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| ELECTRICAL SYMBOL LEGEND | | | | | | |
|------------------------------------|--|-----------------------|--|--|---|---------------|
| SYMBOL | DESCRIPTION | MOUNTING, REMARKS | SYMBOL | DESCRIPTION | MOUNTING, REMARKS | |
| GENERAL - LINE TYPES AND NOTATION | | | LIGHTING - ALPHANUMERIC SUBSCRIPTS INDICATE TYPE; REFER TO LUMINAIRE SCHEDULE | | | |
| | EXISTING (UNLESS OTHERWISE INDICATED) | | | LIGHT FIXTURE, CEILING-MOUNT OR SUSPENDED (HATCHING INDICATES EMERGENCY) | REFER TO LUMINAIRE SCHEDULE AND ARCHITECTURAL CEILING PLANS FOR MOUNTING INFORMATION. | |
| | PROVIDE AS NEW (UNLESS OTHERWISE INDICATED) | | | | | |
| | DEMOLITION, REMOVALS | | | LIGHT FIXTURE WALL-MOUNT (HATCHING INDICATES EMERGENCY) | | |
| | KEYED DRAWING NOTE | | | | 96" AFF/AFG, UNO. | |
| | EQUIPMENT TAG (OTHER DISCIPLINE) | | | | | |
| POWER - RISER (ONE-LINE) DIAGRAM | | | | | | |
| | CIRCUIT BREAKER | | | POLE-MOUNT SITE AREA LIGHT | | |
| | FUSE | | | ILLUMINATED EXIT LIGHT (HATCHING/ARROW INDICATES FACE/DIRECTION) | CEILING OR SUSPENDED | |
| | DISCONNECT SWITCH (NON-FUSED) | | | | WALL - 96" AFF/AFG, UNO | |
| | DISCONNECT SWITCH (FUSED) | | | EMERGENCY BATTERY PACK LIGHT FIXTURE | WALL - 90" AFF/AFG, UNO | |
| | TRANSFER SWITCH | | | EMERGENCY REMOTE HEAD LIGHT FIXTURE | WALL - 90" AFF/AFG, UNO | |
| | TRANSFORMER | | S | LIGHT SWITCH (SUBSCRIPT INDICATES TYPE) | MOUNT AT 48", UNO | |
| | PANELBOARD | | | SINGLE POLE | | |
| | METER (SELF CONTAINED) | | | 3 - 3-WAY | | |
| | METER (WITH CURRENT TRANSFORMERS) | | | 4 - 4-WAY | | |
| | MOTOR (NUMBER INDICATES HORSEPOWER) | | | D - DIMMER | | |
| | GENERATOR | | OS - MOTION SENSOR (OCCUPANCY PROGRAMMING) | | | CEILING-MOUNT |
| | GROUND CONNECTION | | VS - MOTION SENSOR (VACANCY PROGRAMMING) | | | |
| | CONTINUATION | | RS VS | DUAL-TECHNOLOGY MOTION SENSOR | WALL-MOUNT 96" AFF, UNO. | |
| | | | HOS HVS | OCCUPANCY (AUTO-ON, AUTO-OFF) | | |
| | | | PC | PHOTOCELL SENSOR | | |
| | | | DL | DAYLIGHT SENSOR | | |
| | | | TC | TIME CLOCK | | |
| POWER - DISTRIBUTION | | | LIGHTING | | | |
| | PANELBOARD | | LC | LIGHTING CONTACTOR | | |
| | | | FIRE ALARM | | | |
| | TRANSFORMER | | FACP | FIRE ALARM CONTROL PANEL | | |
| | AUTOMATIC TRANSFER SWITCH | | FAAP | FIRE ALARM REMOTE ANNUNCIATOR | | |
| | MANUAL TRANSFER SWITCH | | NAC | NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL | | |
| | DISCONNECT SWITCH (NON-FUSED) | | S S | SMOKE DETECTOR (SUBSCRIPT INDICATES TYPE) | FOR WALL-MOUNT DETECTORS, MAXIMUM 12" BELOW CEILING | |
