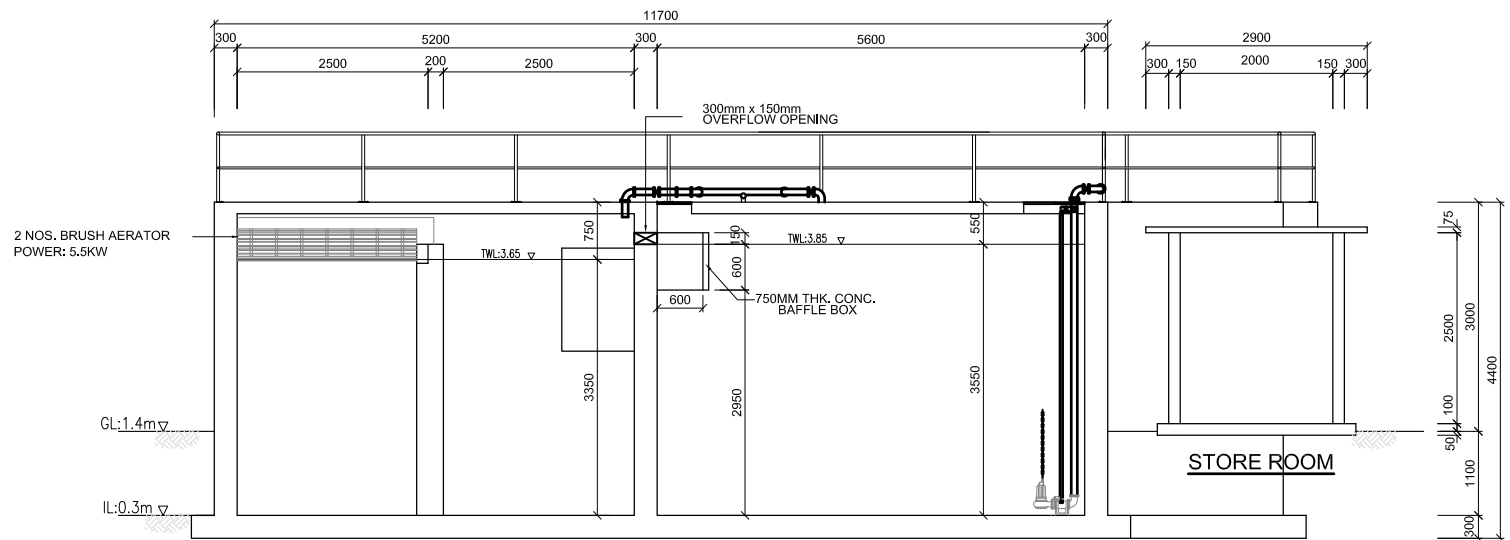
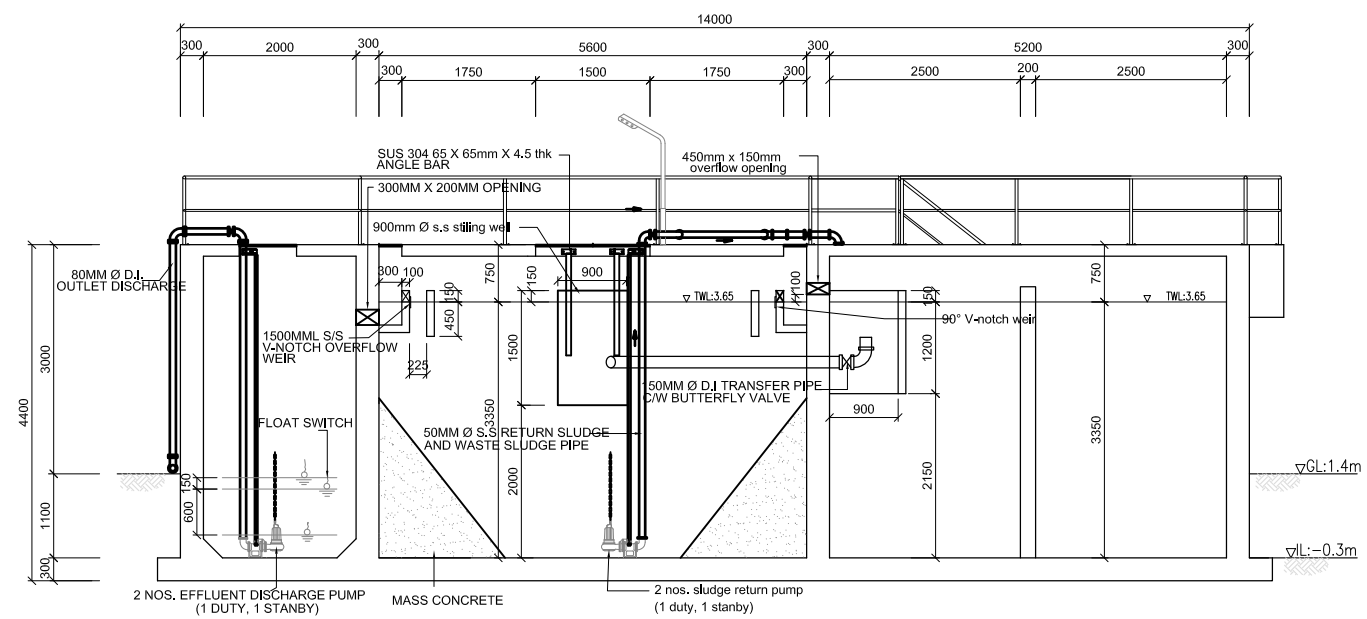


SEC. SCREEN, GRIT , DISTRIBUTION CHANNEL & GREASE CHAMBER
SECTION D-D
 SCALE 1:100



OXIDATION DITCH TANK
SECTION E-E
 SCALE 1:100



EFFLUENT DISCHARGE TANK
SECTION F-F
 SCALE 1:100

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 HULHUDHUFFAARU ISLAND AVERAGE FLOW Q= 230m³/Day EXPANDABLE UPTO 310m³/Day.
- 6- SLUDGE STABILIZED, DIGESTED AND DISINFECTED FROM TANK ⑥ 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 ⑦ (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

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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 - R.Hulhudhuffaar Island - Republic of Maldives

DRAWING TITTLE:
SECTION OF COMPACT SEWERAGE TREATMENT UNIT-R.HULHUDHUFFAARU 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		RH-SW-115			
REV. No.		0			