

APPLICABLE CODES	
BUILDING CODE:	FLORIDA BUILDING CODE 2017 (FBC 2017) - SIXTH EDITION
MECHANICAL CODE:	FBC 2017, MECHANICAL
ELECTRICAL CODE:	FBC 2017 - CHAPTER 97; NFPA 70 (N.E.C.)
PLUMBING CODE:	FBC 2017, PLUMBING
GAS FUEL CODE:	FBC 2017, GAS FUEL
FIRE SAFETY CODE:	FLORIDA FIRE PREVENTION CODE - FIFTH EDITION (BASED ON NFPA 1, NFPA 101, & LIFE SAFETY CODE, 2012 EDITION)

BUILDING CATEGORIZATION & PHYSICAL PROPERTIES		
OCCUPANCY CLASSIFICATION	FLORIDA BUILDING CODE	FLORIDA FIRE PREVENTION CODE
	CHAPTER 3, SECTION 302	NFPA 101, CHAPTER 6
	S-2 STORAGE	STORAGE (ORDINARY) RESIDENTIAL (LODGING)

CONSTRUCTION TYPE	FLORIDA BUILDING CODE	FLORIDA FIRE PREVENTION CODE
	CHAPTER 6	N/A
	V-B	N/A

WIND SPEED DESIGN CRITERION	FLORIDA BUILDING CODE	FLORIDA FIRE PREVENTION CODE	PROVIDED
	"ULTIMATE DESIGN WIND SPEED CLASSIFICATION EQUAL TO OR EXCEEDING 120 MPH QUALIFIES PROJECT FOR WIND BORNE DEBRIS REGION"	CHAPTER 16, SECTION 1609	N/A
VULT = 154 MPH (RISK CATEGORY IV)		N/A	

BUILDING PHYSICAL PROPERTIES	FLORIDA BUILDING CODE	FLORIDA FIRE PREVENTION CODE	PROVIDED
	MAXIMUM HEIGHT IN FEET	SECTION 501	N/A
(40' + 20' FOR SPRINKLERS) [TABLE 504.3]			
MAXIMUM NUMBER OF STORIES	(2 + 1 FOR SPRINKLERS) [TABLE 504.4]	N/A	2
ALLOWABLE AREA PER FLOOR	7000 SQ FT + 300% SPRINKLERS [TABLE 506.2]	N/A	18,504 SQ FT
SPRINKLER SYSTEM	NFPA 13	NFPA 13	YES

FIRE RATING REQUIREMENTS				
BUILDING COMPONENTS	FLORIDA BUILDING CODE	NFPA 101 - LIFE SAFETY CODE	NFPA 220	PROVIDED
	508.3.3, TABLES 601, 602, & 1020.1	7.1.3.1 & 6.1.14.1	TABLE 4.1.1	
STRUCTURAL FRAME	0	0	0	0
BEARING WALLS - EXTERIOR	0	0	0	0
BEARING WALLS - INTERIOR	0	0	0	0
NON-BEARING WALLS - EXTERIOR	0	0	0	0
NON-BEARING WALLS - INTERIOR	0	0	0	0
FLOOR CONSTRUCTION	0	0	0	0
ROOF CONSTRUCTION	0	0	0	0
OCCUPANCY SEPARATION (SPRINKLERED)	1 HOUR (R-2 AND S-2)	1 HOUR (LODGING & STORAGE - ORDINARY)	1 HOUR	
SEPARATION OF SLEEPING ROOMS (SPRINKLERED)	0 (1020.1 EXCEPTION 2)	SMOKE PARTITION @ CORRIDORS (28.3.5.1 & 28.3.5.7)	SMOKE PARTITION	
CORRIDORS (SPRINKLERED); 10 OR LESS OCCUPANTS	0 (TABLE 1020.1)	SMOKE PARTITION (28.3.5.1)	SMOKE PARTITION	

OCCUPANT LOAD & EGRESS WIDTH CALCULATIONS								
ROOM NO	AREA NAME	AREA (SQ FT)	FLORIDA BUILDING CODE					
			TABLE 1004.1.2	SECTION 1005.1	EGRESS WIDTH PROVIDED	EGRESS WIDTH		
-	DORMS AND ACCESSORY AREAS	10,242	RESIDENTIAL R-2	200	51	0.2	32"	68.5'
-	APPARATUS AREA AND ACCESSORY AREAS	8262	STORAGE S-2	300	28	0.2	32"	68.5'
TOTALS					79			

EXITING REQUIREMENTS			
EXITING COMPONENT	FLORIDA BUILDING CODE	NFPA 101 - LIFE SAFETY CODE	PROVIDED
COMMON PATH OF TRAVEL TO AN EXIT	75 FT [TABLE 1006.2.1]	N/A	N/A
MAXIMUM DEAD END CORRIDOR	50 FT [1009.4]	N/A	0 FT
MAXIMUM TRAVEL DISTANCE TO EXIT	300 FT [TABLE 1017.2]	N/A	157'
MINIMUM CORRIDOR WIDTH	36" [7.3.1]	36" [7.3.4]	60.5"
MINIMUM CLEAR OPNG OF EXIT DOORS	1010" [7.2.1.2.1]	32" [7.2.1.2.4]	34"
MINIMUM STAIR WIDTH	36" [7.2.1.2.2]	44" [TABLE 7.2.2.1(a)]	54"

