| BREAKER RATING | WIRE SIZE AND QUANTITY | | | | | |
|----------------|------------------------|-------------|-------------|-------------|-------------|----------|
| (AMPS) | 120V-1Ø | 208V-1Ø (1) | 208V-3Ø | 277V-1Ø | 480V-3Ø | (INCHES) |
| 20 | 2-#12, #12G | 2-#12, #12G | 3-#12, #12G | 2-#12, #12G | 3-#12, #12G | 3/4 |
| 30 | 2-#10, #10G | 2-#10, #10G | 3-#10, #10G | 2-#10, #10G | 3-#10, #10G | 3/4 |
| 40 | 2-#8, #10G | 2-#8, #10G | 3-#8, #10G | 2-#8, #10G | 3-#8, #10G | 3/4 |
| 50 | 2-#8, #10G | 2-#8, #10G | 3-#8, #10G | 2-#8, #10G | 3-#8, #10G | 3/4 |
| 60 | 2-#6, #10G | 2-#6, #10G | 3-#6, #10G | 2-#6, #10G | 3-#6, #10G | 1 |
| 70 | 2-#4, #8G | 2-#4, #8G | 3-#4, #8G | 2-#4, #8G | 3-#4, #8G | 1 1/4 |
| 80 | 2-#4, #8G | 2-#4, #8G | 3-#4, #8G | 2-#4, #8G | 3-#4, #8G | 1 1/4 |
| 90 | 2-#3, #8G | 2-#3, #8G | 3-#3, #8G | 2-#3, #8G | 3-#3, #8G | 1 1/4 |
| 100 | 2-#3, #8G | 2-#3, #8G | 3-#3, #8G | 2-#3, #8G | 3-#3, #8G | 1 1/4 |
| 125 | 2-#1, #6G | 2-#1, #6G | 3-#1, #6G | 2-#1, #6G | 3-#1, #6G | 1 1/2 |
| 150 | 2-1/0, #6G | 2-1/0, #6G | 3-1/0, #6G | 2-1/0, #6G | 3-1/0, #6G | 2 |
| 175 | 2-2/0, #6G | 2-2/0, #6G | 3-2/03, #6G | 2-2/0, #6G | 3-2/03, #6G | 2 |

FOOT NOTE (1): INCLUDE 100% SIZED NEUTRAL IF EQUIPMENT AND OR NEC REQUIRES

1. THE ABOVE WIRE AND CONDUIT SIZES ARE FOR REFERENCE ONLY. 2. THIS TABLE IS BASED ON 2005 NEC USING COPPER WIRE RATED AT 75 DEG. CELSIUS AND EMT

FOR CALCULATIONS AND MEASUREMENTS.

3. FARTHEST DEVICE ON A CIRCUIT SHALL NOT EXCEED A VOLTAGE DROP OF 3%. CONTRACTOR TO INCREASE WIRE AND CONDUIT SIZE TO ACHIEVE 3% DROP OR LESS. CONTRACTOR RESPONSIBLE

| | | MOUNTING HEIGHTS |
|---------------------------------------|------------------|---|
| | | STANDARD MOUNTING HEIGHTS |
| 4" BELOW FINISH CEILIN | NG $lacksquare$ | EXIT AND EGRESS LIGHT FIXTURES WHEN STANDARD HEIGHT AND FIXTURE IS IN CONFLICT WITH CEILING HEIGHT. |
| 81-611 | • | PENDANT-HUNG INDUSTRIAL AND STRIP LIGHTING FIXTURES. (UNLESS OTHERWISE NOTED) |
| 7'-6" | • | TOP OF WALL MOUNTED EXIT AND EGRESS LIGHTING FIXTURES (NOT MOUNTED ABOVE DOORS) |
| CENTERED AB DOOR/WINDOW OPENING | | EGRESS LIGHTING, EXIT LIGHTS, WARNING, AND SIGNALING FIXTURES/SIGN WHEN CEILING HEIGHT IS 9'-O" OR LESS |
| 6 ¹ -8 ¹¹ | • | ILLUMINATED FIRE SIGNALS (SEE NOTE #3) |
| 6'-6" | • | TOP OF FLUSH AND SURFACE MOUNTED ELECTRICAL PANEL BOARDS AND TELEPHONE CABINETS |
| 6 ¹ -0 ¹¹ | • | TOP OF HIGHEST ELECTRICAL SAFETY DISCONNECT SWITCHES, MAGNETIC STARTERS, AND CONTACTORS |
| 4 ¹ -0 ¹¹ | • | LIGHTING SWITCHES, MANUAL MOTOR STARTERS, AND DISCONNECTS (TOP OF DEVICE) |
| 41-011 | • | FIRE ALARM PULL STATIONS THERMOSTATS, INTERCOM PHONES, CARD READERS AND FIRE ALARM REMOTE ANNUNCIATORS (TOP OF DEVICE) |
| 31-611 | • | WALL-MOUNTED TELEPHONES AND PAY STATIONS |
| 21-011 | • | ELECTRICAL RECEPTACLES WITHIN MECHANICAL SPACES, ELECTRICAL AND ELEVATOR ROOMS |
| 18 ¹¹ | • | ELECTRICAL RECEPTACLES, TELEPHONE OUTLETS, AND VOICE/DATA |
| 12" | • | GUEST ROOM RECEPTACLES, TELEPHONE OUTLETS, AND VOICE/DATA |
| 00" | | FINISHED FLOOR |
| CUSTOM M | NOUNTIN | NG HEIGHTS (APPLIES TO OTHER DEVICES NOT SHOWN HERE) |
| ⊕ *# | | S MOUNTING HEIGHT ABOVE FINISHED FLOOR IN INCHES TO CENTER OR BOTTOM OF LUMINAIRE |
| ⊕ ^{AC} | ARCHITECTOP OF B | TES MOUNTING 2" TO BOTTOM OF BOX MEASURED FROM TURAL BACK SPLASH OR COUNTER TOP, IF MISSING BACK SPLASH. BOX TO BE NO HIGHER THAN 46" ABOVE FINISHED FLOOR. |

(REFER TO ARCHITECTURAL PLANS FOR ELEVATIONS) MOUNTING HEIGHTS TO CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN MASONRY CONSTRUCTION THE ABOVE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO NEAREST BLOCK OR BRICK COURSING.

2. THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS OR SPECIFICATIONS.

3. NFPA-72 MOUNTING RANGE IS BETWEEN 80" TO 96" ABOVE FINISHED FLOOR. DEVICES TO BE MOUNTED AT 80" ABOVE FINISHED FLOOR UNLESS IN CONFLICT WITH A MINIMUM OF 6" SEPARATION BETWEEN DEVICE AND CEILING, AND ALL LIKE DEVICES IN SPACE TO BE MOUNTED AT SAME ELEVATION.

| SINGLE LINE DIAGRAM SYMBOLS | | | | | BOLS |
|-----------------------------|--|----------------------------------|----------------------|--------------------------|----------------------------------|
| SYMBOL | DE | SCRIPTION | SYMBOL | DE | SCRIPTION |
| | CONDUCTORS AND CONDUIT VOLTMETER SWITCH | | | AMPMETER | CONTROL WIRING |
| $\overline{++}$ | NORMALLY C | PPEN CONTACTOR | | NORMALLY | OPEN CONTACTOR |
| | MOTOR | | TVSS | TRANSIENT SUPPRESSEI | VOLTAGE SURGE R DEVICE |
| ST | SHUNT TRIP | RELAY | = | GROUNDING | POINT |
| X | INDICATING | LIGHT | GFR | GROUND FA | ULT RELAY |
| A | AMPMETER | | \bigcirc | VOLTMETER | |
| M | | OUR/DEMAND CT CABINET | | PUSH BUTTO | ON |
| AMPS POLES | SWITCH | | 7 | OVERLOAD | RELAY |
| MFG FRAME AMPS | CIRCUIT BREAKER | | MFG FRAME AMPS | FUSE | |
| (| - | CURRENT TRANSFORMER | -} | _ | POTENTIAL TRANSFORMER |
| | | MOTOR STARTER (BY CONTRACTOR) | | | MOTOR STARTER WITH DISCONNECT |
| 1 | RTER BY HERS | STARTER BY OTHERS | VS | SD VA | RIABLE SPEED DRIVE |
| | NEMA AMPS POLES | ENCLOSED FUSED DISCONNECT | | NEMA AMPS EN POLES | CLOSED DISCONNECT |
| | G | GENERATOR | | SE! | RVICE TRANSFORMER |
| N• | •E | AUTOMATIC TRANSFER SWITCH | PANE | | ECTRICAL PANEL |

