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ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

TEXTRON
OFFICE PLAN

TEXTRON MARINE
AND LAND
2585 FRONT ST.
SLIDELL, LA

**FIRST AND
SECOND
FLOOR PLAN**

REV:

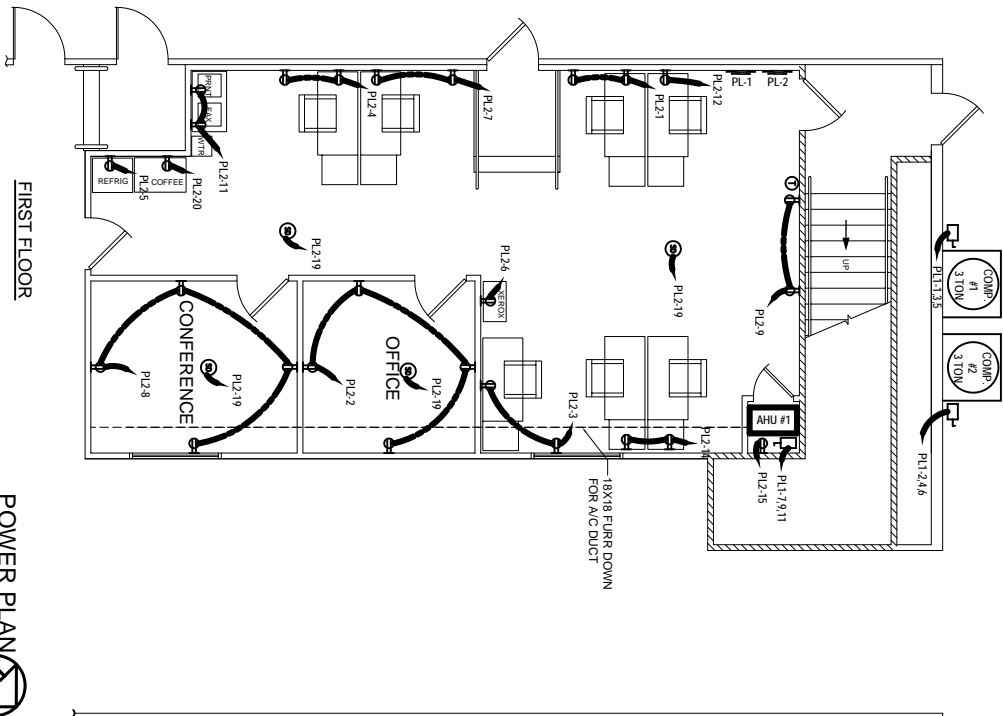
SCALE: AS NOTED

JOB#: 1880

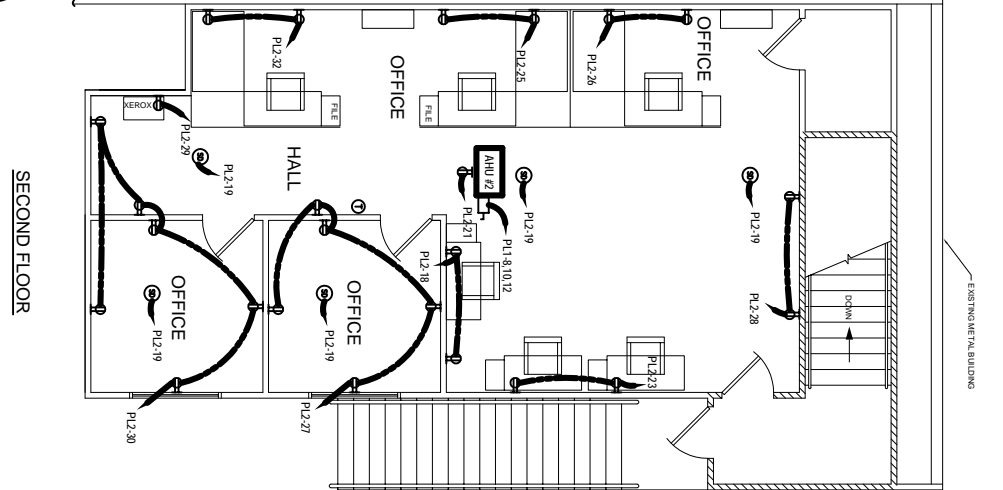
DATE: 8-8-07

SHEET

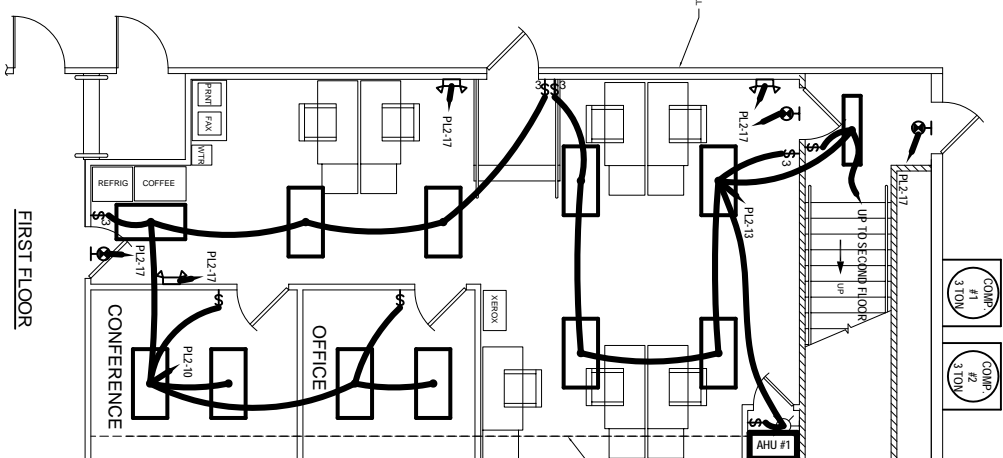
E-1



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

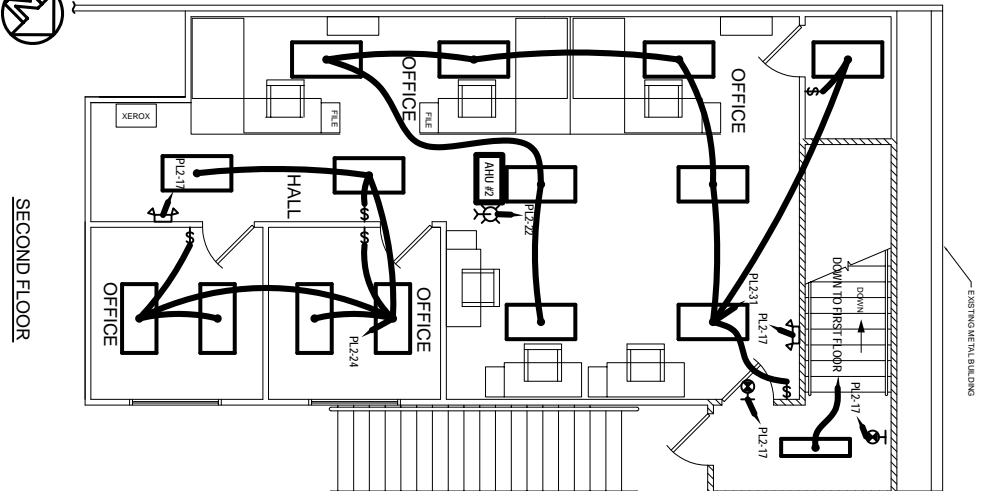


SECOND FLOOR



FIRST FLOOR

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



SECOND FLOOR

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 OR 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 DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
6. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
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 COLUMNS, HUNG CEILINGS, 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. AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS. M-2 MC MAY BE USED FOR LIGHTING WHIPS.
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 IEEE AND THE NATIONAL ELECTRICAL CODE.
12. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" EMT FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE TYPE NMC CABLE COPPER, 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 CEILINGS 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 WATERPROOF.
15. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-63, NFPA 250-23, 250-71 & 250-72.
16. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-63, NFPA 250-23, 250-71 & 250-72.
17. RISES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
