LIFE-SAFETY INFORMATION

APPLICABLE CODES
NFPA 101 LIFE-SAFETY CODE 2015

OCCUPANCIES STORAGE (CHAPTER 42) & BUSINESS (CHAPTER 38);		CONSTRUCTION TYPE V B	
MIXED OCCUPANCIES		*(REFERENCE CHAPTER 6)*	
OCCUPANT LOAD FACTOR		*(REFERENCE TABLE 7.3.1.2)*	
ASSEMBLY (STUDIO):	2,637 S.F.	30 SF NET / OCCUPANT =	88 OCCUPANTS
(OFFICES ACCESSORY):	306 S.F.	100 SF GROSS / OCCUPANT =	3 OCCUPANTS
(KITCHEN ACCESSORY):	657 S.F.	100 SF GROSS / OCCUPANT =	6 OCCUPANTS
STORAGE (WAREHOUSE)	1,782 S.F.	500 SF GROSS / OCCUPANT =	7 OCCUPANTS

TOTAL OCCUPANTS = 104 OCCUPANTS

CLASSIFICATION OF HAZARD OF CONTENTS
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2: SPECIFY LOW, ORDINARY, OR HIGH) — LOW HAZARD

CONSTRUCTION TYPE(S) *(REFERENCE: CHAPTER8, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)*
3 (200)

FIRE SEPARATION BETWEEN ASSEMBLY AND STORAGE : 2 HRs (TABLE 6.1.14.4.1(a))

MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)

1/2 DIAGONAL ASSEMBLY=	93.5 FT / 2 = 46.7 FT	SECTION 42.2.4.1 LOW AND ORDINARY HAZARD STORAGE OCCUPANCIES & SECTION 38.2.4.2 FOR BUSINESS ALLOWS FOR SINGLE MEANS OF EGRESS	
MAXIMUM DEAD-END CORRIDORS		*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	20 (ASSEM.) & 50 (STOR.)
MAXIMUM COMMON PATH OF TRAVEL DISTANCE		*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	75 (ASSEM.) & 50 (STOR)
MAXIMUM TRAVEL DISTANCE TO EXITS		*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	200 (ASSEM) & 200 (STOR)

EXTINGUISHMENT REQUIREMENTS	**SPRINKLER (NOT REQUIRED)**
DETECTION, ALARM, AND COMMUNICATION SYSTEMS	NONE REQUIRED (12.3.4.4 - 42.3.4.4)
ALLOWABLE HEIGHT AND BUILDING AREA	PER IBC EQUIVALENT CONSTRUCTION TYPE

BUILDING CODE

APPLICABLE CODES
IBC 2015

OCCUPANCY A-3 ASSEMBLY, B (OFFICE), S-2 (WAREHOUSE) ; MIXED OCCUPANCIES *(IBC 2015 CHAPTER 10)*

OCCUPANT CALCULATIONS	SQUARE FOOTAGE	(TABLE 1004.1.2)	
A-3 (STUDIO)	2,637 S.F.	30 NET	88 OCCUPANTS
(OFFICES ACCESSORY):	306 S.F.	100 GROSS	3 OCCUPANTS
(KITCHEN ACCESSORY):	657 S.F.	200 GROSS	3 OCCUPANTS
S-2 (WAREHOUSE)	1,782 S.F.	500 GROSS	3 OCCUPANTS
TOTAL OCCUPANTS			104 OCCUPANTS

CONSTRUCTION TYPE(S) *(TABLE 503)*
3 B *(SECTION 503)*

FIRE SEPARATION BETWEEN ASSEMBLY AND STORAGE (S2) = 1 HOUR (IBC 2015 TABLE 508.4)

ALOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION

MAXIMUM HEIGHT IN FEET *(SECTION 503 & 504, TABLE 504.3)*	NON-SPRINKLED	55
MAXIMUM NUMBER OF STORIES *(SECTION 503 & 504, TABLE 504.4)*	NON-SPRINKLED	2
MAXIMUM AREA IN SQUARE FEET *(SECTION 503, 506 & 507, TABLE 506.2)*	NON-SPRINKLED	8,500 S.F.

