



NOTES:-

- ALL DIMENSIONS ARE IN METERS.
- SITE LEVELS ARE TO BE COORDINATED BY THE CONTRACTOR.
- PUMPED LINES/ PRESSURE LINES TO USE HDPE PIPES. OTHER FLOW LINES TO USE UPVC PIPES.
- CONTRACTOR TO PREPARE DETAILED DRAWING AND OBTAIN APPROVAL OF MEEW BEFORE START OF CONSTRUCTION.
- LAYOUT OF COMPACT UNIT WASTE WATER TREATMENT PLANT FOR THULHAADHOO ISLAND AVERAGE FLOW Q= 250m³/Day EXPANDABLE UPTO 500m³/Day.
- SLUDGE STABILIZED, DIGESTED AND DISINFECTED FROM TANK (C) CAN BE PERIODICALLY (ONCE MONTHLY) PUMPED THROUGH EFFLUENT OCEAN DISPOSAL PIPE LINE.
- IF RAW SEWAGE CAN BE PUMPED DIRECTLY TO SPLITTER BOX FROM LIFTING STATIONS, UNIT (A) (COLLECTION WELL) CAN BE AVOIDED. (AS PER MANUFACTURES SPEC.)
- ALL SITE LEVELS TO BE COORDINATED BY THE CONTRACTOR AND WRITTEN APPROVED FROM MEEW TO BE OBTAINED BEFORE START OF WORK.
- ALL DIMENSIONS ARE INDICATIVE, CONTRACTOR MAY PROPOSE C/WIP TO FIT WITHIN THE PLOT BOUNDARY.
- THE SIZES FOR UNITS A & B, C & D ARE INDICATIVE ONLY.
- THE PIPE DIMENSIONS REPRESENT IN OUTSIDE DIAMETER (Ø D).

LEGEND:-

- (A) COLLECTION WELL WITH SCREEN, GRIT & GREASE REMOVAL FACILITY
- (B) COMPACT WASTE WATER TREATMENT UNIT (INCLUDES AERATION AND SETTLING)
- (C) SLUDGE TANK
- (D) EFFLUENT TANK WITH EFFLUENT DISPOSAL PUMP
- (E) SEA OUTFALL
- (F) 1.2m PAVEMENT ALL ACROSS THE TREATMENT FACILITY.
- (G) 1m HIGH LANDSCAPING (BUSH)
- (H) STANDARD MALDIVES PALM TREE.

REFERENCE DRAWINGS

SL.No	DRAWING No.	DESCRIPTION

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0	15-09-15	DETAILED DESIGN SUBMISSION	JP	SS	MA
REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPRD.

REVISION

CLIENT
 **MINISTRY OF ENVIRONMENT & ENERGY**
 REPUBLIC OF MALDIVES

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PROJECT:
 Provision of Water Supply Facilities in 04 islands and
 Sewerage Facilities in 05 islands -
 B.Thulaadhoo Island - Republic of Maldives

DRAWING TITTLE:
**SECTION OF COMPACT SEWERAGE
 TREATMENT UNIT-THULAADHOO ISLAND**

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
SK	JP	SS	MA	1:1500	15-09-15
PROJECT No.	SHEET No.	DRAWING No. BT-SW-132			
K-619	1 OF 1				
REV. No.	0				