



Hight Jackson
ASSOCIATES
5201 W Village Parkway, Suite 3001, Rogers, Arkansas 72758 | (479) 464-4965 | www.hjarch.com

A RESTORATION FOR
RPS Administration Building
500 W Walnut St, Rogers AR 72756

DRAWN BY:
AS
CHECK BY:
MR
ISSUE DATE
11/25/2025

PROJECT NO.
2534

REVISION DATES
12/17/2025

ELECTRICAL LEGEND,
NOTES & DETAILS

S H E E T
E1.1

COPYRIGHT 2025
THESE DRAWINGS AND SPECIFICATIONS ARE
THE EXCLUSIVE PROPERTY OF
HIGHT JACKSON ASSOCIATES P.A.
USE OR REPRODUCTION IS PROHIBITED
WITHOUT WRITTEN CONSENT

 **HSAEngineering**
479 / 452 / 8922 office
7405 Ellis St.
Fort Smith, AR 72916
HSAConsultants.com

HSA JOB # 25-155

GENERAL ELECTRICAL NOTES
(CONTINUED.)

- B. FIRE ALARM:
 1. ALL FIRE ALARM OUTLET BOXES ARE TO BE PAINTED RED.
 2. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING BREAKER LOGS FOR ALL FIRE ALARM PANEL BREAKERS IN THE "ON" POSITION.
 3. THE FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING A PLAN BOX NEXT TO THE FIRE ALARM CONTROL PANEL. COORDINATE EXACT SIZE AND LOCATION OF BOX WITH THE CITY FIRE MARSHAL PRIOR TO INSTALLATION.
 4. INSTALL FIRE ALARM SYSTEM PER N.F.P.A. AND ALL STATE AND LOCAL ORDINANCES.
 5. FURNISHING ALL DEVICES AND SYSTEMS NECESSARY FOR A COMPLETE ACCEPTABLE SYSTEM. NO EXTRA CHARGES WILL BE ALLOWED, OUTSIDE OF THE CONTRACT PRICE.
 6. THE FIRE ALARM CONTRACTOR IS TO SUBMIT PLANS TO THE FIRE MARSHAL FOR FINAL APPROVAL PRIOR TO BEGINNING CONSTRUCTION.
 7. DUCT DETECTORS ARE SUPPLIED AND INSTALLED BY THE FIRE ALARM CONTRACTOR. IT IS THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR TO FURNISH ALL WIRING NECESSARY TO CONNECT THESE DEVICES TO THE FIRE ALARM SYSTEM. PROVIDE WITH REMOTE INDICATOR OR SEPARATELY ZONED. COORDINATE QUANTITY AND LOCATION WITH THE MECHANICAL DRAWINGS.
- C. CONDUIT AND CABLE SYSTEM FOR DATA AND TELEPHONE WIRING.
 1. CONDUIT FOR DATA AND TELEPHONE SYSTEM, TO INCLUDE SLEEVES IN FIRE WALLS.
 2. DATA OUTLETS IN THE FLOOR REQUIRE 1" CONDUIT FROM EACH ONE TO A POINT ABOVE AN ACCESSIBLE CEILING. NO DAISY CHAINING OF DATA OUTLETS/CONDUITS IS ALLOWED.
 3. CABLE IS NOT TO BE INSTALLED EXPOSED. INSTALL PLENUM RATED CABLES THROUGHOUT ENTIRE BUILDING. VERIFY WITH MECHANICAL PLANS.
 4. ELECTRICAL CONTRACTOR IS TO PROVIDE, INSTALL, AND TERMINATE ALL DATA/TELEPHONE WIRING. REFER TO SPECIFICATIONS FOR EXACT REQUIREMENTS.
- D. GROUNDING SYSTEM
