



TOP VIEW

NOTES:-

- 1- ALL DIMENSIONS ARE IN METERS.
- 2- SITE LEVELS ARE TO BE COORDINATED BY THE CONTRACTOR.
- 3- PUMPED LINES/ PRESSURE LINES TO USE HDPE PIPES.  
OTHER FLOW LINES TO USE UPVC PIPES.
- 4- CONTRACTOR TO PREPARE DETAILED DRAWING AND OBTAIN APPROVAL OF MEEW BEFORE START OF CONSTRUCTION.
- 5- LAYOUT OF COMPACT UNIT WASTE WATER  
TREATMENT PLANT FOR KOLAMAAFUSHI ISLAND AVERAGE FLOW  
On 230m<sup>3</sup>/Day EXPANDABLE UP TO 400m<sup>3</sup>/Day.
- 6- SLUDGE STABILIZED, DIGESTED AND DISINFECTED FROM TANK (A) CAN BE PERIODICALLY (ONCE MONTHLY) PUMPED THROUGH EFFLUENT OCEAN DISPOSAL PIPE LINE.
- 7- IF RAW SEWAGE CAN BE PUMPED DIRECTLY TO SPLITTER BOX FROM LIFTING STATIONS, UNIT (A) (COLLECTION WELL) CAN BE AVOIDED. (AS PER MANUFACTURES SPEC.)
- 8- ALL SITE LEVELS TO BE COORDINATED BY THE CONTRACTOR AND WRITTEN APPROVED FROM MEEW TO BE OBTAINED BEFORE START OF WORK.
- 9- ALL DIMENSIONS ARE INDICATIVE, CONTRACTOR MAY PROPOSE CWWIP TO FIT WITHIN THE PLOT BOUNDARY.
- 10- THE SIZES FOR UNITS A & B, C & D ARE INDICATIVE ONLY
- 11- THE PIPE DIMENSIONS REPRESENT IN OUTSIDE DIAMETER(O.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 -  
GA.Kolamaafushi Island - Republic of Maldives

DRAWING TITLE:

SECTION OF COMPACT SEWERAGE  
TREATMENT UNIT-GA.KOLAMAAFUSHI ISLAND

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
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K-619	1 OF 1				
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