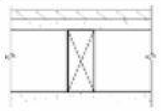
GA FILE NO. WP 8105	GENERIC	1 HOUR FIRE

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 13/4" 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, 17/8" 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

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

CODE INFORMATION

		TABLE/SECTION/REFERENCE
BUILDING/PROJECT USE:	OFFICE	IBC SECTION 303
CONSTRUCTION TYPE	TYPE VB	IBC TABLE 601
OCCUPANCY CLASSIFICATION	GROUP "B" BUSINESS	IBC SECTION 303
BUILDING FRAME	WOOD FRAME	
ACTUAL TENANT AREA (GROSS)	934 SQ. FT. 375 SQ. FT (UPSTAIRS) - STORAGE 954 SQ. FT (BASEMENT) - STORAGE	IBC SECTION 503
ALLOWABLE STORIES	2 STORIES	IBC TABLE 504.4
ACTUAL NUMBER OF STORIES	2 STORIES	
ALLOWABLE HEIGHT	40'-0"	IBC TABLE 504.3
ACTUAL HEIGHT IN FEET	EXISTING	

FIRE RESISTIVE REQUIREMENTS

		TABLE/SECTION/REFERENCE
PRIMARY FRAME	0 HRS	IBC TABLE 601
NON-BEARING WALLS	0 HRS	IBC TABLE 601
BEARING WALLS INT./ EXT.	0 INT. / 0 EXT. HRS	IBC TABLE 601
FLOOR CONSTRUCTION	0 HRS	IBC TABLE 601
CEILING/ROOF	0 HRS	IBC TABLE 601
CORRIDORS	0 HRS	IBC TABLE 1018.1

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.

GENERAL EXITING REQUIREMENTS

		TABLE/SECTION/REFERENCE
EXIT TRAVEL DISTANCE	200 FEET	IBC SECTION 1017.2
DEAD END CORRIDOR	20 FEET	IBC SECTION 1020.4
COMMON PATH OF TRAVEL	30' FEET, OR 75' IF OCC. < 50	IBC SECTION 1029.8
MIN. CORRIDOR WIDTH	44", OR 36" IF OCC. < 50	IBC SECTION 1020.2