| EMERGENCY RECESSED 2x4 TROFFER EMERGENCY RECESSED 2x4 TROFFER STRIP FLUORESCENT LIGHT EMERGENCY STRIP FLUORESCENT LIGHT RECESSED DOWN LIGHT EMERGENCY RECESSED DOWN LIGHT WALL MOUNTED LINEAR FLUORESCENT LIGHT EMERGENCY SURFACE MOUNTED DOME LIGHT ROUND PENDENT LIGHT LINEAR PENDENT LIGHT WALL SCONCE SURFACE/RECESSED HID LIGHT FLOOD LIGHT BOLLARD LIGHT CELLING MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEISI WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEISI WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEISI EMERGENCY LIGHTING UNIT EMERGENCY LIGHTING UNIT WITH EXTENDED BATTERY PREMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS EMERGENCY LIGHTING UNIT, BATTERY ONLY SWITCHES BIT BY-PASS SHUNT-TRIP WITH JUNCTION BOX. SINGLE POLE SWITCH SWITCHES THREE WAY SWITCH SWITCH WAY SWITCH SWITCH WAY SWITCH SINGLE POLE SWITCH SINGLE POLE SWITCH MOMENTARY CONTACT SWITCH SINGLE POLE SWITCH SCHEDULE NOTES. 1- THE AROVE SWADOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS DISCO IN THE DRAWINGS, OTHER GIMILAR SYMBOLS SCHEDULE NOTES. | | EMERGENCY RECESSED 2x4 TROFFER |
|--|---------------------------|---|
| STRIP FLUORESCENT LIGHT EMERGENCY STRIP FLUORESCENT LIGHT RECESSED DOWN LIGHT EMERGENCY RECESSED DOWN LIGHT WALL MOUNTED LINEAR FLUORESCENT LIGHT WALL MOUNTED LINEAR FLUORESCENT LIGHT WALL MOUNTED LINEAR FLUORESCENT LIGHT WALL MOUNTED DOME LIGHT EMERGENCY SURFACE MOUNTED DOME LIGHT ROUND PENDENT LIGHT LINEAR PENDENT LIGHT COVE LIGHTS AND LIGHTS BY LENGHT WALL SCONCE SURFACE/RECESSED HID LIGHT DOLLIGHT BOLLARD LIGHT CEILING MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) EMERGENCY LIGHTING UNIT EMERGENCY LIGHTING UNIT PREMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS SWITCHES STI BY-PASS SHUNT-TRIP WITH JUNCTION BOX. \$ SINGLE POLE SWITCH "\$ NOTOR RATED SWITCH "\$ MOMENTARY CONTACT SWITCH "\$ MOMENTARY CONTACT SWITCH "\$ MOMENTARY CONTACT SWITCH "\$ SWITCH WITH PILOT LIGHT "\$ MOTOR RATED SWITCH "\$ SWITCH WITH PILOT LIGHT "\$ MOTOR RATED SWITCH "\$ SWITCH WITH PILOT LIGHT "\$ SWITCH WITH PILOT LIGHT "\$ SWITCH SWITCH TIGHT "\$ SWITCH WITH PILOT LIGHT "\$ SWITCH SWITCH TIGHT "\$ SWITCH WITH PILOT LIGHT "\$ SWITCH SWITCH TIGHT "\$ SWITCH SWITCH SWITCH CS SINGLE POLE SWITCH "\$ SWINCH SWITCH SWITCH SCHEPULE NOTES: LITHE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS SEED IN THE DRAWINGS OTHER SIMILAR SYMBOLS SCHEPULE NOTES: LITHE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SCHEPULE NOTES: LITHE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SCHEPULE NOTES: LITHE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SCHEPULE NOTES: LITHE ABOVE SYMBOLS SHEED IN THE DRAWINGS OTHER SIMILAR SYMBOLS | | RECESSED 2x2 FLUORESCENT TROFFER |
| EMERGENCY STRIP FLUDRESCENT LIGHT O RECESSED DOWN LIGHT EMERGENCY RECESSED DOWN LIGHT WALL MOUNTED LINEAR FLUORESCENT LIGHT WALL MOUNTED LINEAR FLUORESCENT LIGHT WALL MOUNTED LINEAR FLUORESCENT LIGHT SURFACE MOUNTED DOME LIGHT EMERGENCY SURFACE MOUNTED DOME LIGHT ROUND PENDENT LIGHT COVE LIGHTS AND LIGHTS BY LENGHT WALL SCONCE SURFACE/RECESSED HID LIGHT FLOOD LIGHT BOLLARD LIGHT CEILING MOUNTED EXIT SIGN, ARROWS AS INDICATE FACEIS) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATE FACEIS) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATE FACEIS) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATE FACEIS) EMERGENCY LIGHTING UNIT EMERGENCY LIGHTING UNIT PREMOTE EMERGENCY LIGHTING UNIT PREMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS SWITCHES BY-PASS SHUNT-TRIP WITH JUNCTION BOX. SINGLE POLE SWITCH "S KEYED SWITCH "S KEYED SWITCH "S MOMENTARY CONTACT SWITCH "S MOMENTARY CONTACT SWITCH "S MOLE POLE SWITCH "S MOLE POLE SWITCH "S MOLE POLE SWITCH "S MOMENTARY CONTACT SWITCH "S MOLE POLE SWITCH "S MOLE POLE SWITCH "S MOLE POLE SWITCH "S MOMENTARY CONTACT SWITCH "S SWITCH WITH PILOT LIGHT "S MOTOR RATED SWITCH WITH INTEGRATED ONCLUPANCY SENSOR SCHEDULE NOTES. 1-THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS BEIGN IN THE DRAWINGS OTHER SIMILAR SYMBOLS SCHEDULE NOTES. 1-THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS BEIGN IN THE DRAWINGS OTHER SIMILAR SYMBOLS | | EMERGENCY RECESSED 2x4 TROFFER |
| C RECESSED DOWN LIGHT ■ EMERGENCY RECESSED DOWN LIGHT WALL MOUNTED LINEAR FLUORESCENT LIGHT WALL MOUNTED LINEAR FLUORESCENT LIGHT ■ SURFACE MOUNTED DOME LIGHT ■ EMERGENCY SURFACE MOUNTED DOME LIGHT ■ ROUND PENDENT LIGHT COVE LIGHTS AND LIGHTS BY LENGHT ■ SURFACE/RECESSED HID LIGHT ■ BOLLARD LIGHT ■ CEILING MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTIORS INDICATE FACE(S) ■ WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTIORS INDICATE FACE(S) ■ WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTIORS INDICATE FACE(S) ■ EMERGENCY LIGHTING UNIT WITH EXTENDED BATTERY P REMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS ■ COMMERCE SECTION SIGN ARROWS AS INDICATED SHADED SECTIONS INDICATE FACE(S) ■ THREE WAY SWITCH SWITCHES ■ SINGLE POLE SWITCH ■ SURFACE/RECESSED HID LIGHT WATTH EXTENDED BATTERY BY-PASS SHUNT-TRIP WITH JUNCTION BOX. \$ SINGLE POLE SWITCH ■ FOUR WAY SWITCH ■ FOUR WAY SWITCH ■ SWITCH WITH PILOT LIGHT ■ MOMENTARY CONTACT SWITCH ■ SWINCLE MOTES: SCHEDULE NOTES: 1-THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS OTHER SIMILAR SYMBOLS SCHEDULE NOTES: 1-THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS OTHER SIMILAR SYMBOLS | | STRIP FLUORESCENT LIGHT |
| ■ EMERGENCY RECESSED DOWN LIGHT WALL MOUNTED LINEAR FLUORESCENT LIGHT WALL MOUNTED LINEAR FLUORESCENT LIGHT WALL MOUNTED DOME LIGHT SURFACE MOUNTED DOME LIGHT ROUND PENDENT LIGHT LINEAR PENDENT LIGHT COVE LIGHTS AND LIGHTS BY LENGHT WALL SCONCE SURFACE/RECESSED HID LIGHT DELIAND LIGHT CEILING MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) EMERGENCY LIGHTING UNIT WITH EXTENDED EMERGENCY LIGHTING UNIT WITH EXTENDED PREMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS SWITCHES BY-PASS SHUNT-TRIP WITH JUNCTION BOX: SINGLE POLE SWITCH KS KEYED SWITCH KS KEYED SWITCH MS MOMENTARY CONTACT SWITCH MS MOMENTARY CONTACT SWITCH MS MOMENTARY CONTACT SWITCH MS MOTOR RATED SWITCH WITH INTEGRATED COCCUPANCY SYMBOLS SCHEPULE NOTES: STHED BUSED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS SCHEPULE NOTES: 1 THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS SUED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | | EMERGENCY STRIP FLUORESCENT LIGHT |
