

VARIANCE FEES

MGO \$50.00

COMM \$490.00

Priority - Double above

**PETITION FOR VARIANCE
APPLICATION**City of Madison
Building Inspection
Division215 Martin Luther King Jr. Blvd.
Madison, WI 53703
(608) 266-4568Amount Paid 490 8/30/16 FMR

Name of Owner Becky Anderson	Project Description Interior Renovation	Agent, architect, or engineering firm Krittenbrink Architecture
Company (if applies) Alpha Xi Delta		No. & Street 301 W Boyd, Suite 200
No. & Street 615 Howard Place	Tenant name (if any) Alpha Xi Delta	City, State, Zip Code Norman, OK 73069
City, State, Zip Code Madison, WI 53703	Building Address 615 Howard Place	Phone 405-579-7883
Phone 608-219-7749	Madison, WI 53703	Name of Contact Person Mark Krittenbrink
e-mail bexteranderson@gmail.com		e-mail mark@karc-llc.com

1. The rule being petitioned reads as follows: (Cite the specific rule number and language. Also, indicate the nonconforming conditions for your project.)

See Attached

2. The rule being petitioned cannot be entirely satisfied because:

See Attached

3. The following alternatives and supporting information are proposed as a means of providing an equivalent degree of health, safety, and welfare as addressed by the rule:

See Attached

Note: Please attach any pictures, plans, or required position statements.

VERIFICATION BY OWNER - PETITION IS VALID ONLY IF NOTARIZED BY A REVIEW FEE AND ANY REQUIRED POSITION STATEMENTS.

Note: Petitioner must be the owner of the building. Tenants, agents, contractors, attorneys, etc. may not sign the petition unless a Power of Attorney is submitted with the Petition for Variance Application.

Rebecca M. Anderson being duly sworn, I state as petitioner that I have read the foregoing petition, that I believe it to be true, and I have significant ownership rights in the subject building.

Signature of owner

Rebecca M. Anderson

Notary public

Joshua Connelly

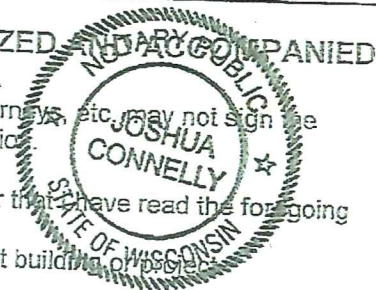
Subscribed and sworn to before me this

date: 08/31/2016

My commission expires:

07/2020

NOTE: ONLY VARIANCES FOR COMMERCIAL CODES ARE REQUIRED TO BE NOTARIZED.





City of Madison
Planning & Development
INSPECTION UNIT
215 Martin Luther King, Jr. Blvd.
P.O. Box 2984
Madison, WI 53701-2984

POSITION STATEMENT:

To be compiled by Fire Marshall

NAME OF OWNER <i>Becky Anderson</i>	BUILDING OCCUPANCY OR USE <i>Residential R2 - Sorority</i>	AGENT, ARCHITECT OR ENGINEERING FIRM <i>Krittenbrink Architecture</i>
COMPANY <i>Alpha Xi Delta</i>	TENANT NAME, IF ANY <i>Alpha Xi Delta</i>	NO. & STREET <i>301 W Boyd, Suite 200</i>
NO. & STREET <i>615 Howard Pl</i>	BUILDING LOCATION, NO. & STREET <i>615 Howard Pl</i>	CITY, STATE, ZIP CODE <i>Norman, OK 73069</i>
CITY, STATE, ZIP CODE <i>Madison WI 53703</i>	CITY, COUNTY <i>Madison Dane</i>	PHONE <i>405-579-7883</i>

1. I have read the petition for variance of rule:

2. I RECOMMEND (check appropriate box): ☐ Denial ☒ Approval ☐ Conditional Approval ☐ No Comment*

3. Explanation for Recommendation:

*If desired, Fire Departments may indicate "No Comment" on non-fire safety issues such as sanitary, energy conservation, structural, barrier free environments, etc.

4. ☐ I find no conflict with local rules and regulations.
☐ I find that the petition is in conflict with local rules and regulations

Explanation

Signature of Fire Chief

Bill Sullivan

Date

9-30-16

PLEASE COMPLETE & SUBMIT PROMPTLY TO PLANNING & DEVELOPMENT, INSPECTION UNIT AT THE ADDRESS SHOWN ABOVE.



Petition for Variance - Attachment

DATE: August 31, 2016

PROJECT: 615 Howard Place, Madison, WI 53703 | Alpha Xi Delta | Variance

All:

Please see below for Items 1,2 & 3 regarding the Petition For Variance Application:

1. The rule being petitioned from the IBC, Section 1008.1.1, states requirements for minimum door widths and heights for the means of egress. Exception 1 reads "The minimum and maximum width shall not apply to door openings that are not part of the required means of egress in Group R-2 and R-3 occupancies".

