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ELECTRICAL SYMBOL LIST

LIGHTING SYMBOLS

- LIGHT FIXTURE, RECESSED
- LIGHT FIXTURE, RECESSED - EMERGENCY
- LIGHT FIXTURE, SURFACE MOUNT
- LIGHT FIXTURE, SURFACE MOUNT - EMERGENCY
- LIGHT FIXTURE, STRIP
- LIGHT FIXTURE, STRIP - EMERGENCY
- DOWNLIGHT FIXTURE, RECESSED
- DOWNLIGHT FIXTURE, RECESSED, WALLWASH
- DOWNLIGHT FIXTURE, RECESSED - EMERGENCY
- LIGHT FIXTURE, WALL MOUNT
- LIGHT FIXTURE, CEILING MOUNT
- RECESSED LIGHT FIXTURE, WALL MOUNT
- LIGHT FIXTURE, WALL MOUNT
- LIGHT FIXTURE, WALL SCONCE
- LIGHT FIXTURE, TRACK W/ HEADS AS SHOWN ON PLAN
- EXIT SIGN, UNIVERSAL MOUNT, W/ DIRECTIONAL ARROW
- EXIT SIGN, WALL MOUNT, +8'-0" A.F.F.
- EMERGENCY LIGHT W/ BATTERY PACK, +8'-0" A.F.F.
- FLOOR LIGHT
- AREA LUMINAIRE
- AREA LUMINAIRE W/STANDBY LAMP
- AREA LUMINAIRE, WALL MOUNT
- AREA LUMINAIRE, POLE MOUNT

SWITCH SYMBOLS

- SWITCH, SINGLE-POLE +48" A.F.F.
- SWITCH, DOUBLE-POLE +48" A.F.F.
- SWITCH, 3-WAY +48" A.F.F.
- SWITCH, 4-WAY +48" A.F.F.
- SWITCH, MOMENTARY +48" A.F.F.
- SWITCH, DIMMER +48" A.F.F.
- SWITCH, SPST, W/PILOT LIGHT +48" A.F.F.
- SWITCH, 3-WAY, W/PILOT LIGHT +48" A.F.F.
- SWITCH, KEY-OPERATED +48" A.F.F.
- SWITCH, TIMED +48" A.F.F.
- SWITCH, LOW-VOLTAGE/DIGITAL +48" A.F.F.
- SWITCH, OCCUPANCY SENSOR +48" A.F.F.
- PHOTOCELL CONTROL
- OCCUPANCY SENSOR - CEILING MTD

WIRING SYMBOLS

- PANEL & CIRCUIT NUMBER
- HOMERUN TO PANEL
- CONDUCTOR SIZE (IF OTHER THAN #12)
- PHASE CONDUCTOR
- NEUTRAL CONDUCTOR
- GROUND CONDUCTOR
- CONCEALED CONDUIT
- CONDUIT SIZE
- CONDUIT (UNDER SLAB OR FLOOR)
- FLEXIBLE CONNECTION
- CONDUIT, STUBBED & CAPPED

POWER SYMBOLS

- RECEPTACLE, SINGLE +18" A.F.F. (U.O.N)
- RECEPTACLE, DUPLEX +18" A.F.F.
- RECEPTACLE, QUAD +18" A.F.F.
- RECEPTACLE, DUPLEX +6" ABV COUNTER
- RECEPTACLE, DUPLEX +18" A.F.F. (ONE OUTLET SWITCHED)
- RECEPTACLE, DUPLEX +18" A.F.F. (BOTH OUTLETS SWITCHED)
- RECEPTACLE, DUPLEX, PEDESTAL MOUNT
- RECEPTACLE, DUPLEX, FLUSH FLOOR MOUNT
- RECEPTACLE, SPECIAL (COORDINATE WITH EQUIPMENT SERVED)
- PLUMBOLD RACEWAY
- LENGTH & OUTLET CENTERS AS INDICATED ON PLAN
- POWER POLE
- MAGNETIC MOTOR STARTER
- MAGNETIC CONTACTOR
- RELAY
- TIME CLOCK CONTROL
- PUSHBUTTON STATION
- JUNCTION BOX
- JUNCTION BOX, EMERGENCY CIRCUIT
- THERMOSTAT
- TRANSFORMER
- DISCONNECT, NON-FUSED
- DISCONNECT, FUSED
- ELECTRICAL CONNECTION
- ELECTRICAL CONNECTION, SINGLE MOTOR
- ELECTRICAL CONNECTION, MULTI-MOTOR
- EXISTING RECEPTACLE
- ELECTRICAL DISTRIBUTION PANEL, RECESSED
- ELECTRICAL DISTRIBUTION PANEL, SURFACE
- MISCELLANEOUS PANEL, RECESSED
- MISCELLANEOUS PANEL, SURFACE
- FLUSH FLOOR BOX (W/ DEVICES AS SHOWN ON PLAN)
- ELECTRIC BASEBOARD HEATER (WATTAGE NOTED)

