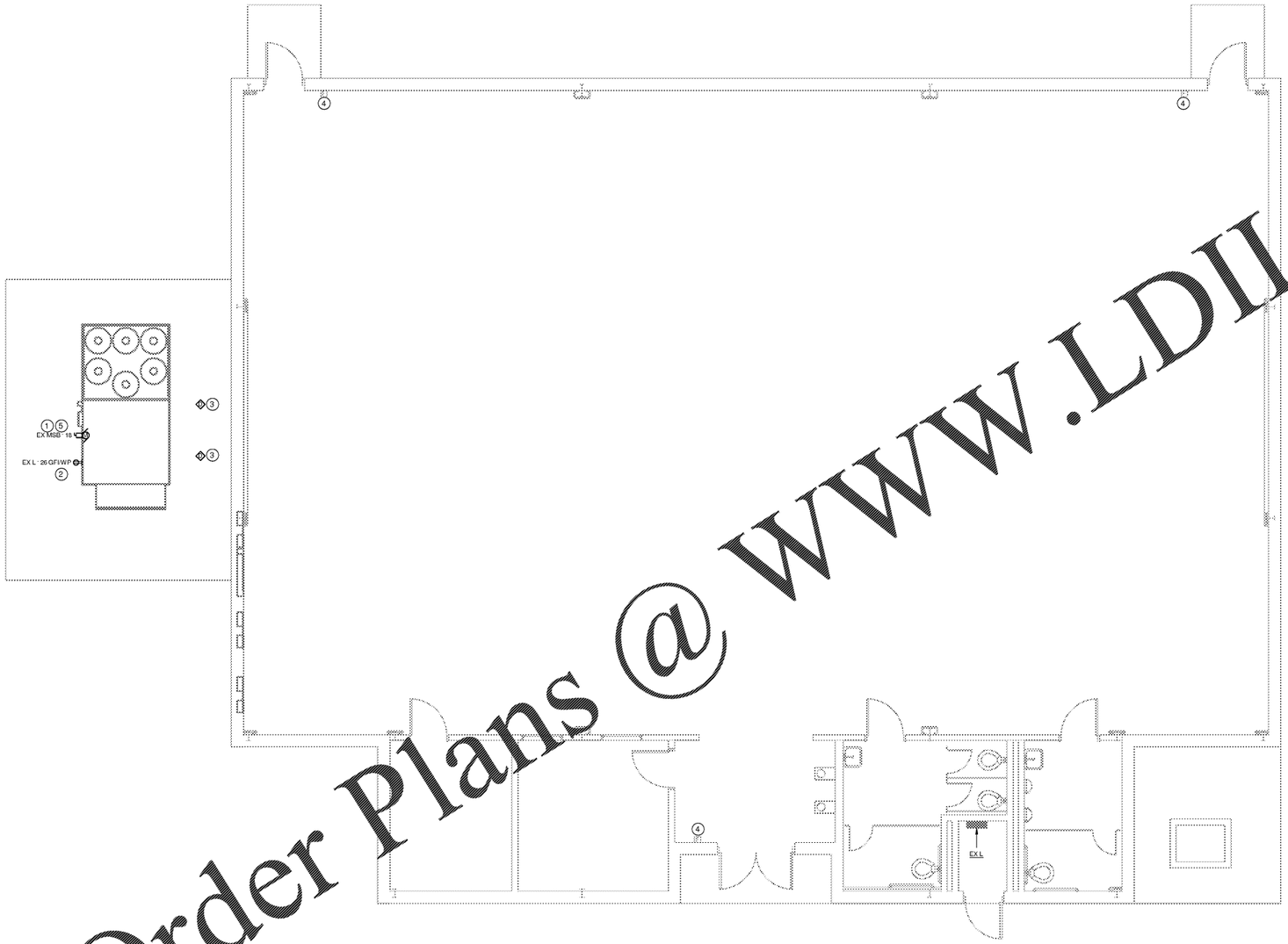

LEVEL 1 POWER PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE COMMENCING WORK.
2. THIS CONTRACT REQUIRES COMPLETE, FINISHED WORKABLE PROJECT OF THE AREAS INDICATED BY THE CONTRACT DOCUMENTS, AND SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO COMPLETE SAME, REGARDLESS OF WHETHER OR NOT EACH AND EVERY NECESSARY WORK OR ITEM IS SPECIFICALLY INDICATED ON ANY OTHER PORTION OF THE DRAWING AND/OR NOTES.
3. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT, EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
4. CONTRACTOR SHALL FURNISH ALL ADDITIONAL DATA AND DOCUMENTATION TO SECURE ALL REQUIRED PERMITS AND SHALL COORDINATE THIS DATA WITH THE CONSTRUCTION DOCUMENTS WHERE REQUIRED.
5. AS A MINIMUM, ALL WORK SHALL CONFORM TO THE APPLICABLE BUILDING CODE ADOPTED BY THE JURISDICTION OF THE WORK. WHERE MORE STRINGENT CODES ARE ADOPTED, THEY SHALL GOVERN THE WORK.
6. ALL WORK SHALL CONFORM TO APPLICABLE FEDERAL, STATE, COUNTY AND LOCAL CODES AND ORDINANCES.
7. TO PROVIDE ACCESSIBILITY FOR THE PHYSICALLY HANDICAPPED, ALL WORK SHALL CONFORM TO PUBLIC LAW 101-336 (AMERICANS WITH DISABILITIES ACT OF 1993).
8. ALL WORK SHALL CONFORM TO THE APPLICABLE NFPA 101-LIFE SAFETY CODE ADOPTED BY THE JURISDICTION OF THE WORK.
9. AROUND ALL EXPOSED PIPES, CONDUIT OR DUCTS, INSTALL ENCLOSURES OF THE SAME MATERIAL AND FINISH AS ADJACENT WORK, UNLESS NOTED OTHERWISE.
10. FIELD CHECK ALL ROUGH AND/OR FINISH DIMENSIONS FOR ACCURATE FITTING OF EQUIPMENT, CABINETS, COUNTERS, FIXTURES AND ACCESSORIES BEFORE FABRICATION. PROVIDE AND INSTALL ALL NECESSARY FILLERS, SCRIBE STRIPS, PANELS, BASES OR TRIM TO COMPLETE AND FINISH INSTALLATIONS.
11. PROVIDE AND INSTALL ALL NECESSARY HARDWARE, BRACKETS, BRACING, ANCHORING, INSERTS, BLOCKING, FURRING OR OTHER SUPPLEMENTARY ITEMS NEEDED FOR COMPLETE INSTALLATION OF EQUIPMENT, FIXTURES AND ACCESSORIES.
12. ALL CONTRACTORS ARE TO COORDINATE THE WORK OF THEIR RESPECTIVE SCOPE SO THAT THE QUALITY AND SCHEDULE ARE NOT IMPEDED. SCHEDULE WORK PROGRESS THROUGHOUT THE ENTIRE PROJECT TO PREVENT CONFLICTS AND INTERFERENCE, OBTAIN ALL NECESSARY INFORMATION SUCH AS SIZES, LOCATIONS, TEMPLATES, LAYOUT, DIMENSIONS AND ANY OTHER INFORMATION NECESSARY FOR A PROPER AND WELL COORDINATED INSTALLATION. PRIOR TO INSTALLATION OF ITEMS, CONFER WITH EACH CONTRACTOR EXACT LOCATION OF ALL ITEMS.