 1. ALL CONDUITS ARE TO CONTAIN A GREEN GROUNDING CONDUCTOR, SIZED PER THE N.E.C.
 2. GROUND BUILDING STEEL AS INDICATED ON DRAWINGS.
- E. EQUIPMENT REQUIREMENTS:
 1. VERIFY EXACT FUSE SIZE AND EQUIPMENT REQUIREMENTS WITH THE ACTUAL EQUIPMENT FURNISHED BY THE OTHER CONTRACTORS.
 2. FINAL EQUIPMENT CONNECTIONS: THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS REQUIRED TO MAKE FINAL ELECTRICAL CONNECTIONS TO ALL EQUIPMENT FURNISHED ON THIS PROJECT. VERIFY ALL REQUIREMENTS, CONDUCTOR SIZES, OVERCURRENT PROTECTION, PHASES, VOLTAGES, MOTOR ROTATION, ETC., WITH THE EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN. PROVIDE FUSED DISCONNECT IF REQUIRED BY MANUFACTURER. FURNISH HARD WIRING FOR ALL WATER HEATERS AND CIRCULATION PUMPS.
 3. THE ELECTRICAL CONTRACTOR IS TO PROVIDE ALL CONTACTORS, MAGNETIC STARTERS, AND MISCELLANEOUS WIRING NECESSARY TO CONTROL EXHAUST FANS AND OTHER AUTOMATICALLY OPERATED EQUIPMENT. THE CONTROLS CONTRACTOR IS TO FURNISH ONE RELAY PER ITEM AS COMPATIBLE WITH THEIR CONTROL SYSTEM.
- F. HVAC CONTROL:
 1. THE ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT FROM EACH HVAC UNIT TO ITS RESPECTIVE THERMOSTAT, HUMIDISTAT, AND/OR SENSOR, AS REQUIRED. COORDINATE EXACT LOCATIONS WITH MECHANICAL CONTRACTOR AND ARCHITECT PRIOR TO ROUGH-IN.
 2. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT AND WIRING NECESSARY FOR LINE VOLTAGE CONTROL SYSTEMS.
 3. ALL LOW VOLTAGE CONTROL WIRING SHALL BE ENCLOSED IN CONDUIT IN SPACES WITH NO CEILING.
 4. COORDINATE ALL HVAC WIRING WITH THE MECHANICAL DRAWINGS AND THE MECHANICAL CONTRACTOR.
 5. THE ELECTRICAL CONTRACTOR IS TO PROVIDE A MAGNETIC STARTER FOR EACH EXHAUST FAN. THIS STARTER IS CONTROLLED BY THE LIGHTING/MOTION SENSOR SYSTEM.
 6. THE ELECTRICAL CONTRACTOR IS TO PROVIDE AND INSTALL ALL LINE VOLTAGE THERMOSTATS.
- G. SECURITY CAMERAS:
 1. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT FOR SECURITY CAMERAS SHOWN ON THE PLANS.
 2. THE OWNER VENDOR CONTRACTOR SHALL PROVIDE THE SECURITY CAMERA SYSTEM WIRING AND ALL OF ITS COMPONENTS.
- H. ACCESS CONTROL:
 1. CONTRACTOR IS RESPONSIBLE FOR PROVIDING 120 VOLT POWER TO EACH ACCESS CONTROL CABINET LOCATED IN THE DATA ROOM AND AT EACH DOOR. CONDUIT AT DOORS WITH LOCKS IS TO BE INSTALLED CONCEALED IN THE WALL.
 2. ACCESS CONTROL SYSTEMS IS PROVIDED BY THE OWNER VENDOR CONTRACTOR. COORDINATE ALL REQUIREMENTS.

