

STAFF REPORT

Report Date: 03/01/2019

- "A" category = staff recommendation is for approval with no equal alternatives because of noncompliance is not adverse.
- "B" category = staff recommendation is for approval with equal alternatives as stated by the proponent.
- "C" category = reserved, meaning staff believes Commission needs to discuss entirety.
- "D" category = recommendation is for denial.
- "I" category = incomplete (with permission of the Chairman).
- "NVR" category = no variance required.
- "T" category = tabled.

NOTE: All staff recommendations presume code statements on the variances by the applicant are correct, unless otherwise noted. This means that all code statements become conditions of the variances and, if not true, the variances would be subject to Commission sanction. All LBO and LFO responses that they have received a copy of the application for variance are in order, unless otherwise noted.

Tabled Variances

18-12-01	Project:	Menard's Fire Access Road,Valparaiso
I	18974	
		TABLED BY COMMISSION 02/05/19. TABLED BY COMMISSION 01/03/19. TABLED BY COMMISSION 12/03/18.
		INCOMPLETE - LBO, LFO, 2nd application.
		*****PAPER FILING

18-12-02 **Project:** **Palermo Construction Fire Detection,Fort Wayne**

C 18975

TABLED BY COMMISSION 02/05/19.
 TABLED BY COMMISSION 01/03/19.
 TABLED BY COMMISSION 12/03/18.

The code requires fire alarm and fire detection system to be continuously maintained. The request is to allow the fire detector from the ceiling and pull stand to the non-existing alarm system to be removed. Proponent states this is the remaining parts of an old system that was removed years ago prior to him purchasing the building. The building was previously used as 10,000 sq. ft. manufacturing and laid vacant for several years. The building is now being used as warehouse. *****PAPER FILING

18-12-13 **Project:0** **Daming Excavating,INDIANAPOLIS**

C (b) The code requires fire apparatus access road to extend within 150 feet of all portions of the facility and all portions of the exterior walls of the first story of the building. The request is to allow the fire apparatus access road to be within 178 feet. Proponent states on the south side of the building is an ingress/egress area that is used for tractor-trailers and heavy equipment which is connected to the fire apparatus access road. The area is not a paved surfaced, but proponent states it is well maintained and allows access to vehicles on a daily basis all year round and will be within the 150 feet requirement.

C 18940

TABLED BY COMMISSION 02/05/19.
 TABLED BY COMMISSION 01/03/19.
 TABLED BY COMMISSION 12/03/18.

(a) The code requires on-site fire hydrants and mains to be installed where a portion of a facility or building is more than 400 feet from a hydrant on a fire apparatus access road. The request is to allow the fire hydrant requirement to be omitted. Proponent states the metal building is used to park trucks and heavy equipment overnight. There's no city water. Therefore, there's no fire hydrants.

- 19-01-09** **Project:0** **Broadway Christian Church,Fort Wayne**
 C 18946

 TABLED BY COMMISSION 02/05/19.
 TABLED BY COMMISSION 01/03/19.
 Elevator pit will be 4' instead of 5'.
- 19-01-41** **Project:401199** **Carrier Corporation,INDIANAPOLIS**
 C (b) The code requires guards to be provided along walking surfaces and are to have a minimum height of 42 inches. The request is to allow the escalator balustrades/handrails to serve as guards having a minimum height of 39 inches.

 C 19027

 TABLED BY PROPONENT 02/04/19.
 TABLED BY COMMISSION 01/03/19.

 (a) Existing non-operating escalator will not comply with the requirements for stairs. The request is to allow the escalator to be used as stairs, but will not comply with the riser height; code permits 7 inches max. The riser height is 8 inches. It is not uniform; code requires stairs to have dimensional uniformity. Vertical rise is 15 feet; code limits rise to a maximum of 12 feet. Balustrade/handrail is 39 inches; code limits it to a maximum of 38 inches. Proponent states the escalator was taken out of service and enclosed in a shaft. Escalator is historic and is a showpiece feature, which may be used for casual seating on the risers by employees during breaks. It is only a means of egress for those occupying the escalator.

- 19-01-51** **Project:0** **Millers Merry Manor - Huntington,Huntington**
 C 18994
 TABLED BY COMMISSION 02/05/19.
 TABLED BY COMMISSION 01/03/19.
 (a) The code requires means of egress doors to be maintained in a manner as to be distinguishable from the adjacent construction and finishes such that the doors are easily recognizable as doors. The request is to allow door #2 in the dementia unit to be camouflaged to look like a clock on the exit doors. Proponent states residents are supervised 24 hours a day.
 *****Per fire official's e-mail, he is not opposed to variance.
 C (b) The code prohibits means of egress doors from being concealed by curtains, drapes, decorations or similar materials. The request is to allow door #1 in the dementia unit to be camouflaged to look like a book shelf on the exit doors. Proponent states residents are supervised 24 hours a day.
- 19-02-12** **Project:401344** **Child Development Services W 38th Head Start,INDIANAPOLIS**
 C 19047
 TABLED BY COMMISSION 02/05/19.
 The code permits toilet rooms located in day care and child-care facilities and containing two or more water closets to have one water closet without an enclosing compartment. The request is to allow doors to be omitted from all the water closet partition in order for caregivers to ensure the safety of children under the age of 5.
- 19-02-25** **Project:401342** **Child Development Services W 34th Head Start,INDIANAPOLIS**
 C 403142
 TABLED BY COMMISSION 02/05/19.
 The code permits toilet rooms located in day care and child-care facilities and containing two or more water closets to have one water closet without an enclosing compartment. The request is to allow doors to be omitted from all the water closet partition in order for caregivers to ensure the safety of children.

