

STAFF REPORT**Report Date: 03/29/2017**

"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

17-02-02 **Project:** **2 SETS OF DISGUISED DOORS ON MEMORY CARE HALLWAY,INDIANAPOLIS**

C 17388

TABLED BY COMMISSION 03/07/17.
TABLED BY COMMISSION 02/07/17.

The code prohibits means of egress doors from being concealed by mirrors, curtains, drapes, decorations or similar materials. The request is to allow one set of doors to have a wall papered mural and the other to have a painted scene, in order to keep the memory care residents from getting out the building. There are key pads next to both sets of locked doors to unlock the doors. Doors will unlock once fire alarm sounds.

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

17-02-35 **Project:0** **Biltwell Event Center,Indianapolis**

C

TABLED BY PROPONENT 03/07/17.
TABLED BY COMMISSION 02/07/17.

(b) The code requires all categories to have a score of zero or more in order to pass the Chapter 34 evaluation. The request is to allow additional points to pass the revised Chapter 34 analysis: 9.6 points for Fire Safety, 10.1 points for Means of Egress, and 9.6 points for General Safety. Building was converted from a warehouse/manufacturing building to an event facility.

- 17-03-04** **Project:** **CITY COUNTY BUILDING PLAZA
RENOVATION,INDIANAPOLIS**
- C 17439
- The south exterior exits from the City-County Building and the stair towers from the parking garage will be affected during the plaza renovation project. The code requires that all required exits be maintained during construction and demolition, remodeling or alterations to any building, unless the temporary means of egress systems are approved. Ramps will be used as a means of egress.
What will be the travel distance to the new exits? How long will the exits be affected?
- *****PAPER FILING*****
- 17-03-06** **Project:** **THE CROSSING SCHOOL,SYRACUSE**
- C 17449
- TABLED BY PROPONENT 03/02/17.
- The code requires a manual fire alarm system to be installed in Group E occupancy when the occupant load is 50 or more. The request is to not install a fire alarm system, and to grant this until June 30, 2019, until the school relocates. School is in an existing church building. Church service is still being held in the building. The occupant load of the school is 102 persons. Violation was written.
- *****PAPER FILING*****
- 17-03-07** **Project:** **KNOX CROSSING,KNOX**
- C 17450
- TABLED BY PROPONENT 03/02/17.
- The code requires a manual fire alarm system to be installed in Group E occupancy when the occupant load is 50 or more. The request is to not install a fire alarm system, and to grant this until June 30, 2018, until the school relocates. School is in an existing building. What is the occupant load? What type of building? Violation was written.
- *****PAPER FILING*****

- 17-03-08** **Project:** **CROSSING EDUCATIONAL CENTER,GOSHEN**
 I 17451
 TABLED BY PROPONENT 03/02/17.
 INCOMPLETE – LBO AFFIRMATION
 The code prohibits fueled equipment from being stored, operated or repaired within the building. The request is to allow fueled equipment and fuel cans to remain. Building is not sprinklered. A violation was written. What type of fuel equipment is in the building?
 *****PAPER FILING*****
- 17-03-09** **Project:** **BERNE CROSSING,BERNE**
 C 17452
 TABLED BY PROPONENT 03/02/17.
 The code requires a manual fire alarm system to be installed in Group E occupancy when the occupant load is 50 or more. The request is to not install a fire alarm system, and to grant this until June 30, 2019, until the school relocates. School is in an existing building. What is the occupant load? What type of building? Violation was written.
 *****PAPER FILING*****
- 17-03-26** **Project:387337** **Covenanter Hill Carriage House,BLOOMINGTON**
 C 17412
 TABLED BY COMMISSION 03/07/17.
 The code requires stairs to have riser heights of 7 inches maximum and 4 inches minimum, with a minimum tread of 11 inches. The request is to allow the stairs to have a rise of 7-3/4 inches and treads of 11-1/2 inches. Building is 2-stories, with 672 sq. ft. office space above a garage used for residential rental customers to drop off their recycling. Proponent states stairs will be used by employees only, no customers. Stairs are complete.
- 17-03-59** **Project:0** **Kingdom Hall of Jehovah's Witnesses,Indianapolis**
 C 17444
 TABLED BY COMMISSION 03/07/17.
 The code requires on-site fire hydrants and main be provided when a portion of a building or facility is more than 400 feet from a hydrant on a fire apparatus access road. The request is to allow the nearest fire hydrant to be approximately 775 feet from a 576 sq. ft. shed/garage building.

