ELECTRICAL ABBREVIATIONS

* BELOW IS A GENERAL ABBREVIATIONS LIST USED ON ALL PROJECTS. ABBREVIATIONS MAY OR MAY NOT BE USED ON THIS PROJECT.

@	AT	LAN	LOCAL AREA NETWORK
A	AMPERES (AMPS)	MAX	MAXIMUM
AC	ABOVE COUNTER	MC	MECHANICAL CONTRACTOR OR METAL CLAD CABLE
AFCI	ARC FAULT CIRCUIT INTERRUPTER	MCA	MINIMUM CIRCUIT AMPERES
AFF	ABOVE FINISHED FLOOR	MCB	MAIN CIRCUIT BREAKER
AFG	ABOVE FINISHED GRADE	MCC	MOTOR CONTROL CENTER
AHJ	AUTHORITY HAVING JURISDICTION	MDP	MAIN DISTRIBUTION PANEL
AHU	AIR HANDLING UNIT	MFGR	MANUFACTURER
ALT	ALTERNATE	MH	MANHOLE OR METAL HALIDE
APPROX	APPROXIMATELY	MIN	MINIMUM
ATC	AUTOMATIC TEMPERATURE CONTROL	MISC	MISCELLANEOUS
ATS	AUTOMATIC TRANSFER SWITCH	MLO	MAIN LUGS ONLY
AUX	AUXILIARY	MOCP	MAXIMUM OVERCURRENT PROTECTION
AWG	AMERICAN WIRE GAGE	MOD	MOTOR OPERATED DAMPER
BFG	BELOW FINISHED GRADE	MTD	MOUNTED
BKR	BREAKER	N/A	NOT APPLICABLE
℄	CENTERLINE	NE	NORMAL EMERGENCY
C	CONDUIT	NEC	NATIONAL ELECTRICAL CODE
CB	CIRCUIT BREAKER	NIC	NOT IN CONTRACT
CCTV	CLOSED CIRCUIT TV	NL	NIGHT LIGHT
CEF	CEILING EXHAUST FAN	NTS	NOT TO SCALE
CKT	CIRCUIT	OD	OUTSIDE DIAMETER
CLG	CEILING	ø	PHASE
CONC	CONCRETE	ℙ	PROPERTY LINE
COND	CONDENSING	P	POLES
CONN	CONNECTION	PB	PULLBOX
CT	CURRENT TRANSFORMER	PBX	PRIVATE BRANCH EXCHANGE
CU	COPPER	PC	PLUMBING CONTRACTOR
CUH	CABINET UNIT HEATER	PL	PILOT LIGHT
DB	DIRECT BURIAL / DECIBEL	PNL	PANELBOARD
DC	DIRECT CURRENT	PRV	POWER ROOF VENTILATOR
DIA	DIAMETER	PVC	POLYVINYL CHLORIDE
DISC	DISCONNECT	R/W	RIGHT OF WAY
DN	DOWN	RCPT	RECEPTACLE
DO	DITTO	RCU	REMOTE CONDENSING UNIT
DW	DISHWASHER	REF	REFRIGERATOR
DWG	DRAWING	REQ'D	REQUIRED
EA	EACH	REV	REVISION
EC	ELECTRICAL CONTRACTOR	RHC	REHEAT COIL
EF	EXHAUST FAN	RS	RIGID STEEL
EM	EMERGENCY	RTU	ROOF TOP UNIT
EMT	ELECTRICAL METALLIC TUBING	SHT	SHEET
ETR	EXISTING TO REMAIN	SMR	SURFACE MOUNTED RACEWAY
EWC	ELECTRIC WATER COOLER	SPDT	SINGLE POLE DOUBLE THROW
EX	EXISTING (EXIST)	SPECS	SPECIFICATIONS
FBO	FURNISHED BY OTHERS	SQ	SQUARE
FCU	FAN COIL UNIT	STL	STEEL
FEC	FIRE EXTINGUISHER CABINET	SW	SWITCH
FLA	FULL LOAD AMPERES	SWBD	SWITCHBOARD
FLR	FLOOR	SWGR	SWITCHGEAR
FSC	FOOD SERVICE EQUIPMENT CONTRACTOR	TC	TIME CLOCK
FU	FUSED OR FUSES	TCP	TEMPERATURE CONTROL PANEL
GC	GENERAL CONTRACTOR	TEMP	TEMPORARY
GEN	GENERATOR	TP	TWISTED PAIR
GFI	GROUND FAULT CIRCUIT INTERRUPTER	TSP	TWISTED SHIELDED PAIR
GND	GROUND	TV	CABLE TELEVISION
HC	HVAC CONTRACTOR	TYP	TYPICAL
HID	HIGH INTENSITY DISCHARGE	UG	UNDERGROUND
HP	HORSEPOWER	UL	UNDERWRITER'S LABORATORIES
HPS	HIGH PRESSURE SODIUM	UNO	UNLESS NOTED OTHERWISE
HR	HOUR	UPS	UNINTERRUPTIBLE POWER SUPPLY
HTR	HEATER	UV	UNIT VENTILATOR
HUH	HORIZONTAL UNIT HEATER	V	VOLTS
HVAC	HEATING, VENTILATING & AIR CONDITIONING	W	WIRE OR WATT
HZ	FREQUENCY IN CYCLES PER SECOND	W/	WITH
ID	INSIDE DIAMETER	W/D	WASHER/DRYER
JB	JUNCTION BOX	WH	WATER HEATER
KV	KILOVOLT	WP	WEATHERPROOF
KVA	KILOVOLT AMPERES	XFMR	TRANSFORMER
KW	KILOWATT	XP	EXPLOSION PROOF
KWH	KILOWATT HOURS		

