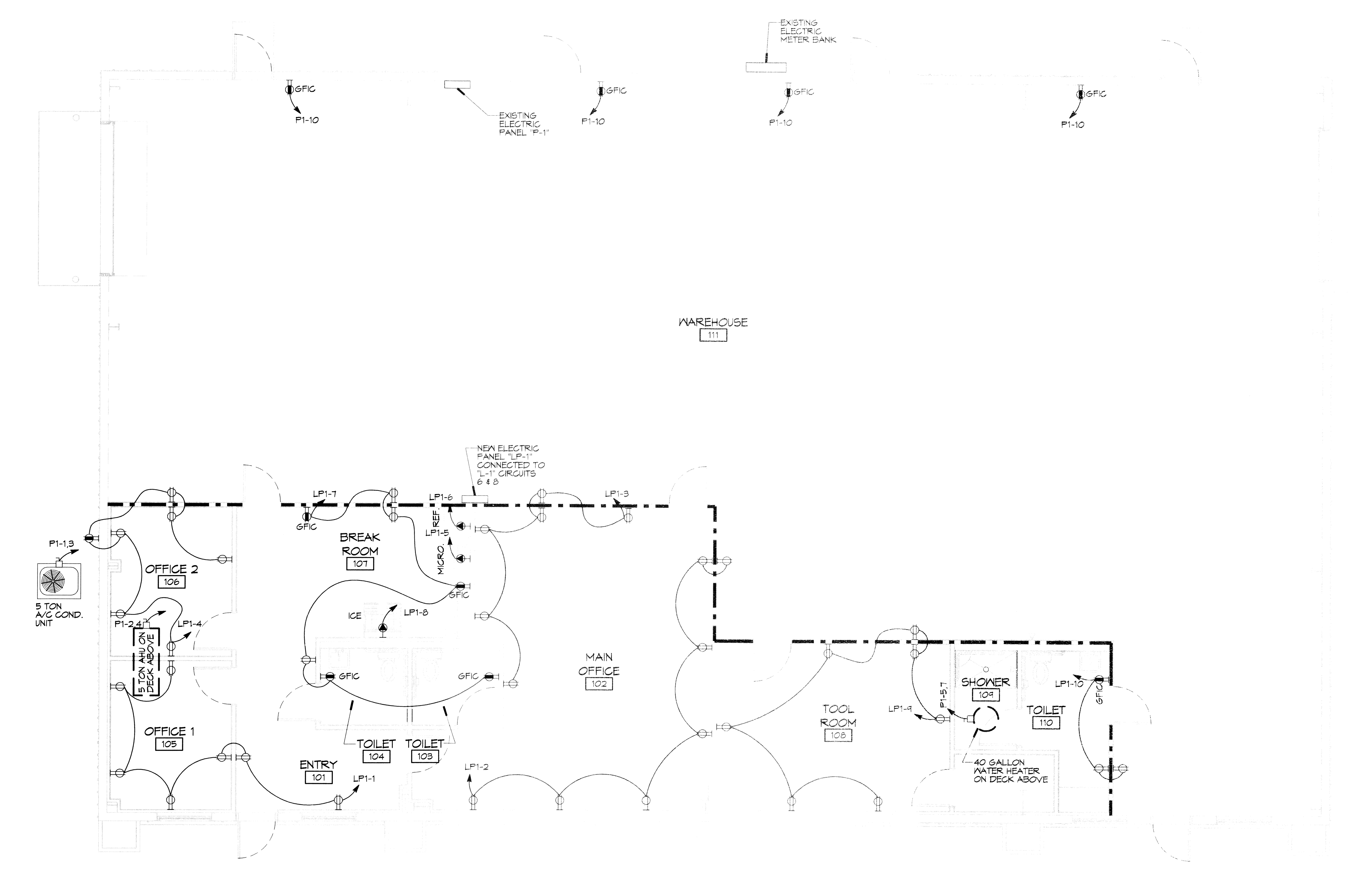

1 ELECTRICAL POWER PLAN

SCALE: 3/16"=1'-0"

