

**ABBREVIATIONS**

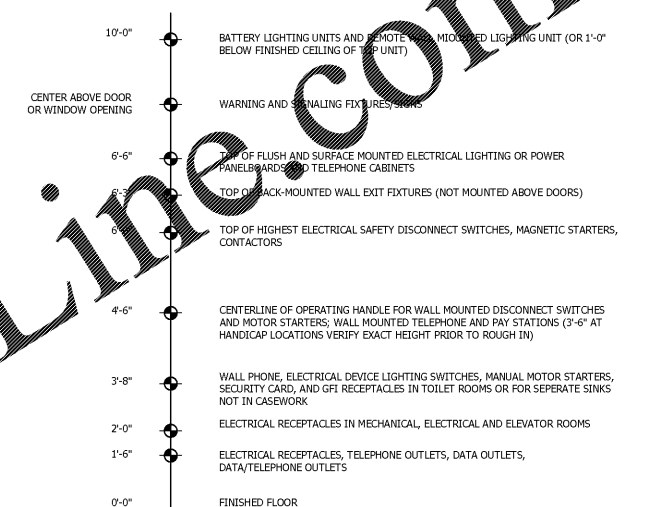
A or AMP	AMPERES	LRA	LOCK ROTOR AMPERES
AF	AMP FRAME	LGT	LIGHTING
AFC	ABOVE FINISHED CEILING	LV	LOW VOLTAGE
AFB	ABOVE FINISHED FLOOR		
AFS	ABOVE FINISHED GRADE	M	MAIN
AHU	AIR HANDLING UNIT	MAX	MAXIMUM
A.I.C.	AMPERE INTERRUPTING CAPACITY	MC	MECHANICAL CONTRACTOR
AM	AMMETER	MCB	MAIN CIRCUIT BREAKER
ARCH	ARCHITECT	MFG	MANUFACTURER
AS	AMMETER SWITCH	MLO	MAIN LUGS ONLY
AT	AMP TRIP	M.O.	MECHANICALLY OPERATED
ATC	AUTOMATIC TEMPERATURE CONTROL	MTD	MOUNTED
ATS	AUTOMATIC TRANSFER SWITCH	MFS	MANUAL TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE	MV	MEDIUM VOLTAGE
		N	NEUTRAL
BFF	BELOW FINISHED FLOOR	N.C.	NORMALLY CLOSED
BFG	BELOW FINISHED GRADE	NEC	NATIONAL ELECTRIC CODE
BKR	BREAKER	N.I.C.	NOT IN CONTRACT
B.O.D.	BASIS OF DESIGN	N.O.	NORMALLY OPEN
		N.T.S.	NOT TO SCALE
C	CONDUIT	O.C.	ON CENTER
C/B	CIRCUIT BREAKER	OCB	OVERCURRENT PROTECTION
CKT	CIRCUIT	P	POLE
CL	CENTERLINE	PB	PULL BOX
CLG	CEILING	PC	PLUMBING CONTRACTOR
CP	CONTROL POWER TRANSFORMER	PF	POWER FACTOR
CT	CURRENT TRANSFORMER	PH OR #	PHASE
CU	COPPER	PNL	PANEL
		PRJ	PRIMARY
DEMO	DEMOLITION	P.S.I.	POUNDS PER SQUARE INCH
DC	DIRECT CURRENT	PT	POTENTIAL TRANSFORMER
DA	DIAMETER	PV	PHOTOVOLTAIC
DISC	DISCONNECT	PVC	POLYVINYL CHLORIDE
DPDT	DOUBLE POLE, DOUBLE THROW	PWR	POWER
		QTY	QUANTITY
E OR EX	EXISTING ELECTRICAL CONTRACTOR	REC	RECEPTACLE
EC	ELECTRICAL CONTRACTOR	RGS	RIGID GALVANIZED STEEL
EDH	ELECTRIC HAND DRYER	RTU	ROOF TO UNIT
EF	EXHAUST FAN		
ELEC	ELECTRICAL	RTE	QUANTITY
EM	EMERGENCY		
EMT	ELECTRICAL METALLIC TUBING		
ENCL	ENCLOSURE		
E.O.	ELECTRICALLY OPERATED		
ETD	EXISTING TO BE DEMOLISHED	SEC	SECONDARY
ETR	EXISTING TO REMAIN	SLD	SINGLE LINE DIAGRAM
ETRL	EXISTING TO BE RELOCATED	SLV	SLEEVES
EWC	ELECTRIC WATER COOLER	SPEC	SPECIFICATION
		SPD	SURGE PROTECTION DEVICE
F	FUSED	SPDT	SINGLE POLE, DOUBLE THROW
FA	FIRE ALARM	SPST	SINGLE POLE, SINGLE THROW
FACP	FIRE ALARM CONTROL PANEL	STA	STANDARD
FCU	FAN COIL UNIT	STD	STANDARD
FLA	FULL LOAD AMPERES	STP	SHIELDED TWISTED PAIR
FLUOR	FLUORESCENT	SW	SWITCH
		SYS	SYSTEM
G	EQUIPMENT GROUND CONDUCTOR	TEL	TELEPHONE
GA	GAUGE	TV	TELEVISION
GC	GENERAL CONTRACTOR	TYP	TYPICAL
GFI	GROUND FAULT INTERRUPTER	TS	TIME SWITCH
GND	GROUND		
		UH	UNIT HEATER
HID	HIGH INTENSITY DISCHARGE	UF	UNFUSED
H-O-A	HAND-OFF-AUTOMATIC	UG	UNDERGROUND
HP	HORSE POWER	U.L.	UNDERWRITERS LABORATORY
HT	HEIGHT	UPS	UNINTERRUPTIBLE POWER SUPPLY
HV	HIGH VOLTAGE	UTP	UNSHIELDED TWISTED PAIR
HVAC	HEATING, VENTILATING, AIR CONDITIONING		
		V	VOLTS
ILL	ILLUMINATION	VA	VOLT AMPERES
IMC	INTERMEDIATE METALLIC CONDUIT	VAV	VARIABLE AIR VOLUME
		VM	VOLT METER
JB	JUNCTION BOX	W	WIRE
		W	WATT
KCMIL/KILO	CIRCULAR MILS	WP	WEATHERPROOF
KVA	KILOVOLT-AMPERES		
KW	KILOWATTS	XFMR	TRANSFORMER
KWH	KILOWATT-HOUR	XP	EXPLOSION PROOF

