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09/11/2026

GEORGIA REGISTERED No. PE034794 PROFESSIONAL ENGINEER KYLE T. BRANHAM

REVISIONS

#	DATE

A NEW
EMS
FACILITY
FOR:

OCONEE
COUNTY

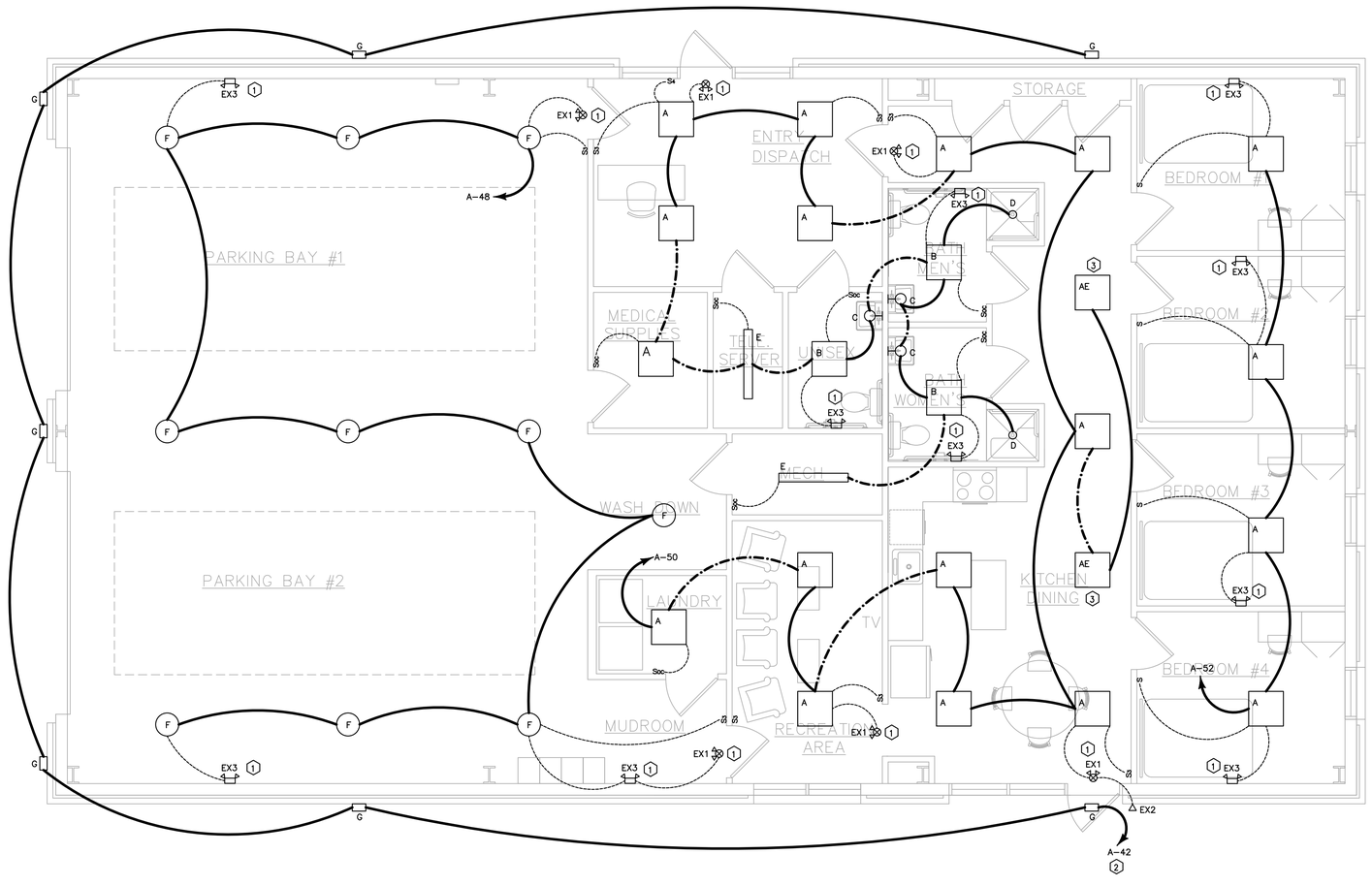
WATKINSVILLE,
GEORGIA

KEY NOTES:

1. EMERGENCY LIGHT FIXTURES SHALL BE UNSWITCHED.
2. EXTERIOR LIGHTS SHALL BE CONTROLLED VIA PE CELL AND TIME–CLOCK.
3. FIXTURE AE SHALL BE UNSWITCHED AND ENERGIZED AT ALL TIMES.