FIRE EXTINGUISHER REQUIREMENTS			
FIRE EXTINGUISHER COMPONENT	FLORIDA BUILDING CODE	FLORIDA FIRE PREVENTION CODE	PROVIDED
		NFPA 10, TABLE 6.2.1.1 ORDINARY HAZARD OCCUPANCY	2258 SQ FT
MAXIMUM FLOOR AREA PER UNIT OF A	N/A	1500 SQ FT	1125 SQ FT
MAXIMUM FLOOR AREA PER EXTINGUISHER	N/A	11,250 SQ FT	
MAXIMUM TRAVEL DISTANCE	N/A	75 FT	68 FT

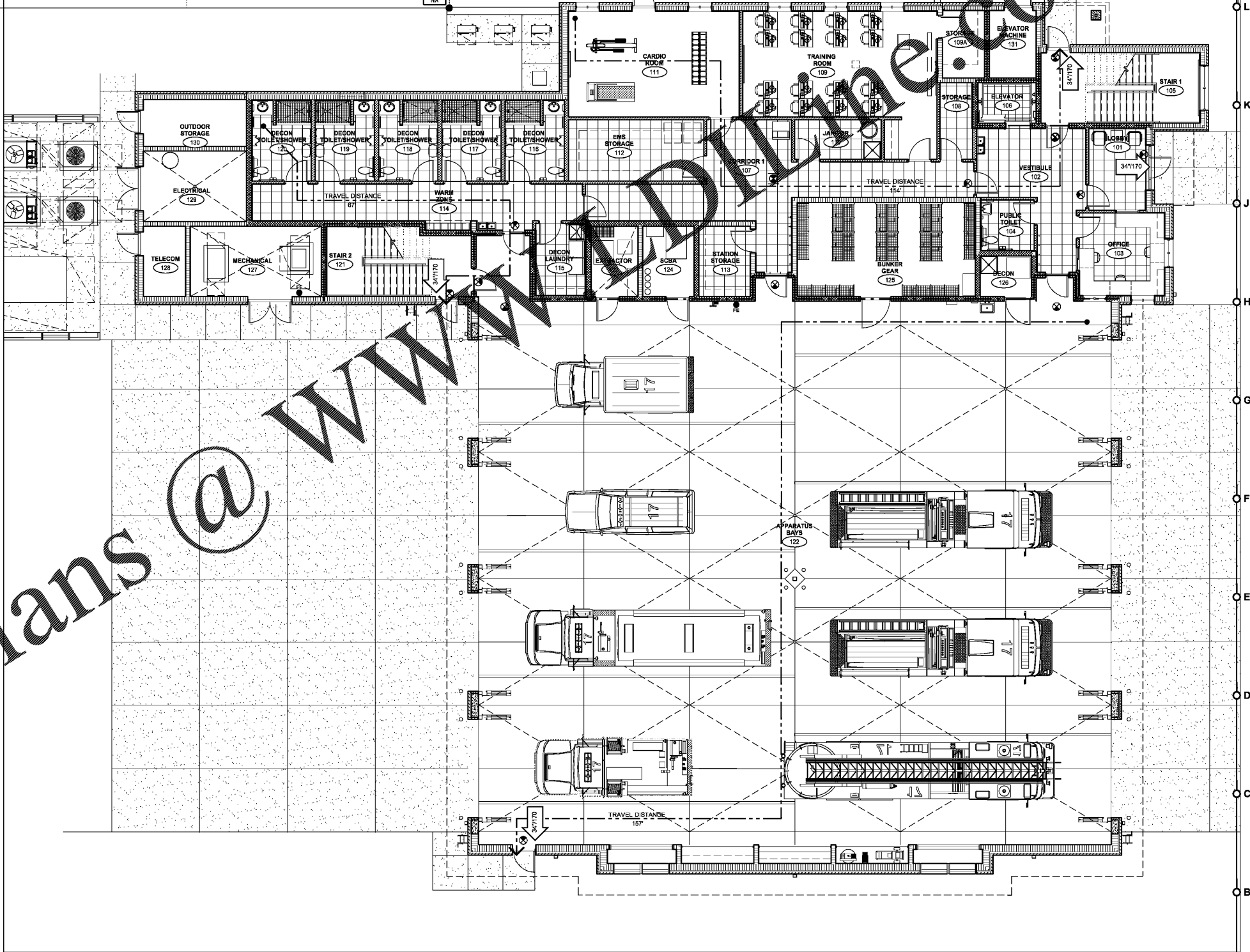
LIFE SAFETY AND BUILDING DATA

A12 N/A

- ONE HOUR FIRE RATED WALL
- - - SMOKE PARTITION
- 150' TRAVEL DISTANCE
- GRAPHIC ILLUSTRATION OF TRAVEL DISTANCE TO EXIT FROM REMOTE POINT
- 34"/170'
- FEC FIRE EXTINGUISHER AND CABINET
- FEC-K FIRE EXTINGUISHER AND CABINET - WET CHEMICAL TYPE RATED 2A:18K
- FE BRACKET MOUNTED FIRE EXTINGUISHER
- SINGLE FACE LIGHTED EXIT SIGN (DIRECTIONAL ARROWS ON SIGN WHERE INDICATED ON PLAN)
- DOUBLE FACE LIGHTED EXIT SIGN (DIRECTIONAL ARROWS ON SIGN WHERE INDICATED ON PLAN)
- EMERGENCY PULL FOR KITCHEN HOOD FIRE SUPPRESSION SYSTEM

LIFE SAFETY SYMBOLS LEGEND

L12 N/A



FIRST FLOOR LIFE SAFETY PLAN

A1 1/8" = 1'-0"

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FGA PROJECT NUMBER  
19039

ISSUE DATE  
05-25-20

REVISIONS  
 DATE: -  
 DATE: -  
 DATE: -

SHEET NUMBER  
A0.1