



PROJECT DATA

PROJECT: CAPITAL METALS
LOCATION: LAKE CITY, FLORIDA
BUILDING CODE: FLORIDA BUILDING CODE 6TH EDITION (2017)
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-1 MODERATE HAZARD FACTORY INDUSTRIAL
METAL FABRICATION USE

CHAPTER 6
TYPES OF CONSTRUCTION

TABLE 601: ASSEMBLY BUILDING - IIB
BUILDING ELEMENT STRUCTURE FRAME BEARING WALLS EXTERIOR INTERIOR NON BEARING WALLS EXTERIOR INTERIOR FLOOR CONSTRUCTION ROOF CONSTRUCTION
RATING 0 HOURS 0 HOURS 0 HOURS 0 HOURS 0 HOURS 0 HOURS 0 HOURS 0 HOURS

CHAPTER 8
INTERIOR FINISHES

TABLE 803.11: INTERIOR WALL AND CEILING FINISH SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN:
GROUP F1 VERT. EXITS & EXIT PASSAGEWAYS C EXIT ACCESS CORR./ OTHER EXITS 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 EXITS 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

dig ARCHITECTURE

☐ SCHEMATIC : -

☐ BID : -

☒ PERMIT : 20.04.13

☐ BUILD : -

REVISIONS

20.0113

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

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LIFE SAFETY PLAN

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