GENERAL ELECTRICAL NOTES

1. THESE DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL ELECTRICAL LAYOUTS FOR BIDDING PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE DETAILED SHOP DRAWINGS AND TO CONFIRM SPACE ALLOCATIONS.
2. CONTRACTOR SHALL COORDINATE INSTALLATION FOR ALL EQUIPMENT PROVIDED BY OTHERS. USE LATEST EDITION OF VENDOR DRAWINGS FOR MODEL NUMBERS AND REQUIREMENTS FOR A COMPLETE OPERABLE SYSTEM. CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR A COMPLETE OPERABLE SYSTEM.
3. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL BUILDING DIMENSIONS, DETAILS, ELEVATIONS AND EXACT LOCATIONS OF FIXTURES.
4. CONTRACTOR SHALL VERIFY VOLTAGES AVAILABLE PRIOR TO ROUGHING IN.
5. MOUNTING HEIGHTS AS INDICATED ON DRAWINGS SHALL BE FROM THE FINISHED FLOR TO THE CENTER LINE OF THE OUTLET BOX.
6. PANELBOARD AND SAFETY DISCONNECTS SHALL BE EASILY ACCESIBLE AND MAINTAIN ALL SERVICE CLEARANCE PER NEC.
7. THE ELECTRICAL DRAWINGS ARE ONLY A PART OF THE CONTRACT DOCUMENTS. ALL OF THE DRAWINGS AND SPECIFICATIONS MUST BE REVIEWED FOR THEIR INTER–RELATIONSHIP AND REQUIRED COORDINATION BETWEEN TRADES.
8. ALL WORK SHALL CONFORM TO APPLICABLE NEC, LOCAL BUILDING CODES, AND STATE HEALTH REGULATIONS HAVING JURISDICTION, AND STATE AMENDMENTS TO BUILDING CODE.
9. IN AREAS WHERE ELECTRICAL OUTLETS ARE LOCATED BENEATH A WINDOW AND THE WINDOW PREVENTS ROUTING OF CONDUIT UP THE WALL; CONDUIT SHALL BE ROUTED TO A WALL WHICH ALLOWS CONDUIT TO RISE UP TO CEILING SPACE.
10. ALL CONDUIT ROUTED FROM PANELBOARD TO DISCONNECTS AT EXTERIOR HVAC UNITS OR ANY OTHER EQUIPMENT SHALL BE ROUTED BELOW GRADE. TRANSITION FROM GRADE TO EQUIPMENT TO MAKE A SEALTIGHT CONNECTION.
11. ALL FLUSH RECESSED OUTLET BOXES SHALL BE INSTALLED SUCH THAT FRONT EDGE OF BOX WILL NOT BE SET BACK OF THE FINISHED SURFACE MORE THAN 1/4" IN ORDER TO COMPLY WITH N.E.C. 314–20. SUPPORT OF OUTLET BOX BY RECEPTACLE AND COVERPLATE IS NOT ACCEPTABLE.
12. ALL CONDUIT, OUTLET BOXES, AND LOW VOLTAGE CABLING SHALL BE APPROPRIATELY SUPPORTED THROUGHOUT THE PROJECT. SUPPORT OF THESE ITEMS BY CEILING GRID OR GRID SUPPORT WIRES IS NOT ACCEPTABLE.
13. ALL RECEPTACLES LOCATED WITHIN 6'–0" TO THE EDGE SINK OR OTHER WATER SOURCE SHALL BE GFCI TYPE DEVICE IN ACCORDANCE WITH N.E.C 210–8.A.7. COORDINATE LOCATIONS WITH ARCHITECTURAL AND PLUMBING DRAWINGS PRIOR TO ROUGH–IN.
14. COORDINATE EXACT LOCATION OF ALL MECHANICAL AND PLUMBING EQUIPMENT WITH DIVISION 23 PRIOR TO ROUGH IN. ADJUST LOCATION OF DISCONNECTING MEANS AND BRANCH CIRCUITRY AS REQUIRED.
