



#### 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  
Q= 230m<sup>3</sup>/Day EXPANDABLE UPTO 400m<sup>3</sup>/Day.
- 6- SLUDGE STABILIZED, DIGESTED AND DISINFECTED FROM TANK (C)  
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  
C/WMP 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

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
SK	JP	SS	MA	1: 1500	15-09-15
PROJECT No.	SHEET No.	DRAWING No.			
K-619	1 OF 1	KO-SW-114			
REV. No.	0				