

**STAFF REPORT****Report Date: 06/02/2017**

"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**

**17-03-08 Project: CROSSING EDUCATIONAL CENTER,GOSHEN**

C 17451

TABLED BY COMMISSION 05/04/17.

TABLED BY COMMISSION 04/05/17.

TABLED BY PROPONENT 03/02/17.

(a) 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\*\*\*\*\*

C TABLED BY COMMISSION 05/04/17.

(b) 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 not sprinkler the building. No NFPA 664 Dust Collection System will be provided. The woodworking area is located inside of a school that conducts job training for high school students and drop-outs. Would this be an E occupancy?

**17-03-09 Project: BERNE CROSSING,BERNE**

C 17452

TABLED BY COMMISSION 05/04/17.

TABLED BY COMMISSION 04/05/17.

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\*\*\*\*\*

**17-04-02 Project: HAUNTED HOUSE GRISSOM MAZE OF TERROR,PERU**

C 17539

TABLED BY COMMISSION 05/04/17.  
 TABLED BY COMMISSION 04/05/17.

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\*\*\*\*\*

**17-04-40 Project:0 2014 Edition IFC; 675 IAC 22-2.5, Sec. 1008.1.9.9,Evansville**C TABLED BY COMMISSION 05/04/17.  
TABLED BY COMMISSION 04/05/17.

(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.

C 17531

TABLED BY COMMISSION 05/04/17.  
 TABLED BY COMMISSION 04/05/17.

(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\*\*\*\*\*

17-05-05

**Project: Rabbit Ridge School, Hagerstown**

- B (b) The Code required manual fire alarm by electricity will not be installed. The request is to allow interconnected, long life battery smoke and heat detectors to be installed throughout the building.
- B (c) 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 an interconnected smoke and heat detection/alarm system will be installed throughout the building.
- I 17592

TABLED BY COMMISSION 05/04/17.  
INCOMPLETE – LBO

(a) 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.

\*\*\*\*\*PAPER FILING\*\*\*\*\*

17-05-08

**Project: Student / Faculty Residence, LaPorte**

- C 17600

TABLED BY COMMISSION 05/04/17.

The code requires a sprinkler system to be provided throughout all buildings with a Group R fire area. The request is to allow the building to not be sprinklered. The building has 20 student beds and 3 faculty residences. Proponent states there's not enough water to support a sprinkler system. Fire alarm system will have 24-hour monitoring.

\*\*\*\*\*PAPER FILING\*\*\*\*\*

17-05-09

**Project: Temporary Building,Huntingburg**

17605

TABLED BY COMMISSION 05/04/17.

INCOMPLETE – LFO, LBO

D- The code requires a design release to be issued on all Class 1 structures unless the construction is of a type that is specifically exempted from the design release requirements. The request is to allow a temporary building made from (4) 40' steel shipping containers, with a roof built over it, to remain without having filed plans with Plan Review and receiving a design release. Proponent states the use is for temporary coverage of equipment to keep out the weather.

\*\*\*\*\*PAPER FILING\*\*\*\*\*

17-05-13

**Project: Day Early Learning,Indianapolis**

17641

TABLED BY COMMISSION 05/04/17.

INCOMPLETE – CODE EDITION, LBO,LFO, 2ND VARIANCE

\*\*\*\*\*PAPER FILING\*\*\*\*\*

17-05-61

**Project:0 Coffeehouse,Zionsville**

C TABLED BY COMMISSION 05/04/17.

(c) The code requires the number of occupants to be determined by dividing the floor area under consideration by the occupant load factor assigned to the function of the space. The request is to allow the occupant load for the coffee house area to be 33, plus 16 for the office area, giving a total of 49 occupants instead of the calculated occupant load of 59 for the coffee house area, plus 20 for the office area, giving a total of 79 people. The area in question is on the 2nd floor and have one exit. Two exits would be required from the 2nd story even if the occupant load was 49.

C 17607

TABLED BY COMMISSION 05/04/17.

(a) The code permits stairs to have a maximum vertical rise of 12 feet between floor levels or landings. The request is to allow the existing egress stair for the second floor to have a vertical rise of 14 feet. Door swing will be reversed to swing in the path of egress travel. Smoke detection system will be installed on second floor utilizing interconnected hardwired smoke alarms. Proponent states the condition is existing and there is not enough separation to install an additional stair.

C TABLED BY COMMISSION 05/04/17.

(b) The code limits exit access travel distance from a second story Group B occupancy, with one exit, to 75 feet. The request is to allow the travel distance in the existing office space, to be approximately 120 feet. Proponent states the condition is existing and there is not enough separation to install an additional stair.

C TABLED BY COMMISSION 05/04/17.

(d) The code requires exterior exit stairways to have a minimum aggregate of 35 sq. ft. opening on at least one side that is adjacent to each floor level and each intermediate landing. The request is to allow the existing stair to be covered on all sides.

17-06-01

**Project:0 Valparaiso Univeristy,Valparaiso**

B 17623

6mm and 8mm ropes will be used in lieu of the 9.5mm diameter ropes.

Director of Plan Review Doesn't oppose the variance.

