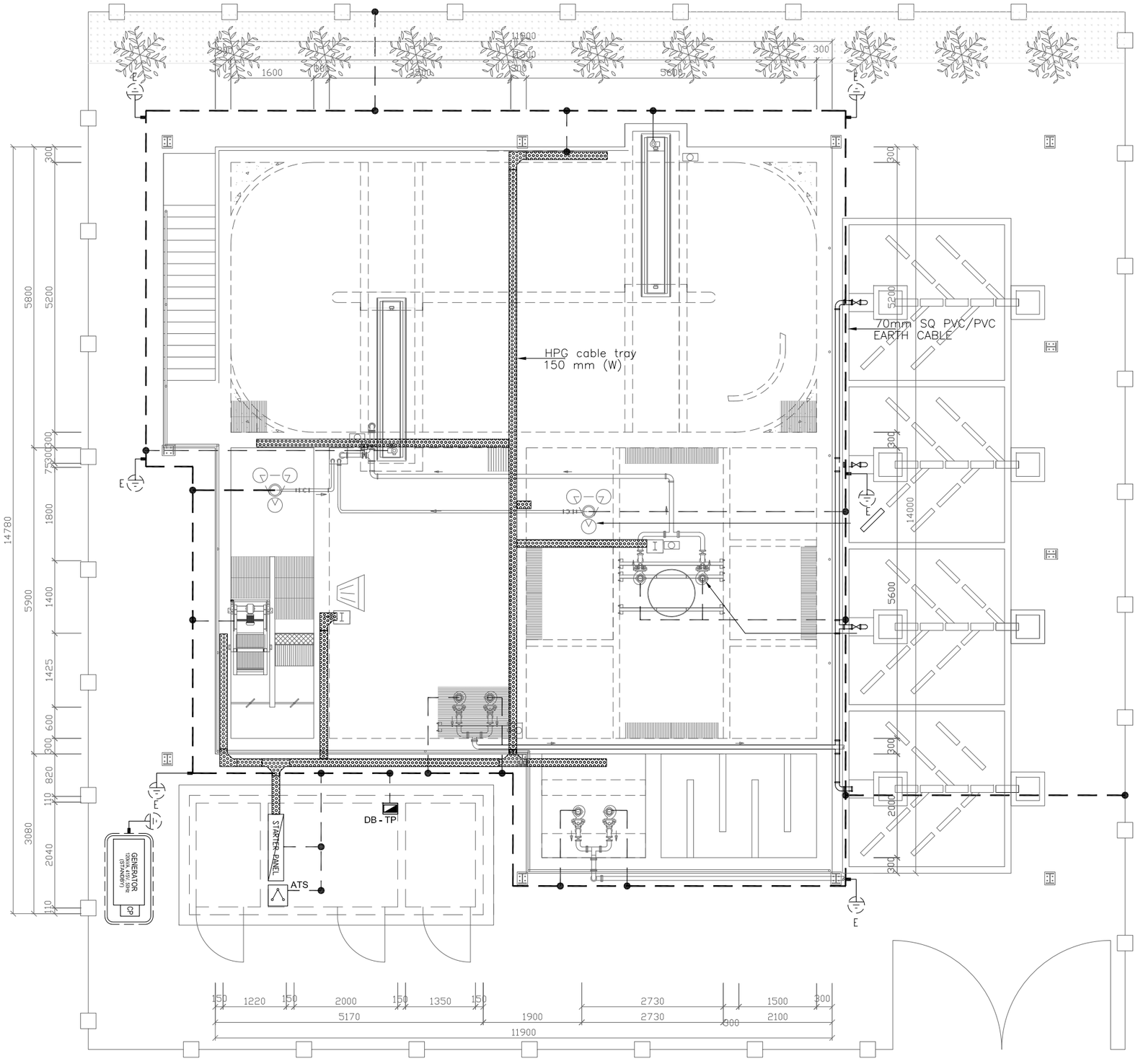

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS EXCEPT AND OTHERWISE SPECIFIED.
2. CABLE LEGEND AS SHOWN IN DRAWING
3. ALL S/F.ELECTRICAL PANELS AND GENERATOR SHALL BE PROVIDED WITH EARTHING SYSTEM
4. ALL ELECTRICAL INSTALLATIONS FOR OUTDOOR USE, SHALL BE PROTECTED FROM RAIN AND DUST
5. ALL PUMPS SHOULD BE PROVIDED WITH OWN CONTROL PANEL WITH NECESSARY PROTECTION.
6. ALL EXPOSED INSTALLATION SHOULD BE IN G.I CONDUIT OR SHADED CABLE TRAYS.
7. ALL ABOVE GROUND CONDUIT SHALL BE RIGID HOT DIP GALVANIZED EXCEPT AS NOTED.
8. ALL NEMA 3R GASKETED S.S ENCLOSURES TO HAVE LOCKABLE HANDLE AND 3 POINT LATCHING.
9. EARTH ROD LOCATIONS AND EARTHING CABLE ROUTE SHOWN ARE INDICATIVE ONLY, EXACT ROUTE AND LOCATION SHALL BE DECIDED AT SITE TO SUIT SITE CONDITIONS.
10. THE ENTIRE SITE SHALL BE PROVIDED WITH 70mm² STRANDED BARE COPPER CABLE EARTHING GRID AND 2.4 METER LONG, 16mm DIA EARTH RODS AS SHOWN ON THE DRAWING.
11. THE EARTH TERMINAL INSIDE THE DISTRIBUTION BOARD SHALL BE CONNECTED THROUGH 6mm SQ. CABLE FROM MAIN DISTRIBUTION BOARD AND CONNECTED TO MAIN EARTHING GRID.
12. THE CONNECTION POINT FROM MAIN EARTHING GRID TO BRANCH EARTHING SHALL BE WELDED BY EXOTHERMIC WELDING.

