

Owner / Applicant Information

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Broadway United Methodist Church
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Designer Information

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Project Information

Broadway UMC Reinvisioning
609 E 29th St

Indianapolis IN 46205

County MARION

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

Project Status ☒ U 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: Other Code (Not in the list provided)
ASME 18.1, 2.7.1

Conditions: Article 2.7.1 states the following:

2.7.1 Limitation of Load, Speed, and Travel. The rated load shall be not less than 450 lb nor more than 750 lb. The lift shall be capable of sustaining and lowering a load as specified in Fig. 9.7. The rated speed shall not exceed 30 ft/min. The travel shall not exceed 168 in. Travel of lifts conforming to para. 2.1.3 shall not exceed 1 500 mm (60 in.)., Platforms with a floor greater than 15 sf shall have rated load of not less than 750 lb.

The existing building was constructed in the 1800's. The existing total travel of the existing platform being replaced is 190-inches over the three stops (basement, main and balcony).

DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE ARE PROTECTED:

- 1

1=Non-compliance with the rule will not be adverse to the public health, safety or w
- 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 building was originally constructed in the 1800's. The church has been using the space for over 22 years. The lift has been used for this time and is still used by the congregation to serve all three stops. They need to replace the lift with a new one due to the fire.

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.
- 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: The existing platform lift was damaged by fire. It is the Owner's desire to replace it with a new lift. It has been in use by the Owner's for over 22 years. The lift is still needed in order to serve all stops for their members. The existing shaft does not support a LULA due to space and the existing construction. Modifying the existing construction would be cost prohibitive.

Variance Details

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

ANSI A117.1-2009, 410.2.1

Conditions:

ANSI A117.1-2009, 410.2.1 requires the following:

Doors and gates shall be low energy power operated doors or gates complying with Section 404.3. Doors shall remain open for 20 seconds minimum. On lifts with one door or with doors on opposite ends, the end door clear opening width shall be 32 inches minimum. On lifts with one door on a narrow end and one door on a long side, the end door clear opening width shall be 36 inches minimum. Side door clear opening width shall be 42 inches minimum.
Where a door is provided on a long side and on a narrow end of a lift, the side door shall be located with either the strike side or the hinge side in the corner furthest from the door on the narrow end.

DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE ARE PROTECTED:

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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 replacement lift is going in the same location as the previously damaged lift. The doors will be reused. The depth of the existing walls in the church is over 24-inch concrete and would be cost prohibitive to reconstruct in order to make this work. The church was originally constructed in the 1800's and the church has been using the facility with manual doors for over 22 years.

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.

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:

Existing lift for replacement is 90 degree adjacent entry/exit, 3-stop platform lift, with three 36" nominal wide door slabs at end door opening side opening. The door encasement is poured concrete measuring up to 24" deep. Removal, making larger and replacement is cost prohibitive for the church.

Variance Details

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

ANSI A117.1-2009, 410.2.1

Conditions:

For a platform lift, Section 410.2.1 requires the following:

Doors and gates shall below energy power operated doors or gates complying with Section 404.3. Doors shall remain open for 20 seconds minimum. On lifts with one door or with doors on opposite ends, the end door clear opening width shall be 32 inches minimum. On lifts with one door on a narrow end and one door on a long side, the end door clear opening width shall be 36 inches minimum. Side door clear opening width shall be 42 inches minimum.
Where a door is provided on a long side and on a narrow end of a lift, the side door shall be located with either the strike side or the hinge side in the corner furthest from the door on the narrow end.

The existing lift was damaged in a fire. The owners would like to replace the lift with a new unit. The layout of the existing shaft does not allow for a powered operator due to the nature of the original construction.

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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: The existing doors were not damaged and have been in use since 1996. They do not have power operators on the existing doors due to the nature of the construction. The manual doors have been used by the church for over 22 years and will continue to use in the same manner.

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.

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: The walls surrounding the platform lift are 24-in thick concrete and it would be cost prohibitive to try and install operators for the existing doors.