BRANCH CIRCUIT WIRING REQUIREMENTS		
120 VOLT, 1φ, 2W CIRCUIT		
CIRCUIT BREAKER	MINIMUM CONDUCTOR REQUIREMENT	
20A-1P	2 #12AWG + 1 #12AWG GROUND IN 3/4" CONDUIT	
30A-1P	2 #10AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
40A-1P	2 #8AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
50A-1P	2 #6AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
60A-1P	2 #4AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
208 VOLT, 1φ, 2W CIRCUIT		
20A-2P	2 #12AWG + 1 #12AWG GROUND IN 3/4" CONDUIT	
30A-2P	2 #10AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
40A-2P	2 #8AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
50A-2P	2 #6AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
60A-2P	2 #4AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
120/208 VOLT, 1φ, 3W CIRCUIT		
20A-2P	3 #12AWG + 1 #12AWG GROUND IN 3/4" CONDUIT	
30A-2P	3 #10AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
40A-2P	3 #8AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
50A-2P	3 #6AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
60A-2P	3 #4AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
208 VOLT, 3φ, 3W CIRCUIT		
20A-3P	3 #12AWG + 1 #12AWG GROUND IN 3/4" CONDUIT	
30A-3P	3 #10AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
40A-3P	3 #8AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
50A-3P	3 #6AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
60A-3P	3 #4AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
208Y120 VOLT, 3φ, 4W CIRCUIT		
20A-3P	4 #12AWG + 1 #12AWG GROUND IN 3/4" CONDUIT	
30A-3P	4 #10AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
40A-3P	4 #8AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
50A-3P	4 #6AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	
60A-3P	4 #4AWG + 1 #10AWG GROUND IN 3/4" CONDUIT	