| | DISCONNECT SWITCH (FUSED) | | S - SOUNDER BASE | | | |
| | MANUAL MOTOR STARTER | | V - VISUAL BASE | | | |
| | MAGNETIC MOTOR STARTER | | C - COMBINATION CARBON MONOXIDE DETECTION | | | |
| | COMBINATION MAGNETIC MOTOR STARTER/DISCONNECT | | D - DUCT-MOUNT SMOKE DETECTOR | | | |
| | VARIABLE FREQUENCY DRIVE | | H H | HEAT DETECTOR | | |
| | GENERATOR | | C | CARBON MONOXIDE DETECTOR | | |
| | GROUND ROD | | F | MANUAL PULL STATION | MOUNT AT 42" - 48" AFF | |
| POWER - OUTLETS AND BRANCH DEVICES | | | | AUDIBLE [SPEAKER] NOTIFICATION DEVICE. | MOUNT AT 80" - 96" AFF, MIN 6" BELOW CEILING | |
| | SIMPLEX RECEPTACLE | MOUNT AT 18" AFF, UNO | | VISUAL [STROBE] NOTIFICATION DEVICE | MOUNT AT 80" - 96" AFF, MIN 6" BELOW CEILING | |
| | DUPLEX RECEPTACLE | MOUNT AT 18" AFF, UNO | | AUDIBLE-VISUAL [SPEAKER-STROBE] NOTIFICATION DEVICE. | MOUNT AT 80" - 96" AFF, MIN 6" BELOW CEILING | |
| | DUPLEX RECEPTACLE, ABOVE COUNTER | MOUNT AT 48" AFF, UNO | DH | DOOR HOLD-OPEN DEVICE | | |
| | GFCI DUPLEX RECEPTACLE | MOUNT AT 18" AFF, UNO | FS | SPRINKLER SYSTEM FLOW SWITCH | | |
| | DUPLEX RECEPTACLE, ABOVE COUNTER | MOUNT AT 48" AFF, UNO | TS | SPRINKLER SYSTEM TAMPER SWITCH | | |
| | TWO DUPLEX RECEPTACLES MOUNTED IN COMMON BOX | MOUNT AT 18" AFF, UNO | PS | SPRINKLER SYSTEM PRESSURE SWITCH | | |
| | SPECIAL PURPOSE RECEPTACLE, SUBSCRIPT INDICATES TYPE | MOUNT AT 18" AFF, UNO | SD | MOTORIZED [SMOKE] DAMPER | | |
| | JUNCTION BOX OR OUTLET BOX | | FSD | MOTORIZED [FIRE-SMOKE] DAMPER | | |
| | RECEPTACLE(S) IN RECESSED FLOOR BOX | | CM | CONTROL MODULE | | |
| | CEILING MOUNTED RECEPTACLE(S) | | MM | MONITOR MODULE | | |
| | MOTOR | | KNO | KNOX BOX | | |
| | HARD-WIRED EQUIPMENT CONNECTION | | TELEPHONE/DATA/COMMUNICATION | | | |
| SECURITY, ACCESS CONTROL | | | SCOPE OF WORK SHALL BE RACEWAY ONLY. FOR EACH WALL DEVICE LOCATION, PROVIDE RECESSED WALL-BOX AND 1" CONDUIT STUB WITH PULL STRING TO ACCESSIBLE ABOVE CEILING SPACE. FOR EACH CEILING DEVICE LOCATION, PROVIDE RECESSED CEILING BOX AND 3/4" CONDUIT TO NEAREST ACCESSIBLE ABOVE-CEILING SPACE. DEVICES, CABLING, EQUIPMENT, ETC. PROVIDED BY OTHERS. | | | |
| | DOOR CONTACT | | 7#D 7#V | TELEPHONE, DATA, OR COMBINATION OUTLET. #D #V SUBSCRIPT INDICATE NUMBER OF DATA AND TELEPHONE JACKS, RESPECTIVELY. | MOUNT AT 18" AFF, UNO | |
| | MOTION DETECTOR | | 7#D#V | | | |
| | CARD READER | | W | WIRELESS ACCESS POINT | | |
| | KEY PAD | | DR | DATA RACK (REF. TO RISER, SPECIFICATIONS FOR TYPE) | | |
