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)*	
BUSINESS : 1500 S.F.	100 SF GROSS / OCCUPANT =	15
STORAGE; 6450 S.F.	500 SF GROSS / OCCUPANT =	12.9
TOTAL OCCUPANTS = 27.9		
CLASSIFICATION OF HAZARD OF CONTENTS		
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2; SPECIFY LOW, ORDINARY, OR HIGH)		ORDINARY HAZARD
CONSTRUCTION TYPE(S)	*(REFERENCE: CHAPTER 8, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)*	
VB		
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 = N/A	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
MAXIMUM COMMON PATH OF TRAVEL DISTANCE	*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	50
MAXIMUM TRAVEL DISTANCE TO EXITS	*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	200
EXTINGUISHMENT REQUIREMENTS	**SPRINKLER (NOT REQUIRED)**	
DETECTION, ALARM, AND COMMUNICATION SYSTEMS	NO 2.3.4.1 - 42.3.4.4)	
ALLOWABLE HEIGHT AND BUILDING AREA	PER IBC EQUIVALENT CONSTRUCTION TYPE	

BUILDING CODE

APPLICABLE CODES

IBC 2015

OCCUPANCY B (OFFICE), S-2 (WAREHOUSE) ; MIXED OCCUPANCIES		*(IBC 2015 CHAPTER 10)*	
OCCUPANT CALCULATIONS	SQUARE FOOTAGE	(TABLE 1004.1.2)	
BUSINESS	1500 S.F.	100 GROSS	15 OCCUPANTS
S-2 WAREHOUSE	6450 S.F.	500 GROSS	12.9 OCCUPANTS
TOTAL OCCUPANTS			27.9 OCCUPANTS
CONSTRUCTION TYPE(S)		*(TABLE 503)*	
V B *(SECTION 503)*			
ALOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION			
MAXIMUM HEIGHT IN FEET *(SECTION 503 & 504, TABLE 504.3)*			40
MAXIMUM NUMBER OF STORIES *(SECTION 503 & 504, TABLE 504.4)*			2
MAXIMUM AREA IN SQUARE FEET *(SECTION 503, 506 & 507, TABLE 506.2)*			9,000

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 =		134 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

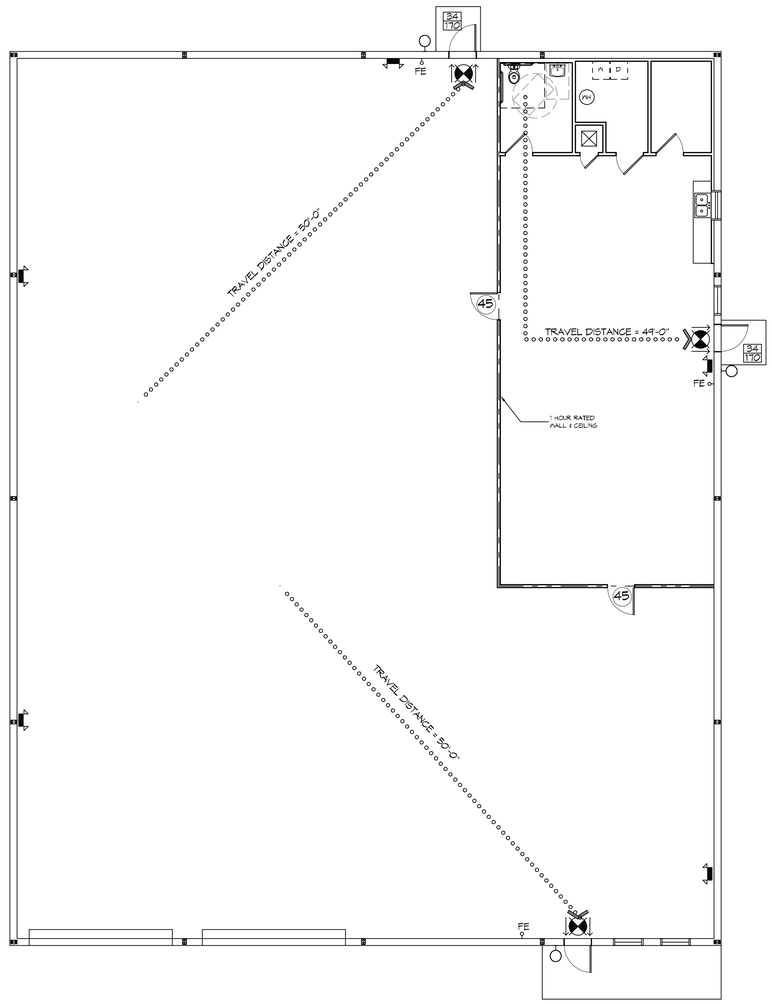
BASED ON THE SURVEY OF THIS PROPERTY BY GENERAL ENGINEERING SERVICES. THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA.