19-03-01

Project:404749 Uptown Cafe,NOBLESVILLE

C 19119

(a) The code requires an automatic sprinkler system to be provided throughout all buildings with a Group R fire area. The request is to allow the sprinkler system to be omitted. Second floor was converted from a business to a residence resulting in the entire building being required to be sprinklered.

*****PAPER FILING*****

C (b) The code requires a 2-hour rated horizontal assembly when separating the 1st floor B occupancy from the second floor R occupancy. The request is to allow the separation to be 1-hour rated. Proponent states the 1-hour separation is existing. The second floor is for a single family only. Per the proponent, it would be a cost hardship if had to upgrade the floor/ceiling assembly to a 2-hour rating.

19-03-02

Project:402219 New Life Baptist Church Sprinklers,Wabash

C 19181

The code requires a sprinkler system to be installed in Group A-3 occupancy where the fire area exceeds 12,000 sq. ft. or the occupant load is 300 or more. The request is to allow the sprinkler system to be omitted in the church building. Proponent states the building is in a rural area and is not on municipal water. What is the sq. ft. and calculated occupant load of the building?

*****PAPER FILING*****

19-03-03

Project:0 1203 N Lincoln Windows,Bloomington

A 18498

The 1990 One and Two Family Dwelling Code requires emergency egress windows to have a minimum openable area of 4.75 sq. ft., clear width of 18", clear height of 24", and a maximum sill height of 44" above finished floor. The request is to allow the existing windows to have a height of 22", and sill height of 46".

- 19-03-04** **Project:0** **HIE - REMINGTON,REMINGTON**
 B 18869
 Schindler Elevator will utilize 6mm steel wire governor rope instead of the required minimum diameter of 9.5mm.
- 19-03-05** **Project:0** **COMFORT INN - KOKOMO ,Kokomo**
 B 18870
 Schindler Elevator will utilize 6mm steel wire governor rope instead of the required minimum diameter of 9.5mm.
- 19-03-06** **Project:0** **201 S COLLEGE,BLOOMINGTON**
 B 18871
 Schindler Elevator will utilize 6mm steel wire governor rope instead of the required minimum diameter of 9.5mm.
- 19-03-07** **Project:0** **DISCOVERY PARK ,WEST LAFAYETTE**
 B 18872
 Schindler Elevator will utilize 6mm steel wire governor rope instead of the required minimum diameter of 9.5mm.
- 19-03-08** **Project:0** **Memory Care Door Mural at Asbury Towers,Greencastle**
 C 18951
 The code prohibits means of egress doors from being concealed by mirrors, curtains, drapes, decorations or similar materials. The doors are to be easily recognizable. The request is to allow the exit doors from the memory care area to be decorated to look like a balcony overlooking a sandy beach with water view, to conceal or confuse the Dementia/Alzheimer residents.

19-03-09

Project:0 Staff Housing Development, Brookston

- C (c) The code requires walls separating sleeping rooms to be constructed as 1-hour partitions. The request is to allow the 1-hour partitions to be omitted.
- C 19021
- (a) The code requires corridor walls to be of ½ hour construction when corridor serves an occupant load of 10 or more and the building is fully sprinklered with an NFPA 13 or NFPA 13R system. The request is to not rate the corridor walls. Building will be sprinklered with NFPA 13D system if variance is approved.
- C (b) The code requires at least an NFPA 13R automatic sprinkler system to be installed in Group R occupancies. The request is to allow an NFPA 13D system to be installed in two new cabins containing 16 persons each in lieu of the NFPA 13R system. Proponent states the cabins are approximately 4,600 sq. ft. each. Each sleeping room will have two exits and one escape window. Exit travel distance to nearest exit is 50 feet. Similar variances have been granted in the past for smaller cabins. Proponent states there is no water supply for NFPA 13R sprinkler system.

19-03-10

Project:404139 Joseph Decuis, COLUMBIA CITY

- C 19026
- A Chapter 34 Evaluation will be used to convert a barn into a building used as a reception hall. Chapter 34 is not permitted to be utilized for a conversion of a non-Class 1 structure building into an A occupancy.

