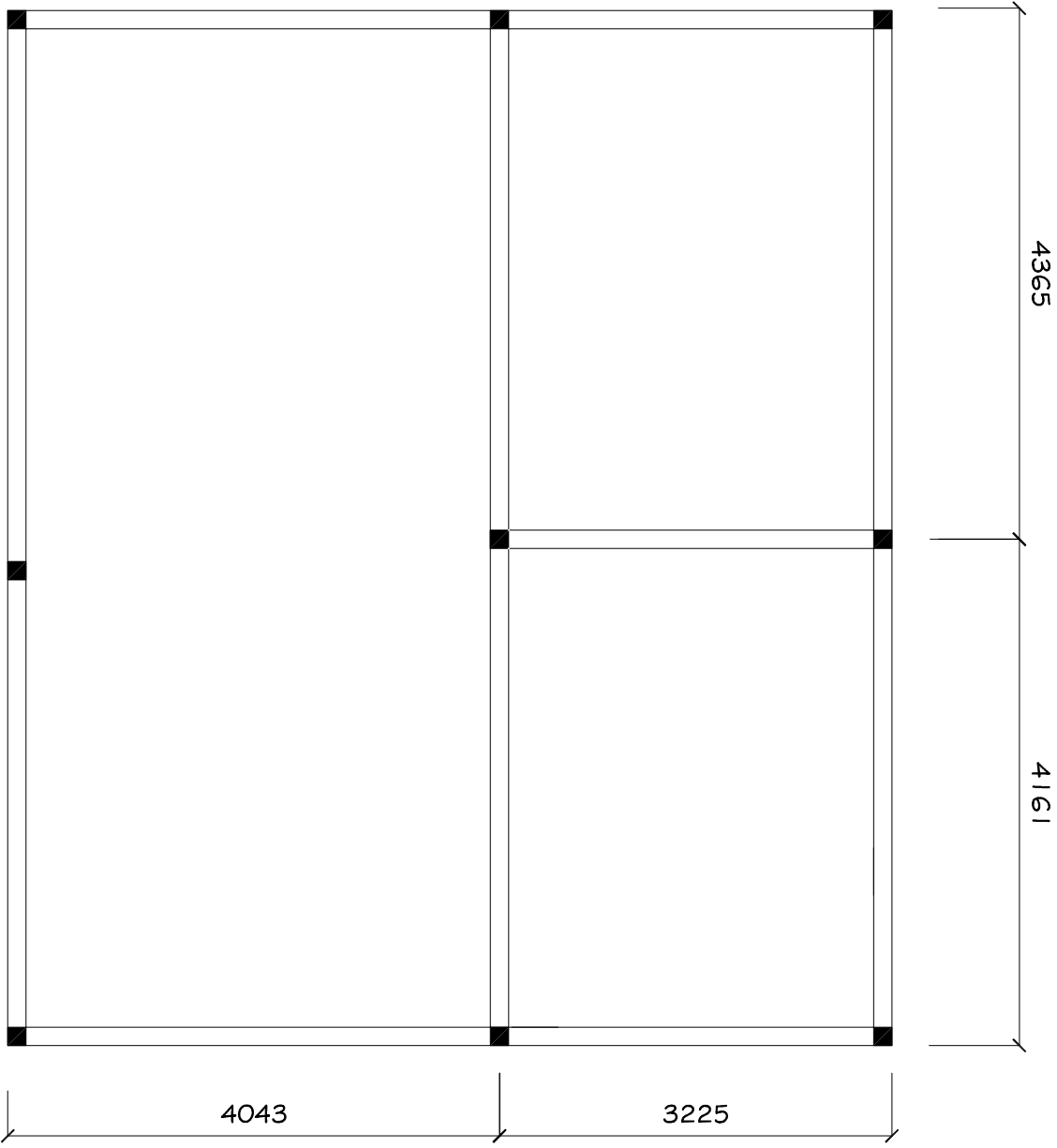
RO PLANT BUILDING
WALL FOOTING PLAN K. GAAFARU

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

PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

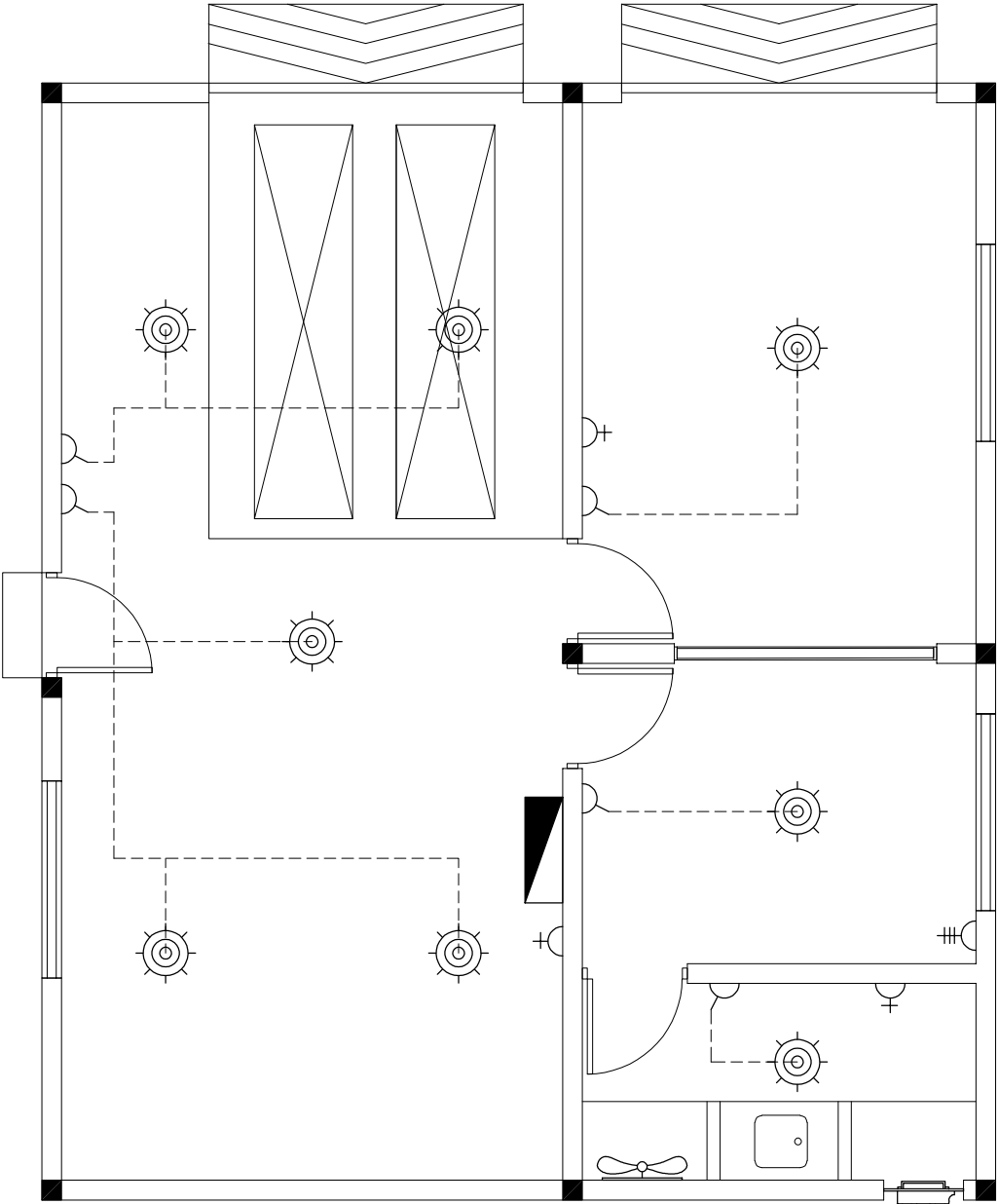
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DATE: MAR 20 17












RO PLANT BUILDING

ROOF BEAM PLAN K. GAAFARU



- 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 K. GAAFARU

PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

OPEC FUND FOR INTERNATIONAL DEVELOPMENT

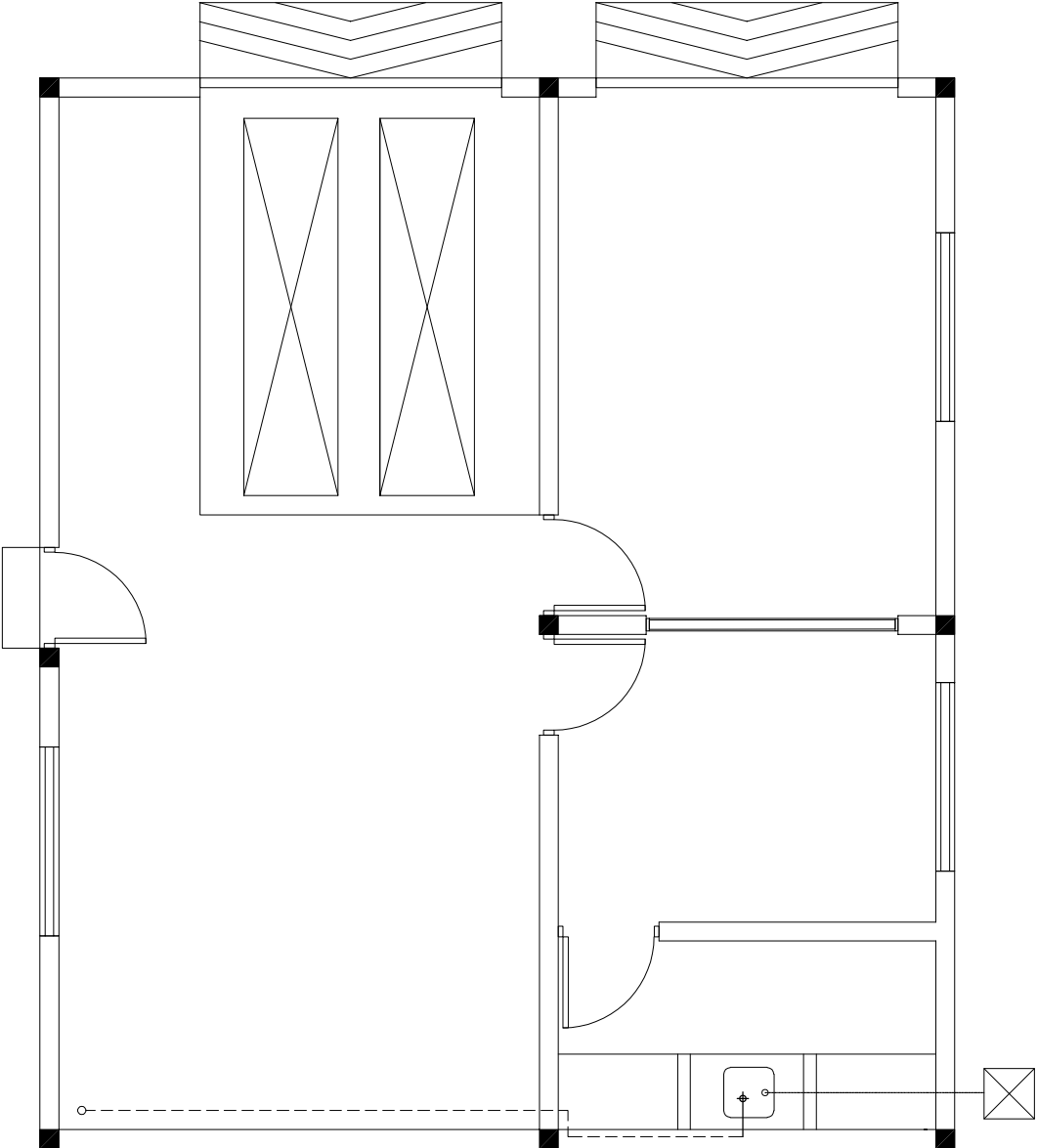
PROJECT:

1/4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN

DATE: MAR 2017





⊕ — PVC Sink Tap

⊠ — Soak pit

--- 25mm PVC Pipe

— 50mm PVC Train Pipe

RO PLANT BUILDING
PLUMBING LAYOUT K. GAAFARU

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



PROVISION OF WATER SUPPLY SANITATION AND SOLID WASTE MANAGEMENT PROJECT

L. GAN RO PLANT BUILDING AND WATER SUPPLY FACILITY



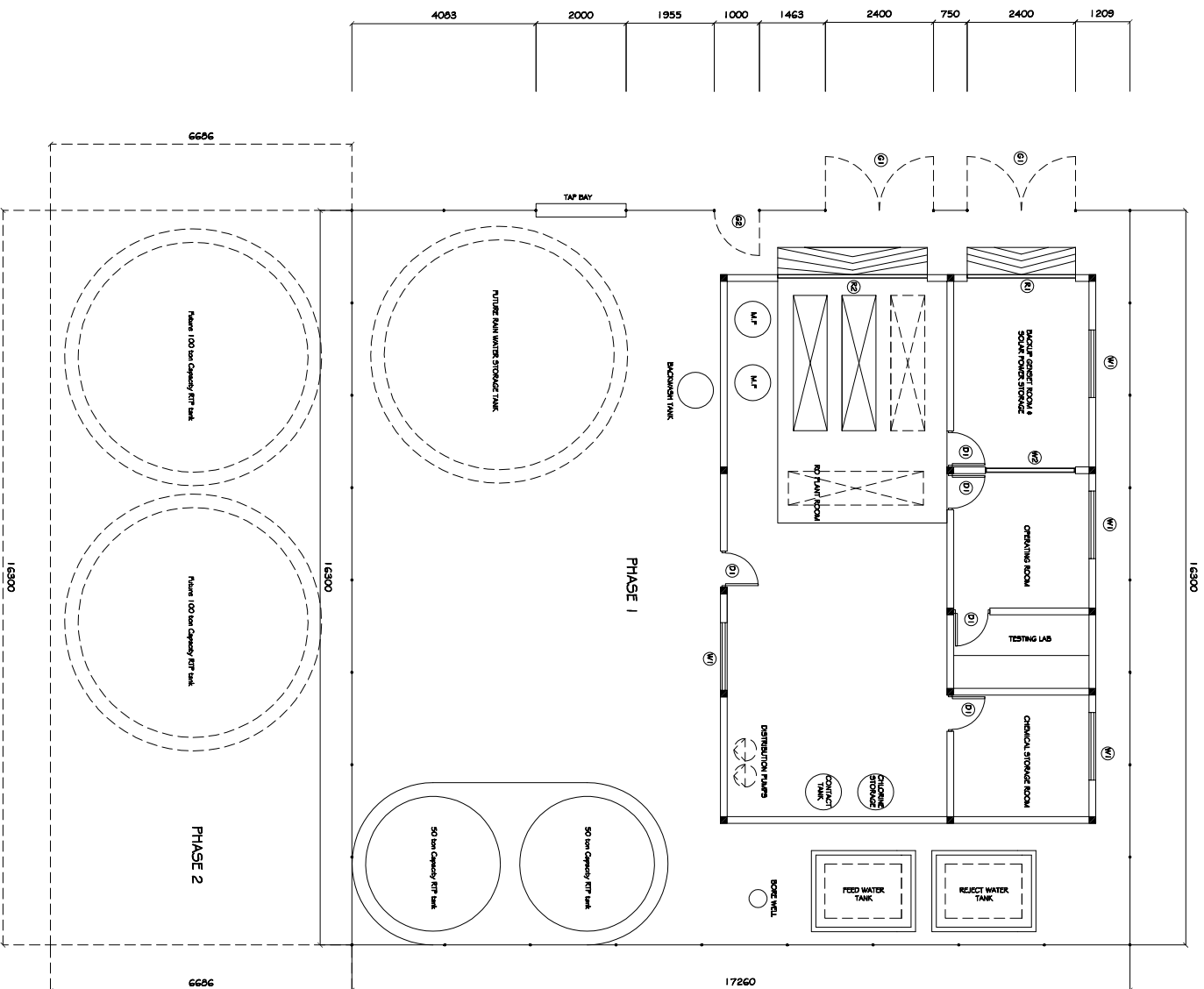
WATER SUPPLY COMPONENT
OFID PROJECT
MINISTRY OF ENVIRONMENT AND ENERGY

HANDHUVAREE HINGUN MALE' 20-01
REPUBLIC OF MALDIVES



RO PLANT BUILDING AND CRITICAL DEVELOPMENTS

L. GAN



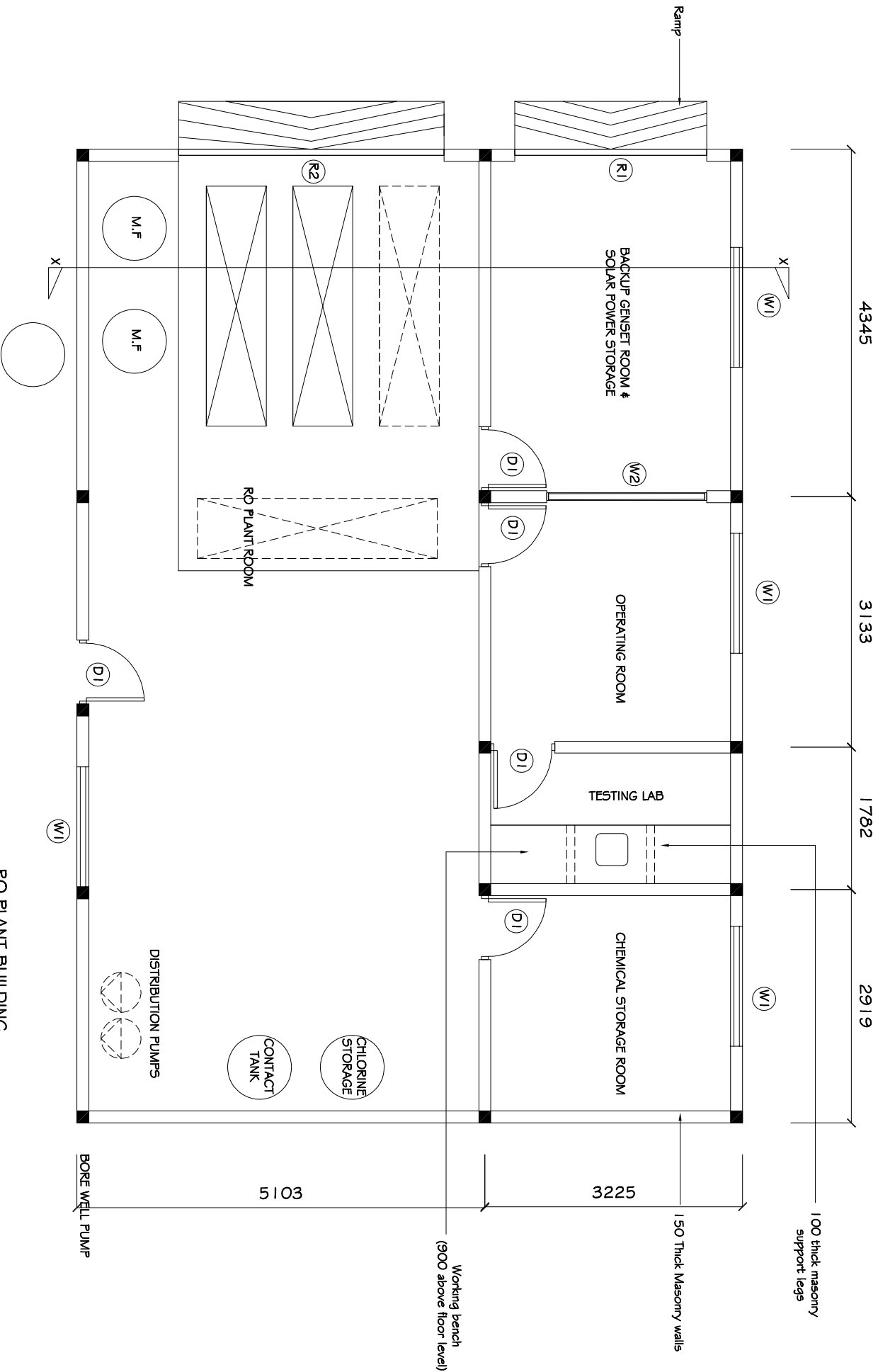
WATER SUPPLY AND STORAGE FACILITY SITE & BUILDING LAAMU GAN

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

PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: MAR 2017





BACKWASH TANK

RO PLANT BUILDING
FLOOR PLAN L.GAN

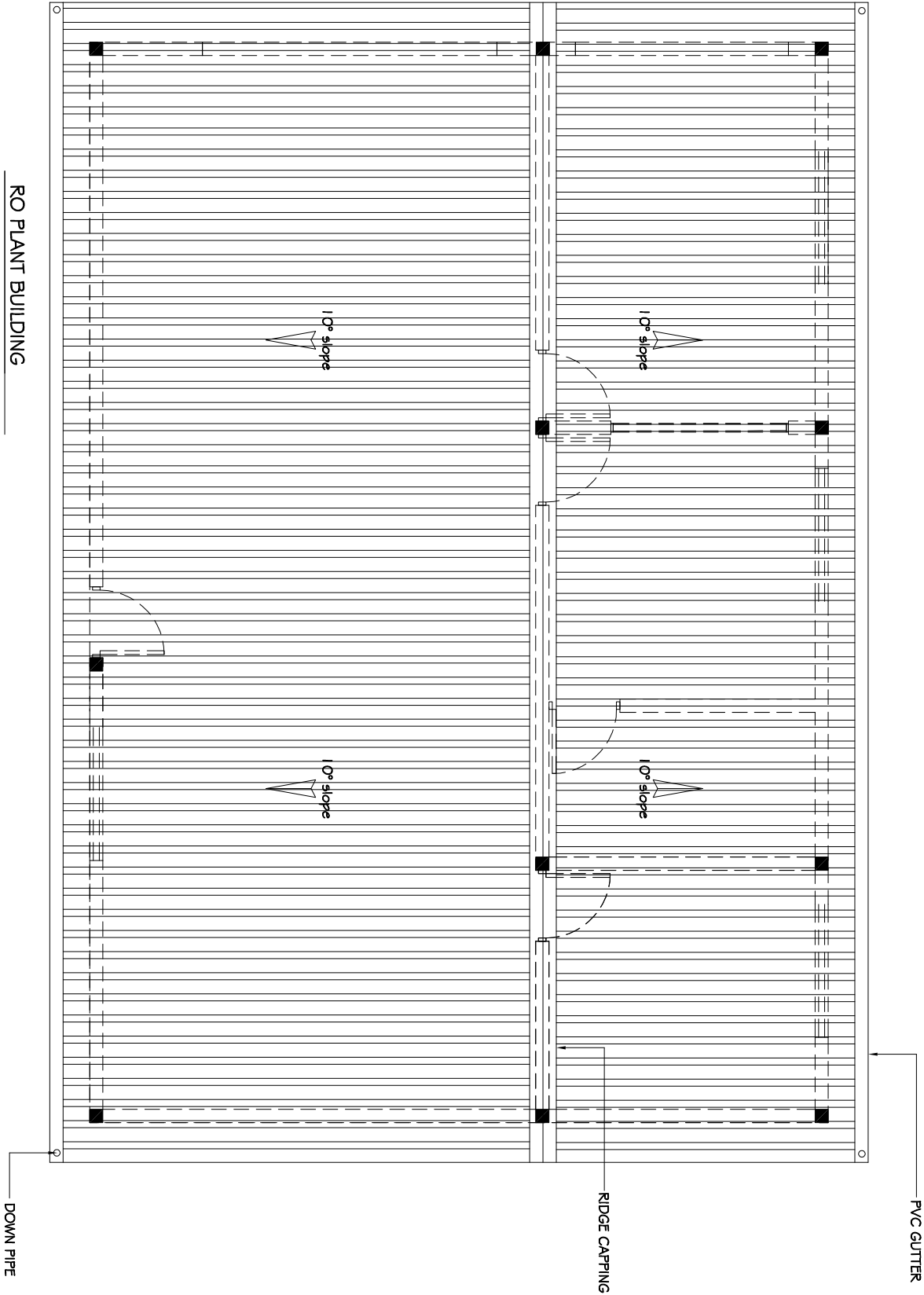
PROVISION OF WATER SUPPLY SANITATION AND SOLID
WASTE MANAGEMENT PROJECT
OPEC FUND FOR INTERNATIONAL DEVELOPMENT