| | DOOR STRIKE | | TVH | CABLE TELEVISION OUTLET | MOUNT AT 18" AFF, UNO | |
| | MAGNETIC LOCK | | • | PUSHBUTTON (SUBSCRIPT INDICATES TYPE) | MOUNT AT 48" AFF, UNO | |
| | COMBINATION HORN/STROBE NOTIFICATION DEVICE | | EPO - EMERGENCY POWER OFF | | | |
| | CCTV CAMERA (SUBSCRIPT INDICATES TYPE) | | DB - DOORBELL | | | |
| | | | HC - DOOR OPENER | | | |
| | | | EM - EMERG. TWO-WAY COMMS CALL STATION | | | |
| | | | AD | AUDIBLE/VISUAL DOORBELL CHIME | MOUNTING HEIGHT PER ADA | |
| | | | IC | INTERCOM STATION | | |
| | | | SP | SPEAKER | | |

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| GENERAL NOTES | | | |
| 1. | THE GENERAL NOTES APPLY TO ALL DRAWINGS UNDER THIS CONTRACT. REFER TO INDIVIDUAL DRAWINGS FOR ADDITIONAL NOTES. | | |
| 2. | ALL ELECTRICAL WORK SHOWN SHALL BE PROVIDED AS NEW UNLESS OTHERWISE NOTED. | | |
| 3. | DRAWINGS ARE DIAGNOSTIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. FOLLOW DRAWING IN LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES TO VERIFY SPACE CONDITIONS. MAINTAIN HEADROOM AND SPACE CONDITIONS. BRANCH CIRCUIT NUMBERS ARE FOR REFERENCE ONLY. CONTRACTOR SHALL DETERMINE THE CIRCUIT NUMBERS AND PROVIDE A SCHEDULE IN PANEL IDENTIFYING BRANCH CIRCUITS. | | |
| 4. | JUNCTION AND PULL BOXES SHALL GENERALLY BE LOCATED FOR FLUSH MOUNTING IN FINISHED SPACES. WHERE NECESSARY, CONDUITS SHALL BE PROVIDED OR OTHER ARRANGEMENTS MADE FOR CONCEALMENT. PULL BOXES SHALL BE PROVIDED AS INDICATED AND WHEREVER NECESSARY TO FACILITATE PULLING OF WIRE AND COORDINATE LOCATIONS WITH OTHER TRADES. COVERS OF JUNCTION AND PULL BOXES SHALL BE ACCESSIBLE. FOR EMPTY RACEWAY RUNS, PULL BOXES SHALL BE PROVIDED EVERY 100 FEET AND AS INDICATED OR NECESSARY. | | |
| 5. | BOXES SHALL BE SET SQUARE AND TRUE WITH BUILDING FINISH. WALL AND SWITCH OUTLETS SHALL BE ERECTED IN ADVANCE OF FURRING AND FIREPROOFING. BOXES SHALL BE SECURED TO BUILDING STRUCTURE BY ADJUSTABLE STRAP IRONS. | | |
| 6. | IN EXISTING BUILDINGS, ALL REQUIRED ACCESS DOORS SHALL BE FURNISHED AND INSTALLED UNDER THE ELECTRICAL SECTION. ALL ACCESS DOOR LOCATIONS SHALL BE FIELD COORDINATED WITH THE OWNER. | | |
| 7. | NO ELECTRICAL RACEWAYS OR CONDUCTORS SHALL BE INSTALLED WITHIN 3 INCHES OF STEAM OR HOT WATER PIPES, OR APPLIANCES, EXCEPT FOR CROSSING WHERE RACEWAYS SHALL BE AT LEAST 1 INCH FROM PIPE COVER. | | |
| 8. | SUFFICIENTLY LONG WIRE SLACK SHALL BE LEFT IN RUNS TO ALLOW FOR MAKING PROPER FINAL CONNECTIONS. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH #12 AWG STEEL DRAG WIRES. | | |
