ELECTRICAL SYMBOLS LEGEND

THIS IS A STANDARD SYMBOL LIST. ALL SYMBOLS MAY NOT APPEAR ON THIS PROJECT.

LIGHTING SYMBOLS

- RECESSED MOUNTED TROFFER, (1X4, 2X2, 2X4) FX = FIXTURE TYPE (REFER TO LIGHTING FIXTURE SCHEDULE FOR DETAILS)
- RECESSED DOWNLIGHT, SURFACE MOUNTED, OR DECORATIVE PENDANT MOUNT FX = FIXTURE TYPE (REFER TO LIGHTING FIXTURE SCHEDULE FOR DETAILS)
- PENDANT MOUNTED LINEAR DIRECT/INDIRECT FX = FIXTURE TYPE, Y = FIXTURE LENGTH (REFER TO LIGHTING FIXTURE SCHEDULE FOR DETAILS)
- POLE MOUNTED LIGHT FIXTURE
- LED EXIT SIGN, AND BATTERY BACKUP.
- LED EXIT SIGN, WITH EMERGENCY HEADS, AND BATTERY BACKUP.
- BATTERY PACK EMERGENCY LIGHT
- DENOTES FIXTURE IS CONNECTED TO EMERGENCY POWER
- DENOTES AIMING DIRECTION OF LIGHT FIXTURE
- DENOTES WALL MOUNT ARM OF LIGHT FIXTURE

LIGHTING CONTROL SYMBOLS

- CEILING MOUNTED OR WALL MOUNTED OCCUPANCY SENSOR, DUAL TECHNOLOGY
- DAYLIGHT SENSOR OR ON/OFF PHOTOCELL
- OCCUPANCY SENSOR POWER PACK, INSTALL IN A JUNCTION BOX ABOVE WALL SWITCH.
- WALL SWITCH, CONTROL: X= 3: 3 WAY 4: 4 WAY P: PILOT LIGHT M: MOTOR SWITCH T: DIGITAL TIMER SWITCH, LV: LOW VOLTAGE (REFER TO LIGHTING DETAILS FOR BUTTON TYPES) OS=WALL SWITCH OCCUPANCY SENSOR - SINGLE BUTTON DUAL TECH
- UL924 EMERGENCY TRANSFER DEVICE

POWER SYMBOLS

- DUPLEX RECEPTACLE IN A 4" SQUARE BOX WITH PLASTER RING (IN DRYWALL) SINGLE GANG BOX IN MASONRY
- DUPLEX RECEPTACLE IN A 4" SQUARE BOX XX: WP=WEATHERPROOF, SS=SURGE SUPPRESSOR, GFI= GROUND FAULT INTERRUPTER, TR=TAMPER RESISTANT
- SINGLE RECEPTACLE IN A 4" SQUARE BOX WITH PLASTER RING (IN DRYWALL) SINGLE GANG BOX IN MASONRY.
- SPECIAL RECEPTACLE IN A 4" SQUARE BOX WITH NEMA CONFIGURATION INDICATED.
- COMBINATION POKE THRU DEVICE W/ (2) DUPLEX RECEPTACLES (REFER TO ET SERIES DRAWINGS FOR # OF DATA OUTLETS)
- MULTI-SERVICE FLOOR BOX W/ (2) DUPLEX RECEPTACLES (REFER TO ET SERIES DRAWINGS FOR # OF DATA OUTLETS)
- DOUBLE GANG BACKBOX W/ SINGLE GANG DEVICE RING, 1 1/4" EMT CONDUIT W/ PULL STRING TO ABOVE ACCESSIBLE CEILING
- NON-FUSED DISCONNECT SWITCH
- FUSED DISCONNECT SWITCH
- COMBINATION MOTOR STARTER
- VARIABLE FREQUENCY DRIVE
- SINGLE PHASE MOTOR CONNECTION XX=HORSE POWER
- THREE PHASE MOTOR CONNECTION XX=HORSE POWER
- PUSHBUTTON E=EMERGENCY STOP, A=AUTO DOOR PUSH BUTTON
- SURFACE MOUNTED ELECTRICAL PANELBOARD
- RECESSED MOUNTED ELECTRICAL PANELBOARD
- JUNCTION BOX - WALL MOUNTED
- JUNCTION BOX - CEILING OR EQUIPMENT MOUNTED
- GROUND PER NATIONAL ELECTRIC CODE
- WALL MOUNTED GROUND BUS BAR (COPPER)

