ELECTRICAL LEGEND LIGHT OUTLET AND FIXTURE - LETTER REFERS TO FIXTURE SCHEDULE WIRING DEVICES - RECEPTACLES 20A., 125V. GROUNDING TYPE. M.H. 18" TO G A.F.F. (EXCEPT AS NOTED) FLUORESCENT OR LINEAR INCANDESCENT FIXTURE FIRE ALARM CONTROL PANEL DUPLEX - WALL MOUNTED C,ROOR P INCANDESCENT, FLUORESCENT, OR H.I.D. FIXTURE MANUAL PULL STATION - M.H. 48" TO & A.F.F. - "S" INDICATES MANUAL STATION WITH STOPPER COVER DOUBLE DUPLEX WALL MOUNTED FIXTURE HORN/STROBE UNIT - M.H. 80" AFF OR 6" BELOW CEILING - CANDELA RATING AS INDICATED DUPLEX - GROUND FAULT INTERRUPTER TYPE WITH LED INDICATOR STATUS LIGHT DIRECTIONALLY ORIENTATED FIXTURE 520 ▷巨 FIRE ALARM 520HZ SOUNDER - M.H. 80" AFF OR 6" BELOW CEILING DUPLEX - ISOLATED GROUND TYPE FIXTURE EQUIPPED WITH INTEGRAL EMERGENCY BATTERY UNIT DUPLEX - WEATHERPROOF STROBE UNIT - M.H. 80" A.F.F. OR 6" BELOW CEILING - CANDELA RATINGS AS INDICATED FIXTURE WIRED TO NIGHT LIGHTING CIRCUIT RANGE OUTLET - 50A 125/250V GROUNDING TYPE KEY KEEPER - LOCK BOX - 10 KEY CAPACITY EXIT SIGN - SINGLE FACE & DOUBLE FACE - DIRECTIONAL ARROWS AS INDICATED TAMPERPROOF TYPE RECEPTACLE HEAT DETECTOR - COMBINATION TYPE - "DC" INDICATES DUAL CONTACTS DUPLEX - KICKPLATE MOUNTING WIRING DEVICES - SWITCHES 20A., 120/277V. M.H. 48" TO & EXCEPT AS NOTED DUPLEX - MOUNTED 42" A.F.F. OR ABOVE COUNTER BACKSPLASH HEAT DETECTOR - FIXED TEMPERATURE TYPE SINGLE POLE C OR = DUPLEX WITH INTEGRAL USB PORTS - MOUNTED 42" A.F.F. OR ABOVE COUNTER BACKSPLASH SMOKE DETECTOR - "DC" INDICATES DUAL CONTACTS DOUBLE POLE SINGLE OR MULTISTATION LOCAL 120V PHOTOELECTRIC TYPE SMOKE DETECTOR WITH INTERNAL 520HZ THREE WAY SPECIAL PURPOSE RECEPTACLE - REFER TO FLOOR PLANS FOR TYPE AUDIBLE DEVICE AND BATTERY BACKUP CLOCK OUTLET - SINGLE OR DUPLEX - 15A., 120V., MTD. 8'-0" A.F.F. TO & FOUR WAY SINGLE OR MULTISTATION LOCAL 120V CARBON MONOXIDE DETECTOR WITH INTERNAL AUDIBLE DEVICE AND BATTERY BACKUP WIREMOLD G4000 DUAL CHANNEL SURFACE MOUNTED (42" A.F.F.) RACEWAY SYSTEM WITH DUPLEX 20A-125V OUTLETS 24" O.C. ALTERNATELY WIRED AND DATA/VOICE OUTLETS AS REQUIRED BY THE TENANT SINGLE POLE SWITCH WITH THERMAL ELEMENT BEAM TYPE SMOKE DETECTOR - TRANSMITTER DIMMER SWITCH - 600W-120V. (UNLESS NOTED OTHERWISE) LINEAR SLIDE BAR TYPE BEAM TYPE SMOKE DETECTOR - RECEIVER DUPLEX OUTLET WIRED TO NORMAL/EMERGENCY DISTRIBUTION SYSTEM DIMMER SWITCH - FLOURESCENT RATED - LINEAR SLIDE BAR TYPE DUCT MOUNTED SMOKE DETECTOR - INSTALLED BY HVAC CONTR., FURNISHED & WIRED BY ELECT. CONTR. DIMMER SWITCH - LED RATED 0-10V DIMMING - LINEAR SLIDE BAR TYPE FLOOR BOXES AND POKE THRU DEVICES REMOTE INDICATING AND TESTING STATION WITH LED INDICATING LIGHT MAINTAINED CONTACT-THREE POSITION-CENTER OFF-SINGLE POLE-DOUBLE THROW STANDBY BATTERY UNIT FLUSH MOUNTED POWER FLOOR BOX WITH CONDUIT TAKE-OFF FOR FURNITURE POWER. WALKER SPEED SWITCH - FURNISHED BY HVAC CONTRACTOR - INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR #880MP WITH 880MPA, 817P FLANGE AND 829CK1 COVER PLATE WATER FLOW SWITCH - FURNISHED AND INSTALLED BY SPRINKLER CONTR., WIRED BY ELECTRICAL CONTR DOOR OPERATED SWITCH FLUSH MOUNTED TELECOM FLOOR BOX WITH CONDUIT TAKE-OFF FOR VOICE/DATA CABLING. WALKER TAMPER (SUPERVISORY) SWITCH - FURN. \$ INSTALLED BY SPRINKLER CONTR., WIRED BY ELEC. CONTR. #880MP WITH 880MPA, 817P FLANGE AND 829CK1 COVER PLATE D/V TAMPER SWITCH - POST INDICATOR VALVE - FURNISHED \$ INSTALLED BY SPRINKLER CONTRACTOR, DUAL GANG FLUSH MOUNTED CAST IRON FLOOR BOX WITH 120V-20A DUPLEX RECEPTACLE, DATA/VOICE OUTLET AND BRASS COVER PLATE FB 📆 WIRED BY ELECTRICAL CONTRACTOR OCCUPANCY SENSORS / AUTOMATIC CONTROL DEVICES PRESSURE SWITCH - FURNISHED AND INSTALLED BY SPRINKLER CONTR., WIRED BY ELECTRICAL CONTR. DUAL GANG FLUSH MOUNTED FIRE RATED POKE-THRU DEVICE WITH 20A-125V DUPLEX RECEPTACLE AND DATA/VOICE OUTLET AND BRASS COVER PLATE - REFER TO DETAIL ON DRAWING E-* WALL MOUNTED - PIR AND ULTRASONIC, 120/277V RATED, MANUAL OVERIDE, WHITE FINISH - 15 MINUTE PT T REMOTE ALARM INDICATOR SETTING - WATTSTOPPER #DSW-301 TRIPLE GANG FLUSH MOUNTED FIRE RATED POKE-THRU DEVICE WITH 20A-125V DUPLEX RECEPTACLE, DATA/VOICE OUTLET AND CATV OUTLET AND BRASS COVER PLATE - REFER TO DETAIL ON DRAWING E-* REMOTE DIGITAL DISPLAY UNIT PT DT DUAL CIRCUIT WALL MOUNTED - PIR AND ULTRASONIC, 120/277V RATED, MANUAL