NOTES:  
 1. ALL BRANCH CIRCUIT WIRING IN THIS TABLE IS BASED ON CONDUIT RUNS THE FOLLOWING LENGTHS:  
 120V - 65 FEET  
 277V - 150 FEET  
 IF CIRCUIT LENGTHS EXCEED THESE VALUES, THE WIRE SIZE SHALL BE INCREASED PER THE VOLTAGE DROP SCHEDULE. RACEWAYS SHALL BE INCREASED ACCORDINGLY. LARGE CABLES SHALL BE REDUCED IN A JUNCTION BOX PRIOR TO DEVICE TERMINATION. WIRE REDUCERS SHALL BE PROVIDED AT CIRCUIT BREAKER AS REQUIRED.  
 2. IF MC CABLE IS APPROVED FOR USE BY ENGINEER AND AHJ, THE MC CABLE SHALL INCLUDE A FULL SIZE INSULATED GROUND CONDUCTOR. SIZE OF WIRING SHALL BE PER THE ABOVE SCHEDULE AND VOLTAGE DROP SCHEDULE.  
 3. ALL AMPACITIES ARE BASED ON 75°C TEMPERATURE RATING OF CONDUCTORS AS INDICATED IN THE NATIONAL ELECTRIC CODE.

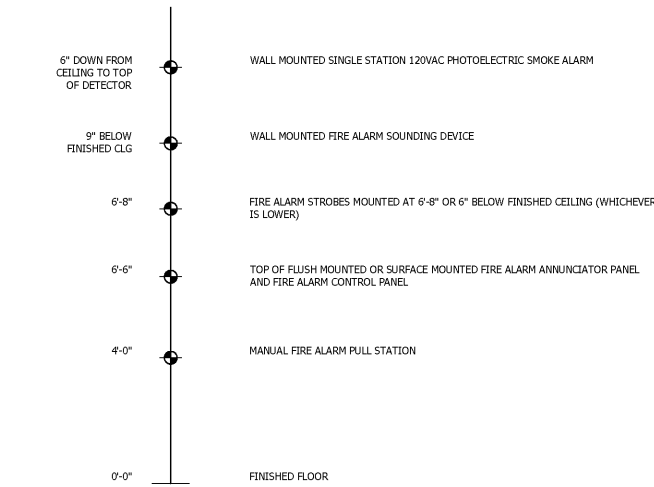
**ELECTRICAL GENERAL NOTES**

- E-1 THESE GENERAL ELECTRICAL NOTES APPLY TO ALL DRAWINGS IN THE PROJECT.
- E-2 THE ELECTRICAL CONTRACTOR SHALL REVIEW ALL OF THE CONTRACT DOCUMENTS (DRAWINGS, SPECIFICATIONS, EQUIPMENT CUTSHEETS) AND ANY OWNER PROVIDED EQUIPMENT FOR ELECTRICAL REQUIREMENTS AND INCLUDE ALL ELECTRICAL WORK.
- E-3 COORDINATE EXACT TERMINATION METHODS (RECEPTACLES OR HARDWARE) WITH EQUIPMENT (MECHANICAL APPLIANCE, OWNER PROVIDED EQUIPMENT) CUTSHEETS PRIOR TO ROUGH-IN.
- E-4 COORDINATE EXACT LOCATION AND MOUNTING HEIGHTS WITH ARCHITECTURAL DOCUMENTS PRIOR TO ROUGH-IN.
- E-5 REFER TO ARCHITECTURAL DOCUMENTS AND DETAILS FOR EXACT LOCATION AND MOUNTING REQUIREMENTS FOR ALL WIRING DEVICES AND LIGHT FIXTURES. DISCREPANCY BETWEEN THE ARCHITECTURAL DOCUMENTS AND MEP DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
- E-6 COORDINATE ALL CEILING MOUNTED DEVICES WITH ARCHITECTURAL REFLECTED CEILING PLANS (RCPs). IF THE ARCHITECTURAL RCP DOES NOT INDICATE THE LOCATION FOR ANY CEILING MOUNTED ITEMS, CONFIRM WITH THE ARCHITECT THE EXACT LOCATION PRIOR TO ROUGH-IN AND INSTALLATION.
- E-7 WHERE MULTIPLE WIRING DEVICES ARE SHOWN IN ONE LOCATION, THESE DEVICES SHALL BE MOUNTED UNDER A COMMON COVERPLATE UNLESS NOTED OTHERWISE. WHERE SWITCHES ARE SHOWN ADJACENT TO DIMMERS, THE SWITCH SHALL MATCH THE DIMMER STYLE AND FUNCTION. SECTIONAL WALL PLATES ARE NOT PERMITTED.
- E-8 PRIOR TO ROUGH-IN, THE CONTRACTOR SHALL COORDINATE FINAL CONNECTION OF ALL OWNER FURNISHED EQUIPMENT AND EQUIPMENT FURNISHED UNDER OTHER DIVISIONS OF THE WORK IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS AND INSTALLATION REQUIREMENTS.
