

Owner / Applicant Information

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Designer Information

Christopher A Short  
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Indianapolis IN

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Project Information

G BLOC  
841 E. 64th Street

Indianapolis 46219

County MARION

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:  Email:

Local Fire Official

Phone:  Email:

Variance Details

Code Name: 2010 NFPA 13 Installation of Sprinkler Systems (675 IAC 28-1-5)  
912.2.1

Conditions: We are requesting a variance to the Fire Code Section (NFPA 13 § 912.2.1) that requires a fire department connection on the private fire main to be located on the building's street address for the new G BLOC building located at 841 E. 64TH Street.

The requirement for a fire department connection creates difficulties for this project due to the location of water main, proposed PIV valve (pending Local variance), and proximity to sprinkler room. The proposed FDC location is not on the address side of the building (64th street), instead we propose it be placed on Guilford Ave. Due to the proximity of sprinkler room, PIV, and water main we believe the FDC location as proposed is located in a logical place from a construction, piping, and maintenance standpoint.

The proposed location of the FDC is on the South West side of building as this location is between the existing water main running down Guilford Avenue and the proposed sprinkler room location. It is our intention to locate the PIV 5' away from the proposed FDC that will be located on the same side of the building which we are currently working on a local variance for.

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

☐ 1

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:

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:

FDC located on SW side of building (Guilford Ave) has a better relationship to the existing water main and water service into building, existing fire hydrants, proximity to sprinkler room, proximity to stairwell with standpipe, and proposed PIV valve location (pending local approval).

The water main coming into building at the proposed location makes future maintenance easier. If it were located at the 64th street entry (along with FDC) the piping would be under concrete walks.

The center of the building also contains below grade water retention system that may interfere with below grade piping.

Variance Details

Code Name: 2014 IFC  
912.2.1

Conditions: We are requesting a variance to the 2014 Indiana Fire Code (912.2.1) that requires a fire department connection on the private fire main to be located on the building's street address for the new G BLOC building located at 841 E. 64th Street.

The requirement for a fire department connection creates difficulties for this project due to the location of water main, proposed PIV valve (Local variance Approved), and proximity to sprinkler room. The proposed FDC location is not on the address side of the building (64th Street), instead we propose it be placed on Guilford Ave. Due to the proximity to sprinkler room, PIV, and water main we believe the FDC location as proposed is located in a logical place from a construction, piping, and maintenance standpoint.

The proposed location of the FDC is on the South West side of building as this location is between the existing water main running down Guilford Avenue and the proposed sprinkler room location. It is our intention to locate the PIV 5' away from the proposed FDC that will be located on the same side of the building.

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 proximity to sprinkler room, PIV, and water main we believe the FDC location as proposed is located in a logical place from a construction, piping, and maintenance standpoint.

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: FDC located on SW side of building (Guilford Ave) has a better relationship to the existing water main and water service into building, existing fire hydrants, proximity to sprinkler room, proximity to stairwell with standpipe, and proposed PIV valve location (pending local approval).

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