

## LIFE-SAFETY INFORMATION

<b>APPLICABLE CODES</b>		
NFPA 101 LIFE-SAFETY CODE 2015		
OCCUPANCY A-2, ASSEMBLY USES INTENDED FOR FOOD AND DRINK CONSUMPTION (RESTAURANTS); CONSTRUCTION TYPE V B ASSEMBLY (CHAPTER 13)		
MIXED OCCUPANCY (REFERENCE CHAPTER 6)		
<b>OCCUPANT LOAD FACTOR</b> (REFERENCE TABLE 7.3.1.2)		
DINING	449 S.F. NET ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED (TABLES AND CHAIRS) - 15 NET PER OCCUPANT =	30 OCCUPANTS
KITCHEN	321 S.F. GROSS 100 S.F. / PERSON	4 OCCUPANTS
SERVING AREA	316 S.F. 100 S.F. / PERSON	4 OCCUPANTS
<b>TOTAL OCCUPANTS = 38</b>		
<b>CLASSIFICATION OF HAZARD OF CONTENTS</b>		
REFERENCE: OCCUPANCY CHAPTER AND 6.2.2: SPECIFY LOW, ORDINARY, OR HIGH		
<b>CONSTRUCTION TYPE(S)</b> (REFERENCE: CHAPTERS, TABLE A.8.2.1.2 AND COMMENTARY TABLE B.1 IN HANDBOOK)		
CONST. TYPE= 5(000)		
<b>MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS</b>		
REFERENCE: SECTION 7.5, SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED		
1/2 DIAGONAL DINING =	83.75 FT / 2 =	41.88 FT
DIAGONAL KITCHEN =	65.5 FT / 2 =	32.75 FT
<b>MAXIMUM DEAD-END CORRIDORS</b> (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)		
<b>MAXIMUM COMMON PATH OF TRAVEL DISTANCE</b> (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)		
<b>MAXIMUM TRAVEL DISTANCE TO EXITS</b> (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)		
MAIN ENTRANCE MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING		
<b>EXTINGUISHMENT REQUIREMENTS</b> SFRINKLER (NOT REQUIRED)		
<b>DETECTION, ALARM, AND COMMUNICATION SYSTEMS</b> NO		
<b>ALLOWABLE HEIGHT AND BUILDING AREA</b> PER IBC EQUIVALENT CONSTRUCTION TYPE		

## BUILDING CODE INFORMATION

<b>APPLICABLE CODES</b>		
IBC 2015		
OCCUPANCY A-2, ASSEMBLY USES INTENDED FOR FOOD AND DRINK CONSUMPTION (RESTAURANTS) (IBC 2015 CHAPTER 10)		
<b>OCCUPANT LOAD CALCULATIONS</b> (TABLE 1004.1.2)		
ASSEMBLY - UN-CONCENTRATED (TABLES AND CHAIRS)	449 S.F. NET 15 NET / OCCUPANT	30 OCCUPANTS
KITCHEN	321 S.F. GROSS 100 S.F. GROSS / OCCUPANT	4 OCCUPANTS
SERVING AREA	316 S.F. GROSS 100 S.F. GROSS / OCCUPANT	4 OCCUPANTS
<b>TOTAL OCCUPANTS = 38</b>		
<b>CONSTRUCTION TYPE(S)</b> (TABLE 503)		
V B (SECTION 503)		
<b>ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION</b>		
MAXIMUM HEIGHT IN FEET (SECTION 503 & 504, TABLE 503)	40	
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)	MULTI STORY NON-SPRINKLED	6,000 S.F.
ALLOWABLE BUILDING AREA WITH FRONTAGE INCREASE	8,160 S.F.	