13. WHERE MATERIALS REFERENCED ON DRAWINGS, OR NECESSARY TO COMPLETE THE WORK OF THIS CONTRACT ARE NOT SPECIFIED HEREIN, PROVIDE BEST QUALITY MATERIALS. WHERE MATERIALS ARE INTENDED TO MATCH EXISTING, PROVIDE CLOSEST POSSIBLE MATCH, SUBJECT TO OWNER'S APPROVAL. ALL ITEMS AND WORK ON DRAWINGS ARE NEW UNLESS INDICATED OTHERWISE. ALL WORK WHICH HAS BEEN DAMAGED SHALL BE REPAIRED OR REPLACED WHERE ITEM CANNOT BE REPAIRED TO A "NEW CONDITION", OR WHERE ITS STRUCTURAL INTEGRITY HAS BEEN AFFECTED, ITEM SHALL BE REPLACED.

DRAWING NOTES

1. PROVIDE NEMA-3R, 100A, 480V, 3-POLE, UNIT-MOUNTED NFSS FOR AHU-1.
2. PROVIDE BRANCH CIRCUIT AS INDICATED; ELECTRICAL CONVENIENCE RECEPTACLE PROVIDED WITH UNIT.
3. PROVIDE DUCT SMOKE DETECTOR IN SUPPLY AND RETURN DUCT; COORDINATE INSTALLATION WITH DIV 23. CONNECT TO EXISTING FIRE ALARM PULLSTATION LOCATED NEXT TO MAIN ENTRANCE. DEVICE SHALL MATCH EXISTING SIMPLEX 4005 FIRE ALARM SYSTEM . PROVIDE REPROGRAMMING AS NECESSARY TO FIRE ALARM SYSTEM TO ACCOMMODATE DEVICE.
4. EXISTING SIMPLEX FIRE ALARM PULLSTATION.
5. BRANCH CIRCUIT FOR AHU-1 TO BE FED FROM EXSITING MAIN SWITCHBOARD LOCATED IN THE BOILER ROOM APPROXIMATELY 300' SOUTHEAST OF NEW AHU-1. PROVIDE DIRECT-BURIED BRANCH CIRCUIT FOR AHU-1 IN SCHED 40 PVC AT MINIMUM 18 INCHES TO TOP OF DUCT BELOW FINISHED GRADE; ELBOWS AND FITTINGS SHALL BE GRC AT CHANGES OF DIRECTION IN DUCT RUN. RUN CONDUIT AS DIRECTLY AS POSSIBLE MINIMIZING DISTURBANCES TO HARDSCAPE. PROVIDE PULL-BOXES OR HANDHOLES AS REQUIRED TO COMPLY WITH NEC 358.26. FIELD VERIFY EXACT ROUTING LOCATION; COORDINATE WITH EXISTING UTILITIES. REFER TO SHEETS E-501 AND E-601.

GRAPHIC SCALE
4 2 0 4 8
SCALE: 1/4" = 1'-0"
UNIT OF MEASURE: FEET

NO	100% CD SET	01/31/2020

ELDRIDGE L MILLER ELEMENTARY SCHOOL GYM HVAC DESIGN

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DRAWING TITLE
ELECTRICAL LEVEL 1 POWER PLAN

PROFESSIONAL SEAL
GEORGIA REGISTERED No. PE023880 PROFESSIONAL ENGINEER KATE ANN CRUTCHFIELD

CONSULTANT

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DRAWING NO.

DATE
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E-101

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