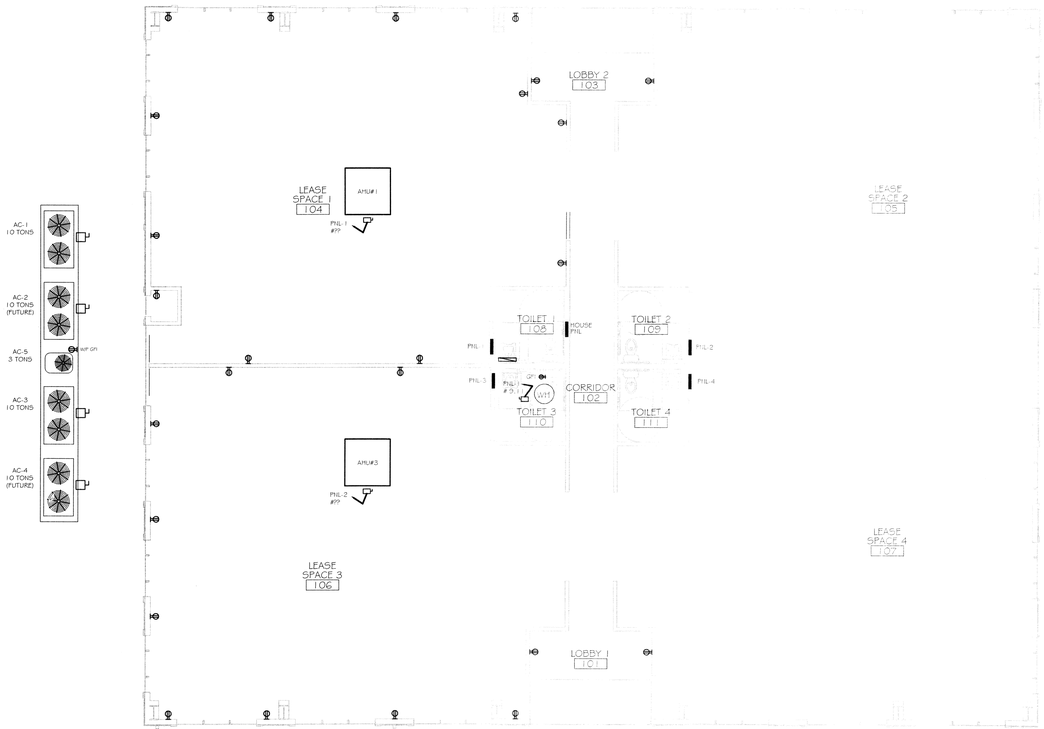
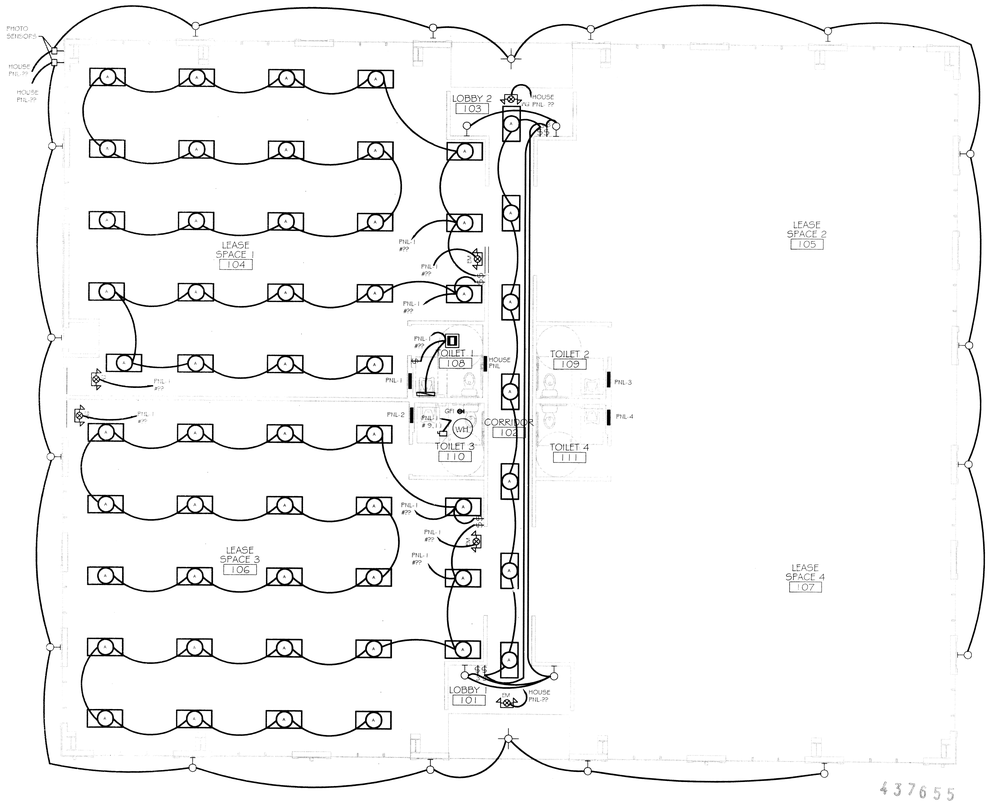
ELECTRICAL NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OF APPROVAL WHERE REQUIRED.
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 AND LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE OBTAINED FROM THE ARCHITECTURAL DRAWINGS.
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 EXISTING CONDITIONS. ANY WORK, MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE 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, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
10. PERFORM TEST REQUIRED BY THE AUTHORITIES HAVING JURISDICTION. DEMONSTRATE THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING.
11. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARDS OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
12. MINIMUM CONDUCTOR SIZE SHALL BE #12 A.W.G. COPPER, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE ½" EMT FOR LIGHTING AND RECEPTACLE CIRCUITS. EXTERIOR WIRING SHALL BE CAST BOXES AND FITTINGS. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, STAMPED BOXES MAY BE USED ABOVE CEILINGS IN AIR CONDITIONED SPACES. WHERE SAY IN FIXTURES ARE IN USE, USE 1-#12 ALLOWED FOR 12 WIDTH.
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 WATERPROOF.
15. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-45, NFPA 250-25, 250-71 • 250-72.
16. CARLING NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
17. PROVIDE PANELBOARDS AS SHOWN, 250 VOLT, 200/200 AMP INTERRUPTING CAP.
18. PROVIDE COMPLETE FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL.
19. EXTERIOR LIGHTING SHALL BE DESIGNED AND INSTALLED 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 ABUTTING PROPERTY LINE.
20. 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.)



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



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

437655

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: WILLIAM A. EFFERSON ARCHITECT

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NEW COMMERCIAL BUILDING
DR. FARZAD ADULI
LOT 286 MARIGOLD DRIVE
COVINGTON, LA

JOB No: 2178 | DATE: 08-16-2013
DRAWN BY: BSN | CHECKED BY: BSN

#	DESCRIPTION	DATE
REVISIONS		

KEVIN J. KINCHEN
Reg. No. 5590
STATE OF LOUISIANA
REGISTERED ARCHITECT
9/10/13

ELECTRICAL LIGHTING PLAN

SHEET No: 10 of 11

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