- 17-04-01** **Project:** **KOHL'S ECOMMERCE,PLAINFIELD**
 C 17510
- The code permits buildings or areas protected with an ESFR sprinkler system to have a maximum 400 feet exit travel distance. The request is to allow the 400 feet travel distance to be exceeded by 30 feet in the automated pick system and the shipping area on the east side of the building. Proponent states the areas will only be fully manned around the Christmas holiday. Semi-annual fire drills and training is given for employees that work in the area. Egress path(s) will be painted on the floor in yellow. ***** Please see fire official's letter*****
- *****PAPER FILING*****
- 17-04-02** **Project:** **HAUNTED HOUSE GRISSOM MAZE OF TERROR,PERU**
 C 17539
- The code requires automatic sprinkler system to be provided in special amusement buildings. The request is to allow the sprinkler system to be omitted in the haunted house. Proponent states maze has been sprayed with flame retardant, props are air powered and low voltage, one fireman and police will be onsite during operations, and smoke detectors sinked together. Sprinkler system hasn't been active for at least 15 years. *****PAPER FILING*****
- 17-04-03** **Project:28268** **Orleans Library,Orleans**
 B TABLED BY COMMISSION 03/07/17.
- (b) Thyssenkrupp will utilize 8mm steel wire rope in lieu of the code required minimum diameter of 9.5mm.
- B 17411
- TABLED BY COMMISSION 03/07/17.
- (a) The code requires sheaves and drums used with suspension and compensating ropes to be of metal. The request is to not use metal. Per the proponent, this is no longer required in the 2010 Elevator Code. This was verified by the Director of the Elevator's Division.

- 17-04-04** **Project:0** **St. Vincent Pacers Training Center,Indianapolis**
- B (d) The Gen 2 at 200 system is designed to be compliant with A17.1, 2007 with exception of components such as the alternate speed reducing switch technology which has A17.7 (AECO) approval.
- B 17481
- (a) GEN2 elevators will utilize a 6.3 mm (1/4") diameter governor rope.
- B (b) ACLA buffers will be used in place of spring buffers.
- B (c) Steel Coated Belts will be used as the suspension means.
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- 17-04-05** **Project:385959** **Allied Solutions Corporate Headquarters,Carmel**
- B (b)GEN2 elevators will utilize a 6.3 mm (1/4") diameter governor rope.
- B 17483
- (a) The Gen 2 at 200 system is designed to be compliant with A17.1, 2007, with exception of components such as the alternate speed reducing switch technology which has A17.7 (AECO) approval.
- B (d) Steel Coated Belts will be used as the suspension means.
- B (c) ACLA buffers will be used in place of spring buffers.
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- 17-04-06** **Project:0** **Horton Remodel,Carmel**
- B (b) MRL Technology
- B 17486
- (a) MRL Technology
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- 17-04-07** **Project:390294** **Storage Express LE,LEBANON**
- A 17497
- 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.

- 17-04-08 Project:0 Van Buren Hills School,Shipshewana**
- B (b) The code requires exit signs to be illuminated by electricity. The request is to use highly reflective, photo-luminescent exit signs. Similar variances have been granted in the past.
- B 17501
- (a) The code requires means of egress to be illuminated at all times the building space served by the means of egress is occupied. Per the proponent, there's no electricity, the building will not be used after dark, and battery, wireless smoke and heat detectors/battery manual alarm system will be installed throughout the building. Similar variances have been granted in the past.
- B (c) The code requires a sprinkler system to be installed throughout all buildings with a Group R fire area. The request is to not sprinkler the two occupant studio type apartment for the teacher to use two to three days during the school week. Long-life battery operated interlinked smoke & heat detectors will be installed throughout the building. Fire extinguishers will be provided. Proponent states there is no readily available source of water for the sprinkler system.
- B (d) The code required manual fire alarm by electricity will not be installed. The fire alarm will be battery operated.
- 17-04-09 Project:0 3 Star Investors, LLC,Lagrange**
- B 17506
- (a)The code requires means of egress to be illuminated at all times the building space served by the means of egress is occupied. Per the proponent, there's no electricity and the work is primarily done during daylight hours. Battery, wireless smoke and heat detectors/battery manual alarm system will be installed throughout the building.
- B (b) The code requires exit signs to be illuminated by electricity. The request is to use highly reflective, photo-luminescent exit signs at each door.
- B (c) The code requires a sprinkler system to be provided throughout all Group F-1 occupancy fire areas that contain woodworking operations exceeding 2,500 sq. ft. in area. The request is to allow a NFPA 664 dust collection system to be used. This is a 12,000 sq. ft. building of which 10,658 is mfg area and 1342 is office space. It is a woodworking facility manufacturing wood moldings (trim).
- 17-04-10 Project:0 McDonalds Salem ACI16031,Salem**
- A 17511
- The code requires a sprinkler system to be installed in Group A-2 occupancies with a fire area that has an occupant load of 100 or more or exceeds 5,000 sq. ft. The request is to allow 384 sq. ft. to be added to the existing 5,013 sq. ft. building without having to sprinkler the building.

