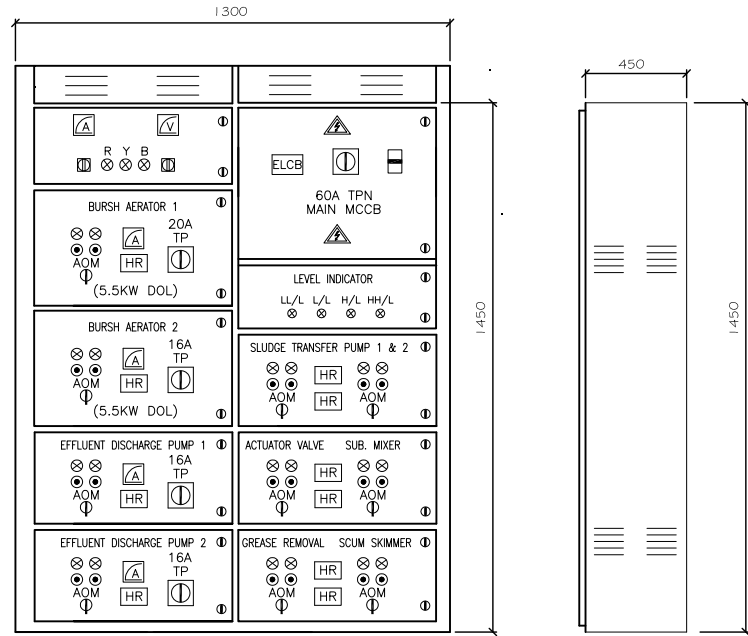
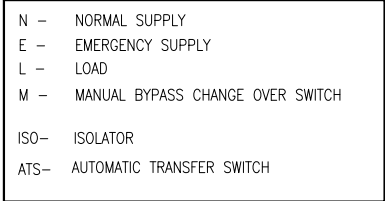
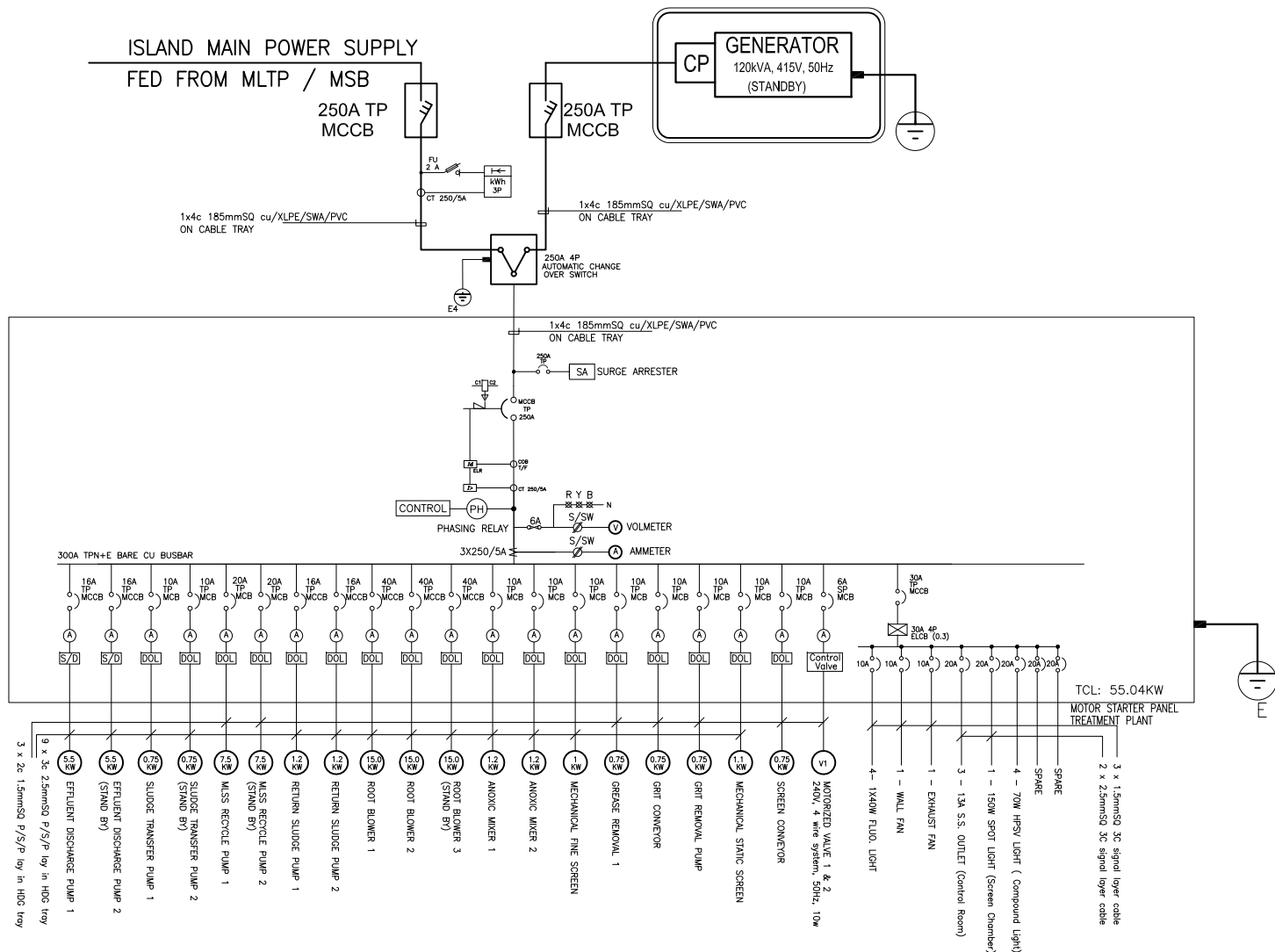