LEGEND & SYMBOLS

* BELOW IS A GENERAL LEGEND AND SYMBOLS LIST USED ON ALL PROJECTS. SYMBOLS MAY OR MAY NOT BE USED ON THIS PROJECT.

- SWITCHED CIRCUIT
- BRANCH CIRCUIT
- SWITCH LEG
- OCCUPANCY SENSOR CIRCUIT
- LV — LOW VOLTAGE CIRCUIT
- OE — OVERHEAD ELECTRIC
- UE — UNDERGROUND ELECTRIC
- UC — UNDERGROUND COMMUNICATION WIRING
- CT — CABLE TRAY
- RECESSED ELECTRICAL PANELBOARD
- SURFACE MOUNTED ELECTRICAL PANELBOARD
- EXISTING PANELBOARD TO REMAIN AND BE REUSED
- HOMERUN OR CONTINUATION TO PANELBOARD
- RECESSED CEILING LINEAR LED FIXTURE
- RECESSED CEILING NIGHT LIGHT LINEAR LED FIXTURE
- RECESSED CEILING WALL WASH LINEAR LED FIXTURE
- SURFACE MOUNTED LINEAR LED FIXTURE
- SURFACE MOUNTED NORMAL/EMERGENCY LINEAR LED FIXTURE
- SURFACE MOUNTED WALL WASH LINEAR LED FIXTURE
- SURFACE MOUNTED INDUSTRIAL/STRIP LINEAR LED FIXTURE
- PENDANT MOUNTED LINEAR LED FIXTURE
- PENDANT MOUNTED NORMAL/EMERGENCY LINEAR LED FIXTURE
- PENDANT MOUNTED WALL WASH LINEAR LED FIXTURE
- WALL MOUNTED LINEAR LED FIXTURE
- WALL MOUNTED NORMAL/EMERGENCY LINEAR LED FIXTURE
- WALL MOUNTED WALL WASH LINEAR LED FIXTURE
- WALL MOUNTED INDUSTRIAL/STRIP LINEAR LED FIXTURE
- TRACK MOUNTED LED LIGHTING FIXTURE
- RECESSED CAN LED FIXTURE
- RECESSED CAN NORMAL/EMERGENCY LED FIXTURE
- RECESSED CAN EMERGENCY ONLY LED FIXTURE
- RECESSED CAN COMPACT LED WALL WASH FIXTURE
- SURFACE MOUNTED LED FIXTURE
- SURFACE MOUNTED NORMAL/EMERGENCY LED FIXTURE
- SURFACE MOUNTED EMERGENCY ONLY LED FIXTURE
- SURFACE MOUNTED LED WALL WASH FIXTURE
- PENDANT MOUNTED LED FIXTURE
- PENDANT MOUNTED NORMAL/EMERGENCY LED FIXTURE
- WALL MOUNTED LED BRACKET FIXTURE
- WALL MOUNTED NORMAL/EMERGENCY LED BRACKET FIXTURE
- WALL MOUNTED EMERGENCY ONLY LED BRACKET FIXTURE
- RECESSED WALL LED FIXTURE
- EXISTING LIGHT FIXTURE TO REMAIN AND BE REUSED
- EXISTING LIGHT FIXTURE TO BE DISCONNECTED AND REMOVED
- EMERGENCY LIGHTING LOW VOLTAGE DUAL HEAD BATTERY PACK UNIT
- COMBINATION EXIT SIGN/EMERGENCY LIGHTING LOW VOLTAGE DUAL HEAD BATTERY PACK UNIT
- EMERGENCY LIGHTING LOW VOLTAGE REMOTE HEAD FIXTURE
- EMERGENCY LIGHTING LOW VOLTAGE DUAL REMOTE HEAD FIXTURE
- EXIT SIGN (NUMBER OF FACES & DIRECTIONAL ARROWS AS INDICATED ON FLOOR PLANS)
- EXISTING EXIT SIGN TO REMAIN AND BE REUSED
- $, ^{3}, ^{4} — WALL SWITCH (3 OR 4 WAY WHERE SHOWN)
- $^D — DIMMER WALL SWITCH
- $^K — KEY OPERATED WALL SWITCH
- $^{LV} — LOW VOLTAGE WALL SWITCH
- $^{PL} — WALL SWITCH WITH PILOT LIGHT
- $^{SP} — SPEED CONTROL WALL SWITCH
- $^{WP} — WEATHERPROOF WALL SWITCH
- TC — TIME CLOCK (SHALL BE CAPABLE OF RETAINING PROGRAMMING AND THE TIME SETTING DURING LOSS OF POWER FOR A PERIOD OF AT LEAST 10 HOURS)
- PE — PHOTO-ELECTRIC CELL
- PUSH BUTTON WALL SWITCH
- $ — EXISTING WALL SWITCH FIXTURE TO REMAIN AND BE REUSED
- $ — OCCUPANCY SENSOR WALL SWITCH
- OS — CEILING MOUNTED OCCUPANCY SENSOR
- OS — WALL MOUNTED OCCUPANCY SENSOR
- P — OCCUPANCY SENSOR POWER PACK

- SIMPLEX RECEPTACLE, 1ø–120 VOLTS
- DUPLEX RECEPTACLE, 1ø–120 VOLTS
- QUADRAPLEX RECEPTACLE, 1ø–120 VOLTS
- 30" MOUNTING HEIGHT A.F.F.
- AC — ABOVE COUNTER
- BC — BELOW COUNTER
- D — DRYER
- E — EMERGENCY
- EWC — ELECTRIC WATER COOLER
- GFI — GROUND FAULT INTERRUPTER
- R — RANGE
- REF — REFRIGERATOR
- USB — USB A AND C
- WP — WEATHERPROOF
- SWITCHED RECEPTACLE, 1ø–120 VOLTS
- FLOOR MOUNTED QUADRAPLEX RECEPTACLE, 1ø–120 VOLTS
- CEILING MOUNTED DUPLEX RECEPTACLE, 1ø–120 VOLTS
- ER — ELECTRIC RANGE RECEPTACLE (CONFIGURATION AS PER EQUIPMENT MANUFACTURER REQUIREMENTS)
- SPECIAL PURPOSE RECEPTACLE (CONFIGURATION AS PER EQUIPMENT MANUFACTURER REQUIREMENTS)
- 30A — SPECIAL PURPOSE RECEPTACLE W/ AMP RATING
- EXISTING RECEPTACLE TO REMAIN AND BE REUSED
- EXISTING RECEPTACLE TO BE DISCONNECTED AND REMOVED
- PP — POWER POLE FOR CONNECTION TO PRE-WIRED FURNITURE
- J — JUNCTION BOX
- J_MOD — JUNCTION BOX FOR MOTOR OPERATED DAMPERS
- CONNECTION BY E.C. IN EQUIPMENT BY OTHERS
- DISCONNECT SWITCH
- T — TRANSFORMER
- DB — DOOR BELL BASE UNIT
- COMBINATION TELEPHONE/COMPUTER NETWORKING OUTLET
- FLOOR MOUNTED TELEPHONE/COMPUTER NETWORKING OUTLET
- CEILING MOUNTED TELEPHONE/COMPUTER NETWORKING OUTLET
- COMPUTER NETWORKING OUTLET
- TV — CABLE TELEVISION/ANTENNA OUTLET
- SP — SOUND SYSTEM SPEAKER
- CO — CARBON MONOXIDE DETECTOR
- S — SMOKE DETECTOR
- S_D — DUCTWORK SMOKE DETECTOR
- S_E — SMOKE DETECTOR WITH ELEVATOR RECALL
- T — THERMAL DETECTOR
- F — FIRE ALARM SYSTEM PULL STATION
- F — FIRE ALARM SYSTEM AUDIO/VISUAL UNIT
- V — FIRE ALARM SYSTEM VISUAL ONLY UNIT

