

GA FILE NO. WP 8105

GENERIC

1 HOUR FIRE

GYPSUM WALLBOARD, GYPSUM SHEATHING, WOOD STUDS

EXTERIOR SIDE: One layer 48" wide 5/8" type X gypsum sheathing applied parallel to 2 x 4 wood studs 24" o.c. with 1 3/4" galvanized roofing nails 4" o.c. at vertical joints and 7" o.c. at intermediate studs and top and bottom plates. Joints of gypsum sheathing may be left untreated. Exterior cladding to be attached through sheathing to studs.

INTERIOR SIDE: One layer 5/8" type X gypsum wallboard, water-resistant gypsum backing board, or gypsum veneer base applied parallel or at right angles to studs with 6d coated nails, 1 7/8" long, 0.0915" shank, 1/4" heads, 7" o.c. (LOAD-BEARING)

Thickness: Varies

Approx. Weight: 7 psf

Fire Test: See WP 3510 (UL R3501-47, -48, 9-17-65, UL Design U309; UL R1319-129, 7-22-70, UL Design U314)

GENERAL DESCRIPTION		GENERAL EXITING REQUIREMENTS	TABLE/SECTION/REFERENCE
PROJECT NAME: ReNOURISH PROJECT LOCATION: LEE'S SUMMIT, MO 64063 COUNTY: JACKSON COLLINS WEBB ARCHITECTURE 307B SW MARKET STREET LEES SUMMIT, MISSOURI 64063 APPLICABLE CODES: INTERNATIONAL BUILDING CODE - 2018 ED. INTERNATIONAL PLUMBING CODE - 2018 ED. INTERNATIONAL MECHANICAL CODE - 2018 ED. INTERNATIONAL FUEL GAS CODE - 2018 ED. NATIONAL ELECTRICAL CODE - 2017 ED. INTERNATIONAL FIRE CODE - 2018 ED. ICC/ANSI 1 - 2009, ACCESSIBILITY AND USABILITY CODE		EXIT TRAVEL DISTANCE 200 FEET DEAD END CORRIDOR 20 FEET COMMON PATH OF TRAVEL 30' FEET, OR 75' IF OCC. < 50 MIN. CORRIDOR WIDTH 44" OR 36" IF OCC. < 50	IBC SECTION 1017.2 IBC SECTION 1020.4 IBC SECTION 1029.8 IBC SECTION 1020.2
CODE INFORMATION		EXIT REQUIREMENTS	TABLE/SECTION/REFERENCE
BUILDING/PROJECT USE: OFFICE CONSTRUCTION TYPE: TYPE VB OCCUPANCY CLASSIFICATION: GROUP "B" BUSINESS BUILDING FRAME: WOOD FRAME		A. REQUIRED CAPACITY 1. STAIRS - 0.3" / PERSON 2. OTHER COMPONENTS - 0.2" / PERSON 3. OTHER COMPONENTS WITHIN THEATER ROOMS - 0.22" / PERSON B. MINIMUM NUMBER 1. OCCUPANT LOAD OF 1-500 PERSONS - 3 EXITS PER STORY 2. OCCUPANT LOAD OF 501-1000 PERSONS - 3 EXITS PER STORY 3. OCCUPANT LOAD OF MORE THAN 1000 PERSONS - 4 EXITS PER STORY	IBC SECTION 1005 IBC SECTION 1006.3.2
ACTUAL TENANT AREA (GROSS) 328 SQ. FT. 375 SQ. FT. (UPSTAIRS) - STORAGE 354 SQ. FT. (BASEMENT) - STORAGE		OCCUPANT LOAD OFFICE STORAGE - BASEMENT AND PARTIAL 2ND FLOOR TOTAL OCCUPANT LOAD 6 OCC 5 OCC 11 OCC	IBC TABLE 1004 IBC TABLE 1006.3.2
ALLOWABLE STORIES 2 STORIES ACTUAL NUMBER OF STORIES 2 STORIES		PLUMBING FIXTURE REQUIREMENTS B OCC WATER CLOSETS = 1/25 FOR THE FIRST 50 AND 1/50 FOR THE REMAINDER EXCEEDING 50 B OCC LAVATORIES = 1/40 FOR THE FIRST 80 AND 1/80 FOR THE REMAINDER EXCEEDING 80 B OCC DRINKING FOUNTAIN = 1/100	
FIRE RESISTIVE REQUIREMENTS		PLUMBING FIXTURES REQUIRED WATER CLOSETS: = 1 REQUIRED LAVATORIES: = 1 REQUIRED DRINKING FOUNTAINS: = 1 REQUIRED PLUMBING FIXTURES PROVIDED WATER CLOSETS: = 1 PROVIDED LAVATORIES: = 1 PROVIDED DRINKING FOUNTAINS: = BOTTLE WATER PROVIDED	
FIRE EXTINGUISHERS			
1. PROVIDE PORTABLE FIRE EXTINGUISHERS IN OCCUPANCIES AND LOCATIONS AS REQUIRED BY THE 2018 INTERNATIONAL FIRE CODE. SEE PLANS FOR SUGGESTED LOCATIONS. NOTIFY ARCHITECT OF ANY PROPOSED RELOCATION OR IF A CONFLICT IS ENCOUNTERED. 2. PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED, INSPECTED, AND MAINTAINED IN ACCORDANCE WITH NFPA 10, STANDARD FOR PORTABLE FIRE EXTINGUISHERS.			