- 19-03-11** **Project:399303** **A1 Camps,Marshall**
- C 19087
- (a) The code requires at least an NFPA 13R system to be provided throughout all buildings with a Group R fire area. The request is to allow three new modular bunkhouse to be provided with an NFPA 13D system in lieu of the NFPA 13R system. Proponent states two remote exits are provided from each sleeping room. The site operates off a well. There's not enough water pressure and volume for NFPA 13R system.
- C (b) The Administrative Rules for Industrialized Building require an in-plant inspection to be performed at the manufacturing facility. Personnel from the office of the state building Commissioners office shall perform the in-plant inspection. Six modules were put in place without the final inspection and the Indiana Seal. Proponent states third party inspection agency will perform the final inspection of the modules in their current location and will be witnessed by a representative of the Indiana State Fire Marshal's office. If any defects are found they will be corrected and re-inspected before applying the Indiana Seal.
- 19-03-12** **Project:395730** **Fairfield Inn and Suites,GOSHEN**
- B 19108
- (a) MRL Technology.
- B (b) MRL Technology.
- 19-03-13** **Project:391609** **Butler University - Lacy School of Business,Indianapolis**
- C 19110
- The code requires foam plastic insulation used as interior wall or ceiling finish in plenums to have thermal barrier that will separate the foam plastic insulation from the plenum and have a smoke-developed index of 450 or less, or the foam plastic insulation is to have a smoke developed rating of 50 or less. The request is to allow the return air plenum to have exposed spray foam plastic on the exterior walls that will not be covered with a thermal barrier and will have a smoke developed rating of 400.
- Proponent states the ceiling has already been installed. It would be a cost hardship to remove and reinstall ceilings in an approximately 100,000 sq. ft. building.

- 19-03-14** **Project:18014** **Lessonly Whitebox,Indianapolis**

B (b) MRL Technology.

B 19113

(a) MRL Technology.
- 19-03-15** **Project:405773** **Storage Express Frankfort FF, Frankfort**

A 19116

The code requires foundations and other permanent supports of buildings and structures to be protected from frost. Floating slab foundation will be used. Similar variances have been granted in the past.
- 19-03-16** **Project:0** **variance for fire doors,Shelbyville**

C 19121

The code requires horizontal and vertical sliding and rolling fire doors to be inspected and tested annually to confirm proper operation and full closure. The request is to allow the fire doors located in the molding floor #2 area to not be inspected and tested annually. Proponent states the doors will be left opened.
- 19-03-17** **Project:0** **Hampton Inn ,Fort Wayne**

B (b) 6mm steel wire governor rope will be used instead of the required minimum diameter of 9.5mm.

B 19122

(a)8 mm ropes will be used in lieu of the required minimum diameter of 9.5mm.

19-03-18 **Project:0** **City Way II Bldg. D,Indianapolis**

B 19123

(a)8 mm ropes will be used in lieu of the required minimum diameter of 9.5mm.

B (b) 6mm steel wire governor rope will be used instead of the required minimum diameter of 9.5mm.

19-03-19 **Project:0** **Barr Code Studio at Milano Inn,Indianapolis**

B 19124

The code requires corridor construction in Group B occupancy to be one hour fire rated when the occupant load it serves is 30 or greater. The request is to allow new corridor walls and doors to be of non-rated construction. Portion of the existing 2-story with a basement building has been renovated to a tenant space that will be used as an exercise studio. Proponent states the occupant load is less than 50 persons. Fire alarm and smoke detection system will be installed throughout the building.

19-03-20 **Project:0** **arcDESIGN / GLAP - First Floor Tenant Improvement,Indianapolis**

A 19125

The code requires stairs to have a maximum riser height of 7 inches and a minimum tread depth of 11 inches. The request is to allow the new stairs to have a riser height of 7.75 inches and tread depth of 10 inches. Proponent states the new stairs replace the existing stairs that served the basement. The existing stairs were very worn and inconsistent and had a riser height of 8 inches with a tread depth of 9.5 inches. The basement is used for storage and utilities and not normally occupied. Installing complying stairs would have required extensive structural floor framing and bearing modifications.

- 19-03-21** **Project:0** **Harrison High School Security Vestibule,Evansville**
 A 19127
- The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area based on the construction type. The request is to allow a new 328 sq. ft. security entrance vestibule to be added to the existing approximately 200,000 sq. ft. school building without separating it from the existing building with fire wall or sprinklering the entire building. Proponent states the vestibule is to provide secured entryway to the school's offices.
- 19-03-22** **Project:0** **University of Notre Dame Siegfried Hall,Notre Dame**
 A 19128
- The code requires all buildings and structures, and all other parts to be maintained as required when constructed, installed, or altered. The request is to not maintain the existing fire-rated elevator doors in lobby vestibule on floors 1-4. Doors will be removed. Building is fully sprinklered. Proponent states the current code does not require fire-rated elevator lobby vestibule doors.
- 19-03-23** **Project:0** **Harwood School Security Corridor,Evansville**
- C (b) The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area based on the construction type. The request is to allow a new corridor to be put to the existing building without having to sprinkler the building or separate the corridor from the existing building with fire wall.
- C 19130
- (a) The code requires corridor construction in Group E occupancy to be one hour fire rated when the occupant load it serves is 30 or greater and the building is not fully sprinklered. The request is to allow new corridor walls, doors, and windows to be of non-rated construction. Proponent states the new corridor will be used for the students to pass to and from classrooms to cafeteria and art room without passing through secured entry lobby. Corridor is not part of the required exit system except for the exits in the art classroom that will cross the corridor.