ANNOTATION SYMBOLS

- DRAWING KEYNOTE
- EQUIPMENT TAG
- REVISION TRIANGLE WITH REVISION CLOUD
- ABOVE GRADE/SLAB HOMERUN (MIN.#12AWG WIRE)
- INDICATED MOUNTED ABOVE COUNTERTOP (REFER TO STANDARD MOUNTING HEIGHTS DETAIL ON THIS SHEET)
- EXISTING TO REMAIN
  NEW WORK
  DEMOLITION
- RECEPTACLE TAG: X= PANEL NAME Y= CIRCUIT NUMBER
- ELECTRICAL EQUIPMENT TAG: X= DEVICE TYPE (PANELBOARD,TRANSFORMER,SWITCHBOARD) Y= DEVICE NAME

MISC SYMBOLS

- CEILING MOUNTED SPEAKER
- WIRELESS ACCESS POINT
- NURSE CALL PATIENT STATION
- NURSE CALL EMERGENCY STATION
- JUNCTION BOX
- POWER ASSIST DOOR PUSHBUTTON
- ELECTRIC STRIKE

FIRE ALARM SYMBOLS

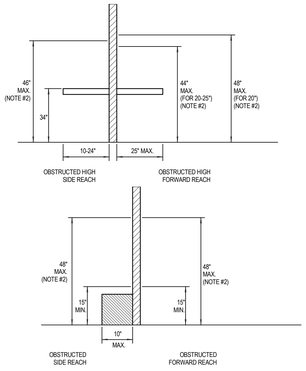
- WALL MOUNTED STROBE LIGHT
- CEILING MOUNTED SPEAKER/STROBE LIGHT
- FIRE ALARM CONTROL MODULE
- FIRE ALARM MONITOR MODULE
- HEAT DETECTOR
- SMOKE DETECTOR
- TAMPER SWITCH
- FLOW SWITCH

ABBREVIATIONS

ABOVE FINISHED FLOOR	AFF
ABOVE FINISHED GRADE	AFG
AMPERE	A/AMP
APPROXIMATELE(LY)	APPROX
ASYMMETRIC	ASY
AUTOMATIC TRANSFER SWITCH	ATS
BATTERY	BATT
BELOW FINISHED CEILING	BFC
BREAKER	BKR
CABLE TELEVISION	CATV
CEILING	CLG
CIRCUIT	CIR/CKT
CIRCUIT BREAKER	CB
CLOSED CIRCUIT TELEVISION	CCTV
COMMUNICATION	COMM
CONDUIT	C
COPPER	CU
DECIBEL	DB
DIAMETER	DIA
DISCONNECT	DISC
DISTRIBUTION PANEL	DP
DOWNLIGHT	DNLT
DRAWING	DWG
EACH	EA
ELECTRIC WATER COOLER	EWC
ELECTRICAL	ELEC
ELECTRICAL CONTRACTOR	EC
ELEVATOR	ELEV
EMERGENCY	E/EMER
EQUIPMENT	EQIP