NOTE: NUMERICAL VALUE ADJACENT TO DEVICE INDICATES CANDELA RATING

- DH — FIRE ALARM SYSTEM DOOR HOLDER
- F — FIRE ALARM SYSTEM SPRINKLER FLOW SWITCH
- T — FIRE ALARM SPRINKLER TAMPER SWITCH
- ANN — FIRE ALARM SYSTEM ANNUNCIATOR PANEL
- FACP — FIRE ALARM CONTROL PANEL
- ARCP — AREA OF RESCUE SYSTEM CONTROL PANEL
- AR X — AREA OF RESCUE CALL STATION (X = STATION NO.)
- C — SECURITY SYSTEM CAMERA
- SECURITY SYSTEM JUNCTION BOX
- CR — SECURITY SYSTEM CARD READER
- DC — SECURITY SYSTEM DOOR CONTACT
- ES — SECURITY SYSTEM ELECTRIC DOOR STRIKE
- ML — SECURITY SYSTEM MAGNETIC DOOR LOCK
- I — SECURITY SYSTEM INTERCOM OUTLET
- MS — SECURITY SYSTEM MOTION SENSOR
- PB — SECURITY SYSTEM PUSH BUTTON
- RS — SECURITY SYSTEM REQUEST TO EXIT
- NURSE CALL SYSTEM HALL LIGHT
- X — NURSE CALL ZONE INDICATOR LIGHT (X = ZONE NO.)
- NC — NURSE CALL SYSTEM PATIENT STATION
- NC PC — NURSE CALL SYSTEM EMERGENCY PULL CORD
- NC DS — NURSE CALL SYSTEM DUTY STATION
- NC SS — NURSE CALL SYSTEM STAFF STATION
- S_NC — PATIENT ROOM SMOKE DETECTOR

