



1st FLOOR ELECTRICAL PLAN
SCALE: 1/4"=1'-0"

- LEGEND**
- - 2x4 RECESSED FLUORESCENT LAMP STEEL HOUSING
 - ⊞ - EMERGENCY / EXIT LIGHT WITH 90 MIN. BATTERY BACKUP
 - ⊞ - EMERGENCY LIGHT WITH 90 MIN. BATTERY BACKUP
 - ⊞ - MOUNTED LIGHT
 - ⊞ - LIGHT (VERIFY STYLE)
 - ⊞ - 120V, 20A DUPLEX RECEPTACLE
 - ⊞ - 120V, 20A DUPLEX RECEPTACLE (WEATHER PROOF)
 - ⊞ - GFI RECEPTACLE
 - ⊞ - JUNCTION BOX
 - ⊞ - DISCONNECT
 - ⊞ - POWER PANEL
 - ⊞ - WATER HEATER W/ DISCONNECT
 - ⊞ - EXHAUST FAN
 - ⊞ - SWITCH
 - ⊞ - 3-WAY SWITCH

ELECTRICAL NOTES

1. ALL WORK SHALL COMPLY TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE, AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED.
2. ALL MATERIALS AND METHODS SHALL BE NEW AND SHALL BE UL LISTED.
3. CONDITIONS IN THE FIELD, UNLESS OTHERWISE NOTED.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH UTILITY COMPANY AND INCLUDE IN HIS BID, ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
8. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
9. ELECTRICAL CONTRACTOR SHALL COORDINATE THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING.
10. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING.
11. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE I.E.E. AND THE NATIONAL ELECTRICAL CODE.
12. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION, MINIMUM SIZE CONDUIT SHALL BE 1/2" E.M.T. FOR INTERIOR USE, AND 1" RIGID ALUMINUM FOR EXTERIOR USE. USE TYPE NMC CABLE IN CONTROL ROOM BUILDING FOR LIGHTS AND RECEPTACLE CIRCUITS. EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS. STAMPED BOXES MAY BE USED ABOVE CEILING IN AIR CONDITIONED SPACES.
13. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
14. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WEATHERPROOF.
15. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-238
16. FUSES SHALL BE TTT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
17. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION & ALARM COMPANY TO DESIGN & INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHAL.
18. ALL ELECTRICAL, MECHANICAL, & PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CALKED. (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.)
19. ALL J-BOXES FOR EXTERIOR SIGNS SHALL BE INSIDE BUILDING.
20. ALL HVAC AIR HANDLERS WITH ELECTRICAL HEAT STRIPS AND COMPRESSORS SHALL BE 3 Ø.

<p>OF 22</p> <p style="font-size: 2em; font-weight: bold;">E-1</p>	<p>EL-BETHEL PENTECOSTAL CHURCH</p> <p style="font-size: 2em; font-weight: bold;">DAMMON ENGINEERING, INC.</p> <p>1095 FLORIDA AVENUE 985-649-5892 SLIDELL, LA. 70458 DAMMONENGINEERING.COM</p>	<p>1st FLOOR ELECTRICAL PLAN</p> <p>EUGENE WELLINGTON ALLEN ROAD SLIDELL, LOUISIANA</p>
<p>SCALE: AS NOTED</p> <p>FILE:</p> <p>JOB NO. 1819</p> <p>DATE: 3-29-07</p> <p>SHEET 17</p>		