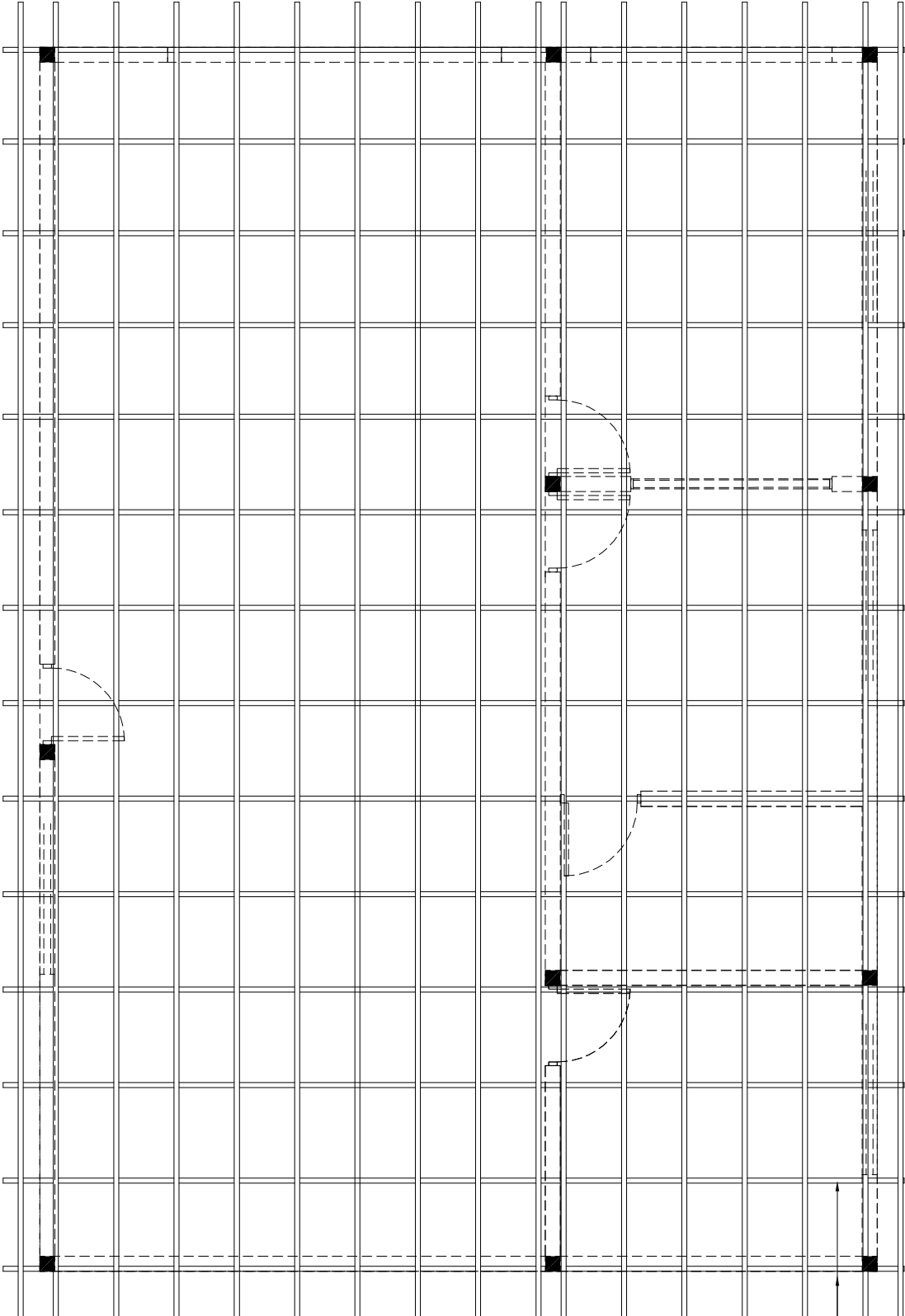
PROJECT:
14 ISLAND WATER SUPPLY PROJECT

SCALE: AS SHOWN
DATE: MAR 2017



RO PLANT BUILDING
ROOF PLAN L.GAN





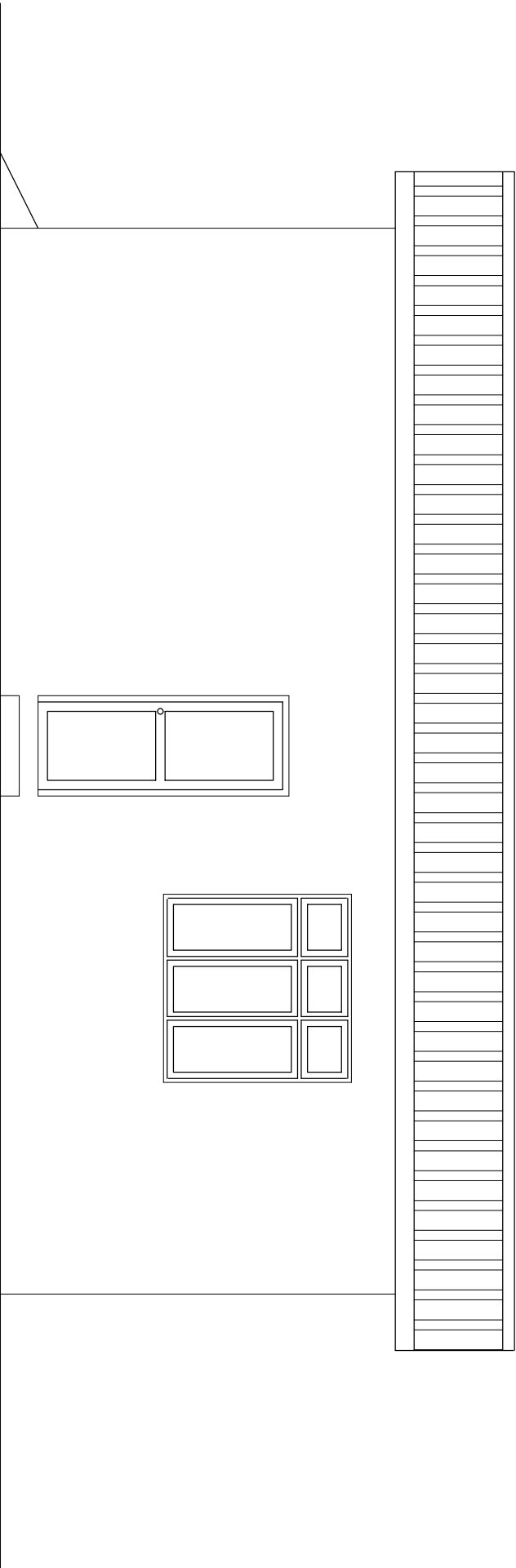
RO PLANT BUILDING
ROOF STRUCTURE L.GAN

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





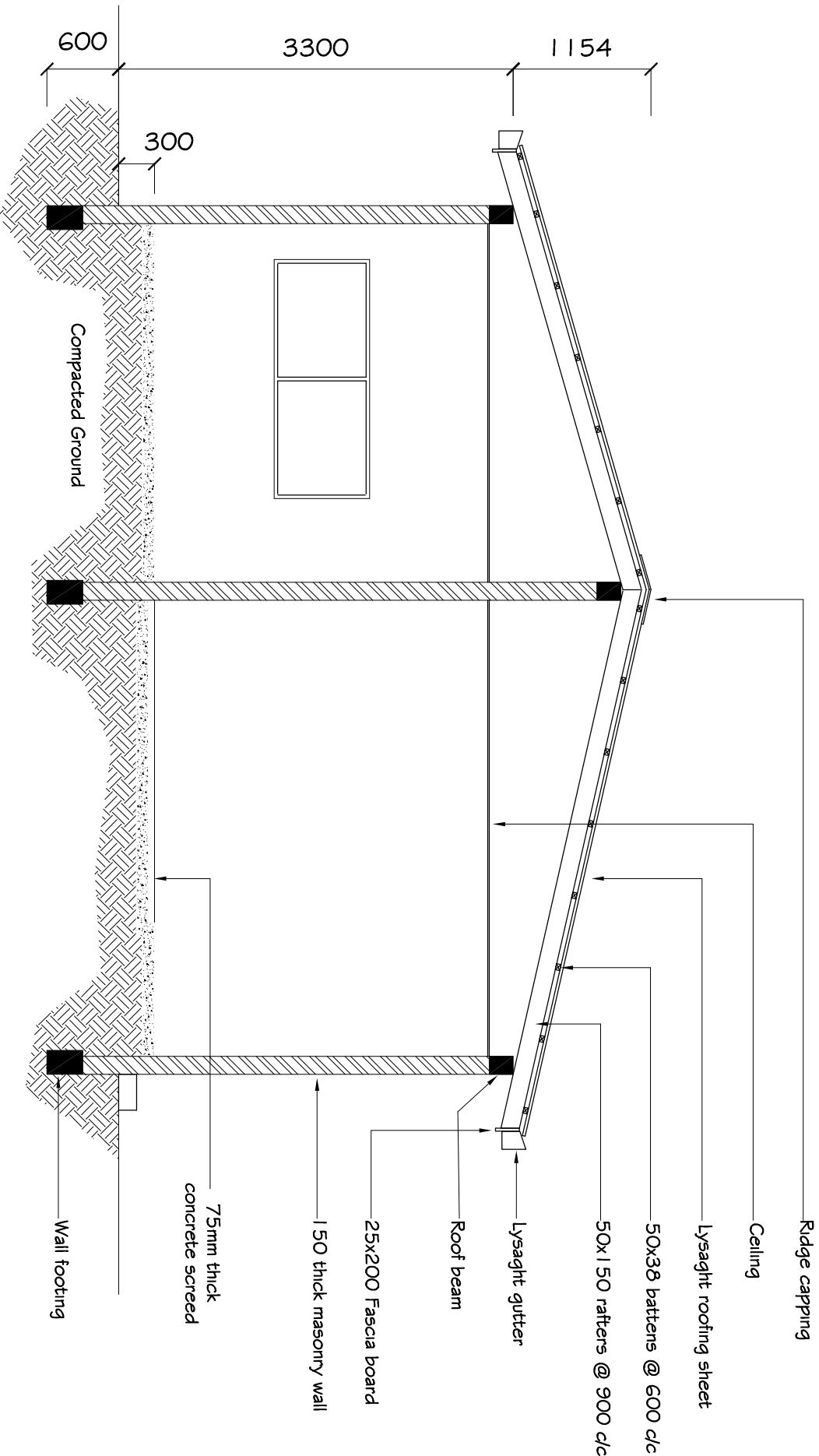
RO PLANT BUILDING
FRONT ELEVATION L.GAN

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

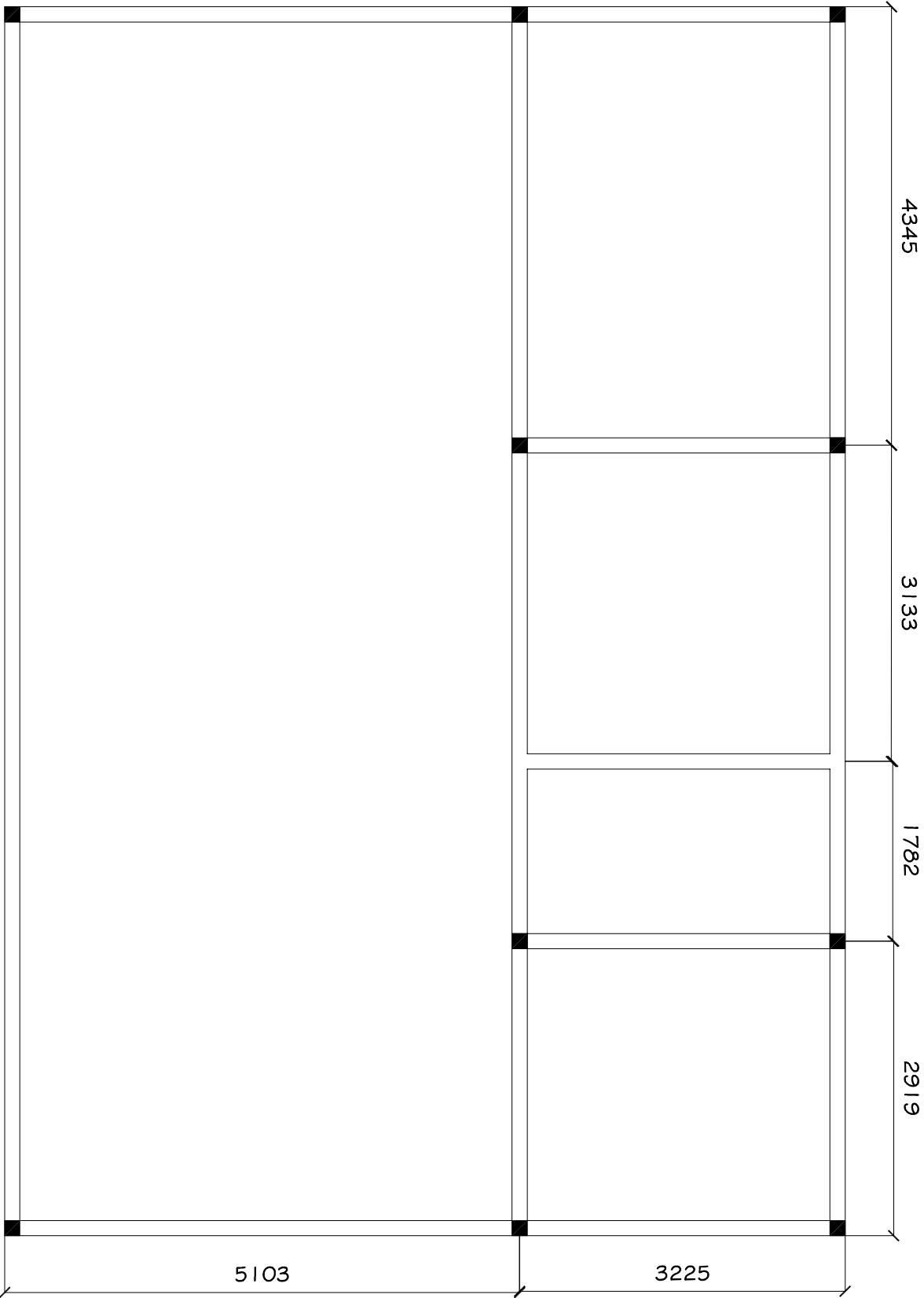
PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

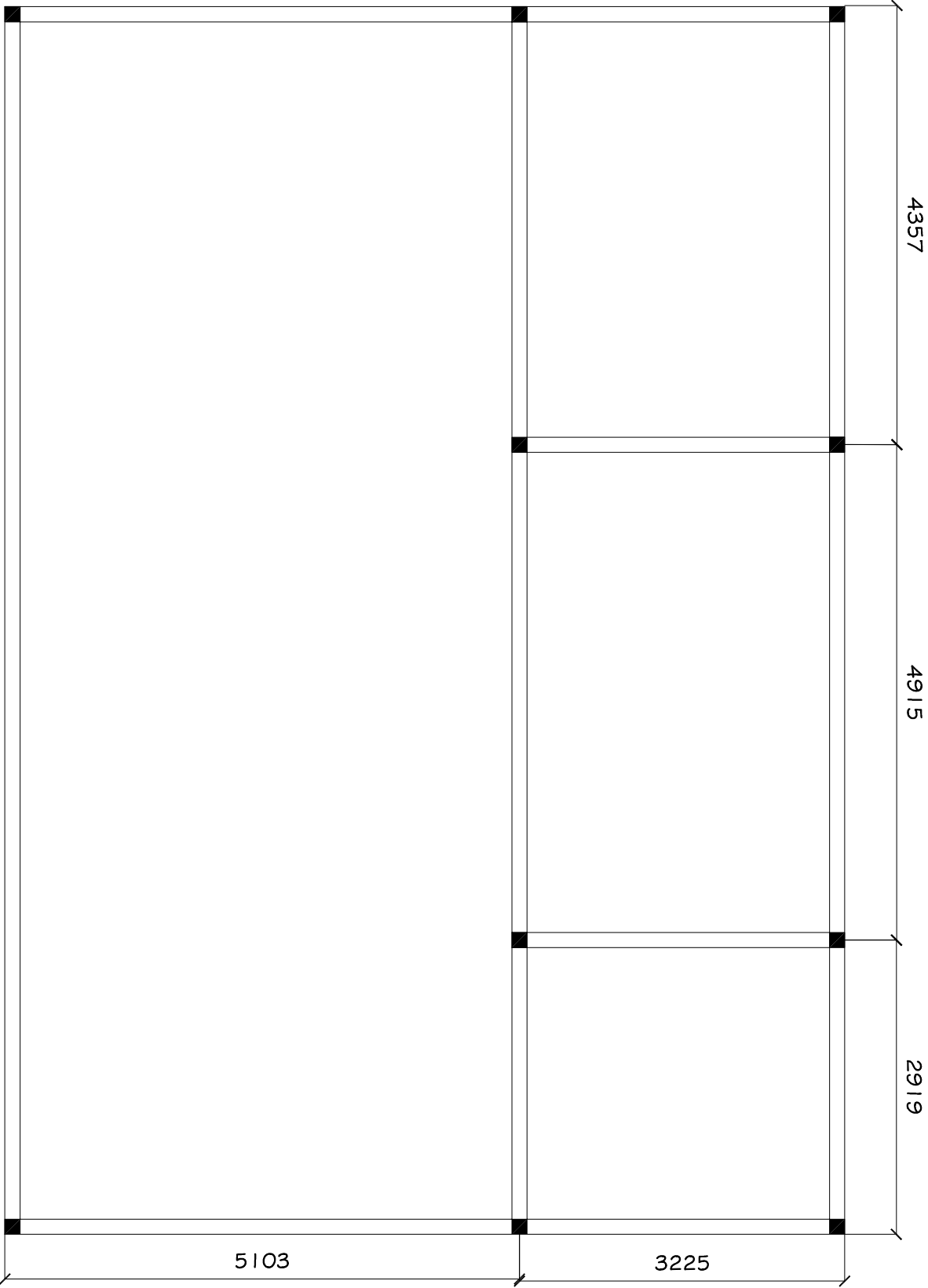
SCALE: AS SHOWN
DATE: MAR 2017





RO PLANT BUILDING
SECTION X-X L.GAN





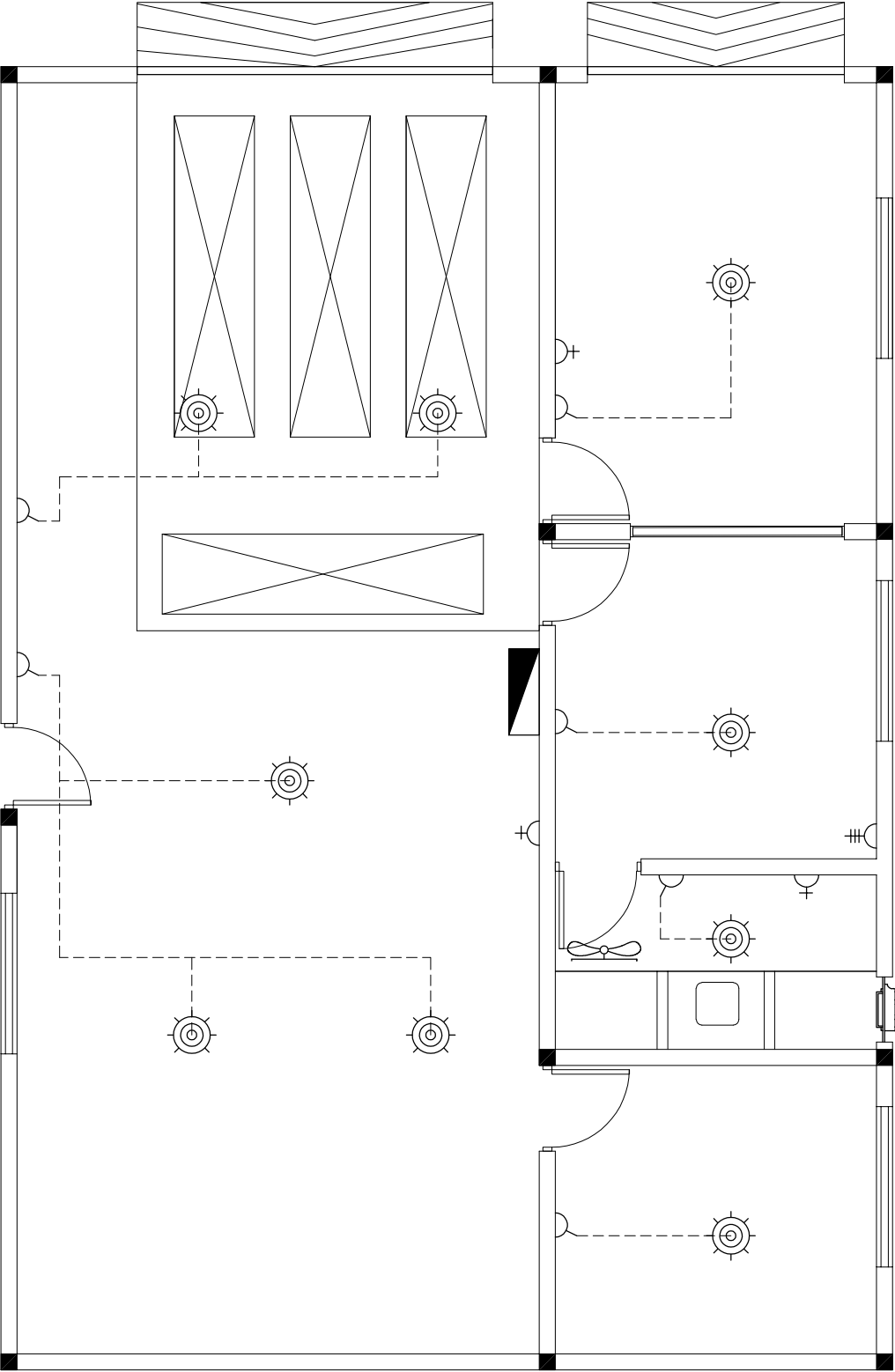
RO PLANT BUILDING
ROOF BEAM PLAN L.GAN

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]

