



Symbol	Description
	TRANSFORMER
	VACUUM CIRCUIT BREAKER
	EARTH
	CURRENT TRANSFORMER
	ISOLATOR
	INDICATION LAMPS
	SC - SPRING CHANGED
	SP - SERVICE POSITION
	TP - TEST POSITION
	CSH - CONTROL SUPPLY HEALTHY
	RTC - READY TO CLOSE
	LTPB - LAMP TEST PUSH BUTTON
	TOPB - TRIP COIL PUSH BUTTON
	ETPB - EMERGENCY TRIP PUSH BUTTON
	EARTH FAULT RELAY
	KILO WATT HOUR METER
	MULTI FUNCTION METER
	INTERLOCK
	MACHINE OR TRANSFORMER THERMAL RELAY
	UNDER VOLTAGE RELAY
	OVER VOLTAGE RELAY
	AC TIME OVER-CURRENT RELAY
	TIME DELAY GROUND FAULT RELAY
	VOLTMETER
	AMMETER
	FUSE
	ANNUNCIATOR
	POTENTIAL TRANSFORMER
	CURRENT TRANSFORMER
	UNDER VOLTAGE RELAY
	OVER VOLTAGE RELAY
	FREQUENCY RELAY
	PHASE SEQUENCE RELAY
	LOOKOUT RELAY
	TRACTION METER
	INSTANTANEOUS OVER-CURRENT RELAY
	INSTANTANEOUS EARTH FAULT RELAY
	PT FUSE FAILURE RELAY
	TRIP CIRCUIT SUPERVISION RELAY
	SURGE ARRESTER
	PT FUSE FAILURE RELAY
	DC FAIL RELAY
	NUMERIC RELAY FOR TRANSFORMER OT AND WTI
	RESTRICTED EARTH FAULT RELAY
	BUS BAR DIFFERENTIAL PROTECTION RELAY
	HOOTER
	AUTO / MANUAL SWITCH

NOTES & INFORMATION

1. ALL DIMENSIONS ARE INDICATED IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS TO BE READ AND NOT MEASURED.
3. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECTS / ENGINEER.
4. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL, ARCHITECTURAL AND SERVICES DRAWINGS.

No.	Date	Remarks

Distribution of Prints

Date	Prints Issued to	Date	Prints Issued to

Key Plan

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Project

Nalanda University, Rajgir, Bihar
(Substation - 1)

Title

SUBSTATION 1 - SINGLE LINE DIAGRAM

Drawn : A.P
Checked : M.T
Scale : N.T.S
Date : 05.03.2018

Drawing No. : NUC(1)-SS1 -E4.00
Approved : V.M

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1 Outreach Center - Single Line Diagram