- 17-06-02**      **Project:0**                      **Boonville HS Gym Vertical Wheelchair Lift,Boonville**  
 A                      17626
- The code limits travel for lifts to be a maximum of 14 feet. The request is to allow the travel to be 15  $\frac{1}{2}$  feet. Director of Elevator does not oppose this variance.
- 17-06-03**      **Project:0**                      **McClure Oil Corporation #43,Indianapolis**  
 I                      17684
- INCOMPLETE – LBO, LFO, Hardship
- The code prohibits dispensing devices from being within 10 feet of building having combustible exterior wall surface and having a hose nozzle that reaches within 5 feet of building openings. The request is to allow the dispenser to be within 10 feet of the building and the hose nozzle to be within 5 feet of the payment window of the building. A crash bar will be added to the building extension for faster, non-obstructed exit.
- 17-06-04**      **Project:**                      **Chair lift installation Newtown Community**  
 C                      17713                      **Church,Newtown**
- The code requires all buildings and structures to be maintained in compliance with the code (s) in effect when constructed, installed, or altered. The request is to allow two existing flights of stairs starting from the sanctuary leading to the basement, to be reduced in width due to a chair lift being added. The chair lift's track will reduce the width of the first flight of stairs from 65 inches to 56 inches. The width of the second flight of stairs will be reduced from 44 inches to 35 inches. When the chair lift is closed, the width of the first flight of stairs will be reduced to approximately 49 inches and the second flight of stairs will be reduced to approximately 28 inches. Minimum stairway width for current code is 44 inches, 36 inches if the stairway serves an occupant load of less than 50. There is another exit stairway coming from the basement as required.

- 17-06-06**      **Project:389565**      **Painters and Decorators Building,LAFAYETTE**
- B      (c) New exterior openings will be added in the north and south wall of the 2nd floor of the existing building. The walls will have 17% of exterior openings. The code permits 10%. A sprinkler will be provided at the exterior openings at the ceiling level and within 12 inches horizontally of the openings. Similar variances have been approved in the past.
- B      (b) The code permits stairs in occupancies other than Group M and B to have exit access stairways that are opened if the building is sprinklered throughout with an NFPA 13 sprinkler system and the openings are protected by a draft curtain and closely spaced sprinklers in accordance with NFPA 13. The request is to allow the stairs to be opened, protect the opening with draft curtain and closely spaced sprinklers, but provide an NFPA 13R system in lieu of the NFPA 13 system. Similar variances have been approved in the past.
- A      17644
- (a) The code requires stairs in existing building conversions to have a minimum tread depth of 10 inches. Building will be converted from an existing 4-story historic office building to apartments via Chapter 34 Evaluation. The request is to allow the existing stairs that leads from the first floor to the second floor, to have a tread depth of 9 ½ inches in lieu of 10 inches. Stair is poured concrete. Stairs leading from the 2nd floor to the 4th floor will be modified to comply with the 10 inches tread requirement.
- 17-06-07**      **Project:386812**      **Marian University Byrum School of Business,INDIANAPOLIS**
- B      17648
- (a) MRL Technology.
- B      (b) MRL Technology.
- 17-06-08**      **Project:389248**      **Penn Circle,CARMEL**
- B      17649
- (a) MRL Technology.
- B      (b) MRL Technology.
- 17-06-09**      **Project:0**      **Vectren Wagner Center Office Remodel,Evansville**
- B      17660
- The code requires openings in two hour fire wall to have 90 minutes opening protection. The request is to allow the 8.5' x 11.3' opening in the fire wall to not be protected. Instead, NFPA 13 close-spaced sprinkler water curtain will be provided on both sides of the wall. Proponent states a coiling door in the opening would not work due to the need for utility office expansion and flexibility of office desk, equipment and cubicle layout. Building is fully sprinklered.

- 17-06-10 Project:0 Amy Beverland Elementary School Portable Classrooms,Indianapolis**
- A 17654
- (a) The code requires fire apparatus access road to extend within 150 feet of all portions of the building. The request is to allow the distance to remain 240 feet to the back of the trailers (4 portable classrooms), located on the north end of the existing building. Proponent states the distance to the nearest side of the trailers is approximately 150 feet. Portable classrooms were installed in the fall of 2015. Each classrooms are 1056 sq. ft. Construction Design Release was issued, Proponent states a City Building Permit was granted. Now it's being cited by IFD.
- A (b) 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 trailers (4 portable classrooms) to remain 850 feet from the existing fire hydrants. Each classrooms have direct exits to the exterior. This was cited by IFD.
- 17-06-11 Project:0 Founy County Commissioners,Covington**
- A 17664
- The code requires that elevator doors be the horizontal sliding type. The request is to allow the existing manually operated hoistway swing door to power operate to allow improved access to the physically disabled. Director of Elevators does not oppose the varlance.
- 17-06-12 Project:0 Stunning and Picking Building Addition,Huntingburg**
- B 17666
- The code requires openings in fire walls to be protected with fire doors that are self or automatic closing and are to be secured when closed. The request is to allow the doors to not be completely closed due to a chain conveyor inhibiting the doors from closing. Two 3-hour fire doors one on each side of the fire wall at each opening (2) will be installed, along with a deluge sprinkler system on each side of the opening, washing each fire door with a curtain of water, to slow the passage of heat through any remaining gap in the door. In addition, an area inside the existing building, approximately 1400 sq. ft. in size at the two openings, will be sprinklered to inhibit the fire from approaching the openings in the wall. New addition will be completely sprinklered.



