

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 (ORDINARY HAZARD) (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: CHAPTERS, TABLE A.8.2.1.2 AND COMMENTARY TABLE B.1 IN HANDBOOK)	
V(000)	
MINIMUM CONSTRUCTION REQUIREMENTS	
(REFERENCE: OCCUPANCY CHAPTER)	
APPLICABLE DEFINITIONS	
(REFERENCE: CHAPTER 2)	
OCCUPANCY	
OCCUPANCY LOAD CALCULATIONS	
OCC/FUNCTION OF SPACE	FLOOR AREA PER OCC (SF) ACTUAL SF OCCUPANT LOAD
ROOMING & LODGING	200 34,504 SF 199
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)	
1/3 DIAGONAL = 38'-10"	
MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
ROOMING & LODGING	NR
MAXIMUM COMMON PATH OF TRAVEL (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
ROOMING & LODGING	NR
MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
ROOMING & LODGING	NR
CAPACITY OF MEANS OF EGRESS (REFERENCE: 7.3 AND TABLE 7.3.3.1)	
COMPONENT	OCCUPANT LOAD X CAPACITY FACTOR MINIMUM WIDTH
EXITS	199 0.2 40"
*MAIN ENTRANCE MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING	
FIRE RESISTANCE RATING REQUIREMENTS	
CHAPTER 8	
EXTERIOR BEARING WALLS	(REFERENCE TABLE A.8.2.1.2) 0 HOUR
INTERIOR BEARING WALLS	(REFERENCE TABLE A.8.2.1.2) 1 HOUR
COLUMNS	(REFERENCE TABLE A.8.2.1.2) 1 HOUR
BEAMS, GIRDERS, TRUSSES, AND ARCHES	(REFERENCE TABLE A.8.2.1.2) 1 HOUR
FLOOR-CEILING ASSEMBLIES	(REFERENCE TABLE A.8.2.1.2) 1 HOUR
ROOF-CEILING ASSEMBLIES	(REFERENCE TABLE A.8.2.1.2) 1 HOUR
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	(REFERENCE SECTION 8.6.5) 2 HOURS
EXIT ENCLOSURE	(REF SECTION 7.13.2.1) 1 HOUR
OPENING PROTECTIVES	
COMPONENT	WALLS & PART FIRE RATINGS (HOURS) FIRE DOOR ASSEMBLIES (HOURS) FIRE WINDOW ASSEMBLIES (HOURS)
ELEVATOR HOISTWAYS	2 HOURS 1-1/2 HOUR NOT PERMITTED
VERTICAL SHAFTS (INCL. SHAFTWAYS, EXITS, AND CHUTES)	1 HOUR 1 HOUR NOT PERMITTED
	3 HOURS 3 HOURS NOT PERMITTED
FIRE BARRIERS	2 HOURS 1-1/2 HOUR NOT PERMITTED
	1 HOUR 3/4 HOUR
	1/2 HOUR 1/3 HOUR
SMOKE BARRIERS	1 HOUR 1/3 HOUR 1/3 HOUR
HORIZONTAL EXITS	2 HOURS 1-1/2 HOUR NOT PERMITTED
EXIT ACCESS CORRIDORS	1 HOUR 1/3 HOUR 3/4 HOUR
	1/2 HOUR 1/3 HOUR 1/3 HOUR
SMOKE PARTITION	1/2 HOUR 1/3 HOUR 1/3 HOUR
ADDITIONAL CODE REQUIREMENTS (OCCUPANCY CHAPTER 28)	
DETECTION, ALARM, AND COMMUNICATION SYSTEMS	
EMERGENCY LIGHTING	YES
EMERGENCY LIGHTING	PER 30.2.6
EMERGENCY LIGHTING	PER 30.2.11.2
ALLOWABLE HEIGHT AND BUILDING AREA	
CONSTRUCTION TYPE (NFPA)	V(111)
CONSTRUCTION TYPE (IBC)	VA
MAXIMUM HEIGHT IN STORIES (REF: IBC TABLE 503)	(R-2) 4
MAXIMUM HEIGHT IN FEET (REF: IBC TABLE 503)	60 FEET
MAXIMUM AREA PER FLOOR IN SQUARE FEET (REF: IBC TABLE 503)	(R-2) 43,576 SF
	(REF: IBC SECTION 506.1)

LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
➤	EXITS
(45)	DOOR FIRE RATINGS (MINUTES)
(36/120)	DOOR WIDTH/EGRESS CAPACITY
⊙	EXIT LIGHT
⊞	FIRE EXTINGUISHER AND CABINET - SEMI-RECESSED
⊞	FIRE EXTINGUISHER W/ WALL MTD BRACKET
—	COMMON PATH OF TRAVEL
⋯	TOTAL TRAVEL DISTANCE
●	DECISION POINT
—	ONE-HOUR FIRE RATED PARTITION

