

Owner / Applicant Information

Chad B Campbell
Eli Lilly and Company
LILLY CORPORATE CENTER

INDIANAPOLIS IN 46285

Phone 3176514340

Email CAMPBELL_CHAD_BRYANT@LILLY.COM

Submitter Information

Edwin L Rensink
RTM Consultants Inc
6640 Parkdale Place

Indianapolis IN

Phone 3173297700

Email rensink@rtmconsultants.com

Designer Information

David R Ter Horst
Ter Horst Lamson & Fisk
3901 West 86th Street

Indianapolis IN

Phone 3173341500

Email dterhorst@tlf-engineers.com

Project Information

Lilly M11-M12 Stair Enclosure
Lilly Corporate Center

Indianapolis IN 46285

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)
1022.5, 2014 IBC

Conditions: An existing stair connecting four (4) floor stories + basement between Buildings M11 and M12 in the Lilly Corporate Center northwest quad group of buildings will be upgraded to comply with current code for enclosure, discharge, and other aspects. Existing low voltage paging system distribution wiring will remain in the stair, including penetrations of the enclosure walls. The IBC prohibits utility penetrations of stair enclosures for systems not directly serving the stairway.

The Northwest Quad group of buildings located on the Lilly Corporate Center campus were constructed beginning in the early 1900's up through the 1970's. Buildings 11 and 12 are among the original group constructed between 1901 and 1913. An evaluation of the NW Quad in 2014 resulted in a number of variances requested and approved to remedy a number of code issues that had developed since the original construction. One of the remedies involved a multi-year plan to re-work and/or construct exit stairs and exit passageways in a number of locations to correct egress travel distance and stair discharge anomalies that were created by a group of projects occurring in the 1980's. The present project is the 3rd of five (5) such projects.

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= 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: 1. The low voltage wiring will be enclosed in conduit and the penetrations will be firestopped where penetrating the stair enclosure walls.
2. The stair and associated exit passageway is being constructed to satisfy a condition for approval of the following two (2) variances: 15-01-17a,b - which will significantly reduce existing egress travel distance and improve exit discharge conditions. The stair in question currently does not discharge to the exterior and is not fully enclosed with fire-rated construction.
3. The stair construction will be of noncombustible to replace existing wood-constructed stairs.
4. All doors into the stair will be 90-minute fire-rated assemblies.
5. The building is protected throughout with an automatic sprinkler system.
6. Based upon the significant improvement of existing egress conditions by the proposed project, retaining existing low voltage wiring penetrations of the enclosure will not be adverse to safety.

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: The cost to remove and relocate the paging system wiring will far outweigh any benefit to safety.

