# Construction of
# Island Waste Management Center

# OFFICE BUILDING TYPE-A

Ministry of Environment, Climate Change and Technology
Green Building, Handhuvareehigun
Rep of Maldives

KOCKS CONSULT GMBH
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WATER SOLUTIONS PVT LTD
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# SITE PLAN

1:100

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|---|---|
| DESIGNED | KASDARLI |
| DRAFTED | JALEEL |
| CHECKED | FAYAZ |
| PROJECT# | 213-98616 |

AMMENDMENTS

DESIGN

| Scale | Paper |
|---|---|
| AS GIVEN | A4 |

Drawing No.
1

# GROUND FLOOR LAYOUT PLAN

1:100

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2

# ELEVATION A

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Drawing No.

3

# ELEVATION B

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AMMENDMENTS

DESIGN

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| AS GIVEN | A4 |

Drawing No.

4

# ELEVATION C

1:100

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Drawing No.

5

# SECTION X-X

1:100

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Drawing No.
6

# ROOF STRUCTURE PLAN

1:100


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Drawing No.
7

# ROOF LAYOUT PLAN

1:100

LF: LONGITUDINAL FLASHING
RC: RIDGE CAPPING

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Drawing No.
8

G: 6MM THK CLEAR GLASS

ALL DOORS AND WINDOWS SHOULD BE ALUMINIUM FRAME WITH POWDER COATED WHITE FINISH

# DOOR / WINDOW

1:50


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Drawing No.

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# DETAIL A

1:20

# DETAIL B

1:20

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Drawing No.
10

C1

FB

COVER

Foundations: 50mm

Columns : Below Ground 50mm, Above Ground 40mm

Ground Slab : 40mm

RB : 30mm

| PAD | SIZE | REINFORCEMENT |
|---|---|---|
| F1 | 500X500X300 | T10@150 BW |

# FOUNDATION AND COLUMN PLAN

1:100

# DETAIL C

1:20

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Drawing No.

11

NOTES:

GROUND SLAB IS 100 THICK ON 1000 GAUGE POLYTHENE DPM ON 200 COMPACTED HARDCORE

SLAB RFMT: T10@200 BW

## SLAB LAYOUT PLAN

1:100

## SECTION-S

1:20

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Drawing No.
12

## ROOF BEAM PLAN

1:100

RB1

## ROOF BEAM DETAILS

1:20


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Drawing No.
13

# LIGHTING LAYOUT PLAN

1:100

## ELECTRICAL LEGEND

- CEILING RECESSED E/S DOWN LIGHT
- WATERPROOF SPOTLIGHT LV HALOGEN
- EMERGENCY LIGHT(RECHARGEABLE)
- ONE-WAY SWITCH (SINGLE GANG)
- ONE-WAY SWITCH (DOUBLE GANG)
- TWO-WAY SWITCH (SINGLE GANG)
- WALL SOCKET OUTLET (DOUBLE GANG)
- SERVICE SOCKET OUTLET
- WATERPROOF WALL SOCKET OUTLET (SINGLE GANG)
- WATERPROOF SERVICE SOCKET OUTLET (SINGLE GANG) 1.8 H
- CEILING FAN 1.2M DIA
- D-BOARD
- P WELL WATER PUMP

NOTE:

ALL HEIGHTS ARE FROM FINISHED FLOOR LEVEL

ALL WALL SOCKET OUTLETS ARE 0.3M AFFL EXCEPT WHERE STATED

ALL LIGHT SWITCHES ARE AT 1.2M AFFL

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Drawing No.

14

# FAN & POWER LAYOUT PLAN

1:100

## ELECTRICAL LEGEND

- CEILING RECESSED E/S DOWN LIGHT
- WATERPROOF SPOTLIGHT LV HALOGEN
- EMERGENCY LIGHT(RECHARGEABLE)
- ONE-WAY SWITCH (SINGLE GANG)
- ONE-WAY SWITCH (DOUBLE GANG)
- TWO-WAY SWITCH (SINGLE GANG)
- M — MAINS CONTROL
- WALL SOCKET OUTLET (DOUBLE GANG)
- SHAVER SOCKET OUTLET (SINGLE GANG) 1.2M H
- SERVICE SOCKET OUTLET
- WATERPROOF WALL SOCKET OUTLET (SINGLE GANG)
- WATERPROOF SERVICE SOCKET OUTLET (SINGLE GANG) 1.8 H
- CEILING FAN 1.2M DIA
- D-BOARD
- F — FAN DIMMER

ALL HEIGHTS ARE FROM FINISHED FLOOR LEVEL

ALL WALL SOCKET OUTLETS ARE 0.3M AFFL EXCEPT WHERE STATED

ALL LIGHT SWITCHES ARE AT 1.2M AFFL

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Drawing No.
15

# SEWAGE DISPOSAL AND WATER SUPPLY LAYOUT PLAN

## PLUMBING LEGEND

- MUSLIM SHOWER
- FAUCET
- SHOWER ROSE
- DIA 100 DRAIN
- CLEAN-OUT HATCH
- GATE VALVE
- DIA 100 WASTE PIPE
- DIA 50 WASTE PIPE
- DIA 12 COLD WATER SUPPLY


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16