| WALL MOUNTED LINEAR FLUORESCENT LIGHT WALL MOUNTED LINEAR FLUORESCENT LIGHT SURFACE MOUNTED DOME LIGHT EMERGENCY SURFACE MOUNTED DOME LIGHT ROUND PENDENT LIGHT LINEAR PENDENT LIGHT COVE LIGHTS AND LIGHTS BY LENGHT WALL SCONCE SURFACE/RECESSED HID LIGHT FLOOD LIGHT BOLLARD LIGHT CEILING MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEIS) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEIS) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEIS) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEIS) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEIS) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEIS) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED FACEIS) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATE FACEIS) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATE FACEIS) WERRESCRY LIGHTING UNIT PREMOTE EMERGENCY LIGHTING UNIT FRAMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS SWITCHES STINGLE POLE SWITCH SWITCHES THERE WAY SWITCH K KEYED SWITCH MS MOMENTARY CONTACT SWITCH MS MOMENTARY CONTACT SWITCH SWITCH WITH PILOT LIGHT MS MOTOR RATED SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: 1 THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS | 0 | RECESSED DOWN LIGHT |
| WALL MOUNTED LINEAR FLUORESCENT LIGHT SURFACE MOUNTED DOME LIGHT EMERGENCY SURFACE MOUNTED DOME LIGHT ROUND PENDENT LIGHT LINEAR PENDENT LIGHT COVE LIGHTS AND LIGHTS BY LENGHT WALL SCONCE SURFACE/RECESSED HID LIGHT DOLLARD LIGHT BOLLARD LIGHT CELLING MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEISI WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEISI WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEISI WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEISI REMORE EMERGENCY LIGHTING UNIT REMORE EMERGENCY LIGHTING UNIT, WET LOCATIONS SWITCHES BY-PASS SHUNT-TRIP WITH JUNCTION BOX. SINGLE POLE SWITCH SWITCHES THREE WAY SWITCH KEYED SWITCH KEYED SWITCH MS MOMENTARY CONTACT SWITCH MS MOTOR RATED SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: 1. THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS SUED IN THE DRAWINGS, OTHER SIMILAR SYMBOLS | • | EMERGENCY RECESSED DOWN LIGHT |
| SURFACE MOUNTED DOME LIGHT EMERGENCY SURFACE MOUNTED DOME LIGHT ROUND PENDENT LIGHT LINEAR PENDENT LIGHT COVE LIGHTS AND LIGHTS BY LENGHT WALL SCONCE SURFACE/RECESSED HID LIGHT FLOOD LIGHT BOLLARD LIGHT CEILING MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEIS WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACEIS EMERGENCY LIGHTING UNIT EMERGENCY LIGHTING UNIT WITH EXTENDED BATTERY REMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS SWITCHES THERE WAY SWITCH KEYED SWITCH KEYED SWITCH MOMENTARY CONTACT SWITCH MOMENTARY CONTACT SWITCH SYMOLS USED IN THE DRAWINGS, OTHER SIMILAR SYMBOLS SCHEDULE NOTES. CHEDULE NOTES. CHEDULE NOTES. SCHEDULE NOTES. CHEDULE NOTES. | | WALL MOUNTED LINEAR FLUORESCENT LIGHT |
| EMERGENCY SURFACE MOUNTED DOME LIGHT ROUND PENDENT LIGHT LINEAR PENDENT LIGHT COVE LIGHTS AND LIGHTS BY LENGHT WALL SCONCE SURFACE/RECESSED HID LIGHT DESCRIPTION OF PROPERTY SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) EMERGENCY LIGHTING UNIT REMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS EMERGENCY LIGHTING UNIT, WET LOCATIONS SWITCHES SUBJECTED BY-PASS SHUNT-TRIP WITH JUNCTION BOX. SINGLE POLE SWITCH THREE WAY SWITCH KEYED SWITCH KEYED SWITCH MOMENTARY CONTACT SWITCH MOMENTARY CONTACT SWITCH SUITCH WITH PILOT LIGHT MOTOR RATED SWITCH SCHEDULE NOTES. 1. THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS SEED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | 0 | WALL MOUNTED LINEAR FLUORESCENT LIGHT |
| ROUND PENDENT LIGHT LINEAR PENDENT LIGHT COVE LIGHTS AND LIGHTS BY LENGHT WALL SCONCE SURFACE/RECESSED HID LIGHT FLOOD LIGHT BOLLARD LIGHT CEILING MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) EMERGENCY LIGHTING UNIT EMERGENCY LIGHTING UNIT WITH EXTENDED BATTERY REMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS EMERGENCY LIGHTING UNIT, BATTERY ONLY SWITCHES ST BY-PASS SHUNT-TRIP WITH JUNCTION BOX. \$ SINGLE POLE SWITCH KEYED SWITCH KEYED SWITCH MOMENTARY CONTACT SWITCH MUST SWITCH WITH PILOT LIGHT MUST SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: 1-THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS SEDE IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | © | SURFACE MOUNTED DOME LIGHT |
| LINEAR PENDENT LIGHT COVE LIGHTS AND LIGHTS BY LENGHT WALL SCONCE SURFACE/RECESSED HID LIGHT FLOOD LIGHT BOLLARD LIGHT CEILING MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) EMERGENCY LIGHTING UNIT EMERGENCY LIGHTING UNIT REMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS EMERGENCY LIGHTING UNIT, WET LOCATIONS SWITCHES BY-PASS SHUNT-TRIP WITH JUNCTION BOX. SINGLE POLE SWITCH KS KEYED SWITCH KS KEYED SWITCH MS DIMMER SWITCH - CONFIRM WATTAGE MCS MOMENTARY CONTACT SWITCH MS SWITCH WITH PILOT LIGHT MS MOTOR RATED SWITCH CC SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: 1-THE ABOUS SEDD IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | • | EMERGENCY SURFACE MOUNTED DOME LIGHT |
| COVE LIGHTS AND LIGHTS BY LENGHT WALL SCONCE SURFACE/RECESSED HID LIGHT DESCRIPTION OF POSSIBLE WALL SCONCE SURFACE/RECESSED HID LIGHT DESCRIPTION OF POSSIBLE WALL SCONCE SURFACE/RECESSED HID LIGHT DESCRIPTION OF POSSIBLE WALL MOUNTED EXIT SIGN, ARROWS AS INDICATE FACEISI WE MERGENCY LIGHTING UNIT SWHITCHES STIPLE MERGENCY LIGHTING UNIT, WET LOCATIONS SWHITCHES STIPLE WAY SWITCH WE SWHITCH WE SWITCH WAY SWITCH WE SWITCH WITH PILOT LIGHT MS MOTOR RATED SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: THE ABOVE STMOOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS, OTHER SIMILAR SYMBOLS | \bigoplus | ROUND PENDENT LIGHT |
| SURFACE/RECESSED HID LIGHT SURFACE/RECESSED HID LIGHT | • • | LINEAR PENDENT LIGHT |
| SURFACE/RECESSED HID LIGHT SURFACE/RECESSED HID LIGHT | | COVE LIGHTS AND LIGHTS BY LENGHT |
| FLOOD LIGHT BOLLARD LIGHT CEILING MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) EMERGENCY LIGHTING UNIT EMERGENCY LIGHTING UNIT WITH EXTENDED BATTERY PREMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS EMERGENCY LIGHTING UNIT, BATTERY ONLY SWITCHES BY-PASS SHUNT-TRIP WITH JUNCTION BOX. SINGLE POLE SWITCH THREE WAY SWITCH KEYED SWITCH KEYED SWITCH MOMENTARY CONTACT SWITCH MOMENTARY CONTACT SWITCH MOMENTARY CONTACT SWITCH MS MOTOR RATED SWITCH SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | Δ | WALL SCONCE |
| BOLLARD LIGHT CEILING MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) EMERGENCY LIGHTING UNIT EMERGENCY LIGHTING UNIT WITH EXTENDED BATTERY PREMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS EMERGENCY LIGHTING UNIT, BATTERY ONLY SWITCHES ST BY-PASS SHUNT-TRIP WITH JUNCTION BOX. SINGLE POLE SWITCH THREE WAY SWITCH KEYED SWITCH MS DIMMER SWITCH - CONFIRM WATTAGE MCS MOMENTARY CONTACT SWITCH MS SWITCH WITH PILOT LIGHT MS MOTOR RATED SWITCH SCHEDULE NOTES: THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | 0 | SURFACE/RECESSED HID LIGHT |
