

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

WALL TYPE "A"
Design No. U.L. U465 Interior
Non-Load Bearing Wall Rating - 1 HR
December 11, 2009

WALL TYPE "B"
Design No. U.L. V497 Interior
Non-Load Bearing Wall Rating - 1 or 2 HR
November 15, 2022

Door and Frame Schedule

Door Number	Room Name	Door			Frame			Rating	Hardware	Comments
		Type	Width	Height	Thickness	Type	Jamb			
101 A	Vacant Space	A	6' - 0"	7' - 0"	1	AL	AL	1		
102 B	Tenant Space - Office	B	3' - 0"	7' - 0"	1 3/4"	2	HM	HM	20 min	2
105	Tenant Space - Fitness Gym	D	6' - 0"	7' - 0"	1 3/4"	2	HM	HM	20 min	4
108 -	Common Corridor	C	3' - 0"	7' - 0"	1 3/4"	2	HM	HM		3

General Notes:

- Doors, frames and hardware type, species, profile, and heights to match building standard and the handles to comply with ADA standards.
- Provide the maximum rated glass inserts allowed for D-20 rated door per manufacturer testing and labeled.

Hardware Groups:

Group 1 (Double Entry door, lock)

- 6 Ea. Hinges
- 1 Ea. Lever Lock Set
- 1 Ea. Flush Bolts
- 1 Ea. Closer
- 1 Ea. Wall Stop
- 1 Ea. Silencer

Group 2 (Single door, lock)

- 3 Ea. Hinges
- 1 Ea. Lever Lock Set
- 1 Ea. Closer
- 1 Ea. Wall Stop
- 1 Ea. Silencer
- 1 Ea. Smoke Seal Gasketing

Group 3 (Single door, lock)

- 3 Ea. Hinges
- 1 Ea. Lever Lock Set
- 1 Ea. Panic Bar
- 1 Ea. Closer
- 1 Ea. Wall Stop
- 1 Ea. Weather Stripping

Group 4 (Double door, lock)

- 6 Ea. Hinges
- 1 Ea. Lever Lock Set
- 1 Ea. Panic Bar
- 1 Ea. Dummy Set (Fixed Door)
- 1 Set. Flush Bolts
- 1 Ea. Astragal
- 2 Ea. Closer
- 1 Ea. Wall Stop
- 1 Ea. Silencer
- 2 Ea. Smoke Seal Gasketing

DOOR TYPES

Reuse Existing Where Possible

Re: Schedule

A: Aluminum storefront to match existing style and finish

C: Metal door, painted to match existing exterior doors

Re: Schedule

B: Solid core wood door, painted/stained to match existing

D: Solid core wood door, painted/stained to match existing with tempered safety glass insert

FRAME TYPES

Reuse Existing Where Possible

Re: Schedule

1: Aluminum storefront to match existing style and finish

2: Hollow metal door frame, painted

Door Schedule Not to Scale

G1 Wall Type A - 1-Hour Fire Rated Partition
1" = 1'-0" 0 3" 6" 1"

G6 Wall Type B - 1-2 Hour Fire Rated Partition
1" = 1'-0" 0 3" 6" 1"

G12 Door Schedule Not to Scale

F19 Drawing Index Not to Scale

H19 Location Map Not to Scale

Floor 1 Key Plan PLAN NORTH

A14 Floor 1 - CMR Occupancy Counts.
3/64" = 1'-0"

A19 Symbols Legend Not to Scale

Annotations and Symbols

Electrical Symbols

General Project Information:

Project Name: Southside Demising Wall
Project Address: 840 SW Blue Parkway
Lee's Summit, MO 64063

Building Codes:

2018 International Building Code
2018 International Plumbing Code
2018 International Mechanical Code
2018 National Electrical Code

Building Data:

Occupancy Type (IBC): B, Business - A-3, Fitness Gym
Construction Type (IBC): 5B
Building Height: 1-Story
Construction Area: 5,604 SF
Fitness Offices - Business (B): 389 SF
Fitness Gym (A-3): 3,708 SF

Occupants at Elite Gym: 13 Occupants
Business (B): 389 SF / 150 = 2.59 (3) occupants
Fitness Gym (A-3): Per CMR approved on 5/15/24 (Refer to A14/A1) = 10 occupants

Restrooms:

Office (Business B): 389 SF / 150 = 2.59
2.59 / 2 = 1.3 occupants
Water Closet: Ratio 1/25 for first 50, then 1/50
1.3 x 1/25 = 0.05 water closet
Lavatory: Ratio 1/40 for first 80, then 1/80
1.3 x 1/40 = 0.03 lavatories

Fitness Gym (A-3): Per CMR approved on 5/15/24 (Refer to A14/A1) = 10 occupants
10 / 2 = 5 occupants
Water Closet: Ratio 1/125 male, 1/65 female
Males: 5 x 1/125 = 0.04 water closet
Females: 5 x 1/65 = 0.077 water closet
Lavatory: ratio 1/200
5 x 1/200 = 0.025 lavatories each m/w

Total Required (and Provided):

Water Closet:
Men: 0.05 + 0.04 = .009 = 1 Water Closets (1 Provided)*
Women: 0.05 + 0.077 = 0.127 = 1 Water Closets (1 Provided)*

Lavatory:
Men: 0.03 + 0.025 = 0.055 = 1 Lavatories (1 Provided)*
Women: 0.03 + 0.025 = 0.055 = 1 Lavatories (1 Provided)*

*Per CMR approved on 5/15/24 (Refer to A14/A1), the vacant tenant space will evaluate the restroom requirements based on their occupancy in the future, depending on their use type and layout.

Code Information Not to Scale

Drawing Index

Architectural
A1 General Notes, Code Info, Wall Types
A2 Plans, Notes, Schedules

Location Map Not to Scale

Project Location: 840 SW Blue Pkwy
Lee's Summit, MO 64063

ISSUED FOR:

Permit City Response 14 March 2024
1 May 2024

Missouri Certificate of Authority: #ARC000344

Drawn By Checked By LC LC

General Notes, Code Info, Wall Types

A1