- E-9 MOTOR STARTERS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR. VARIABLE SPEED DRIVES/VARIABLE FREQUENCY DRIVES (REFERRED TO AS VSDS OR VFDs) SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR. AT ALL VSds AND VFDs, A MOTOR DISCONNECT SHALL BE PROVIDED AT THE MOTOR THAT IS INTERLOCKED TO THE VSd/VFD. THE ELECTRICAL CONTRACTOR SHALL MEET WITH THE MECHANICAL CONTRACTOR TO COORDINATE ALL THE MOTOR STARTING REQUIREMENTS, (INCLUDING VSd/VFD) AND NECESSARY MOTOR STARTERS, VSd AND VFD ACCESSORIES. THE ELECTRICAL CONTRACTOR SHALL SUBMIT A MOTOR STARTER SCHEDULE AS A PART OF THE SHOP DRAWINGS THAT INDICATES ALL OF THE MOTOR STARTERS, VSds AND VFDs CHARACTERISTICS AND ACCESSORIES. THIS SUBMITTAL SHALL INCLUDE A RESPONSIBILITY MATRIX INDICATING WHO PROVIDES THE EQUIPMENT AND START-UP. THE ELECTRICAL CONTRACTOR SHALL ACCEPT ALL MOTOR STARTERS INCLUDING VSd/VFDs AND SHALL MOUNT/INSTALL ALL MOTOR STARTERS INCLUDING VSds/VFDs. ALL NECESSARY WIRING BETWEEN MOTOR POWER SOURCE, VSds/VFDs, MOTOR DISCONNECTS AND MOTOR TERMINATION POINTS SHALL BE PROVIDED.
- E-10 WHEREVER THE WORD "PROVIDE" IS USED, IT SHALL MEAN TO "FURNISH AND INSTALL COMPLETE AND READY FOR USE". CONTRACTOR SHALL PROVIDE ALL TESTING AND INSTRUCTIONS REQUIRED FOR OPERATION AND MAINTENANCE OF EQUIPMENT AND SYSTEMS INSTALLED.
- E-11 THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SHALL BARE THE COSTS OF ALL NECESSARY PERMITS AND INSPECTIONS.
- E-12 ALL WORKMANSHIP, MATERIALS, AND EQUIPMENT SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER OWNER OCCUPANCY.
- E-13 ALL OPENINGS CUT THROUGH WALLS BY THE CONTRACTOR SHALL BE RESEALED WITH APPROPRIATE FIRE RATED MATERIAL AFTER COMPLETION OF WORK.
- E-14 ALL NEW WORK SHALL BE CONCEALED IN CEILINGS, WALLS, ETC UNLESS OTHERWISE NOTED.
- E-15 MATERIAL, FINAL FINISHES, AND COLORS OF ALL DEVICES SHALL BE COORDINATED WITH ARCHITECT.
- E-16 CONFIRM ALL DOOR SWINGS BEFORE INSTALLING SWITCH BOXES.
- E-17 CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF SUSPENDED AND/OR CEILING MOUNTED LUMINAIRES IN MECHANICAL, ELECTRICAL, AND STORAGE AREAS WITH OTHER TRADES PRIOR TO ROUGH-IN AND INSTALLATION.
- E-18 ELECTRICAL CONTRACTOR SHALL PROVIDE EXPANSION FITTINGS IN WALL RACEWAYS CROSSING CONSTRUCTION OR EXPANSION JOINTS.