15. PRIOR TO PROJECT COMPLETION, ELECTRICAL CONTRACTOR SHALL OBTAIN FINAL SPACE NUMBERS FROM OWNER AND/OR ARCHITECT. TYPEWRITTEN PANELBOARD DIRECTORIES SHALL REFLECT SPACE DESIGNATION OF EACH CIRCUIT. NO EXCEPTIONS.
16. ALL THHN / THWN WIRE SHALL HAVE A FACTORY INSTALLED COLOR CODED OUTER JACKET. CONTRACTOR IS TO NOTE THAT ALL FEEDER CONDUCTORS SHALL HAVE FULL COLOR CODED OUTER JACKET INTEGRAL TO THE CONDUCTOR INSULATION. USE OF COLOR PHASING TAPE IS NOT ALLOWED.
17. ALL RECEPTACLES AND SWITCHES SHALL BE SIDEWIRED. CONTRACTOR MY ELECT TO USE FACTORY TERMINATED MALE / FEMALE QUICK CONNECTS. (P&S "PLUGTAIL" OR EQUAL).
18. ALL LOW VOLTAGE SYSTEMS WHICH HAVE UNDERGROUND CONDUIT / CONDUCTORS ROUTED OUTSIDE OF THE BUILDING FOOTPRINT SHALL HAVE LIGHTNING PROTECTION SURGE MODULES LOCATED AT EACH END OF LOW VOLTAGE CABLING.
19. ALL WIRING DEVICE COVERPLATES SHALL BE HAND LABELED ON BACK OF COVERPLATE. LABELING SHALL BE PERMANENT MARKER, LEGIBLE, AND NOTE PANEL/CIRCUIT NUMBER SERVING DEVICE.
20. ALL EMPTY CONDUITS SHALL HAVE PULLSTRINGS INSTALLED. CAP OFF ALL STUB UP CONDUIT, INSTALL LABEL NOTING LOCATION OF CONDUIT STUB OUT.
21. ALL LOW VOLTAGE CONDUCTORS NOT IN CONDUIT SHALL BE PLENUM RATED. ALL TY–WRAPS SUPPORTING SUCH SHALL BE PLENUM RATED. PROVIDE J–HOOKS AND SUPPORT MEANS AS REQUIRED.
22. ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL, STRUCTURAL, PLUMBING, SPRINKLER AND MECHANICAL DRAWINGS AND COORDINATE HIS WORK WITH ALL OTHER TRADES FOR POWER REQUIREMENTS AND EQUIPMENT PLACEMENT. AVOID INTERFERENCE WITH ARCHITECTURAL FEATURES, BEAMS, FOOTINGS, WINDOWS, ETC. NOTIFY ARCHITECT OF ANY CONFLICTS.
23. SLEEVES SHALL BE INSTALLED WHERE PIPING PASSES THROUGH STRUCTURE.
24. ALL OPENINGS THROUGH RATED WALLS SHALL BE SEALED WITH AN APPROVED FIREPROOFING TO MAINTAIN THE INTEGRITY OF THE WALL.
25. PROVIDE MANUFACTURED COMPATIBLE PIPE HANGERS, RODS AND INSERTS, OR CLAMPS FOR THE PROPER SUPPORT OF ALL CONDUIT. NO BAND IRON, TIE WIRE, METAL STRAPPING OR WIRE STRAPPING WILL BE PERMITTED.
26. UPON COMPLETION OF THE WORK COVERED BY THIS CONTRACT, FURNISH THE OWNER WITH ONE (1) SET OF REPRODUCIBLE RECORD DOCUMENTS WHICH SHOW ALL ELECTRICAL INSTALLED UNDER THIS CONTRACT.
27. CONSTRUCTION SHALL NOT COMMENCE UNTIL FINAL APPROVAL FROM AUTHORITY HAVING JURISDICTION AND REVISED PLANS REFLECT ANY AND ALL COMMENTS.



1 E1 FLOOR PLAN – LIGHTING

SCALE: 1/4"= 1'–0"

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TITLE: FLOOR PLAN - LIGHTING

JOB #: 2502

DATE: 09.11.26

SHEET #

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