- 17-04-11** **Project:0** **IU Ball Memorial MOB,Muncie**
 A 17518
- Where two exits are required, the code permits the exits to be spaced a distance apart equal to not less than one-third the length of the maximum diagonal dimension of the area being served if the building is fully sprinklered. The maximum diagonal distance is 140'. Minimum separation should be at least 46'5". Request is to allow the exit doors to be closer. Doors are existing. Two suites are being combined into one by a 5' opening. Proponent states occupant load has not changed and layout has not changed except for the 5' opening. Building is fully sprinklered.
- 17-04-12** **Project:0** **East Allen County Schools Leo Elementary Additions ,Leo**
 A (b) The code requires rooms to be separated from fire rated corridors with 1-hour fire partitions and 20-minute doors. The request is to not provide doors on the boys and girls restrooms that will separate the corridor from the restrooms. Similar variances have been granted in the past.
 B 17512
- (a) The code permits each portion of a building that is separated by one or more fire walls, to be treated as a separate building. A new school addition will be put to an existing school and will cause the existing building to be over area for Type II-B construction if the buildings are not separated with 2-hour fire walls. The request is to allow the new and existing 2-hour fire barriers to be used in lieu of 2-hour structurally independent fire walls and to permit a horizontal offset in the existing 2-hour area separation wall. Travel distance to an exit is 76 feet. Code permits 200 feet. Existing building and addition is 71,771 sq. ft.
- 17-04-13** **Project:0** **IU Tipton MOB addition,Tipton**
 B 17520
- The code permits a fire wall to be used when separating a new addition from an existing building to prevent the addition from putting the existing building in noncompliance. The request is to allow a 2-hour fire barrier to be used in lieu of a 2-hour fire wall to separate the 2-story, 26,100 sq. ft. addition from the existing 2-story 154,600 sq. ft. hospital. Both buildings will be sprinklered as required.
- 17-04-14** **Project:0** **210 East Main Street,Carmel**
 A 17523
- The code requires floor openings between stories created by exit access stairways to be enclosed with fire barriers. The request is to allow the entire exit access stairway to not be enclosed. The only enclosure will be the stair between the basement and the 1st floor, which will be enclosed with a 1-hour fire barrier at the basement level. This is a 2-story with a basement, 8,400 sq. ft. office building.

- 17-04-15** **Project:0** **Brownsburg Mixed-Use Development - North Building,Brownsburg**
- A 17532
- (a) The code requires dressing, shower, sanitary facilities, and baby-changing stations for each sex, to be provided within three hundred feet of all Class A, B, and C pools. The request is to not provide it. Restrooms will be in the common area for the residents and guests. Similar variances have been granted in the past.
- B (b) 2-hour fire barriers will be used to separate buildings in lieu of a 2-hour structurally independent fire walls. The fire barriers will separate the 4-story apartment structure into three (3) separate buildings and will separate the parking garage from the 4-story apartment buildings. Apartments will be fully sprinklered with NFPA 13R and 1st floor retail will be sprinklered with NFPA 13 system.
- 17-04-16** **Project:0** **Brownsburg Mixed-Use Development - South Building,Brownsburg**
- B 17533
- A 2-hour fire barrier will be used to separate buildings in lieu of a 2-hour structurally independent fire wall. The fire barriers will separate the 4-story apartment structure into two separate buildings. Apartments will be fully sprinklered with NFPA 13R. First floor will be separated from apartments with 2-hour walls and floor/ceiling assemblies.
- 17-04-17** **Project:388363** **Indiana Farm Bureau 4th and 5th Floor Renovation,INDIANAPOLIS**
- A 17534
- The code requires a top rail to be installed on guards and handrails. The request is to allow new floor opening between the 4th and 5th floors to have a glass balustrade serving as a guard without a top rail. The code permits top rail to be omitted where the glass balusters are laminated glass and have two or more glass piles of equal thickness, and withstand loads, but it has to be approved by the building official. Proponent states there will be laminated glass and will comply with the loads.
- 17-04-18** **Project:0** **New Prairie High School,New Carlisle**
- A 17535
- The code requires the building to be sprinklered throughout. The request is to allow the sprinklers to be omitted over the pool, but still be considered as a fully sprinklered building. The building will otherwise be sprinklered throughout.
- 17-04-19** **Project:0** **Pike Township Fire Headquarters & Station #61,Indianapolis**
- A 17537
- The code requires sites, buildings, structures, facilities, elements, and spaces to be accessible. The request is to allow elements and spaces for use by firefighting personnel to not be accessible. There are accessible restrooms on the first floor for the public.

- 17-04-20 **Project:0 Barker Archives & Keep Safe Storage,Warsaw**
 C 17313
 TABLED BY COMMISSION 03/07/17.
 TABLED BY COMMISSION 02/07/17.
 TABLED BY COMMISSION 01/04/17.
 Plumbing facilities will not be installed in the heated climate control mini storage building. Proponent states no water or septic is available. Design Release was issued, but cited by inspector for not having plumbing facilities.
- 17-04-21 **Project:0 Banker's Life Field House Loge Seating,Indianapolis**
 C 17490
 The code requires a fascia or railing system to be provided where the foot of the aisle is more than 30 inches above the floor or grade below. The foot of the aisle is 54 inches above the cross aisle below. The request is to allow the 36 inch high guard rail to be removed from 12 theater boxes. The 30 inch continuous guard will remain in place. (26 inches would be permitted at seats) The aisle serves only four seats in each box, two at the lower level.
- 17-04-22 **Project:0 Tippecanoe Lake Country Club Sprinkler System,LEESBURG**
 C 17494
 The code requires fire protection systems to be maintained in conformance with the code that was in effect when it was installed, or altered. The request is to allow the sprinkler system to remain in place in three utility rooms of the clubhouse building, without maintaining it. Proponent states the system has been inoperable since the mid-1980s. The three utility rooms are protected by a monitored fire alarm system.
- 17-04-23 **Project:0 Harrison Square Parking Deck,Fort Wayne**
 C 17495
 (a)The code requires building fire alarm system used to initiate Phase I Emergency Recall Operation, to be installed in each elevator lobby and machine room. The request is to allow the system to be connected to the fire alarm system in the adjacent A-2 occupancy. This fire alarm system will initiate recall. Director of Elevators doesn't oppose the variance as long as the function of the elevators are not changed.
 C (b) The current and code of record does and did not require a fire alarm system to be installed in a garage. Garage is separated from the A-2 occupancy with a 2-hour fire barrier. The request is to allow the fire alarm system located in the garage to be removed. Proponent states fire alarm system in the garage is causing false alarms due to corrosion issues. Is the parking garage part of the emergency shelter?

