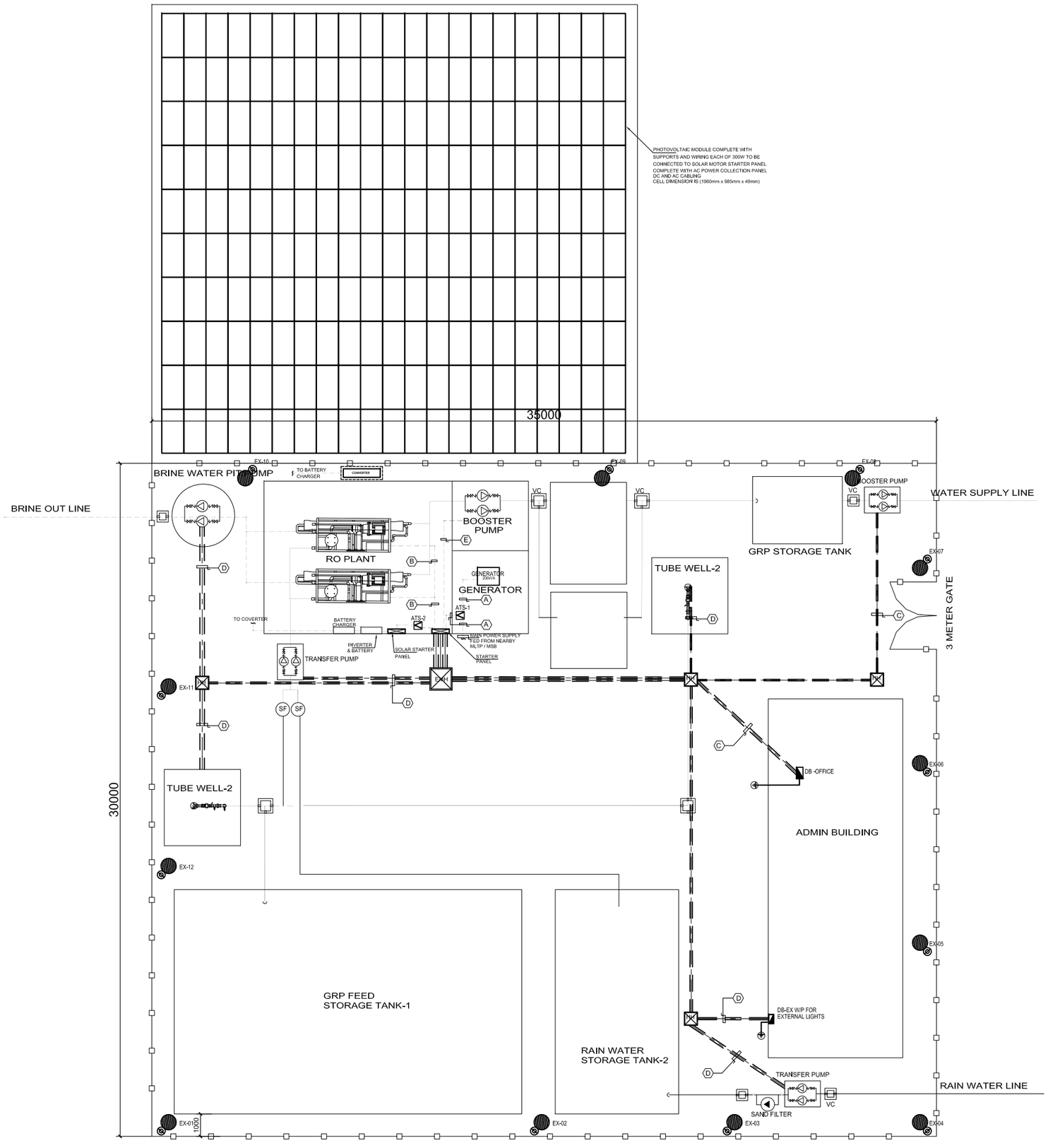

LEGENDS:-

①	TUBE WELL WITH SUBMERSIBLE PUMP 11.5m³/hour AT 62m HEAD
②	ADMIN.OFFICE INCLUDING ALL ELECTRO-MECHANICAL FACILITIES
③	GRP FEED STORAGE TANK
④	RO UNITS
⑤	GENERATOR ROOM
⑥	FLOOR MOUNTED GRP STORAGE TANK
⑦	TRANSFER PUMP (2 Sets.) 6m³/hour AT 20m HEAD ONE WORKING & ONE STANDBY
⑧	OVERHEAD GRP TANK
⑨	BRINE STORAGE WITH 2 Nos. PUMP 9.8m³/hour, BOTH WORKING

CABLE LEGEND:-

Ⓐ	4c 95mmSQ cu/XLPE/SWA/PVC ON CABLE TRAY
Ⓑ	(4x25.0+1x10.0)mmSQ cu./PVC IN 50mmØ PVC DUCT
Ⓒ	(4x16.0+1x6.0) cu./ PVC IN 50mmØ PVC DUCT
Ⓓ	(4x10.0+1x6.0)mmSQ cu./PVC IN PVC DUCT
Ⓔ	(4x6.0+1x4.0)mmSQ cu./PVC IN PVC CONDUIT

TYPE	SYMBOL	DESCRIPTION
G		W/P 70W HP SODIUM VAPOUR LAMP POST MOUNTED (6mts HT.)
		DISTRIBUTION BOARD
		DISTRIBUTION BOARD/WEATHER PROOF
		STARTER PANEL
		1.0x1.0x1.0m MANHOLE
		0.6x0.6x0.6m HANDHOLE

REFERENCE DRAWINGS

SL.No.	DRAWING No.	DESCRIPTION

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

REVISION

CLIENT

MINISTRY OF ENVIRONMENT & ENERGY
REPUBLIC OF MALDIVES

CONSULTANT: استشاري

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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:

RO PLANT ELECTRICAL LAYOUT

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	BT-EL-104
REV. No.	0	

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