

STAFF REPORT**Report Date: 12/01/2017**

"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**17-09-69**

C

Project:0**Edgewood Middle School Sprinkling, Warsaw**

17866

TABLED BY COMMISSION 11/08/17. PROPONENT HAS CODE CONSULTANT.

TABLED BY COMMISSION 10/03/17.

TABLED BY COMMISSION 09/07/17.

The code requires opening protectives to be maintained in an operative condition. Proponent states one of the doors failed the drop test due to the release mechanism being damaged and having broken parts. The hood is jammed and cannot be removed. The request is to allow a sprinkler system to be installed in the building in lieu of fixing the problem.

17-10-01

A

Project: FIRE PUMP,FT WAYNE

17982

TABLED BY COMMISSION 11/08/17.
TABLED BY COMMISSION 10/03/17.

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 allow the fire pump to be removed. Proponent states a variance was granted to remove fire hoses (13-11-03), which the fire pump was tied into. Therefore the fire pump is no longer needed.

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

17-10-03

I

Project: UPSTAIRS BEDROOM WINDOWS,BLOOMINGTON

17985

TABLED BY COMMISSION 11/08/17.
TABLED BY COMMISSION 10/03/17
INCOMPLETE - CODE, EDITION, SECTION OF CODE ON APPLICATION, LBO, LFO

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

17-10-04

I

Project: NORTH END COMMUNITY CENTER,LAFAYETTE

17986

TABLED BY COMMISSION 11/08/17.
TABLED BY COMMISSION 10/03/17.

INCOMPLETE - Completed page 2, local building and fire officials

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

17-11-06

B

Project:

REMOVE OCCUPANT FIRE HOSE,FT WAYNE

18033

TABLED BY COMMISSION 11/08/17.

The code requires fire detection, alarm, and extinguishing systems to be maintained. The request is to allow the building's fire hose to not be maintained. Local fire department will use their own hoses.

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

17-11-07 Project: SWISS MEADOW AMISH PAROCHIAL SCHOOL, MONROE

- B (d) The code required drinking fountain will not be installed. The request is to allow an outside yard hydrant to be used for water. Cups will be provided by the school or student.
- B (c) The code required illuminated exit signs by electricity will not be installed. The request is to use highly reflective photo-luminescent exit signs. They will be provided at all exit doors.
- 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. The request is to not install egress illumination. Per the proponent, the building will not be used after dark. The hardship is there is no electrical service provided in Amish life style.

I 18034

TABLED BY COMMISSION 11/08/17.

INCOMPLETE - Owner's signature, LBO, LFO,

B- (a) The code required manual fire alarm system by electricity will not be installed. The request is to allow interconnected, long life battery smoke and heat detectors to be used throughout the building. Per the proponent, there is no electricity due to this being an Amish community.

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

- C (e) The code permits a vestibule to be omitted from a building entrance if the space served by the door is less than 3,000 sq. ft. The request is to allow the vestibule to be omitted. Additional weather stripping and/or gaskets will be provided on the doors to help seal surfaces and automatic door closers will be provided.

17-11-21 Project:0 Fitness Farm Pole Barn, Indianapolis

C 17980

TABLED BY COMMISSION 11/08/17.

The code requires fire apparatus access roads to have an unobstructed width of not less than 20 feet. The request is to allow the fire apparatus access road to be 12 feet. Provisions have been made for a fire hydrant to be provided within the given setback from the building and existing lane. Building is a wood framed pole barn used for equipment storage, finished office space, restrooms and produce processing activities for the Fitness Farm agricultural operations.

17-11-22 **Project:0** **Wooden Middle School 2017 Additions and Renovations,Martinsville**

C 17983

TABLED BY COMMISSION 11/08/17.

The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, or allowable area based on the construction type. The request is to allow a 7,400 sq. ft., non-sprinklered, Type II-B construction addition, to be put to the existing 126,148 sq. ft., non-sprinklered, Type II-B construction school building, without having to separate the new addition from the existing building with a 4-hour structurally independent fire wall. Instead, 2-hour fire barrier walls will be provided to separate the new addition and a portion of the existing school from the rest of the school.

17-11-25 **Project:0** **Hoyt,Indianapolis**

C 17997

TABLED BY COMMISSION 11/08/17.

The Indiana Residential Code prohibits openings in the exterior wall of dwelling or accessory buildings, with a fire separation distance less than 3 feet measured perpendicular to the line used to determine the fire separation distance. The request is to allow a bedroom on the first floor to have two operable windows on the east property line. Proponent states the general contractor asked the inspector about the 3 feet separation and was told operable windows were acceptable. Now proponent is being told the operable windows are not acceptable. Heat and carbon monoxide detectors will be provided. Smoke detectors will be provided as required.