| CEILING MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) EMERGENCY LIGHTING UNIT EMERGENCY LIGHTING UNIT WITH EXTENDED BATTERY PREMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS EMERGENCY LIGHTING UNIT, BATTERY ONLY SWITCHES ST BY-PASS SHUNT-TRIP WITH JUNCTION BOX. \$ SINGLE POLE SWITCH THREE WAY SWITCH KEYED SWITCH KEYED SWITCH MCS MOMENTARY CONTACT SWITCH MS MOMENTARY CONTACT SWITCH MS SINGLE POLE SWITCH MS MOTOR RATED SWITCH SINGLE POLE SWITCH MS SINGLE POLE SWITCH MS MOTOR RATED SWITCH SINGLE POLE SWITCH MS SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: I. THE ABOVE STMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS, OTHER SIMILAR SYMBOLS | -0 | FLOOD LIGHT |
| INDICATED, SHADED SECTORS INDICATE FACE(S) WALL MOUNTED EXIT SIGN, ARROWS AS INDICATED, SHADED SECTORS INDICATE FACE(S) EMERGENCY LIGHTING UNIT EMERGENCY LIGHTING UNIT WITH EXTENDED BATTERY PREMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS EMERGENCY LIGHTING UNIT, BATTERY ONLY SWITCHES ST BY-PASS SHUNT-TRIP WITH JUNCTION BOX. \$ SINGLE POLE SWITCH THREE WAY SWITCH KEYED SWITCH KEYED SWITCH MOMENTARY CONTACT SWITCH MOMENTARY CONTACT SWITCH MOTOR RATED SWITCH MOTOR RATED SWITCH SINGLE POLE SWITCH MOTOR RATED SWITCH SINGLE POLE SWITCH MOTOR RATED SWITCH BINGLE POLE SWITCH SINGLE POLE SWITCH MOTOR RATED SWITCH SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS, OTHER SIMILAR SYMBOLS | + | BOLLARD LIGHT |
| INDICATED, SHADED SECTORS INDICATE FACE(S) EMERGENCY LIGHTING UNIT EMERGENCY LIGHTING UNIT WITH EXTENDED BATTERY PREMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS EMERGENCY LIGHTING UNIT, BATTERY ONLY SWITCHES ST BY-PASS SHUNT-TRIP WITH JUNCTION BOX. \$ SINGLE POLE SWITCH THREE WAY SWITCH KEYED SWITCH KEYED SWITCH MOMENTARY CONTACT SWITCH MOMENTARY CONTACT SWITCH MOMENTARY SWITCH MOTOR RATED SWITCH SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS, OTHER SIMILAR SYMBOLS | ▼ | |
| EMERGENCY LIGHTING UNIT WITH EXTENDED BATTERY P REMOTE EMERGENCY LIGHTING UNIT P REMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS EMERGENCY LIGHTING UNIT, BATTERY ONLY SWITCHES BY-PASS SHUNT-TRIP WITH JUNCTION BOX. \$ SINGLE POLE SWITCH THREE WAY SWITCH KEYED SWITCH KEYED SWITCH DIMMER SWITCH - CONFIRM WATTAGE MC MOMENTARY CONTACT SWITCH SWITCH WITH PILOT LIGHT M MOTOR RATED SWITCH CS SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS, OTHER SIMILAR SYMBOLS | \$ | |
| REMOTE EMERGENCY LIGHTING UNIT REMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS EMERGENCY LIGHTING UNIT, BATTERY ONLY SWITCHES ST BY-PASS SHUNT-TRIP WITH JUNCTION BOX. \$ SINGLE POLE SWITCH THREE WAY SWITCH KEYED SWITCH MC KEYED SWITCH MC MOMENTARY CONTACT SWITCH MC SWITCH WITH PILOT LIGHT M SWITCH WITH PILOT | 4 | EMERGENCY LIGHTING UNIT |
| REMOTE EMERGENCY LIGHTING UNIT, WET LOCATIONS EMERGENCY LIGHTING UNIT, BATTERY ONLY SWITCHES ST BY-PASS SHUNT-TRIP WITH JUNCTION BOX. \$ SINGLE POLE SWITCH THREE WAY SWITCH KEYED SWITCH DIM KEYED SWITCH DIM MOMENTARY CONTACT SWITCH MS MOMENTARY CONTACT SWITCH MS SWITCH WITH PILOT LIGHT MS MOTOR RATED SWITCH DIC SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR CHEDULE NOTES: THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS, OTHER SIMILAR SYMBOLS | 4 | |
| EMERGENCY LIGHTING UNIT, BATTERY ONLY SWITCHES BY-PASS SHUNT-TRIP WITH JUNCTION BOX. \$ SINGLE POLE SWITCH THREE WAY SWITCH KEYED SWITCH KEYED SWITCH MOMENTARY CONTACT SWITCH MOMENTARY CONTACT SWITCH MOTOR RATED SWITCH MOTOR RATED SWITCH SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR CHEDULE NOTES: THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS, OTHER SIMILAR SYMBOLS | P | REMOTE EMERGENCY LIGHTING UNIT |
| SWITCHES BY-PASS SHUNT-TRIP WITH JUNCTION BOX. \$ SINGLE POLE SWITCH THREE WAY SWITCH FOUR WAY SWITCH KEYED SWITCH DIMMER SWITCH - CONFIRM WATTAGE MCS MOMENTARY CONTACT SWITCH SWITCH WITH PILOT LIGHT MS MOTOR RATED SWITCH CS SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR CCHEDULE NOTES: THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS, OTHER SIMILAR SYMBOLS | r | |
| BY-PASS SHUNT-TRIP WITH JUNCTION BOX. \$ SINGLE POLE SWITCH THREE WAY SWITCH FOUR WAY SWITCH KEYED SWITCH DIMMER SWITCH - CONFIRM WATTAGE MC\$ MOMENTARY CONTACT SWITCH SWITCH WITH PILOT LIGHT M\$ MOTOR RATED SWITCH C\$ SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: I. THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | Ш | EMERGENCY LIGHTING UNIT, BATTERY ONLY |
| \$ SINGLE POLE SWITCH THREE WAY SWITCH FOUR WAY SWITCH KEYED SWITCH DIMMER SWITCH - CONFIRM WATTAGE MC\$ MOMENTARY CONTACT SWITCH SWITCH WITH PILOT LIGHT M\$ MOTOR RATED SWITCH SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: In the Above Symbols are a representation of Possible Symbols Used in the Drawings. Other Similar Symbols | | SWITCHES |
| THREE WAY SWITCH FOUR WAY SWITCH KEYED SWITCH DIMMER SWITCH - CONFIRM WATTAGE MC MC MOMENTARY CONTACT SWITCH SWITCH WITH PILOT LIGHT M MOTOR RATED SWITCH SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR CCHEDULE NOTES: THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | ST | BY-PASS SHUNT-TRIP WITH JUNCTION BOX. |
| FOUR WAY SWITCH KEYED SWITCH DM DIMMER SWITCH - CONFIRM WATTAGE MC MOMENTARY CONTACT SWITCH SWITCH WITH PILOT LIGHT M MOTOR RATED SWITCH SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | \$ | SINGLE POLE SWITCH |
| KEYED SWITCH DM DIMMER SWITCH - CONFIRM WATTAGE MC MOMENTARY CONTACT SWITCH SWITCH WITH PILOT LIGHT M MOTOR RATED SWITCH CSUPANCY SENSOR SCHEDULE NOTES: THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | 3 | THREE WAY SWITCH |
| DIMMER SWITCH - CONFIRM WATTAGE MC MOMENTARY CONTACT SWITCH SWITCH WITH PILOT LIGHT M MOTOR RATED SWITCH SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: 1. THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | 4\$ | FOUR WAY SWITCH |
| MC MOMENTARY CONTACT SWITCH SWITCH FILOT LIGHT MS MOTOR RATED SWITCH SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: I. THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | K \$ | KEYED SWITCH |
| SWITCH WITH PILOT LIGHT M MOTOR RATED SWITCH SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | DM \$ | DIMMER SWITCH - CONFIRM WATTAGE |
| MOTOR RATED SWITCH SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: 1. THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | MC \$ | MOMENTARY CONTACT SWITCH |
| SINGLE POLE SWITCH WITH INTEGRATED OCCUPANCY SENSOR SCHEDULE NOTES: 1. THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | P \$ | SWITCH WITH PILOT LIGHT |
| SCHEDULE NOTES: 1. THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | M \$ | MOTOR RATED SWITCH |
| 1. THE ABOVE SYMBOLS ARE A REPRESENTATION OF POSSIBLE SYMBOLS USED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS | □C \$ | |
| MITAL DE COLD. | I. THE ABOVE SYMBOLS U | SYMBOLS ARE A REPRESENTATION OF POSSIBLE SED IN THE DRAWINGS. OTHER SIMILAR SYMBOLS |
| | | |

