

SLD FOR PROPOSED TREATMENT FACILITY FOR M.NAALAFUSHI

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
⏏ LOCAL PUSH BUTTON STATION
⏏ LPBS
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

						<div>CLIENT</div> <div><div></div><div>MINISTRY OF ENVIRONMENT AND ENERGY MALE' REPUBLIC OF MALDIVES</div></div>								
						<div>PROJECT</div> <div>PROVISION OF RAINWATER HARVESTING SYSTEM IN 9 ISLANDS</div>								
						<div>ASSIGNMENT</div> <div>CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN TH. VANDHOO, TH. GAADHIFUSHI, TH. OMADHOO, TH. KANDOODHOO, TH. KINBIDHOO, TH. DHYAMIGILI, M. RAIYMANDHOO, M. VEYVAH, M. NAALAFUSHI, MALDIVES [PACKAGE - 4]</div>								
No.	DESCRIPTION			BY	DATE	APPR.								
REVISION														
CONSULTANT							<div>DRAWING TITLE</div> <div>SLD FOR PROPOSED TREATMENT FACILITY FOR M.NAALAFUSHI</div>							
<div><div> SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA IN ASSOCIATION WITH</div><div> DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES</div></div>							APPROVED		CHECKED		DESIGNED		DRAWN	
							SPK		SDB		SDB		JAD	
							SCALE		DATE		DRAWING NUMBER		REVISION	
AS SHOWN		FEB 2018		M. Naalafushi/EL/01		0								

TENDER PURPOSE