ATS DETAIL



FRONT ELEVATION

SIDE VIEW



1. ALL DIMENSIONS ARE IN MILLIMETERS EXCEPT AND OTHERWISE SPECIFIED.
2. CABLE LEGEND AS SHOWN AS 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.

LEGEND	DESCRIPTION
MCCB	MOULDED CASE CIRCUIT BREAKER
MCB	MINIATURE CIRCUIT BREAKER
ELR	EARTH LEAKAGE RELAY
ELCB	EARTH LEAKAGE CIRCUIT BREAKER
A	AMMETER
V	VOLTMETER
PF	POWER FACTOR METER
☐	SELECTOR SWITCH
⊗	PHASE INDICATOR
Ⓛ	MCB LOCKABLE ISOLATOR
DOL	DIRECT ON-LINE STARTER
SA	SURGE ARRESTOR
CP	CONTROL PANEL
☐	D.B W/P FOR LIGHT AND SOCKET
☐	STARTER PANEL WEATHERPROOF
⊕	EARTH PIT
⌋	EARTH LEAKAGE RELAY

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

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

REVISION

CLIENT	MINISTRY OF ENVIRONMENT & ENERGY REPUBLIC OF MALDIVES
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CONSULTANT:	استشاري مكتب الحبشي للاستشارات الهندسية Al-Habshi Consultants Office Tel: 2430103 / 2433131 - Fax: 2431136 P.O.Box 27164 Safat 13132 - Kuwait
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PROJECT:
Design and Supervision works for provision of
Water Supply Facilities in 4 islands and
Sewerage Facilities in 5 islands - Republic of Maldives

DRAWING TITLE:
SEWAGE TREATMENT PLANT
SINGLE LINE DIAGRAM
GA.KOLAMAAFUSHI ISLAND

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
RDS	BA	RDS	MA	1:50	17-09-'15
PROJECT No.	SHEET No.	DRAWING No.			
K-619	1 OF 1	KO-EL-112			
REV. No.	0				