18. PROVIDE SERVICES OF A 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 SHADED 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 ABUTTING PROPERTY LINE.
20. ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE PARTITIONS 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).

LEGEND

- 2x4 RECESSED FLUORESCENT LAMP, STEEL HOUSING
- 1x4 RECESSED FLUORESCENT LAMP, STEEL HOUSING
- EMERGENCY BACKUP BATTERY
- 120V, 20A DUPLEX RECEPTACLE
- DISCONNECT
- POWER PANEL
- SWITCH
- 3-WAY SWITCH
- SMOKE SELECTOR-U.L. #285 WIRED TO 110V CIRCUIT
- THERMOSTAT
- LIGHT (PULL CHAIN)

LOCATED ON EAST SIDE
OF INTERIOR BLDG.

ONE LINE DIAGRAM

PANEL PL-1 LOCATION: OFFICE BUILDING 1ST FLOOR FEEDER SOURCE: BR-1 MDP-2										VOLTAGE: 120/208V, 3Ø, 4W 200A MAIN BREAKER W/EQUIPMENT GROUND BAR SOURCE: D TYPE 00									
NO.	LOAD DESCRIPTION	AMPS	POLES	LOAD (VA)	AMPS	POLES	LOAD (VA)	NO.	LOAD DESCRIPTION	AMPS	POLES	LOAD (VA)	NO.	LOAD DESCRIPTION	AMPS	POLES	LOAD (VA)		
1								1					2						
3	A/C COMPRESSOR #1 3 TONS 208 V	20	3	3,000			3,000	3	20				4	A/C COMPRESSOR #2 3 TONS 208 V	20	3	3,000		
5								6					8						
7	AMP #1 10 AMP	20	3	10,000			10,000	3	20				10	AMP #2 10 AMP	20	3	10,000		
11								12					14						
13	PV-2	100	2	32,000			-	15					16						
17								18					19						
19	SPRINK	-	-	-			-	20					21	SPRINK	20	3	3,000		
21	SPRINK	-	-	-			-	22					23	SPRINK	24	3	3,600		
23	SPRINK	-	-	-			-	24					25	SPRINK	26	3	3,600		
25	SPRINK	-	-	-			-	26					27	SPRINK	28	3	3,600		
27	SPRINK	-	-	-			-	28					29	SPRINK	30	3	3,600		
29	SPRINK	-	-	-			-	30					31	SPRINK	30	3	3,600		
				TOTAL CONNECTED LOAD (VA)									TOTAL CONNECTED LOAD (VA)						
				AMP=200A BR=200A															
				GROUND BUS (V)															
				NEUTRAL WIRE (V)															