- 17-06-13**      **Project:390204**      **Harding High School,FORT WAYNE**  
 A                17668
- 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 a 220 sq. ft. secure entry new addition to be put to the existing 247,335 sq. ft. building of Type II-B construction, and not have to separate the two buildings with a 3-hour fire wall. Proponent states new addition will not affect existing means of egress.
- 17-06-14**      **Project:0**                      **Riverview Health Shaft Enclosure,Noblesville**  
 B                17674
- The code requires ductwork that penetrates fire-resistance floor/ceiling assembly in I-2 occupancy, to be enclosed within a shaft. The request is to allow a shaft to not be provided. Instead, a 90 minute fire damper assembly will be installed at the floor where the ductwork penetrates the floor assembly. Building is fully sprinklered. Proponent states the installation is routed through existing spaces and it would be difficult to construct a shaft enclosure.
- 17-06-15**      **Project:389459**      **Pike Township Temporary Fire Station**  
 A                17675                      **61,INDIANAPOLIS**
- The code requires sites, buildings, structures, facilities, elements and spaces to be accessible. The request is to allow elements and spaces of the new addition, used by firefighting personnel, to not be accessible. Similar variances have been granted in the past.
- 17-06-16**      **Project:0**                      **Indiana Buddhist Temple,HOAGLAND**  
 B                17680
- The code requires permanent plumbing fixtures to be installed in A-3 occupancy. The request is to allow the permanent plumbing fixtures to be omitted in the new 1-story, 2,080 sq. ft. building. Proponent states, accessible portable toilet will be provided when the Buddhist Temple hosts larger events, approximately 3 times a year. Smaller events are held in the Temple. A permanent restroom is in the Buddhist Temple, approximately 200 feet from the new building. Drinking water will be provided at the events. A similar variance was granted in the past.

- 17-06-17 Project:0 Arbuckle Mixed Use Development,Brownsburg**
- A (c) The code requires lifeguard chair(s), ring buoy, shepherd's hook, one twenty four hour (24) unit first aid kit, and a telephone located within three hundred feet of the pool with posted names and emergency numbers for nearest police, fire, and emergency responders, to be provided. The request is to allow the Lifeguard Chair, first-aid kit, and the phone to be omitted. Practically everyone has access to a cell phone for emergency and due to pool size, observation offered by a lifeguard chair is not needed.
- A (b) The code requires a six foot high fence to be provided around the swimming pool. The request is to allow a four foot high fence to be provided. Similar variances have been granted in the past.
- A 17681
- (a) The code requires dressing, shower, sanitary facilities, baby-changing stations and drinking fountains to be provided within 300 feet of the swimming pool. The request is to allow everything except for the sanitary facilities to be done at the tenants' apartment. Restrooms will be within 300 feet of the pool in the amenities area. Similar variances have been granted in the past.
- 17-06-18 Project:0 130 East Washington Street Basement Amenities,Indianapolis**
- A 17682
- The code requires all buildings and structures to be maintained in compliance with the code (s) in effect when constructed, installed, or altered. The request is to not maintain the existing elevator lobby vestibule in the basement by eliminating it. Similar variances have been granted in the past. Building is fully sprinklered with NFPA 13 system.
- 17-06-19 Project:0 University of Notre Dame Knott Hall,Notre Dame**
- A 17683
- 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 to maintain the existing fire-rated elevator doors in lobby vestibule on floors 1-4. Doors will be removed. Building is fully sprinklered with NFPA 13 system.

- 17-06-20**      **Project:0**                      **Lilly K140 Renovation,Indianapolis**  
 A                      17685
- 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 a 1,555 sq. ft. café addition to be put to the existing 65,800 sq. ft. first floor of Building K140 of Type II-A construction. Current code allowable area for the first floor of the building, Type II-A construction is 53,650 sq. ft. Existing building is sprinklered and new addition will be sprinklered as required.
- 17-06-21**      **Project:0**                      **Hammond Sportsplex,Hammond**  
 C                      (b) The code limits the exit access travel distance in fully sprinklered Group A occupancies to 250 feet. The request is to allow the travel distance to be 350 feet from the mezzanine running track to the exterior. Mezzanine will have two open interior stairs and two exterior stairs. Space is open to below so occupants will be aware of situation below.
- C                      17651
- (a) The code requires an emergency voice/alarm communication system to be provided in Group A occupancies (assembly) where the occupancy is 1,000 or more. The request is to allow the communication system to be omitted. Proponent states the space is open and obvious for occupants to be aware of conditions in the building without needing a voice alarm system. Building sprinklered per NFPA 13 as required by code.
- 17-06-22**      **Project:0**                      **Biltwell Event Center,Indianapolis**  
 C                      17652
- The code requires all buildings and structures to be maintained in compliance with the code(s) in effect when constructed, installed, or altered. The request is to allow this variance to supersede variance #17-02-35c, that allowed the building that was converted from a warehouse/manufacturing use to an event facility in 2015, to continue its operation until necessary permits and design releases are obtained and construction completed, to rectify the issues that were cited by the code officials. The conditions on that variance were "Permits are to be filed within twelve months from the date of the letter (02-09-17), with completion of work within sixteen months from date of the letter. Doors are to be installed within 75 days from the date of the letter". Per the proponent, the original deadline to have the doors installed could not be met due to delivery time and is requesting that the deadline for the doors to be installed be moved to 07/31/2017 instead of 04/25/2017.

17-06-23

**Project:391303 Mind Games Escape Room,INDIANAPOLIS**

- C (b) The code permits electromagnetically locks on egress doors if five criteria are met. Hardware being affixed to the door leaf that has an obvious method of operation that is readily operated under all lighting conditions, is one of them. The request is to allow electromagnetic locks on the doors, but not comply with the hardware being affixed to the door leaf requirement. Proponent states all participants sign a waiver noting they will be placed in these rooms and will be given instruction on the use of the push-to-exit buttons in case of an emergency prior to the start of the game.

C 17653

(a)Escape Room will not comply with all Special Amusement Building requirements. Actuation of a single smoke detector, the automatic sprinkler system or other automatic fire detection devices will not immediately sound an alarm at a constantly attended location. A monitored fire alarm and an emergency voice/alarm communication system will not be provided. Interior finish may not be Class A and exit markings will not be provided beyond what is required. Locked egress doors will have a push-to-exit button beside the door in case of emergency. The doors will unlock immediately when the button is pushed. Participant will be monitored.