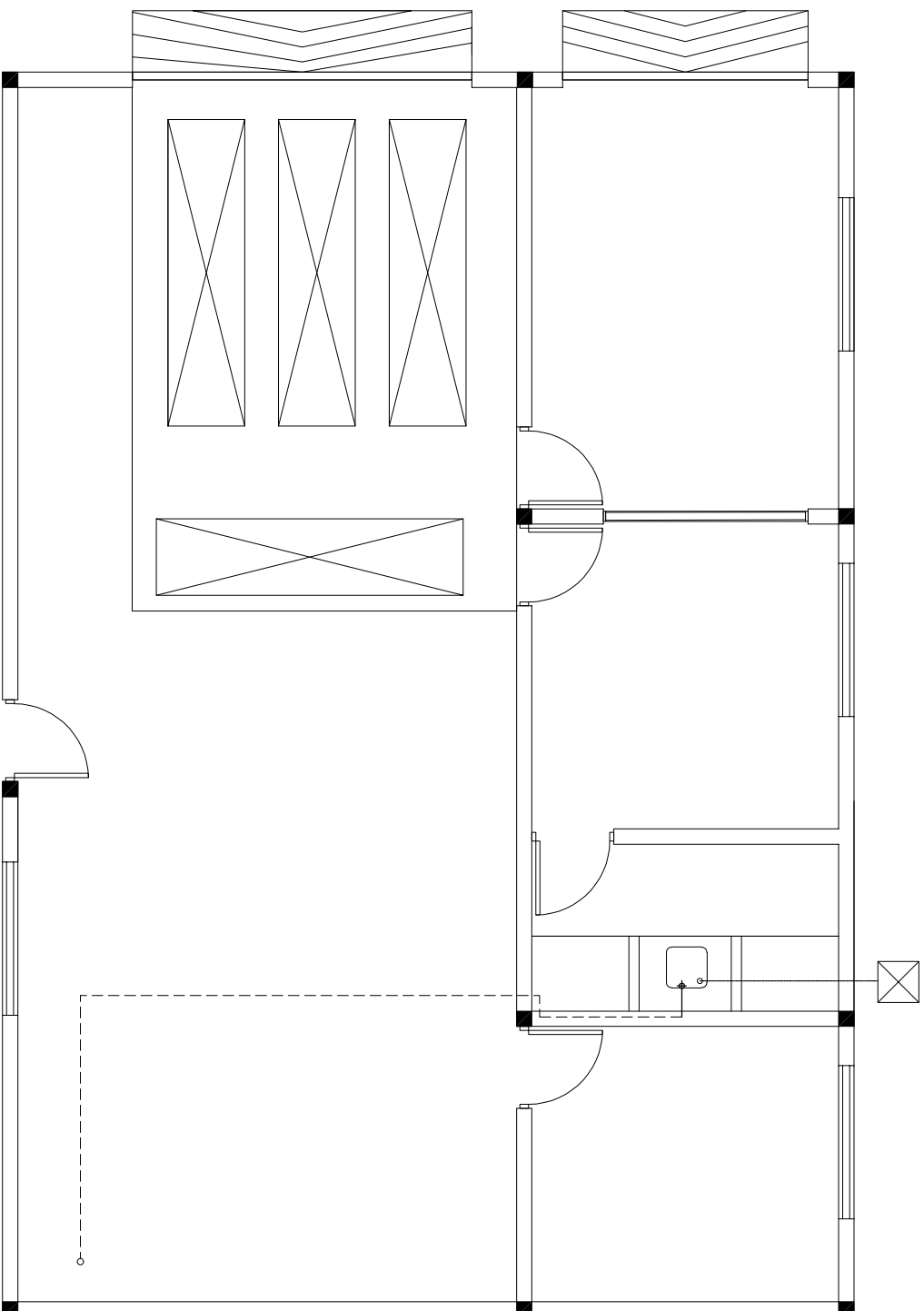
POWER SOCKET
[0.4m BELOW CEILING]

SINGLE GANG SWITCH

WALL MOUNT EXHAUST FAN

WALL MOUNT FAN

RO PLANT BUILDING
ELECTRICAL LAYOUT L. GAN



⊕ — PVC Sink Tap

☒ Soak pit

- - - 25mm PVC Pipe

..... 50mm PVC Train Pipe

RO PLANT BUILDING
PLUMBING LAYOUT L.GAN

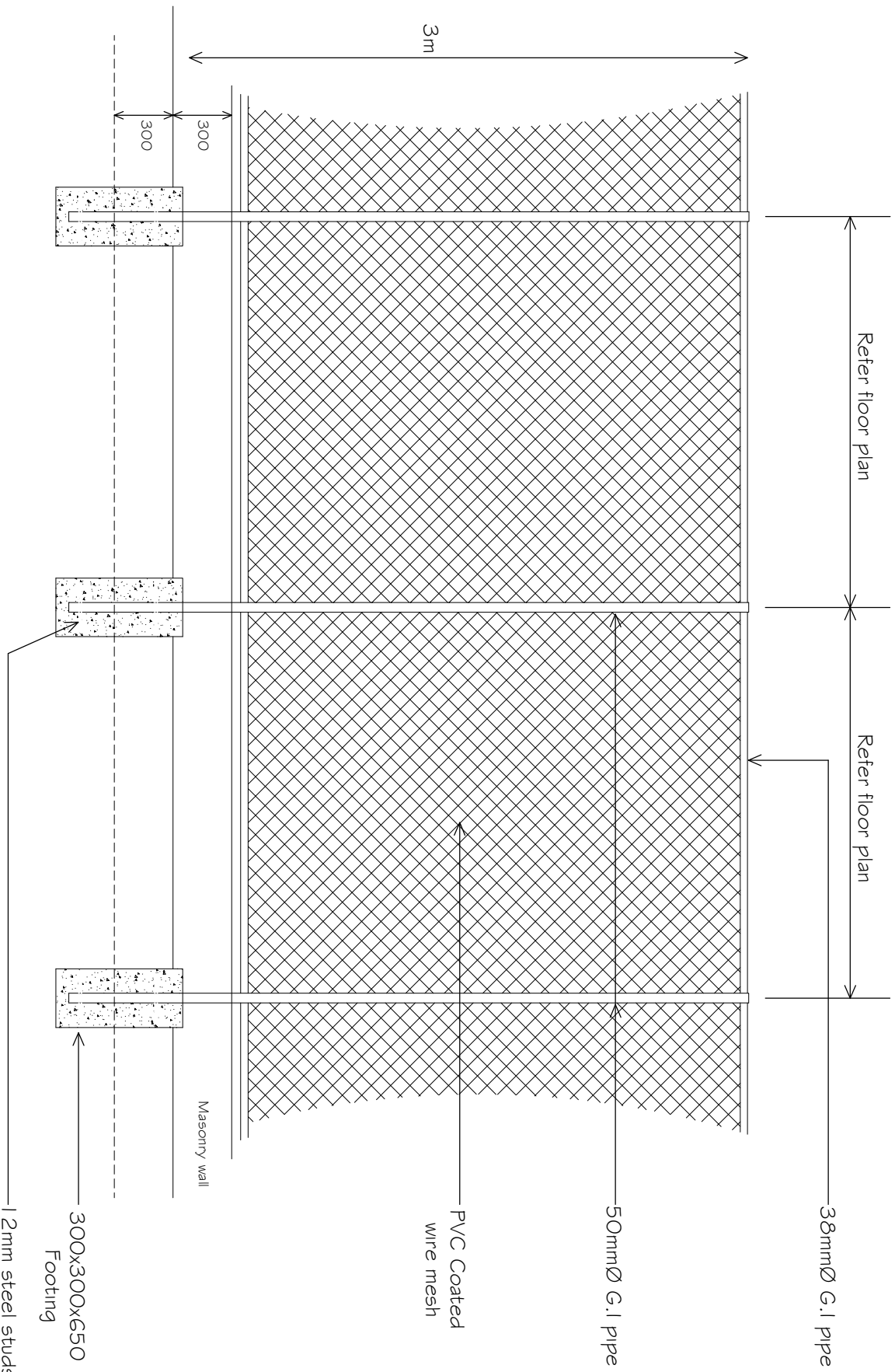
PROVISION OF WATER SUPPLY SANITATION AND SOLID
WASTE MANAGEMENT PROJECT

OPEC FUND FOR INTERNATIONAL DEVELOPMENT

PROJECT:
I 4 ISLAND WATER SUPPLY PROJECT

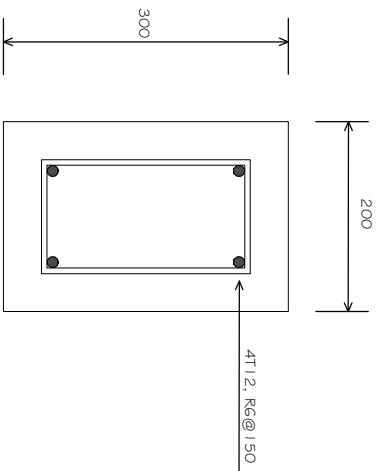
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DATE: MAR 2017

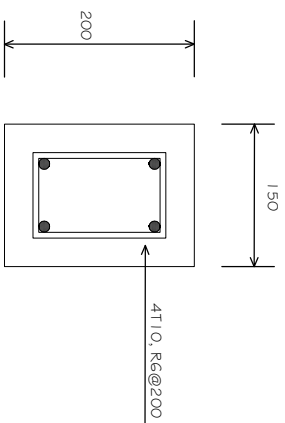


RO PLANT SITE
PERIMETER FENCE

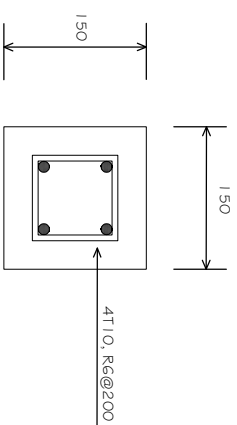




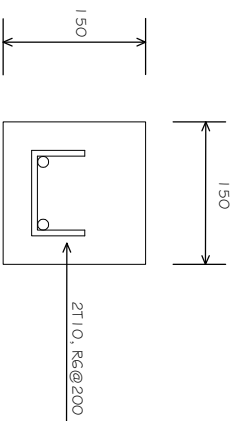
WALL FOOTING



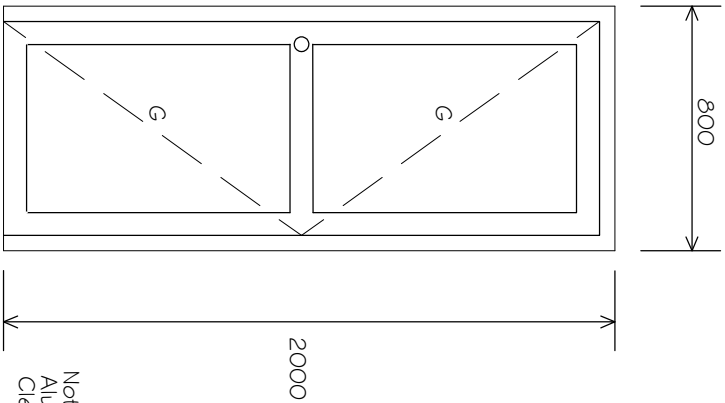
ROOF BEAM



STIFFENER COLUMN

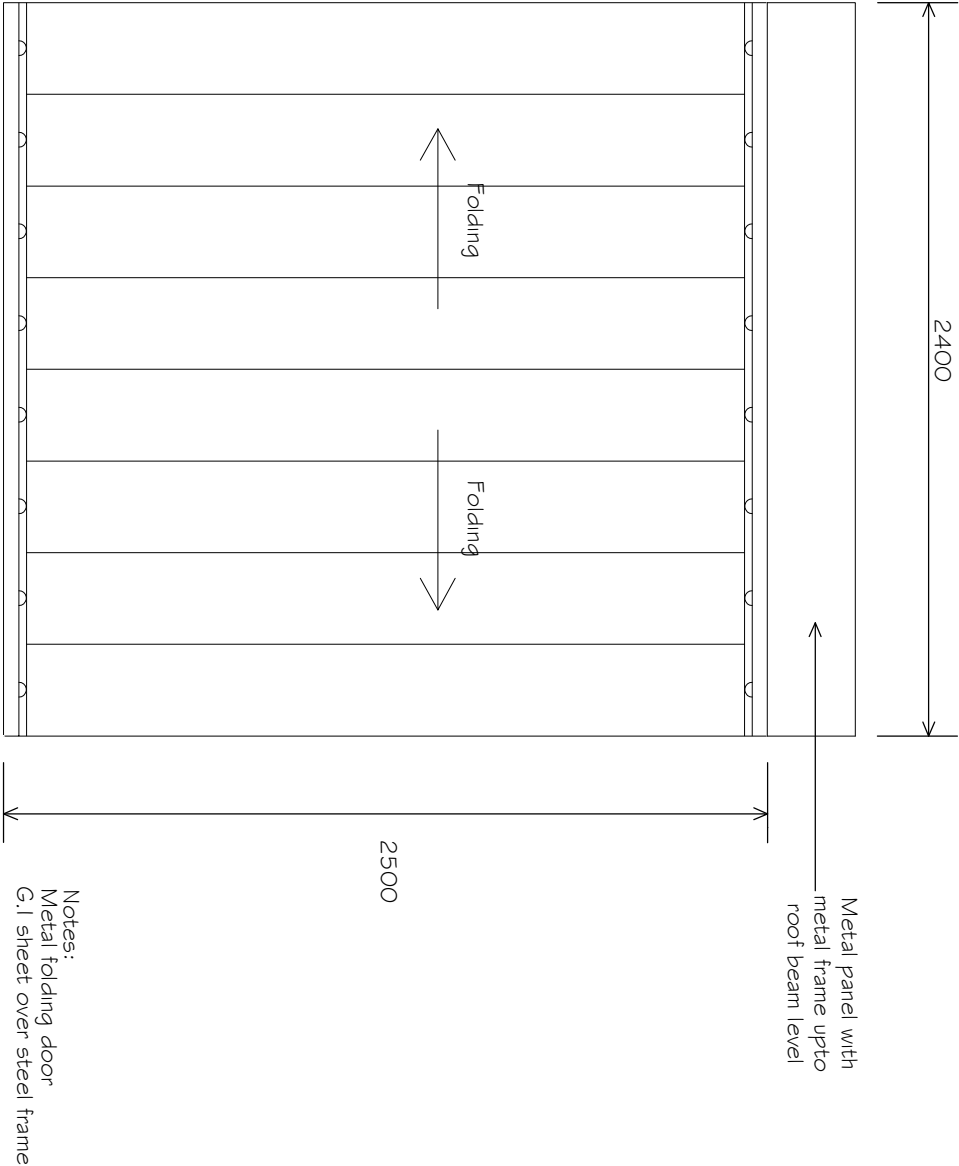


LINTEL BEAM



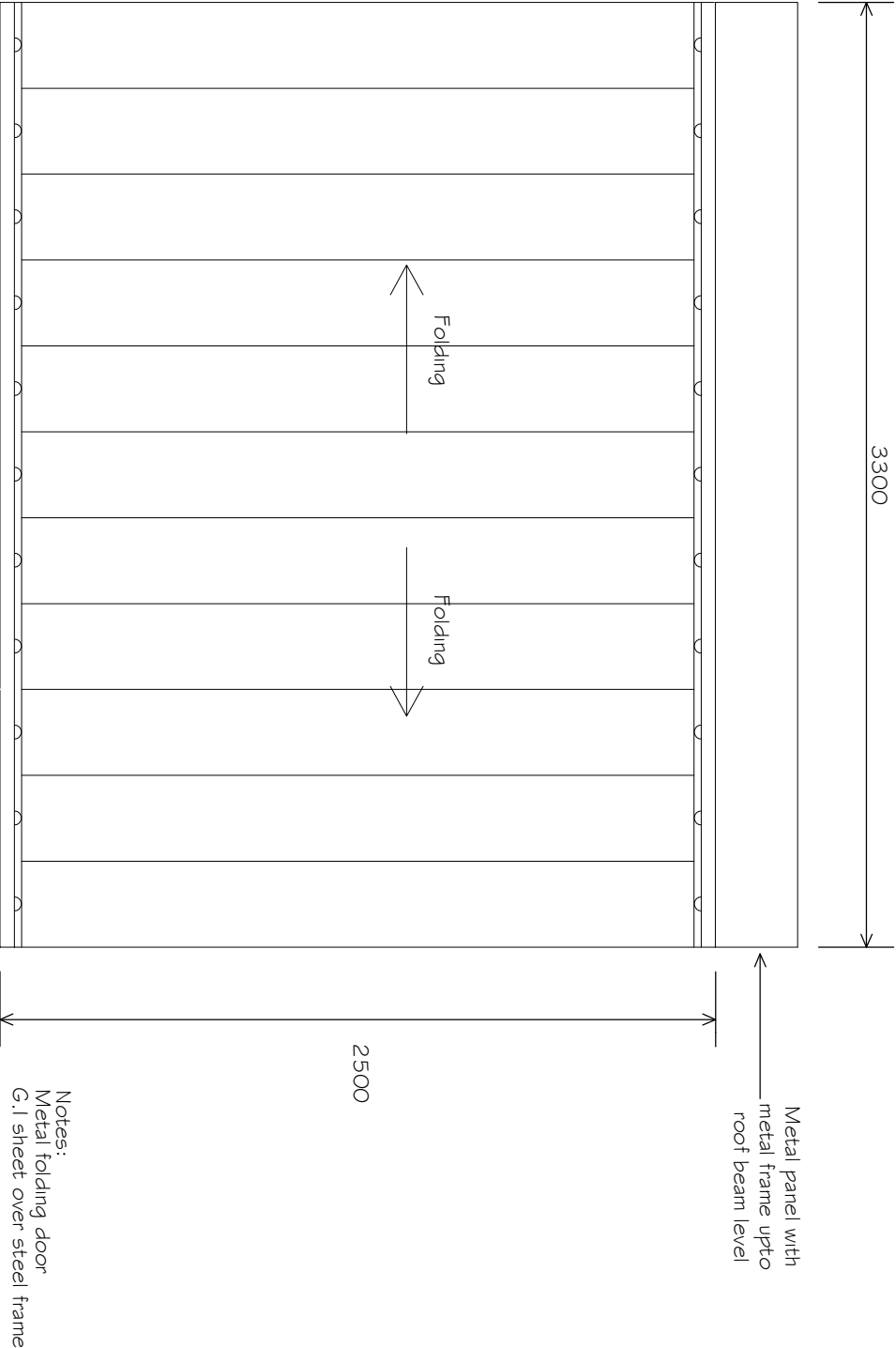
Notes:
Aluminum Door & Door frame
Clear glass panel