GENERAL ELECTRICAL NOTES-ALL SHEETS
THESE NOTES ARE ONLY A SUPPLEMENT TO THE SPECIFICATIONS

1. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR A COMPLETE WORKING INSTALLATION.
2. THIS CONTRACTOR IS TO COMPLY WITH THE STATE ADOPTED ADA ACCESSIBLE GUIDELINES IN REGARD TO ACCESSIBLE FEATURES.
3. AT ALL MILLWORK LOCATIONS COORDINATE THE ELECTRICAL INSTALLATION WITH THE ARCHITECTURAL DRAWINGS.
4. PROVIDE FIRE RATED CAULKING WHERE CONDUIT OR OTHER ELECTRICAL ITEMS PASS THROUGH FIRE-RATED WALLS, CEILINGS AND FLOORS.
5. INSTALL ALL CONDUIT STRAIGHT AND PARALLEL WITH THE BUILDING LINES. ALL CONDUIT IS CONCEALED IN PUBLIC PLACES.
6. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL PERMIT AND FEE COSTS AND SHALL INCLUDE THESE COSTS IN THE BID PRICE FOR THIS PROJECT.
7. THE ENTIRE ELECTRICAL INSTALLATION SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES AND ORDINANCES. IF A CONFLICT IS FOUND BETWEEN APPLICABLE CODES, THE MORE STRINGENT SHALL APPLY. THE CONTRACTOR SHALL BE COMPLETELY FAMILIAR WITH ALL APPLICABLE MUNICIPAL CODES AND ORDINANCES.
8. THE SUBMISSION OF A PROPOSAL WILL BE CONSIDERED EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED THEMSELVES WITH THE DRAWINGS, SPECIFICATION BOOK, THE BUILDING SITE AND OTHER INFORMATION PRESENTED FOR THE CONSTRUCTION OF THIS PROJECT. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIALS AND LABOR BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED IF THEY COULD HAVE BEEN FORESEEN HAD A COMPLETE AND THOROUGH EXAMINATION BEEN MADE.
9. DO NOT SCALE DIRECTLY FROM THE ELECTRICAL DRAWINGS. REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION.
10. THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR WHICH MATERIALS ARE FURNISHED, FABRICATED OR OTHERWISE PROVIDED BY THE CONTRACTOR SHALL EXIST FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL OWNER ACCEPTANCE OF THE WORK AND SHALL APPLY TO ALL DEFECTS IN MATERIALS AND/OR WORKMANSHIP OF ANY KIND.
11. WHERE JOB CONDITIONS REQUIRE CHANGES FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OR NATURE OF THE WORK REQUIRED, THE CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT ADDITIONAL COST TO THE OWNER. NO OTHER CHANGES WILL BE MADE WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE OWNER.
12. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE WITH ALL OTHER TRADES TO INSURE THAT ALL CIRCUITS AND DEVICES ARE OF A PROPER SIZE FOR ACTUAL EQUIPMENT FURNISHED. THE ENGINEER SHALL BE NOTIFIED OF ANY CONFLICT WHICH CAUSES CHANGES TO ANY SYSTEM AS DESIGNED ON THESE DRAWINGS. FAILURE ON THE PART OF THE CONTRACTOR TO NOTIFY THE ENGINEER OR ARCHITECT OF SUCH CONFLICTS PLACES THE SUBSEQUENT CHANGES UPON THE CONTRACTOR.