- 19-03-24** **Project:402984** **Douglass Park Pool,INDIANAPOLIS**

A 19131

The code requires filtration and recirculation systems. The request is to not install the systems in the new splash pad since the water will not be re-circulated. It will discharge directly to the sewer.
- 19-03-25** **Project:0** **Charles Schwab First Floor Cafe,Indianapolis**

C 19134

The code requires a 1-hour horizontal assembly with 1-hour supporting structure to be provided between the first floor A-2 occupancy and the second floor in order to meet allowable height requirements for the building overall. Building is 4-stories Type II-B construction. The request is to allow the floor assembly occurring over the 1st floor expanded cafe' area, to be supported by unprotected steel bar joists supporting a concrete slab on metal deck. Enhanced sprinklers density of 0.2 gpm per sq. ft. in lieu of 0.1 gpm per sq. ft. will be used for protection of the unprotected steel. Building is fully sprinklered. Proponent states it will be costly having to provide fireproofing to existing bar joists.
- 19-03-26** **Project:0** **Amy Beverland Elementary School ,Indianapolis**

C 19136

(a) The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area based on the construction type. The request is to allow a 4,502 sq. ft. addition to be put to the Center Building area and 4,156 sq. ft. addition to be put to the South Building area, placing the existing building over area for E occupancy of Type II-B construction without having to separate the additions from the existing building with fire walls or sprinklering the building. Proponent states the new additions will increase the total existing building by 10.8%.

C (b) The code requires a sprinkler system to be provided throughout all Group E fire areas having more than 12,000 sq. ft. in area. The new additions and existing building will exceed the 12,000 sq. ft. fire area. The request is to allow the new additions to be put to the existing building without having to sprinkler the building or separate the additions from the existing building with fire walls.

- 19-03-27** **Project:401555** **Faegre Baker Daniels Tenant Interior
Reno,INDIANAPOLIS**
- C 19137
- The code requires egress doors to be readily openable from the egress side without the use of a key or special knowledge or effort. The request is to allow card-reader devices to be used on two sets of doors leading from the elevator lobby into the tenant spaces on floors 19-25. The doors will only open by card-reader activation. Floors 19-24 are for private offices and not open to the general public. The card-reader devices will unlock upon activation of the sprinkler system, fire alarm system, or upon the loss of power controlling the devices. The elevator lobby on the 25th floor will only require card-reader activation after working hours. Building is fully sprinklered.
-
- 19-03-28** **Project:0** **Brownsburg Cardinal and Delaware Trail Elementary
School,Brownsburg**
- C 19170
- Clarification
-
- 19-03-29** **Project:401365** **Corby Hall,NOTRE DAME**
- C 19139
- The code requires corridor walls of Group A-3 occupancy to have a minimum Class B flame spread rating per ASTM E 84 or UL 723. The request is to allow Red Oak wainscoting to be used on the walls in the corridors on the ground and first floors of the A-3 occupancy. Red oak has not been tested per ASTM E 84 or UL 723. Building is fully sprinklered. The sprinkler design in the corridors on the ground and 1st floor will be increased from Light Hazard to Ordinary Hazard Group 1. Proponent states the Red Oak wainscoting will meet Class C flame spread rating which is allowed in all enclosed rooms and spaces throughout the building and in the corridors on the residential floors. The desire is to use the same wood throughout the building. The wood will be stained and fire retardant paint cannot be applied to reduce the flame spread of the wood.
- *****See Fire Official's letter of support*****

19-03-30

B

Project:397686

Legacy Living of Jasper,JASPER

19140

The code requires openings within 4 feet horizontally of the fire wall to be ¾ hour rated. The request is to allow non-rated windows to be provided within 4 feet horizontally of the fire wall. Building is fully sprinklered and will have quick response sprinkler located at the ceiling level within 12 inches horizontally of each exterior opening within 4 feet of the fire wall.

19-03-31

A

Project:0

Bloomington Hall Residence Hall,Greencastle

19142

The code prohibits penetrations into and openings through interior exit stairways and ramps except for required exit doors, equipment and ductwork, sprinkler piping, standpipes, electrical raceway. The request is to allow security cameras to be placed in the fire rated stairways on the north and southeast stairways. Proponent states the cameras are used to monitor the safety of the students. Local fire and building officials do not oppose the variance. See letter of support.

19-03-32

C

Project:387824

The Whit,INDIANAPOLIS

19144

The code requires shaft enclosures to have a fire-resistance rating of 2-hours where connecting four stories or more. The request is to allow 5 shafts connecting the 2nd - 9th floors to not have the required 2-hour rated assembly, two layers of gypsum board on the inside and the outside. Only the outside of the shaft is protected with 2-layers of 5/8" gypsum board. Building is fully sprinklered as required. Proponent states the discrepancy was not caught until the inspection of the last shaft. Four of the five shafts are in Phase 1 and are completely enclosed. It would be a costly and safety hardship if shafts have to be modified.

