

BUILDING PLANS	BUILDING PLANS	SCHEMATIC SYMBOLS	SCHEMATIC SYMBOLS	SCHEMATIC SYMBOLS	ONE-LINE DIAGRAMS
SPECIAL PURPOSE RECEPTACLE TELEPHONE OUTLET DATA OUTLET POWER PANELBOARD SURFACE MOUNTED CONTROL PANELBOARD MANUAL DISCONNECT SWITCH NONFUSED (RATING AS INDICATED) MANUAL DISCONNECT SWITCH FUSED (RATING AS INDICATED) MAGNETIC MOTOR STARTER (RATING AS INDICATED) COMBINATION MAGNETIC MOTOR STARTER AND FUSED DISCONNECT SWITCH (RATING AS INDICATED) PUSHBUTTON STATION (1, 2 & 3 BUTTONS SHOWN) SINGLE SPEED ELECTRIC MOTOR (KW OR HP RATING AS INDICATED) MOTORIZED DAMPER LIMIT SWITCH INTRUSION ALARM OVERRIDE SWITCH RECESSED IN WALL MAGNETICALLY OPERATED REED SWITCH FLOAT SWITCH PRESURE SWITCH FLOW SWITCH ELECTRIC - PNEUMATIC SWITCH PNEUMATIC - ELECTRIC SWITCH TORQUE SWITCH TRANSFORMER FIRE ALARM PULL STATION AUDIO VISUAL ALARM SMOKE DETECTOR HEAT DETECTOR COMBUSTIBLE GAS DETECTOR THERMOSTAT UNIT HEATER - DOWNBLAST TYPE OR CENTRIFUGAL FAN TYPE CABINET UNIT HEATER ALARM HORN FLUORESCENT FIXTURE F1 INDICATES FIXTURE TYPE-REFER TO FIXTURE SCHEDULE 2a INDICATES CIRCUIT NO. 2 ON SWITCH a (TYP.) FLUORESCENT FIXTURE, WALL MOUNTED INCANDESCENT, COMPACT FLUORESCENT OR HID FIXTURE	WALL MOUNTED INCANDESCENT, COMPACT FLUORESCENT OR HID FIXTURE FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT INCANDESCENT, COMPACT FLUORESCENT OR HID FIXTURE ON EMERGENCY CIRCUIT EXIT SIGN SINGLE SIDED (ABOVE DOOR) DIRECTIONAL EXIT SIGN - DOUBLE SIDED (DIRECTION AS INDICATED - TYP.) DIRECTIONAL EXIT SIGN - SINGLE SIDED BATTERY UNIT FOR EMERGENCY LIGHT BATTERY OPERATED EMERGENCY LIGHT WITH TWO HEADS EMERGENCY LIGHT, REMOTE HEAD PB ELECTRIC PULL BOX J ELECTRIC JUNCTION BOX --- BARE GROUND CABLE --- EXPOSED CONDUIT --- CONCEALED CONDUIT IN FLOOR OR UNDERGROUND CONDUIT HOME-RUN TO PANEL AS INDICATED (LP-1-6 DENOTES PANEL DESIGNATION, SLASH LINES INDICATE QUANTITY OF WIRE, GROUND WIRE INDICATED AS LONG LINE WITH DOT, NEUTRAL WIRE INDICATED AS LONG LINE, PHASE WIRES AND SWITCH LEGS INDICATED AS SHORT LINES) CABLE TRAY CONDUIT TURNED UP OR DOWN CONDUIT TERMINATED OR CAPPED SINGLE POLE TOGGLE SWITCH MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD PROTECTION SINGLE RECEPTACLE DUPLEX RECEPTACLE QUADRUPLEX RECEPTACLE GFCI DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER IG DUPLEX RECEPTACLE WITH ISOLATED