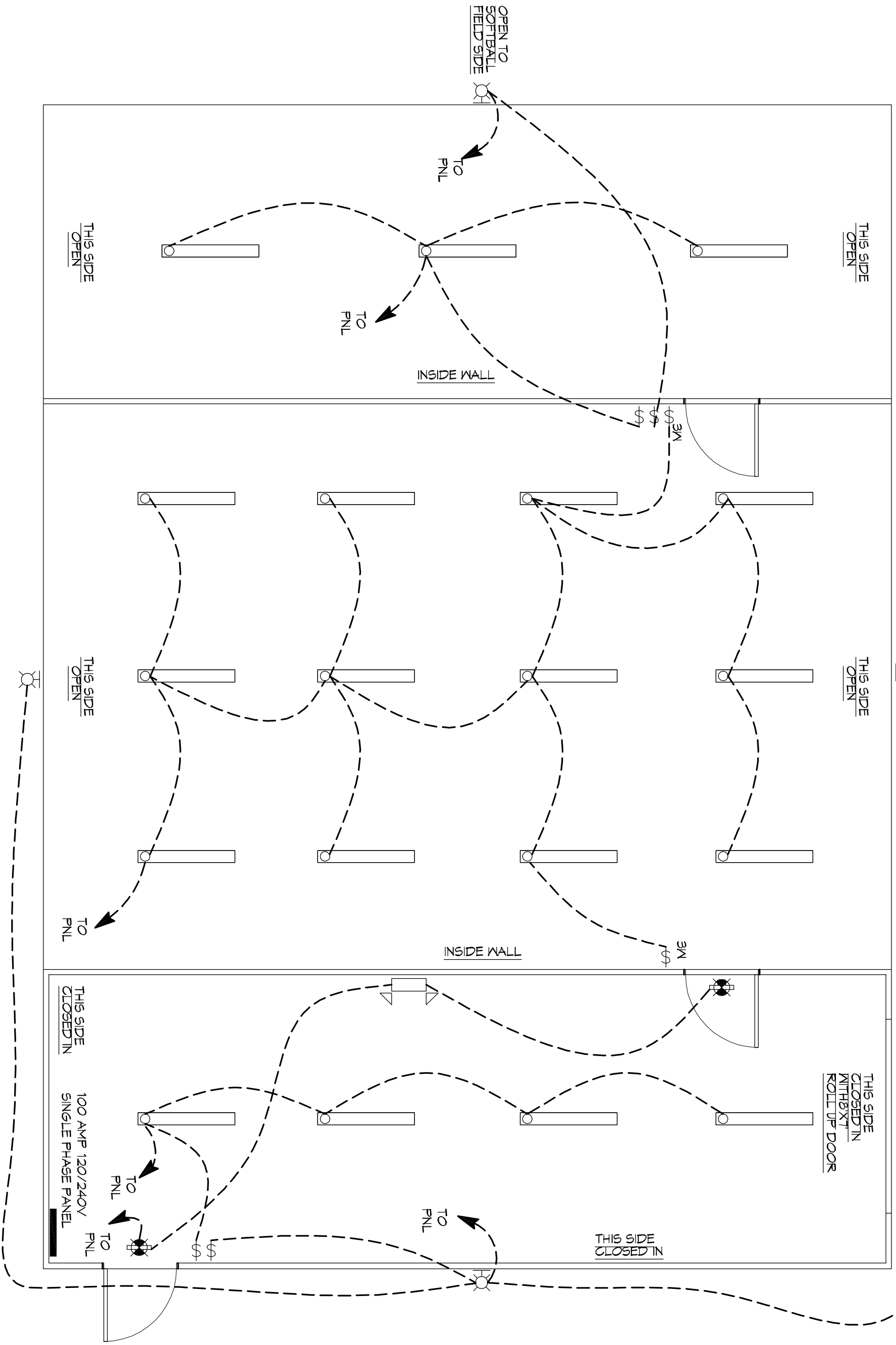


**POWER PLAN**  
SCALE: 1/4" = 1'-0"  
1  
N



**LIGHTING PLAN**  
SCALE: 1/4" = 1'-0"  
1  
N

**GENERAL ELECTRIC POWER NOTES**

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER APPLICABLE CODES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES. VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
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 HIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCLUDING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
8. 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 WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT. REPAIRS TO BE MADE TO THE PLUMBING AND OTHER WORK SHALL BE MADE AS DIRECTED BY THE OWNER OR THE ENGINEER. PRESERVE TEST REQUIRED BY THE OWNER OR THE ENGINEER.
9. 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.
10. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V/ INSULATION MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 3/4" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC BURIED A MINIMUM OF 18" FOR NON-VEHICLE TRAFFIC AREAS. FOR CONDUITS BELOW GRADE, EMT SHALL BE USED THROUGH EXISTING CONDUITS. CONDUITS SHALL BE INSTALLED IN THE FOLLOWING MANNER: EXTERIOR CONDUITS SHALL BE CAST WHERE EXPOSED ON WALLS AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVERS (S). ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS SHALL BE IN A METAL RACEWAY SYSTEM OR MEDICAL GRADE MC CABLE NEC ART. 511.13(A).
11. CONTRACTOR SHALL INSTALL MINS AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
12. ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
13. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
14. INSTALL SPECIAL PROTECTIVE RECEPTACLE COVERS IN ALL WAITING AREAS OCCUPIED BY CHILDREN 6 YEARS OF AGE AND UNDER.
15. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:200-65, NFPA 70:250-25, 250-71 & 250-72.
16. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-230.
17. EXTERIOR LIGHTING SHALL BE SHADOWED OR IMMEDIATELY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ADJACENT PROPERTY LINE.
18. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE RATED. 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.

**LEGEND**

- EMERGENCY LIGHT FIXTURE - WALL MOUNTED
- EXIT LIGHT FIXTURE - WALL MOUNTED
- CLING MTD FLOOR STRIP FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- ELECTRIC PANEL BOARD
- CIRCUIT HOME RUN
- LIGHT SWITCH 120V COMMERCIAL GRADE
- LIGHT SWITCH - 3-WAY 120V COMMERCIAL GRADE
- STANDARD 120 V RECEPTACLE (GF W/P WHERE NEEDED)



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#	DESCRIPTION	DATE



**LOUISIANA PROFESSIONAL ENGINEER**

1901 LASUAR DR  
SLIDELL, LOUISIANA 70458

JOB No: 2272 DATE: 01-15-16  
DRAWN BY: CKD CHECKED BY: BAN

SHEET TITLE:  
**POWER & LIGHTING PLAN**

DRAWING NUMBER:  
**E101**

SHEET No: 3 OF 3