17-06-24

**Project:377701 Purdue University Active Learning Center,West Lafayette**

B 17657

(a) The code requires roof construction and associated secondary members to be 1 hour fire rated unless every part of the roof construction is 20 feet or more above the floor immediately below. The request is to allow the exposed gable-shaped roof trusses in the library reading room / multi-purpose space of the Wilmeth Active Learning Center to be painted, but not fireproofed. The framing members will be at least twenty-nine (29) feet above the floor immediately below. Per the proponent the facility will be protected with a NFPA 13 sprinkler system designed as ordinary hazard II instead of light hazard, which will deliver twice the volume of water per sq. ft. than the light hazard design. Previous variance was granted for this building when the room was classified as a reading room only. Now it's a reading room/multi-purpose space.

- C (b) The code requires the number of occupants to be determined by dividing the floor area under consideration by the occupant load factor assigned to the function of the space. The request is to allow the occupant load for the library reading room/multi-purpose room to have a posted occupant load of a maximum of 270 instead of the calculated occupant load of 722. Proponent states the number of exit access doorways in the reading room will accommodate 270 people. There was an exception in the model code that would permit an occupant load less than the calculated occupant load, but was deleted by Indiana amendments. The building's exiting system would have to be modified. Per the proponent, this would be a cost hardship. Seating layout is included reflecting the 270 occupant load.

- 17-06-25**      **Project:0**              **Village Center Shoppe - Lot 16,Carmel**  
 C              17659
- The code requires an NFPA 13 or 13R sprinkler system to be provided throughout all buildings with a Group R fire area. The request is to allow a new two-story, wood-framed structure, with the first floor being B occupancy, garage, and 2nd floor having two separate apartments (R-2 occupancy), to be sprinklered with an NFPA 13D System in the residence areas. Hard-wired smoke detection system will be provided between the two floors, and garage will be separated from the residence and B occupancy with 1-hour separation and 1-hour separation will be provided between the B and R occupancies. Similar variance was granted in the past with there being 3 apartments on the 2nd floor and building being 2-hour construction.
- 17-06-26**      **Project:0**              **360 Market Square,Indianapolis**  
 C              17665
- ICC/ANSI A117.1 2003 Edition, the code of record, limited sliding door threshold to  $\frac{1}{2}$  inch high in Type A and B dwelling units. The request is to allow the threshold to be  $\frac{1}{2}$  inch to 1  $\frac{1}{4}$  inches high. Proponent states, when required by tenant needs, a ramp(s) will be provided to accommodate wheelchair users. The owner's representative has been notified of possible federal housing requirements and possible equivalent facilitation. Per the proponent, the building is under construction and it may be impossible given the conditions.
- 17-06-27**      **Project:0**              **St. Lukes UMC,Indiaapolis**  
 C              17669
- The code prohibits temporary tents, air supported, air-inflated structures from being erected for more than 30 days within a 12 month period on a single premises. The request is to allow two tents to be up for eight weeks for additional outdoor space for the summer season. What are the dates?
- 17-06-28**      **Project:0**              **White River Water Treatment Plant Permanganate  
 Chemical Feed,Indianapolis**  
 A              17673
- The code requires an automatic sprinkler system to be installed in Group H occupancies. The request is to allow the chemical storage and metering pump building (H-3 occupancy), and the attached canopy storage area to not be sprinklered. Proponent states, materials stored are noncombustible, building and sheltered storage area is separate from other buildings, building is not occupied for any other purpose, and the building has a direct exit to the exterior.

- 17-06-29**      **Project:391058**      **Phoenix Theatre,INDIANAPOLIS**
- C      17677
- (a) The code requires occupiable spaces, habitable spaces, and corridors to have a headroom of 7 feet 6 inches. The request is to allow the trap spaces below the stage to have 5 feet 5 inches of headroom between beams and 4 feet of headroom at beams. Proponent states the spaces will be occupied only by actors or stagehands familiar with the space. Building is fully sprinklered. Space will have smoke detection and alarm notification devices.
- C      (b) The code requires buildings or portion thereof to be provided with a means of egress system. The request is to allow the trap space to not have a means of egress system. The space is accessed via seven (7) separate trap doors from the stage floor, and will be used to raise and lower set pieces and/or used as a means of entrance for an actor to go up on the stage floor during performances. The actor would enter the stage level via a stair or lift through one of the other trap door openings outfitted specifically for the particular performance.
- 17-06-30**      **Project:0**      **Charles Black Center,South Bend**
- A      (b) The code requires a fire wall when creating separate buildings. The request is to allow new and existing 2-hour fire barrier to separate the existing building and new additions in lieu of a 2-hour fire wall. Buildings are 1-story. Gymnasium building existing and new is approximately 12,000 sq. ft. and the Community Center building existing and new is approximately 11,744 sq. ft.
- C      17678
- (a) The code requires a sprinkler system to be provided in Group A-4 occupancies where the fire area has an occupant load of 300 or more. The request is to allow a sprinkler system to not be installed in the existing gymnasium and the gymnasium addition. Total calculated occupant load of the gymnasium is 478. Smoke detection will be provided in gymnasium, smoke and/or heat detectors will be installed in storage and mechanical spaces, and smoke detectors will be provided in the corridors and areas open to the corridor. Three exits total lead to the exterior from the gymnasium, existing and new addition.
- B      (c) The code prohibits rated corridors to be interrupted by intervening rooms except for foyers, lobbies, and reception rooms. The request is to allow the "lounge/cube area" to be open to the corridor in the community center.
- 17-06-31**      **Project:345739**      **Wishard Hospital Replacement Facility,INDIANAPOLIS**
- A      17679
- The code only permits openings and penetrations that access and serve the exit enclosure. The request is to allow security cameras to be installed in all exit enclosures throughout the hospital. Proponent states security cameras are necessary for hospital security. Penetration will be firestopped as required by code.

