



SLD FOR PROPOSED TREATMENT FACILITY FOR HA.ULIGAMU

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)
E 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				
No.	DESCRIPTION	BY	DATE	APPR.
IN ASSOCIATION WITH				
SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA				
DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES				

CLIENT		MINISTRY OF ENVIRONMENT AND ENERGY MALE: REPUBLIC OF MALDIVES						
PROJECT		PROVISION OF RAINWATER HARVESTING SYSTEM IN 10 ISLANDS						
ASSIGNMENT		CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN HA. ULIGAMU, HA. MULHADHOO, HA. MURADHOO, HA. ULIGAMU, HA. MAARANDHOO, HA. FILLADHOO, HDH. FINEY, HDH. KURINBI, HDH. NEYKURENDHOO, HDH. HIRIMARADHOO, MALDIVES (PACKAGE - 1)						
DRAWING TITLE		SLD FOR PROPOSED TREATMENT FACILITY FOR HA.ULIGAMU						
APPROVED	SPK	CHECKED	SDB	DESIGNED	SDB	DRAWN	JAD	
SCALE	AS SHOWN	DATE	FEB 2018	DRAWING NUMBER	Ha. Uligamu/EL/01		REVISION	0