

Owner / Applicant Information

Jim Wolfe
University of Southern Indiana
8600 UNIVERSITY BLVD

EVANSVILLE IN 47712

Phone 8124914120

Email JWOLFE2@USI.EDU

Submitter Information

Roger Lehman
RLehman Consulting
1220 N Red Bank Rd

Evansville IN

Phone 8125890331

Email rlehmanconsulting@gmail.com

Project Information

USI Natatorium
8600 University BLVD

Evansville IN 47712

County VANDERBURGH

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)
2014 IBC Table 706.4

Conditions: A4 Natatorium will be separated from existing A3 Physical Activities building by 2 hr. fire barrier in lieu of 3 hr. fire wall.

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

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: New fully sprinkled Type II building which houses new swimming pool/locker room facilities has about 45' of exterior wall connected to existing Type IIB fully Sprinkled masonry wall of physical activities building.
Sprinkler density will be increased in adjacent pool mechanical room which is partially located along wall in question and water heater service room.
Masonry walls will be provided in new building at connecting location.

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: Construction of self supporting 3hr fire wall will result in more costly construction than is justifiable considering the uses of the 2 structures and the lack of serious fire hazard coming from new natatorium.

Variance Details

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

2014 IBC 903.2.1.3

Conditions: 16,000 sq. ft. A3 Type IIB sprinkled natatorium will not have sprinklers over pool water area

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

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: Pool is used year round and will not have any combustibles. Remainder of deck and all other areas will be fully covered to NFPA 13 standards.
Sprinkler density will be increased in pool pump and heater room.
Spectator seating 220.

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:

Servicing sprinkler systems over pool would require draining pool which is used year round. Increasing protection in hazardous areas is more cost and safety beneficial than protecting pool water.