DOOR D1

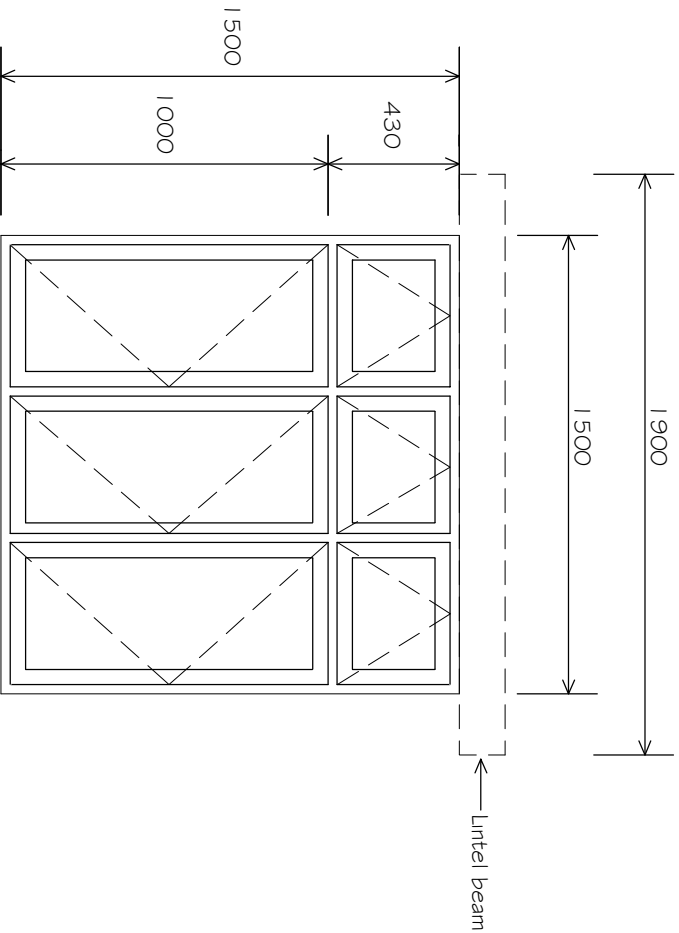


Notes:
Metal folding door
G.I sheet over steel frame

DOOR R1

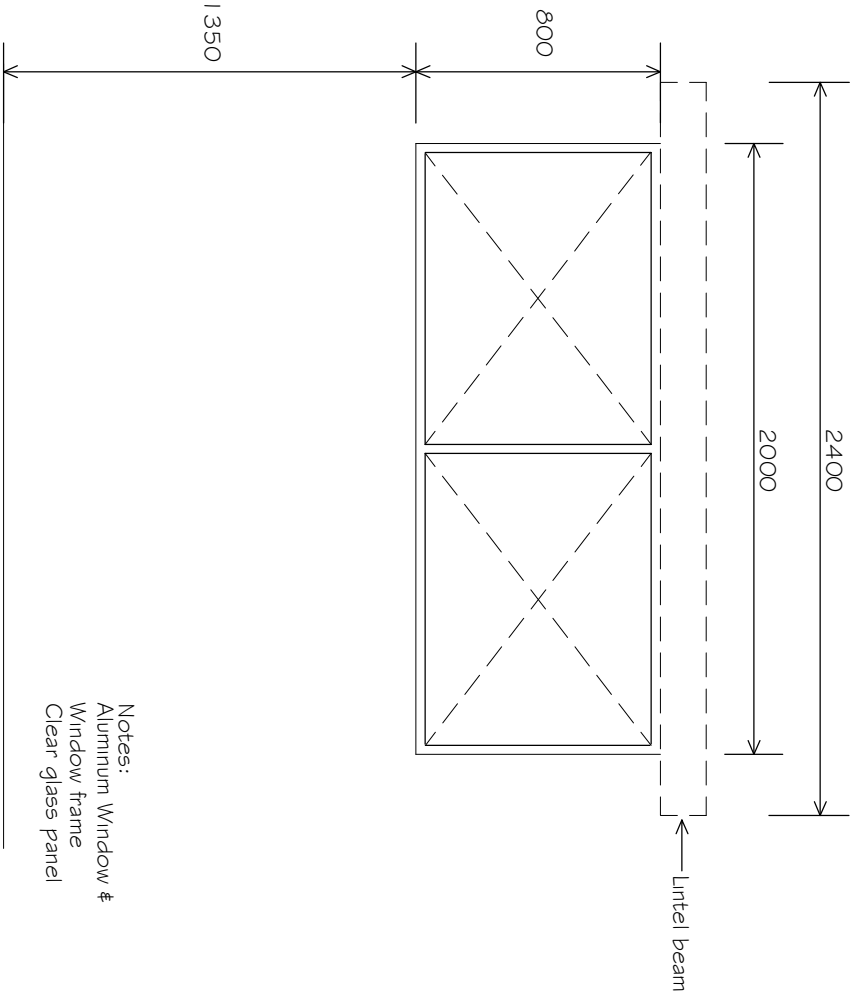


DOOR R2



Notes:
Aluminum Window #
Window frame
Clear glass panel

WINDOW W1

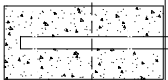
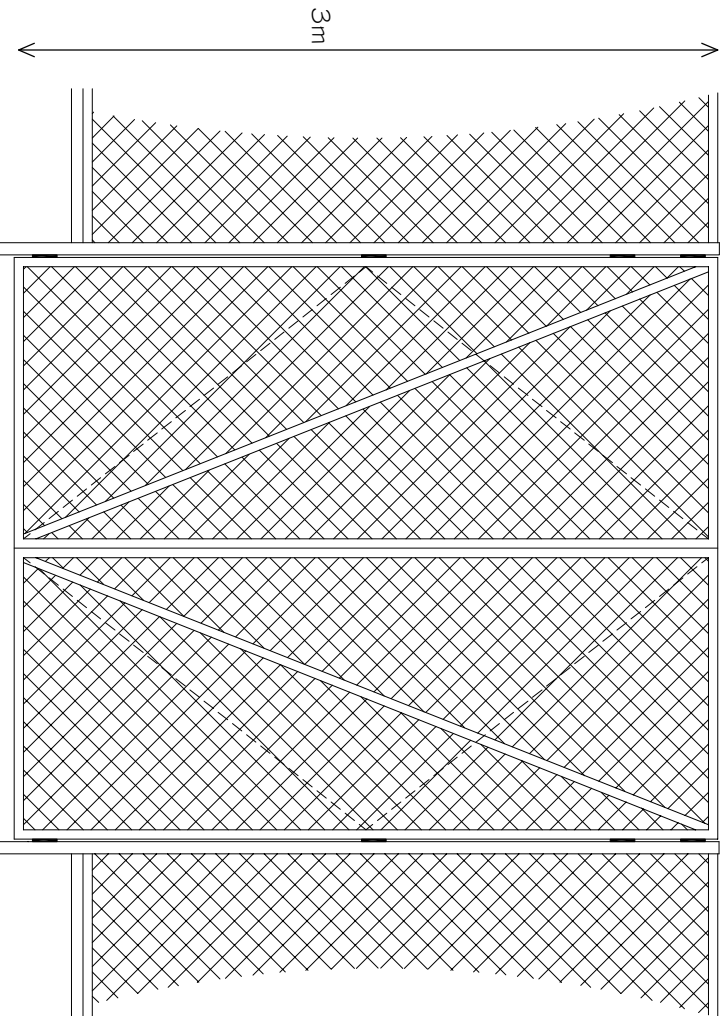


Notes:
Aluminum Window #
Window frame
Clear glass panel

WINDOW W2



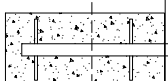
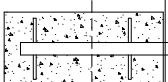
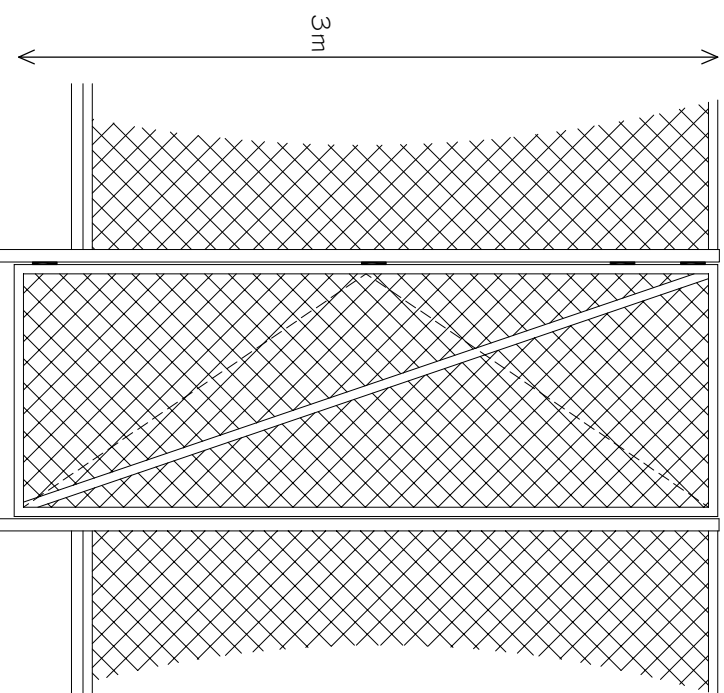
2400



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

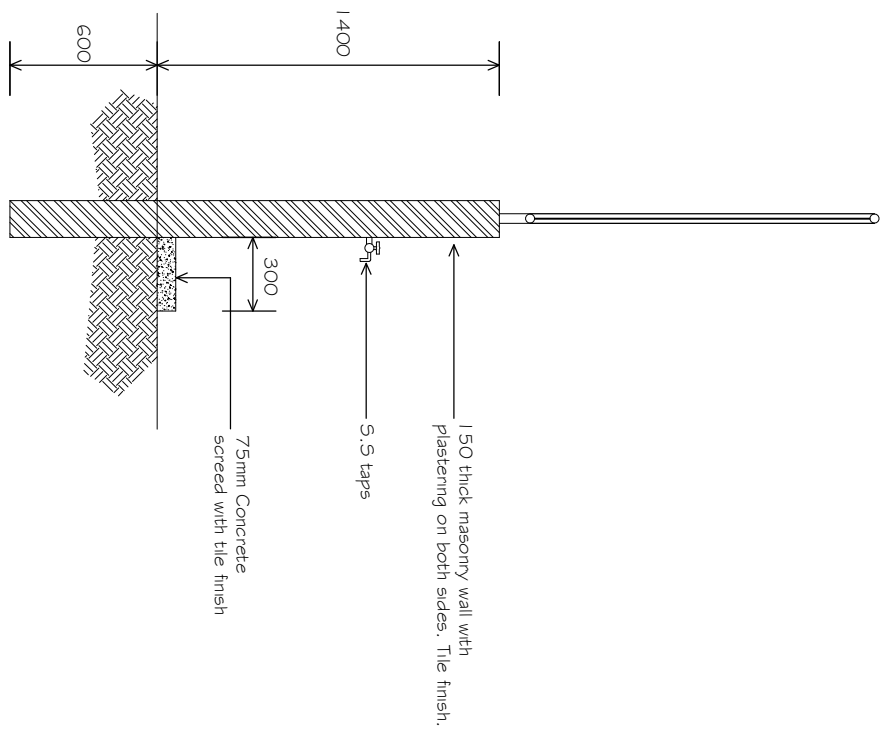
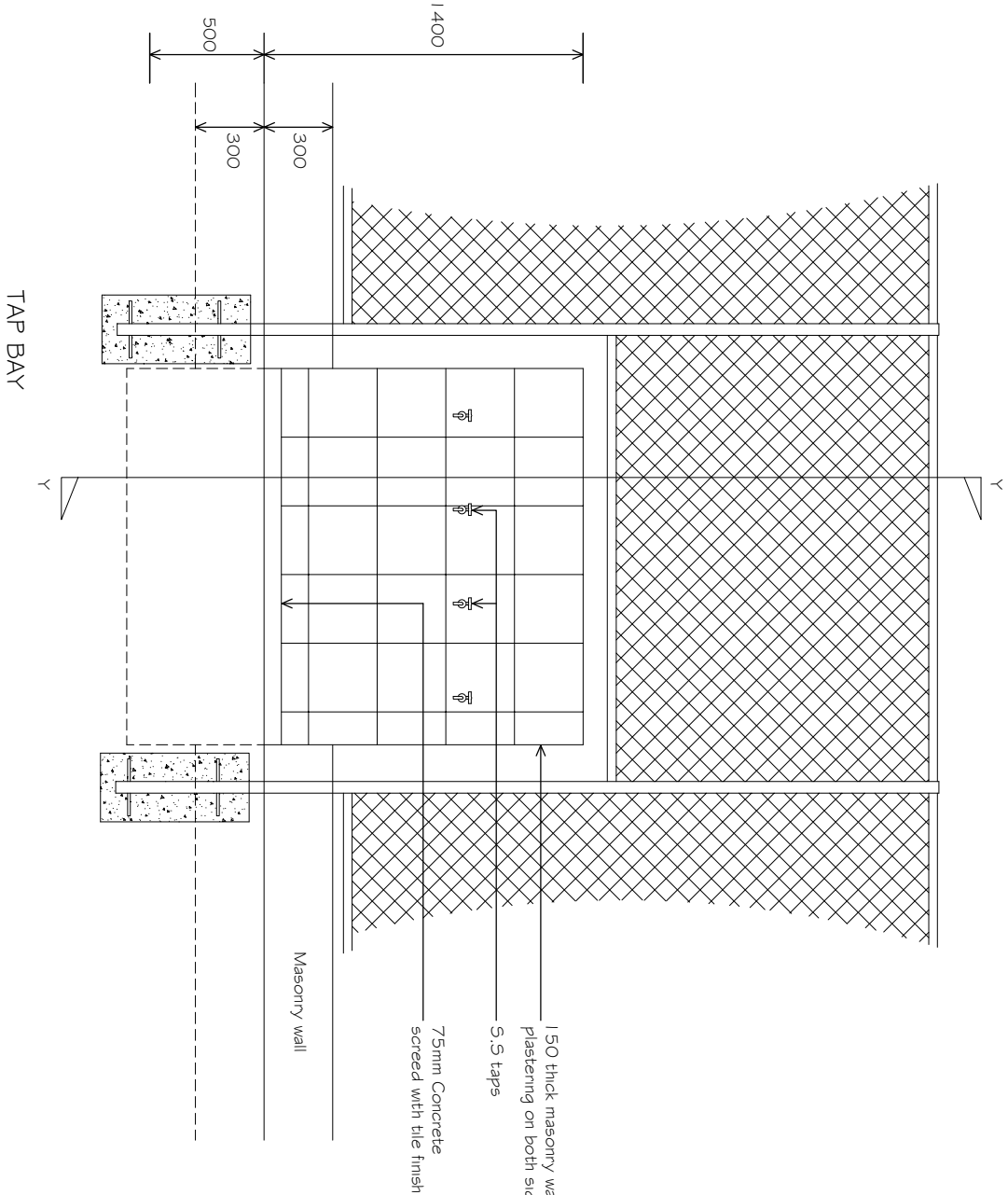
DOOR G1

