LIFE-SAFETY INFORMATION

APPLICABLE CODES
NFPA 101 LIFE-SAFETY CODE 2012

OCCUPANCY TYPE(S) AND CHAPTER(S)
ROOMING OR LODGING (CHAPTER 26)
BUSINESS (CHAPTER 38)
STORAGE (S-2) (CHAPTER 42)
MULTIPLE, MIXED, OR SEPARATE OCCUPANCY *(REFERENCE CHAPTER 6)*

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

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

MINIMUM CONSTRUCTION REQUIREMENTS *(REFERENCE OCCUPANCY CHAPTER)*

APPLICABLE DEFINITIONS *(REFERENCE: CHAPTER 2)*
N/A

OCCUPANCY
OCCUPANCY LOAD CALCULATIONS *(REFERENCE: TABLE 7.3.1.2)*

OCC/FUNCTION OF SPACE	FLOOR AREA PER OCC (SF) X	ACTUAL SF	OCCUPANT LOAD
BUSINESS	100	1,714 SF	18
STORAGE (S-2)	500	4,246 SF	8
	TOTAL	6,020 SF	26

INCIDENTAL USE AREAS AND REQUIRED SEPARATION

ROOM OR AREA	SEPARATION
N/A	

MEANS OF EGRESS
NUMBER OF EXITS *(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*
3

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 = 58'-3"

MAXIMUM DEAD-END CORRIDORS *(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*
BUSINESS 20' STORAGE 50'

MAXIMUM COMMON PATH OF TRAVEL DISTANCE *(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*
BUSINESS 75' STORAGE 50'

MAXIMUM TRAVEL DISTANCE TO EXITS *(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*
BUSINESS 200' STORAGE 200'

CAPACITY OF MEANS OF EGRESS *(REFERENCE: 7.3 AND TABLE 7.3.3.1)*

COMPONENT	OCCUPANT LOAD	X CAPACITY FACTOR	MINIMUM WIDTH
EXITS	26	0.2	5"

*MAIN ENTRANCE MUST BE SIZED TO ACCOMODATE 1/2 OCCUPANT LOAD OF BUILDING

FIRE RESISTANCE RATING REQUIREMENTS
CHAPTER 8

EXTERIOR BEARING WALLS	(REFERENCE TABLE A.8.2.1.2	0 HOURS
INTERIOR BEARING WALLS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
COLUMNS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
BEAMS, GIRDERS, TRUSSES, AND ARCHES	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
FLOOR-CEILING ASSEMBLIES	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
ROOF-CEILING ASSEMBLIES	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
INTERIOR NON-BEARING WALLS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
EXTERIOR NON-BEARING WALLS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
SHAFT ENCLOSURE	*(SECTION 8.6.5)*	0 HOURS
EXIT ENCLOSURE		1 HOUR

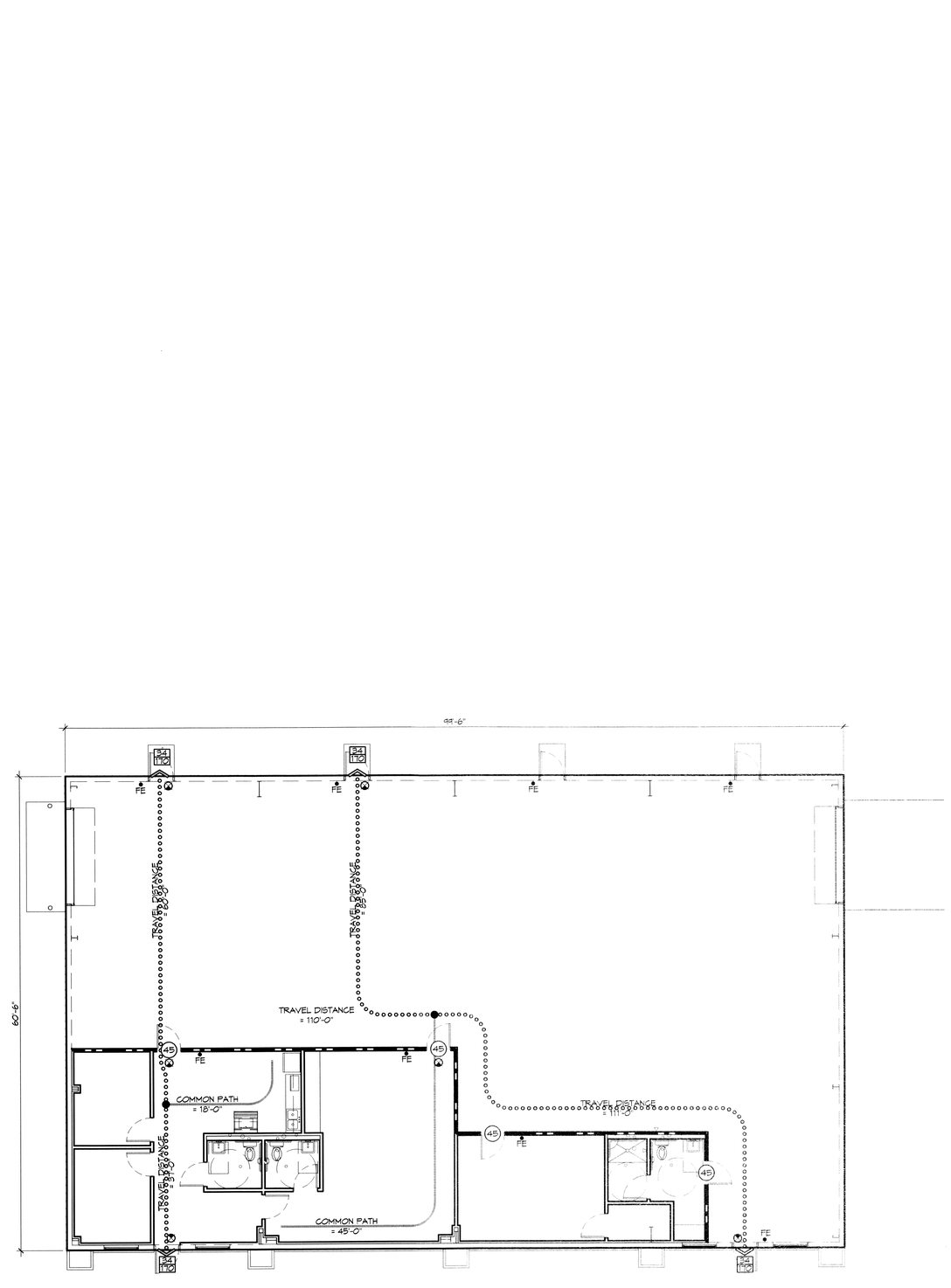
OPENING PROTECTIVES *(CHAPTER 8, TABLE 8.3.4.2)*

