


















































































PROTECTIVE & CONTROL DEVICES	
SYMBOLS	DESCRIPTION
	MAKE CONTACT
	BREAK CONTACT
	CHANGE-OVER BREAK BEFORE MAKE CONTACT
	CHANGE-OVER CONTACT WITH OFF POSITION IN THE CENTRE
	FUSE-SWITCH
	FUSE-DISCONNECTOR ( FUSE ISOLATOR)
	FUSE SWITCH-DISCONNECTOR ( ON-LOAD ISOLATING FUSE SWITCH)
	FUSE, GENERAL SYMBOL
	FUSE WITH MECHANICAL LINKAGE ( STRIKER FUSE)
	FUSE WITH ALARM CONTACT, THREE TERMINALS
	FUSE WITH SEPARATE ALARM CIRCUIT
	PHASE FAILURE DETECTION RELAY
	THERMAL RELAY
	OPERATING DEVICE OF AN ELECTRONIC RELAY
	RELAY COIL
	SOFT STARTER
	DIRECT ON-LINE STARTER
	CIRCUIT BREAKER ( MOTORIZED)
	ISOLATOR
	CONTACTOR
	CONTACTOR WITH AUTOMATIC TRIPPING INITIATED BY A BUILT-IN MEASURING RELAY OR RELEASE
	MAIN BREAK CONTACT OF A CONTACTOR
	CIRCUIT BREAKER ( GENERAL)
	MULTI-POSITION SWITCH WITH INDICATION

PROTECTIVE & CONTROL DEVICES	
SYMBOLS	DESCRIPTION
	FOUR POSITION SWITCH
	SELF OPERATING THERMAL SWITCH, BREAK CONTACT
	EMERGENCY PUSH BUTTON
	MANUALLY OPERATED SWITCH
	PUSH BUTTON SWITCH
	ELECTRONIC MOTOR PROTECTION RELAY
	POWER MONITOR
	PHASE FAILURE RELAY
	POWER FACTOR CORRECTION CAPACITORS
	MCCB WITH THERMAL/MAGNETIC OVERCURRENT PROTECTION

SYMBOLS	
SYMBOLS	DESCRIPTION
	GENERATOR JB
	EXTERNAL LIGHTING DISTRIBUTION BOARD ( PROVISIONAL )
	L&SP DISTRIBUTION BOARD
	FIRE ALARM CONTROL PANEL
	MULTI-SENSOR DETECTOR
	MULTI-SENSOR DETECTOR IN THE TRENCH
	HIGH BAY LIGHT FITTING 70W METAL HALIDE LAMP
	K-TYPE FIRE EXTINGUISHER
	FIRE EXTINGUISHER CO2 5 kg
	FIRE ALARM SOUNDER WITH STROBE LIGHT ( 110 CANDELA)
	FIRE ALARM BREAK GLASS
	2x36WATTS SURFACE MOUNTED FLUORESCENT LIGHT
	2x36WATTS SURFACE MOUNTED FLUORESCENT LIGHT AND 3 HRS MAINTAINED EMERGENCY LIGHT
	1x50WATTS HSE EXTERNAL WALL MOUNTED LIGHT
	1x70W BULK HEAD LIGHT
	1x8WATTS 'EXIT' SIGN LIGHT WITH 3Hr. DURATION BATTERY PACK
	MIRROR LIGHT -LAMP 18W FLUORESCENT, OPAL DIFFUSER, IP 44 RATING, ELECTRONIC CONTROL GEAR
	13A SWITCHED SOCKET OUTLET
	13A WEATHER PROOF SWITCHED SOCKET OUTLET
	ONE GANG ONE WAY SWITCH
	TWO WAY SWITCH
	ONE GANG ONE WAY WEATHER PROOF SWITCH

METERS	
SYMBOLS	DESCRIPTION
	AMMETER
	VOLTMETER
	POWER FACTOR METER
	WATTMETER
	WATT-HOUR METER
	KILOWATT-HOUR METER
	MEGA VOLT AMPERE METER
	FREQUENCY METER
	HOUR RUN METER
	TACHOMETER
	POWER MONITOR
	AMMETER SELECTOR SWITCH
	VOLTMETER SELECTOR SWITCH
	SHUNT TRIP
	INDICATING LAMP

TRANSFORMERS, MOTOR, GENERATOR	
SYMBOLS	DESCRIPTION
	CURRENT TRANSFORMER
	MECHANICAL - ELECTRICAL INTERLOCK
	EARTH LEAKAGE RELAY
	CONTROL TRANSFORMER CENTER TAP
	CORE BALANCE CURRENT TRANSFORMER
	MOTOR
	GENERATOR
	EARTH ELECTRODE
	CAPACITOR
	JUNCTION BOX - WATER TIGHT

NOTES:  
THESE DETAILS REPRESENT A MINIMUM REQUIREMENT AND MAY BE VARIED, SUBJECT TO APPROVAL, TO SUIT PROJECT REQUIREMENTS. THEY ARE EXPECTED TO BE INCORPORATED AS TYPICAL DETAILS WHICH SHALL BE CHECKED AND APPROVED AS PART OF THE PROJECT DRAWING SET.

REFERENCE DRAWINGS AND DOCUMENTS			
No.	REVISIONS	APP'D	DATE
CLIENT			
TITLE			
STANDARD DRAWINGS STORM WATER WORKS			
DRAWING TITLE			
STANDARD DRAWING ELECTRICAL LEGENDS AND SYMBOLS			
DRAWN	-	SCALE	NTS
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	1200