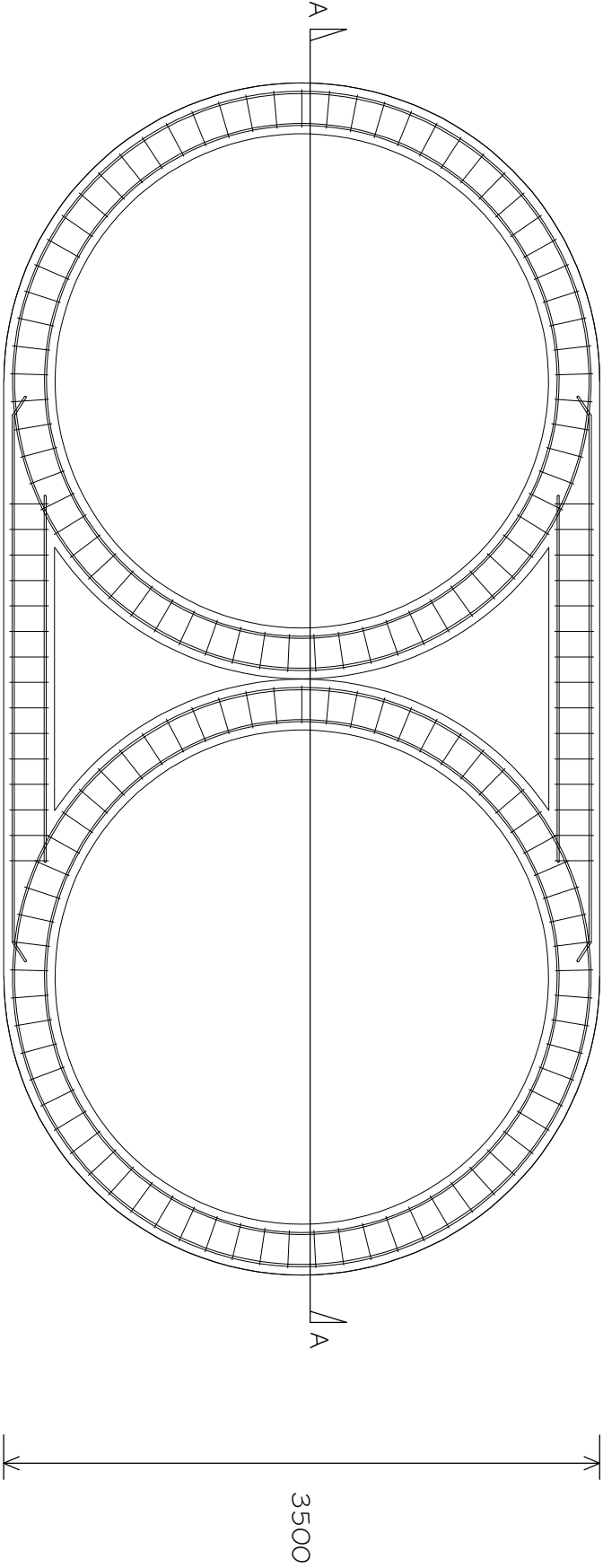
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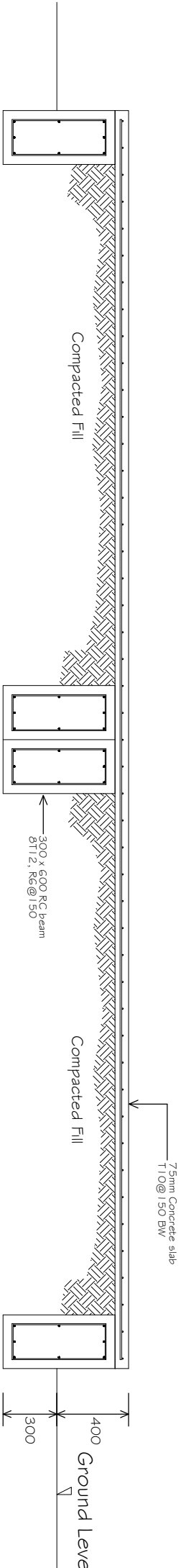
Notes:
Door made from 38mmØ G.I Pipe
Door covered with PVC coated wire mesh
Hinges and locking mechanism to be provided

DOOR G2

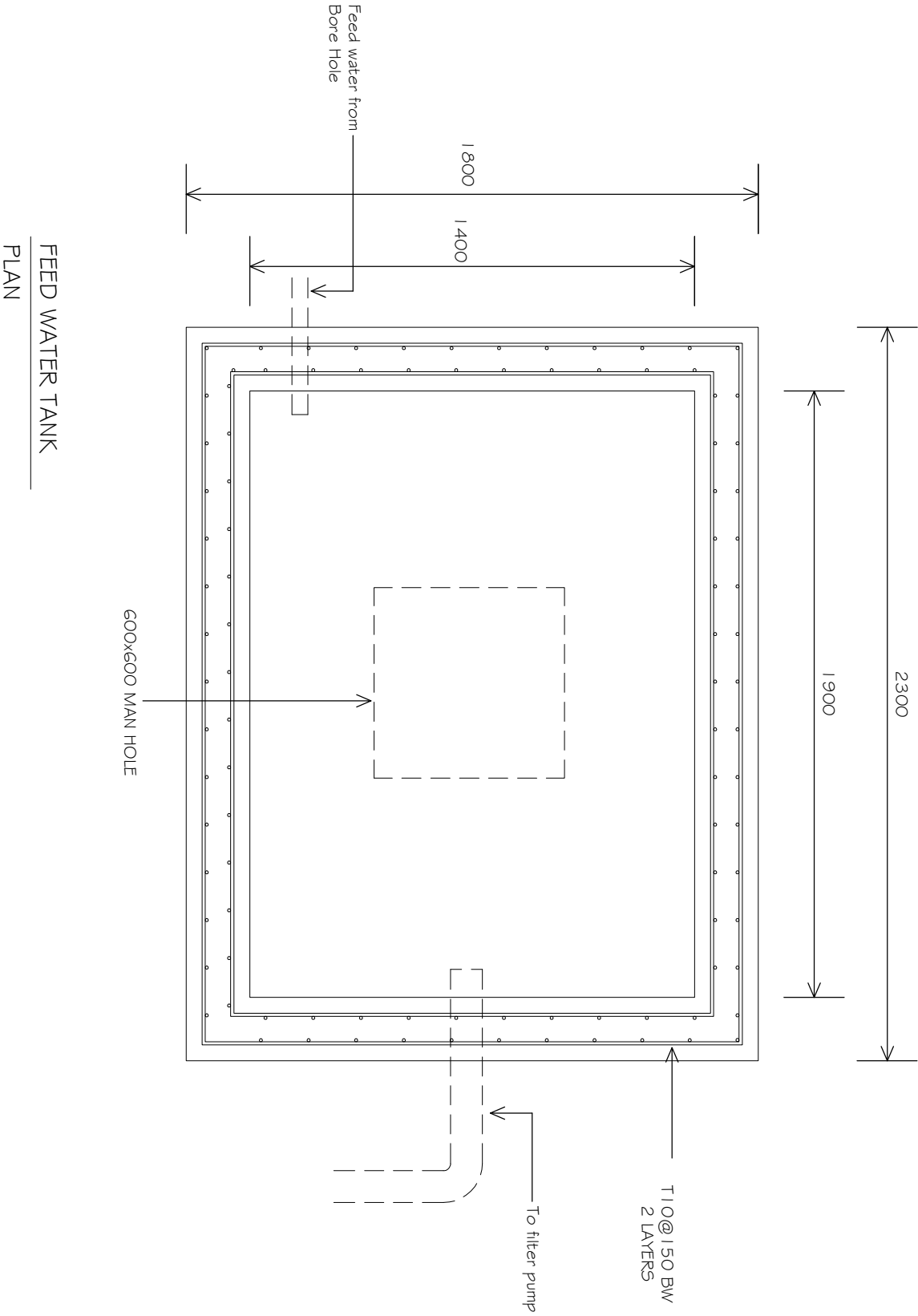


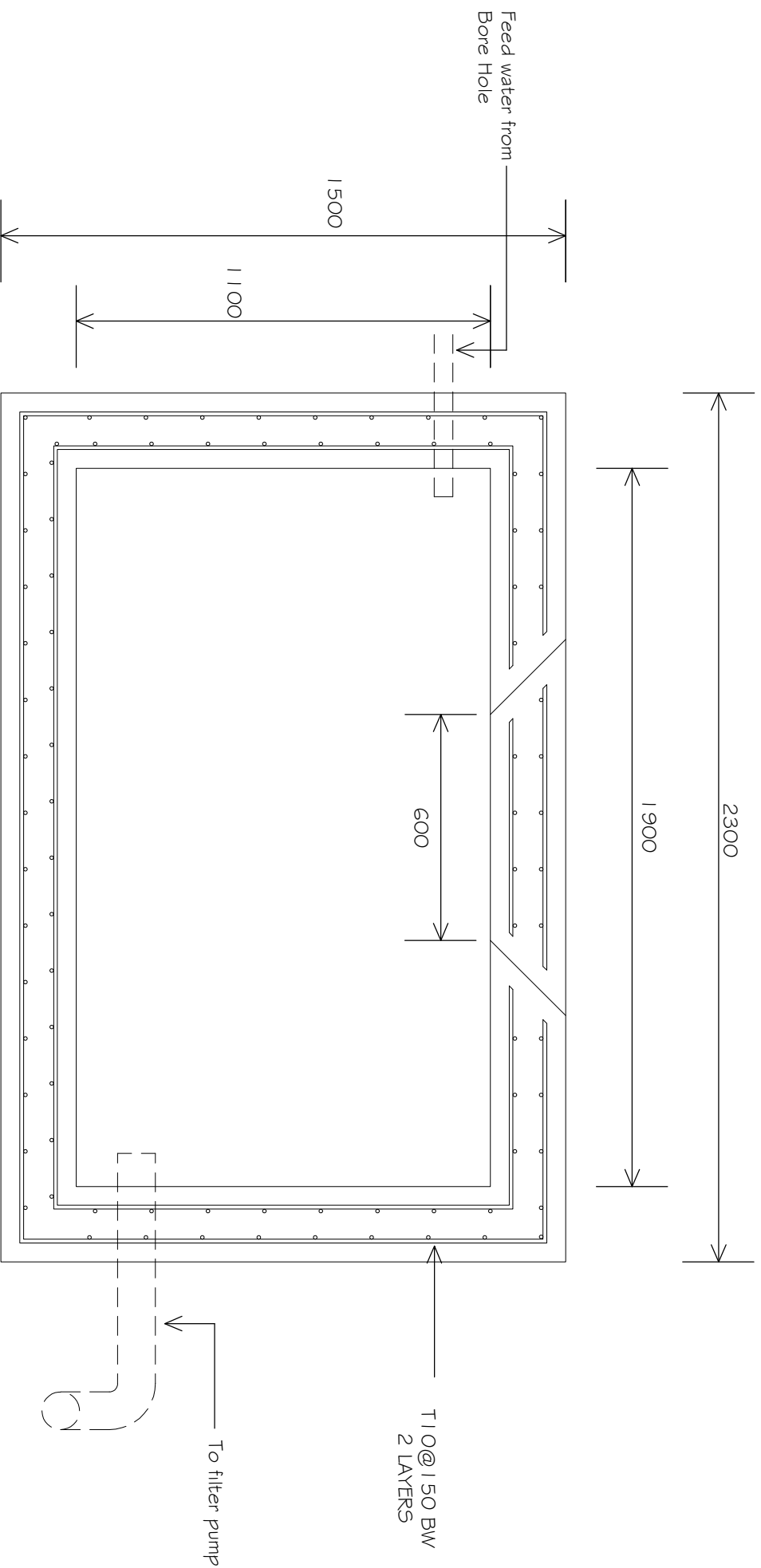


STORAGE TANK FOUNDATION
PLAN

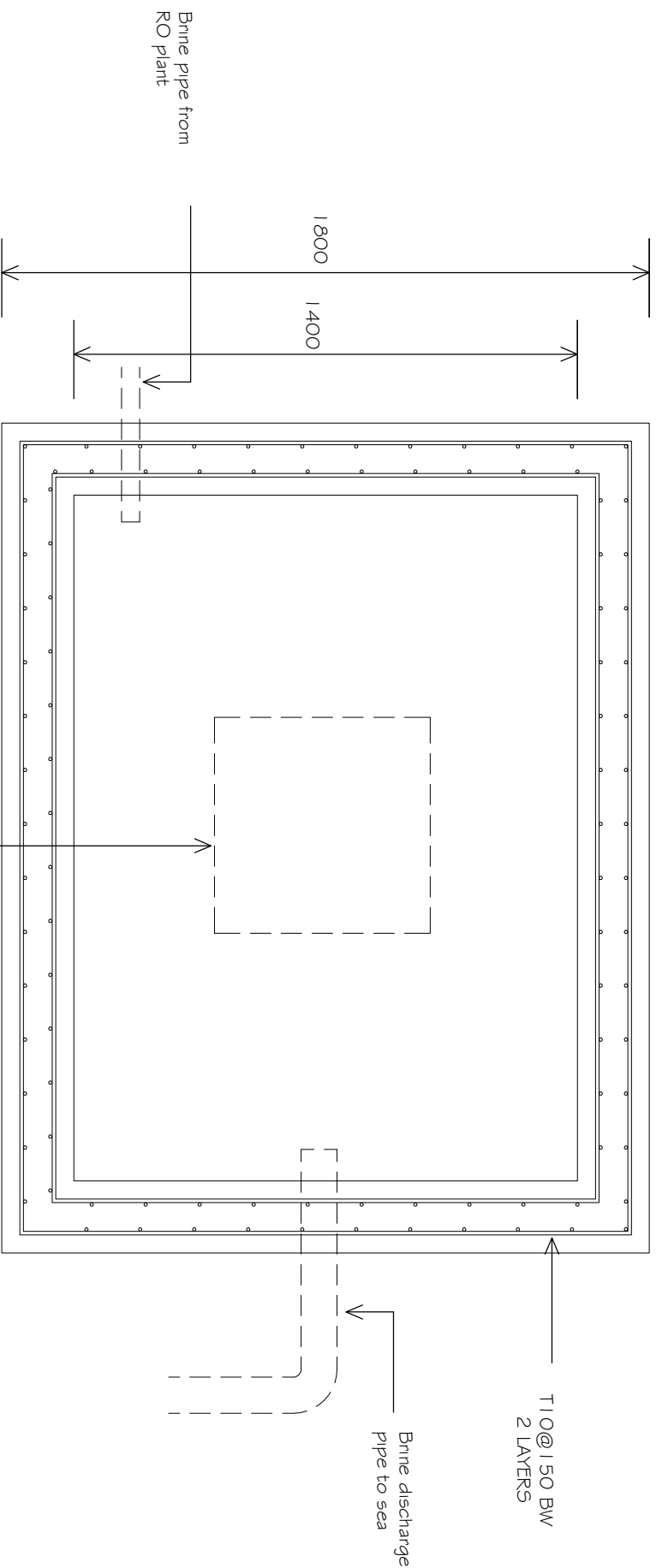
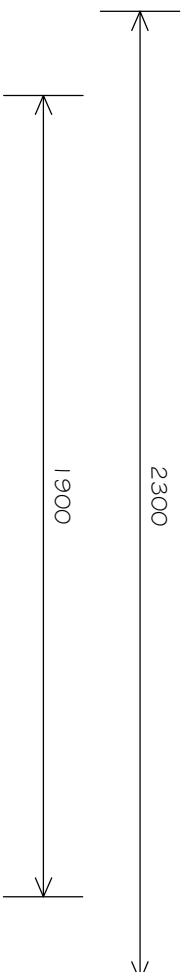