## WIND SPEED DESIGN REQUIREMENTS

IMPROVEMENTS TO THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:

WIND DESIGN DATA:

DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY			
ULTIMATE WIND SPEED =	142 MPH (IBC FIG 1609C)	NOMINAL WIND SPEED =	V <sub>wind</sub> = 110 MPH
RISK FACTOR:	CATEGORY 2	SURFACE ROUGHNESS =	C
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	C
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):	± 0.18		
<b>LIVE LOADS (IBC SEC 1607)</b>			
DINING ROOMS AND RESTAURANTS (IBC TABLE 1607.1):	100 PSF		
ASSEMBLY PLATFORMS (IBC TABLE 1607.1):	100 PSF		
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED		
SNOW LOADS (IBC TABLE 1608):			
GROUND SNOW LOAD (IBC FIG 1608.2):	5 PSF		

## FLOOD ZONE INFORMATION

BASED ON THE LSU AGRICULTURE FLOOD MAP THIS PROPERTY IS IN A FLOOD ZONE

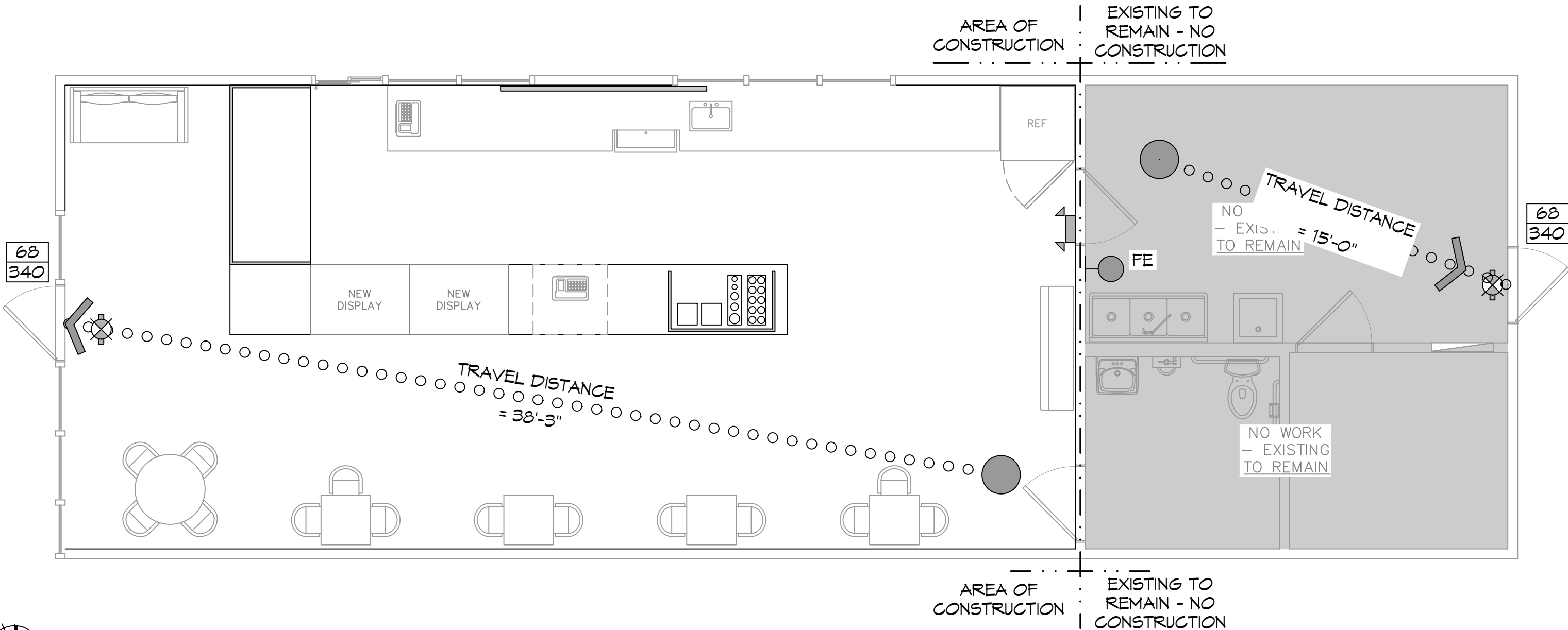
FIRM, COMMUNITY NO. 22103C0519F DATE: 04/30/2008

FLOOD ZONE: AE BASE FLOOD ELEVATION N5VD 13

ELEVATIONS REFER TO NGVD 1929 DATUM

## LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
➤	EXITS
(45)	DOOR FIRE RATINGS (MINUTES)
(36) (170)	DOOR WIDTH/EGRESS CAPACITY
☒	EXIT LIGHT
● FE	FIRE EXTINGUISHER W/ WALL MTD BRACKET
-----	COMMON PATH OF TRAVEL
o o o o o o o o o o	TRAVEL DISTANCE
●	DECISION POINT



