

Owner / Applicant Information

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Submitter Information

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Project Information

FRANCISCAN BEACON HOSPITAL  
900 1/2 I ST

LAPORTE IL 46350

County LAPORTE

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: 2193622367

Email: NMINICH@CITYOFLAPORTE.COM

Local Fire Official

Phone: 2193622367

Email: andy.snyder@laportefire.com

Variance Details

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

Table 1613.3.5(2) IBC 2104

Conditions: Non-structural components that are permanently attached to structures and their supports and attachments "Architectural, Mechanical, and Electrical Component Seismic Design Requirements" will not be complied with - Section 1613.1

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: Due to the nature of the soil in La Porte County, the Seismic Design Category Based on 1 Second Period Response Acceleration (Table 1613.3.5(2)) is Seismic Design Category C. Short Period (0.2 second) Response Accelerations (Table 1613.3.5(1)) assign only Seismic Design Category A. Current design construction of the structure exceeds the requirements of Design Category A. The inclusion of Seismic Use Group III structures, located in La Porte County in the comprehensive seismic design requirements beyond those of Design Category A is due to the recent exaggerated length of cycle and occurrence at faults affecting the Southern tip of Indiana, Illinois, Kentucky, Missouri, and Tennessee. The soil's reaction to the design seismic occurrence is not based on actual occurrence, since it is so infrequent, but is based on a design model that has yet to be proven under all the conditions of this site. The variance request is; Design Category for non-structural components that are permanently attached to structures and their support attachments be based solely on determination on Short Period (0.2 second) Response Accelerations (Table 1613.3.5(1))

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: Requiring Design Category determination based on 1 Second Period Response Acceleration (Table 1613.3.5(2)) will cost an additional \$300,000.00 to \$350,000.00. If the Commission allows Seismic Design Category A by Variance action, then the savings will be better spent providing other life saving medical aspects to the community currently living in the area served by this new facility.