



# SLD FOR PROPOSED TREATMENT FACILITY FOR N.LHOHI

**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				
No.	DESCRIPTION	BY	DATE	APPR.
CONSULTANT				
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 SH. FEYDHOO, SH. NARUDHOO, SH. FEEVAH, SH. LHAI MAGU, SH. NOOMARA, BILEHFAHI, SH. FUNADHOO, N. MAGOODHOO, N. HENBADHOO, N. LHOHI, MALDIVES [PACKAGE-2]				
DRAWING TITLE				
SLD FOR PROPOSED TREATMENT FACILITY FOR N.LHOHI				
APPROVED		CHECKED		DESIGNED
SPK		SDB		SDB
SCALE		DATE		DRAWN
AS SHOWN		FEB 2018		JAD
DRAWING NUMBER		REVISION		
N. Lhoi/EL/01		0		

TENDER PURPOSE