

Owner / Applicant Information

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Designer Information

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Project Information

Brownsburg HS 2017 Renovation and Addition
1000 S Odell Street

BROWNSBURG IN 46112

County HENDRICKS

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: Other Code (Not in the list provided)

InBC 2014 1023.5

Conditions: A new 1 hour exit passageway (Unit G) will have non rated openings from the school building into the exit passageway. To maintain existing travel distances, as part of this school addition an exit passageway has been established. The code requires the openings in these 1 hour fire barriers to have 1 hour fire rated assemblies.

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 entire building is protected by an automatic fire suppression system installed per NFPA 13.
2. Close spaced sprinklers will be placed on the school side of the new glass doors and sidelights, 6'-0" on center and no more than 12" away from the surface face per NFPA 13. Any glass will be either laminated or tempered.
3. All other requirements of the exit passageways, including structural continuity, will be code compliant.
3. The exit passageways on the first floor goes directly into a "long vestibule" and goes outside, the upstairs passageway goes to an enclosed stair that leads outside.
4. Similar variances have been approved for pedestrian walkways on both ends, as well as one for previous phase of this project. Brownsburg HS Renovations and Addition 2017 (17-03-71)

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

☐

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

☒

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 owners undue hardship involves supervision of corridors (passageways) in a high school, visually closed off by fire rated doors with limited vision area, combined with the need for an entrance vestibule for energy conservation.