- 19-03-33** **Project:0** **United Parcel Services Fuel System,Plainfield**
 C 19152
- The code prohibits above-ground tanks containing fuels from exceeding 12,000 gallons in individual capacity or 48,000 gallons in aggregate capacity. The request is to allow two above-ground tanks to store 15,000 gallons of gasoline each and one above-ground tank to store 20,000 gallons of diesel. The new tanks will be between the new fuel dispensers. Fuel tanks are not for public use.
- 19-03-34** **Project:0** **Ole Red Barn,Hanover**
 C 19154
- A Chapter 34 Evaluation will be used to convert a barn into a building used as a 1-story 5,212 sq. ft. with 448 sq. ft., loft, and 1,000 sq. ft. covered porch event space. Chapter 34 is not permitted to be utilized for a conversion of a non-Class 1 structure building into an A occupancy. Loft and first floor has direct exits to exterior. Travel distance is 45 feet; Code permits 200 feet. Shunt trip will be provided and decorative combustible materials will be fire retardant treated. Permanent restroom facilities will be provided in a separate structure.
- 19-03-35** **Project:0** **Hagerstown High School,Hagerstown**
 C 19157
- The code requires corridor construction in Group E occupancy to be one hour fire rated when the occupant load it serves is 30 or greater. The request is to allow new corridor walls and doors to be of non-rated construction. The existing building is being renovated. Proponent states the existing corridors and openings are not rated and installing rated walls and doors would interfere with mechanical system operation and require extensive renovations.

19-03-36

Project:0 Alexandria-Monroe Jr/Sr HS Additions and Renovations,Alexandria

B 19158

(a) The code requires corridors to be fire resistance rated unless the building is fully sprinklered. The request is to allow newly sprinklered school addition put to an existing school to have non-rated corridors. The entire building will not be sprinklered, just the addition where the non-rated corridors are located and some of the existing building up to the south side of the 1-hour corridor. Remainder of unsprinklered building is separated with 2-hour fire barrier and has existing 1-hour corridors. Close spaced sprinklers will be placed on doors in the south wall of corridor D101/E100 and door through the band/choir auditorium areas. The sprinkler will be placed on the non-sprinklered room side of the openings no more than 6 ft. on center.

C (b) The code requires a sprinkler system to be provided throughout all Group E fire areas having more than 12,000 sq. ft. in area. The new 26,300 sq. ft. addition and existing building will exceed the 12,000 sq. ft. fire area. The request is to allow the new addition to be put to the existing building without having to sprinkler the entire building or separate the addition from the existing building with fire wall or fire barrier. Sprinklers will be provided in the new addition and the abutting existing areas down to plan south side of corridor D101/E101.

C (c) The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area based on the construction type. The request is to allow a 26,300 sq. ft. addition to be put to the existing 147,400 sq. ft. building without having to sprinkler the entire building or separating the addition from the existing building with structurally independent fire walls.

19-03-37

Project:0 Invent Learning Hub/Paramount School of Excellence,Indianapolis

A 19159

The code requires rooms to be separated from corridors with 1-hour fire partitions and 20-minute doors. The request is to allow the new boys and girls restrooms on the 2nd floor of the existing school building to not have 20-minute doors to separate the corridor from the restrooms. The exclusion of the doors would allow staff to supervise the students. Similar variances have been granted in the past.

19-03-38

Project:406025

**BCSC East Campus Concession/RR Bldg
Expansion,Brownsburg**

A

19160

The code requires new buildings to comply with the 2010 Indiana Energy Conservation Code, based upon ASHRAE 90.1, 2007 Edition. The request is to allow a new 716 sq. ft. addition being put to an existing 841 sq. ft. concessions/restroom building to not be required to meet the Energy Code requirements due to the structure being used infrequently over an entire year. Proponent states the building's plumbing is drained down during the winter while the building is not in use.

19-03-39

Project:0

XPO Logistics,Plainfield

C

19161

The code prohibits automatic foam-water systems and automatic AFFF water sprinkler system from being used in liquid storage warehouses except where approved. The request is to allow a sprinkler system using 3% AFFF foam-water solution to be used for Class I-B flammable liquids stored in racks, 4 levels high. The liquids will be less than 5 gallons.

19-03-40

**Project:0 Alexandria-
Monroe Intermediate School Additions and
Renovations,Alexandria**

B 19162

(a) The code requires corridors to be fire resistance rated unless the building is fully sprinklered. The request is to allow newly sprinklered school addition put to an existing school to have non-rated corridors. The entire building will not be sprinklered, just the addition and some of the existing building up to the fire wall. The remaining portion of the building not sprinklered is separated by existing 1 hour corridor walls and the existing fire wall.

C (b) The code requires a sprinkler system to be provided throughout all Group E fire areas having more than 12,000 sq. ft. in area. The new 30,500 sq. ft. addition and existing building will exceed the 12,000 sq. ft. fire area. The request is to allow the new addition to be put to the existing building without having to sprinkler the entire building or separate the addition from the existing building with fire wall or fire barrier.

C (c) The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area based on the construction type. The request is to allow a 30,200 sq. ft. addition to be put to the existing 74,400 sq. ft. building without having to sprinkler the entire building or separating the addition from the existing building with structurally independent fire walls.