- 17-04-24** **Project:0** **GLS Inc. Office & Equipment Building,Indianapolis**
 C 17498
 The code requires on-site fire hydrants and main to be provided when a portion of a building or facility is more than 400 feet from a hydrant on a fire apparatus access road. The request is to allow the nearest fire hydrant to be approximately 510 feet from a 6,108 sq. ft. office/storage building (storage and maintenance of construction equipment, vehicle storage, and general storage). Office will be separated from storage with 2-hour fire wall.
- 17-04-25** **Project:0** **Crossroads Day Care,Evansville**
 C 17503
 The code requires exit discharge to have an unobstructed access to a public way or have a safe dispersal area. The request is to allow a fence surrounding the daycare area to have a gate with a lock on it. Proponent states daycare has a playground area that is over 100 feet from the building and the locked gate is for the safety of the 100+ children. Personnel will have key to padlock.
- 17-04-26** **Project:0** **University Lutheran Church Purdue Campus Ministry Center,West Lafayette**
 C 17509
 The code requires all categories to have a score of zero or more in order to pass the Chapter 34 evaluation. The request is to allow 15 points in lieu of 10 points for "Building Score" in the Fire Safety column. The extra points would allow the building to pass the evaluation without having to provide smoke detection throughout the building. Building is 3-stories with basement and will be converted from newspaper publisher to a church with a coffee shop open to the public on the 1st floor. The 2nd floor of the existing building will be leased space for the next 10 years and then will be occupied by the church. Proponent states smoke detection would not be required if this was a new building.
- 17-04-27** **Project:0** **L E Meyers Co Conference Room,Indianapolis**
 C 17514
 The code requires on-site fire hydrants and main be provided when a portion of a building or facility is more than 400 feet from a hydrant on a fire apparatus access road. The request is to allow the nearest fire hydrant to be 2,101 feet. Proponent states building was built in 1990 and there has never been an issue.

- 17-04-28** **Project:0** **The Music Village,South Bend**
 C 17515
- The code permits interior exit stairways that are interconnected by a 1-hour rated corridor, to have its exits separation to be measured along the shortest line of travel within the corridor, in lieu of being measured one-half the length of the diagonal dimension of the area being served. The request is to allow a horizontal exit to be used in lieu of the corridor system from stair to stair. Fire alarm and smoke detection system will be provided. Adjacent tenant is separated with 2-hour fire barrier. Travel distance to stair is 60 feet. This is an existing one-story building with basement. Basement is being converted from storage to music instruction classrooms.
- 17-04-29** **Project:0** **Kenra Professional,Indianapolis**
 C 17516
- The code limits the segregated storage of Level 2 & 3 Aerosol to 40,000 sq. ft. when separated from the remainder of the building with a 2-hour wall. The request is to allow the area to be 59,370 sq. ft.
- 17-04-30** **Project:0** **Silverwood Mennonite Church Foyer Renovation,Goshen**
 C 17517
- The code requires a sprinkler system to be provided in Group A-3 occupancies where the fire area exceeds 12,000 sq. ft. The request is to allow 700 sq. ft. to be put to the existing main lobby of the 15,400 sq. ft. church, Type V-A construction. Building is not sprinklered. Proponent states addition does not add occupants.
- 17-04-31** **Project:0** **White Diamond Lavender Farms Wedding Chapel,Hope**
 C 17519
- A Chapter 34 analysis will be used to convert an 8,000 sq. ft. 1-story, Type V-B construction barn, which is not a Class 1 structure, into a building used for an event space. Chapter 34 is not permitted to be utilized for a conversion of a non-Class 1 structure building to an A occupancy. Proponent states structural evaluation confirms structure is capable of supporting all load requirements.

