Owner / Applicant Information

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Project Information

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County ALLEN

Project Type New [Y] Addition [ ] Alteration [ ] Existing [ ] Change of Occupancy [ ]

Project Status [F] F=Filed U or Null=Unfiled

IDHS Issued Correction order? [ ] Has Violation been Issued? [ ]

Violation Issued by: NA

Local Building Official

Phone: 2604497224 Email: joseph.hutter@co.allen.in.us

Local Fire Official

Phone: 2604497224 Email: jim.murua@cityoffortwayne.org

Variance Details

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

2007 ASME A17.1 2.18.5

Conditions: KONE EcoSpace Elevators with a capacity of 3,000-5,000# utilize 6mm steel wire governor rope instead of the required minimum dia. of 9.5mm per Section 2.18.5. Per the attached documentation, these cables meet ASME code Section 2.18.5.1 Factor of Safety.

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

[2]

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: Refer to attached Rope Approval Binder and Section 3 inside the binder which has a copy of an independent 3rd party testing agency verifying the braking strength of the ropes

KONE will also provide a (if requested by the State of Indiana) rope gauge to each elevator inspector. These gauges measure the diameter of the ropes and determine if the ropes need to be replaced due to wear or rouging. (See attached Rope Gauge)

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: This elevator application deletes the need to build an elevator penthouse therefore lowering overall building costs. The elevator technology is addressed by and complies with more recent elevator standards not currently adopted by the State of Indiana.

Variance Details

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

2007 ASME A17.1 2.20.4

Conditions: KONE EcoSpace Elevators with a capacity of 3,000-5,000# utilize 8mm steel wire rope suspension cable instead of the required minimum dia. of 9.5mm per Section 2.20.4. Per the attached documentation, these cables meet ASME code Section 2.20.3 Factor of Safety along with the minimum number of ropes required in Section 2.20.4

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

[2]

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: Refer to attached Rope Approval Binder and Section 3 inside the binder which has a copy of an independent 3rd party testing agency verifying the braking strength of the ropes

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[ ] 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: This elevator application deletes the need to build an elevator penthouse therefore lowering overall building costs. The elevator technology is addressed by and complies with more recent elevator standards not currently adopted by the State of Indiana.