EXIT REQUIREMENTS

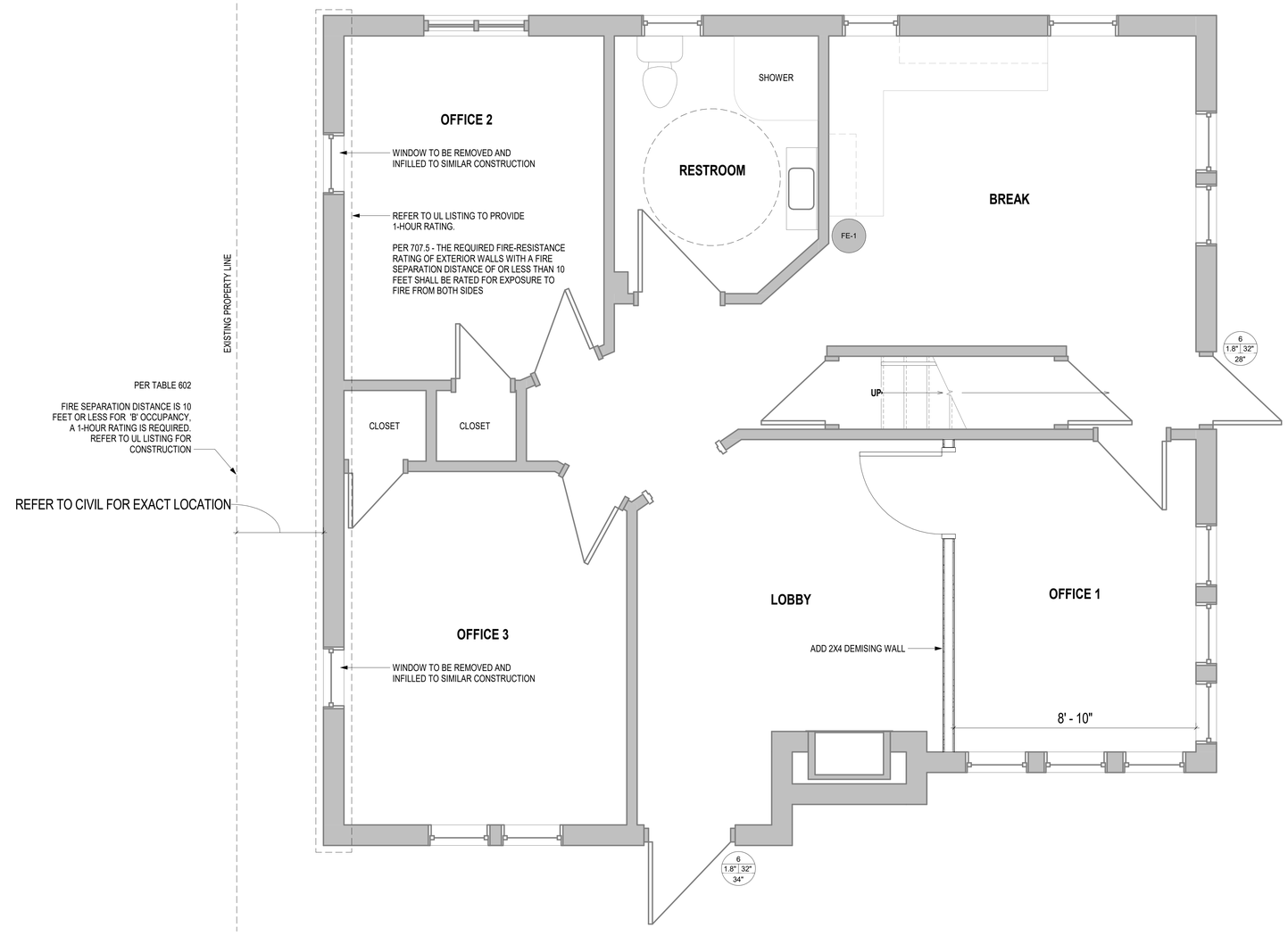
	TABLE/SECTION/REFERENCE
A. REQUIRED CAPACITY	
1. STAIRS - 0.3" / PERSON 2. OTHER COMPONENTS - 0.2" / PERSON 3. OTHER COMPONENTS WITHIN THEATER ROOMS - 0.22" / PERSON	IBC SECTION 1005
B. MINIMUM NUMBER	
1. OCCUPANT LOAD OF 1-500 PERSONS - 2 EXITS PER STORY 2. OCCUPANT LOAD OF 501-1000 PERSONS - 3 EXITS PER STORY 3. OCCUPANT LOAD OF MORE THAN 1000 PERSONS - 4 EXITS PER STORY	IBC SECTION 1006.3.2

OCCUPANT LOAD

		TABLE/SECTION/REFERENCE
OFFICE	6 OCC	IBC TABLE 1004
STORAGE - BASEMENT AND PARTIAL 2ND FLOOR	5 OCC	
TOTAL OCCUPANT LOAD	11 OCC	
EXITS REQUIRED	2 EXITS	IBC TABLE 1006.3.2
EXITS PROVIDED	2 EXITS	

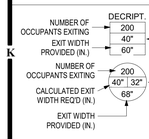
PLUMBING FIXTURE REQUIREMENTS

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
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



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

FIRE RESISTIVE LEGEND



FE-1 INDICATES WALL HUNG FIRE EXTINGUISHER (FE) LOCATION WITH 75'-0" RADIUS COVERAGE AREA.

CW collins|webb ARCHITECTURE
3078 SW Market St., Lee's Summit, Missouri 64063 | 816.249.2270 |
www.collinsandwebb.com

PERMIT DOCUMENT

ReNOURISH - TENANT IMPROVEMENT

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

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REVISION DATES:

1	City Comments	2/16/22

PROFESSIONAL SEAL

G001

ISSUE DATE: 2 FEB 2022
COLLINS WEBB #: 22018

LIFE SAFETY PLAN AND PROJECT INFO.

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