

Owner / Applicant Information

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Project Information

IUH Bloomington Academic Health Center
SR46 and 14th Street

Bloomington IN 47408

County MONROE

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

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

IDHS Issued Correction order? ☐ Has Violation been Issued? ☐

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)
2014 InBC Section 714.4.1.1.2

Conditions: T Ratings will not be provided at penetrations of horizontal assemblies that are not within a wall cavity.

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 building will be fully sprinklered.
2. Penetrating items will not be in contact with an combustible materials.
3. The project will comply with T Rating requirements of NFPA 101-2012 (enforced by CMS and ISDH on this project).

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

☒ Y 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: Due to the limitations of T Rating assemblies, it is difficult to install T Rating assemblies in many areas where they are required (at medical imaging equipment and electrical panels/switchgears). T Ratings are meant to stop the transfer of heat from floor to floor. Since there will be no combustibles in contact with the penetrating items, the risk of fire from heat transfer is unlikely.

Variance Details

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

2014 InBC Section 407.4.3.5.1

Conditions: A patient sleeping suite will be designed to not exceed 10,000 square feet. The InBC only permits sleeping suites to be a maximum of 5,000 square feet.

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. Direct visibility from a constantly attended location will be provided.
2. A complete smoke detection system will be provided throughout the suite.
3. The building will be fully sprinklered.
4. The suite design will comply with the 2018 IBC and with NFPA 101-2012 (enforced on this project by CMS and ISDH)

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:

Due to the nature of the patient care in this area (NICU), it is the desire to maintain the space as open as possible while maintaining certain security levels for the patients safety. The design will meet the requirements of both the 2018 International Building and the requirements of the Life Safety Code NFPA 101-2012.