- 17-04-32** **Project:0** **IU Ball Memorial Elevator 15 & 18,Muncie**
- C 17521
- WITHDRAW BY PROPONENT 03/24/17.
- The code requires sprinklers to be installed at the top and bottom of elevators that use polyurethane-coated steel belts or other similar combustible belt material. The request is to allow the sprinklers to be omitted. NFPA 13, 2013 Edition does not require the sprinklers to be in the elevator hoistways as long as the poly coated cables have at least a FT1 rating.
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- 17-04-33** **Project:0** **University of Notre Dame Indoor Practice Facility,Notre Dame**
- C 17524
- (a) The design occupant load of 999 will be used in lieu of the calculated occupant load of 1,742, along with additional occupants on the mezzanine level. Calculated occupant load of 1,000 or more would require standpipes and voice-alarm system. Standpipes will not be provided and voice-alarm system will not be complete.
 *****See letter of support from fire official.*****
- C (d) The code requires fire apparatus access road to extend within 150 feet of all portions of the building. The request is to allow fire access roads to be provided on two (2) sides of the building, with access to other sides exceeding the 150 feet distance. The maximum distance will be 370 feet from the fire access roads to the most remote point of exterior wall on the east side of the building.
- C (b) The code requires sprinkler system to be provided throughout fire area exceeding 12,000 sq. ft., occupant load of 300 or more, or fire area is located on a floor other than a level of exit discharge. The request is to allow the sprinkler system to be omitted above the football field and the open balcony/lobby areas. Sprinklers will be provided where there is a fuel load and low ceilings and in enclosed spaces under the mezzanine and on the mezzanine. Structure's height over the field is 96 feet at the peak and 54 feet at the eaves.
- C (c) The code prohibits buildings or structures from exceeding the height, number of stories, and allowable area for a new building or structure based on its construction type. The request is to allow the building to be 75 feet and 98,000 sq. ft. For Group A-3 Occupancy, Type II-B Construction, the code permits it to be 55 feet with a maximum of 16,625 sq. ft.

- 17-04-34** **Project:0** **IUPUI Library-Taylor Hall Exterior Stair Repairs,Indianapolis**
- C 17525
- Required means of egress is to be maintained during construction, demolition, remodeling or alterations and additions to any building. The request is to allow temporary egress during demolition and construction, which would affect the exterior stairs of the Taylor Hall, SPEA Building, and IUPUI Library. Project will be completed during the summer of 2017, beginning at end of May, ending at the beginning of the fall semester in August. Egress signs will be revised.
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- 17-04-35** **Project:0** **South Knox Middle School-High School Additions,Vincennes**
- C 17526
- (a) Existing ceilings will be removed due to renovations and additions being done to the existing building, including in areas where sprinklers are being installed. The maximum clearance limits for sprinklers will be temporarily exceeded. Project will begin in May 2017 and end by August 2018. What will be the maximum clearance?
- C (b) Required means of egress is to be maintained during construction, demolition, remodeling or alterations and additions to any building. The request is to allow temporary egress during demolition and construction. Revised egress signs will be posted. The project begins in May 2017, and is scheduled to be completed by August, 2018.
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- 17-04-36** **Project:0** **South Knox Elementary School Additions,Vincennes**
- C (b)
- Required means of egress is to be maintained during construction, demolition, remodeling or alterations and additions to any building. The request is to allow temporary egress during demolition and construction. Revised egress signs will be posted.
- C 17527
- (a) Existing ceilings will be removed due to renovations and additions being done to the existing building, including in areas where sprinklers are being installed. The maximum clearance limits for sprinklers will be temporarily exceeded. What will be the maximum clearance? When will the project be completed?
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- 17-04-37** **Project:383076** **Washington Elementary School ,WARSAW**
- C 17529
- The code permits opening protection to be omitted when openings are in exterior walls terminating at fire walls that form an angle equal to or greater than 180 degrees. The request is to allow a window located in the exterior wall that forms an angle of 90 degrees, to not be protected.

- 17-04-38** **Project:373279** **Regenstrief Institute Headquarters,Indianapolis**
 C 17530
- The code requires permanently connected appliances with 300 volt-amperes or less to have the branch-circuit overcurrent device to serve as the disconnecting means, and if the appliances have more than 300 volt-amperes, the branch-circuit switch or circuit breaker can serve as the disconnect if within sight from the appliance. Proponent states motorized window shades were cited as being an appliance requiring a local disconnect. Window shades are controlled by low voltage motor and will have the branch-circuit overcurrent device serving as the disconnect.
- 17-04-39** **Project:0** **Suburban Bethlehem Lutheran Church & School Addition,Fort Wayne**
 B 17538
- (a) The 2-story classroom/fellowship hall addition will be separated from the existing school building and existing worship facility with 2-hour fire barriers in lieu of structurally independent fire walls. Building is structurally independent from existing building. Both buildings are Type II-B construction.
- C (b) The code requires a sprinkler system to be provided in Group A-3 occupancy where the fire area exceeds 12,000 sq. ft. The request is to allow a 2-story classroom/fellowship hall addition, with a total sq. ft. of 21,465, to not be sprinklered. Building is on rural site with well water. No public water supply.
- 17-04-40** **Project:0** **2014 Edition IFC; 675 IAC 22-2.5, Sec. 1008.1.9.9,Evansville**
 C 17531
- (a) The code permits doors in the means of egress in buildings with an occupancy of Group E to be electromagnetically locked if it has a built-in switch and complies with (5) conditions. The request is to allow some of the doors to not comply. Per the local official, the door leaf that has the magnetic device attached to it, does not operate when you approach it from the inside and activate the panic hardware that is installed on it. *****Violation letter attached*****
- C (b) The code requires exits to be unobstructed at all times. The request is to allow the northwest gym exit to be partially obstructed by a large cart. Proponent states during school day, not more than 40 students are in the gym. During all school activities when bleachers are pulled out, the cart is rolled under the bleachers.