COMPONENT	WALLS & PART FIRE RATING (HR)	FIRE DOOR ASSEMBLIES	FIRE WINDOW ASSEMBLIES (HR)
ELEVATOR	1 HR	1 HR	1 HR
STAIRWAYS	1 HR	1 HR	1 HR
SMOKE BARRIERS	1 HR	1/3 HR	1/3 HR
ADDITIONAL CODE REQUIREMENTS		*(OCCUPANCY CHAPTER 36)*	

EXTINGUISHMENT REQUIREMENTS	NOT SPRINKLERED
DETECTION, ALARM, AND COMMUNICATION SYSTEMS	NO
EMERGENCY LIGHTING	PER 38.2.6
EMERGENCY LIGHTING	PER 38.2.11.2
ALLOWABLE HEIGHT AND BUILDING AREA	PER IBC EQUIVALENT CONSTRUCTION TYPE
CONSTRUCTION TYPE (NFPA)	III(000)
CONSTRUCTION TYPE (IBC)	IIIB
MAXIMUM HEIGHT IN STORIES *(REF: IBC TABLE 503)*	(S-2) 3 (B) 3
MAXIMUM HEIGHT IN FEET *(REF: IBC TABLE 503)*	55 FEET
MAXIMUM AREA IN SQUARE FEET *(REF: IBC TABLE 503)*	(S-2) 26,000 SF (B) 19,000 SF

LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
	EXITS
45	DOOR FIRE RATING (MINUTES)
34 / 11.5	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
FEC	FIRE EXTINGUISHER AND CABINET - SEMI-RECESSED
FE	FIRE EXTINGUISHER W/ WALL MTD BRACKET
	COMMON PATH OF TRAVEL
	TOTAL TRAVEL DISTANCE
	DECISION POINT
	SMOKE PARTITION
	ONE-HOUR FIRE RATED PARTITION
	TWO-HOUR FIRE RATED PARTITION
	TWO-HOUR FIRE/SMOKE PARTITION
	FOUR-HOUR RATED PARTITION



N

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

BUILDING CODE INFORMATION

APPLICABLE CODES
IBC 2012

OCCUPANCY TYPE OF GROUP(S) *(IBC 2012 CHAPTER 13)*
STORAGE (S-2)
BUSINESS (B)

CONSTRUCTION TYPE(S) *(TABLE 503)*
IIIB

ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION

MAXIMUM HEIGHT IN STORIES *(SECTION 503 & 504, TABLE 503)*		3
MAXIMUM AREA IN SQUARE FEET *(SECTION 503, 506 & 507, TABLE 503)*	(S-2)	26,000 SF
	(B)	36,000 SF

