

Owner / Applicant Information

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Project Information

Lilly K155 ASRS Warehouse  
Lilly Technology Center South

Indianapolis IN 46221

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)

504, 2014 IBC

Conditions: The proposed ASRS (automated storage and retrieval system) warehouse structure will exceed the allowable height for Type IIB Construction. Allowable height in feet is 75 feet. The proposed height will be approximately 110 feet to the main warehouse roof, with approximately 124 feet of height to the roof over the stair providing access to the roof.

The building will house rack supported storage for aqueous based product, preprinted material, and device components to support the parenteral production facility in adjoining Building K150. The building is classified as S-1 Occupancy.

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: 1. The building will be protected throughout with an automatic sprinkler system in compliance with NFPA 13 and/or FM Global Property Loss Prevention Data Sheet 8-9: Storage of Class 1,2,3,4 and Plastic Commodities.

2. The process in the building involves a normally unoccupied automated storage and retrieval system.

3. Sec. 503.1.1 permits special industrial occupancies designed to house special industrial processes that require large areas and unusual building heights to accommodate craneways or special machinery and equipment to be exempt from the allowable area and height requirements of Chapter 5, IBC.

4. Similar variances have been granted in the past for ASRS warehouse facilities, including previous Lilly ASRS project 03¿09-24, as well as for other ASRS facilities including 07-11-15, and others. There are several similar structures in the State of Indiana currently in use.

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 height of the building is dictated by the automated storage and retrieval system. Imposition of the rule would not permit the proposed system, which optimizes efficient storage and retrieval for warehouse items. Restriction of building height would necessitate relocation of the site¿s chilled water loop, which would disrupt the site¿s manufacturing capability and continuity of operation.