| 9. | REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF ALL HVAC EQUIPMENT. (AC UNITS, FANS, VAV BOXES, ETC). | | |
| 10. | REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION OF ALL PLUMBING EQUIPMENT. | | |
| 11. | ALL WIRING SHALL BE ROUTED IN AN ORGANIZED AND NEAT MANNER. | | |
| 12. | SUBMIT DIMENSIONED LAYOUTS OF ALL ELECTRIC EQUIPMENT WITH EQUIPMENT SUBMITTALS. | | |
| 13. | ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL RACEWAYS RUNS WITH EXISTING CONDITIONS AND INCLUDE ALL PULLBOXES, OFFSETS, CUTTING, PATCHING, PAINTING TO MATCH EXISTING, SUPPORTS, ETC., AS REQUIRED. | | |
| 14. | THE ROUTING AND LOCATION OF CONDUIT RUNS ARE GENERALLY NOT DIMENSIONAL ON THE DRAWINGS BUT SHALL BE DETERMINED IN THE FIELD TO SUIT THE LOCATIONS OF EQUIPMENT, TO CONFORM TO STRUCTURAL AND ARCHITECTURAL FEATURES AND TO AVOID INTERFERENCES. | | |
| 15. | ALL CUTTING AND RESTORATION OF SLAB AND FLOOR SHALL BE IN ACCORDANCE WITH STRUCTURAL ENGINEER'S REQUIREMENTS AND AS APPROVED BY ENGINEER. | | |
| 16. | ELECTRICAL CONTRACTOR SHALL VERIFY ALL PENETRATIONS, POKE THRU'S, AND EXISTING CONDUIT LOCATIONS PRIOR TO MODIFICATION. | | |
| 17. | ALL SIGHT EXPOSED ELECTRICAL DEVICES SHALL BE LOCATED AS PER ARCHITECT'S DRAWINGS AND/OR DISCRECTION. | | |
| 18. | WHERE CONDUIT OR JUNCTION BOXES ARE RUN IN SLAB, THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING, PATCHING, AND RESTORATION OF SLAB AND FLOOR. | | |
| 19. | ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LIGHT FIXTURES, REMOTE BALLASTS AND ASSOCIATED WIRING, SUPPORTS, HARDWARE, AND ACCESSORIES AS REQUIRED. | | |
| 20. | SYMBOLS AND LEGENDS SHOWN ON THIS DRAWING ARE FOR ELECTRICAL DRAWINGS ONLY. SEE ARCHITECTURAL DRAWINGS AND TRADE DRAWINGS FOR RESPECTIVE SYMBOLS AND LEGENDS. | | |
| 21. | THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL SLAB CUTS, FOUNDATION WALL PENETRATIONS, WALL OPENINGS, CORE DRILLING, ROOF PENETRATIONS, ETC. AND PATCHING AS REQUIRED TO PROVIDE ALL ELECTRICAL WORK. FOR FOUNDATION WALL PENETRATIONS PROVIDE 4"x4"x3" WELDED STEEL ANGLE BY THE CONTRACTOR AND APPROVED BY THE STRUCTURAL ENGINEER AND PROVIDE WATER PROOFING, ALL ROOF, TUNNEL AND FOUNDATION PENETRATIONS SHALL BE WATER PROOFED. COORDINATE WORK SO AS TO MAINTAIN ANY AND ALL WARRANTIES FOR ROOF SYSTEMS, FOUNDATIONS, ETC. | | |
| 22. | ALL TELEPHONE/DATA RACEWAYS SHALL BE PROVIDED WITH INSULATED END BUSHINGS. | | |
| 23. | SEPARATE RACEWAYS SHALL BE PROVIDED FOR CONDUCTORS OF NORMAL AND EMERGENCY CIRCUITS. | | |
| 24. | HORIZONTAL OR CROSS RUNS IN PARTITIONS OR WALLS ARE NOT PERMITTED. | | |