17-06-32

Project:381682

St Vincent Center Indiana Pacers  
Training,INDIANAPOLIS

C 17686

The code requires each sprinkler system to be provided with a listed indicating valve in an accessible location. The request is to allow the valve to be located in the fire pump room off the street level entry lobby. Proponent states the fire pump room is well marked and rated and located adjacent to the fire command center. There is no other room for the valve and a wall mounted valve will obstruct the sidewalk.

17-06-33

Project:391175

Scenic Hills New Building,WOLCOTTVILLE

B (c) 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 building will not be used after dark.

B (d) 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 (b)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. 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 17671

(a) The Code required manual fire alarm by electricity be installed. The fire alarm will be battery operated.

17-06-34

Project:0

Plant 83, Fire Wall Penetration ,Goshen

C 17639

The code requires fire walls to be maintained to prevent the passage of fire, and all openings protected with approved smoke doors or fire dampers are to be maintained also. The request is to allow an existing mezzanine that goes through a fire wall to remain as is. Mezzanine penetrates fire wall. Proponent states there was a fire door, but it was removed. Previous use was fabric processing plant. Current use is metal processing plant. The mezzanine area is fully sprinklered above and below it.

- 17-06-35**      **Project:391153**      **RQAW Headquarters,FISHERS**  
 NVR      17690
- (a) The code permits buildings with only Group B or M occupancies to have unenclosed exit access stairs in fully sprinklered (NFPA 13) buildings, with the area of the floor opening between stories not exceeding twice the horizontal area of the exit access stairs, and the unenclosed stairs are protected by a draft curtain and closely space sprinklers (NFPA 13). In addition, all other occupancies are allowed to have unenclosed stairs that meet the above criteria except the unenclosed stairs cannot connect more than 4 stories. The request is to allow a 3-story with a partial 4th story conference room/lounge, Group B, M, and A-3 building to have unenclosed stairs. If building meets all criteria as listed, no variance is required.
- C      C/NVR –(b) Because the rooftop deck has a required means of egress through an enclosed 4th floor conference room, an Occupancy classification of A-3 has been assigned by Plan Review to the conference room/lounge – this in turn causes the building to exceed the 3 stories allowable height for Type IIB Construction. The code permits a room or space used for assembly purposes with an occupant load that is less than 50 and is an accessory to another occupancy to be classified as a Group B occupancy or as part of that occupancy. Occupant load is 34. If the space is not deemed as an A-3 occupancy, building will meet allowable stories.
- 17-06-36**      **Project:0**      **24 W. Washington St.,Indianapolis**  
 A      17691
- The code requires a landing to be provided at the door and at the top and bottom of each stairway. The request is to allow the landing to not be installed. The new door will be located next to the existing rear exit door and will duplicate the existing conditions of the existing door. Proponent states the existing exiting condition has been there for over 100 years and having to add the landing to the new door would require significant structural work.
- 17-06-37**      **Project:384347**      **Purdue University Agricultural and Life,WEST LAFAYETTE**
- B      (c) 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) ACLA buffers will be used in place of spring buffers.
- B      (b) GEN2 Elevators will utilize 6.3mm steel wire governor rope instead of the required minimum diameter of 9.5mm.
- B      17655
- (a) Steel Coated Belts will be used as the suspension means.



- 17-06-38**      **Project:384885**      **Purdue Football Performance Complex,WEST LAFAYETTE**
- A      (d) Code requires two-way communication systems to be provided at the elevator landing on each accessible floor that is one or more stories above or below the story of exit discharge. The request is to not provide the system in this 3-story building. Cell phones could be used in emergency situations.
- B      (c) GEN2 Elevators will utilize 6.3mm steel wire governor rope instead of the required minimum diameter of 9.5mm.
- B      17656
- (a) ACLA buffers will be used in place of spring buffers.
- B      (b) Steel Coated Belts will be used as the suspension means.
- 17-06-39**      **Project:0**      **Butler University Irwin Library,Indianapolis**
- C      17692
- Required means of egress is to be maintained during construction, demolition, remodeling or alterations and additions to any building, unless approved. The request is to allow a temporary closure of the north exit of the library for approximately 2 years during construction of a new building, which will result in stair discharging through the first floor and dead end corridor. In addition, one accessible entrance will be temporarily closed. Temporary exit signage will be posted.
- 17-06-40**      **Project:386407**      **Lake Park Senior Apartments,Hobart**
- C      17638
- The code prohibits structures from exceeding the height, number of stories, and allowable area for a new building or structure. The request is to allow a 3-story, 69,707 sq. ft. apartment (R-2 occupancy) to be viewed as Type V-A construction. Using an NFPA 13R system would give a 1-story increase, allowing the building to be 4-stories. The project was released as Type V-B construction. Plans were submitted based on V-B construction. Based on V-B construction, the building is allowed to be 3-stories, which includes the 1-story increase from the sprinkler system. Based on V-B construction, floor area is more than 2,000 sq. ft. over the allowable area, and is not 1-story below the allowable number of stories.
- 17-06-41**      **Project:0**      **Indiana Youth Group Renovation,Indianapolis**
- A      17693
- The code requires separate plumbing fixtures to be provided for each sex. The request is to allow single-occupant unisex restrooms to be provided on each floor of the building used by LGBT youth group organization. A cluster of two single-occupant restrooms will be provided on each floor. One restroom in each cluster will be made fully accessible. Second restroom will not be fully accessible.

