

LEGEND

- SYMB DESCRIPTION
 (UNLESS OTHERWISE NOTED)
 STANDARD 120V DUPLEX RECEPTACLE, NEMA 5-2 OR 18' AFF
 GFCI DUPLEX RECEPTACLE
 NEAR PROTECTIVE GFCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF
 (UNLESS OTHERWISE NOTED)
 SMOKE DETECTOR
 MALL MOUNTED DATA OUTLET
 POWER DISCONNECT
 FIRE ALARM PULL
 FIRE ALARM HORN
 FIRE ALARM STROBE
 NOTES:
 1. CONNECT ALL EMERGENCY LIGHT FIXTURES TO NEAREST CONSTANT POWER SOURCE

CONTRACTOR NOTE:

ALL TRAILERS HAVE BEEN PREWIRED. ELECTRICAL IS TO VERIFY AND NOTE ANY EXCEPTIONS.

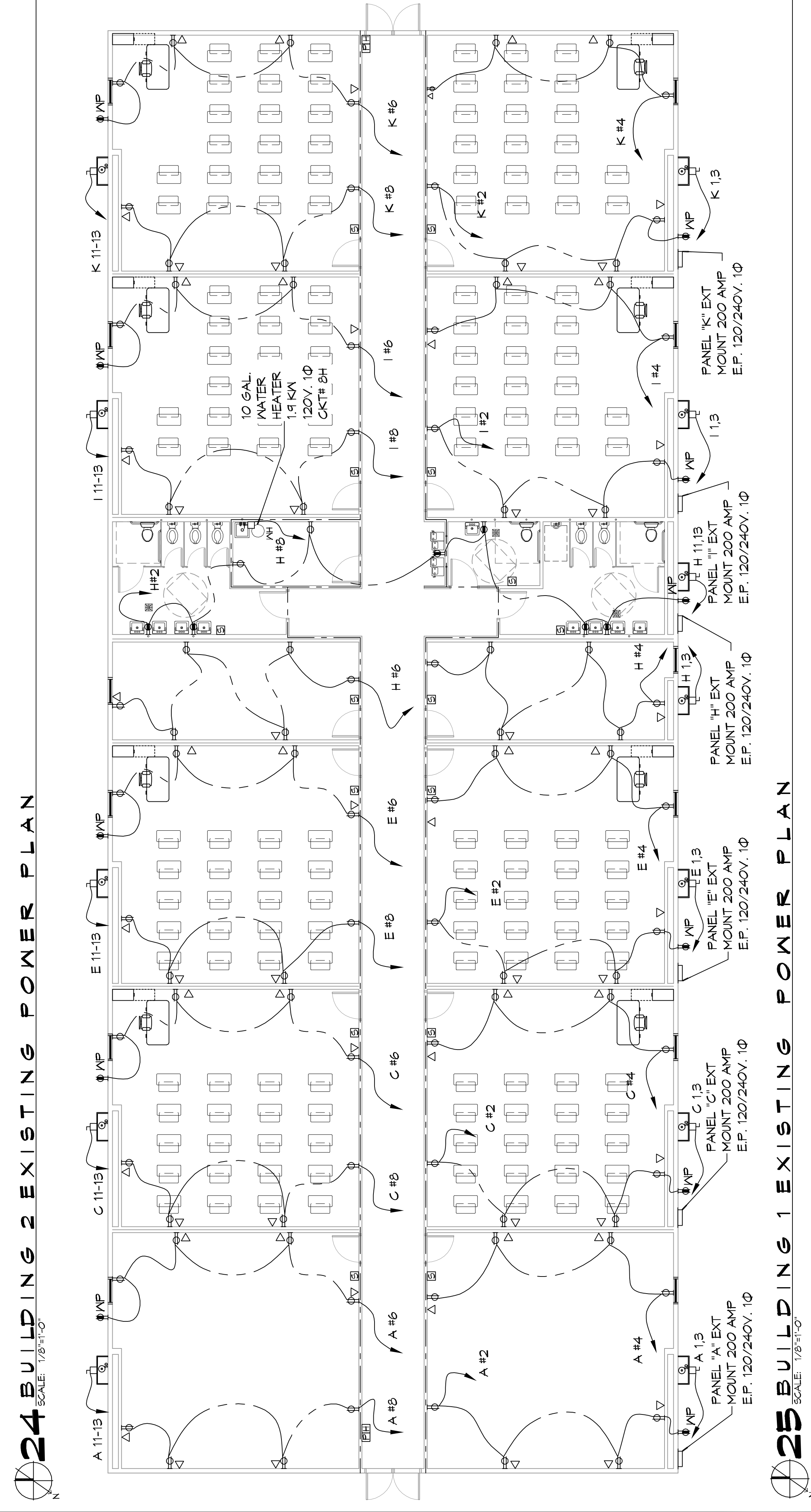
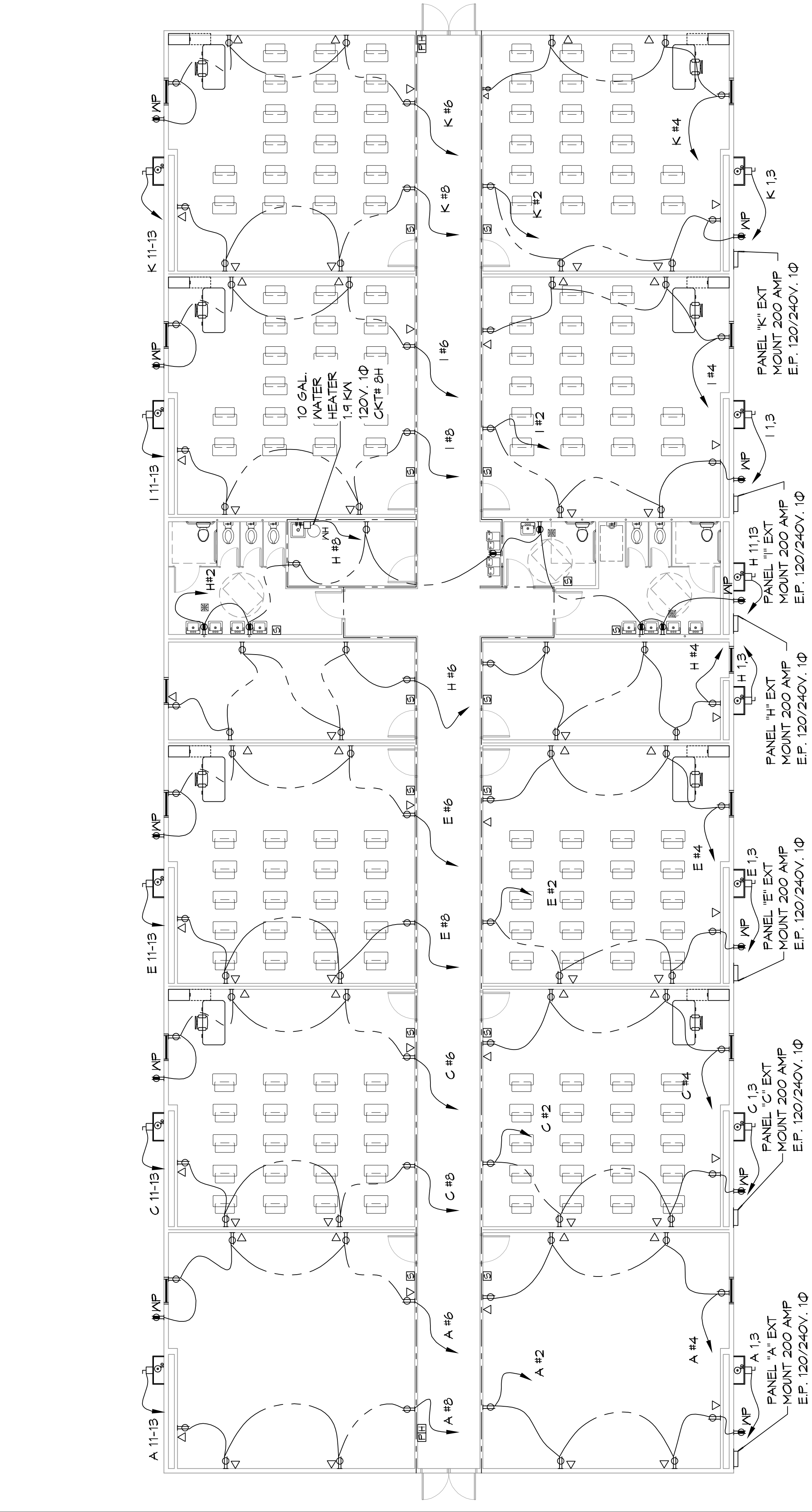
GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING JURISDICTION, OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
- ALL MATERIALS FINISHED SHALL BE NEW AND SHALL BE U/L LISTED. DIMENSIONS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD. LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- WORK TO BE DONE BY CONTRACTOR SHALL VISIT THE JOB SITE AND ELECTRICAL CONTRACTOR SHALL COORDINATE WITH OTHER TRADES AND OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
- ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED CEILING, HUNG CEILING, PLASTER PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY INTERFERENCE IS ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METAL FIBERGLASS (EMT) FOR NON-METALLIC CABLE (NMC) CABLE COPPER FOR LIGHTS AND RECEPTACLE CIRCUITS IN WOOD FRAME CONSTRUCTION AREAS ONLY; IN STEEL FRAMING AREAS THE USE OF EMT (MINIMUM) IS REQUIRED. EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE STAMPED BOXES.
- CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-59, 10:220-63, NFPA 70:250-25, 250-11 & 250-12.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-25B.
- FUSES SHALL BE ITT GLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
- PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
- EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER AS TO PREVENT LIGHT POLLUTION AND TO PREVENT LIGHT FROM EXCEEDING ONE FOOT CANDLE AS MEASURED AT THE ADJUTING PROPERTY LINE.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.
- VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURERS RECOMMENDATIONS.