EXHAUST FAN	EF
EXPLOSION PROOF	XP
FIRE ALARM	FA
FIRE ALARM ANNUNCIATOR PANEL	FAAP
FIRE ALARM CONTROL PANEL	FACP
FIXTURE	FIXT
FLOOR	FL
FLUORESCENT	FLOUR
FOOTCANDLES	FT
FULL LOAD AMPERES	FLA
GENERAL CONTRACTOR	GC
GENERATOR	GEN
GROUND	GND/G
GROUND FAULT INTERRUPTER	GFI
HEATING VENTILATING AIR CONDITIONING	HVAC
HERTZ	HZ
HIGH INTENSITY DISCHARGE	HID
HIGH POWER FACTOR	HPF
HORSEPOWER	HP
INCANDESCENT	INCAN
ISOLATED GROUND JUNCTION BOX	IG JB
KILOVAR (REACTANCE)	KVAR
KILOVOLT AMPERE	KVA
KILOWATT	KW
KILOWATT HOUR METER	KWH
LIGHT	LT
LIGHTING	LTG
LOW VOLTAGE	LV
LIGHT EMITTING DIODE	LED
MAIN CIRCUIT BREAKER	MCB
MAIN DISTRIBUTION PANEL	MDP
MAIN LUGS ONLY	MLO
MANHOLE	MH
MANUAL TRANSFER SWITCH	MTS
MANUFACTURER	MFR
MECHANICAL CONTRACTOR	MC
MEDIUM VOLTAGE	MV
METAL HALIDE	MH
METAL-CLAD CABLE	MCC
MISCELLANEOUS	MISC
MOTOR CONTROL CENTER	MCC
MOUNTED	MTD
MOUNTING HEIGHT	MTG HT
NATIONAL ELECTRIC MANUFACTURER ASSOCIATION	NEMA
NATIONAL ELECTRIC CODE	NEC
NIGHT LIGHT	NL
NORMALLY OPENED	NO
NOT AVAILABLE/NOT APPLICABLE	N/A
NOT IN CONTRACT	NIC
NOT TO SCALE	NTS
ON CENTER	OC
PANEL	PNL
PULL BOX	PB
RAPID START	RS
RECEPTACLE	REC/RECPT
REFLECTOR	REFL
REQUIRED	REQ'D
RIGID GALVANIZED STEEL CONDUIT	RGS
ROOM	RM
SCHEDULE	SCHED/SCH
SWITCH	SW
SWITCHBOARD	SWBD
SWITCHGEAR	SWGR
TELEPHONE	TELE
TRANSFORMER	XFMR
TYPICAL	TYP
UNDERWRITER'S LABORATORIES	UL
UNINTERRUPTIBLE POWER SUPPLY	UPS
UNLESS OTHERWISE NOTED	UON
VOLT	V
WATT	W
WEATHERPROOF	WP