- E-19 UNLESS OTHERWISE INDICATED, ALL PANELS, CABINETS, AND THE LIKE IN ELECTRICAL CLOSETS OR EQUIPMENT ROOMS ARE TO BE MOUNTED ON STRUCTURAL CHANNEL FRAMING WHICH SHALL BE HUNG DIRECTLY FROM STRUCTURAL STEEL WITH SUPPLEMENTARY MEMBERS OR ANCHORS EMBEDDED IN CONCRETE. ALL HUNG LOADS SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER.
- E-20 MAINTAIN SEPARATION OF EMERGENCY CIRCUIT WIRING FROM NORMAL CIRCUIT WIRING PER THE NEC.
- E-21 ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE SECTIONS OF NEC CODE, GOVERNING LOCAL CODES, LAWS, AND REGULATIONS.
- E-22 ALL CONFLICT, WHICH MAY PREVENT THE COMPLETE INSTALLATION OF THE WORK AS INTENDED, SHALL BE BROUGHT TO THE OWNER/ARCHITECT/ENGINEER'S ATTENTION. THE CONTRACTOR SHALL NOT PROCEED UNTIL ALL CONFLICTS ARE RESOLVED AND THE CLARIFYING INFORMATION IS ISSUED TO THE CONTRACTOR.
- E-23 CONTRACTOR SHALL COORDINATE ALL LOCATIONS OF DISCONNECTS AND OTHER ELECTRICAL DEVICES WITH LOCATIONS OF ACCESS PANELS. ALL ELECTRICAL DISCONNECTS, DEVICES, AND ACCESS PANELS INCLUDE IN COORDINATION DRAWINGS PACKAGE.
- E-24 TEMPORARY OUTLET SHALL BE PROVIDED FOR ALL TERMINATIONS AND CONNECTIONS SHALL BE MINIMIZED WHEREVER POSSIBLE AND SHALL BE SCHEDULED WITH THE OWNER TWO WEEKS PRIOR TO AN ANTICIPATED BUILDING SHUTDOWN.
- E-25 BUILDING WIRING SHALL PROVIDE INSULATED GROUND AND NEUTRAL CONDUCTOR FOR ALL CIRCUITS. NEUTRAL CONDUCTORS SHALL NOT SERVE MORE THAN ONE CIRCUIT.
- E-26 PROVIDE ALL MATERIALS, BRACING, HANGERS, AND EQUIPMENT REQUIRED FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM. ALL MATERIAL AND EQUIPMENT INSTALLED SHALL BE NEW AND U.L. LISTED.
- E-27 PROVIDE COMPLETE AS-BUILT DRAWINGS INDICATING ALL CHANGES IN EQUIPMENT/DEVICES/CONDUIT LOCATIONS AND DELIVER TO OWNER UPON COMPLETION OF THE WORK.
- E-28 BRANCH CIRCUIT HOMERUNS TO REFERENCED PANELBOARD SHALL BE SIZED PER NEC UNLESS SHOWN OR SPECIFIED OTHERWISE.
- E-29 MINIMUM CONDUIT SIZE SHALL BE 3/4" AND MINIMUM WIRE SIZE SHALL BE #12 AWG, THW, THHW, OR THWN (75°C RATING). ALL HOMERUNS SHALL BE IN CONDUIT.
- E-30 IF A DISCONNECT IS INSTALLED ON THE LOAD SIDE OF A VFD, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED CONTROL INTERLOCK FEATURES.
- E-31 CONTRACTOR SHALL VERIFY NEMA TYPE RECEPTACLE CONFIGURATIONS REQUIRED FOR FURNISHED EQUIPMENT. WHERE EQUIPMENT IS NOT PROVIDED WITH CORD AND PLUG, THE CONTRACTOR SHALL SUPPLY CORD AND PLUG IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATION AS CONFORMING TO THE NEC.