GENERAL ELECTRICAL NOTES

1. DRAWINGS ARE DIAGRAMMATIC ONLY. FURNISH ALL CONDUIT, WIRING, PANELS, BREAKERS, DISCONNECTS, ACCESSORIES, ETC. FOR COMPLETE INSTALLATION RATHER OR NOT EVERY ITEM IS SHOWN OR SPECIFIED.
2. THESE DRAWINGS ARE INTENDED AS GENERAL GUIDELINES FOR PURPOSES OF ESTABLISHING CERTAIN MIN. CRITERIA, AND DO NOT NECESSARILY REPRESENT THE FINAL LAYOUT, ARRANGEMENT, SIZE, BRAND NAME, CAPACITY OR OTHER CHARACTERISTICS OF THE ENGINEERED SYSTEM. SYSTEM SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND REQUIREMENTS OF LOCAL UTILITY OFFICIALS.
3. INSTALL GFCI OUTLETS AS REQUIRED BY APPLICABLE CODES. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WEATHERPROOF.
4. INSTALL HARDWIRED SMOKE DETECTORS WITH BATTERY BACKUP AS REQUIRED. INTER- CONNECT DETECTORS SO THAT ALL WILL SOUND SHOULD ONE DETECTOR ACTIVATE.
5. SOME EQUIPMENT SHOWN ON OTHER PLANS MAY REQUIRE ELECTRICAL SERVICE, SUCH AS WATER HEATER, CONDENSING UNITS, AIR-HANDLING UNITS, CONDENSATE PUMPS, ETC... ELECTRICAL CONTRACTOR SHALL INCLUDE ELECTRICAL SERVICE TO ALL SUCH EQUIPMENT. COORDINATE WITH OTHER TRADES CONCERNING CONCERNING ITEMS REQUIRING ELECTRICAL SERVICE. PROVIDE ONE DUPLEX OUTLET AND LIGHT IF UNIT IS IN NON-LIT AREA FOR EVERY CONDENSING UNIT AND EVERY AIR-HANDLING UNIT AS REQUIRED BY APPLICABLE CODES.
6. OBTAIN NAME PLATE AND RATING OF ALL EQUIPMENT BEFORE ROUGHING IN AND PROVIDE WIRING OF PROPER SIZE, VOLTAGE, AND AMPACITY. PROVIDE FUSED OR NON-FUSED DISCONNECT SWITCH AS REQUIRED.
7. PROVIDE PANEL BOARDS OF PROPER VOLTAGE AND AMPACITY FOR ALL ELECTRICAL CIRCUITS.
8. VERIFY SERVICE REQUIREMENTS WITH LOCAL POWER COMPANY INCLUDING TRANSFORMER LOCATIONS AND TYPES, DISCONNECTS AT EXTERIOR OF BLDG., VOLTS AND AMPACITIES AND OTHER DETAILS OF ELECTRICAL CONSTRUCTION. SIZE ALL FEEDERS ACCORDING TO NEC REQUIREMENTS.
9. RUN ALL CABLE CONCEALED IN WALLS, CEILINGS OR FLOORS UNLESS NOTED OTHERWISE.
10. SUPPORT ALL FIXTURES AND OTHER ITEMS RIGIDLY FROM STRUCTURE.
11. INSULATE AND SEAL SOLIDLY BEHIND RECEPTACLES IN EXTERIOR WALLS.
12. ALL SWITCHES AND OULTETS ON FIRST FLOOR TO BE 1'-0" ABOVE BASE FLOOD ELEVATION.
13. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
14. ALL OUTLETS SHALL BE INSTALLED 18" AFF UNLESS NOTED OTHERWISE. SEE ELECTRICAL POWER PLAN FOR INDICATED MOUNTING HEIGHT.
15. REFER TO REFLECTED CEILING PLAN FOR RECESSED LIGHT FIXTURE LOCATIONS.

GENERAL UTILITY NOTES

1. SCH. 80 PVC CONDUIT WHERE PIPE IS EXPOSED ABOVE GRADE. TRANSITION TO SCH.40 PVC BELOW GRADE. ALL 90° ELBOWS TO BE LONG SWEEP TYPE.
2. 120/240V 1Φ 200A SERVICE FROM UTIL. CO., FEEDER BY UTIL. CO TO METER BOX. FIELD LOCATE TRANSFORMER ON POLE AND COORDINATE WITH ELEC. COMPANY REGARDING NEW ELECTRICAL SERVICE CONNECTION.
3. CONTACT LOUISIANA ONE CALL BEFORE DIGGING.

ELECTRICAL POWER LEGEND

- DUPLEX OUTLET
- COUNTER-HT DUPLEX OUTLET
- QUAD OUTLET
- DUPLEX OUTLET W/ USB CHARGER
- FLOOR QUAD OUTLET
- FLOOR TELEPHONE BOX
- DATA OUTLET (WALL)
- TELEPHONE OUTLET (WALL)
- GROUND FAULT INTERRUPTER (GFCI)
- GFCI OUTLET W/ WEATHER PROOF COVER
- 220 VOLT DRYER OUTLET
- SD 120V SMOKE DETECTOR W/ 9VDC BATTERY BACKUP
- COAXIAL OUTLET
- THERMOSTAT
- DISCONNECT DOOR BELL
- JUNCTION BOX
- DOOR BELL JUNCTION BOX
- DOOR BELL
- WIRING CONCEALED IN CEILING OR WALL
- WIRING CONCEALED IN FLOOR
- EXPOSED WIRING
- HOME RUN TO PANEL BOARD

462699
REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: WILLIAM D. JONES, ARCHITECT, CBO

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REVISIONS		
#	DESCRIPTION	DATE

SEAL:

1/15/15

OFFICE BUILDOUT FOR
KBR ENTERPRISES
176 STRAWBERRY STREET
SLIDELL, LOUISIANA 70460

JOB No:	2221	DATE:	01-14-15
DRAWN BY:	KJK	CHECKED BY:	CKD

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POWER PLAN

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