ELECTRICAL DEMOLITION ABBREVIATIONS

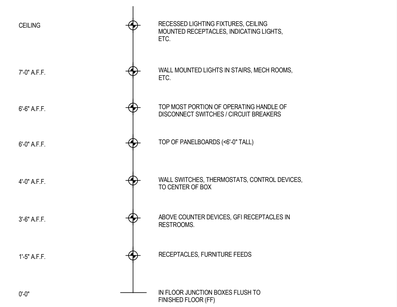
ETR	EXISTING TO REMAIN - DEVICE SHALL REMAIN IN WORKING ORDER.
RN	REMOVE AND REPLACE WITH NEW - EXISTING BACKBOX AND WIRING SHALL REMAIN. RECONNECT NEW DEVICE TO EXISTING CIRCUIT.
RR	REMOVE AND RELOCATE - DISCONNECT DEVICE, MODIFY AND EXTEND FEED TO NEW LOCATION.
RC	REMOVE COMPLETLY - REMOVE DEVICE, CONDUIT, AND WIRING BACK TO SOURCE.



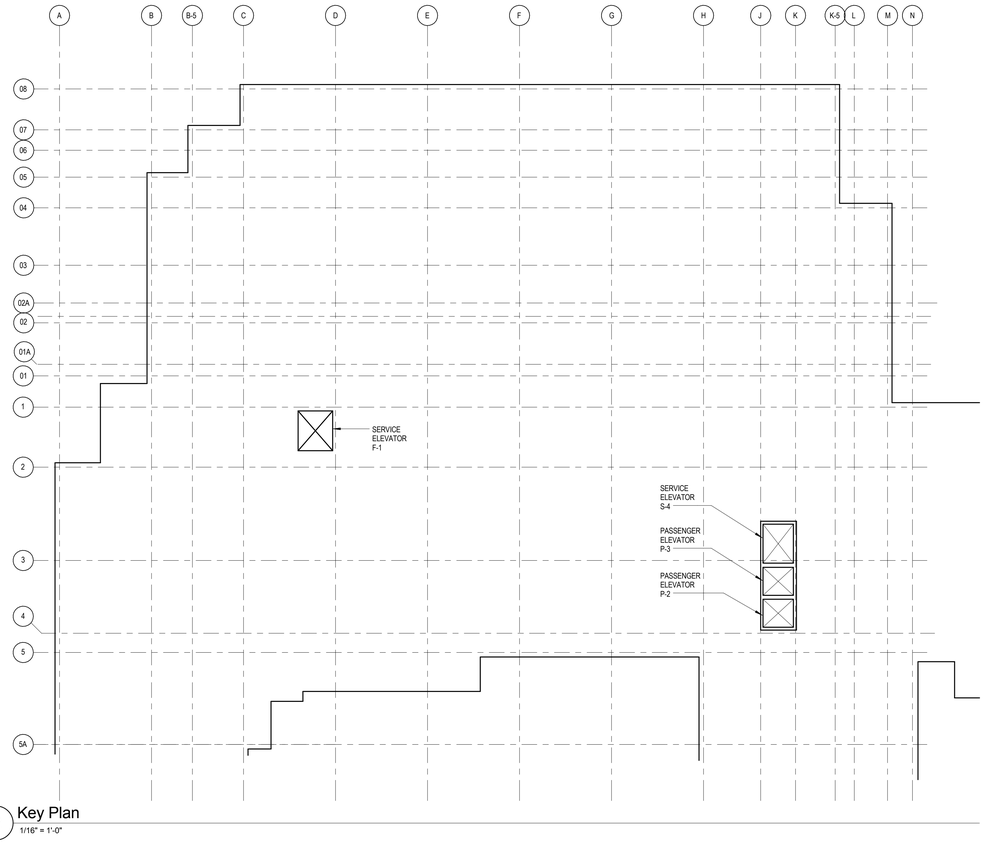
NOTES:
1. THESE GUIDLINES SHALL BE USED FOR THE INSTALLATION OF THE FOLLOWING DEVICES:
   - WALL SWITCHES
   -CONTROL SWITCHES
   -RECEPTACLES
   -VISUAL DISPLAY TOUCH PANELS
2. NOTE THAT THIS HEIGHT IS TO THE TOP-MOST PART OF THE DEVICE THAT AN OCCUPANT REQUIRES ACCESS TO.

1 ADA INSTALLATION GUIDLINES
SCALE = NOT TO SCALE

STANDARD MOUNTING HEIGHTS



1. IN MASONRY CONSTRUCTION THE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO THE NEAREST BLOCK OR BRICK COURSING.
2. THE ABOVE MOUNTING ELEVATIONS ARE TO CENTER OF DEVICE AND SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS AND/OR SPECIFICATIONS.
3. COORDINATE THE INSTALLATION AND MOUNTING ELEVATIONS OF ALL EQUIPMENT, DEVICES, CONTROLS AND APPURTENANCES WITH ARCHITECT AND ALL AFFECTED TRADES PRIOR TO INSTALLATION. DOCUMENT ALL MOUNTING ELEVATIONS FOR ALL EQUIPMENT, DEVICES, CONTROLS AND APPURTENANCES AT THE TIME OF SHOP DRAWING SUBMITTAL.



2 Key Plan
1/16" = 1'-0"

GENERAL ELECTRICAL INSTALLATION NOTES:

1. THE FOLLOWING GENERAL NOTES AS LISTED BELOW SHALL APPLY TO ALL ELECTRICAL REQUIREMENTS AS INDICATED ON ALL E SERIES CONTRACT DRAWINGS.
2. DRAWINGS FOR THIS WORK ARE DIAGRAMMATIC AND INTENDED TO CONVEY THE EXTENT, GENERAL ARRANGEMENT AND LOCATIONS OF THE WORK. BECAUSE OF THE SCALE OF THE DRAWINGS, CERTAIN BASIC ITEMS SUCH AS ACCESS PANELS, CONDUITS, CABINET SIZES, PENETRATION SLEEVES, PULL BOXES, BACKBOXES AND JUNCTION BOXES MAY NOT BE SHOWN. INCLUDE ALL ITEMS WHERE REQUIRED BY CODE, MANUFACTURER AND RELATED SPECIFICATION SECTIONS FOR THE PROPER INSTALLATION OF ALL WORK.
3. DUE TO SCALE OF THE DRAWINGS, ALL ELECTRICAL DEVICE SYMBOLS ARE SHOWN ON DRAWINGS AS CLOSE AS POSSIBLE TO THEIR INTENDED LOCATION. CONTRACTOR SHALL COORDINATE IN THE FIELD THE PROPER INSTALLATION OF ALL EQUIPMENT, DEVICES, CONTROLS AND CONDUITS. REFER TO RELATED SPECIFICATION SECTIONS FOR ADDITIONAL REQUIREMENTS.
4. COORDINATE WITH ALL TRADES AND SYSTEM INTEGRATORS ANY CONDITIONS RELATED TO THE INSTALLATION OF ALL SYSTEMS. THE CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE TRADE ALL INSTALLATION REQUIREMENTS IMPACTING THE PLACEMENT OF ALL SYSTEM COMPONENTS TO THE SATISFACTION OF ALL CONCERNED TRADES.
5. COORDINATE EXACT LOCATION OF ALL DESK OR COUNTER MOUNTED EQUIPMENT WITH OWNER AND ARCHITECT AND ALL AFFECTED TRADES PRIOR TO THE INSTALLATION OF ANY EQUIPMENT AND/OR BOXES.
6. COORDINATE EXACT LOCATION(S) OF ALL DATA AND TELEPHONE OUTLETS, ELECTRICAL RECEPTACLES WITH THE ARCHITECTURAL PLANS. FURNITURE PLANS AND ALL AFFECTED TRADES PRIOR TO INSTALLATION.
7. ALL CONDUITS SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH NFPA 70 AND PROJECT SPECIFICATIONS. ALL CONDUITS SHALL BE A MINIMUM OF 3/4" UNLESS OTHERWISE NOTED.
8. PROVIDE ALL EQUIPMENT CLEARANCES IN ACCORDANCE WITH NEC REQUIREMENTS. ARRANGE EQUIPMENT TO FACILITATE UNRESTRICTED ACCESS FOR MAINTENANCE AND SERVICE AROUND ALL EQUIPMENT, COMPONENTS AND/OR CABLE TERMINATIONS.
9. WHERE EQUIPMENT AND/OR JUNCTION BOXES ARE INSTALLED ABOVE FINISHED CEILINGS, THE CONTRACTOR SHALL PROVIDE ACCESS HATCHES LISTED FOR THE INTENDED APPLICATION. ACCESS HATCHES SHALL BE LOCATED SO THAT SERVICE ACCESS TO THE EQUIPMENT AND/OR JUNCTION BOXES IS UNIMPEDED.
10. ALL PENETRATIONS OF WALLS AND/OR FLOORS SHALL BE FIRE STOPPED IN ACCORDANCE WITH THE ASTM AND NFPA REQUIREMENTS. REFER TO RELATED SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION. INSTALLATION OF FIRE-STOPS SHALL BE PERFORMED BY AN APPLICATOR/INSTALLER QUALIFIED AND TRAINED BY THE MANUFACTURER. INSTALLATION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH MANUFACTURER'S DETAILED INSTALLATION PROCEDURES.
11. ALL EQUIPMENT ENCLOSURES LOCATED OUTSIDE OR IN ALL AREAS WITH HIGH MOISTURE OR A RELATIVE HUMIDITY OF 75% OR GREATER SHALL BE NEMA 4X STAINLESS STEEL AND RATED FOR THAT APPLICATION.
12. ALL DEVICES, COMPONENTS OR EQUIPMENT INSTALLED ON THE EXTERIOR OF THE FACILITY SHALL BE PROVIDED IN ACCORDANCE WITH ALL MANUFACTURERS' REQUIREMENTS TO ENSURE THE PROPER OPERATION WHEN EXPOSED TO THE ENVIRONMENTAL CONDITIONS AND/OR AVERAGE ANNUAL LOWEST TEMPERATURE THAT CAN BE ANTICIPATED FOR THE GEOGRAPHIC REGION OF THE FACILITY.
