



NOTES:-

- 1- ALL DIMENSIONS ARE IN METERS.
- 2- SITE LEVELS ARE TO BE COORDINATED BY THE CONTRACTOR.
- 3- PUMPED LINES/ PRESSURE LINES TO USE HOPE 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 HULIHUDDHAFUURU ISLAND AVERAGE FLOW  
@ 22m<sup>3</sup>/ DAY EXPANDABLE UPTO 31m<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  
CWWP 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:-**

- ① COLLECTION WELL WITH SCREEN, GRIT & GREASE REMOVAL FACILITY
- ② COMPACT WASTE WATER TREATMENT UNIT (INCLUDES AERATION AND SETTLING)
- ③ SLUDGE TANK
- ④ EFFLUENT TANK WITH EFFLUENT DISPOSAL PUMP
- ⑤ SEA OUTFALL
- ⑥ 1.2m PAVEMENT ALL ACROSS THE TREATMENT FACILITY.
- ⑦ 1m HIGH LANDSCAPING (BUSH)
- ⑧ 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 -  
R.Hulhudhuffaar Island - Republic of Maldives

DRAWING TITTLE:

**SECTION OF COMPACT SEWERAGE  
TREATMENT UNIT-R.HULHUDHUFARU ISLAND**

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
SK	JP	SS	MA	1:1500	15-09-15
PROJECT No.	SHEET No.	DRAWING No.  RH-SW-114			
K-619	1 OF 1				
REV. No.	0				