



SLD FOR PROPOSED TREATMENT FACILITY FOR AA.BODUFULHADHOO

NOTE:-
SINGLE LINE DIAGRAM IS INDICATIVE AND FOR REFERENCE. CONTRACTOR SHALL BE DESIGN THE SYSTEM AS PER REQUIREMENT.
1. ALL DIMENSIONS ARE IN MM UNLESS AND OTHERWISE SPECIFIED.

PROTECTION:-
OVERLOAD RELAY ,SINGLE PHASE PREVENTOR AND EARTH FAULT RELAY PROTECTION

◀◀-□-▶▶ CIRCUIT BREAKER
-○- TRANSFORMER
(VT-VOLTAGE TRANSFORMER)
Σ SINGLE LINE CURRENT TRANSFORMER

⏏ DOL STARTER
⊗ PHASE HEALTHY INDICATION LAMPS (R.Y.B-RED. YELLOW. BLUE.)
⏏ STAR DELTA STARTER
⏏ LPBS LOCAL PUSH BUTTON STATION
VFD VARIABLE FREQUENCY DRIVE

INSTRUMENTATION:-

ASS AMMETER SELECTOR SWITCH
A AMMETER
VSS VOLT SELECTOR SWITCH
V VOLTMETER
MFM MULTI FUNCTION METER CONSISTS OF KVA,KW,KVAR A.V.POWER CTOR AND FREQUENCY METER, KVAH, KWH, KVARH WITH PORT

REVISION					CLIENT				
No.	DESCRIPTION	BY	DATE	APPR.	MINISTRY OF ENVIRONMENT AND ENERGY MALE' REPUBLIC OF MALDIVES				
REVISION					PROJECT PROVISION OF RAINWATER HARVESTING SYSTEM IN 8 ISLANDS				
CONSULTANT					ASSIGNMENT CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN AA. HIMANDHOO, AA. BODUFULHADHOO, AA. MATHIVERI, ADH. KUNBURUDHOO, ADH. DHIGURAH, DH. BANDIDHOO, DH. HULHUDHELL, DH. MEEDHOO, MALDIVES [PACKAGE - 3]				
SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA IN ASSOCIATION WITH DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES					DRAWING TITLE SLD FOR PROPOSED TREATMENT FACILITY FOR AA.BODUFULHADHOO AA. BODUFULHADHOO				
APPROVED		SPK	CHECKED	SDB	DESIGNED	SDB	DRAWN	JAD	REVISION
SCALE		AS SHOWN	DATE	FEB 2018	DRAWING NUMBER		Aa. Bodufulhadhoo/EL/01		
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TENDER PURPOSE