As part of the renovation of this building project, Krittenbrink Architecture designed a new exit stair at the east end of the building. This stair is not required by the City.

Our design originally called out for the door opening leading to the stair to be of standard size. However, during construction, we encountered walls that were composed of block, brick, clay masonry tiles, wood studs and copious amounts of matter.

Manipulating this structure was all but impossible, so we moved forward with doors that were sized to fit the existing window openings, lest we dismantle the historic façade of this building. Therefore we have un-conforming door sizes – some height, some width – at the existing east wall at levels 2,3, and 4.

2. As stated above, we cannot meet the door standards of the City due to the structural instability coupled with the historic façade of this building.

Further, as this stair is not required we should not be required to meet this criterion.

3. Our goal is to get women at the east end of the building out safely in the event of a fire. This goal is achieved not only by this new east stair but also by the two existing stairs.

cc: J. Peterson, J. Jontz
file, AXID-WI

I:\Original Forms\AXID-WI_Variance Attachment.doc

phone system. Location of the central control point shall be approved by the fire department. The two-way communication system shall include both audible and visible signals.

1007.6.4 Instructions. In areas of refuge that have a two-way emergency communications system, instructions on the use of the area under emergency conditions shall be posted adjoining the communications system. The instructions shall include all of the following:

1. Directions to find other means of egress.
2. Persons able to use the exit stairway do so as soon as possible, unless they are assisting others.
3. Information on planned availability of assistance in the use of stairs or supervised operation of elevators and how to summon such assistance.
4. Directions for use of the emergency communications system.

1007.6.5 Identification. Each door providing access to an area of refuge from an adjacent floor area shall be identified by a sign complying with ICC A117.1, stating: AREA OF REFUGE, and including the International Symbol of Accessibility. Where exit sign illumination is required by Section 1011.2, the area of refuge sign shall be illuminated. Additionally, tactile signage complying with ICC A117.1 shall be located at each door to an area of refuge.

1007.7 Signage. At exits and elevators serving a required accessible space but not providing an approved accessible means of egress, signage shall be installed indicating the location of accessible means of egress.

1007.8 Exterior area for assisted rescue. The exterior area for assisted rescue must be open to the outside air and meet the requirements of Section 1007.6.1. Separation walls shall comply with the requirements of Section 704 for exterior walls. Where walls or openings are between the area for assisted rescue and the interior of the building, the building exterior walls within 10 feet (3048 mm) horizontally of a nonrated wall or unprotected opening shall have a fire-resistance rating of not less than 1 hour. Openings within such exterior walls shall be protected by opening protectives having a fire protection rating of not less than $\frac{3}{4}$ hour. This construction shall extend vertically from the ground to a point 10 feet (3048 mm) above the floor level of the area for assisted rescue or to the roof line, whichever is lower.

1007.8.1 Openness. The exterior area for assisted rescue shall be at least 50 percent open, and the open area above the guards shall be so distributed as to minimize the accumulation of smoke or toxic gases.

1007.8.2 Exterior exit stairway. Exterior exit stairways that are part of the means of egress for the exterior area for assisted rescue shall provide a clear width of 48 inches (1219 mm) between handrails.

1007.8.3 Identification. Exterior areas for assisted rescue shall have identification as required for area of refuge that complies with Section 1007.6.5.

SECTION 1008 DOORS, GATES AND TURNSTILES

1008.1 Doors. Means of egress doors shall meet the requirements of this section. Doors serving a means of egress system shall meet the requirements of this section and Section 1017.2. Doors provided for egress purposes in numbers greater than required by this code shall meet the requirements of this section.

Means of egress doors shall be readily distinguishable from the adjacent construction and finishes such that the doors are easily recognizable as doors. Mirrors or similar reflecting materials shall not be used on means of egress doors. Means of egress doors shall not be concealed by curtains, drapes, decorations or similar materials.

1008.1.1 Size of doors. The minimum width of each door opening shall be sufficient for the occupant load thereof and shall provide a clear width of not less than 32 inches (813 mm). Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees (1.57 rad). Where this section requires a minimum clear width of 32 inches (813 mm) and a door opening includes two door leaves without a mullion, one leaf shall provide a clear opening width of 32 inches (813 mm). The maximum width of a swinging door leaf shall be 48 inches (1219 mm) nominal. Means of egress doors in a Group I-2 occupancy used for the movement of beds shall provide a clear width not less than 41.5 inches (1054 mm). The height of doors shall not be less than 80 inches (2032 mm).