GENERAL NOTES

1. MATERIALS AND EQUIPMENT FURNISHED UNDER THE CONTRACT ARE TO BE NEW AND BEAR THE UNDERWRITER'S LABORATORIES, INC., LABEL, AS APPROPRIATE. THE COMPLETE INSTALLATION IS SUBJECT TO THE APPROVAL OF THE ENGINEER.
2. ANYTHING DRAWN OR SPECIFIED IS NOT INTENDED TO CONFLICT WITH ANY LOCAL, MUNICIPAL STATE OR FEDERAL LAW, REGULATION OR ORDINANCE WHICH GOVERNS THE INSTALLATION OF ANY ELECTRICAL OR RELATED WORK. ITEMS ARE NOT TO BE INSTALLED IN CONFLICT WITH ANY CODE OR REGULATION. ANY CONFLICTS ARE TO BE RESOLVED WITH THE ENGINEER BEFORE INSTALLATION BY THE CONTRACTOR AT NO ADDITIONAL COSTS.
3. THE CONTRACTOR IS TO BE SOLELY RESPONSIBLE FOR CONSTRUCTION, MATERIAL AND EQUIPMENT FURNISHED FOR THE CONTRACT UNTIL COMPLETION OF THE PROJECT AND FINAL ACCEPTANCE. DAMAGED WORK OR MATERIALS ARE TO BE REPLACED BY THIS CONTRACTOR AT HIS OWN EXPENSE.
4. CHANGES NECESSARY DUE TO LACK OF COORDINATION OR BECAUSE OF POOR WORKMANSHIP, AS DETERMINED BY THE ENGINEER OR THE OWNER ARE TO BE MADE BY THE CONTRACTOR AT NO ADDITIONAL COSTS.
5. INSPECTION FEES, BACKCHARGES AND PERMITS AND CERTIFICATES REQUIRED FOR THE INSTALLATION, TESTS AND INSPECTIONS OF WORK PROVIDED UNDER THIS CONTRACT ARE TO BE PAID FOR BY THE CONTRACTOR.
6. CUTTING AND PATCHING IN THE EXISTING BUILDING NECESSARY FOR THE INSTALLATION OF THE ELECTRICAL WORK ARE TO BE DONE BY THE CONTRACTOR PROVIDING THE WORK. PATCHING IS TO MATCH THE EXISTING MATERIALS AND FINISHES. WHERE PAINTED SURFACES ARE PATCHED, THE CONTRACTOR IS TO PAINT PATCHING TO MATCH THE EXISTING COLOR FINISHES WITH A MINIMUM OF A PRIME COAT AND TWO (2) FINISH COATS OF SHERWIN WILLIAMS OR APPROVED PAINT, COLOR AS SELECTED BY THE OWNER.
7. NO CUTTING IS TO BE DONE WHICH MAY IN ANY WAY AFFECT THE BUILDING STRUCTURALLY WITHOUT FIRST SECURING THE CONSENT OF THE ENGINEER.
8. THE CONTRACTOR IS TO GUARANTEE FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE IN WRITING BY THE ENGINEER THAT MATERIAL, EQUIPMENT AND WORKMANSHIP, FURNISHED UNDER THE CONTRACT, ARE FREE FROM DEFECTS. THE CONTRACTOR IS TO REPLACE ANY EQUIPMENT OR MATERIAL FOUND DEFECTIVE WITHIN THE GUARANTEE PERIOD AT NO COST TO THE OWNER.
9. THE CONTRACTOR IS TO FURNISH ACCESS PANELS AS REQUIRED FOR ACCESS TO CONCEALED PULL BOXES, JUNCTION BOXES OR SIMILAR ITEMS WHERE NO OTHER MEANS OF ACCESS IS PROVIDED. ACCESS PANELS INSTALLED IN FIRE RATED CEILINGS OR WALLS ARE TO BE OF SIMILAR RATING.
10. FURNISH AND INSTALL NECESSARY STEEL ANGLES, BEAMS, CHANNELS, HANGER RODS AND OTHER SUPPORTS FOR EQUIPMENT AND PIPING FURNISHED UNDER THIS CONTRACT REQUIRING SUPPORT OR SUSPENSION FROM BUILDING STRUCTURE EXCEPT SUPPORT STEEL WHERE OTHERWISE NOTED ON THE PLANS.