## LIFE-SAFETY PLAN

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

## VICINITY MAP



## SHEET INDEX

SHEET #	SHEET TITLE
G101	COVER PAGE
C101	EXISTING SITE PLAN
A101	FLOOR PLAN
A102	REFLECTED CEILING PLAN
A103	INTERIOR ELEVATION PLAN
M104	MILLWORK DETAILS
M101	MECHANICAL PLAN
E101	ELECTRICAL POWER & LIGHTING PLAN

## GENERAL NOTES

1. ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
2. CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
3. THE DRAWINGS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
4. **DO NOT SCALE DRAWINGS.** CONSULT WITH THE ENGINEER REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
5. TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
6. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
7. CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
8. ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED.

# DAMMON

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#	DESCRIPTION	DATE



RENOVATION

P J S C O F F E E

2040 GAUSE BLVD.  
SLIDELL, LA 70461

G101

SHEET No: 1 of 2











FILE NAME: J:\11 - MECHANICAL\11-M101 - 101 - 01.dwg DATE: 2024-10-19 10:10:00 AM PLOT DATE: 2024-10-19 10:10:00 AM PLOT SCALE: 3/8" = 1'-0"

### GENERAL NOTES

1. CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL WRAPPED WITH FIBROUS GLASS DUCT WRAP WITH FPK VAPOR BARRIER, MIN R-6. INSTALLED PER SMACNA STANDARDS. DUCT WORK IMMEDIATELY DOWNSTREAM FROM RTU SHALL BE LINED FOR SOUND ATTENUATION.
2. EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
3. ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
4. DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
5. IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 12E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
6. PROVIDE UL LISTED 125 F° FIRESTAT IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
7. PROVIDE UL RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS OF FIRE-RATED ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE AIR INTAKES AND EXHAUST FANS.
8. CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS F-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
9. ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
10. ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
11. EXHAUST FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
12. PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
13. ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
14. LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS.
15. REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
16. FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
17. ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS 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-E8-14).
18. ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
19. FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0". SUPPORT FLEX DUCT TO PREVENT SAGGING.
20. REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
21. FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
22. PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL AHJ'S. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE, WITH ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR.
23. FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
24. PROVIDE BIRD SCREENS AT ALL EXTERIOR MECHANICAL PENETRATIONS.
25. COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OWNER FURNISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
26. PROVIDE MIN 18 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.

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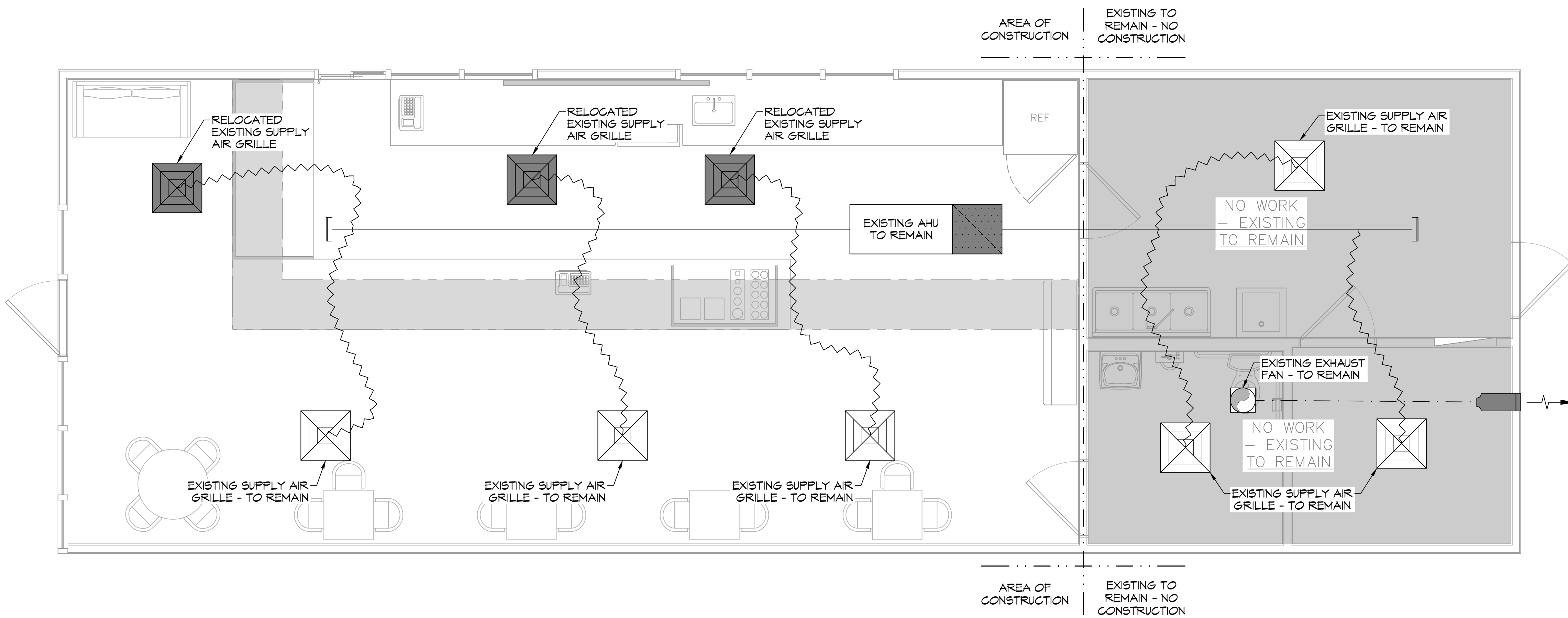
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#	DESCRIPTION	DATE