17-04-41 Project:390878 Stonebaker Rooftop Dining,Valparaiso

C 17542

The code requires stairways to have a minimum width of 36 inches where serving less than 50 occupants and 44 inches where serving 50 or more, and headroom of 80 inches. The request is to allow a portion of an existing stairway that serves a new rooftop dining area to have a stair width of 2'8" at the intermediate landing between 1st and 2nd floor, and the bottom run of stairs between 1st and 2nd floor has a width of approximately 2'-7 1/2". Portion of the landing will have a reduced headroom clearance of approximately 6'1" and 6'-5 1/2". Calculated occupant load on rooftop is 66, with anticipated occupant load being 59.

17-04-42 Project:0 Randolph Southern Jr-Sr High School ,Lynn

A 17543

The code requires an automatic sprinkler system to be provided in a group E occupancy with a fire area that exceeds 12,000 sq. ft. The request is to allow a 112 sq. ft. vestibule to be built-out from under the existing canopy at the administration entrance. Existing building is 89,500 sq. ft. and nonsprinklered.

17-04-43 Project:385539 RHIT HMU Expansion And Renovation, Terre Haute

B (d) Steel Coated Belts will be used as the suspension means.

B (c) ACLA buffers will be used in place of spring buffers.

B 17522

(a) The Gen 2 at 200 system is designed to be compliant with A17.1, 2007 with exception of components such as the alternate speed reducing switch technology which has A17.7 (AECC) approval.

B (b) GEN2 elevators will utilize a 6.3 mm (1/4") diameter governor rope.

- 17-04-44 Project:0 Suncrest Church Addition,Saint John**
- B 17544
- (a) New and existing two hour fire barrier will be used to separate the 2005 addition from the rest of the church and proposed addition, in lieu of 2-hour fire walls. Part of the existing building is sprinklered. Sprinklered system will be extended into the remainder of the existing building and new addition. Existing and additions are Type II-B construction except for storage loft and connector.
- A (b) The code requires buildings of Type II-B construction to be of noncombustible materials except for certain areas. The request is to allow the existing 400 sq. ft. storage loft and the 290 sq. ft. connector to remain as wood. These are not areas that can be of combustible materials. Entire building will be fully sprinklered. Sprinklers will be provided under wood loft.
- 17-04-45 Project:0 Direct Connect Logistix,Indianapolis**
- A 17545
- The code requires floors and supporting structures in Type I-A construction to have 2-hour rated floors and 3-hour rated supporting structures. The request is to allow the 2,100 sq. ft. mezzanine to be 1-hour rated. The mezzanine is located within a 1-story Type IA podium structure. This is a tenant build-out. This space is separated from the adjacent space with a 1-hour fire barrier and tenant above has 3-hour rated floor. Tenant space and podium is sprinklered with NFPA 13 System.
- 17-04-46 Project:0 Topeka Mattress & Furniture,Topeka**
- B (b) The code requires means of egress to be illuminated at all times the building space served by the means of egress is occupied. Per the proponent, there's no electricity, the building will rarely be used during non-daylight hours. Battery, wireless smoke and heat detectors/battery manual alarm system will be installed throughout the building.
- I 17502
- WITHDRAWN BY PROPONENT 03/13/17.
- B (c) The code requires exit signs to be illuminated by electricity. The request is to use highly reflective, photo-luminescent exit signs at each door.
- 17-04-47 Project:0 533 W. Washington Blvd. - Organic Meets LLC,Fort Wayne**
- C 17546
- The code requires buildings that is changing its use to comply with the requirements for new construction or be evaluated using Chapter 34. The request is to allow a rescue shelter to be converted into a mixed use building without complying with the above. Basement will be an apartment for the owner of the building. Rest of the building will be a members only social club. NFPA 13D system will be installed and existing fire alarm panel will be upgraded. Building is 3-stories with basement and 10,138 sq. ft. Proponent states Fort Wayne Fire Marshal does not oppose variance as long as the 13D system and existing fire alarm panel is upgraded.

- 17-04-48** **Project:0** **Shelbyville Girls Club Renovation and Expansion,Shelbyville**
 B 17547
- The code permits a fire wall to be used when separating a new addition from an existing building to prevent the addition from putting the existing building in noncompliance. The request is to allow a 2-hour fire barrier to be used in lieu of a 2-hour fire wall to separate an existing 1-story 23,020 sq. ft. building from a 1-story 3,299 sq. ft. addition. The maximum travel distance from the addition is 70 feet, code permits 200 feet.
- 17-04-49** **Project:0** **Shelbyville Boys Club Renovation and Canopy Addition,Shelbyville**
 A 17548
- The code prohibits additions to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area for a new building or structure based on the construction type. Buildings must be separated with fire wall or buildings must meet the requirements for new construction for allowable area. The request is to allow a 393 sq. ft. canopy addition to be put to the existing 24,179 sq. ft. Boys Club Type II-B/III-B construction, without separating the two buildings with a 3-hour fire wall. Canopy doesn't add to fire area of building.
- 17-04-50** **Project:0** **USI Arena Restroom Facilities,Evansville**
 B 17504
- Toilet fixtures count will be based on the typical maximum occupant load, not graduations or other periodic events which may involve floor seating. Proponent states if occupant load requires additional fixtures, school has option of opening restrooms in attached Physical Activities Building.
- 17-04-51** **Project:0** **Hulman Building Apartments,Evansville**
 C 17505
- Chapter 34 Analysis will be used to convert 10-story office tower to apartments and won't comply with the requirements for new construction work. The request is to allow an NFPA 13R system to be installed in a 10-story building where there will be apartments on most floors, but the building will be sprinklered in phases. As a floor is converted, it will be sprinklered. NFPA 13R system is limited to 4-stories in height. Main enclosed stairs will be sprinklered with NFPA 13 system.

