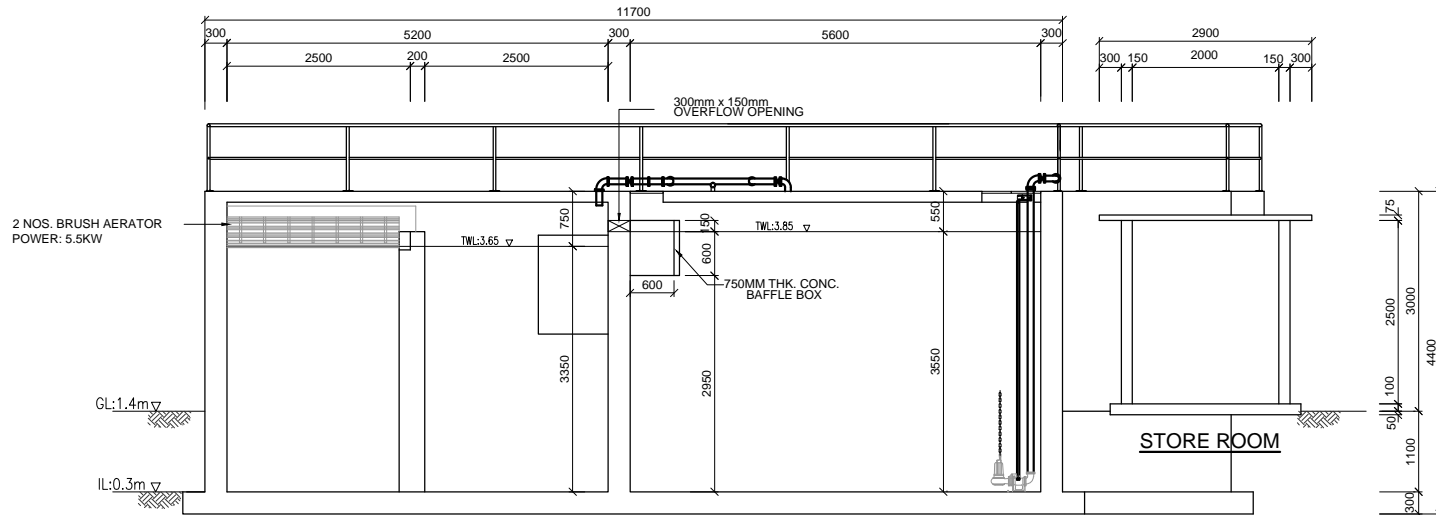
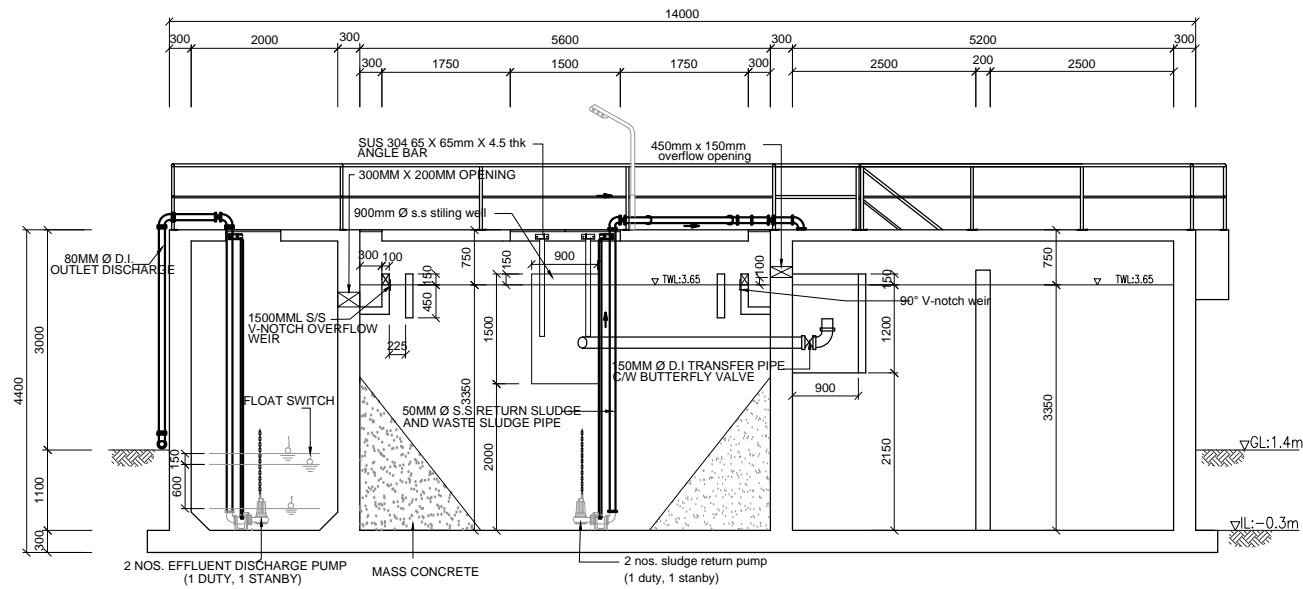


SEC. SCREEN, GRIT , DISTRIBUTION CHANNEL & GREASE CHAMBER
SECTION D-D
SCALE 1:100



OXIDATION DITCH TANK SECTION E-E HOLDING TANK
SCALE 1:100



EFFLUENT DISCHARGE TANK SECONDARY CLARIFIER OXIDATION DITCH 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 THULHAADHOO ISLAND AVERAGE FLOW
Q= 250m³/Day EXPANDABLE UPTO 500m³/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 (C) (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

...
...
...
...
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

CONSULTANT: **استشارى**
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PROJECT:
 Provision of Water Supply Facilities in 04 islands and
 Sewerage Facilities in 05 islands -
 B.Thulaadhoo Island - Republic of Maldives

DRAWING TITTLE:
**SECTION OF COMPACT SEWERAGE
 TREATMENT UNIT-THULAADHOO 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	BT-SW-131			
REV. No.	0				