STORAGE TANK FOUNDATION
SECTION A-A

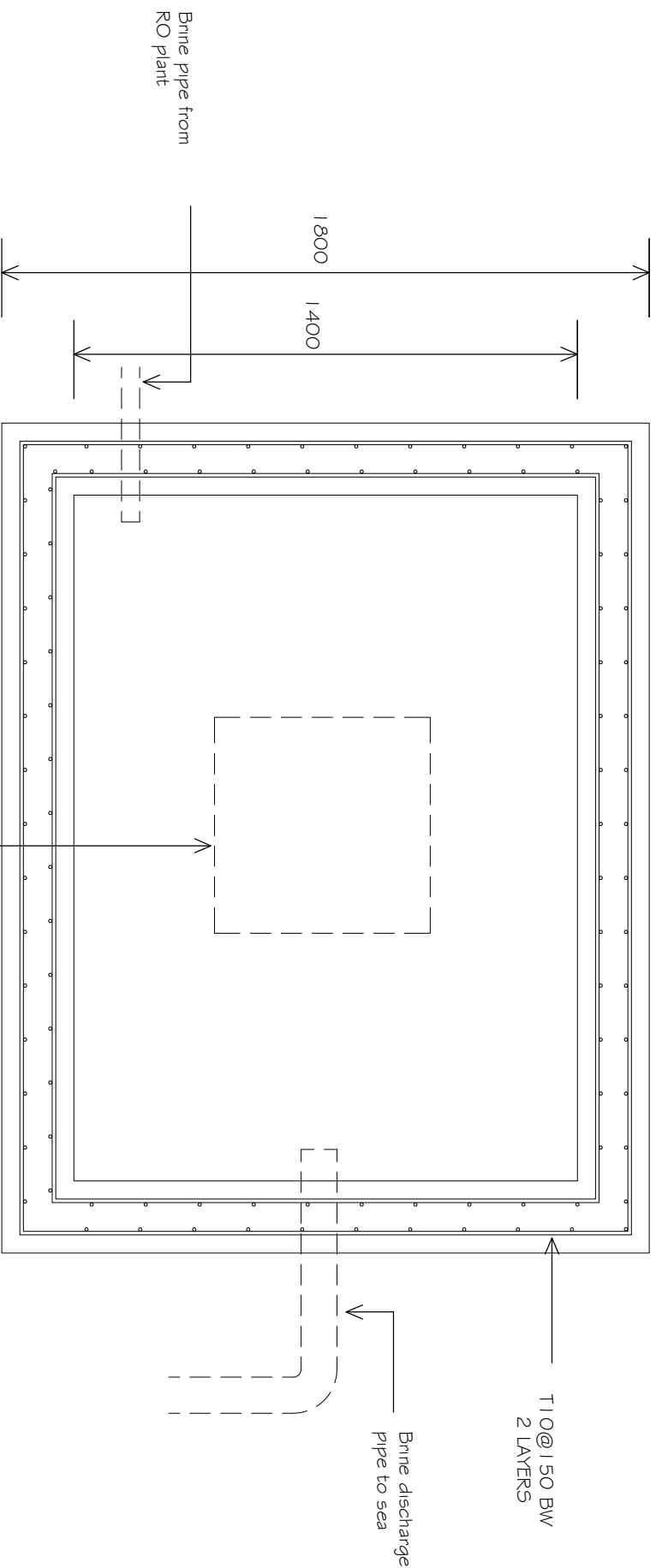
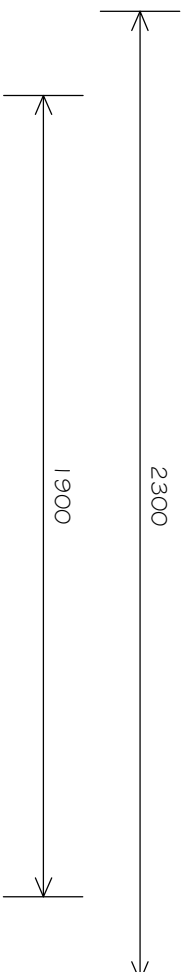