FIRM, COMMUNITY NO. 225205 0245 C, DATED OCTOBER 17, 1989

FLOOD ZONE:	A-3	BASE FLOOD ELEVATION	29.5'

LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
	EXITS
45	DOOR FIRE RATING (MINUTES)
36 / 1750	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
FE	FIRE EXTINGUISHER W/ WALL MTD BRACKET
	COMMON PATH OF TRAVEL
	TRAVEL DISTANCE
	DECISION POINT



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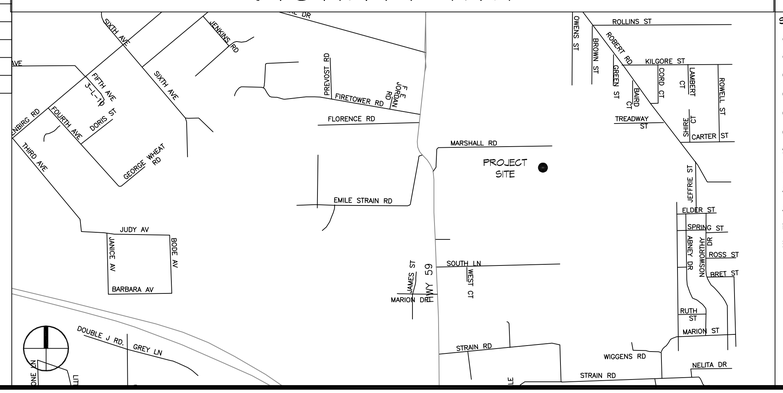
LIFE-SAFETY PLAN

SCALE: 1/8" = 1'-0"

VICINITY MAP



SHEET INDEX

SHEET #	SHEET TITLE
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C104	SITE DRAINAGE PLAN
S101	FOUNDATION PLAN AND DETAILS
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A101	FLOOR PLAN
A102	EXTERIOR ELEVATIONS
M/P101	MECHANICAL AND PLUMBING PLAN
E101	POWER AND 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.
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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Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

SEAL:

NEW OFFICE WAREHOUSE
MIKE SCHWARTZ
217 GENERAL PATTON
MANDEVILLE, LA

JOB No:	2409
DRAWN BY:	CAD
CHECKED BY:	JMS
DATE:	03-16-2020

THE DESIGN SHOWN AND DESCRIBED IN THESE PLANS AND SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO THE FLOOR PLANS, ELEVATIONS, SECTIONS, DETAILS, RENDERINGS AND ELECTRONIC FORMATS, IS AND AT ALL TIMES SHALL REMAIN THE PROPERTY OF DAMMON ENGINEERING, INC. AND WERE CREATED, EVOLVED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT AND NOT FOR ANY OTHER PROJECT. NONE OF THESE DESIGNS, PLANS OR SPECIFICATIONS NOR ANY COPIES THEREOF SHALL BE USED FOR ANY PURPOSE WHATSOEVER EXCEPT WITH THE WRITTEN PERMISSION OF DAMMON ENGINEERING, INC. AND ANY UNAUTHORIZED USE SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY TO DAMMON ENGINEERING, INC. AND ITS CONSULTANTS. SUBMISSION OR DISTRIBUTION OF THESE PLANS TO MEET OFFICIAL REGULATORY REQUIREMENTS OR FOR OTHER PURPOSES IN CONNECTION WITH THE PUBLISHED PROJECT IS NOT TO BE CONSTRUED AS PUBLICATION IN DEROGATION OF DAMMON ENGINEERING, INC. OR ITS CONSULTANTS' COMMON LAW COPYRIGHT OR OTHER RESERVED RIGHTS.

SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101

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