OVERIDE, WHITE FINISH - 15 MINUTE SETTING - WATTSTOPPER #DSW-302 MAGNETIC DOOR HOLDER TRIPLE GANG FLUSH MOUNTED FIRE RATED FLOOR BOX WITH 20A-125V DUPLEX RECEPTACLE, DATA/VOICE OUTLET AND CATV OUTLET AND BRASS COVER PLATE - REFER TO DETAIL ON DRAWING E-* FB TT SURFACE CEILING MOUNTED - PIR AND ULTRASONIC, 120/277V RATED, WHITE FINISH - WITH POWER RED EXTERIOR FLASHING BEACON PACK(S) AS REQUIRED - WATTSTOPPER #DT-300 - EXTENDED RANGE LENS, 24V DC COMBINATION POWER AND VOICE/DATA FIRE RATED MONUMENT TYPE POKE THRU DEVICE FOR FIRE ALARM MONITORING RELAY WALL MOUNTED LOW TEMPERATURE PIR OCCUPANCY SENSOR - 24V DC, WIDE ANGLE LENS -FURNITURE SYSTEM CONNECTION - REFER TO DETAIL ON DRAWING E-* FIRE ALARM BELL - FURNISHED AND INSTALLED BY SPRINKLER CONTR., WIRED BY ELECTRICAL CONTR. WATTSTOPPER #CBIOO WITH POWER PACK(S) AS REQUIRED - MOUNTED 6" BELOW CEILING MONITOR MODULE POWER ONLY FIRE RATED MONUMENT TYPE POKE THRU DEVICE FOR FURNITURE SYSTEM WALL MOUNTED - DIGITAL COUNT DOWN TIMER, 120/277V RATED, MANUAL OVERIDE (FIELD SET DIP CONNECTION - REFER TO DETAIL ON DRAWING E-* CONTROL MODULE SWITCHES AT 2 HOURS), WHITE FINISH - WATTSTOPPER #TS400W VOICE/DATA ONLY FIRE RATED MONUMENT TYPE POKE THRU DEVICE FOR FURNITURE SYSTEM VENTILATION OVERIDE MODULE SURFACE CEILING MOUNTED PASSIVE INFRARED - 24V DC RATED - WHITE FINISH - 15 MINUTE SETTING -CONNECTION - REFER TO DETAIL ON DRAWING E-* HIGH DENSITY LENS. WATTSTOPPER #CI-300-1 WITH POWER PACK(S) AS REQUIRED. MASTER BOX (SEE SPECIFICATIONS) MONUMENT TYPE FIRE RATED POKE THRU - REFER TO DETAIL ON DRAWING E-* SMOKE DETECTOR WITH INTEGRAL THERMAL ELEMENT SURFACE CEILING MOUNTED PASSIVE INFRARED - 24V DC RATED - WHITE FINISH - 15 MINUTE SETTING -HIGH DENSITY LENS. WATTSTOPPER #CI-24-1 WITH INTERNAL ISOLATED RELAY BF BASE FEED MODULE CONNECTION TO PARTITION SYSTEM - REFER TO DETAIL ON DRAWING E-* CARBON MONOXIDE DETECTOR (SYSTEM TYPE) WITH INTEGRAL SOUNDER BASE SURFACE CEILING MOUNTED PASSIVE INFRARED - 24V DC RATED - WHITE FINISH - 15 MINUTE SETTING -SINGLE OR MULTISTATION LOCAL 120V PHOTOELECTRIC TYPE SMOKE DETECTOR WITH INTERNAL 520HZ EXTENDED RANGE LENS. WATTSTOPPER #CI-24 