Diesel Tank Station

Outfall_1 with grit removal chamber
IL 1.10

Waste accepting and processing area (ramp) harbour

Storage area

Crane

Ramp

Outfall_1 with grit removal chamber
IL 1.10

Roofed area parking shed

Parking area

Workshop

Administration building with weighbridge

ELV processing

Storm water ditch

NSHV - low voltage main distribution board

Transformer 630 kVA

Parking area

C & D

Septic Tank

Guardhouse

Baling press

Storage zone for bales

Later stage: sorting facility

Shut off valve

Connection Point Water

Connection Point Electricity

Water meter

Legend:

Water supply

Firefighting water with fire hydrant — H — length m - material / diameter mm

Drinking water — length m - material / diameter mm

Stormwater drainage

M2_21
GL 1.85
IL 1.55
D 0.30

length m - height/width mm - gradient

Electricity

Septic Tank

Connection Point Water

Connection Point Electricity

Silt catch pit

Manhole

Outfall with grit removal chamber

Shut off valve

Water meter

Waste Area Boundary
Shoreline Jan 2018
Structures
Edge of Surface
Water Body
Quaywall
Revetment-Bottom
Revetment- Top
Wall
Outer Reef

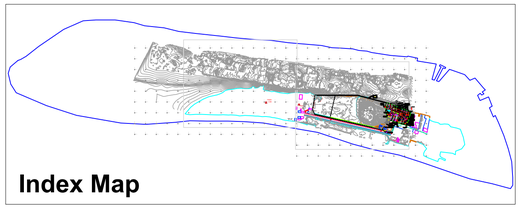
-3m Bathymetry Contours In Meter

Permanent Survey Mark (PSM)

CONTROL POINTS

Point ID	Easting	Northing	Height (MSL)
PSM95	326321.544	462476.291	1.433
PSM91	326016.292	462492.867	1.589

Note: Permanant Survey Markers(PSM's) are established by MTCC.



Index Map

Geodetic Parameters

Coordinate System: UTM Zone 43 N
Projection: Transverse Mercator (TM)
Datum: WGS 84
Longitude of Origin 0.00000000
Central Meridian: 75 W
Scale Factor :0.99960000000000040
False Easting: 500000.000
False Northing: 0.0000000.
Semi-Major Axis (a) (Metres):6378137.000
Semi-Minor Axis (b) (Metres):6356752.3142451793

Vertical Datum : MSL (Hulhule)

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	Name	Date
Designed	Kasdarli / Gajurel / Gipp	May 2018
Drafted	Deubel / Leins	May 2018
Checked	Kasdarli / Gajurel / Gipp	May 2018
Project No.	213 - 68524	

Client	**Ministry of Environment and Energy**
Project Title	Consultancy Services for Feasibility Study for an Integrated Solid Waste Management System for Zone III (including Greater Malé) and Preparation of Engineering Design of the Regional Waste Management Facility at Thilafushi
Design phase	Detailed Design Harbour Rehabilitation
Contents	Layout Entrance Area: Stormwater drainage, water, wastewater and electricity supply
Scale	1 : 500
Drawing No.	6.1.1 — Paper — A1

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