ELEC. LIGHTING SYMBOLS

A1 "A" TYPICAL LUMINAIRE TAG (-EM = EMERGENCY

RECESSED 2x4 FLUORESCENT TROFFER

BATTERY PACK)

DESCRIPTION

| EL | EC. ABBREVIATIONS |
|---------|--|
| ABBREV. | DEFINITION |
| AC | ABOVE COUNTER |
| AFCI | ARC FAULT CIRCUIT INTERRUPTER |
| AFG | ABOVE FINISH GRADE |
| AIC | AVAILABLE INTERRUPTING CURRENT (AMPS) |
| AL | ALUMINUM CONDUCTORS |
| ATS | AUTOMATIC TRANSFER SWITCH |
| CATV | CABLE TV |
| CCTV | CLOSE CIRCUIT TV |
| DB | DATA BACKBOARD |
| (E) | EXISTING ELECTRICAL EQUIPMENT OR WORK |
| EMERG | EMERGENCY |
| FACP | FIRE ALARM CONTROL PANEL |
| FLA | FULL LOAD AMPS |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER |
| GRD | GROUND |
| IDF | INTERMEDIATE DISTRIBUTION FRAME |
| IG | ISOLATED GROUND |
| MCB | MAIN CIRCUIT BREAKER |
| MDF | MAIN DISTRIBUTION FRAME |
| MDP | MAIN DISTRIBUTION PANEL |
| MLO | MAIN LUG ONLY |
| (N) | NEW ELECTRICAL EQUIPMENT OR WORK |
| NEMA | NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION |
| NL | NIGHT LIGHT |
| OS | OCCUPANCY SENSOR |
| PACK | BATTERY PACK |
| (R) | RELOCATED EXISTING ELECTRICAL EQUIPMENT |
| (R&R) | REMOVE AND RELOCATE |
| RGS | RIGID GALVANIZED STEEL |
| ТВ | TELEPHONE BACKBOARD |
| | I man applicable to the control of t |

