

Owner / Applicant Information

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Project Information

University of Notre Dame New Women's Residence Hall
Holy Cross Drive and Wilson Drive

Notre Dame MO 46556

County ST JOSEPH

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)
717.5.4.1 2014 IBC

Conditions: Smoke dampers will not be installed in ventilation supply ducts serving corridors since variance was granted for dorm room doors to not be required to have door closers (variance #18-06-50).

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

- 1

1=Non-compliance with the rule will not be adverse to the public health, safety or w
- 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 building will be protected throughout with a sprinkler system per NFPA 13.
2. The corridors will be provided with a smoke detection system connected to the building fire alarm system - corridor smoke detectors are not required by code. Each sleeping room will be provided with single-station smoke alarms, as required.
3. This request is identical to approved installations for three (3) recently constructed residence halls at UND.

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.
- Y

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 hardship is the initial installation cost and ongoing cost of maintaining smoke dampers that would provide no real life safety benefit, since a variance was granted for dorm room doors to not be required to have door closers (variance #18-06-50). In other words, due to the fact that there is no real smoke barrier at the door to each bedroom, adding smoke dampers in the duct serving the corridor would not create an effective smoke barrier.