13. ALL INTERIOR AND/OR EXTERIOR COMPONENTS, DEVICES OR SYSTEMS EQUIPMENT EXPOSED TO THE GENERAL POPULATION SHALL BE INSTALLED IN SECURED EQUIPMENT ENCLOSURES WITH TAMPER SWITCHES AND INSTALLED IN SUCH A MANNER THAT RESISTS TAMPERING AND/OR REMOVAL WITHOUT THE USE OF SPECIALIZED TOOLS.
14. FOR EQUIPMENT INSTALLATIONS REQUIRING COORDINATION WITH OTHER TRADES THE CONTRACTOR SHALL PROVIDE ALL TEMPLATES, BACKBOXES AND EQUIPMENT ANCHOR BOLTS FOR MOUNTING OR FLUSH MOUNTING PREPARATION, (E.G. PEDESTALS OR OTHER DEVICES REQUIRING MOUNTING ON WALLS, CONCRETE PADS OR OTHER MATERIALS). COORDINATE DELIVERY OF TEMPLATES AND EQUIPMENT WITH ALL AFFECTED CONTRACTORS.
15. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE ENTIRE DOCUMENT SET, I.E. IF WORK IS SHOWN ON OTHER TRADE DRAWINGS AS "BY ELECTRICAL CONTRACTOR", THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THAT WORK.
16. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (LATEST VERSION BEING ENFORCED), AND ALL OTHER APPLICABLE CODES AND STANDARDS BEING ENFORCED BY THE AUTHORITY HAVING JURISDICTION.
17. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS OR INSTRUCTIONS FOR CONSTRUCTION SAFETY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ANY WORKMAN'S OR TRANSIENT'S SAFETY, OR FOR THE ADEQUACY OF EQUIPMENT, BUILDING COMPONENTS, WORK AIDS, OR ANY NECESSITY TO WORK ON ENERGIZED ELECTRICAL COMPONENTS. FURTHER, NO SUPERINTENDENCE IS INCLUDED OR IMPLIED.
18. ALL SYSTEMS AND EQUIPMENT SHALL BE INSTALLED AND WIRED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
19. ALL ELECTRICAL MATERIALS, DEVICES, APPLIANCES, AND EQUIPMENT SHALL BE TESTED AND LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.
20. THE VERBIAGE ON THE DRAWINGS INDICATING TYPES OF MATERIALS TO BE ENCOUNTERED IS INTENDED TO AID THE ELECTRICAL CONTRACTOR IN UNDERSTANDING THE VARIOUS CONDITIONS LIKELY TO BE ENCOUNTERED. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING QUANTITIES OF MATERIALS REQUIRED TO COMPLETE THE PROJECT.
21. THE LOCATIONS OF EXISTING UTILITIES, STRUCTURE AND OTHER CONDITIONS SHOWN ON THE PLANS ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO VERIFY AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO BEGINNING ANY WORK.
22. THE ELECTRICAL CONTRACTOR SHALL COORDINATE CONDUIT ROUTING (PLAN AND ELEVATION) WITH THE LIGHTING (NEW AND EXISTING), CEILING ELEVATION, STRUCTURE, DUCTWORK, PIPING, ETC. REQUIRED FOR THE COMPLETION OF THE PROJECT, PRIOR TO INSTALLATION.
23. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NEW OPENINGS IN EXISTING PARTITIONS, EXTERIOR WALLS, FLOORS, AND ROOFS FOR THE INSTALLATION OF ANY NEW ELECTRICAL WORK. FURNISH AND INSTALL ALL REQUIRED LINTELS AND SLEEVES FOR THIS NEW WORK. ALL CONDUITS SHALL HAVE SLEEVES INSTALLED. ALL SLEEVES INSTALLED THROUGH EXTERIOR WALLS SHALL HAVE LINK SEALS INSTALLED.
24. THE ELECTRICAL CONTRACTOR SHALL PROTECT ALL EXISTING MATERIALS THAT ARE TO REMAIN IN PLACE FROM DAMAGE. ANY DAMAGE TO EXISTING FINISHES, MATERIALS, ETC., SHALL BE REPLACED BY THE ELECTRICAL CONTRACTOR TO MATCH THE ADJACENT FINISH.
25. THE ELECTRICAL CONTRACTOR SHALL MAINTAIN THE BUILDING IN WEATHERTIGHT AND WATERPROOF CONDITION THROUGHOUT THE DURATION OF THEIR WORK. DO NOT LEAVE HOLES THROUGH WALLS AND/OR ROOFS OPEN TO THE ELEMENTS WHEN NO WORK IS OCCURRING IN THOSE AREAS.