19-03-41

Project:0 Goshen High School Addition and Renovations,Goshen

C 19165

The code permits 2-story Group E occupancy (school) to be unlimited in area where the building is fully sprinklered and is surrounded with public ways or yards not less than 60 feet. The request is to allow a new 3-story 31,140 sq. ft. addition, Group E occupancy, to be put to the existing 3-story 353,700 sq. ft. Group E occupancy and be considered an unlimited building. Proponent states variances were granted on the existing school allowing it to be 3-stories, unlimited. The stair enclosure will be 2-hour rated, instead of 1-hour.

19-03-42 Project:0 Tenant Retrofit Project at Keystone,Indianapolis

C 19166

The code requires revolving doors to be capable of collapsing into a bookfold position with parallel egress paths providing an aggregate width of 36 inches. The request is to allow the building's second main entrance to have a non-collapsible revolving door. Proponent states there are two existing swing doors in the same wall that are within 10 feet of the revolving door. The revolving door would be used as an entrance only, not as a means of egress. Building is fully sprinklered.

19-03-43 Project:0 West Lafayette Jr Sr High School BP3,West Lafayette

C 19167

The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area based on the construction type. The request is to allow 5,398 sq. ft. additions on each of the 3 stories to be put to the existing building putting the building over allowable area. Existing building is fully sprinklered and new additions will be fully sprinklered as required.

19-03-44 Project:0 Base Group Mini-Storage,Muncie

C 19168

The code requires an automatic sprinkler system to be provided throughout all buildings containing a Group S-1 fire area exceeding 12,000 sq. ft. The request is to allow a 17,000 sq. ft. mini-storage units building to not be sprinklered. Proponent states the building has been used for approximately 12 years. Monitored fire alarm system and smoke detectors are installed. Neither are required by code. City of Muncie is requiring the sprinklers since there is no change of occupancy permit when the storage units were installed.

19-03-45

Project:404648

Shelbyville Airport Hangar,SHELBYVILLE

C

19169

The code requires an automatic sprinkler system to be provided throughout all buildings containing a Group S-1 fire area exceeding 12,000 sq. ft. The request is to allow the sprinkler system to be omitted in the new airport hangar building. Proponent does not agree with Plan Review on how the sq. ft. of the fire area was calculated. Per the proponent, the fire area is 11,998 sq. ft. ***Definition of Fire Area -The aggregate floor area enclosed and bounded by fire walls, fire barriers, exterior walls, or fire-resistance-rated horizontal assemblies of a building.

19-03-46

Project:0 DePauw University Residence Hall - Phase I,Greencastle

- C (d) The code requires A-3 occupancy to be separated from R-2 occupancy with a 1- hour fire barrier. The request is to allow draft curtain and closely spaced sprinklers to be provided in lieu of the required 1-hour fire barrier and the 45-minute rated openings to separate the 1st floor A-3 occupancy from the 2nd floor R-2 occupancy at the open stair. Open stairs connecting not more than 4 stories and not exceeding twice the horizontal projected area of the exit access stairway are permitted to be protected with a draft curtain and closely spaced sprinklers per NFPA 13 in lieu of a rated enclosure.
- A (f) The code requires fire doors to have smoke and draft control assemblies. The request is to allow the resident room doors to not have the required smoke and draft control assemblies, gaskets.
- A 19171
- (a) The code requires hoistways of elevators and dumbwaiters in Group R-2 occupancy buildings that penetrates more than three stories to be provided with vents so that smoke and hot gases can be released to the outer air. The request is to allow the new elevator in the new dormitory building to not have hoistway venting. The 2015 International Building Code no longer requires venting of elevator hoistways. Similar variances have been granted in the past.
- A (b) The code requires fire-doors to be either self-or automatic-closing. The request is to allow the resident room doors to not be provided with closers. Similar variances have been granted in the past. Building will be fully sprinklered with NFPA 13 system as required.
- C (C) The code permits waiting area and similar spaces to be open to the corridor. The request is to permit the lounges and kitchenettes to be open to the corridor serving the dormitory, R-2 Occupancy. Will there be any stoves, ovens, or fryers in the areas open to the corridor?
- C (e) The code requires Class I standpipe hose connections to be provided at an intermediated floor level landing between floors. The request is to allow standpipe outlets to be provided on the main floor level landings in the existing stairs. Proponent states the intermediate landings on the upper floors extend outward further than the 1st floor, therefore the standpipe could not run continuously through all intermediate landings.

- 19-03-47** **Project:0** **IU Foster Quad,Bloomington**
- C (c) The code requires stories above the 2nd story to have at least one enclosed exit stairway. The request is to allow a new stairway to the 10th floor of an existing residence hall to not be enclosed. Proponent states the existing building does not have an exit stairway from the 10th floor. The new stairway will be used for student lounge. Per the proponent, there is no feasible way to provide an enclosed exit stairway from the existing 10th floor.
- C (b) The code requires the number of plumbing fixtures to be provided based on the type of occupancy and the number of occupants. The request is to allow the required number of fixtures to not be installed. Restroom facilities are being upgraded and will have either the same number of showers as existing, or maybe one additional shower. All other fixture count will comply with code. The occupant load is not increasing. Proponent states there is not enough space in the existing building to provide additional showers.
- A 19172
- (a) The code requires fire-doors to be either self-or automatic-closing. The request is to allow the new doors in the existing residence halls to not be provided with closers. Building will be fully sprinklered with NFPA 13 system as required. Corridors will have smoke detection system connected the building fire alarm system.
- 19-03-48** **Project:401254** **Cummins Corporate Office Building Renovation,COLUMBUS**
- A 19173
- The code requires guardrails to be a minimum of 42 inches high. The request is to allow new guardrails at the stair landings to be 41-3/16" above the finished floor to match the height of the existing guardrails. Proponent states new stairs are being provided within existing floor openings.
- 19-03-49** **Project:0** **West Lafayette Cumberland Park Recreation Center,West Lafayette**
- C 19174
- The code requires separate plumbing fixtures to be provided for each sex. The request is to allow a single multiple-user rest room and single locker room to be installed in lieu of separate male and female restrooms. Individual private water closets (full height walls and doors) will be provided within the rest room.