WIND SPEED DESIGN REQUIREMENTS

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 (1), (2), OR (3) DEPENDING ON THE RISK CATEGORY

WIND SPEED Vult =		143 MPH (IBC FIG 1609.3(1))	
NOMINAL DESIGN WIND SPEED Vasd =		111 MPH (Vult x $(0.6)^{\frac{1}{2}}$)	
RISK CATEGORY:	CATEGORY II BLDG	SURFACE ROUGHNESS =	B
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	C
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):		± 0.18	

LIVE LOADS (IBC SEC 1607)

STORAGE WAREHOUSE, LIGHT DUTY (IBC TABLE 1607.1):	125 PSF
OFFICE LOBBIES & CORRIDORS 1ST FLOOR	100 PSF
OFFICES (IBC TABLE 1607.1):	50 PSF
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED

SNOW LOADS (IBC SEC 1608):

GROUND SNOW LOAD (IBC FIG 1608.2): 5 PSF

FLOOD ZONE INFORMATION

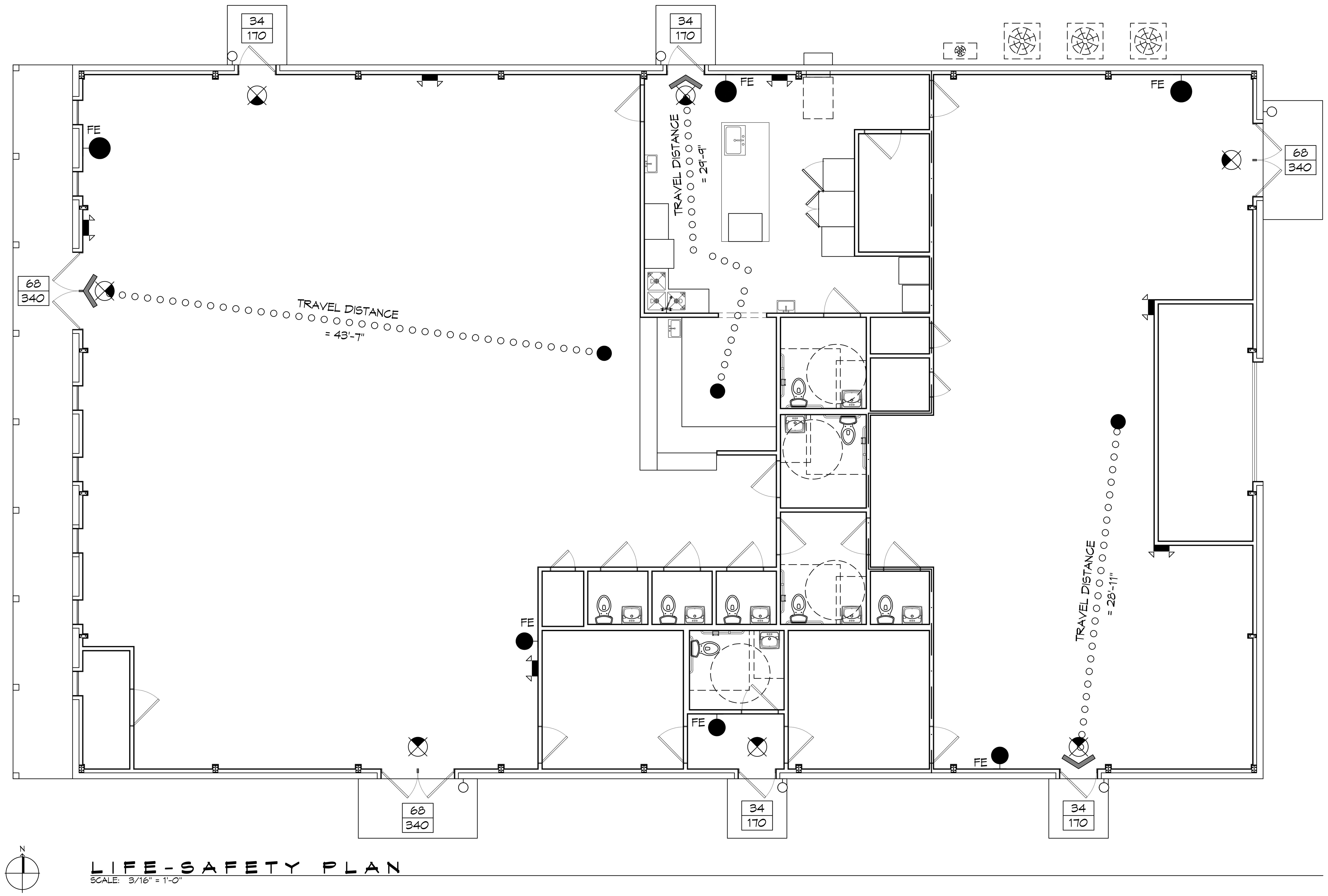
BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES AND ASSOCIATES. THIS PROPERTY IS IN FLOOD ZONE A1