**11MECHANICAL PLAN**  
SCALE: 3/8" = 1'-0"

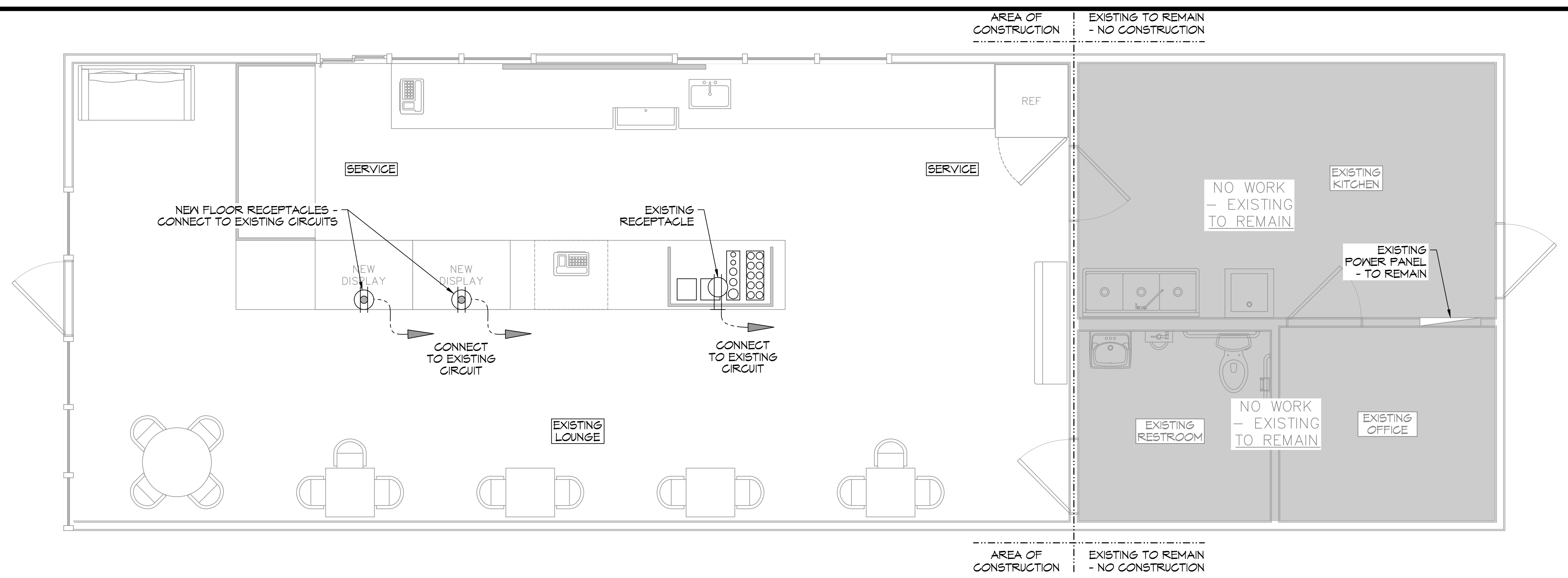
### LEGEND

- NEW FUR DOWN
- EXISTING RETURN AIR GRILLE - TO REMAIN
- EXISTING SUPPLY AIR GRILLE - TO REMAIN
- EXISTING SUPPLY AIR GRILLE - TO BE RELOCATED
- EXISTING SUPPLY AIR GRILLE - NEW LOCATION