- 19-03-50** **Project:0** **South Decatur Elementary School
Renovation, Greensburg**
- A 19129
- The code requires rooms to be separated from corridors with 1-hour fire partitions and 20-minute doors. The request is to allow the new boys and girls restrooms in the new addition to not have 20-minute doors to separate the corridor from the restroom. The exclusion of the doors would allow staff to supervise the students. Similar variances have been granted in the past.
- 19-03-51** **Project:0** **Lincoln Hills Rehab and Memory Care Renovation, New
Albany**
- A 19145
- The code permits waiting area and similar spaces to be open to the corridor. The request is to permit the dining room and activities area to be open to the corridor in the nursing home, I-2 Occupancy. No stoves, ovens, or fryers are in the areas open to the corridor.
- 19-03-52** **Project:0** **Lutheran Life Villages Lounge Renovation, Forty Wayne**
- A 19163
- The code requires an automatic sprinkler system to be installed throughout buildings with a Group I fire area. The request is to allow a 170 sq. ft. vestibule to be put to the new entrance of the existing building without having to sprinker the existing building and the new addition or separating the addition with a 3-hour fire wall. Vestibule does not add to the occupant load of the building.
- 19-03-53** **Project:405445** **3RD DIMENSION PRINTING, WESTFIELD**
- C 19179
- The code limits the amount of Aluminum powder to be stored to 200 lbs. in hazardous materials storage cabinets in a sprinklered building. The request is to allow 600 lbs. of Aluminum powder to be stored. Building is a 23,680 sq. ft. manufacturing 3D printing facility with 900 sq. ft. interior powder storage room. Building is fully sprinklered as required. Proponent states the aluminum powder will be stored in explosion proof containers.

19-03-54

Project:0 IU McNutt Quad,Bloomington

- C (b) The code requires Class I standpipe hose connections to be provided at an intermediated floor level landing between floors. The request is to allow standpipe outlets to be provided on the main floor level landings in the existing stairs. Proponent states there is not enough space to provide standpipes at the intermediate level landings due to the age of the buildings and configuration of the existing stairways. Building will be fully sprinklered with NFPA 13 system.
- A (c) The code requires hoistways of elevators and dumbwaiters in Group R-2 occupancy buildings that penetrates more than three stories to be provided with vents so that smoke and hot gases can be released to the outer air. The request is to allow the new elevator in the existing building to not have hoistway venting. The 2015 International Building Code no longer requires venting of elevator hoistways. Similar variances have been granted in the past.
- A 19175
(a) The code permits waiting area and similar spaces to be open to the corridor. The request is to allow the new student lounge to be open to corridors serving the dormitories. Building is fully sprinklered as required.
- C (e) The code prohibits corridors from serving as supply, return, exhaust, relief, or ventilation air ducts. The request is to allow corridors to serve as exhaust plenums with corridor door undercuts.
- A (d) The code requires fire-doors to be either self-or automatic-closing. The request is to allow new doors in the corridor of the existing residence halls to not be provided with closers. Building will be fully sprinklered with NFPA 13 system as required. Corridors will have smoke detection system connected to the building fire alarm system. Corridor smoke detectors are not required by code.

19-03-55

Project:0 US Steel - #4 Blast Furnace Elevator,Gary

- C 19102
The code requires smoke and heat detectors to be provided in elevator hoistways. The request is to allow them to be omitted in the 4 blast furnace elevator hoistway. Proponent states having the detectors in the hoistway repeatedly trigger false alarms of the smoke and heat detectors due to building's heat, smoke, and dust. The elevator is not available or accessible to the general public.

19-03-56

Project:0 IU Memorial Union Food and Dining Services,Bloomington

C (b) The required means of egress is to be maintained during construction and demolition, remodeling or alterations and additions to any building. The request is to allow the North exit stair, South West exit and the North West exit to be affected due to the building's renovation.

B 19149

(a) The code requires glazing in fire window assemblies to be fire protection rated. The request is to allow the 3 ft. x 5 ft. window openings located in the lobby and main levels of the interior stair enclosure wall of the North stair, to be non-rated. Building is fully sprinklered and will have an automatic sprinkler located at the ceiling level at the opening, located within 12 inches horizontally of the opening.

