



LIFE-SAFETY PLAN		BUILDING CODE INFORMATION	
APPLICABLE CODES NFPA 101 LIFE-SAFETY CODE 2012 OCCUPANCY TYPE(S) AND CHAPTER(S) ROOMS OR LODGINGS (CHAPTER 20) BUSINESS (CHAPTER 30) STORAGE (5-2) (CHAPTER 42) MULTIPLE MIXED OR SEPARATE OCCUPANCY CLASSIFICATION OF HAZARD OF CONTENTS (REFERENCE: OCCUPANCY CHAPTER AND 6.2.2 SPECIFICATION, COMMON, OR HIGH) CONSTRUCTION TYPE(S) (REFERENCE: CHAPTERS, TABLE A.2.1.2 AND COMMENTARY, TABLE B.1 IN HANDBOOK) MINIMUM CONSTRUCTION APPLICABLE DEFINITIONS (REFERENCE: CHAPTER 2) N/A		APPLICABLE CODES IBC 2012 CHAPTER 10 OCCUPANCY TYPE OF GROUP(S) (IBC 2012 CHAPTER 10) STORAGE (5-2) BUSINESS (B) CONSTRUCTION TYPE(S) (TABLE 603) ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION MAXIMUM HEIGHT IN STORES (SECTION 503 & 504, TABLE 503) MAXIMUM HEIGHT IN SQUARE FEET (SECTION 503, 504 & 507, TABLE 503) MAXIMUM AREA IN SQUARE FEET (SECTION 503, 504 & 507, TABLE 503) MIXED USED OCCUPANCY (SECTION 509) INCIDENTAL ACCESSORY OCCUPANCIES (N/A) (TABLE 509.2.2) ROOM OR AREA N/A	
OCCUPANCY OCCUPANCY LOAD CALCULATIONS OCCUPANCY OF SPACE BUSINESS STORAGE (5-2) TOTAL INCIDENTAL USE AREAS AND REQUIRED SEPARATION ROOM OR AREA N/A		APPLICABLE CODES IBC 2012 CHAPTER 10 OCCUPANCY TYPE OF GROUP(S) (IBC 2012 CHAPTER 10) STORAGE (5-2) BUSINESS (B) CONSTRUCTION TYPE(S) (TABLE 603) ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION MAXIMUM HEIGHT IN STORES (SECTION 503 & 504, TABLE 503) MAXIMUM HEIGHT IN SQUARE FEET (SECTION 503, 504 & 507, TABLE 503) MAXIMUM AREA IN SQUARE FEET (SECTION 503, 504 & 507, TABLE 503) MIXED USED OCCUPANCY (SECTION 509) INCIDENTAL ACCESSORY OCCUPANCIES (N/A) (TABLE 509.2.2) ROOM OR AREA N/A	
MEANS OF EGRESS NUMBER OF EXITS 9 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 * 59'-9" MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) BUSINESS 20' MAXIMUM COMMON PATH OF TRAVEL (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) BUSINESS 75' MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) BUSINESS 200' CAPACITY OF MEANS OF EGRESS COMPONENT (REFERENCE: TABLE 7.3.3.1) EXITS 28 MAIN ENTRANCE MUST BE SIZED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING X OCCUPANT FACTOR 5 FIRE RESISTANCE RATING REQUIREMENTS CHARTERS & INTERIOR BEARING WALLS (REFERENCE: TABLE A.8.2.1.2) 0 HOURS INTERIOR BEARING WALLS (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 (CHAPTER 8, TABLE 8.6.4.2) 1 HOUR OPENING PROTECTIVES WALL PART FIRE RATINGS (HR) FIRE DOOR ASSEMBLIES (HR) ELEVATOR 1 HR 1 HR STAIRWAYS 1 HR 1 HR SMOKE BARRIERS (OCCUPANCY CHAPTER 30) 1/3 HR		MEANS OF EGRESS NUMBER OF EXITS 9 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 * 59'-9" MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) BUSINESS 20' MAXIMUM COMMON PATH OF TRAVEL (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) BUSINESS 75' MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) BUSINESS 200' CAPACITY OF MEANS OF EGRESS COMPONENT (REFERENCE: TABLE 7.3.3.1) EXITS 28 MAIN ENTRANCE MUST BE SIZED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING X OCCUPANT FACTOR 5 FIRE RESISTANCE RATING REQUIREMENTS CHARTERS & INTERIOR BEARING WALLS (REFERENCE: TABLE A.8.2.1.2) 0 HOURS INTERIOR BEARING WALLS (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 (CHAPTER 8, TABLE 8.6.4.2) 1 HOUR OPENING PROTECTIVES WALL PART FIRE RATINGS (HR) FIRE DOOR ASSEMBLIES (HR) ELEVATOR 1 HR 1 HR STAIRWAYS 1 HR 1 HR SMOKE BARRIERS (OCCUPANCY CHAPTER 30) 1/3 HR	
EXTINGUISHMENT REQUIREMENTS NOT SPRINKLERED DETECTION ALARM AND COMMUNICATION NO SYSTEMS PER 9.9.2.6 EMERGENCY LIGHTING PER 9.9.2.11.2 EMERGENCY LIGHTING PER BC EQUIVALENT CONSTRUCTION TYPE ALLOWABLE HEIGHT AND BUILDING AREA CONSTRUCTION TYPE (NFPA) IIB CONSTRUCTION TYPE (IBC) IIB MAXIMUM HEIGHT (REF. IBC TABLE 503) (B) 3 MAXIMUM HEIGHT IN (REF. IBC TABLE 503) 95 FEET FEET MAXIMUM AREA IN SQUARE FEET (REF. IBC TABLE 503) (B) 19,000 SF (B) 19,000 SF		EXTINGUISHMENT REQUIREMENTS NOT SPRINKLERED DETECTION ALARM AND COMMUNICATION NO SYSTEMS PER 9.9.2.6 EMERGENCY LIGHTING PER 9.9.2.11.2 EMERGENCY LIGHTING PER BC EQUIVALENT CONSTRUCTION TYPE ALLOWABLE HEIGHT AND BUILDING AREA CONSTRUCTION TYPE (NFPA) IIB CONSTRUCTION TYPE (IBC) IIB MAXIMUM HEIGHT (REF. IBC TABLE 503) (B) 3 MAXIMUM HEIGHT IN (REF. IBC TABLE 503) 95 FEET FEET MAXIMUM AREA IN SQUARE FEET (REF. IBC TABLE 503) (B) 19,000 SF (B) 19,000 SF	