TELEPHONE EQUIPMENT DISTRIBUTION PANEL

WEATHER PROOF

TEDP

| | POWERED WIRING |
|-----------------|--|
| (⊑) | EXISTING COMPONENT |
| φ | SINGLE RECEPTACLE OUTLET |
| φ | DUPLEX RECEPTACLE OUTLET |
| P | DUPLEX OUTLET W/ INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER |
| φ ^{IG} | ISOLATED GROUND DUPLEX RECEPTACLE OUTLET |
| Φ | 1/2 SWITCHED DUPLEX RECEPTACLE OUTLET |
| # | QUAD RECEPTACLE OUTLET |
| Ø | RECESSED FLOOR SINGLE RECEPTACLE OUTLET |
| | RECESSED FLOOR DUPLEX RECEPTACLE OUTLET |
| # | RECESSED FLOOR QUAD RECEPTACLE OUTLET |
| \$ | CEILING MOUNTED DUPLEX RECEPTACLE OUTLET |
| - | HORIZONTALLY MOUNTED RECEPTACLE OUTLET |
| • | HIGH VOLTAGE RECEPTACLE OUTLET |
| Φ | PEDESTAL SINGLE RECEPTACLE OUTLET |
| Ф | PEDESTAL DUPLEX RECEPTACLE OUTLET |
| ⊕ | PEDESTAL QUAD RECEPTACLE OUTLET |
| • | POWER CONNECTION THE FURNITURE |
| ₽WP | WEATHER PROOF GFCI RECEPTACLE OUTLET |
| Φ | 220 VOLT RECEPTACLE OUTLET |
| φ | SPECIAL PURPOSE OUTLET, PER EQUIPMENT SERVED. |
| Q | WALL MOUNTED JUNCTION BOX |
| J | CEILING MOUNTED JUNCTION BOX |
| ò | DISCONNECT SWITCH, SIZED PER CIRCUIT |
| 궙 | DISCONNECT FUSED SWITCH, SIZED PER CIRCUIT |
| Ճ | COMBINATION MAGNETIC MOTOR STARTER |
| VSD | VARIABLE SPEED DRIVE |
| СТВ | CABLE TAP BOX |
| × | CEILING FAN |
| Ø | ELECTRIC MOTOR |
| | SURFACE MOUNTED ELECTRICAL PANEL |
| | RECESSED ELECTRICAL PANEL |
| | ELECTRIC METER |
| R | RELAY |
| C | LIGHTING CONTACTOR |
| TC | TIME CLOCK |
| T | THERMOSTAT - COORDINATE WITH MECHANICAL |
| • | PUSH BUTTON |
| O B | BELL |
| с <u> </u> | CONDUIT DOWN |
| O | CONDUIT UP |
| | HOME RUN |
| | HOME RUN DIRECTLY CONNECTED TO EQUIPMENT |
| | SMOKE DAMPER MOTOR PROVIDED BY MECHANICAL TRADES WIRED BY ELECTRICAL TRADES, REFER TO FIRE ALARM FOR MONITORING WIRING |
| | MULTI-DEVICE CIRCUIT, MULTIPLE DEVICES ARE |

ELEC. POWER SYMBOLS

DESCRIPTION

DEMO GENERAL NOTES

- ANY INTERRUPTIONS OF EXISTING SERVICES AND/OR EQUIPMENT SHALL BE PERFORMED AT A TIME APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE SO AS NOT TO INTERFERE WITH THE PRESENT BUILDING'S OPERATION.
- THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL INTENT OF WORK TO BE PERFORMED. THE EXACT EXTENT OF DEMOLITION SHALL BE AS REQUIRED BY THE NEW
- ALL ELECTRICAL ITEMS TO BE REMOVED SHALL BE REMOVED C COMPLETE WITH ALL RELATED ITEMS INCLUDING HANGERS, SUPPORTS, CONTROLS, ETC. CAP ALL OPEN ENDED CONDUIT.
- ALL DEMOLITION OF THE EXISTING ELECTRICAL SYSTEMS, INCLUDING BUT NOT LIMITED TO CONDUIT, CONDUCTORS, LIGHTS, D DEVICES, CONTROLS, SUPPORTS, HANGERS, AND EQUIPMENT SHALL BE UNDER SCOPE OF THE ELECTRICAL SECTION OF THE SPECIFICATIONS. THE OWNER SHALL HAVE FIRST RITE OF REFUSAL ON ALL

EQUIPMENT BEING REMOVED.

| ELEC. | DRAWING SYMBOL |
|---------------------|---|
| SYMBOL | DESCRIPTION |
| $\langle 1 \rangle$ | CONSTRUCTION KEY NOTE |
| 1 | DEMOLITION KEY NOTE |
| EF 1 | EQUIPMENT DESIGNATION |
| | LINE OF DEVICES OR EQUIPMENT BEYOND OR BELOW THE FLOOR |
| | EXISTING SYSTEM COMPONENT TO BE REMOV |
| | LINE OF NEW OR MODIFIED DEVICES OR EQU |
| 3-12,1-8 G | WIRE TAG - (3) #12 HOTS WITH (1) #8 GROUND |
| PNL-A | PANEL TAG - "A" DESIGNATES PANEL NAME |
| 30N3R 25TR | DISCONNECT TAG - 30 AMP, NEMA 3R, 25 AM OVER CURRENT PROTECTION |
| | |
| ELECTR | ICAL GENERAL NO |
| , INTENT OF 1 | YINGS ARE DIAGRAMMATIC & INDICATE THE GETHE WORK. PROVIDE ELECTRICAL SYSTEMS CONTIONS, NATIONAL ELECTRICAL CODE, & ALL CODES. |
| 2 ALL OTHER | SHALL COORDINATE HIS WORK WITH THE WORT TRADES. VERIFY ALL CLEARANCES PRIOR TO 10 OF ANY WORK. |
| | ERWISE NOTED, REFER TO PANEL BOARD SCHE ENT LOADS, CIRCUIT BREAKER SIZES, & PROPOS S. |
| UNLESS OTH | ERWISE NOTED, REFER TO SINGLE LINE DIAGRA |