FIRE RESISTIVE LEGEND

NUMBER OF OCCUPANTS EXITING
CALCULATED EXIT WIDTH REQ'D (IN.)

DESCRIPT.
200
40"
60"
200
40"
32"
68"

CALCULATED EXIT WIDTH REQ'D (IN.)

MIN. WIDTH OF MEANS OF EGRESS COMPONENT (IN.)

FE-1

INDICATES WALL HUNG FIRE EXTINGUISHER (FE) LOCATION WITH 75'-0" RADIUS COVERAGE AREA.

RELEASED FOR CONSTRUCTION

As Noted on Plans Review

Development Services Department
Lee's Summit, Missouri
02/22/2022

PER TABLE 602
FIRE SEPARATION DISTANCE IS 10 FEET OR LESS FOR 'B' OCCUPANCY. A 1-HOUR RATING IS REQUIRED. REFER TO UL LISTING FOR CONSTRUCTION

REFER TO CIVIL FOR EXACT LOCATION

EXISTING PROPERTY LINE

WINDOW TO BE REMOVED AND INFILLED TO SIMILAR CONSTRUCTION

REFER TO UL LISTING TO PROVIDE 1-HOUR RATING.

PER 707.5 - THE REQUIRED FIRE-RESISTANCE RATING OF EXTERIOR WALLS WITH A FIRE SEPARATION DISTANCE OF OR LESS THAN 10 FEET SHALL BE RATED FOR EXPOSURE TO FIRE FROM BOTH SIDES

LOBBY

OFFICE 1

OFFICE 2

OFFICE 3

RESTROOM

BREAK

CLOSET

CLOSET

UP

ADD 2X4 DEMISING WALL

8' - 10"

6
1.8" | 32"
28"

6
1.8" | 32"
34"

A7 1ST FLOOR
1/2" = 1'-0"

ReNOURISH - TENANT IMPROVEMENT

102 SW 2ND STREET
LEE'S SUMMIT, MO 64063

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COLLINS WEBB
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REVISION DATES:
1 City Comments 2/16/22

SAM COLLINS
MEMBER
A-2017002629
02/20/22

PROFESSIONAL SEAL

G001

ISSUE DATE: 2 FEB 2022
COLLINS WEBB #: 22018

2/16/2022 8:29:57 AM

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PERMIT DOCUMENT

LIFE SAFETY PLAN AND PROJECT INFO.