26. THE ELECTRICAL CONTRACTOR SHALL SECURE AND PROTECT THE BUILDING AND/OR WORK AREA WITH FIRE RETARDANT TEMPORARY PLYWOOD PARTITIONS (WITH LOCKING DOORS), ETC. CLOSE ALL EXISTING OPENINGS AS REQUIRED. COORDINATE THIS WORK WITH THE OWNERS REPRESENTATIVE PRIOR TO STARTING. IF TEMPORARY PARTITIONS IMPEDE THE FLOW OF EGRESS TO REQUIRED EGRESS DOORS AND STAIRS, THE ELECTRICAL CONTRACTOR SHALL PROVIDE EXIT SIGNS, AND SIGNAGE INDICATING SUCH.
27. THE ELECTRICAL CONTRACTOR SHALL CAULK ALL JOINTS BETWEEN METAL FRAMES AND EXISTING CONDITIONS. THIS APPLIES TO BOTH INTERIOR AND EXTERIOR INSTALLATIONS.
28. THE DIMENSIONS SHOWN ON THE DRAWINGS ARE FOR THE CONVENIENCE OF THE ELECTRICAL CONTRACTOR ONLY. VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO PERFORMING ANY WORK.
29. THE ELECTRICAL CONTRACTOR SHALL INSTALL ALL CONDUITS CONCEALED UNLESS NOTED OTHERWISE. EXPOSED CONDUIT SHALL ONLY BE INSTALLED IN CHASES, EXPOSED CEILING AREAS, JANITOR CLOSETS, AND MECHANCIAL/ELECTRICAL ROOMS.
30. ALL ELECTRICAL EQUIPMENT SHALL BE GROUNDED AND/OR BONDED PER THE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE. PROVIDE ALL GROUNDING AND/OR BONDING COMPONENTS NOT EXPLICITLY SHOWN ON THE DOCUMENTS.
31. THE ELECTRICAL CONTRACTOR SHALL PROVIDE TYPEWRITTEN PANELBOARD DIRECTORIES, INDICATING THE LOADS SERVED BY THE RESPECTIVE PANELS. AMEND AS REQUIRED FOR AS-BUILT CONDITIONS. PROVIDE ELECTRONIC VERSIONS OF THE PANELBOARD SCHEDULES FOR FUTURE USE BY THE OWNER.
32. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER PRIOR TO STARTING ALL PHASES OF THE PROJECT. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE OWNER WHAT WORK, IF ANY, HAS TO BE COMPLETED DURING SECOND OR THIRD SHIFT.
33. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL TEMPORARY POWER CONNECTIONS TO KEEP AREAS UP AND OPERATIONAL DURING THE CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THESE REQUIREMENTS WITH THE OWNER.
34. THE ELECTRICAL CONTRACTOR SHALL GENERATE A DETAILED METHOD OF PROCEDURE (MOP) DOCUMENT INDICATING HOW HE/SHE INTENDS TO PERFORM EACH STEP IN THE PROJECT. THIS MOP SHALL BE PRESENTED TO THE OWNER AND ENGINEER PRIOR TO STARTING THE PROJECT, FOR SIGN OFF. THE MOP MAY BE REVISED BASED ON CHANGES IN THE PROJECT CONSTRUCTION, ETC. AT ALL POINTS IN THE PROJECT THE OWNER SHALL BE MADE AWARE OF CHANGES TO THE MOP, AND A REVISED MOP SHALL BE PRESENTED TO THE OWNER AND ENGINEER FOR SIGN OFF.

ALL NEW CONDUIT AND JUNCTION BOXES SHALL BE PRE-PAINTED TO CONFORM TO THE FOLLOWING VA STANDARD:
- **FIRE ALARM - RED**
- **SECURITY - BLUE**
- **COMMUNICATIONS - GREEN**
- **NURSE CALL - YELLOW**
- **HVAC CONTROLS - PURPLE**

NORTH

FULLY SPRINKLERED CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:

SEAL

ARCHITECTS/ENGINEERS:

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AE Works Project Number: 13036

Drawing Title: ELECTRICAL SCHEDULES, SYMBOLS AND NOTES

Approved: Project Director

Project Title: ERIE VAMC - REPLACE ELEVATORS

Location: 135 EAST 38TH STREET, ERIE, PA 16504

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Project Number: 562-13-113

Building Number: 01

Drawing Number: 01-E001

Dwg. 12 **of** 16

Office of Construction and Facilities Management

Department of Veterans Affairs

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