- 17-06-42**      **Project:392105**      **Gateway 600 TI Ingram Micro,JEFFERSONVILLE**  
 B      17694
- (a) The code prohibits alternative fire suppression systems from being used in buildings where a sprinkler system is used for trade-offs. The request is to allow a clean agent fire suppression system to be used in the Data Room in lieu of water-based automatic sprinkler system. The building is designed as a sprinkler unlimited building based on sprinkler system throughout the building. Proponent states the clean agent system will provide fire suppression protection without damaging sensitive electronic equipment in the Data Room. Similar variances have been granted in the past.
- A      (b) The code prohibits aggregate accessory occupancies from exceeding the tabular value based on its construction type, or being more than 10% of the building area of the story in which they are located. The tabular value is 9,500 sq. ft. The request is to allow the aggregate area of the accessory A-3 occupancy to be 11,054 sq. ft. The entire building, S-1/B occupancies is 592,800 sq. ft. The accessory area (A-3 occupancy) is less than 2% of the building.
- 17-06-43**      **Project:386812**      **Marian University Byrum School of Business,INDIANAPOLIS**  
 A      17695
- The code requires interior wall and ceiling finish materials to have Class C interior finish rating per ASTM E-84. The request is to allow carpet material installed on the horizontal and vertical surfaces of the seating risers located within the Presentation Space, if considered as "wall" covering, to not be tested per ASTM E-84. Proponent states the material has a Class I rating as a floor material per the Critical Radiant flux Test. Material has a smoke density of less than 450 per ASTM E-662, as required for an interior wall or ceiling finish. Building is fully sprinklered.
- 17-06-44**      **Project:385810**      **St Elizabeth Health East,LAFAYETTE**  
 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      (b) GEN2 Elevators will utilize 6.3mm steel wire governor rope instead of the required minimum diameter of 9.5mm.  
 B      17645
- (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.

17-06-45

**Project:0 Hampton Inn & Suites,Indianapolis**

- B (b) GEN2 Elevators will utilize 6mm steel wire governor rope instead of the required minimum diameter of 9.5mm.
- B (c) ACLA buffers will be used in place of spring buffers.
- B 17480

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(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.

17-06-46

**Project:387524 Carmel Midtown North Parking Garage,CARMEL**

- B (b) GEN2 Elevators will utilize 6.3mm steel wire governor rope instead of the required minimum diameter of 9.5mm.
- B 17646

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

17-06-47

**Project:0 Mt Vernon Middle School Additions and Renovation,Fortville**

- B (b) The code requires corridors in E occupancy to be one-hour fire resistance rated when the occupant load served by the corridor exceeds 30, if the building is not equipped throughout with a sprinkler system. The request is to allow the new egress corridor in the new addition and corridors in portions of the renovated area, to not be rated. New additions and proposed contiguous renovated area will be protected with an automatic sprinkler system, including all existing areas involving new egress corridor construction.

- B 17688

(a) 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 its construction type. The request is to allow 42,000 sq. ft. additions to be put to the existing 119,582 sq. ft. school building of Type II-B construction, without having to separate the two with a fire wall. New addition and adjacent renovated area will be sprinklered. Existing fire barrier wall will be extended alongside or within the additions.

- 17-06-48**                      **Project:0**                      **McCury Apartments Final,Evansville**
- C                      17661
- (a)Non-required pressurized stair enters vestibule with non-rated openings before exiting building.
- Pressurized Exit stairway must exit directly to exit discharge or Exit passageway. Since unrated elevator opens into this vestibule it cannot qualify as exit passageway.
- C                      (b) NFPA 13 requires concealed spaces of exposed combustible construction to be protected by sprinklers. The request is to not provide the NFPA 13 sprinkler system in the apartment bathrooms of 55 sq. ft. Instead, residential quick response head will be provide. If the building wasn't over 4-stories, NFAP 13R system could be used and bathrooms wouldn't have to be sprinklered due to them being only 55 sq. ft. Building is 8-stories. CPVC sprinkler pipe has been installed above the ceiling. UL listed Class A finish ceiling tile has been installed in 100 + bathrooms.
- C                      (c) The code requires electrical equipment to have a clearance width working space of 30 inches and a depth of 36 inches. The request is to allow the space in an existing electrical room to have a clearance width of 26 $\frac{1}{2}$  and a depth of 18 inches.
- 17-06-49**                      **Project:0**                      **Lot 9 - Pastime Tournaments,Carmel**
- C                      17663
- The code requires an NFPA 13 or 13R sprinkler system to be provided throughout all buildings with a Group R fire area. The request is to allow a new two-story, wood-framed structure, with the first floor being B occupancy, garage, and 2nd floor having one apartment (R-2 occupancy), to be sprinklered with an NFPA 13D System in the residence area. Hard-wired smoke detection system will be provided between the two floors, and garage will be separated from the residence and B occupancy with 1-hour separation and the B and R occupancies will be separated with 1-hour construction. Similar variance was granted in the past except for there being 3 apartments on the 2nd floor and building being 2-hour construction.
- 17-06-50**                      **Project:392164**                      **Storage Express CV-WS,Clarksville**
- A                      17672
- 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.

17-06-51

Project:0

**Mt Vernon Admin Building / International  
Academy, Fortville**

C

17687

The code prohibits the change of use of any building or structure unless the building or structure complies with the requirements for new construction or Chapter 34. The request is to allow an area of approximately 3,400 sq. ft. of former E Occupancy area to be converted to two (2) dwelling units (R-3 Occupancy) without having to comply entirely with the rules for new construction or Chapter 34. The two dwelling units will be sprinklered with NFPA 13D system and will be separated from remainder of the building with a 2-hour fire barrier. Exit will be provided to the exterior without having to pass through the other occupancy use.

