LEGACY BUICK GMC SERVICE AND OFFICE BUILDING RENOVATIONS

LIFE-SAFETY INFORMATION

APPLICABLE CODES
NFPA 101 LIFE-SAFETY CODE 2015

OCCUPANCIES STORAGE (CHAPTER 42), BUSINESS (CHAPTER 38) & MERCANTILE (CHAPTER 36); CONSTRUCTION TYPE IIB

MIXED OCCUPANCIES *(REFERENCE CHAPTER 6)*

OCCUPANT LOAD FACTOR *(REFERENCE TABLE 7.3.1.2)*

B (OFFICES)	535 S.F.	100 SF GROSS / OCCUPANT =	5 OCCUPANTS
M (PARTS & WATING AREA)	2,410 S.F.	30 SF GROSS / OCCUPANT =	40 OCCUPANTS

TOTAL OCCUPANTS = 122 OCCUPANTS

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

CONSTRUCTION TYPE(S) *(REFERENCE: CHAPTER 8, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)*
2 (000)

MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS
(REFERENCE: SECTION 7.5; SPECIFY $\frac{1}{2}$ (NON-SPRINKLED) OR $\frac{1}{3}$ (SPRINKLED) DIAGONAL DISTANCE OF AREA SERVED)

1/2 DIAGONAL (MERCANTILE)= 67.1 FT / 2 = 33.1 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)*	50 (S), 50 (B), 20 (M)
MAXIMUM COMMON PATH OF TRAVEL DISTANCE	*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	50 (S), 75 (B), 75 (M)
MAXIMUM TRAVEL DISTANCE TO EXITS	*(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*	200 (S), 200 (B), 150 (M)

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 2021

OCCUPANCY B (BUSINESS OFFICES), M (MERCANTILE AT PARTS AND WAITING AREA)

OCCUPANT CALCULATIONS SQUARE FOOTAGE (TABLE 1004.5)

B (OFFICES)	535 S.F.	150 S.F. / PERSON	3 OCCUPANTS
M (PARTS & WATING AREA)	2,410 S.F.	60 S.F. / PERSON	40 OCCUPANTS
TOTAL OCCUPANTS			43 OCCUPANTS

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

ALOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION

MAXIMUM ALLOWABLE HEIGHT IN FEET *(SECTION 503 & 504, TABLE 504.3)*	NON-SPRINKLED	55
MAXIMUM ALLOWABLE NUMBER OF STORIES *(SECTION 503 & 504, TABLE 504.4)*	NON-SPRINKLED	2
MAXIMUM ALLOWABLE AREA IN SQUARE FEET *(SECTION 503, 506 & 507, TABLE 506.2)*	NON-SPRINKLED	17,500 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 =	B
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

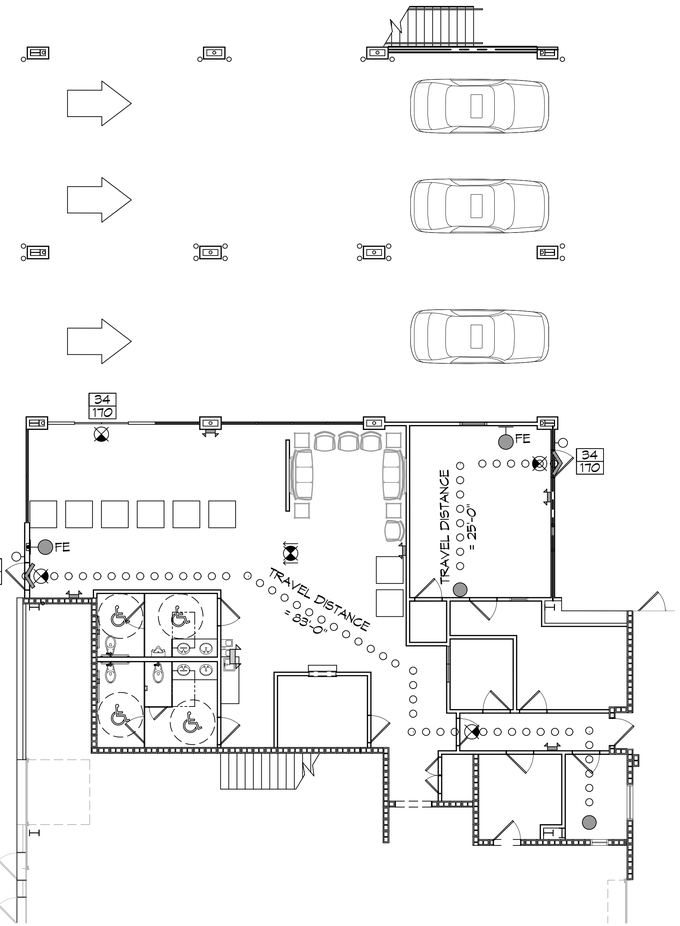
BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES AND ASSOCIATES. THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA.

FIRM, COMMUNITY NO. 225205 0545 D DATE: 04/02/1991

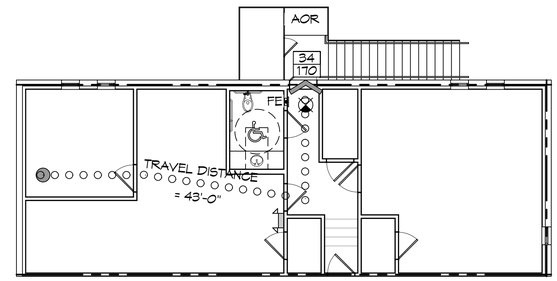
FLOOD ZONE:	A10	BASE FLOOD ELEVATION	13 FT

LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
	EXITS
45	DOOR FIRE RATING (MINUTES)
36 / 170	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: 1/8" = 1'-0" FIRST FLOOR

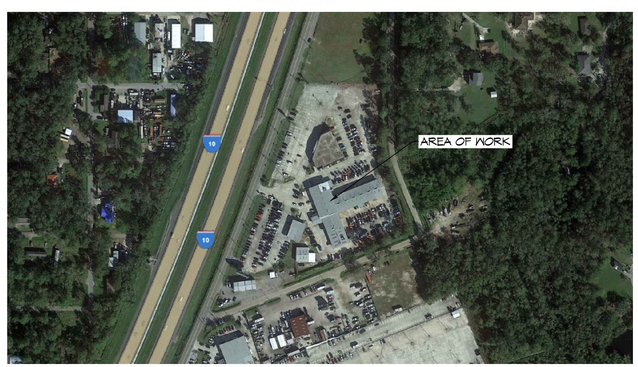


LIFE-SAFETY PLAN
SCALE: 1/8" = 1'-0" SECOND FLOOR

PROJECT DESCRIPTION

RENOVATIONS TO THE EXISTING TWO BAY SERVICE AREA WILL BE INCREASED TO A THREE LANE SERVICE AREA BY REMOVING AND RELOCATING THE EXISTING GROUND FLOOR OFFICES NEXT THE EXISTING WAITING ROOM ALONG WITH NEW ADA RESTROOMS.

VICINITY MAP



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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:

NEW SERVICE AREA
LEGACY BUICK GMC SLIDELL
295 E HOWZE BEACH RD.
SLIDELL, LA 70460

JOB No:	24TT	DATE:	12-12-2023
DRAWN BY:	CKD	CHECKED BY:	JMS

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SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101

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