- 17-04-52** **Project:390286** **Tyson Fresh Meats Live Animal Barn Addition,LOGANSPO**
 C 17508
 The code prohibits additions to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area for a new building or structure. The request is to allow 7,841 sq. ft. to be added to the existing 345,000 sq. ft. hog barn building, which will put the existing building in further non-compliance, being over area for Type II-B construction, and requiring the F-1 fire area to be sprinklered. Variance was granted in June 2016 allowing 9,976 sq. ft. to be added to this same existing 345,000 sq. ft. building.
- 17-04-53** **Project:0** **130 East Washington Street Restaurant Tenant,Indianapolis**
 A 17551
 Code requires exhaust outlets to be not less than 10 feet horizontally from parts of the same or contiguous buildings, adjacent buildings and adjacent property lines. The request is to allow the exhaust outlet to discharge through the north exterior wall located on the property line. Building is 12 story. Restaurant tenant occupies the 1st and 2nd floors. Proponent states Court Street is an alley right of way 30 feet in width. There is 30 feet of distance between the exterior wall of 130 East Washington Street and the building across Court Street.
- 17-04-54** **Project:0** **Sugar Creek Fire Station #44,New Palestine**
 A 17552
 The code requires sites, buildings, structures, facilities, elements, and spaces to be accessible. The request is to allow elements and spaces for use by firefighting personnel to not be accessible. Proponent states all employment positions available to the physically disabled and areas accessed by the general public will be provided with fully accessible facilities, as required.
- 17-04-55** **Project:0** **Centier Bank IT/Data Addition + Alterations,Merrillville**
 B 17549
 The code prohibits additions to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area for a new building or structure based on the construction type. Buildings must be separated with fire wall or buildings must meet the requirements for new construction for allowable area. The request is to allow a 2,500 sq. ft. office addition to be separated from the existing building (sprinklered 2005 addition), with a 2-hour fire barrier in lieu of a 2-hour fire wall to create separate buildings. The addition will be sprinklered.

- 17-04-56** **Project:0** **Classroom Doors,Evansville**
 C 17540
- The code prohibits fire doors from being blocked, obstructed, or made inoperable. The request is to allow classroom doors to be propped open during student arrival, passing between classes, indoor recess, and tutoring. In addition, cafeteria doors leading to storage and pantry are propped open during school day. Proponent states supervision of students is required.
- 17-04-57** **Project:0** **Park 66,Indianapolis**
 C 17554
- The code prohibits open flames cooking devices from being operated on combustible balconies or within 10 feet of combustible construction. The request is to allow a gas grille to be installed on the rooftop deck, which is of combustible construction. Deck floor beneath grill will be covered with porcelain tile for more than 10 feet all around the grill. Grill will be set within a fire-retardant treated wood countertop.
- 17-04-58** **Project:0** **Biltwell Event Center,Indianapolis**
 C 17555
- The code requires all categories to have a score of zero or more in order to pass the Chapter 34 evaluation. The request is to permit additional points to pass the revised Chapter 34 evaluation: 11.6 points for Fire Safety, 14.1 points for Means of Egress, and 13.6 points for General Safety. Building is 3-story commercial building that was converted in 2015 to event facility. This is an updated evaluation.
- 17-04-59** **Project:390473** **3 CAR GARAGE - USE FOR TRAINING FACILITY &**
 C 17536 **STORAGE,ROCKVILLE**
- Variance to not comply with the 2010 Indiana Energy Code.

- 17-04-60** **Project:0** **Hamilton Heights High School Renovation,Arcadia**
 B 17553
- The code requires glazing in fire window assemblies to be fire protection rated. The request is to allow new glazing that will be installed in corridor walls to not be fire-rated. Fire-rated corridor construction is required based upon lack of sprinkler protection throughout the building. Sprinkler system will be provided throughout the project scope area with an additional sprinkler being provided on the room side of each of the nonrated windows at the ceiling level.
- 17-04-61** **Project:0** **Cheerleading Training Gym,Fort Wayne**
 C 17556
- (a) Chapter 34 analysis allows a portion of the building that is undergoing a change of occupancy to be evaluated on that portion only, if that part is properly separated from the existing space. The request is to allow the existing 1-hour fire barrier to separate the newly converted 16,500 sq. ft. cheerleading training gym tenant space from the existing adjacent tenant spaces, in lieu of the code required 2-hour fire barrier. Proponent states calculated occupant load is 330. Cheerleading training space has 6 exits leading to exterior that accommodates 960 occupants. Tenant space will be sprinklered and fire alarm system installed as required.
- C (b) The code requires all categories to have a score of zero or more in order to pass the Chapter 34 evaluation. The request is to permit additional points to pass the revised Chapter 34 analysis: 18 points for Fire Safety in lieu of 5.9 and 29 points for Means of Egress in lieu of 28.4.
- 17-04-62** **Project:0** **DePauw University Wine Bar Art Gallery Apts,Greencastle**
 A 17557
- The code limits exterior landings to have a slope not to exceed 0.25:12 (2 percent slope). The request is to allow the exterior landing at the two existing front doors of the building to have a slope of 1.5:12 down to the public sidewalk. The building is being renovated into a basement and 1st floor wine bar/restaurant/art gallery and a 2nd floor for three apartments. Proponent states the exterior landing is an existing condition and can't be brought up to current code due to the existing floor and public sidewalk elevations.