WITH INTERNAL ISOLATED RELAY MOTOR CONTROLS AND DISTRIBUTION EQUIPMENT AUDIBLE AND VISUAL DEVICE AS WELL AS BATTERY BACKUP. CANDELA RATING AS INDICATED. SURFACE CEILING MOUNTED DUAL TECHNOLOGY - 24V DC RATED - WHITE FINISH - 15 MINUTE SETTING -NON-FUSIBLE DISCONNECT SWITCH - RATING AS INDICATED SINGLE OR MULTISTATION LOCAL 120V PHOTOELECTRIC TYPE SMOKE DETECTOR WITH INTEGRAL CARBON HIGH DENSITY LENS. WATTSTOPPER #DT-300 WITH POWER PACK(S) AS REQUIRED. FUSIBLE DISCONNECT SWITCH - RATING AS INDICATED MONOXIDE DETECTOR, INTERNAL 520HZ AUDIBLE DEVICE AND BATTERY BACKUP POWER PACK AND ENCLOSURE - 120/277V, 20A INPUT RATED. WATTSTOPPER #BZ-250 ENCLOSED CIRCUIT BREAKER - RATING AS INDICATED SYSTEM SMOKE DETECTOR (PHOTOELECTRIC) WITH INTEGRAL 520HZ SOUNDER BASE MAGNETIC MOTOR STARTER - NUMERAL INDICATES NEMA SIZE WALL MOUNTED PIR DIMMABLE WALL SWITCH SENSOR - 120/277V RATED - WHITE FINISH - 15 MINUTE EXISTING ELECTRICAL EQUIPMENT MOTOR - NUMERAL INDICATES HORSEPOWER DAYLIGHTING SENSORS / AUTOMATIC CONTROL DEVICES EXISTING EQUIPMENT TO REMAIN SURFACE CEILING MOUNTED DAYLIGHTING CONTROLLER - SINGLE ZONE - 24V DC RATED. WATTSTOPPER TRANSFORMER - NUMERAL INDICATES KVA RATING DOTTED DENOTES EXISTING EQUIPMENT #LS-102 WITH POWER PACK(S) AS REQUIRED. LIGHTING AND/OR POWER PANELBOARD EXISTING EQUIPMENT TO BE RELOCATED SURFACE CEILING MOUNTED DAYLIGHTING CONTROLLER - SINGLE ZONE - 24V DC RATED. WATTSTOPPER METER - CHECK METER EMON-DEMON WITH "PEAK DEMAND" READING - AMPERE AS INDICATED NEW LOCATION OF RELOCATED EXISTING ELECTRICAL EQUIPMENT #LS-301 (0-10V) WITH POWER PACK(S) AS REQUIRED. EXISTING EQUIPMENT TO BE REMOVED VARIABLE FREQUENCY DRIVE SURFACE CEILING MOUNTED LINE VOLTAGE DAYLIGHT SENSOR. HUBBELL #DLC-PC-O MISCELLANEOUS EMERGENCY LIGHTING SYSTEMS - 12 VOLT DAYLIGHT SENSOR DIMMING MODULE - 24V DC RATED WATT STOPPER LCD-203 WITH BT-203 POWER PACK AND LS-E8 ENCLOSURE - MOUNT HIGH ON WALL ADJACENT TO LITE CONTROLS CONTROL SPLICE BATTERY UNIT - DUAL-LITE #LZ15N12V03L (TYPICAL UNLESS NOTED OTHERWISE) ELECTRIC RADIATION - FURNISHED AND INSTALLED BY HVAC CONTRACTOR, WIRED BY THE ELECTRICAL CONTRACTOR BATTERY UNIT - DUAL-LITE #LZ20N12V03L (TYPICAL UNLESS NOTED OTHERWISE) PUBLIC ADDRESS FLUSH CEILING MOUNTED SPEAKER WITH VOLUME CONTROL CONDUIT AND WIRING (BRANCH AND FEEDER CIRCUITRY) BATTERY UNIT - DUAL-LITE #EV402L (TYPICAL UNLESS NOTED OTHERWISE) CARD READER - PROVIDED BY SECURITY SYSTEM VENDOR CONDUIT AND WIRING - DIAGONAL LINES INDICATE # OF WIRES (GROUNDING WIRE NOT SHOWN) MINIMUM WIRE SIZE #12 AWG. MINIMUM CONDUIT SIZE 3/4" (TYPICAL U.N.O.) REMOTE HEAD-WALL MOUNTED - DUAL-LITE #LZRSWI203L (TYPICAL U.N.O.) (UL DAMP LOCATION LISTED) REMOTE HEADS-WALL MOUNTED - DUAL-LITE #LZRDW1203L (TYPICAL U.N.O.) (UL DAMP LOCATION LISTED) CONDUIT TURNING UP TIME CLOCK (SWITCH) 7 DAY ASTRONOMIC DIAL - 24 HOUR - DIGITAL CONTROL - BATTERY BACKUP CONDUIT TURNING DOWN -E-EMERGENCY WIRING - 2#12-1/2" CONDUIT (TYPICAL UNLESS NOTED OTHERWISE) LINE VOLTAGE THERMOSTAT HOMERUN TO PANELBOARD DESIGNATED - 2 #12 \$ #12G-3/4"C. TO 20A-1P CIRCUIT BREAKER (TYPICAL UNLESS NOTED OTHERWISE) WP -WEATHERPROOF EMERGENCY REMOTE HEAD - DUAL-LITE #OCRSW1203L ELECTRIC DOOR RELEASE FLEXIBLE CONDUIT AND EQUIPMENT CONNECTION WEATHERPROOF EMERGENCY REMOTE HEADS - DUAL-LITE #OCRDWI203L POWER POLE - DUAL CHANNEL COAXIAL OUTLET FOR C.A.T.V. EMERGENCY TRANSFER RELAY - REFER TO DETAIL ON DRAWING E-* VOICE/DATA SYSTEMS DATA/VOICE CONNECTION TO PARTITION SYSTEM - REFER TO DETAIL ON DRAWING E-* CABLE TRAY SYSTEMS H \sqrt{Q} \sqrt{Q} BUSWAY DISTRIBUTION SYSTEM 9" WIDE, 4" HIGH ALUMINUM LADDER TYPE CABLE TRAY STRAIGHT SECTION, 6" RUNG SPACING VOICE/DATA OUTLET - WALL MOUNTED - REFER TO DETAIL ON DRAWING E-* XXXXXX FEEDER TYPE BUSWAY-AMPERAGE AS INDICATED TELEPHONE OUTLET - WALL MOUNTED - REFER TO DETAIL ON DRAWING E-* 18" WIDE, 4" HIGH ALUMINUM LADDER TYPE CABLE TRAY STRAIGHT SECTION, 6" RUNG SPACING Z//// PLUG-IN TYPE BUSWAY-AMPERAGE AS INDICATED DATA OUTLET - WALL MOUNTED - REFER TO DETAIL ON DRAWING E-* 24" WIDE, 4" HIGH ALUMINUM LADDER TYPE CABLE TRAY STRAIGHT SECTION, 6" RUNG SPACING END CABLE TAP BOX 90° HORIZONTAL BEND PLUG-IN CIRCUIT BREAKER UNIT - REFER TO SCHEDULE CABLE TRAY TEE-SIZE AS REQUIRED ЩШ D- CABLE HOMERUN TO PATCH PANEL - REFER TO NOTES ON VOICE/DATA PLANS