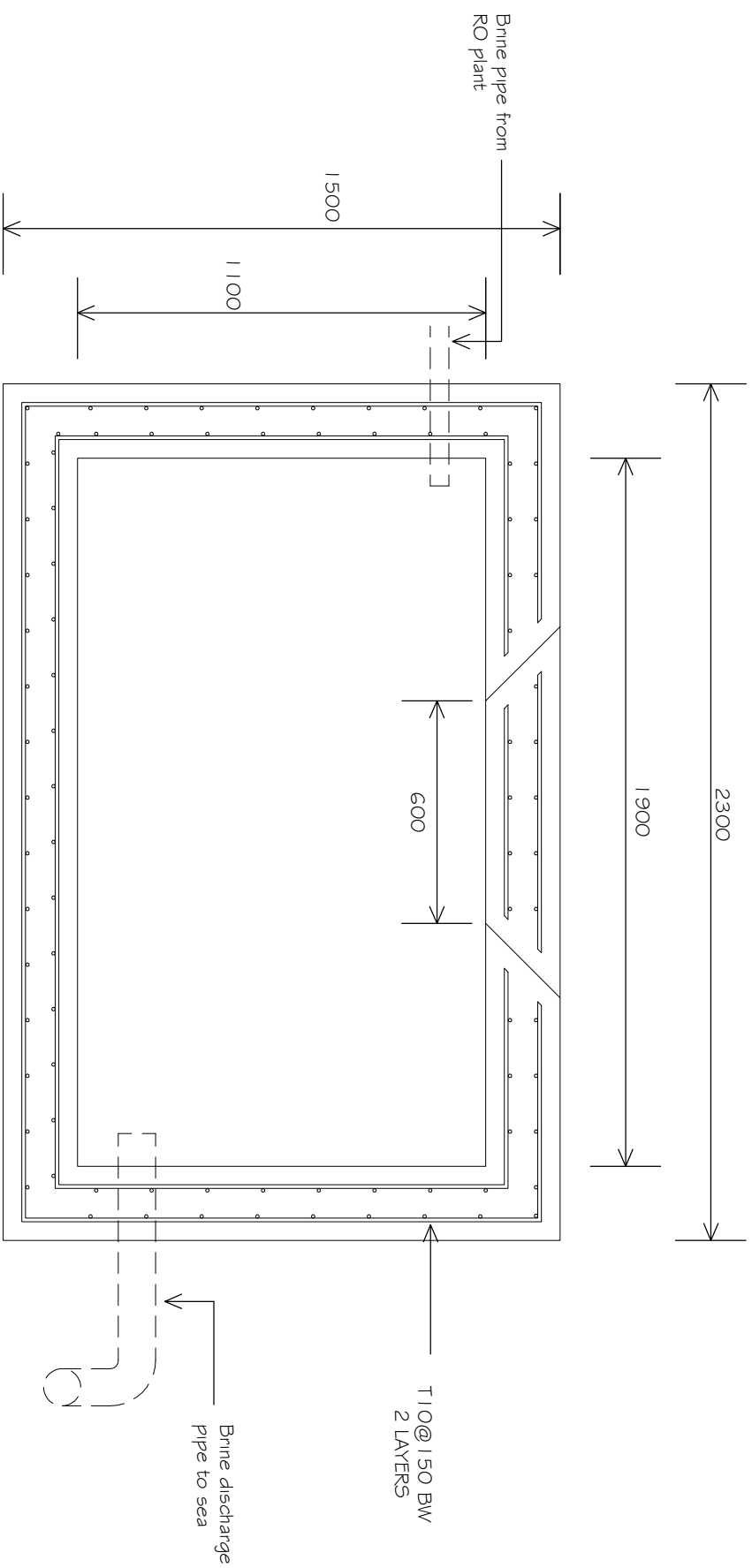
FEED WATER TANK SECTION



REJECT WATER TANK
PLAN

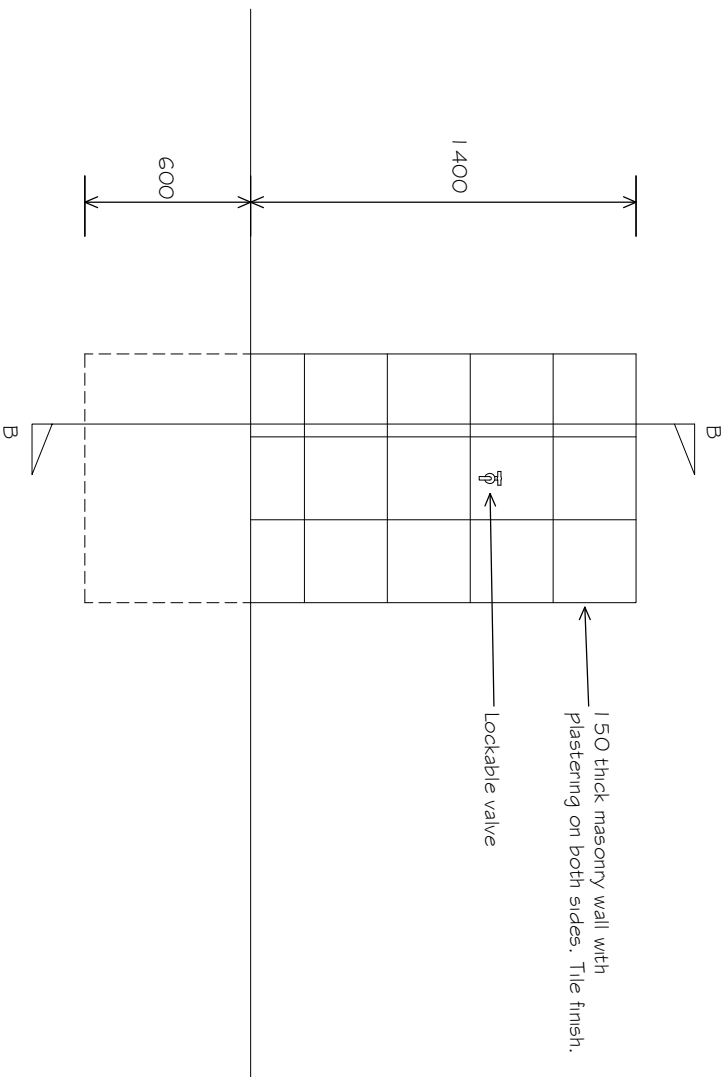


REJECT WATER TANK
PLAN

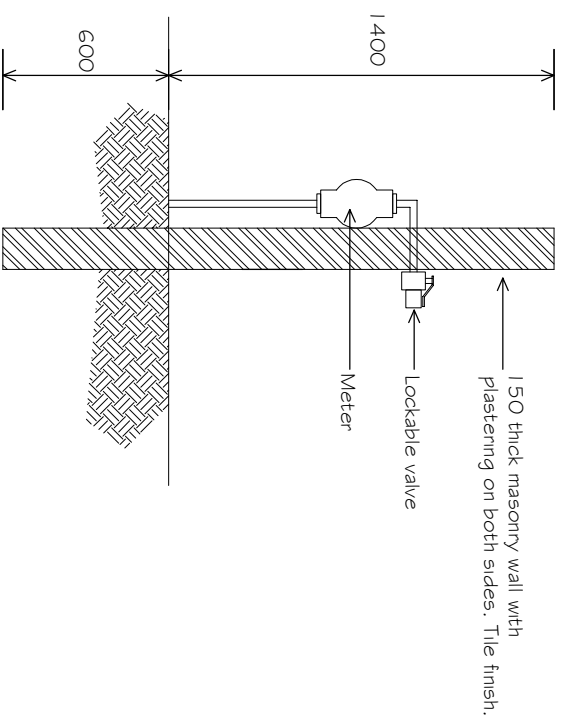


RECT WATER TANK
SECTION

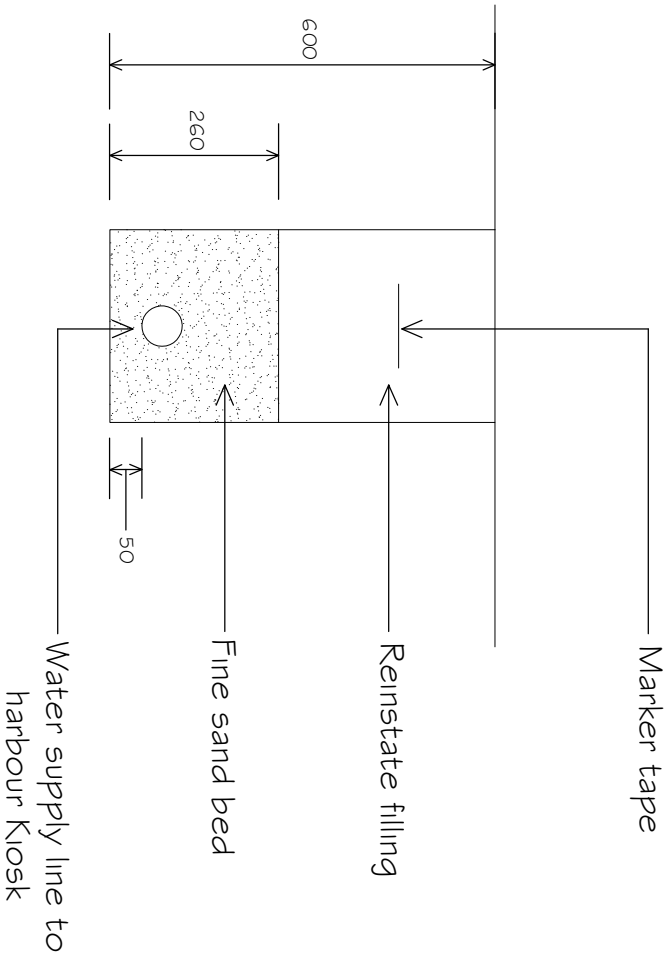




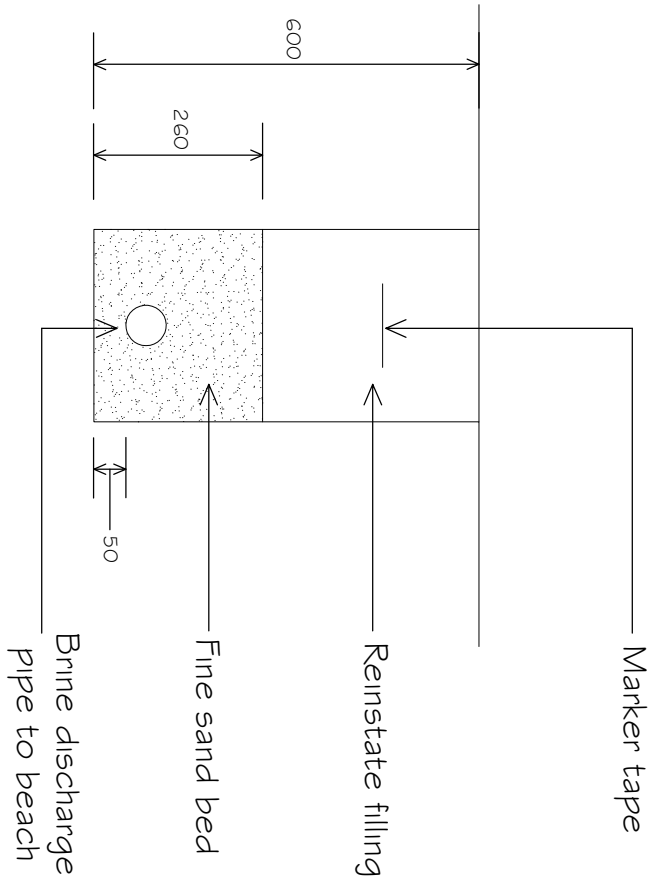
HARBOUR KIOSK



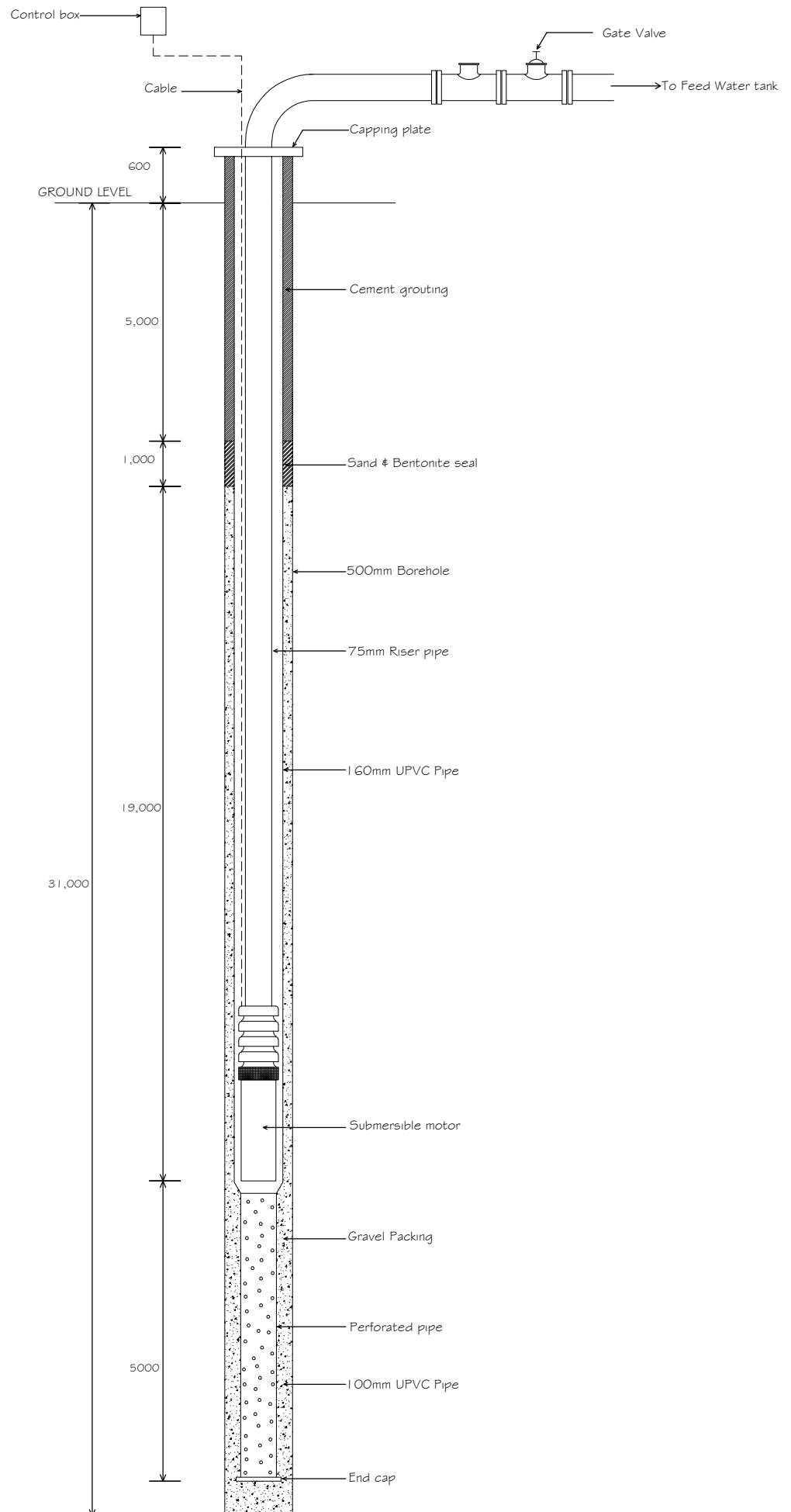
HARBOUR KIOSK
SECTION B - B



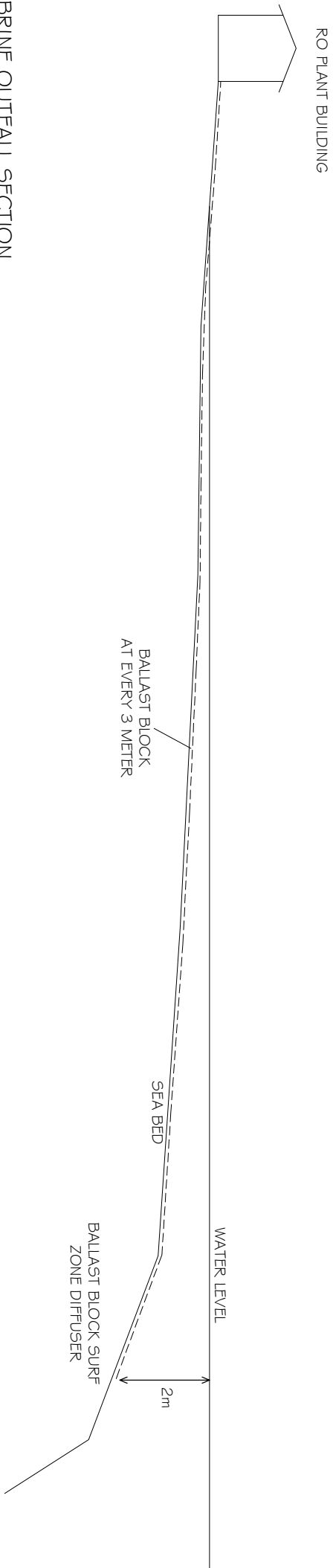
PIPE TRENCH DETAIL FOR HARBOUR KIOSK



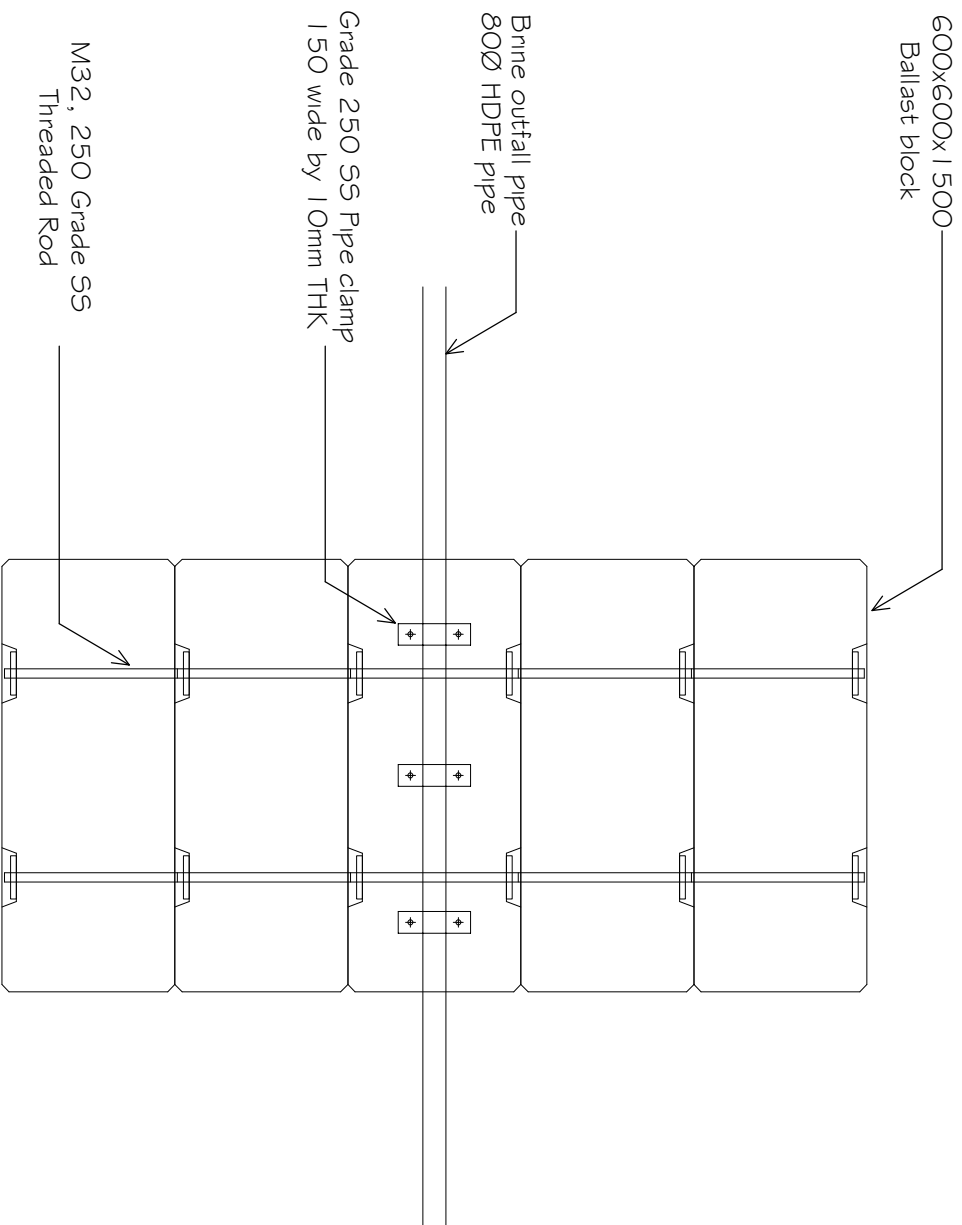
PIPE TRENCH DETAIL FOR BRINE DISCHARGE PIPE



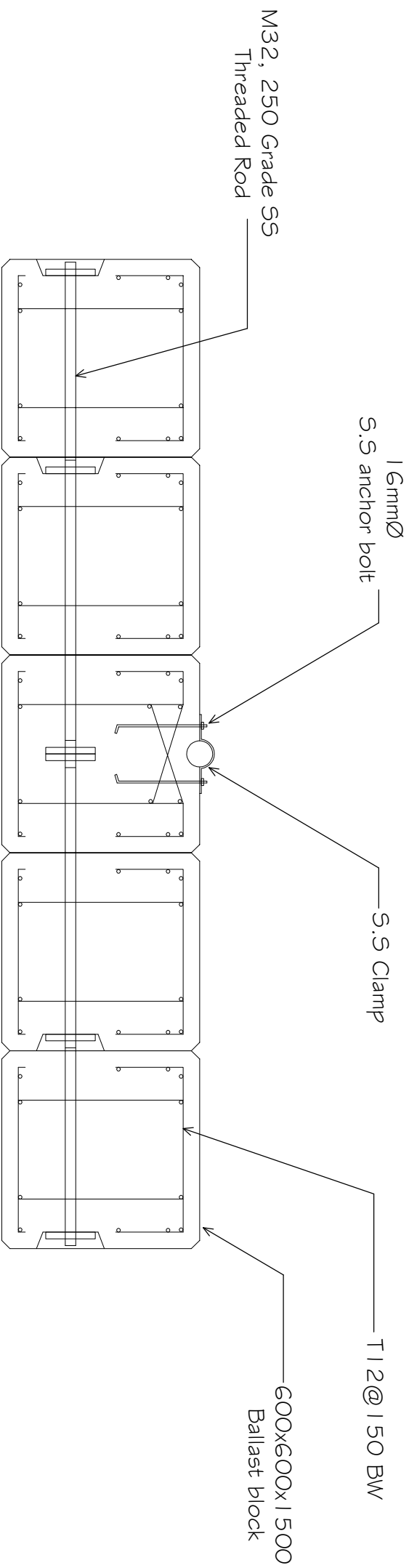
BORE WELL DETAIL



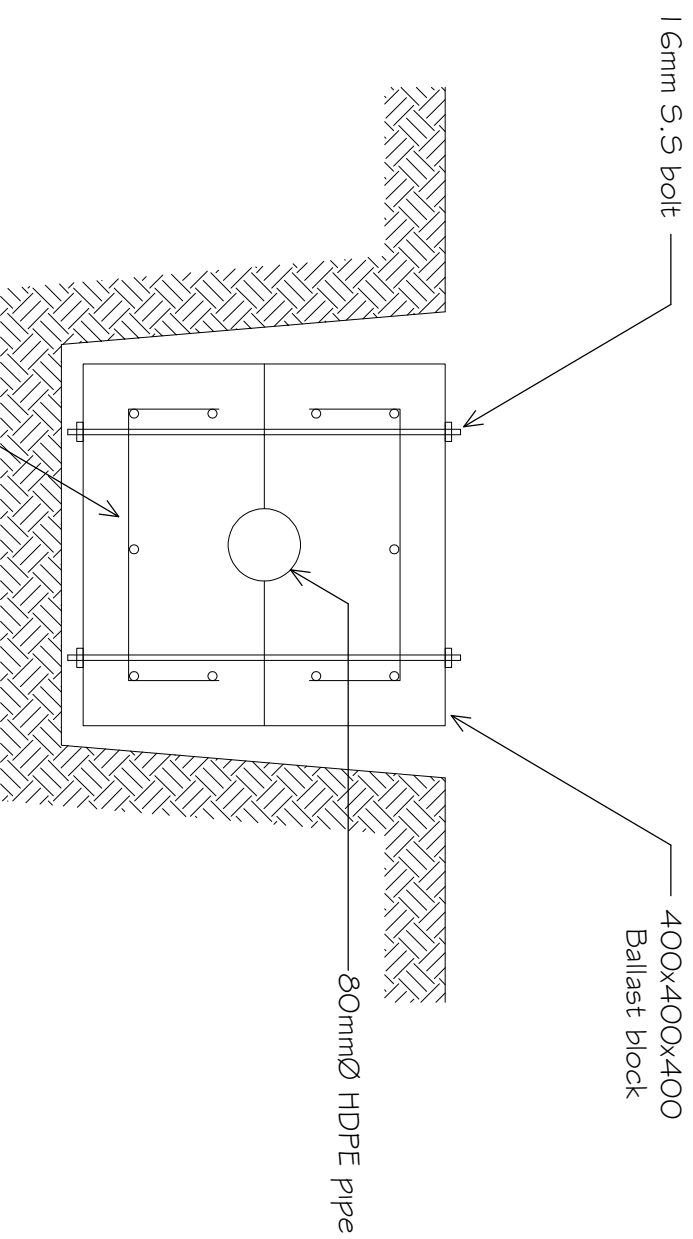
BRINE OUTFALL SECTION



BALLAST BLOCK - PLAN
SURF ZONE DIFFUSER

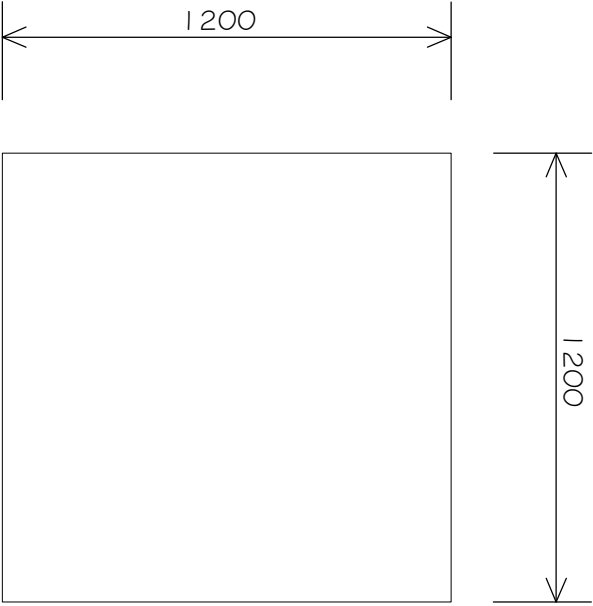


BALLAST BLOCK - SECTION
SURF ZONE DIFFUSER

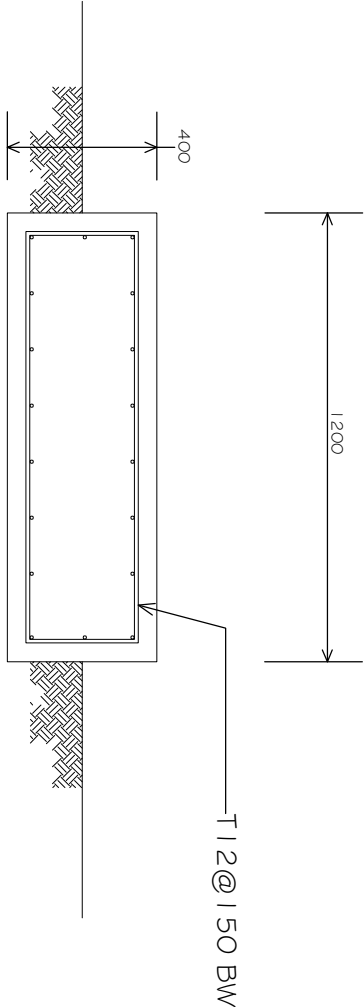


BALLAST BLOCK **NEARSHORE**





BACKWASH TANK FOUNDATION
PLAN



BACKWASH TANK FOUNDATION
SECTION