GROUND	SINGLE POLE, SINGLE THROW SWITCH SINGLE POLE, DOUBLE THROW SWITCH DOUBLE POLE, SINGLE THROW SWITCH DOUBLE POLE, DOUBLE THROW SWITCH THREE WAY ROTARY SWITCH NORMALLY CLOSED MOMENTARY PUSH BUTTON SWITCH NORMALLY OPEN MOMENTARY PUSH BUTTON SWITCH 2 POSITION SELECTOR SWITCH (EXTRA CONTACT BLOCK) NORMALLY OPEN DOUBLE BREAK SINGLE THROW CONTACT BLOCK NORMALLY CLOSED DOUBLE BREAK SINGLE THROW CONTACT BLOCK DOUBLE BREAK DOUBLE THROW CONTACT BLOCK MUSHROOM HEAD PUSH BUTTON MAINTAINED CONTACT PUSH BUTTON 2 OR 3 POSITIONS SELECTOR SWITCH (CLOSED CONTACTS INDICATED BY "X") 3 POLE SINGLE THROW DISCONNECT SWITCH HEATER ELEMENT SWITCH - CLOSSES ON RISING TEMPERATURE HEATER ELEMENT SWITCH - OPENS ON RISING TEMPERATURE PRESSURE SWITCH - CLOSSES ON RISING PRESSURE PRESSURE SWITCH - OPENS ON RISING PRESSURE AUTOMATIC TRANSFER SWITCH	DIFFERENTIAL PRESSURE SWITCH - CLOSSES WHEN THE DIFFERENTIAL IN PRESSURE BETWEEN TWO DIAPHRAGMS EXCEEDS A SET POINT DIFFERENTIAL PRESSURE SWITCH - OPENS WHEN THE DIFFERENTIAL IN PRESSURE BETWEEN TWO DIAPHRAGMS EXCEEDS A SET POINT TIME DELAY RELAY SWITCH -CLOSSES ON TIME DELAY AFTER ENERGIZATION OF RELAY COIL TIME DELAY RELAY SWITCH -OPENS ON TIME DELAY AFTER ENERGIZATION OF RELAY COIL TIME DELAY RELAY SWITCH -CLOSSES ON TIME DELAY AFTER DE-ENERGIZATION OF RELAY COIL TIME DELAY RELAY SWITCH -OPENS ON TIME DELAY AFTER DE-ENERGIZATION OF RELAY COIL LIMIT SWITCH - NORMALLY CLOSED HELD OPEN LIMIT SWITCH - NORMALLY OPEN HELD CLOSED LIMIT SWITCH - NORMALLY CLOSED HELD OPEN LIMIT SWITCH - NORMALLY OPEN HELD CLOSED LEVEL SWITCH - CLOSSES ON RISING LEVEL LEVEL SWITCH - OPENS ON RISING LEVEL FLOW SWITCH - CLOSSES ON FLOW FLOW SWITCH - OPENS ON FLOW TRANSFORMER TYPE AND RATED AS INDICATED CONNECTION TO GROUND LIGHTNING OR SURGE ARRESTER THERMAL OVERLOAD ELEMENT CIRCUIT BREAKER HEATING ELEMENT SOLENOID VALVE DEVICE ENCLOSURE ANNUNCIATOR COUNT ETM ELAPSED TIME METER TMR ELECTRONIC TIMER TOT TOTALIZER PSC PUMP START COUNTER INDICATOR LIGHT (SEE SCHEMATIC DIAGRAM DEVICE TABLE FOR COLOR SYMBOLS) INDICATOR LIGHT (PUSH TO TEST TYPE)	COIL C - CLOSE CR - CONTROL RELAY F - FAST OR FORWARD M - MOTOR STARTER MX - MOTOR STARTER AUXILIARY RELAY N - NORMAL O - OPEN OL - OVERLOAD RELAY R - REVERSE S - SLOW TD - TIME DELAY RELAY TDAE - TIME DELAY AFTER ENERGIZATION TDAD - TIME DELAY AFTER