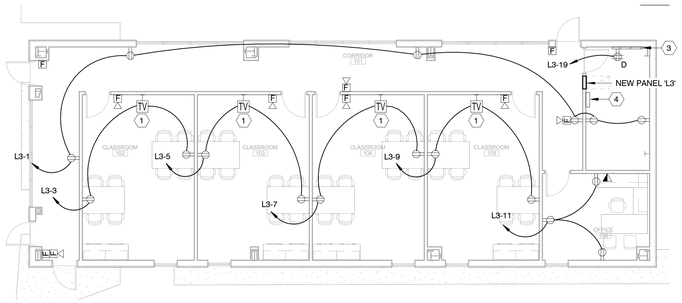
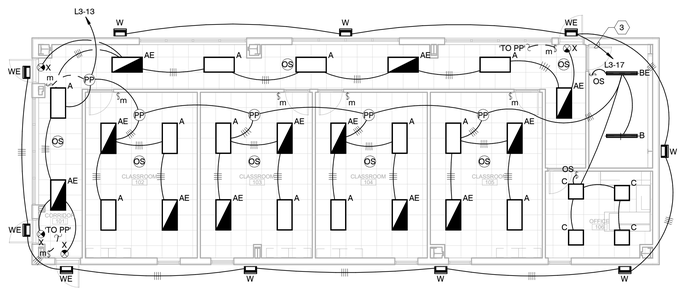
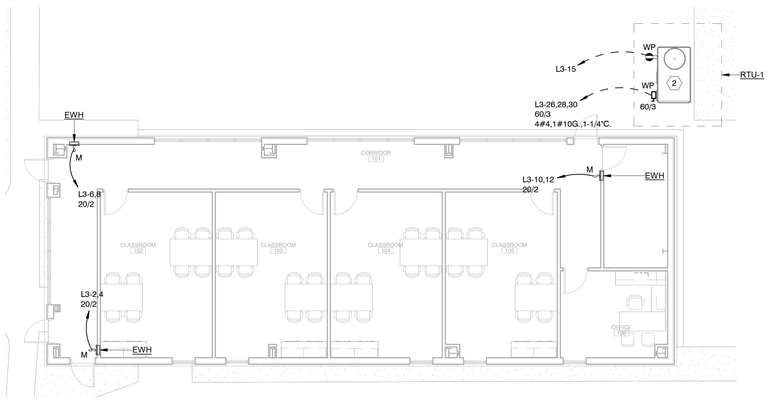


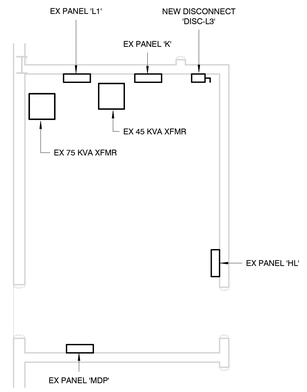
1 E100-I CLASSROOM FLOOR PLAN - ELECTRICAL
1/8" = 1'-0"



2 E100-I CLASSROOM FLOOR PLAN - LIGHTING
1/8" = 1'-0"



3 E100-I CLASSROOM FLOOR PLAN - HVAC CONNECTIONS - ELECTRICAL
1/8" = 1'-0"



4 E100-I ENLARGED EXISTING ELECTRICAL ROOM
1/4" = 1'-0"

GENERAL NOTES:
(APPLY TO THIS SHEET ONLY)