13. WHEN INSTALLING POLE BASES OR UNDERGROUND UTILITIES, FIELD VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES. EXACT LOCATION OF POLE BASES AND CONDUIT TO BE DETERMINED IN THE FIELD.
14. THE ELECTRICAL CONTRACTOR IS TO PROVIDE, AT YET TO BE DECIDED LOCATIONS, FIVE (5) CONDUIT STUB-UPS, WHICH ARE TO INCLUDE 4" OUTLET BOXES, PLASTER RINGS, COVER PLATES, AND CONDUIT TO ABOVE THE CEILING, THREE ONE GANG AND TWO TWO GANG. IN ADDITION, PROVIDE FIVE (5) SINGLE GANG STUB-UPS WHICH ARE TO INCLUDE 4" OUTLET BOXES, PLASTER RINGS, COVER PLATES, INCLUDING ONE RECEPTACLE OR SWITCH WITH 50 FEET OF CIRCUIT WIRING PER SINGLE GANG STUB-UP. COMBINED TOTAL NUMBER OF STUB-UPS REQUIRED IS TEN (10).
15. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING SYSTEMS:
 - A. POWER AND LIGHTING
 1. ALL DEVICE PLATES ARE STAINLESS STEEL. COLOR OF DEVICES ARE TO BE GRAY.
 2. ALL 20A 120V AND 250V NON-LOCKING TYPE RECEPTACLES, UNLESS OTHERWISE NOTED, SHALL BE TAMPER RESISTANT TYPE PER NEC 408.12.
 3. WHERE DEVICES ARE SHOWN NEXT TO EACH OTHER, THEY ARE INTENDED TO BE GANGED. FIELD VERIFY ACTUAL SPACE AVAILABLE AND NOTIFY THE ARCHITECT WHERE THERE ARE SPACE CONFLICTS.
 4. LOW VOLTAGE WIRING IS TO BE ENCASED IN CONDUIT IN AREAS WITH NO CEILING.
 5. RECEPTACLES FOR EQUIPMENT SUCH AS ELECTRIC WATER COOLERS SHALL BE LOCATED IN THE WALL AT A LOCATION WHICH IS CONCEALED BY THE EQUIPMENT CABINET.
 6. ALL EMPTY CONDUITS ARE TO CONTAIN A NYLON PULL STRING. EMPTY CONDUITS 2" AND LARGER ARE TO BE SWABBED OUT AND LEFT WITH A NYLON PULL ROPE FOR THE USE OF THE OWNER.
 7. COVER PLATES FOR EXTERIOR RECEPTACLES ARE TO BE METAL, WEATHER PROOF WHILE IN USE.
 8. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL DRIVER AND LAMP COMBINATIONS THAT WILL PROVIDE THE OWNER WITH A FIVE YEAR WARRANTY ON THE DRIVER.
 9. COORDINATE WITH THE GENERAL CONTRACTOR AND THE INSULATION CONTRACTOR TO HOLD THE BATT INSULATION AWAY FROM ALL LAY-IN FIXTURES. CLEARANCE SHOULD BE 3" ON ALL SIDES, AND TOTALLY CLEAR ON THE TOP.
 10. ROOM NUMBERS USED IN THE PANEL SCHEDULES ARE TO REFLECT ROOM NUMBERS ON THESE DRAWINGS.
 11. OCCUPANCY SENSORS ARE TO BE LAID OUT BY THE LIGHTING REPRESENTATIVE FURNISHING THE EQUIPMENT HSA WILL PROVIDE AUTO CAD DRAWINGS AS NECESSARY. ELECTRICAL CONTRACTOR RESPONSIBLE FOR LOCATION DETAILS AND MOUNTING. SENSORS SHOWN ARE FOR REFERENCE ONLY.
 12. WHERE INDIRECT (SUSPENDED) LIGHTING IS USED, THE ELECTRICAL CONTRACTOR SHALL CONTRACT WITH THE CEILING CONTRACTOR TO PROVIDE THE NECESSARY TIES TO THE STRUCTURE ABOVE AT EACH POINT OF ATTACHMENT OF THE FIXTURE HANGERS.
 13. FOR DEVICE LOCATIONS AT FURRED OUT CMU WALLS BACK BOXES ARE TO HAVE A MAXIMUM DEPTH OF 1 1/2".
 14. WIRE SIZES:

<u>WIRE SIZE 120V</u>	
A. #12 LESS THAN 75 FEET	
B. #10 BETWEEN 75-150 FEET	
C. #8 BETWEEN 150-250 FEET	
D. #6 BETWEEN 250-375 FEET	

LEGEND

-  DUPLEX RECEPTACLE (NEMA 5-20R) OR-DOUBLE DUPLEX, TAMPER RESISTANT, COMMERCIAL SPECIFICATION GRADE.
-  DUPLEX RECEPTACLE GROUND FAULT NEMA 5-20R, TAMPER RESISTANT, COMMERCIAL SPECIFICATION GRADE.
-  WIRELESS INTERNET EQUIPMENT FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTOR. FURNISH AND INSTALL TWO DATA CABLES.
-  DATA: REQUIRES 4" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE. MINIMUM OF ONE DATA CABLES AT EACH LOCATION SHOWN UNLESS OTHERWISE NOTED.
-  MOTOR RATED SWITCH USED FOR EQUIPMENT DISCONNECTING MEANS. SINGLE PHASE. PROVIDE WITH THERMAL OVERLOAD SIZED PER MOTOR LOAD.
-  WIRELESS SWITCH, TWO BUTTON
-  WIRELESS DIMMER SWITCH, TWO BUTTON PLUS UP AND DOWN.
-  WIRELESS CEILING MOUNT OCCUPANCY SENSOR
-  EXIT LIGHT - ARROW DENOTES INCLUSION OF ARROW ON LENS. CONTRACTOR TO COORDINATE PROPER MOUNTING DETAILS.
-  PHOTOLUMINOUS EXIT SIGN
-  THERMOSTAT, MOUNT @ 48" A.F.F. TO CENTER OF BOX (NUMBER DENOTES HVAC UNIT).
-  SENSOR, MOUNT @ 48" TO CENTER IN SEPARATE SINGLE GANG BOX.
-  SECURITY CAMERA PROVIDED AND INSTALLED BY OWNER VENDOR CONTRACTOR.
-  CARD READER PROVIDED AND INSTALLED BY OWNER VENDOR CONTRACTOR. FURNISH 120 VOLTS FROM THE NEAREST RECEPTACLE CIRCUIT. VERIFY WITH SECURITY CONTRACTOR.
-  ELECTRICAL PANEL.
-  BRANCH CIRCUIT HOMERUN. PANEL AND CIRCUIT NUMBER INDICATED.
-  DUCT DETECTOR-FURNISHED AND INSTALLED BY THE FIRE ALARM CONTRACTOR. COORDINATE QUANTITY AND LOCATION WITH MECHANICAL PLANS.
-  FIRE ALARM MODULE FOR CONTROL; PROVIDE ALL LOW VOLTAGE WIRING.
-  PHOTOELECTRIC SMOKE DETECTOR. CEILING MOUNTED
-  HEAT DETECTOR. CEILING MOUNTED
-  CEILING FIRE ALARM VISUAL STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.
-  WALL MOUNT FIRE ALARM VISUAL STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.
-  WALL MOUNT FIRE ALARM HORN/STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.
-  CEILING FIRE ALARM HORN/STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.

DETAIL NUMBER
Ex.X

SUBSCRIPTS:
 C = COORDINATE LOCATION WITH MILLWORK-MOUNTING HEIGHTS VARY. REFER TO THE ARCHITECTURAL MILLWORK DRAWINGS.
 K = LOCATED IN KNEE SPACE; COORDINATE LOCATION WITH MILLWORK-MOUNTING HEIGHTS VARY. REFER TO THE ARCHITECTURAL MILLWORK DRAWINGS.
 W = WALL MOUNTED @ 48" A.F.F.-OR AS SHOWN.
 GFI = GROUND FAULT CIRCUIT INTERRUPTER.
 WP = WEATHER RESISTANT RECEPTACLES ARE "GFI" WITH METAL WEATHER RESISTANT "WHILE-IN-USE" COVERS.
 MN = MICROWAVE OVEN.
 GD = GARBAGE DISPOSER.
 EM = FIXTURE CONTAINS EMERGENCY BATTERY PACK.
 EC = ELECTRICAL CONTRACTOR
 AFF = ABOVE FINISHED FLOOR
 AFG = ABOVE FINISHED GRADE
 EWC = ELECTRIC WATER COOLER
 EWH = ELECTRIC WATER HEATER
 NTS = NOT TO SCALE