DE-ENERGIZATION	VOLTMETER (RANGE AS INDICATED) KILOWATT HOUR METER KIRK-KEY INTERLOCK GFR GROUND FAULT RELAY CONTROL STATION TRANSFER SWITCH (TYPE AND RATING AS INDICATED) SINGLE SPEED NON-REVERSING MANUAL STARTER (NEMA OR IEC DESIGNATION AS SPECIFIED OR SHOWN) SINGLE SPEED NON-REVERSING MAGNETIC STARTER (NEMA OR IEC DESIGNATION AS SPECIFIED OR SHOWN) COMBINATION CIRCUIT BREAKER & SINGLE SPEED NON-REVERSING MAGNETIC STARTER (NEMA OR IEC DESIGNATION AS SPECIFIED OR SHOWN) COMBINATION DISCONNECT SWITCH & SINGLE SPEED NON-REVERSING STARTER (NEMA OR IEC DESIGNATION AS SPECIFIED OR SHOWN) REDUCED VOLTAGE STARTER
				POWER CIRCUIT EQUIPMENT ENCLOSURE CONTROL OR INTERLOCK CIRCUIT BUS (RATING AS INDICATED) CONDUCTOR CONNECTION DRAWOUT DEVICE DRAWOUT MOLDED CASE CIRCUIT BREAKER (600V, THERMAL MAGNETIC TYPE, UNLESS NOTED OTHERWISE) 500AT 600AF TRIP SETTING (TYP.) FRAME SIZE (TYP.) MOLDED CASE CIRCUIT BREAKER (600V, THERMAL MAGNETIC TYPE, UNLESS NOTED OTHERWISE) AIR CIRCUIT BREAKER IC INSULATED CASE CIRCUIT BREAKER FUSE (RATING AS INDICATED) DRAWOUT FUSE (RATING AS INDICATED) FUSE - SWITCH (RATING AS INDICATED) NON-FUSIBLE DISCONNECT SWITCH THERMAL OVERLOAD ELEMENT INSTANTANEOUS CONTACT CURRENT TRANSFORMER-DOUGHNOUT TYPE (QUANTITY, RATIO AND RATING AS INDICATED) CURRENT TRANSFORMER-WINDOW TYPE (RATIO AND RATING AS INDICATED) POTENTIAL TRANSFORMER (QUANTITY, RATIO AND RATING AS INDICATED) CAPACITOR BATTERY AS AMMETER SWITCH VS VOLTMETER SWITCH SS SELECTOR SWITCH A AMMETER (RANGE AS INDICATED)	EQUIPMENT TYPE EQUIPMENT TAG EQUIPMENT NO.
					ABBREVIATIONS A AMMETER AS AMMETER SWITCH SS SELECTOR SWITCH TMR TIMER CR CONTROL RELAY FLS FLOAT LEVEL SWITCH GD GAS DETECTOR GM GAS MONITORING PANEL LS LIMIT SWITCH RVS REDUCED VOLTAGE STARTER PDR PUMP DELAY RELAY PPR PUMP PROTECTION RELAY RTM RELAY TEMP/MOISTURE RTR RELAY TIMED RUN T THERMOSTAT TQ TORQUE SWITCH TS TEMPERATURE SWITCH MFP-1 MAIN FLOW PUMP #1 AFF ABOVE FINISHED FLOOR LP LIGHTING PANELBOARD MH MOUNTING HEIGHT RTU REMOTE TERMINAL UNIT WP WEATHERPROOF XP EXPLOSION-PROOF LFP LOW FLOW PUMP PP POWER PANEL JB JUNCTION BOX MD MOTORIZED DAMPER MCP MINIMUM CURRENT PROTECTION CPT CONTROL POWER TRANSFORMER DPU-E DEPARTMENT OF PUBLIC UTILITIES - ELECTRICAL EF EXHAUST FAN SF SUPPLY FAN HD HEAT DETECTOR SG SLIDE GATE UH UNIT HEATER SD SMOKE DETECTOR