| 25. | THE ELECTRICAL CONTRACTOR SHALL NOT INSTALL MORE THAN THE NUMBER OF CIRCUITS SHOWN IN ANY HOMERUN CIRCUIT. | | |
| 26. | CONTRACTOR TO PROVIDE FIRE PROOFING AT ALL PENETRATIONS OF RATED PARTITIONS, FLOORS, AND WHERE THE EXISTING FIRE PROOFING WAS REMOVED TO EXPOSE EXISTING STEEL FOR NEW HANGER INSTALLATION. REFER TO SPECIFICATION SECTION FIRE PROOFING. | | |
| 27. | LOCATIONS INDICATED FOR LOCAL WALL SWITCHES ARE SUBJECT TO MODIFICATIONS. AT OR NEAR DOORS, INSTALL SWITCH ON SIDE OPPOSITE HINGE. VERIFY FINAL DOOR HINGE LOCATION IN FIELD PRIOR TO SWITCH OUTLET INSTALLATION.) | | |
| 28. | EXACT LOCATION OF LIGHTING FIXTURES SHALL BE IN ACCORDANCE WITH ARCHITECTURAL REFLECTED CEILING PLAN OR AS DIRECTED BY THE ARCHITECT. | | |
| 29. | THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL CEILING WORK WITH CEILING CONTRACTOR AND DETERMINE CEILING TYPE PRIOR TO THE PURCHASING AND INSTALLATION OF LIGHTING FIXTURES, SPEAKERS, SMOKE DETECTORS, EXIT LIGHTS, OR ANY OTHER CEILING MOUNTED ELECTRICAL ELEMENTS. THE ELECTRICAL CONTRACTOR SHALL ALSO COORDINATE ALL ELECTRICAL WORK WITH ELLOCATION OF DIFFUSERS AND SPRINKLERS AND OTHER MECHANICAL WORK. | | |
| 30. | EXACT LOCATION AND MOUNTING OF LIGHTING FIXTURES IN MECHANICAL AREAS SHALL BE COORDINATED WITH THE MECHANICAL TRADES TO AVOID CONFLICT WITH PIPING, DUCTS AND EQUIPMENT. IN GENERAL, THE FINAL LOCATION OF LIGHTING FIXTURES SHALL BE GOVERNED BY THE NEED OF TASK LIGHTING IN THE VICINITY OF PANEL BOARDS, MOTOR CONTROLS, CONTROL AND INSTRUMENT PANELS AND GAUGES. | | |
| 31. | LOCATIONS OF OUTLETS AND SWITCHES IN FINISHED ROOMS SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS OF INTERIOR DETAILS AND FINISHES. IN CENTERING OUTLETS AND LOCATING BOXES AND OUTLETS, ALLOW FOR OVERHEAD PIPES, DUCTS AND MECHANICAL EQUIPMENT. VARIATIONS IN FIREPROOFING AND PLASTERING, WINDOW AND DOOR TRIMS, PANELING, SUSPENDED CEILINGS AND THE LIKE, CORRECT ANY INACCURACY RESULTING FROM FAILURE TO DO SO WITHOUT ANY ADDITIONAL EXPENSE TO THE OWNER. | | |
| 32. | ALL RACEWAYS, WIRING, AND ASSOCIATED ELECTRICAL EQUIPMENT SHALL BE ROUTED CONCEALED EXCEPT IN UNFINISHED AREAS. | | |
| 33. | ALL EQUIPMENT, MATERIALS, ETC. SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL. REFER TO SPECIFICATIONS FOR ADDITIONAL ACTION SUBMITTAL AND SHOP DRAWING REQUIREMENTS. | | |
| 34. | PRIOR TO CONSTRUCTION, COORDINATE WITH LOCAL AHJ THE UL CONDITIONAL LISTING REQUIREMENTS FOR ALL JUNCTION BOXES UTILIZED IN RATED WALLS AND CEILINGS. | | |