- E-32 CONTROL/POWER WIRING REQUIRED BUT NOT SHOWN FOR, AND NOT LIMITED TO THERMOSTATS, CONTROLLERS, VFD CONTROLS, EQUIPMENT MANUFACTURER CONTROL PANELS, DAMPER MOTORS, CONTROL MOTORS, VALVES, SENSING DEVICES (TEMPERATURE, PRESSURE, HUMIDITY, LEVEL, FLOW, ON-OFF, FIRE ALARM DEVICES) SHALL BE SUPPLIED AND INSTALLED TO PROVIDE A COMPLETE AND USABLE FACILITY AS SPECIFIED. COORDINATE WITH OTHER DISCIPLINES AND PROVIDE AS REQUIRED.
- E-33 ALL WIRING METHODS FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH AND AS APPROVED BY THE N.E.C. FOR THE USE INTENDED. ALL CONDUCTORS ASSOCIATED WITH THE ELECTRICAL SERVICE ENTRANCE AND PANELBOARD FEEDERS SHALL BE INSTALLED IN CONDUIT OR AS OTHERWISE SPECIFIED ON THE DRAWINGS.
- E-34 ALL WIRING SHALL BE RUN CONCEALED IN WALLS AND PARTITIONS IN FINISHED SPACES OR ABOVE CEILING TILES UNLESS OTHERWISE SPECIFIED, OR APPROVED BY THE ARCHITECT.
- E-35 CONDUITS THAT ARE PERMITTED TO BE RUN EXPOSED IN UNFINISHED SPACES AND ARE DETERMINED BY THE ARCHITECT TO BE EXPOSED TO PHYSICAL DAMAGE OR WATER, SHALL BE GALVANIZED RIGID STEEL.
- E-36 RACEWAYS, BOXES, ETC. PROVIDED AS PART OF THIS CONTRACT AND INSTALLED ABOVE SUSPENDED CEILINGS, SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE INDEPENDENT OF THE CEILING SYSTEM, DUCTS, PIPING OR OTHER SYSTEMS.
- E-37 JUNCTION AND PULLBOXES SHALL BE INSTALLED AT SUCH LOCATIONS AS MAY BE REQUIRED TO FACILITATE THE INSTALLATION OF ELECTRICAL CONDUCTORS. EACH BOX SHALL BE PROVIDED WITH A REMOVABLE COVER. BOXES SHALL BE SMOOTH SQUARE AND TRUE. SHALL BE SET PARALLEL WITH THE WALLS AND CEILINGS AND SHALL NOT BE PLACED IN LOCATIONS MADE INACCESSIBLE BY PIPING, DUCTS OR OTHER EQUIPMENT.
- E-38 CIRCUIT BREAKERS SHALL HAVE QUICK-MAKE, QUICK-BREAK MECHANISM AND THERMAL MAGNETIC TRIP ELEMENTS. THE QUANTITY OF POLES, AMPERE RATING SHALL BE AS INDICATED ON THE DRAWINGS.
- E-39 CONNECT EMERGENCY BATTERY LIGHTING UNITS, REMOTE HEADS AND EXIT SIGNS TO HOT WIRE AHEAD OF ANY LOCAL SWITCHING.
- E-40 ELECTRICAL CONTRACTOR TO SUPPLY ALL GROUNDING & BONDING REQUIREMENTS PER NEC.
- E-41 SUBMIT FOR APPROVAL, DETAILED SHOP DRAWINGS AND CATALOG CUT SHEETS FOR ALL EQUIPMENT AND MATERIAL. ORDER OR DELIVER TO THE JOB SITE MATERIAL AND EQUIPMENT FOR WHICH THERE IS APPROVED SHOP DRAWINGS.
- E-42 MC CABLING IS ACCEPTABLE WHERE ALLOWED BY AHJ. MC CABLING IS ACCEPTABLE ABOVE ACCESSIBLE CEILINGS, IN FRAMED WALLS, AND WHERE NOT EXPOSED TO PHYSICAL DAMAGE. WIRING IN ALL OTHER LOCATIONS SHALL BE INSTALLED IN EMT OR RMC PER CODE.