ELECTRICAL SPECIFICATIONS

NOTE: THIS SYMBOL LIST IS A MASTER SCHEDULE. SOME OF THE SYMBOLS LISTED ABOVE MAY NOT BE APPLICABLE TO THE SCOPE OF WORK FOR THIS PROJECT

1. THE GENERAL CONDITIONS SHALL BE CONSIDERED AS FORMING A PART OF THESE SPECIFICATIONS AND SHALL BE CAREFULLY EXAMINED BEFORE PROPOSALS FOR ANY WORK ARE SUBMITTED.

2. THE SCOPE OF WORK SHALL CONSIST OF ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES REQUIRED TO COMPLETE ALL WORK INDICATED ON THE DRAWINGS AND IN THESE SPECIFICATIONS. THE WORK SHALL INCLUDE, BUT SHALL NOT BE

- A. MODIFICATIONS TO THE SECONDARY DISTRIBUTION SYSTEM AS INDICATED ON THE DRAWINGS.
- B. GROUNDING AND BONDING OF ELECTRICAL SYSTEMS AND EQUIPMENT.

LIMITED TO, THE FOLLOWING:

- C. WIRING DEVICES (SWITCHES AND RECEPTACLES) COMPLETE WITH ASSOCIATED WALL PLATES.
- D. POWER WIRING TO HVAC, PLUMBING AND FIRE PROTECTION EQUIPMENT OR APPLIANCES.
- E. LIGHTING SYSTEM INCLUDING ALL FIXTURES, LAMPS, SWITCHING, ETC. AS REQUIRED.
- F. FIRE ALARM SYSTEM MODIFICATIONS COMPLETE WITH DEVICES AND WIRING.
- G. ALL OTHER SYSTEMS HEREINAFTER SPECIFIED OR AS INDICATED ON THE DRAWINGS.
- 3. ALL ELECTRICAL WORK SHALL MEET OR EXCEED THE LATEST REQUIREMENTS OF ALL NATIONAL, STATE, MUNICIPAL AND OTHER AUTHORITIES HAVING JURISDICTION OVER ELECTRICAL CONSTRUCTION WORK AND THE PROJECT.

4. OBTAIN AND PAY FOR ALL PERMITS, FEES, INSPECTIONS, AND TESTS, AND COMPLY WITH ALL LAWS, ORDINANCES AND

CODES PERTAINING TO THIS PORTION OF THE CONTRACT.

5. ALL WORK PROVIDED UNDER THIS SECTION SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF ACCEPTANCE OF THE WORK.

6. PRIOR TO PURCHASING ANY EQUIPMENT OR MATERIALS A LIST OF THEIR MANUFACTURERS AND "SHOP DRAWINGS" CATALOG CUTS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.

7. ALL BRANCH WIRING, AND MAIN FEEDERS RUN IN EXPOSED AREAS SHALL BE RUN IN EMT RACEWAYS. COORDINATE ANY EXPOSED WIRING WITH ARCHITECT FOR APPROVAL PRIOR TO ROUGHIN. BRANCH CIRCUITRY RUN ABOVE SUSPENDED CEILINGS OR RUN WITHIN STUD WALLS SHALL BE METAL CLAD CABLE TYPE MC W/ INSULATED GROUND CONDUCTOR. ISOLATED GROUND RECEPTACLES CIRCUITS SHALL BE CIRCUITED WITH "HOSPITAL GRADE" BX.

8. ALL WIRING SHALL BE COPPER WITH 600V INSULATION, THWN OR THHN FOR BRANCH CIRCUITRY, AND XHHW FOR FEEDERS. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG. USE SOLID OR STRANDED CONDUCTORS FOR #12 AND #10 AWG. USE STRANDED COPPER FOR #8 AWG AND LARGER.

9. THE ELECTRICAL CONTRACTOR SHALL PROVIDE OUTLET, JUNCTION AND PULL BOXES AT ALL LOCATIONS WHERE THEY ARE REQUIRED TO FACILITATE THE PULLING, SUPPORTING, OR CONNECTING OF WIRES AND CABLES.

10. STANDARD DUPLEX CONVENIENCE RECEPTACLES SHALL BE 20A-125V-3 WIRE, GROUNDING TYPE BACK & SIDE WIRED. NEMA 5-20R, WHITE IN COLOR. STANDARD SWITCHES SHALL BE TOGGLE TYPE, AC QUITE DESIGN, 20A 125V/277V, SPEC GRADE WHITE IN COLOR. PROVIDE WHITE PLASTIC WALLPLATES WITH ALL WIRING DEVICES.

11. ALL EQUIPMENT AND SYSTEMS SHALL BE GROUNDED IN ACCORDANCE WITH BEST INDUSTRY PRACTICE AND SHALL

COMPLY WITH 2014 NATIONAL ELECTRICAL CODE REQUIREMENTS.

