

LIFE SAFETY

BUILDING CODE SUMMARY

PROJECT DATA	PROJECT:	CAPITAL METALS
	LOCATION:	LAKE CITY, FLORIDA
	BUILDING CODE:	FLORIDA BUILDING CODE 6TH EDITION (2017) FLORIDA FIRE PREVENTION CODE 6TH EDITION, 2017 EDITION
	BUILDING AREA:	ENCLOSED: 17,684 SF UNDERROOF: 16,266 SF TOTAL: 33,950 SF
	BUILDING HEIGHT:	SINGLE STORY
SCOPE OF WORK	NEW PRE-ENGINEERED METAL BUILDING FOR THE FABRICATION OF METAL PRODUCTS.	

FLORIDA BUILDING CODE: BUILDING 6TH EDITION (2017)

CHAPTER 3 USE AND OCCUPANCY	304.1:	FACTORY GROUP F - F-2 LOW HAZARD FACTORY INDUSTRIAL METAL FABRICATION USE		
CHAPTER 6 TYPES OF CONSTRUCTION	TABLE 601:	ASSEMBLY BUILDING - IIB		
		BUILDING ELEMENT	STRUCTURE FRAME	RATING
		BEARING WALLS	EXTERIOR	0 HOURS
			INTERIOR	0 HOURS
		NON BEARING WALLS	EXTERIOR	0 HOURS
			INTERIOR	0 HOURS
		FLOOR CONSTRUCTION		0 HOURS
		ROOF CONSTRUCTION		0 HOURS
CHAPTER 8 INTERIOR FINISHES	TABLE 803.11:	INTERIOR WALL AND CEILING FINISH SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN:		
		GROUP	VERT. EXITS & EXIT PASSAGEWAYS	EXIT ACCESS CORR./ OTHER EXITS
		F2	C	C
		ROOMS & ENCLOSED SPACES		
		C		
CHAPTER 9 FIRE PROTECTION SYSTEM		FIRE SPRINKLER SYSTEM - IF REQUIRED BY FIRE MARSHALL AND BUILDING DEPARTMENT		
CHAPTER 10 MEANS OF EGRESS	TABLE 1004.1.2:	MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT		
		FACTORY (17,684 SF) (100 SF/OCCUPANT) 176 OCCUPANTS		
		TOTAL OCCUPANTS 176 OCCUPANTS		
	1005.3.2	EGRESS WIDTH PER OCCUPANT SERVED		
		176 x 0.2 = 35.2 INCHES		
		204 INCHES PROVIDED AT FIVE (5) DOORS		
	TABLE 1006.3.1	MINIMUM NUMBER OF EXITS REQUIRED - 2		
		EXISTS PROVIDED - 3		
	1010.1.1:	MIN. CLEAR OPENING FOR EXIT DOORS REQUIRED - 32"		
		MIN. CLEAR OPENING FOR EXISTING DOORS - 36"		
	TABLE 1017.2	MINIMUM EXIT ACCESS TRAVEL DISTANCE - 250'		
		ACTUAL TRAVEL DISTANCE - 187'-6"		
CHAPTER 11 ACCESSIBLE ELEMENT AND SPACES	ADA COMPLIANT: YES			
	404.2.7 (ACCESSIBILITY CODE)	HANDLES, PULLS, LATCHES AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. LEVER-OPERATED MECHANISMS, PUSH-TYPE MECHANISMS AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS. HARDWARE SHALL BE MOUNTED NO HIGHER THAN 48 INCHES A.F.F.		

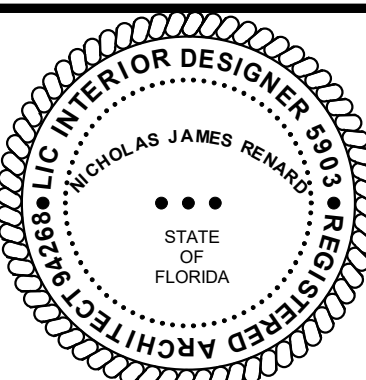
NFPA CODE SUMMARY

NFPA 101 2015 EDITION	
OCCUPANCY TYPE :	FACTORY
BUILDING CONSTRUCTION TYPE:	IIB
GROSS SQUARE FOOTAGE:	17,684 SF
NUMBER OF STORIES:	1 STORY
BUILDING HEIGHT:	25'-6" TO EAVE
INTERIOR WALL AND CEILING FINISH REQUIREMENTS:	INTERIOR FINISHED SHALL BE IN ACCORDANCE WITH NFPA 101 SECTION 10.2
ALLOWABLE DEAD END LIMITS:	NO DEAD END CORRIDORS
ALLOWABLE COMMON PATH TRAVEL LIMITS:	NO COMMON TRAVEL PATHS
ALLOWABLE TRAVEL DISTANCE LIMITS:	250'
FIRE PROTECTION SYSTEM:	IF REQUIRED BY FIRE MARSHALL
6TH EDITION FFPC COMPLIANCE:	YES



SCHEMATIC : - PERMIT : 20.04.13
BID : - BUILD : -

REVISIONS



CAPITAL METAL SUPPLY - LIFE SAFETY PLAN
3798 SOUTH US HIGHWAY 441
LAKE CITY, FLORIDA 32025

002

LIFE SAFETY PLAN

1 LIFE SAFETY PLAN - FIRST FLOOR
002 3/32" = 1'-0"

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