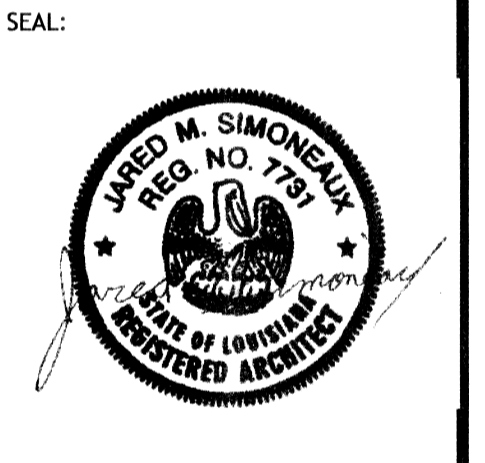
BUILDING CODE INFORMATION

APPLICABLE CODES			
BC 2012			
OCCUPANCY TYPE OF GROUP(S) (IBC 2012 CHAPTER 3)			
RESIDENTIAL (R-2)			
CONSTRUCTION TYPE(S) (TABLE 503)			
VA			
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION			
MAXIMUM HEIGHT IN STORIES (SECTION 503 & 504, TABLE 503)	4 (PER SECTION 506)		
MAXIMUM AREA PER FLOOR IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)	(R-2) 24,000 SF/FLOOR		
MIXED USED OCCUPANCY			
SECTION 508			
INCIDENTAL ACCESSORY OCCUPANCIES (HOURS) (TABLE 508.2.5)	SEPARATION		
ROOM OR AREA	N/A		
REQUIRED SEPARATION OR OCCUPANCIES (HOURS) (TABLE 508.4)			
N/A			
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS			
CHAPTER 8, TABLE 601			
STRUCTURAL FRAMES	1 HOUR		
EXTERIOR BEARING WALLS	0 HOUR		
INTERIOR BEARING WALLS	1 HOUR		
EXTERIOR NON-BEARING WALLS	0 HOUR		
INTERIOR NON-BEARING WALLS	0 HOURS		
FLOOR CONSTRUCTION (INC. SUPPORTING BEAMS & JOISTS)	1 HOUR		
ROOF CONSTRUCTION (INC. SUPPORTING BEAMS & JOISTS)	1 HOUR		
FIRE-RESISTANCE RATING FOR EXT WALLS BASED ON FIRE-SEPARATION DISTANCE (TABLE 602)	1 HOUR		
MAXIMUM AREA OF EXTERIOR WALL OPENINGS			
TABLE 105.8			
NOTES ON SPECIFIC, PERTINENT PLAN ISSUES			
N/A			
FIRE WALLS			
SECTION 706, TABLE 706.4			
REQUIRED?	NO		
IF YES THEN NOTE REQUIRED RATING			
FIRE BARRIERS			
SECTION 707			
SHAFT ENCLOSURE(S) - 2 HOURS (SECTION 706.4)			
EXIT ENCLOSURE - NOTE REQUIRED RATING (SECTION 1022.1)	1 HOUR		
EXIT PASSAGEWAY - NOTE REQUIRED RATING (SECTION 1023.3)	1 HOUR		
HORIZONTAL EXIT - NOTE REQUIRED RATING (SECTION 1025.1)	1 HOUR		
ATRIUMS - NOTE REQUIRED RATING (SECTION 404.6)	N/A		
SEPARATION FROM STAGE (SECTION 410.5)	N/A		
OCCUPANT LOADS			
IBC 2004, SECTION 1004, TABLE 1004.1.1	FLOOR AREA/OCCUPANT (SF)		
OCCUPANCY/FUNCTION SPACE	OCCUPANT LOAD		
R-2	34,504 SF / 200 SF PER OCCUPANT 198 OCCUPANTS		
	TOTAL 198		
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		
R-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)
198	3	0.2	118.5
MAXIMUM EXIT ACCESS TRAVEL DISTANCE			
(TABLE 1016.1)			
MINIMUM CORRIDOR WIDTH	(SECTION 1018.1 & 1005.1)	44"	
MAXIMUM DEAD END CORRIDOR	(SECTION 1018.4)	50'	
MAXIMUM COMMON PATH OF TRAVEL	(SECTION 1014.3)	125'	
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) =	150 MPH (FIG 1604)	RISK FACTOR:	CATEGORY III BLDG
		SURFACE ROUGHNESS =	C
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		
CONTRACTOR NOTE:			
EACH CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION OF THE MAIN WIND-FORCE-RESISTING COMPONENT SYSTEM OF THIS BUILDING. EACH CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK THAT THE CONTRACTOR SHALL PROVIDE PERIODIC INSPECTIONS AS REQUIRED BY SEC 1105.			
FLOOD ZONE INFORMATION			
BASED ON THE SURVEY OF THIS PROPERTY BY AMERICAN SURVEYORS, THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA. F.I.R.M. COMMUNITY MAP NO 2202BC0400H; REVISED 11/16/2012			
FLOOD ZONE:	AE	BASE FLOOD ELEVATION	10.0 NGVD
ELEVATIONS REFER TO NGVD 1929 DATUM			

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mitchell, PE
www.dammonengineering.com
info@dammonengineering.com
PH: 985-649-5832 F: 985-641-5950

REVISIONS	DATE	DESCRIPTION



MAIN STAY SUITES

SHEET TITLE:
LIFE-SAFETY AND BUILDING CODE INFORMATION

DRAWING NUMBER:
LS101

SHEET No: 4 of 52