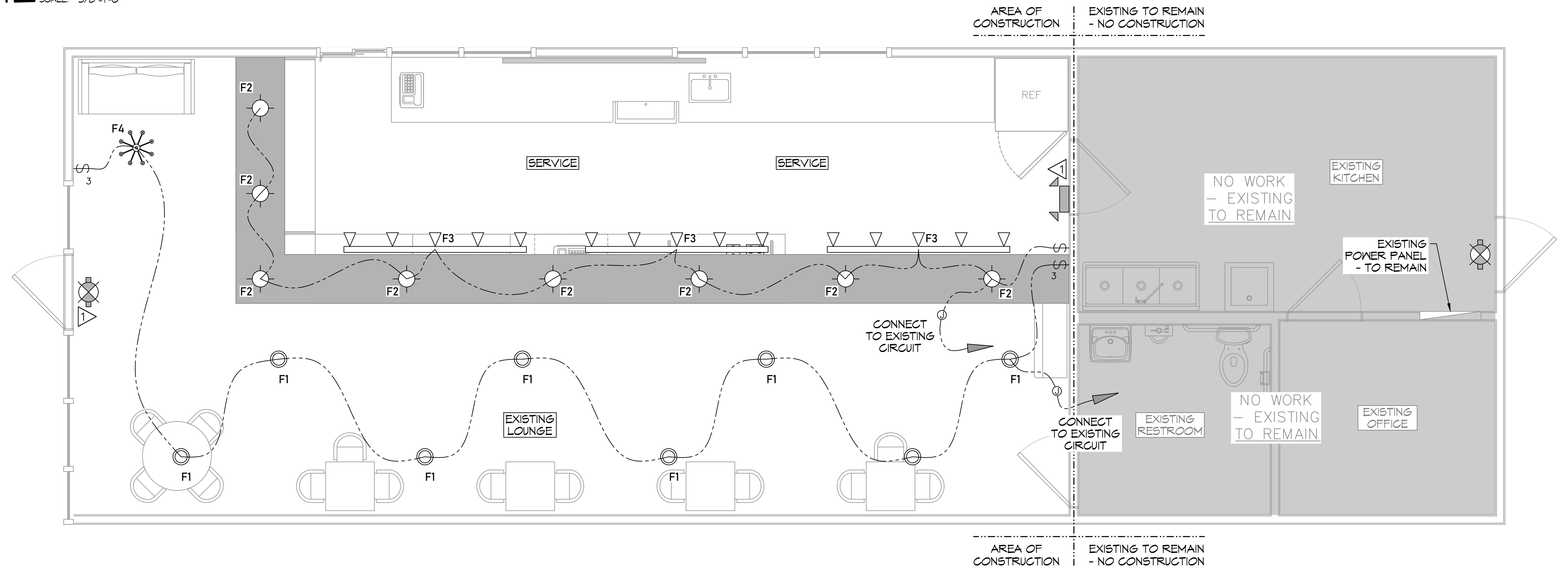
RENOVATION  
**P J S C O F F E E**  
 2040 GAUBE BLVD.  
 SLIDELL, LA 70461  
 JOB No: 2461 DATE: 10-19-2022  
 DRAWN BY: JMS  
 CHECKED BY: TNT

SHEET TITLE:  
 MECHANICAL PLAN  
 DRAWING NUMBER:  
**M101**  
 SHEET No: 7 of 8

PLS. NAME: J... REVISED: 04/24/2022... DATE: 04/24/2022...



**12 POWER PLAN**  
SCALE: 3/8"=1'-0"



**13 LIGHTING PLAN**  
SCALE: 3/8"=1'-0"

**KEYED NOTES**

- △ PROVIDE CONNECTION TO UN-SWITCHED HOT OF LIGHTING CIRCUIT & SHALL HAVE 90 MIN. EMERGENCY BATTERY BACKUP.