ONE-LINE DIAGRAM SYMBOLS

- ELECTRICAL DISTRIBUTION PANELBOARD (MLO)
- ELECTRICAL DISTRIBUTION PANELBOARD (MCB)
- SUB-FEED CIRCUIT BREAKER
- CIRCUIT BREAKER (TRIP RATING & POLES AS INDICATED ON PLAN)
- MAIN SWITCH (RATING & POLES AS INDICATED ON PLAN)
- FUSE (RATING & CLASS AS INDICATED ON PLAN)
- TRANSFER SWITCH (MANUAL OR AUTOMATIC)
- GENERATOR (RATING AS INDICATED ON PLAN)
- TRANSFORMER (RATING AS INDICATED ON PLAN)
- FUSE (RATING & CLASS AS INDICATED ON PLAN)
- GROUND SYSTEM (SIZE AS INDICATED ON PLAN)
- WATER PIPE GROUND ELECTRODE
- SURGE PROTECTION DEVICE (SPD)
- UTILITY METER & METER BASE
- UTILITY METER CURRENT TRANSFORMER
- FEEDER NO. (SEE FEEDER SCHEDULE)
- MOTOR STARTER
- 'NEMA' SIZE (AS INDICATED ON PLAN)
- STARTER TYPE (AS INDICATED ON PLAN)
- MOTOR (HORSEPOWER AS INDICATED ON PLAN)
- VOLTMETER (SCALE AS INDICATED ON PLANS)
- AMMETER (SCALE AS INDICATED ON PLANS)
- WATTMETER (SCALE AS INDICATED ON PLANS)
- CURRENT TRANSFORMER (RATING AS INDICATED ON PLANS)
- POTENTIAL TRANSFORMER (RATING AS INDICATED ON PLANS)
- INSTRUMENT SWITCH (TYPE AS INDICATED ON PLANS)

ABBREVIATIONS

- 'A', 'AE' LIGHT FIXTURE TYPE (SEE FIXTURE LIST)
- A.F.F. ABOVE FINISHED FLOOR
- A.T.S. TRANSFER SWITCH, AUTOMATIC
- C CONDUIT
- C.O. CONDUIT ONLY
- CATV CABLE TELEVISION
- CB CIRCUIT BREAKER
- CCTV CLOSED CIRCUIT TELEVISION
- C.T. CURRENT TRANSFORMER
- (E) EXISTING
- E.L. EMERGENCY LIGHT
- E.L.C. EXTERIOR LIGHTING CONTROL
- FACP FIRE ALARM CONTROL PANEL
- G.F.I. GROUND FAULT INTERRUPTER
- GND GROUND
- H.I.D. HIGH INTENSITY DISCHARGE
- HP HORSEPOWER
- HTR HEATER
- I.G. ISOLATED GROUND
- I R INFRARED
- JB JUNCTION BOX
- MCB MAIN CIRCUIT BREAKER
- MCC MOTOR CONTROL CENTER
- MLO MAIN LUGS ONLY
- M.T.S. TRANSFER SWITCH, MANUAL
- (N) NEW
- N.I.C. NOT IN CONTRACT
- N.L. NIGHT LIGHT
- OL OVERLOAD
- O.L.C. OFFICE LIGHTING CONTROL
- P POLE
- P.A. PUBLIC ADDRESS
- PH PHASE
- PRI PRIMARY
- RTU REMOTE TELEMETRY UNIT
- SEC SECONDARY
- T.R. TAMPER RESISTANT
- U.G. UNDERGROUND
- U.O.N. UNLESS OTHERWISE NOTED
- VFD VARIABLE FREQUENCY DRIVE
- W WIRE
- W.G. WIRE GUARD
- W.P. WEATHER-PROOF
- W.R. WEATHER RESISTANT
- W.T. WATERTIGHT
- X.P. EXPLOSION PROOF

NOTATIONS

- DRAWING NOTE
- DETAIL REFERENCE: TOP=DETAIL NO., BOTTOM=SHEET NO.
- MECHANICAL EQUIPMENT MARK NO. (SEE EQUIPMENT SCHEDULE)
- EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)
- EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)
- FEEDER NO. (SEE FEEDER SCHEDULE)
- FIXTURE REFERENCE: TOP=TYPE, BOTTOM=LAMP QTY & WATTS

NOTES:

1. SOME OF THE SYMBOLS AND ABBREVIATIONS ON THIS LIST MAY NOT APPLY TO THIS PROJECT.
2. MOUNTING HEIGHTS INDICATED ARE TO THE CENTER OF THE DEVICE UNLESS OTHERWISE NOTED.
3. MOUNTING HEIGHTS INDICATED SHALL BE USED UNLESS OTHERWISE NOTED ON THE PLANS.

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ELECTRICAL SYMBOL LIST

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