12. BEFORE AN APPLICATION FOR FINAL ACCEPTANCE OF THE WORK, ALL TESTS DEEMED NECESSARY BY THE ARCHITECT

ARCHITECT. ANY DEFECTS OR DEFICIENCIES DISCOVERED IN ANY OF THE ELECTRIC WORK SHALL BE CORRECTED.

13. AS PART OF THE ELECTRICAL WORK, A COMPLETE SET OF "AS BUILTS" OR RECORD ELECTRICAL DRAWINGS SHALL BE

TO SHOW PROPER EXECUTION OF THE WORK SHALL HAVE BEEN PERFORMED AND COMPLETED IN THE PRESENCE OF THE

MADE UP AND DELIVERED TO THE ARCHITECT. THE DRAWINGS SHALL BE PREPARED ON AUTOCAD AND SUBMITTED ON DISK AND ONE SET OF REPRODUCIBLE PLOTS AT THE COMPLETION OF THE PROJECT.

14. SUPPORT AND FASTEN ELECTRICAL WORK IN ACCORDANCE WITH BEST INDUSTRY PRACTICE.

15. ALL ELECTRICAL CONDUIT SHALL BE RUN CONCEALED WHEREVER POSSIBLE. RUN EXPOSED CONDUIT PERPENDICULAR OR PARALLEL TO BUILDING WALLS OR COLUMNS.

16. EXCEPT WHERE MODIFIED BY A SPECIFIC NOTATION TO THE CONTRARY, IT SHALL BE UNDERSTOOD THAT THE INDICATION AND/OR DESCRIPTION OF ANY ELECTRICAL ITEM IN THE DRAWINGS OR SPECIFICATIONS FOR ELECTRICAL WORK CARRIES WITH IT THE INSTRUCTION TO FURNISH, INSTALL AND CONNECT THE ITEM AS PART OF THE ELECTRICAL WORK REGARDLESS OF WHETHER OR NOT IT IS SPECIFICALLY STATED TO DO SO.

17. IT SHALL BE UNDERSTOOD THAT THE SPECIFICATIONS AND DRAWINGS FOR ELECTRICAL WORK ARE COMPLIMENTARY AND ARE TO BE TAKEN TOGETHER FOR A COMPLETE INTERPRETATION OF THE ELECTRICAL WORK, EXCEPT THAT INDICATIONS ON THE DRAWINGS, WHICH REFER TO AN INDIVIDUAL ELEMENTS OF WORK, TAKE PRECEDENCE OVER THE SPECIFICATIONS WHERE THEY CONFLICT WITH SAME.

18. THE ELECTRICAL CONTRACTOR SHALL BE PERMITTED TO INSPECT THE CONDITIONS AT THE SITE, IF HE/SHE SO DESIRES. FAILURE TO INSPECT EXISTING CONDITIONS OR TO FULLY UNDERSTAND THE WORK WHICH IS REQUIRED SHALL NOT EXCUSE THE ELECTRICAL CONTRACTOR FROM HIS/HER OBLIGATIONS TO FURNISH AND INSTALL THE WORK IN ACCORDANCE WITH THESE SPECIFICATIONS AND THE CONTRACT DRAWINGS AND UNDER ALL SITE CONDITIONS AS THEY

19. IN SPACES WITHIN SUSPENDED CEILINGS UTILIZED AS RETURN AIR PLENUMS, ALL WIRING SYSTEMS MUST EITHER BE RUN IN METALLIC RACEWAYS OR SHALL BE UL APPROVED FIRE RATED PLENUM CABLE.

20. ALL MATERIALS SHALL BE NEW AND SHALL BEAR THE UL LABEL.

21. THE INSULATION OF EACH WIRE OR CABLE SHALL BE COLOR CODED, AS PER THE 120/208V OR 277/480V 2014 NATIONAL ELECTRIC CODE REQUIREMENTS.

