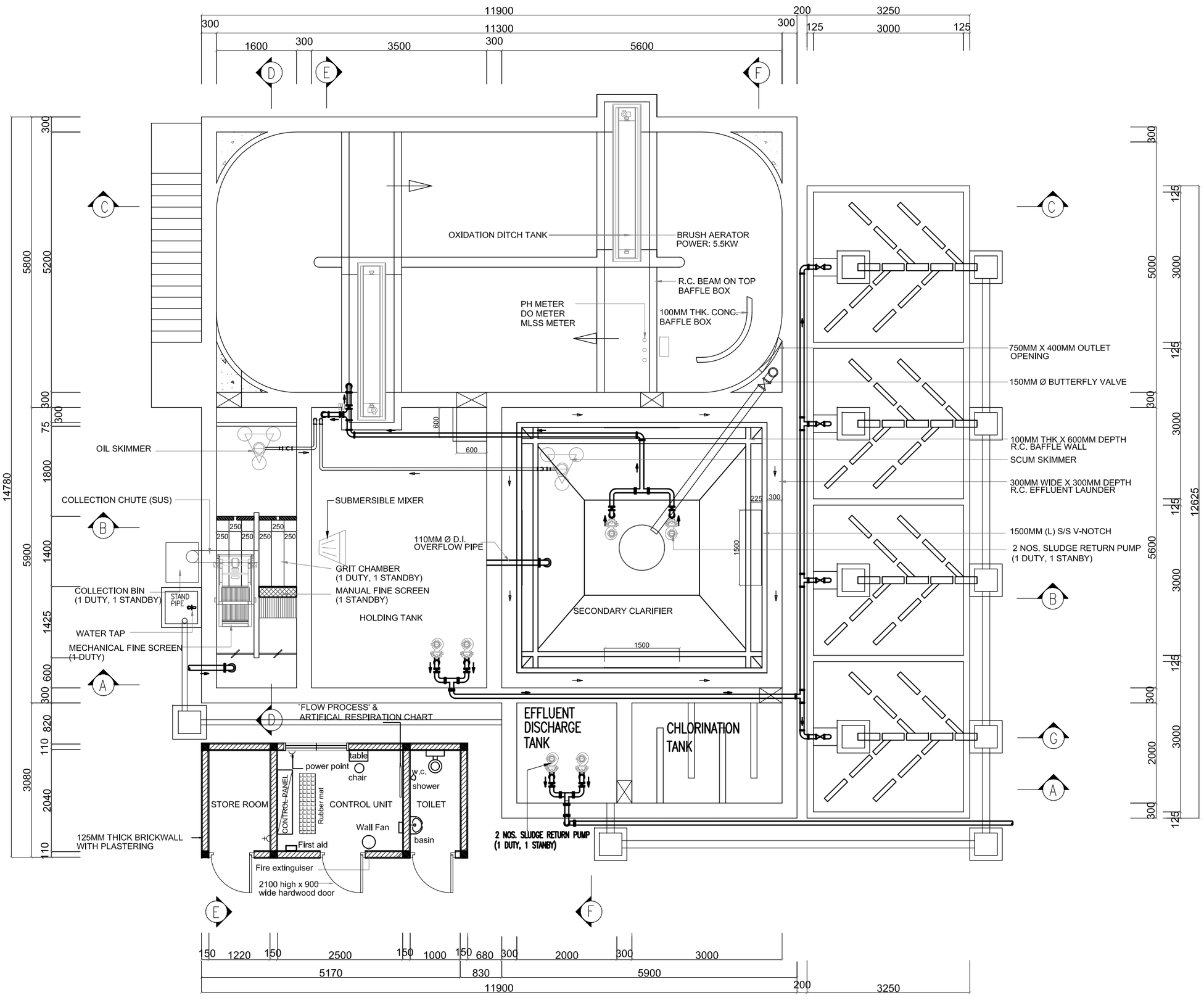

BASEMENT PLAN

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 R.HULHUDHUFARU ISLAND AVERAGE FLOW Q= 220m³/Day EXPANDABLE UPTO 310m³/Day.

6- SLUDGE STABILIZED, DIGESTED AND DISINFECTED FROM TANK Ⓒ 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 Ⓐ (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:-

Ⓐ COLLECTION WELL WITH SCREEN ,GRIT & GREASE REMOVAL FACILITY
Ⓑ COMPACT WASTE WATER TREATMENT UNIT (INCLUDES AERATION AND SETTLING)
Ⓒ SLUDGE TANK
Ⓓ EFFLUENT TANK WITH EFFLUENT DISPOSAL PUMP
Ⓔ SEA OUTFALL
Ⓕ 1.2m PAVEMENT ALL ACROSS THE TREATMENT FACILITY.
Ⓖ 1m HIGH LANDSCAPING (BUSH)
Ⓗ STANDARD MALDIVES PALM TREE.

REFERENCE DRAWINGS

SL.No	DRAWING No.	DESCRIPTION

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPRD.
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0	15.09.'15	DETAILED DESIGN SUBMISSION	JP	SS	MA

REVISION

CLIENT
MINISTRY OF ENVIRONMENT & ENERGY
REPUBLIC OF MALDIVES

CONSULTANT: استشاري
مكتب الحبشي للإستشارات الهندسية
Al-Habshi Consultants Office
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P.O.Box 27154 Safat 13132 - Kuwait

PROJECT:
Provision of Water Supply Facilities in 04 islands and Sewerage Facilities in 05 islands -
R.Hulhudhuffaaru Island - Republic of Maldives

DRAWING TITTLE:
SECTION OF COMPACT SEWERAGE TREATMENT UNIT-R.HULHUDHFFAARO 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-SW130
REV. No.	0	