11. GENERALLY, BLOCKING MATERIALS ARE TO BE METAL; HOWEVER, SHOULD WOOD BLOCKING BE UTILIZED AT ANY LOCATION, THE BLOCKING MUST BE MADE FIRE-RESISTANT.
12. WIRING IS TO BE CONCEALED IF POSSIBLE. CONCEALED (AND EXPOSED WIRING IS) TO BE INSTALLED IN CONDUIT: RIGID METALLIC CONDUIT TO BE INSTALLED WHERE EXPOSED TO PHYSICAL DAMAGE, AND EMT CONDUIT WHERE NOT SUBJECT TO PHYSICAL DAMAGE. SHORT "WHIPS" OF WIRING BETWEEN DEVICES MAY BE METALLIC CLAD (INTERIOR) OR OTHER NON-RIGID PRODUCT (LISTED FOR APPROPRIATE LOCATION) (I.E. – CONNECTION TO PUMPS – TO ALLOW FOR VIBRATION). ALL REQUIRED SUPPORTS, BUSHINGS, LOCKNUTS, ETC. TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
13. WIRE AND CABLE FOR FEEDERS, BRANCH CIRCUIT, CONTROL, ETC., ARE TO BE SOFT DRAWN COPPER CONDUCTORS, 600 VOLT, HEAT RESISTANT THERMOPLASTIC INSULATED, TYPE "THW", "THWN" OR "THHN" CONFORMING TO THE LATEST REQUIREMENTS OF THE HEREIN SPECIFIED CODES. NON-METALLIC SHEATHED CABLE (ROMEX) IS NOT PERMITTED. WIRING INSULATION MUST BE A MINIMUM OF 75 DEGREES "C" AND RATED FOR WET LOCATIONS AS REQUIRED.
14. UNLESS NOTED OTHERWISE ON THE DRAWINGS, THE MINIMUM WIRE SIZE FOR BRANCH CIRCUITS IS TO BE NO. 12 AWG, EXCEPT NO. 10 AWG MINIMUM SIZE IS TO BE USED IN RUNS WHERE DISTANCE FROM THE PANELBOARD TO FIRST OUTLET EXCEEDS 75 FEET DUE TO CONDUIT ROUTING.
15. WIRE AND CABLE ARE TO BE INSTALLED IN CONDUIT IN A MANNER NOT TO DAMAGE THE INSULATION. ONLY U.L. APPROVED WIRE PULLING COMPOUNDS ARE TO BE USED TO DECREASE THE FRICTION WHEN PULLING IN WIRES, SUCH AS "WIRE LUBE" BY IDEAL.
16. WHERE OPEN CABLE IS INSTALLED IN RETURN AIR PLENUM ABOVE CEILINGS, LISTED RETURN AIR PLENUM CABLE IS TO BE USED.
17. THE ENTIRE INSTALLATION MUST BE GROUNDED IN COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE. ALL DEVICES, EQUIPMENT, BOXES, ETC. MUST BE CONNECTED TO A SOLID, INSULATED GREEN, COPPER GROUNDING CONDUCTOR.
18. PRIOR TO BEGINNING INSTALLATION, COORDINATE FINAL LOCATIONS OF ALL SWITCHES, JUNCTION BOXES, CONDUIT, ETC. IN ALL AREAS WITH OWNER AND WITH EQUIPMENT TO BE FURNISHED AND INSTALLED BY OTHERS.
19. E.C. SHALL PROPERLY SEAL ALL PENETRATIONS AS REQUIRED PER UL LISTING OF WALL/FLOOR/CEILING. E.C. SHALL PROPERLY SEAL ALL PENETRATIONS AND CONDUITS TO EXTERIOR AS REQUIRED IN A PROFESSIONAL MANNER TO MAINTAIN WET AND WEATHERPROOF CONDITION.