**1 ELECTRICAL DEVICE MOUNTING HEIGHTS**

- NOTES:
- THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS OR SPECIFICATIONS.
  - MOUNTING HEIGHTS TO CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN MASONRY CONSTRUCTION THE ABOVE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO NEAREST BLOCK OF BRICK COURSING.
  - CONFIRM DEVICES MOUNTED ABOVE COUNTER OR CASEWORK. COORDINATE WITH ARCHITECTURAL ROOM ELEVATIONS, DETAILS AND CASEWORK CONTRACTOR.



**2 FIRE ALARM DEVICE MOUNTING HEIGHTS**

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

**FIRE ALARM GENERAL NOTES**

- F-1 FIRE ALARM SYSTEM SHALL BE DESIGNED FOR HIGH AMBIENT NOISE.
- F-2 FIRE ALARM STROBES WITH LIGHT VISIBLE FROM A GIVEN AREA SHALL BE SYNCHRONIZED.
- F-3 FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUIT. ALL CONDUIT SHALL BE CONCEALED WITHIN THE BUILDING STRUCTURE AND ABOVE CEILINGS WHEREVER POSSIBLE.
- F-4 CONTRACTOR SHALL CROSS ZONE DETECTION SYSTEM IN ORDER TO MINIMIZE FALSE ALARMS.

**TECHNOLOGY SYSTEMS/SECURITY GENERAL NOTES**

- TS-1 DATA/TELEPHONE RACEWAYS/PATHWAYS; COORDINATE WITH THE TECHNOLOGY CABLING CONTRACTOR FOR CONDUIT AND RACEWAY REQUIREMENTS FOR THE TECHNOLOGY/CABLING SYSTEMS.
- TS-2 COORDINATE WITH OWNER FOR DESIRED FUNCTIONS AND ZONE COVERAGE.

THE ELECTRICAL SYSTEMS PRESENTED ON THE SUBSEQUENT DRAWINGS WERE DESIGNED IN ACCORDANCE WITH THE FOLLOWING APPLICABLE CODES AND STANDARDS:

- THE NATIONAL ELECTRICAL CODE (NEC)
- INTERNATIONAL BUILDING CODE (IBC)
- INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
- ASHRAE STANDARD 90.1

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SEAL:

**ELECTRICAL FLOOR PLANS - LIGHTING/POWER**

HOLIDAY INN EXPRESS & SUITES  
 INTERSECTION OF HAYNES PLACE & LAMMI RD.  
 WILSON, NC 27883

STATUS: FOR BID

PROJ. DATE: 06/06/2019

PROJ. NO: 19-116

PRINTED: 06/06/2019

DRAWN BY: jlm/brm/jpk

CHECKED BY: brm

SHEET NO. E0.1

SCALE: AS NOTED

*Order Plans*

*entegra@meestercox.com*

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No.	Description	Date

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