



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 GADHDHOO ISLAND AVERAGE FLOW
Q= 410m³/Day EXPANDABLE UPTO 700m³/Day.
- SLUDGE STABILIZED, DIGESTED AND DISINFECTED FROM TANK (A) 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 CWWIP 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

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 -
GDH.Gadhdhoo Island - Republic of Maldives

DRAWING TITLE:
**SECTION OF COMPACT SEWERAGE
TREATMENT UNIT-GDH.GADHDHOO ISLAND**

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
SK	JP	SS	MA	1 : 1500	15-09-'15
PROJECT No.	SHEET No.	DRAWING No. GG-SW-121			
K-619	1 OF 1				
REV. No.	0				