20. WHERE EXISTING FIXTURES, OUTLETS, CONDUITS, ETC. INTERFERE WITH THE NEW WORK IN REMODELED AREAS, THE CONTRACTOR IS TO REMOVE THE EQUIPMENT AS REQUIRED. NEW CONDUITS, CONDUCTORS, JUNCTION BOXES, ETC. ARE TO BE INSTALLED FOR THE CIRCUITS AFFECTED IN THE AREA. WHERE FIXTURES, SWITCHES OR OTHER DEVICES ARE REMOVED AND UNUSED OPENINGS REMAIN, THE CONTRACTOR IS TO REMOVE THE BOX AND REPAIR AND FINISH THE OPENING TO MATCH THE ADJACENT SURFACES.
21. THE E.C. IS RESPONSIBLE FOR DEMOLITION WORK AND CORE DRILLING NECESSARY TO INSTALL ALL NEW CONDUITS IN ELECTRICAL DRAWING SET.
22. THE E.C. IS TO COORDINATE WITH OWNER IN ORDER TO DETERMINE WHAT ELECTRICAL ITEMS THE OWNER WOULD LIKE TO SALVAGE; THESE ITEMS ARE TO BE TURNED OVER TO OWNER. ALL OTHER ITEMS ARE TO BE PROPERLY DISPOSED OF BY THE E.C.
23. IN AREAS WHERE ONLY PART OF THE SPACE IS TO BE DEMOLISHED, THE CONTRACTOR IS TO MAINTAIN THRU-WIRING TO EXISTING LIGHTS, RECEPTACLES, EQUIPMENT, ETC. TO REMAIN AND BE REUSED. THE CONTRACTOR IS TO MODIFY EXISTING WIRING AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
24. NO AS-BUILT ELECTRICAL DRAWINGS WERE AVAILABLE AS REFERENCE FOR EXISTING ELECTRICAL CIRCUITING, OVERCURRENT PROTECTION, WIRE SIZING, CONDUIT ROUTING OR SIZE, ETC. EXISTING INFORMATION SHOWN ON ELECTRICAL DRAWINGS HAS BEEN DERIVED FROM LIMITED FIELD SURVEYS OF THE EXISTING BUILDING – EXACT CONDITIONS ARE TO BE VERIFIED BY THE E.C. IN THE FIELD.
25. WHERE EXISTING EQUIPMENT IS TO BE REMOVED, CONTRACTOR IS TO REMOVE EXISTING RECEPTACLES, WIRING AND BOXES IF NOT BEING REUSED UNLESS DIRECTED OTHERWISE.
26. THE CONTRACTOR IS TO DISCONNECT AND RENDER DEAD WIRING TO EQUIPMENT THAT IS TO BE REMOVED BY OTHER CONTRACTORS.
27. THE CONTRACTOR IS TO REUSE EXISTING CONCEALED CONDUITS AND BOXES WHEREVER POSSIBLE TO SUPPLY OR CONTROL NEW BRANCH CIRCUITS IN THE EXISTING BUILDING. IF EXISTING BOXES DO NOT COMPLY WITH THE CURRENT N.E.C. "CUBIC INCH CAPACITY" REQUIREMENTS, THE CONTRACTOR IS TO MODIFY OR REPLACE EXISTING BOX AS REQUIRED TO COMPLY WITH THE CURRENT EDITION OF THE N.E.C.
28. EXISTING WIRING TO REMOVED EQUIPMENT IS NOT TO BE REUSED, CONDUITS MAY BE REUSED. WIRING TO NEW EQUIPMENT AND RELOCATED EXISTING EQUIPMENT IS TO BE NEW UNLESS NOTED OTHERWISE
29. THE E.C. IS TO VISIT THE SITE IN ORDER TO DETERMINE THE EXTENT OF THE DEMOLITION WORK – THE E.C. IS RESPONSIBLE FOR REMOVING ANY ELECTRICAL ITEMS AND/OR CONNECTIONS IN THE RENOVATED AREAS THAT HAVE NOT BEEN INDICATED BY THESE DRAWINGS AFTER COORDINATING WITH PROJECT MANAGER AND OWNER.
30. THE ENTIRE ELECTRICAL INSTALLATION IS TO CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, ALL APPLICABLE NATIONAL, STATE OR LOCAL CODES AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY.