17-06-52

Project:0

Midtown West,Carmel

- A (d) The code requires indoor fire pump units to be separated from all other areas of the building by 2-hour fire-rated construction or 1-hour if building is sprinklered throughout with NFPA 13 system. The request is to allow the fire pump to be in the room with domestic water service. The room will be rated 1 hour as required for fire pumps. Similar variance has been granted in the past.
- C (h)The code limits horizontal exits to no more than 50% of the total number of exits or exit width when there are two or more exits required. The request is to allow some of the buildings to have 100% of horizontal exiting due to the buildings being divided up with fire walls creating separate buildings. Building will have three enclosed exit stairs, minimum required is two. Similar variances were approved in the past. Which buildings will not comply with the horizontal exits provision?
- A (i) Dwelling unit kitchen air will be returned to warm-air furnace. Return air intake will be approximately five (5) feet from the oven/range. Code requires ten (10) feet of separation and serve the kitchen only. Similar variance has been granted in the past.
- C (g) New five (5) story buildings with Type IA construction on the first story and Type VA for the upper stories will have Group R apartments protected by a NFPA 13R sprinkler system. The code does not allow the use of a NFPA 13R sprinkler system in buildings more than four (4) stories or over 60 feet in height. Similar variances have been granted in the past. Variance #16-07-52 was granted with the condition, "Apartments within the podium shall be protected with a full NFPA 13 sprinkler system".
- A (f) The code requires at least one accessible elevator in buildings five (5) stories or more to be provided with standby power. The request is to not provide the standby power in a (5) story apartment/parking garage building. Similar variances have been granted in the past.
- A (e) The code requires two-way communication at the elevator landing on each accessible floor that is one or more stories above or below the story of exit discharge. The request is to allow the new (5) story building to not have the system. Most persons have cell phones. Similar variances have been granted in the past.
- B (c) The code permits a building to have one podium level. The request is to allow the building to have a partial two level podium. Total building will be five levels. Similar variances have been granted in the past.
- B (b) The code requires podium buildings to have a 3-hour horizontal assembly separating the structure from the structure above. The request is to allow partial two level podium to have three hour fire barriers at both levels to separate the podium area from first level retail and second level apartments.
- B 176978
- (a) The code requires fire walls to be structurally independent. The request is to allow an enclosed parking garage to have 3 hour fire barriers separating the adjacent apartments and retail areas that is not structurally independent, in lieu of the fire walls. Podium parking garage will be of Type I-A construction. Apartments and retail will be Type V-A or II-B construction. Garage and retail will be sprinklered with NFPA 13 system, and apartments with NFPA 13R system as required.

- 17-06-53**      **Project:392036**      **Franklin College Barnes Hall Addition-Renovation,FRANKLIN**  
 B      17699
- An unenclosed floor opening of 70 sq. ft. (7'8" X 9'0") will connect the 1st, 2nd, and 3rd floors of the existing building in the front lobby/corridor space. The floor opening will not comply with any of the specific floor opening applications. The opening will be provided with a draft curtain 18 inches minimum in depth at each of the floor openings, along with a row of sprinklers spaced 6 feet on center along the draft curtain. Building is fully sprinklered.
- 17-06-54**      **Project:0**      **Blue Gate Inn - Fire Door Modification,Shipshewana**  
 B      17670
- The code requires openings in 4-hour fire wall to be 3-hour fire rated. The request is to allow the existing fire doors, in the existing 4-hour fire wall that leads to the pool area, to be removed and replaced with new 6'x7' double full glass doors. A sprinklered water curtain will be added at the door location to protect the opening.
- 17-06-55**      **Project:0**      **North of North Parking Garage,Fishers**  
 C      17700
- The code limits the common path of egress travel distance to 75 feet in Group S occupancies. The request is to allow the travel distance at the 3rd floor open parking garage (S-2) ramp to be 180 feet. Parking garage is open-air, with exterior openings entirely along the side adjacent to the 3rd floor ramp area. The egress stairs serving the open parking garage will be enclosed with 2-hour rated construction. This is not required for stairs serving only the open parking garage. Both stairs discharge directly to the exterior at grade.
- 17-06-56**      **Project:385729**      **Phoenix Manor,WOODBURN**  
 C      17701
- The code requires an NFPA 13 system to be used when figuring out the value for "building area" using Chapter 34 Analysis. The request is to allow an NFPA 13R system to be used in lieu of NFPA 13. Building is changing from 49,202 sq. ft., 1-story school to apartments. Building will be sprinklered throughout with an NFPA 13R sprinkler system, with non-residential areas being hydraulically designed per NFPA 13. Draft stopping and smoke detection will be provided. Sprinkler system was submitted, released, and installed per NFPA 13R.

- 17-06-57**      **Project:391433**      **Skyline Suites,SALEM**  
 B      17702  
 The dining area and community room gathering area will be open to the corridor serving residential apartments. The corridor is required to be 1-hour rated and cannot be interrupted by intervening rooms unless the rooms are foyers, lobbies, or reception rooms and the rooms are constructed as required for corridors. Building is fully sprinklered with NFPA 13R system as required. Similar variances have been granted in the past.
- 17-06-58**      **Project:0**      **HSE Schools Online Alternative Education,Fishers**  
 C      17703  
 C/NVR – The code permits plumbing fixtures count to be based on the actual number of occupants for whom each occupied space, floor or building is designed in lieu of the calculation that is determined. The calculated occupant load of the space is 120 people. Proponent states the maximum occupancy of the school will be 49 or less, which includes students and staff, but most likely would be limited to 30–35 people. The request is to allow the existing plumbing fixtures provided, to be used based on the actual occupant load. Men's restroom consists of two toilets and a urinal and there are two toilets in the women's restroom. Educational facilities are required to have at least one water closet and one lavatory per every 50 male and female.
- 17-06-59**      **Project:386983**      **Medical Office Building And Main Street Ext,Newburgh**  
 C      17611  
 (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.  
 B      (b) (b) GEN2 Elevators will utilize 6.3mm diameter governor rope instead of the required minimum diameter of 9.5mm.
- 17-06-60**      **Project:377395**      **Marott Center Addition,INDIANAPOLIS**  
 C      17704  
 The code requires all roofs, paved areas, yards, courts and courtyards to drain into a separate storm sewer system, or a combined sewer system, or to an approved place of disposal. The request is to allow three roofed-over balconies, ranging from 30 sq. ft. – 90 sq. ft., on the 2nd and 3rd floor of the building, to drain to the open air. Proponent states the amount of precipitation collected by the balconies will not be any greater than if there was vertical wall construction receiving the same direct precipitation. Building is almost complete, with all drains installed.