19-03-57

Project:0 Botanical Conservatory Connector - Embassy Theater,Fort Wayne

C (b) The code requires exterior walls to be fire-rated when located on property line. The request is to allow a 685 sq. ft. ground floor connector to be constructed between the existing Embassy Theater and the existing Botanical Conservatory without having a rated exterior wall on the property line between the two buildings. The new connector addition will extend approximately 8 feet on the Embassy Theater's property. Proponent states there is an easement agreement that is being drawn up between the Embassy Theater and the Botanical Conservatory to permit the connector addition on the Embassy Theater property. The connector will be used by the Botanical Conservatory patrons to have access to the parking facilities across the street.

C 19143

(a) The code requires a structurally independent fire wall when creating separate buildings or structures. The request is to allow a 2-hour fire barrier to be used to separate the 1-story 685 sq. ft. ground floor connector between the existing Embassy Theater and the existing Botanical Conservatory in lieu of a 2-hour fire wall. The connector will be of non-combustible construction and will be structurally independent from the Embassy Theater and the Botanical Conservatory.

19-03-58 **Project:0** **Third Street North Residence Hall,West Lafayette**
C 19177

The code permits waiting area and similar spaces to be open to the corridor. The request is to permit lounge and study areas to be open to the corridor serving the dormitory, R-2 Occupancy. Building will be fully sprinklered with NFPA 13 system.

19-03-59 **Project:0** **Botanical Conservatory Connector,Fort Wayne**
C 19141

The code requires exterior walls to be fire-rated when located on property line. The request is to allow a 685 sq. ft. ground floor connector to be constructed between the existing Botanical Conservatory and the existing Embassy Theater without having a rated exterior wall on the property line between the two buildings. The new connector addition will extend approximately 8 feet on the Embassy Theater's property. Proponent states there is an easement agreement being drawn up between the Embassy Theater and the Botanical Conservatory to permit the connector addition on the Embassy Theater property. The connector will be used by the Botanical Conservatory patrons to have access to the parking facilities across the street.

19-03-60 **Project:0** **Meredith Residence Hall South Housing,West Lafayette**
C 19178

The code permits waiting area and similar spaces to be open to the corridor. The request is to permit lounge and study areas to be open to the corridor serving the dormitory, R-2 Occupancy. Building will be fully sprinklered with NFPA 13 system.

- 19-03-61** **Project:0** **Everett Realty B-occ change from HUD residential,Elkhart**
- C (b) Double wide HUD Residential unit used as office will not comply with structural live and wind loads. Proponent states the unit has been used as office for years.
- C 19135
- (a) The code requires new buildings or structures to comply with the 2010 Indiana Energy Conservation Code, based upon ASHRAE 90.1, 2007 Edition. The request is to allow a double wide HUD residential unit that is being used as an office of a used car lot to not comply with the current energy code. What are the current requirements?
- 19-03-62** **Project:0** **Sidney and Lois Eskenazi Museum of Art Vault,Bloomington**
- A 19189
- LATE FILING
- The code requires sprinklers to be provided throughout the premises when buildings or structures are required to be fully sprinklered. The request is to allow the sprinkler system to be omitted in the vault area of the art museum. The vault will be separated from the rest of the building with a 2-hour fire barrier. Vault will store noncombustible items.
- 19-03-63** **Project:0** **Jackson County REMC,Brownstown**
- B 19126
- The code requires corridor construction in Group B occupancy to be one hour fire rated when the occupant load it serves is 30 or greater and the building is not fully sprinklered. The request is to allow new corridor walls, doors, and windows to be of non-rated construction. Renovation and addition will be done to the existing office space. Most of the existing corridors are not rated. Proponent states smoke detection will be installed in the corridors, which is not required by code. Existing fire alarm system will be extended into the addition, which is not required by code.

- 19-03-64** **Project:0** **IPL Petersburg Unit 3 stack reline,Petersburg**
 C 19115
 Transport Platforms are manufactured and installed per ANSI A92.10 instead of ANSI A10.4. State of Indiana currently has not adopted ANSI A92.10.
- 19-03-65** **Project:0** **Vectren Corporation,Newburgh**
 C 19118
 Transport Platforms are manufactured and installed per ANSI A92.10 instead of ANSI A10.4. State of Indiana currently has not adopted ANSI A92.10.
- 19-03-66** **Project:0** **US Steel - 4 Boiler Elevator,Gary**
 C 19101
 The code requires smoke and heat detectors to be provided in elevator hoistways. The request is to allow them to be omitted in the 4 boiler hoistway. Proponent states having the detectors in the hoistway repeatedly trigger false alarms of the smoke and heat detectors due to building's heat, smoke, and dust. The elevator is not available or accessible to the general public.
- 19-03-67** **Project:396852** **Lilly M74 Facade Replacement,INDIANAPOLIS**
 C 19195
 LATE REQUEST
 The code requires where fire resistance-rated floor or floor/ceiling assemblies are required, voids created at the intersection of the exterior curtain wall assemblies and floor assemblies are to be sealed with an approved system per ASTM E 2307 in order to prevent the interior spread of fire. The request is to allow the cavity that was created by the exterior over-cladding of the existing exterior walls to not meet the requirements of ASTM E 2307. Building is fully sprinklered meeting the design of Ordinary Hazard in lieu of Light Hazard.

