



THE GAMBLE COMPANY, INC.

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November 6, 2021

Lee's Summit City Hall
Permit Division
Attn: Joe Frogge
220 S.E. Green Street
Lee's Summit, MO 64063
Joe.frogge@cityofls.net

Re: Response to "Plan Review Discrepancy Report" Case Number: PRCOM 20214854
For a martial arts gym tenant finish, 914 S.W. Georgetown Drive, Lee's Summit, MO.

Dear Mr. Frogge,

Listed below is a response to the above referenced Plan Review Discrepancy Report. We are offering an item by item narrative for each City comment, and in addition are resubmitting the plan drawing set for this martial arts gym project. Our response is as follows:

Building Code Review:

1. Comment: Update building data to show the correct construction type which is 5-B.
Response: Please see the revised drawings that indicates the building construction type is 5-B.
2. Comment: Provide a mop sink.
Response: Please see the attached drawings. Please note that the building and plans already provided a mop sink for the facility. See the location on our revised drawings.
3. Comment: Specify compliant wall finish materials at toilets and mop sink. If paint is used, it must be epoxy-based.
Response: Please see our finish schedule in the attached revised drawings.
4. Comment: Complete HVAC and plumbing designs. Emergency and exit lighting plan.
Response: Please note that the HVAC equipment and the plumbing equipment are both entirely existing and each was compliant when installed. Exit lighting is also existing.
5. Comment: Revise drawings to show outside air calculations as well as methods of delivery.
Response: again, please note that the HVAC system is existing and was formerly compliant. We do not believe that additional capacity has been added to the facility.
6. Comment: Reception desk must have at least three linear feet of counter that is a maximum of 36 inches tall. To be field verified.

Response: Please see the revised drawings. We have added a portion of a reception desk to accommodate assess ability requirements.

7. Comment: Subcontractors. MEP and other subcontractors are required to be listed on permit.

Response: Subcontractors will be listed by the general contractor.

Fire Department Review (Michael Weissenbach):

1. Comment: Occupant Load. Post occupant load signage at 116 persons.

Response: Please note the revised plans indicate a requirement for a 116 person occupant load sign.

2. Comment: Any modifications to the fire alarm system also need to include a PE stamped electronic shop drawing to the fire department.

Response: The existing suite includes a fire suppression system with a fire alarm alert if activated. The new design for the suite does not anticipate any changes to the sprinkler system or the alarm for the sprinkler system.

3. Comment: each suite door shall be addressed. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of 4 inches high with a minimum stroke width of 0.5 inches. Address all exterior doors.

Response: New address letters are to be installed on the two storefront doors. Please see the note on the revised submitted plans.

4. Comment: Any modifications to the fire sprinkler system must be accompanied by a PE stamped electronic shop drawing to the fire department.

Response: There is anticipated no change to the fire suppression system for the suite.

5. Comment: Fire detection, alarm extinguishing systems, fire hydrants, standpipe systems, and all other fire protection systems shall be subject to acceptance tests as approved by the fire code official. The fire code official shall be notified 48 hours before any acceptance test.

Response: Noted.

6. Comment: Provide two 2A10BC fire extinguishers.

Response: Please see the revised attached drawings.

7. Comment: Provide a plan for emergency/exit lighting for the space. Construction type is V-B.

Response: Please note that we have provided emergency exit lighting on our drawings.

8. Comment: Provide panic hardware for the exit doors.

Response: Please see the notes on our revised drawings.

Respectfully submitted,



Jim Gamble RA President
The Gamble Company Inc.

Encl. Drawings



Cashburn Consultants Inc.

128 S.W. Hillcrest Lane Lees Summit, Mo 64063
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Date 10/25/2021

To: Joe Frogge
Lees Summit Plans Reviewer

I have been asked to verify the amount of ventilation required for a building that is changing occupancies from a pet store to a workout area.
The area of the stores will remain the same. They are as follows.
Exercise & Pet Store

Full building = 3578 full building sq ft
Exercise & Pet area = 1782 sq ft
Office area = 630 sq ft
Unoccupied area = 1166 sq ft

I have used the Ventilation Requirement section of the Mechanical Building Code and the requirements for each use.

Exercise area requirements are 819 CFM for the area

Pet Store area requirements are 500 CFM for the area.

The difference of 319 cfm of fresh air will need to be added to the work out area. This can be done by adjusting the economizer damper on the 2 roof top units to allow the 319 CFM be allowed to the space.

There are two items that need to be adjusted on the existing building for proper operation of the building. One is that the pet area air needed to be totally exhausted. The method for doing this will reduce the air being treated every day.
The other is that the air can be recirculated for the exercise area.

Sincerely

Jack Cashburn

Jack Cashburn