- 17-04-63** **Project:0** **Power Line School,Goshen**
- B (d) The code required manual fire alarm by electricity will not be installed. The fire alarm will be battery operated.
- B (c) The code requires a sprinkler system to be installed throughout all buildings with a Group R fire area. The request is to not sprinkler the two occupant studio type apartment for the teacher to use two to three days during the school week. Long-life battery operated interlinked smoke & heat detectors will be installed throughout the building. Fire extinguishers will be provided. Proponent states there is no readily available source of water for the sprinkler system.
- B (b) The code requires exit signs to be illuminated by electricity. The request is to use highly reflective, photo-luminescent exit signs. Similar variances have been granted in the past.
- B 17500
- (a) The code requires means of egress to be illuminated at all times the building space served by the means of egress is occupied. Per the proponent, there's no electricity, the building will not be used after dark, and battery wireless smoke and heat detectors/battery manual alarm system will be installed throughout the building. This is an Amish School.
- 17-04-64** **Project:390507** **416 E 4th Renovation,BLOOMINGTON**
- C 17558
- The code permits an NFPA 13D system to be provided in Group R-3 occupancy. The request is to allow a renovation of a 340 sq. ft. 1-bedroom addition to be put to an existing 3-bedroom apartment, located on the second floor of a 2-story and a basement building, without having to install a sprinkler system. First floor is an existing restaurant. Fire alarm will be installed throughout building, smoke/heat detectors will be installed throughout building and tied into the fire alarm system, fire station is 1 block away on same street, and apartment exits to an exterior stair.
- 17-04-65** **Project:0** **South Washington Street RCF,Kokomo**
- C 17559
- The code permits Group I-1 to receive a one story increase if the building is fully sprinklered with an NFPA 13 system. The request is to allow the building to receive a one story increase by providing an NFPA 13R system in lieu of the NFPA 13 system. The building is 4-stories. The code permits the building to be 3-stories.
- 17-04-66** **Project:161130** **Walker Building,Indianapolis**
- B (b) MRL Technology
- B (a) MRL Technology

- 17-04-67** **Project:0** **Gro Alliance Corn Storage Addition,Howe**
 C 17499
- The code requires a sprinkler system to be provided in Group S-1 occupancy where the fire area exceeds 12,000 sq. ft. The request is to allow a 37,835 sq. ft. package storage building addition to not be sprinklered. The existing building is 44,000 sq. ft. Proponent states the facility is in an area where there is no municipal water. Additional exits will be added to maintain shorter travel distances to exits.
- 17-04-68** **Project:0** **NAWA Restaurant/Bar,Fort Wayne**
 C 17560
- (a) The code requires chimneys or vents equipped with power exhausters for mechanical draft systems, to be located 10 feet from lot lines and adjacent buildings. The request is to allow the furnace, unit heater, and water heater flue vents to terminate at the property line. Four story + basement retail building is being converted to one story + basement restaurant/bar. Proponent states the location of the vents are in an alley way not used for frequent public traffic by vehicles or pedestrians, and functions as access to the rear of the buildings along this street.
- A (b) The code requires environmental air exhaust outlets to be 3 feet from property lines and operable openings, and "other product-conveying outlets" to be 10 feet from property lines and operable openings. The request is to allow the exhaust outlets, including new kitchen exhausts for Type I hoods, to discharge at the property line and allow the hood exhaust terminations to be located less than 10 feet from operable openings. Exhaust will be located in alley way.
- 17-04-69** **Project:390449** **Metro Bldg Renovations Phase I,FORT WAYNE**
 A 17562
- The code requires exhaust outlets to be not less than 10 feet horizontally from parts of the same or contiguous buildings, adjacent buildings and adjacent property lines. The request is to allow the kitchen exhaust outlet to discharge through the north exterior wall located 26 1/2 feet from the property line. Proponent states the alley right of way is 14 feet in width and is not used for frequent public traffic. There is 16 feet of distance between the exterior wall of the Metro building and the property line on the north side of the alley. Building is 8 stories. Restaurant is on 1st floor.

17-04-70

A

Project:373920

Skyline Garage,Fort Wayne

17563

The 2008 Indiana Mechanical Code, code of record, required mechanical ventilation systems in enclosed parking garages to be able to produce a ventilation rate of 1.5 cfm per square foot of floor area. The request is to allow one of three exhaust fans serving each of two garage levels to be eliminated as a result of the construction of a 12-story residential tower on the adjacent property, which will cause the ventilation system to produce approximately 1 cfm per square foot. The current Mechanical Code allows the ventilation rate to be a minimum of 0.75 cfm per square foot.