* THE TERM CONTRACTOR OR ELECTRICAL CONTRACTOR IS TO APPLY TO THE CONTRACTOR OR SUB-CONTRACTOR PERFORMING THE ELECTRICAL WORK.

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 50053, EXPIRATION DATE: 10-13-2026

BRETT NICHOLAS YONISH DATE 02-04-2025

STATE OF MARYLAND — BRETT N. YONISH — 50053 — PROFESSIONAL ENGINEER

GENERAL NOTES, LEGEND & DETAILS – ELECTRICAL

WELD FUME EXTRACTION
WELDING ROOM
FOR
ALLEGANY COLLEGE, LAVALLE BUILDING
37 LANE AVENUE, LAVALLE, MARYLAND 21502

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REVISIONS		
MARK	BY	DATE

DATE: 02/04/2025
DRAWN BY: J.L.L.
CHECKED BY: B.N.Y.
PROJECT NO. EHEA 24141
DRAWING NO. E-1

February 04, 2025 – 11:17am T:\Projects\2024\24-141 – ACM Makers Space Dust Collection and Weld Fume Extraction Systems\WELDING SHOP\Drawings\24-141 – E1.dwg

ORIGINAL DRAWING SIZE = 24"x36"

NOTE: DO NOT SCALE DRAWING - EACH CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS AND ALL DIMENSIONS BEFORE BEGINNING ANY WORK. EACH CONTRACTOR IS TO FULLY COORDINATE THEIR WORK WITH THAT OF OTHERS. REFER TO THE CONTRACT AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.