Exceptions:

1. The minimum and maximum width shall not apply to door openings that are not part of the required means of egress in Group R-2 and R-3 occupancies.
2. Door openings to resident sleeping units in Group I-3 occupancies shall have a clear width of not less than 28 inches (711 mm).
3. Door openings to storage closets less than 10 square feet (0.93 m²) in area shall not be limited by the minimum width.
4. Width of door leaves in revolving doors that comply with Section 1008.1.3.1 shall not be limited.
5. Door openings within a dwelling unit or sleeping unit shall not be less than 78 inches (1981 mm) in height.
6. Exterior door openings in dwelling units and sleeping units, other than the required exit door, shall not be less than 76 inches (1930 mm) in height.
7. In other than Group R-1 occupancies, the minimum widths shall not apply to interior egress doors within a dwelling unit or sleeping unit that is not required to be an Accessible unit, Type A unit or Type B unit.

8. Door openings required to be accessible within Type B units shall have a minimum clear width of 31.75 inches (806 mm).

1008.1.1.1 Projections into clear width. There shall not be projections into the required clear width lower than 34 inches (864 mm) above the floor or ground. Projections into the clear opening width between 34 inches (864 mm) and 80 inches (2032 mm) above the floor or ground shall not exceed 4 inches (102 mm).

1008.1.2 Door swing. Egress doors shall be side-hinged swinging.

Exceptions:

1. Private garages, office areas, factory and storage areas with an occupant load of 10 or less.
2. Group I-3 occupancies used as a place of detention.
3. Critical or intensive care patient rooms within suites of health care facilities.
4. Doors within or serving a single dwelling unit in Groups R-2 and R-3.
5. In other than Group H occupancies, revolving doors complying with Section 1008.1.3.1.
6. In other than Group H occupancies, horizontal sliding doors complying with Section 1008.1.3.3 are permitted in a means of egress.
7. Power-operated doors in accordance with Section 1008.1.3.2.
8. Doors serving a bathroom within an individual sleeping unit in Group R-1.

Doors shall swing in the direction of egress travel where serving an occupant load of 50 or more persons or a Group H occupancy.

The opening force for interior side-swinging doors without closers shall not exceed a 5-pound (22 N) force. For other side-swinging, sliding and folding doors, the door latch shall release when subjected to a 15-pound (67 N) force. The door shall be set in motion when subjected to a 30-pound (133 N) force. The door shall swing to a full-open position when subjected to a 15-pound (67 N) force. Forces shall be applied to the latch side.

1008.1.3 Special doors. Special doors and security grilles shall comply with the requirements of Sections 1008.1.3.1 through 1008.1.3.5.

1008.1.3.1 Revolving doors. Revolving doors shall comply with the following:

1. Each revolving door shall be capable of collapsing into a bookfold position with parallel egress paths providing an aggregate width of 36 inches (914 mm).
2. A revolving door shall not be located within 10 feet (3048 mm) of the foot of or top of stairs or escalators. A dispersal area shall be provided between the stairs or escalators and the revolving doors.

3. The revolutions per minute (rpm) for a revolving door shall not exceed those shown in Table 1008.1.3.1.

4. Each revolving door shall have a side-hinged swinging door which complies with Section 1008.1 in the same wall and within 10 feet (3048 mm) of the revolving door.

**TABLE 1008.1.3.1
REVOLVING DOOR SPEEDS**

INSIDE DIAMETER (feet-inches)	POWER-DRIVEN-TYPE SPEED CONTROL (rpm)	MANUAL-TYPE SPEED CONTROL (rpm)
6-6	11	12
7-0	10	11
7-6	9	11
8-0	9	10
8-6	8	9
9-0	8	9
9-6	7	8
10-0	7	8

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

1008.1.3.1.1 Egress component. A revolving door used as a component of a means of egress shall comply with Section 1008.1.3.1 and the following three conditions:

1. Revolving doors shall not be given credit for more than 50 percent of the required egress capacity.
2. Each revolving door shall be credited with no more than a 50-person capacity.
3. Each revolving door shall be capable of being collapsed when a force of not more than 130 pounds (572) is applied within 3 inches (76 mm) of the outer edge of a wing.

1008.1.3.1.2 Other than egress component. A revolving door used as other than a component of a means of egress shall comply with Section 1008.1.3.1. The collapsing force of a revolving door not used as a component of a means of egress shall not be more than 180 pounds (801 N).

Exception: A collapsing force in excess of 180 pounds (801 N) is permitted if the collapsing force is reduced to not more than 130 pounds (572) when at least one of the following conditions is satisfied:

1. There is a power failure or power is removed to the device holding the door wings in position.
2. There is an actuation of the automatic sprinkler system where such system is provided.
3. There is an actuation of a smoke detection system which is installed in accordance with Section 907 to provide coverage in areas