Electrical Load Summary

Project Name: Lakeside Christian Academy
 Project Address: 1000 Camillee Dr.
 City / Town: Slidell, LA
 Intended Use: School
 Requested Service: 208 Volts 3 Phase 4 Wires
 Service Entrance Size: 1,000 Amps
 HVAC Tonnage: T2 Tons
 Largest Motor: 2.0 HP (Note: Motors above 20 hp may require reduced voltage starting and are never recommended for use with 120/240V, 3 Ø, 4M services.)
 Total Building Square Footage: 20,744 Square Feet
 Individual Unit Square Footage: _____ Square Feet (Multiple Occupancy)
 Individual Unit Designation: _____ (Multiple Occupancy)

LOAD SOURCE	277V / 480V	120V / 240V
Building Lighting	10 - KVA 30 - KVA or 10 - KVA 60 - KVA	OR 60.0
Electric Water Heating		OR 9.0
Heat Pump		OR 252.0
Supplemental Heat System		OR 42.3
PACKAGED UNIT Heat/Air Conditioning		OR 2.3
Electrical Heating (Circle - Primary / Secondary)		OR 2.3
Cooking		OR 2.3
Refrigeration		OR 2.3
Receptacles (Standard)		OR 2.3
Receptacles (Computer)		OR 2.3
Laundry Cleaning Equipment		OR 2.3
Parking Lot / Exterior Lighting		OR 2.3
Miscellaneous		OR 2.3
Other (Specify)		OR 2.3



DAMMON ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI
 554 Old Spanish Trail
 Slidell, LA 70688
 Chief Engineer: Brian Matich, PE
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.649.5832 F: 985.641.5950

#	DESCRIPTION	DATE



1000 CAMILLEE DR.
 SLIDELL, LA 70458
 DRAWN BY: [Signature]
 JOB NO.: [Blank]
 DATE: 06-10-2021
 CHECKED BY: [Signature]
 R.L.D. [Signature]
 B.A.K. [Signature]
 SHEET TITLE: EXISTING POWER PLAN
 DRAWING NUMBER: E101
 SHEET NO. 9 of 11