| 35. | WHERE CONFLICTS EXIST BETWEEN THE INFORMATION INCLUDED IN THESE DRAWINGS OR BETWEEN INFORMATION PROVIDED IN THESE DRAWINGS AND THE PROJECT SPECIFICATIONS OR WITHIN THE PROJECT SPECIFICATIONS, THE MORE STRINGENT AND/OR HIGHEST COST REQUIREMENTS SHALL APPLY. SHOULD THE CONTRACTOR REQUIRE FURTHER CLARIFICATION, AN RFI SHALL BE SUBMITTED FOR CLARIFICATION. WHEN CONFLICTS DO EXIST, THE PROJECT ENGINEER OF RECORD SHALL HAVE THE SOLE DISCRETION AND RIGHT TO PROVIDE INTERPRETATION OF INTENT OF THE CONTRACT DOCUMENTS AS REQUIRED AND THIS INTERPRETATION SHALL SERVE TO DIRECT THE CONTRACTOR IN ACCORDANCE WITH THE IMPLIED INTENT OF THE CONSTRUCTION DOCUMENTS WITHOUT ADDITIONAL COST TO THE PROJECT. | | |
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| 10 | 11 | 12 | |
| ABBREVIATIONS | | | |
| A | AMPERE(S) | JB | JUNCTION BOX |
| AC | ALTERNATING CURRENT | KAIC | 1000 AMPERE INTERRUPTING CAPACITY |
| ADA | AMERICANS WITH DISABILITIES ACT | KCMIL | 1000 CIRCULAR MIL(S) |
| AFCI | ARC-FAULT CIRCUIT INTERRUPTER | KVA | KILOVOLT AMPERE(S) |
| AFF | ABOVE FINISHED FLOOR | KW | KILOWATT(S) |
| AFG | ABOVE FINISHED GRADE | LTG | LIGHTING |
| AHJ | AUTHORITY HAVING JURISDICTION | MC | MECHANICAL CONTRACTOR |
| ANSI | AMERICAN NATIONAL STANDARDS INSTITUTE | MCA | MINIMUM CIRCUIT AMPACITY |
| ATS | AUTOMATIC TRANSFER SWITCH | MCB | MAIN CIRCUIT BREAKER |
| AWG | AMERICAN WIRE GAUGE | MIC | MICROWAVE |
| BLDG | BUILDING | MISC | MISCELLANEOUS |
| C | CONDUIT | MIN | MINIMUM |
| C/BCKT BKR | CIRCUIT BREAKER | MFR | MANUFACTURER |
| CL | CLOSET | MH | MOUNTING HEIGHT |
| CLG | CEILING | MTD | MOUNTED |
| CKT | CIRCUIT | N | NEUTRAL |
| CO | CONDUIT ONLY | NC | NORMALLY CLOSED |
| CONC | CONCRETE | NEC | NATIONAL ELECTRIC CODE |
| COND | CONDUCTOR | NFPA | NATIONAL FIRE PROTECTION ASSOCIATION |
| CONST | CONSTRUCTION | NI | NIGHT LIGHT |
| CONT | CONTRACT | NO | NORMALLY OPEN |
| CP | CONTROL PANEL | NTS | NOT TO SCALE |
| CT | CURRENT TRANSFORMER | P | POLE |
| CU | COPPER | PB | PULL BOX |
| DED | DEDICATED | PC | PLUMBING CONTRACTOR |
| DISC | DISCONNECT | PH/Ø | PHASE |
| DISH | DISHWASHER | PNL | PANEL |
| DISP | DISPOSAL | PRI | PRIMARY |
| DIV | DIVISION | PWR | POWER |
| DT | DUAL TECHNOLOGY (IR/US) | QTY | QUANTITY |
| DWG | DRAWING | REC/RECEPT | RECEPTACLE |
| EA | EACH | REF | REFRIGERATOR |
| EC | ELECTRICAL CONTRACTOR | SEC | SECONDARY |
| ELEC | ELECTRIC | SPEC | SPECIFICATION |
| EMEMER | EMERGENCY | SW | SWITCH |
| ER | EXISTING TO RELOCATE | TEL | TELEPHONE |
