

Owner / Applicant Information

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Project Information

KAR Global Headquarters
11299 Illinois St.

CARMEL IN 46032

County HAMILTON

Project Type New ☒ Addition ☐ Alteration ☐ Existing ☐ Change of Occupancy ☐

Project Status ☒ F F=Filed U or Null=Unfiled

IDHS Issued Correction order? ☒ No Has Violation been Issued? ☒ No

Violation Issued by: NA

Local Building Official

Phone: Email:

Local Fire Official

Phone: Email:

Variance Details

Code Name: 2014 IBC

1008.3.1, IBC

Conditions: The turnstiles installed at three (3) exterior exit locations on the 1st floor will not comply with IBC requirements for revolving doors (mainly collapsibility upon contact) - this is required for turnstiles more than 39 inches in height. Actual height will be 62 inches - see attached cut sheets.

The 5-story building includes office and assembly functions.

DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE ARE PROTECTED:

1=Non-compliance with the rule will not be adverse to the public health, safety or w

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2= Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (be specific).

Facts:

1. The turnstiles will open upon fire alarm actuation.
2. The turnstiles will fail open in the event of loss of power to the devices. A battery back up is provided in the event of loss of power to the building. If power is not restored upon battery exhaustion, the turnstiles will fully retract to permit free egress.
3. The turnstiles permit two (2) 36-inch net clear openings at each of the exit locations, exceeding required egress width.
4. The two (2) enclosed stairs serving levels 2-5 have free egress to the exterior outside the turnstile perimeter.
5. The building is protected throughout with an automatic sprinkler system per NFPA 13.
6. The proposed safeguards for the turnstiles exceed the minimum standards for revolving doors used as a means of egress.

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

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Imposition of the rule would result in an undue hardship (unusual difficulty) because of physical limitations of the construction site or its utility services.

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Imposition of the rule would result in an undue hardship (unusual difficulty) because of major operational problems in the use of the building or structure.

☐

Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements.

☐

Imposition of the rule would prevent the preservation of an architecturally or a historically significant part of the building or structure

Facts: The turnstiles are a necessary tool to restrict unwanted access to the building, and to account for authorized personnel entering and leaving the building.