LIFE-SAFETY PLAN		BUILDING CODE INFORMATION	
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 (SECOND 6.9.57) = 130 MPH (716 1609) RISK FACTOR: CATEGORY II BLDGS SURFACE ROUGHNESS = B TOPOGRAPHIC FACTOR = 1 DESIGN WIND PRESSURE (ASCE 7-10) = 39.6 PSF INTERNAL PRESSURE COEFFICIENT (ASCE 7-10) = ± 0.18 LIVE LOADS (SEC 1607) ASSEMBLY AREA W/ NO TABLE SEATS (TABLE 1607.1): 100 PSF ROOF LIVE LOADS (TABLE 1607.1): 50 PSF ROOF FLOOR LOADS (TABLE 1607.1): 20 PSF UNIFORM, 300 LB CONCENTRATED SNOW LOADS (TABLE 1609): GROUND SNOW LOAD (76 1609.2): 5 PSF		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 (SECOND 6.9.57) = 130 MPH (716 1609) RISK FACTOR: CATEGORY II BLDGS SURFACE ROUGHNESS = B TOPOGRAPHIC FACTOR = 1 DESIGN WIND PRESSURE (ASCE 7-10) = 39.6 PSF INTERNAL PRESSURE COEFFICIENT (ASCE 7-10) = ± 0.18 LIVE LOADS (SEC 1607) ASSEMBLY AREA W/ NO TABLE SEATS (TABLE 1607.1): 100 PSF ROOF LIVE LOADS (TABLE 1607.1): 50 PSF ROOF FLOOR LOADS (TABLE 1607.1): 20 PSF UNIFORM, 300 LB CONCENTRATED SNOW LOADS (TABLE 1609): GROUND SNOW LOAD (76 1609.2): 5 PSF	
FLOOD ZONE INFORMATION BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BIRGES AND ASSOCIATES, INC. THIS PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA. FLOOD ZONE INFORMATION MAY BE OBTAINED FROM THE FLOOD INSURANCE RATE MAP NO. 22020A-0001 OF REGION 2, 217M BUREAU OF REVENUE AND TAXATION. ELEVATIONS REFER TO NAVD 1929 DATUM.		FLOOD ZONE INFORMATION BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BIRGES AND ASSOCIATES, INC. THIS PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA. FLOOD ZONE INFORMATION MAY BE OBTAINED FROM THE FLOOD INSURANCE RATE MAP NO. 22020A-0001 OF REGION 2, 217M BUREAU OF REVENUE AND TAXATION. ELEVATIONS REFER TO NAVD 1929 DATUM.	

OFFICE BUILDOUT FOR
 176 STRAWBERRY STREET
 SLIDELL, LOUISIANA 70460
 JOB No: 2221 DATE: 01-14-15
 DRAWN BY: K.K. CHECKED BY: K.K.
 SHEET TITLE: LIFE-SAFETY AND BUILDING CODE INFORMATION
 DRAWING NUMBER: LS101
 SHEET No: 3 OF 11

#	DESCRIPTION	DATE

DAMMON ENGINEERING, INC.
Architects & Engineers
 Chief Architect: Kevin L. Kinchen, NCARB
 Chief Engineer: Brian Misch, PE
 554 Old Spanish Trail
 Slidell, LA 70458
 www.dammoneengineering.com
 info@dammoneengineering.com
 Ph: 985.649.5832
 F: 985.641.5950