| EXEXIST | EXISTING | TVSS | TRANSIENT VOLTAGE SURGE SUPPRESSION |
| F | FUSE | TYP | TYPICAL |
| FA | FIRE ALARM | UG | UNDERGROUND |
| FBO | FURNISHED BY OTHERS | UL | UNDERWRITER'S LABORATORIES |
| FDR | FEEDER | UNO | UNLESS NOTED OTHERWISE |
| FL | FLOOR | UON | UNLESS OTHERWISE NOTED |
| FLA | FULL LOAD AMPS | UPS | UNINTERRUPTIBLE POWER SUPPLY |
| FLUOR | FLUORESCENT | US | ULTRASONIC |
| FT | FEET | UV | ULTRAVIOLET |
| G/GND | GROUND | V | VOLT(S) |
| GC | GENERAL CONTRACTOR | VFA | VOLTTAMPERE(S) |
| GFI | GROUND FAULT INTERRUPTER | VFD | VARIABLE FREQUENCY DRIVE |
| HC | HUNG CEILING | W | WATT(S) |
| HOA | HAND-OFF-AUTO SELECTOR SWITCH | WP | WEATHERPROOF |
| HP | HORSEPOWER | | |
| IR | INFRARED | | |
| TYPICAL BRANCH DEVICE INFORMATION | | | |
| | | | |
| BRANCH CIRCUIT NOTES | | | |
| <ol style="list-style-type: none"> 1. CIRCUIT NUMBERS ARE FOR REFERENCE ONLY AND INDICATE THE DEVICES REQUIRED TO BE CONNECTED TO DESIGNATED CIRCUITS. 2. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND PROVIDING THE ACTUAL NUMBER OF CONDUCTORS REQUIRED FOR ALL BRANCH CIRCUIT WIRING TO SERVE THE INTENDED FUNCTION. 3. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY BALANCING LOADS ON ALL THREE PHASES. 4. ALL BRANCH CIRCUITS SHALL HAVE SEPARATE GROUND WIRE. 5. ALL BRANCH CIRCUITS SHALL HAVE SEPARATE NEUTRAL WIRE. 6. ALL BRANCH CIRCUITS SHALL BE SIZED PER OVERCURRENT PROTECTION RATING AND NEC REQUIREMENTS (INCLUDING NEC CONDUCTOR AMPACITY TABLES, ARTICLE 334.8, AND 338.10(B)(4)). 7. PROVIDE ARC-FAULT CIRCUIT PROTECTION PER NEC ARTICLE 210.12. | | | |
| Sheet Number | | Sheet Name | |
| E0.00 | | GENERAL NOTES & LEGENDS | |
| E0.01 | | ENERGY COMPLIANCE | |
| E1.00 | | SITE PLAN | |
| E1.01 | | POWER AND SYSTEMS PLAN | |
| E1.02 | | LIGHTING PLAN | |
| E2.01 | | ROOF PLAN | |
| E5.01 | | DETAILS | |
| E5.02 | | DETAILS | |
| E6.01 | | SCHEDULES & DIAGRAMS | |
| E6.02 | | SCHEDULES & DIAGRAMS | |
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| ABBREVIATIONS | | | |
| A | AMPERE(S) | JB | JUNCTION BOX |
| AC | ALTERNATING CURRENT | KAIC | 1000 AMPERE INTERRUPTING CAPACITY |
| ADA | AMERICANS WITH DISABILITIES ACT | | |
| ADFI | ARC-FAULT CIRCUIT INTERRUPTER | KCMIL | 1000 CIRCULAR MIL(S) |
| AFB | ABOVE FINISHED FLOOR | KVA | KILOVOLT AMPERE(S) |
| AFG | ABOVE FINISHED GRADE | KW | KILOWATT(S) |
| AHU | AUTHORITY HAVING JURISDICTION | LTG | LIGHTING |
| ANSI | AMERICAN NATIONAL STANDARDS INSTITUTE | MC | MECHANICAL CONTRACTOR |
| | | MCA | MINIMUM CIRCUIT AMPACITY |
