

Owner / Applicant Information

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ODON IN 47562

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Project Information

Quality Woodcraft
9921 N 1070 E

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County DAVIESS

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

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

IDHS Issued Correction order? ☒ No Has Violation been Issued? ☒ yes

Violation Issued by: SBC

Local Building Official

Phone:

Email:

Local Fire Official

Phone:

Email:

Variance Details

Code Name: 2014 IBC
903.2.4(4)

Conditions: The structure is an F-1 occupancy and type V-B construction. The building is 1 story (plus a mezzanine) with a total fire area of 9,730 sq. ft. (including the mezzanine). The code requires a sprinkler system to be provided throughout all Group F-1 occupancy fire areas that contain woodworking operations in excess 2,500 sq. ft. The building is located in a rural area where the rural water company cannot provide adequate volume or pressure for a code compliant sprinkler system.. Subdividing the building into 2500 sq. ft. areas with fire barriers is not practical for the manufacturing process.

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: The owner has proposed additional exits and other measures to ensure that the building will not be adverse to the public health, safety or welfare.

The facility will be provided with a dust collection system that will prevent the release of finely divided combustible waste or use of finely divided combustible materials. The dust collection system will be designed and installed per NFPA 664, 2012 Edition that includes exterior silo with collection manifold with individual connections to each cutting and sanding machine. The dust collection system will immediately evacuate the finely divided combustible waste from the building to exterior silo mitigating potential for risk of fire and/or explosion.

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

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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:

In order to be able to install a code compliant sprinkler system, the owner would have to upgrade the rural water company's water distribution system. This would include running miles of new pipe and potentially installing booster station(s). The price of this system upgrade would be more than triple the price of the building.

Therefore, the owner is proposing the installation of additional exits and the NFPA 664 dust collection system.