1. ALL DEVICES SHALL BE CONSIDERED NEW UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES.
2. ALL NEW DEVICES & COVER PLATE COLOR/FINISHES SHALL BE SELECTED BY ARCHITECT.
3. VERIFY ELECTRICAL REQUIREMENTS & RECEPTACLE NEMA TYPES FOR TENANT PROVIDED EQUIPMENT WITH TENANT PRIOR TO ROUGH-IN AND INSTALLATION.
4. ALL G.F.C.I. RECEPTACLES SHALL BE READILY ACCESSIBLE IN ACCORDANCE WITH NEC 210.8(B). WHERE A G.F.C.I. RECEPTACLE IS SHOWN BUT WILL NOT BE READILY ACCESSIBLE, CONTRACTOR SHALL PROVIDE A G.F.C.I. CIRCUIT BREAKER IN LIEU OF A G.F.C.I. RECEPTACLE.
5. DRAWING IS FOR DESIGN INTENT PURPOSES ONLY. COORDINATE EXACT CONDUIT ROUTING IN THE FIELD WITH ALL OTHER TRADES. UPSIZE CONDUCTORS SUCH THAT VOLTAGE DROP DOES NOT EXCEED MORE THAN 3%.
6. CIRCUIT NUMBERS ARE SHOWN FOR DESIGN INTENT PURPOSES ONLY.FIELD VERIFICATION WILL DETERMINE EXACT BRANCH CIRCUITS AVAILABLE FOR USE. REUSE EXISTING CIRCUITS THAT ARE MADE AVAILABLE DURING RENOVATION BEFORE USING AVAILABLE SPARES.
7. FIELD VERIFICATION WILL DETERMINE EXACT BRANCH CIRCUITS AVAILABLE FOR USE. REUSE EXISTING CIRCUITS THAT ARE MADE AVAILABLE DURING RENOVATION BEFORE USING AVAILABLE SPARES. PROVIDE AN UPDATED, PRINTED PANEL SCHEDULE FOR ALL PANELS MODIFIED DURING CONSTRUCTION.
8. COORDINATE FINAL TERMINATION POINTS OF ALL TEL/DATA AND LOW VOLTAGE CONDUITS WITH OWNER AND OWNER'S VENDOR PRIOR TO ROUGH-IN AND INSTALLATION. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH PULLSTRING AND BUSHINGS AT THE TERMINATIONS.
9. HATCHING INDICATES AREA NOTE IN SCOPE OF WORK.
10. ALL LIGHT FIXTURES AND DEVICES SHALL BE CONSIDERED NEW UNLESS NOTED OTHERWISE.
11. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LIGHT FIXTURE AND DEVICE LOCATIONS AND MOUNTING REQUIREMENTS. COORDINATE FIXTURE MOUNTING REQUIREMENTS WITH ARCHITECTURAL RCPs.
12. LIGHT FIXTURES WITHIN ENCLOSED SPACES WITH ONE (1) WALL SWITCH SHALL BE CONTROLLED BY THE SWITCH IN THAT SPACE. LIGHTING ZONES IN AREAS WITH MULTIPLE SWITCHES ARE DESIGNATED BY A LOWERCASE LETTER (E.G. a, b, c) AT THE SWITCH AND CORRESPONDING POWER/RELAY PACK.
13. DRAWING IS FOR DESIGN INTENT PURPOSES ONLY AND MAY NOT SHOW EVERY LIGHTING CONTROL COMPONENT AND POWER CONNECTIONS THAT MAY BE REQUIRED. COORDINATE EXACT COMPONENTS REQUIRED PRIOR TO BID WITH THE LIGHTING CONTROLS MANUFACTURER. PROVIDE ALL ANCILLARY POWER SUPPLIES, MODULES, AND ADDITIONAL COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION. PROVIDE ALL REQUIRED POWER CONNECTIONS REQUIRED. SHOP DRAWINGS SHALL INCLUDE ALL DEVICES AND POWER CONNECTIONS REQUIRED FOR A COMPLETE INSTALLATION.
14. LIGHTING CONTROL DEVICE LOCATIONS ARE DIAGRAMMATIC AND FOR DESIGN INTENT PURPOSES ONLY. PROVIDE FULLY-COORDINATED SHOP DRAWINGS DEPICTING THE LOCATIONS OF ALL LIGHTING CONTROL DEVICES. COORDINATE LOCATION OF CEILING MOUNTED DEVICES WITH LIGHT FIXTURE, DIFFUSER, SPRINKLER HEADS, AND ALL OTHER TRADES. FIELD COORDINATE FINAL LOCATION OF ALL LIGHTING CONTROL DEVICES WITH ARCHITECTURAL RCPs. ALL ABOVE CEILING LIGHTING CONTROL DEVICES SHALL BE LOCATED ABOVE ACT CEILINGS AND SHALL BE ACCESSIBLE.
15. ALL LIGHTING CONTROLS CABLING (0-10V DIMMING WIRES, ETHERNET CABLING, CONTROLS CABLING, ETC.) SHALL BE ROUTED IN CONDUIT IN AREAS SCHEDULED FOR HARD-LID/GYPSUM BOARD CEILINGS OR IN AREAS SCHEDULED TO BE OPEN TO STRUCTURE.

(#) LEGEND NOTES:
(APPLY TO THIS SHEET ONLY)

1. WALL-MOUNTED TELEVISION. PROVIDE WITH RECESSED DUPLEX CLOCK OUTLET, AND TWO WALL-MOUNTED JUNCTION BOXES, EACH WITH 1-1/4"" CONDUIT TO ABOVE ACCESSIBLE CEILING FOR DATA AND AV CONNECTIONS.
2. PROVIDE ELECTRICAL CONNECTIONS FOR DUCT MOUNTED SMOKE DETECTORS AS NEEDED. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR. PROVIDE CONNECTION TO AVAILABLE BREAKER IN 20A/1P BREAKER IN 208/120V PANEL 'L1'.
3. PROVIDE 4'X8'X3/4" FIRE-RATED A/C PLYWOOD BACKBOARD, MOUNT TIGHT TO CEILING, COORDINATE EXACT LOCATION WITH THE ARCHITECT AND THE TENANTS LOW VOLTAGE VENDOR. PROVIDE (1) #6 AWG CU GROUND TO THE EXISTING BUILDING GROUNDING ELECTRODE SYSTEM. PROVIDE 1/4"X2"X12" COPPER GROUND BAR, CHARGER GBI SERIES OR EQUAL. COORDINATE WITH ARCHITECT IF BACKBOARD IS TO BE PAINTED. IF PAINTED A MINIMUM OF ONE FIRE RATING STAMP SHALL BE VISIBLE.
4. LOCATION OF NEW EXTERIOR LIGHTING CONTROL. WATTSTOPPER 'LMCP-8' SERIES WITH ASTRONOMICAL TIMECLOCK AND PHOTOCELL OVERRIDE
5. ROUTE CIRCUIT THROUGH EXISTING LIGHTING CONTROL PANEL CALLED OUT IN LEGEND NOTE #4 ABOVE. COORDINATE SCHEDULING WITH OWNER.

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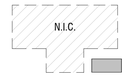
Rev	Date	Comments
	05/22/2026	Permit & Bid Set

Client:
Fannin County

Project Number: 24184
Project Name:
Fannin County Rec Center - Phase I

580 Winding Drive
Blue Ridge, Georgia 30513

Key Plan:



Sheet Title:
CLASSROOM FLOOR PLANS - ELECTRICAL

Sheet Number:
E100-I

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