LEGEND:-

TYPE-G	W/P 70W HP SODIUM VAPOUR LAMP POST MOUNTED (6mts HT.)
TYPE-K	1 x 40W SURFACE MOUNTED FLUORESCENT LIGHT FITING
	EXHAUST FAN
	WALL FAN
	D.B W/P FOR LIGHT AND SOCKET
	STARTER PANEL WEATHERPROOF
	EARTH PIT
	13A SWITCHED SOCKET OUTLET
ISOL	ISOLATOR / W.T

CABLE LEGEND:-

4c 10mmSQ Armoured Cable + E
3c 2.5mmSQ P/S/P lay in HDG tray
2c 1.5mmSQ P/S/P lay in HDG tray
3c 2.5mmSQ signal layer cable
3c 1.5mmSQ signal layer cable

REFERENCE DRAWINGS

SL.No.	DRAWING No.	DESCRIPTION

REVISION

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPRD.
..	..	..	..	..	..
..	..	..	.	..	..
..	..	..	..	..	..
..	..	..	..	..	..
0	17-09-'15	DETAILED DESIGN SUBMISSION	BA	RDS	MA

CLIENT

MINISTRY OF ENVIRONMENT & ENERGY
REPUBLIC OF MALDIVES

CONSULTANT: استشاري

مكتب الحبشي للاستشارات الهندسية
Al-Habshi Consultants Office
Tel.: 2430103 / 2433131 - Fax : 2431136
P.O.Box 27154 Safat 13132 - Kuwait

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

DRAWING TITTLE:
SEWAGE TREATMENT PLANT
EARTHING LAYOUT
N.VELIDHOO ISLAND

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
RDS	BA	RDS	MA	1 : 100	17-09-'15

PROJECT No.	SHEET No.	DRAWING No.
K-619	1 OF 1	NV-EL-111
REV. No.	0	

Copyright © 2015 by Al-Habshi Consultants Office