Drawn:

Checked:

Revisions:

No: Date:

No: Date:

No: Date:

No: Date:

No: Date:

No: Date:

 ∞

ш

S

SCP

- 4 SWITCHBOARD, DISTRIBUTION PANELS, EQUIPMENT LOADS, CIRCUIT BREAKER SIZES, WIRE GAUGES, & CONDUIT SIZES.
- ALL ELECTRICAL DEVICES SHOWN ON THIS PLAN SHALL BE NEW UNLESS OTHERWISE NOTED. ANY 120 VOLT BRANCH CIRCUIT LONGER THAN 120'-0" TO LAST DEVICE SHALL BE SIZED TO THE NEXT LARGER STANDARD AWG
- SIZE. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS OF BRANCH CIRCUIT. 7 SHARING OF NEUTRALS IS PROHIBITED.
- 8 ALL DISCONNECT SWITCHES SHALL BE HEAVY DUTY TYPE. MOUNT GROUPED LIGHT SWITCHES UNDER ONE COMMON FACE
- 9 PLATE. MULTIPLE SINGLE GANG FACE PLATES FOR GROUPED SWITCHES IS NOT ACCEPTABLE.
- CONFIRM LOCATION OF FURNITURE, OWNER PROVIDED WALL & 10 | FLOOR LAMPS, PHONE, TV, & POWER OUTLETS WITH OWNER'S ROOM
- USE PLANS. | ELECTRICAL DEVICE BOXES ARE NOT TO BE INSTALLED IN 11 PARTITION WALLS IN A DIRECT BACK-TO-BACK CONFIGURATION.
- WITHOUT WRITTEN AUTHORIZATION FROM ARCHITECT/ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY, PRIOR TO
- INSTALLATION OF ANY INDIVIDUAL CIRCUIT, TO VERIFY WITH ALL OTHER TRADES CONCERNED THAT THE CIRCUIT WITH DEVICES AS DRAWN IS ADEQUATE IN SIZE & MAKE-UP FOR THE MECHANICAL AND/OR KITCHEN EQUIPMENT TO BE INSTALLED. IF ANY CONFLICT 12 IN VOLTAGE, PHASE, OR LOAD IS ENCOUNTERED WHICH WOULD
- ALTER THE CIRCUIT SIZE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR OWNER IMMEDIATELY. FAILURE TO DO SO SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT CIRCUIT CHANGE DIRECTLY UPON THE CONTRACTOR.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT 13 LOCATION OF ALL LIGHTING FIXTURES & CEILING CONSTRUCTION.
- THESE ARE STANDARD SYMBOLS & MAY NOT ALL APPEAR ON 14 PROJECT DRAWING FILES. WHENEVER THE SYMBOL OCCURS ON THE PROJECT DRAWINGS, THE ITEM SHALL BE PROVIDED & INSTALLED.
- DETAIL CALL OUTS ARE GIVEN AS A REFERENCING AID. DETAILS 15 SHALL BE APPLIED BOTH WHERE CALLED OUT & AS APPLICABLE.
- DO NOT ROUTE WIRING OR CONDUITS THROUGH STRUCTURAL MEMBERS REQUIRING FIELD OPENINGS LARGER THAN 1", WITHOUT 16 WRITTEN CONSENT FROM ENGINEER. STRUCTURAL MEMBERS TO INCLUDE BUT ARE NOT LIMITED TO BEAMS, COLUMNS, JOIST, & STRUCTURAL WALL ELEMENTS CALLED OUT ON STRUCTURAL PLANS.

PHONE/DATA/TV SYMBOLS

| SYMBOL | DESCRIPTION |
|-----------------|--|
| 4 | TELEPHONE OUTLET |
| \$ | TELEPHONE OUTLET FOR WALL PHONE |
| ₹. | TELEPHONE OUTLET FOR DEDICATED HOUSE PHONE |
| ⋖ W/H | WALL MOUNTED DEDICATED HOUSE PHONE |
| * | TELEPHONE OUTLET, MOUNTED HORIZONTALLY |
| • | TELEPHONE OUTLET, FLOOR MOUNT |
| ۵ | DATA OUTLET |
| \$ | DATA OUTLET, MOUNTED HORIZONTALLY |
| ◁ | DATA OUTLET, FLOOR MOUNTED |
| 4 | COMBINATION DATA AND PHONE OUTLET |
| WAP | WIRELESS ACCESS POINT (10' OF ROLLED DATA CABLE ABOVE CEILING WITH SURFACE MTD JUNCTION BOX) |
| € | TV. OUTLET |
| FB | OPTICAL FIBER OUTLET |
| PC | PHOTOCELL |
| M | VOICE MICROPHONE |
| S | WALL MOUNTED SPEAKER |
| S | CEILING MOUNTED SPEAKER |
| (CAM) | SECURITY CAMERA LOCATION |

EACH COMMUNICATION JACK TO HAVE AN INDEPENDENT HOME

RUN CABLE. DO NOT GANG MULTIPLE JACKS ONTO ONE CABLE.

CAMERA LOCATION TO INCLUDE SINGLE GANG JUNCTION BOX, 3/4"

. (#) INDICATES A MULTI-TERMINATION OUTLET. NUMBER OF

CONDUIT, AND PULL CORD TO HOME RUN AS INDICATED.

TERMINATIONS AS INDICATED.

(C) 2015 Newcomer Associates, Inc.

Drawing Title: ELECTRICAL ABBREVIATIONS AND SYMBOLS

Sheet No.

Date: January 29, 2016