



1" POWER PLAN  
SCALE: 1/8"=1'-0"

**REFERENCE NOTE**

1. REFER TO JUNCTION DESIGN GROUP DRAWINGS FOR ALL ELECTRICAL REQUIREMENTS.

**GENERAL ELECTRIC POWER NOTES**

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL OTHER APPLICABLE CODES AND ALL OTHER APPLICABLE DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL 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 DRAWINGS 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 HIMSELF 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 INCOMING ELECTRICAL SERVICE WITH ALL OTHER CONTRACTORS AND INCLUDE IN HIS BID ALL CHARGES AND FEES NOTED IN WORK NOTES.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE CONTRACTOR.
8. ELECTRICAL CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING CONDUITS, PIPES, 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 REQUIRED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ELECTRICAL WORK AS SHOWN ON THE PLANS AND DETAILS.
9. PERSONS TESTED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THIS PROJECT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF 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, 1/2" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC, BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS. FOR CONDUITS BELOW GRADE, EMT SHALL BE USED WITH METAL STUD CONSTRUCTION USING NIP IN WOOD CONSTRUCTION. 18 FT LENGTH W/C CABLE IS REQUIRED FOR ALL WIRE RUNS. ALL WIRE RUNS SHALL BE INSTALLED IN RACEWAYS OR TRAYS, AND EXTERIOR FITTINGS SHALL BE CAST BRONZE WITH NEMA 3R COVERS.
11. ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS SHALL BE IN A METAL RACEWAY SYSTEM OR METAL GRADE W/C CABLE (NEC ART. 517.19(A)).
12. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
13. 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.
14. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
15. INSTALL SPECIAL PROTECTIVE RECEPTACLE COVERS IN ALL PAINTING AREAS OCCUPIED BY CHILDREN 6 YEARS OF AGE AND UNDER.
16. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-65, NFPA 250-25, 250-71 & 250-72.
17. GROUND BENTHAL IN ACCORDANCE WITH NFPA 10:250-239.
18. FIRES SHALL BE 1TT CLASS K5 250 VOLT 200 000 AMP INTERRUPTING CAP.
19. PROVIDE SERVICES OF A FIRE-ALARM DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
20. EXTERIOR LIGHTING SHALL BE SHARED OR INWARDLY 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 ADJUTING PROPERTY LINE.
21. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CALLED. 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.
22. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.
23. ALL RECEPTACLES AND SWITCHES ARE TO HAVE WEATHER PROOF COVERS IN INUSE COVERS.
24. LIGHT FIXTURE AND/OR RECEPTACLE LOCATED IN ATTIC.

**POWER LEGEND**

- SYMB
- STANDARD 120V DUPLEX RECEPTACLE - NEMA 5-2 OR 15' AFF (UNLESS OTHERWISE NOTED)
- SINGLE E30 E DEDICATED RECEPTACLE - REFER TO PANEL SCHEDULE FOR CIRCUIT SIZE
- 6/60I DUPLEX RECEPTACLE
- 6/60I QUAD RECEPTACLE
- 220V ELECTRIC DRYER RECEPTACLE - MOUNTED AT 30" AFF
- 220V DEDICATED 6/60I DUPLEX RECEPTACLE
- WEATHER PROOF 6/60I DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)
- STANDARD 120V DUPLEX RECEPTACLE - FLOOR MOUNTED
- STANDARD QUAD RECEPTACLE - FLOOR MOUNTED
- 125V/15 AMP D/ELEX-555 5V/2C 3 AMP
- 125V/15 AMP QUAD/ELEX-555 5V/2C 3 AMP
- HIBBELT USB CHARGER RECEPTACLE
- HIBBELT USB CHARGER RECEPTACLE
- JUNCTION BOX
- GENERATOR BATTERY CHARGER
- 240V/100 AMP PUSH BUTTON STATION
- COAX-CABLE CONNECTION FOR TELEVISION
- WALL MOUNTED DATA OUTLET
- FLOOR DATA OUTLET
- POWER DISCONNECT
- WATER HEATER ON DECK OR MEZZANINE ABOVE - SIZE AS NOTED ON PLAN
- AS NOTED ABOVE - SEE MECHANICAL DRAWINGS
- AS NOTED ABOVE - SEE MECHANICAL DRAWINGS
- AS NOTED ABOVE - SEE MECHANICAL DRAWINGS

**NOTES:**

1. CONNECT ALL EMERGENCY/EXIT LIGHT FIXTURES TO NEAREST CONSTANT POWER SOURCE.
2. THE 12 NEXT TO A RECEPTACLE OR DATA OUTLET DESIGNATES THAT OTHER CODES WILL APPLY. EXAMPLE: 150 OR 4

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REVISIONS	DATE
# DESCRIPTION	

**ELECTRICAL FLOOR PLAN - POWER**

SHEET TITLE: ELECTRICAL FLOOR PLAN - POWER

DRAWING NUMBER: E102

JOB No: 2360 DATE: 04-19-2018

DRAWN BY: JAGSM CHECKED BY: [Signature]

2081 GAUSE BLVD E  
SLIDELL, LA 70461

**E102**

1 of 1