MIXED USED OCCUPANCY
SECTION 508
INCIDENTAL ACCESSORY OCCUPANCIES (HR) *(TABLE 508.2.5)*

ROOM OR AREA	SEPARATION
N/A	N/A

REQUIRED SEPARATION OR OCCUPANCIES (HR) *(TABLE 508.4)*
N/A

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
CHAPTER 6, TABLE 601

STRUCTURAL FRAMES	0 HOURS
EXTERIOR BEARING WALLS	0 HOURS
INTERIOR BEARING WALLS	0 HOURS
EXTERIOR NON-BEARING WALLS	0 HOURS
INTERIOR NON-BEARING WALLS	0 HOURS
FLOOR CONSTRUCTION (NC SUPPORTING BEAMS & JOISTS)	0 HOURS
ROOF CONSTRUCTION (NC SUPPORTING BEAMS & JOISTS)	0 HOURS
FIRE-RESISTANCE RATING FOR EXT WALLS BASED ON FIRE-SEPARATION DISTANCE *(TABLE 602)*	0 HOURS

MAXIMUM AREA OF EXTERIOR WALL OPENINGS
TABLE 705.8

NOTES ON SPECIFIC, PERTINENT PLAN ISSUES
15' SEPARATION UNLIMITED (UNPROTECTED, NOT SPRINKLERED)

FIRE WALLS
SECTION 706, TABLE 706.4
REQUIRED? NO
IF YES THEN NOTE REQUIRED RATING

FIRE BARRIERS
SECTION 707

SHAFT ENCLOSURE(S) - NOT REQUIRED RATING (SECTION 708.4)	NO PER 708.2.7.1
EXIT ENCLOSURE - NOTE REQUIRED RATING *(SECTION 1022.1)*	1 HOUR
EXIT PASSAGEWAY - NOTE REQUIRED RATING *(SECTION1023.3)*	1 HOUR
HORIZONTAL EXIT - NOTE REQUIRED RATING *(SECTION 1025.1)*	2 HOURS
ATRIUMS - NOTE REQUIRED RATING *(SECTION 404.6)*	N/A
SEPARATION FROM STAGE *(SECTION 410.5)*	N/A

OCCUPANT LOADS
(IBC 2012, SECTION 1004, TABLE 1004.1.1)
FIRST FLOOR

OCCUPANCY/FUNCTION SPACE	FOOR AREA/OCCUPANT (SF)	X ACTUAL SF	OCCUPANT LOAD
B	100	1,714	18
S-2	500	4,246	8

EXIT REQUIREMENTS
(IBC 2012 SECTION 1005)
NUMBER OF ACCESSIBLE MEANS OF EGRESS REQUIRED PER FLOOR *(TABLE 1015.1 & 1021.1)*

FLOOR	# MEANS OF EGRESS REQUIRED
BUSINESS (B)	2
STORAGE (S-2)	2

TOTAL WIDTH OF EXITS
(OCCUPANT LOAD/# OF MEANS OF EGRESS) X (FACTOR IN SECTION 1005)

OCCUPANT LOAD	# OF EXITS PROVIDED	MULTIPLIER *(SECTION 1005.1)*	MINIMUM EXIT WIDTH (INCHES)
26	6	0.2	31.5
MAXIMUM EXIT ACCESS TRAVEL DISTANCE		*(TABLE 1016.1)*	200'
MINIMUM CORRIDOR WIDTH		*(SECTION 1018.1 & 1005.1)*	36"
MAXIMUM DEAD END CORRIDOR		*(SECTION 1018.4)*	20'
MAXIMUM COMMON PATH OF TRAVEL		*(SECTION 1014.3)*	100'

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 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY

BASIC WIND SPEED (3 SECOND GUST) =	130 MPH (FIG 1609)		
RISK FACTOR:	CATEGORY II BLDG	SURFACE ROUGHNESS =	B
TOPOGRAPHIC FACTOR =	1		
DESIGN WIND PRESSURE (ASCE 7-10):	33.6 PSF		
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10:	± 0.18		

LIVE LOADS (SEC 1607)

ASSEMBLY AREA W/ MOVEABLE SEATS (TABLE 1607.1.):	100 PSF
OFFICE (TABLE 1607.1.):	50 PSF
ROOF LIVE LOADS (TABLE 1607.1.):	20 PSF UNIFORM, 300 LB CONCENTRATED
SNOW LOADS (TABLE 1608):	
GROUND SNOW LOAD (FIG 1608.2):	5 PSF

FLOOD ZONE INFORMATION

BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES AND ASSOCIATES, INC. THIS PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA. F.I.R.M. COMMUNITY MAP NO 220204 0010 C; REVISED 4/21/98

FLOOD ZONE:	X	BASE FLOOD ELEVATION	N/A

ELEVATIONS REFER TO NGVD 1929 DATUM

462699
REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY WILLIAM D. JONES, ARCHITECT, CBO

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#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

1/15/15

OFFICE BUILDOUT FOR
VBR ENTERPRISES
176 STRAWBERRY STREET
SLIDELL, LOUISIANA 70460

JOB No: 2221 | DATE: 01-14-15
DRAWN BY: KK | CHECKED BY: KK

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SHEET TITLE:
LIFE-SAFETY AND BUILDING CODE INFORMATION

DRAWING NUMBER:
LS101

SHEET No: 3 of 11