**LIGHTING LEGEND**

- F1 NEW 6" LED RECESSED CAN LIGHT
- F2 NEW DECORATIVE PENDANT LIGHT
- ▽ F3 NEW TRACK LIGHT
- ⊗ F4 EXISTING DECORATIVE LIGHT - TO REMAIN
- ⊗ EXISTING EXIT LIGHT - TO REMAIN
- ⊗ EXISTING EMERGENCY LIGHT - TO REMAIN

**GENERAL LIGHTING NOTES**

1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, & LOCAL CODES, RULES, REGULATIONS, & REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
2. GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING & ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT & ENGINEER.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION & MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT & ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS & THE ARCHITECTURAL PLANS RELATING TO QUANTITY, TYPE & LOCATION OF DEVICES &/OR FIXTURES.
4. WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICAL CONTRACTOR SHALL PROVIDE COMPLETE ASSEMBLY INCLUDING ALL PARTS & HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
5. ALL CONDUCTORS SHALL BE A MIN OF #12 AWG UNLESS NOTED OTHERWISE.
6. ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG & 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
7. ALL CONDUCTORS SHALL BE COPPER.
8. WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
9. MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
10. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY & THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.
11. EACH DIMMER SWITCH SHALL HAVE A WATTAGE RATING 25% HIGHER THAN THE TOTAL WATTAGE OF ALL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, & 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR. FLUORESCENT & LOW VOLTAGE DIMMERS SHALL BE LUTRON NOVA T-STAR.
12. ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON & SHALL BURN CONTINUOUSLY.
13. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS & CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.13G.

**GENERAL POWER NOTES**

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE & ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE & CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
2. ALL MATERIALS FURNISHED SHALL BE NEW & SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE & GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES & TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE & FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES & WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY & INCLUDE IN HIS BID ALL CHARGES & FEES INCURRED IN MODIFICATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY & 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 & DETAILS. IF ANY WORK IS INSTALLED & 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 & DETAILS.
9. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN 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 & THE NATIONAL ELECTRICAL CODE.
10. MIN CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MIN SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 3/4" SCHEDULE 80 PVC FOR EXTERIOR USE ABOVE GRADE & 1" SCHEDULE 40 PVC FOR EXTERIOR USE BELOW GRADE. BURIED A MIN OF 18" FOR NON-VEHICULAR TRAFFIC AREAS & 36" IN VEHICULAR TRAFFIC AREAS. EMT SHALL BE USED WITH METAL STUD CONSTRUCTION & ALL ASSEMBLY OCCUPANCIES. USE PVC IN WOOD CONSTRUCTION. 6' LENGTH MC CABLE IS ALLOWED ABOVE DROPPED CEILING. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, & EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).
11. CONTRACTOR SHALL INSTALL WIRING, CIRCUIT BREAKERS & OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
12. ALL 120V RUNS LONGER THAN 60' SHALL BE #10 AWG & 277V RUNS LONGER THAN 150' SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
13. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, & AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF. ALL RECEPTACLES IN THE KITCHEN AREA SHALL HAVE GROUND FAULT PROTECTION.
14. BONDING & GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-63, NFPA 70:250-23, 250-71 & 250-72.
15. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-230.
16. FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
17. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION & ALARM COMPANY TO DESIGN & INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL & THE FIRE DISTRICT.
18. 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 ADJUTING PROPERTY LINE.
19. ALL ELECTRICAL, MECHANICAL & 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 & HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
20. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
21. ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS SHALL PROVIDE AN EFFECTIVE GROUND-FAULT CURRENT PATH BY INSTALLATION IN A METAL RACEWAY SYSTEM OR A MEDICAL GRADE MC CABLE (NEC ART. 517.13(A & B)).

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REVISIONS	DATE	DESCRIPTION



**RENOVATION P J S C O F F E E**

2040 GAUGE BLVD  
SLIDELL, LA 70461

JOB No: 2461 DATE: 10-18-2022  
DRAWN BY: TMT CHECKED BY: GCP

SHEET TITLE:  
**POWER AND LIGHTING PLAN**

DRAWING NUMBER:  
**E101**

SHEET No: 5 of 8