**17-06-61 Project:0 LaPorte High School Performing Arts Center,LaPorte**

C 17706

Required means of egress is to be maintained during construction, demolition, remodeling or alterations and additions to any building, unless approved. The request is to allow temporary means of egress conditions during construction of the addition and renovation to the auditorium, to create a dead end corridor of approximately 70 feet in length, during the 2nd phase of the project. Building is fully sprinklered. Revised exit signs will be posted, along with fire drills being conducted for the temporary exit route.

**17-06-62 Project:0 Camp Krietenstein Cabin,Centerpoint**

C 17707

The code requires a sprinkler system to be provided throughout all buildings with a Group R fire area. The request is to allow a 750 sq. ft. cabin to not be sprinklered. The cabin will be used by staff for a few weeks during the summer and for volunteers during occasional weekend events. The cabin has two (2) sleeping rooms, along with a kitchen and bath room. There will be 4 occupants in the cabin. Two exits, maximum travel distance of 50 feet, leading to the exterior, will be provided. Emergency escape windows, fire detection, and Stovetop Firestop automatic extinguishing canister in the hood over the cooktop will be provided.

**17-06-63 Project:0 Exeter Building One River Ridge,Jeffersonville**

C 17708

The code permits fire access doors to be provided in each 200 lineal feet or fraction thereof, of the exterior walls that face required fire apparatus access roads, if the building is equipped with an ESFR sprinkler system. The request is to allow access doors to be provided in each 216 lineal feet of a 506,108 sq. ft. spec warehouse. Building will be protected with ESFR sprinkler system, and egress travel distance will be within the permitted 400 feet. Proponent states the additional 16 feet between doors is based upon the bay spacing and panel width of 54 feet. Similar variance was granted in the past with proponent stating, "Knockouts will be provided so that if the building is demised into separate tenants, the 400 feet travel distance can be maintained". However, building was larger.

17-06-64

**Project:0 Midtown Flats,Carmel**

- B (b) The code limits the building height for R-2 occupancy Type V-A construction, with a NFPA 13R system, to 60 feet. The request is to allow the building to exceed the height. The overall weighted average roof height is 59.8 feet above grade plane, with the main roof level at 59.6 feet. Proponent states additional height is created by rooftop structures consisting of 115 sq. ft. of enclosed area for an elevator lobby space and small storage room, and a roof canopy of 865 sq. ft. over an open-air roof terrace. Similar variances have been granted in the past.
- B (g) First floor tenant clubhouse area will be open to the corridor serving residential apartments. The corridor is required to be 1-hour rated and cannot be interrupted by intervening rooms unless the rooms are foyers, lobbies, or reception rooms and the rooms are constructed as required for corridors.
- A 17715
- (a) The code requires at least one accessible elevator in buildings five (5) stories or more to be provided with standby power. The request is to not provide the standby power in a (4) story apartment building with 1 story of parking and a small enclosed rooftop area and covered rooftop terrace. Similar variances have been granted in the past.
- B (e) The code requires openings to be protected where occurring within 4 feet of the fire wall horizontal termination. The request is to allow non-rated windows to be in the exterior wall immediately adjacent to the intersection with the perpendicular facing exterior wall where the fire wall terminates horizontally. A sprinkler will be provided at the ceiling level within 12 inches horizontally of each affected window.
- B (c) Code requires an NFPA 13 system to be provided in the building due to it being 5-stories, and to permit the use of area increases for allowable area for Phase 2 of the building area. The request is to allow an NFPA 13R system with the design enhancement as listed to be used, in lieu of the NFPA 13 system. Similar variance has been granted in the past.
- B (d) 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. Pool is not open to public. Residents and guests can change within the dwelling units. Similar variances have been granted in the past.
- C (f) The code requires walkways to be separated from the interior of the building with a 2-hour fire barrier surrounding the connection for ten feet at each building. The request is to not extend the fire barrier for ten feet. The connector will have sides open for 35% of the exterior wall on each side. A 2-hour wall with 90-minute doors will be provided at each end of the pedestrian connector. Connector will be of noncombustible construction.

**17-06-65**                      **Project:0**                      **Coffee Creek Ridge Event Barn,Shelbyville**

C                      17716

(a) Permanent restroom fixtures will not be provided as required by code. The request is to allow portable toilets and hand washing station to be used temporarily, along with the existing single permanent restroom on site, to comply with the fixture count requirement for the barn used for event space. One portable toilet will be accessible. Additional permanent fixtures will be added to comply within 1 year. Drinking water will be available for occupants during events.

C                      (b) A Chapter 34 analysis will be used to convert a 1-story, 3,758 sq. ft. barn, into a building used for event space. Chapter 34 is not permitted to be utilized for a conversion of a non-Class 1 structure building to an A occupancy. Three exits are provided, two exits are required. Structural evaluation is included.