FIRM, COMMUNITY NO. 225205 0440 D DATE: 04/21/1991

FLOOD ZONE: A1 — BASE FLOOD ELEVATION 12 FT

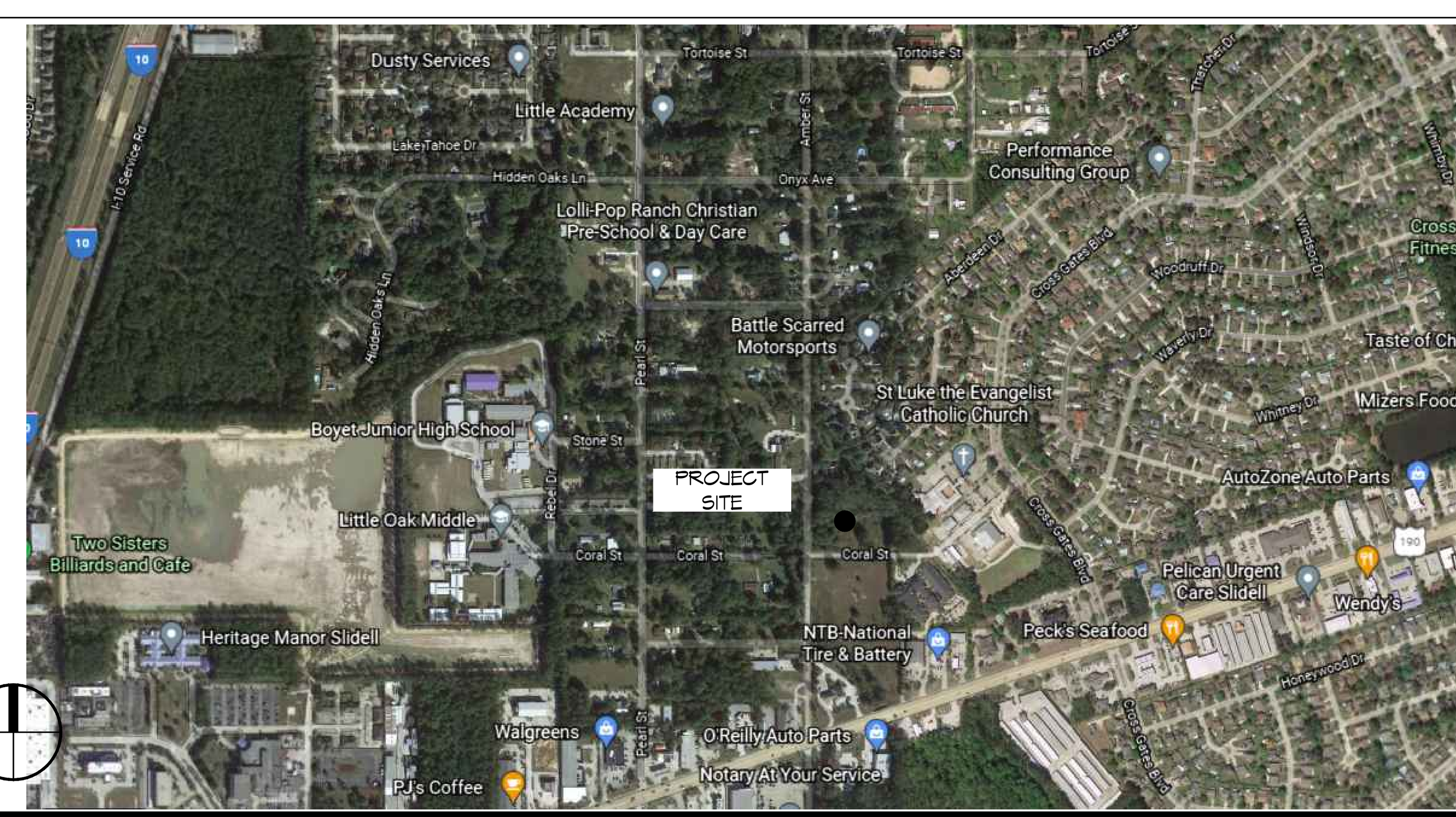
LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
	EXITS
45	DOOR FIRE RATING (MINUTES)
	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
• FE	FIRE EXTINGUISHER W/ WALL MTD BRACKET
	COMMON PATH OF TRAVEL
	TRAVEL DISTANCE
	DECISION POINT



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

VICINITY MAP



SHEET INDEX

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
G102	ACCESSIBILITY INFORMATION
C101	SITE PLAN
C102	SITE DRAINAGE PLAN
C103	SITE PAVING PLAN
C104	EROSION CONTROL PLAN
A101	FLOOR PLAN
A102	EXTERIOR ELEVATIONS
P101	PLUMBING PLAN
M101	MECHANICAL PLAN
E101	POWER AND LIGHTING PLAN
E102	PANEL SCHEDULE AND ONE LINE

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.
6. TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
7. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
8. CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
9. ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

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NEW BUILDING
DREW MANUAL
40081 CORAL STREET
SLIDELL, LA 70416

JOB No:		DATE:	11-15-2021
DRAWN BY:	CKD	CHECKED BY:	JMS

SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101

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