| ATS | AUTOMATIC TRANSFER SWITCH | MCB | MAIN CIRCUIT BREAKER |
| AWG | AMERICAN WIRE GAUGE | MIC | MICROWAVE |
| BLDG | BUILDING | MISC | MISCELLANEOUS |
| C | CONDUIT | MIN | MINIMUM |
| CB/CKT BKR | CIRCUIT BREAKER | MFR | MANUFACTURER |
| CL | CLOSET | MH | MOUNTING HEIGHT |
| CLG | CEILING | MTD | MOUNTED |
| CKT | CIRCUIT | N | NEUTRAL |
| CO | CONDUIT ONLY | NC | NORMALLY CLOSED |
| CONC | CONCRETE | NEC | NATIONAL ELECTRIC CODE |
| COND | CONDUCTOR | NFPA | NATIONAL FIRE PROTECTION ASSOCIATION |
| CONST | CONSTRUCTION | | |
| CONT | CONTRACT | NL | NIGHT LIGHT |
| CP | CONTROL PANEL | NO | NORMALLY OPEN |
| CT | CURRENT TRANSFORMER | NTS | NOT TO SCALE |
| CU | COPPER | P | POLE |
| DED | DEDICATED | PB | PULL BOX |
| DISC | DISCONNECT | PC | PLUMBING CONTRACTOR |
| DISH | DISHWASHER | PH/Ø | PHASE |
| DISP | DISPOSAL | PNL | PANEL |
| DIV | DIVISION | PRI | PRIMARY |
| DT | DUAL TECHNOLOGY (R/US) | PWR | POWER |
| DWG | DRAWING | QTY | QUANTITY |
| EA | EACH | REC/RECEPT | RECEPTACLE |
| EC | ELECTRICAL CONTRACTOR | REF | REFRIGERATOR |
| ELEC | ELECTRIC | SEC | SECONDARY |
| EMEMER | EMERGENCY | SPEC | SPECIFICATION |
| ER | EXISTING TO RELOCATE | SW | SWITCH |
| EXEXIST | EXISTING | TEL | TELEPHONE |
| F | FUSE | TVSS | TRANSIENT VOLTAGE SURGE SUPPRESSION |
| FA | FIRE ALARM | TYG | TYPICAL |
| FBO | FURNISHED BY OTHERS | UP | UNDERGROUND |
| FDR | FEEDER | UL | UNDERWRITER'S LABORATORIES |
| FL | FLOOR | UL | UNLESS NOTED OTHERWISE |
| FLA | FULL LOAD AMPS | UNO | UNLESS OTHERWISE NOTED |
| FLUOR | FLUORESCENT | UPS | UNINTERRUPTIBLE POWER SUPPLY |
| FT | FEET | US | ULTRASONIC |
| G/GND | GROUND | UV | ULTRAVIOLET |
| GC | GENERAL CONTRACTOR | V | VOLT(S) |
| GFI | GROUND FAULT INTERRUPTER | UV | VOLTAIRVIOLET |
| HC | HUNG CEILING | V | VOLT(S) |
| HOA | HAND-OFF-AUTO SELECTOR SWITCH | VFD | VARIABLE FREQUENCY DRIVE |
| HP | HORSEPOWER | W | WATT(S) |
| IR | INFRARED | WP | WEATHERPROOF |

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| GENERAL NOTES & LEGENDS | | FRANKLIN CO. ANIMAL CONTROL FACILITY | |
| E0.00 | | GEORGE FRALEY PARKWAY WINCHESTER, TN 37398 | |
| GMC | | GMC # ANAS230037 | |
| Goodwyn Mills Cawood, LLC 3310 West End Avenue, Suite 420 Nashville, TN 37203 T 615.333.7200 GMCNETWORK.COM | | | |
|  genesis engineering group, llc 134 fourth avenue north Memphis, tn 38104 contact # 23-103 | | | |
| www.genesys.net | | | |
| ISSUE DATE | | PERMIT DOCUMENTS | |
| 12-12-2023 | | | |
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| DRAWN BY: GENESIS | | CHECKED BY: GENESIS | |