22. QMQB DISTRIBUTION SWITCHES SHALL BE NEMA TYPE HEAVY DUTY (GENERAL DUTY WHERE 60A OR LESS) HORSEPOWER RATED SWITCHES.

23. THE HVAC CONTRACTOR SHALL PROVIDE MAGNETIC MOTOR STARTERS WHERE INDICATED FOR MECHANICAL EQUIPMENT. PROVIDE AUXILIARY CONTACTS IN MOTOR STARTERS WHERE REQUIRED FOR INTERLOCKING PURPOSES.

24. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING OR CORING OF WALL AND FLOOR SURFACES REQUIRED FOR THE INSTALLATION OF ANY ELECTRICAL WORK.

25. PROVIDE A TEMPORARY LIGHTING AND POWER SYSTEM THROUGHOUT THE SPACE FOR USE DURING THE CONSTRUCTION PERIOD. USE THE EXISTING PANELBOARDS FOR THE TEMPORARY FEED POINT. PROVIDE ALL EQUIPMENT THAT MAY BE REQUIRED INCLUDING METERING, PANELS, ETC. REMOVE ALL TEMPORARY WIRING, FIXTURES AND OUTLETS AT THE TERMINATION OF THE CONSTRUCTION PERIOD. THE GENERAL CONTRACTOR SHALL PAY FOR ALL ENERGY CONSUMED DURING THE CONSTRUCTION PERIOD.

26. THE GENERAL CONTRACTOR SHALL X-RAY THE SLAB BEFORE CUTTING OR CORING ANY EXISTING CONCRETE SLABS OR SURFACES.

27. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF ALL EXISTING ELECTRICAL WORK IN THE DESIGNATED RENOVATED AREAS UNLESS SPECIFICALLY NOTED OTHERWISE. COORDINATE ALL ITEMS TO BE DEMOLISHED WITH THE ARCHITECT BEFORE COMMENCING WORK.

28. OUTLETS OR DEVICES MOUNTED ON EXISTING C.M.U. WALLS SHALL BE SURFACE MOUNTED IN APPROPRIATE BOXES.

29. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND RE-INSTALLING ALL EXISTING CEILING TILES REQUIRED FOR THE ELECTRICAL CONTRACTOR TO PERFORM HIS/HER WORK.

30. ALL DRY TYPE TRANSFORMERS SHALL BE VENTILATED TYPE AND SHALL BE TP-1 RATED.

31. ALL WIRING DEVICES SHALL HAVE THEIR PANELBOARD ORIGIN AND CIRCUIT NUMBERS STAMPED OR TAPED ON THE BACKSIDE OF THEIR ASSOCIATED WALLPLATE.

32. PANELBOARDS SHALL BE OF BOLT-ON CONSTRUCTION WITH EQUIPMENT GROUND BAR AND TYPED CIRCUIT DIRECTORIES.

33. ALL NEW FIRE ALARM DEVICES SHALL BE AS MANUFACTURED BY THE EXISTING FIRE ALARM

MANUFACTURER.

34. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING THE FIRE ALARM SYSTEM AT THE COMPLETION OF THE WORK TO THE SATISFACTION OF THE PORTLAND FIRE DEPARTMENT OR THE LOCAL AUTHORITY HAVING JURISDICTION.

Proje



PORTLAND LaQUINTA INN & SUITES LQ #2049 RENOVATION

340 Park Ave, Portland, ME 04102

Project Owner:

LQ MANAGEMENT, LLC

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Architec

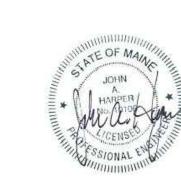


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REVISIONS

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Drawn By: BL
Checked By: RFG/JH
Phase: PROGRESS SET

Drawing Title:

LEGEND AND
SPECIFICATIONS

EO.1
DATE: 27 JANUARY 2017