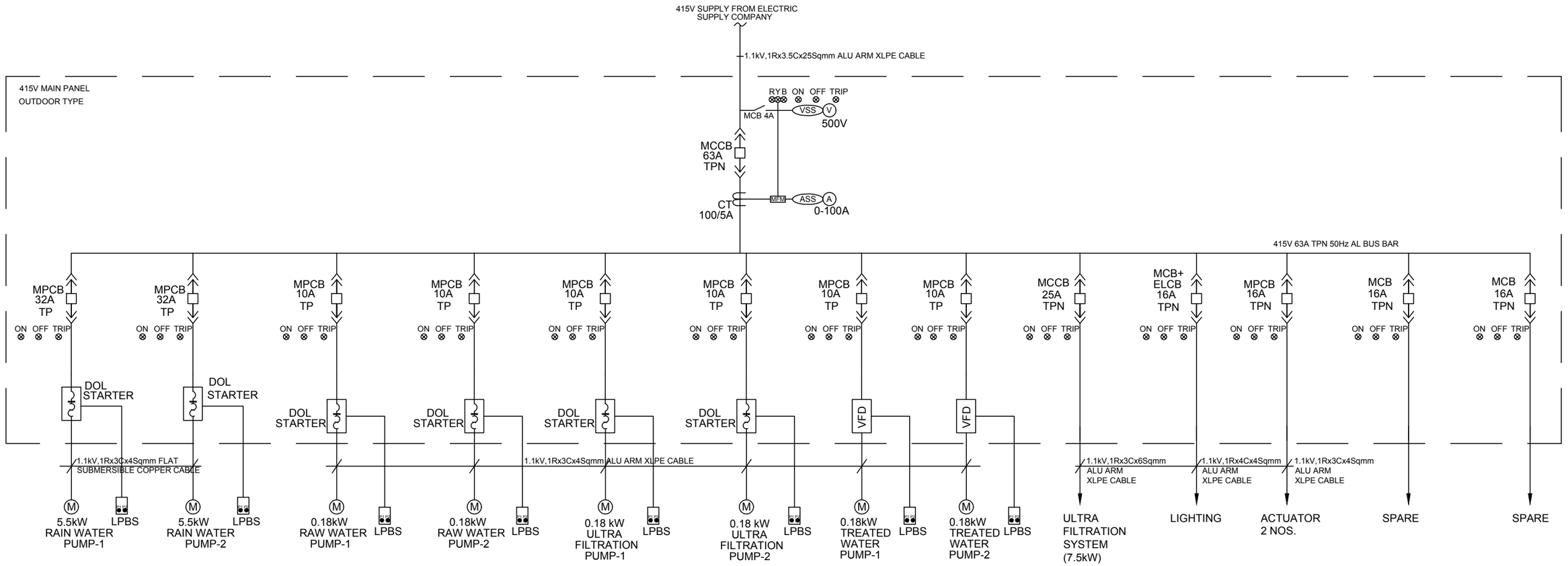

SLD FOR PROPOSED TREATMENT FACILITY FOR SH.NARUDHOO

TENDER PURPOSE

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)
- 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

No.	DESCRIPTION	BY	DATE	APPR.

REVISION

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. LHAIMAGU, SH. NOOMARA, SH. BILEHFFAHI, SH. FUNADHOO, N. MAGOODHOO, N. HENBADHOO, N. LHOHI. MALDIVES [PACKAGE-2]

DRAWING TITLE: SLD FOR PROPOSED TREATMENT FACILITY FOR SH.NARUDHOO

APPROVED	CHECKED	DESIGNED	DRAWN
SPK	SDB	SDB	JAD

SCALE	DATE	DRAWING NUMBER	REVISION
AS SHOWN	FEB 2018	Sh. Narudhoo/EL/01	0

A1-LANDSCAPE