

Owner / Applicant Information

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Project Information

Lawrence North High School
7802 Hague Road

Indianapolis IN 46256

County MARION

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

Project Status ☒ U 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)

1016.2, 2014 IBC

Conditions: Egress travel distance will be increased from portions of the existing building due to the location of the proposed 3-story addition to the building. Maximum travel distance in the affected areas will be 286 feet - code limit per current code is 250 feet.

The project scope includes demolition of portions of the existing building, construction of a 3-story classroom wing, new media center, and associated circulation space, as well as renovation of existing building areas. The building is classified as E Occupancy, and Type IIB Construction.

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 existing building and addition will be protected throughout with an automatic sprinkler system. Currently non-sprinklered areas in the existing building will be provided with automatic sprinkler protection as part of this project.

2. The project will bring large portions of the existing building into compliance with current code egress travel distance limit due to installation of an automatic sprinkler system in currently non-sprinklered portions of the existing building - raising the limit from 200 to 250 feet to an exit.

3. The Indiana Building Code prior to adoption of the International Building Code (2003) permitted egress travel distance of up to 325 feet in a sprinklered E Occupancy.

4. A nearly identical variance was granted for Lawrence Central High School earlier this year - 20-04-32a. Similar variances have been granted for schools to permit travel distance of up to 325 feet and beyond since 2003, including 07-07-29a, 07-09-10, 08-03-13, 09-09-20, 12-09-18, 13-10-22, 14-01-64, 14-02-32, 16-07-51, 17-03-71, 18-02-28c, 18-07-43, and 19-01-33.

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: Based upon the size and configuration of the existing building and the location of the new 3-story addition, it is not feasible to limit existing travel distance to 250 feet maximum per current code.

Variance Details

Code Name: Other Code (Not in the list provided)

1007.8, 2014 IBC

Conditions: A 2-way communication system will not be provided at the elevator landing on the 2nd and 3rd floors of the classroom addition. The system is required on each accessible floor that is one story above or below the level of exit discharge.

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The project scope includes demolition of portions of the existing building, construction of a 3-story classroom wing, new media center, and associated circulation space, as well as renovation of existing building areas. The building is classified as E Occupancy, and Type IIB Construction.

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. Cell phones are widely used for communication, and will provide a more readily available means of communication for the purpose intended.
 2. This variance has been approved numerous times previously; 20-04-32b, 20-02-54e, 20-01-57b, 19-09-69c, 19-09-68a, 19-09-47a, 19-07-45d, 19-07-23, 19-06-54d, 19-06-51c, 19-05-68, 18-08-43a, 18-06-60a, 18-03-32a, 17-10-13, 17-03-82d, 17-06-38d, 16-09-71d, 15-09-73, 17-02-52a, 17-06-52e, 17-09-62f, and others.
 3. The building will be protected throughout with an automatic sprinkler system per NFPA 13.

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.
- ☒ Y 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: Hardship is the cost for a 2-way communication system that would likely never be used.