17-11-29

Project:0 9210 Warehouse,Noblesville

C

18022

TABLED BY COMMISSION 11/08/17.

C/NVR - The current Fire Code (2014) requires building(s) storing high-piled combustible storage to be provided with sprinkler system, fire apparatus access roads, access doors, and smoke and heat vents. The request is to allow them to not be installed. Proponent states this is an existing 25,000 sq. ft. warehouse constructed in 1978 that house high-piled storage, and the previous tenants had high-piled storage. Local fire official wants all of the above to be installed in compliance with the Fire Code. In 1984, when the Indiana General Assembly created the combined Fire Prevention and Building Safety Commission, the legislation contained a provision that required all new fire and building regulations to be promulgated on or before July 1, 1986, and that existing fire and building regulations would not be enforceable after that date. If a particular pre-July 1, 1986 building or fire regulation required the installation/construction of a particular component and the component was not installed/constructed, and the failure was not cited prior to July 1, 1986, it cannot now be required. When was the first high-pile racks installed?

17-11-34

Project:0 50 E. Thompson Convenience Store,Indianapolis

C

18031

TABLED BY COMMISSION 11/08/17.

The code requires, for parallel approach, sales and service counters to have a portion of it to be 36 inches minimum in length and 36 inches maximum in height, above the floor. The request is to allow the counter to be 30 ½ inches in length and 31 ¼ inches in height. Proponent states the counter was constructed to be a drawer or a tray and has been in service for approximately one year.

17-11-38

C

Project:366649

Carniceria El Ranchito 2,Indianapolis

18049

TABLED BY COMMISSION 11/08/17.

The code requires an emergency voice/alarm communication system to be provided in Group A occupancies (assembly) where the occupant load is 1,000 or more. The request is to permit the system to not be installed. Proponent states building has been occupied for 3 years, with permits and design release issued, and prior inspections completed without previous conditions placed for voice/alarm communication. Banquet Rooms A and B show a combined occupant load of 943 based on unconcentrated table and chair seating. Shunt trip will be added to dedicated outlets to shut down any sound equipment upon activation of the fire alarm system.

17-11-59

C

Project:0

Removal of Fire Drop Doors,Shelbyville

18043

TABLED BY COMMISSION 11/08/17.

The code requires drop down fire doors to be inspected and tested annually. The request is to allow the doors to not be inspected, but have them removed. Proponent states the previous owner had the doors installed in hazardous material/chemical areas. The current owner does not have areas used for storage of hazardous/flammable chemicals and want to remove the doors. Proponent further states two of the doors need to be replaced which would cost \$40,000-\$50,000.

17-11-70 **Project:0** **Burket Educational Center,Burket**
C 18019

TABLED BY COMMISSION 11/08/17.

The code requires extinguishing systems and mechanical smoke exhaust systems to be maintained in an operative condition at all times. The request is to allow the kitchen's hood exhaust system with the ansul system to remain in place, but not be maintained operative. Proponent states the kitchen is no longer being used to prepare lunches. Kitchen has not been used in 13 years. Previous use of building was elementary school. It's currently an alternative learning facility with approximately 20 students and 7 support staff. Lunches are delivered daily.

17-12-01 **Project:** **MENARDS EXPANSION,AVON**
I 18098

INCOMPLETE - Two variances, LBO,LFO

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

17-12-02 **Project:** **MENARDS EXPANSION,LAFAYETTE**
I 18099

INCOMPLETE - TWO VARIANCES, LBO, LFO

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

- 17-12-03** **Project:392217** **Graduate Hotel,BLOOMINGTON**
- B (d) The code requires guard plates to have a straight vertical face that extends below the floor surface of the platform a minimum of four feet. The request is to allow a telescoping apron to be used in order to achieve the required four feet. Similar variances have been granted in the past.
- B 18020
- (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 (b) GEN2 elevators will utilize a 6.3 mm (1/4") diameter governor rope.
- B (c) ACLA buffers will be used in place of spring buffers.
- B (e) Steel Coated Belts will be used as the suspension means.
- 17-12-04** **Project:0** **Munster In Shell,Dryer**
- B 18072
- MRL Technology
- 17-12-05** **Project:393325** **Plymouth City Hall Addition and Renovation,PLYMOUTH**
- B 18078
- (a) MRL Technology.
- B (b) MRL Technology.

17-12-06

Project: SANDS & SANDS PROPERTIES PORT HOLE INN,UNIONVILLE

I 18108

INCOMPLETE - LBO

The code requires Type 1 hoods to be provided where cooking appliances produce grease or smoke. Proponent states in 2008 a permit was received stating that the Type 1 hood that was salvaged from the building's fire could still be used, and further states the ansul system was approved by Koorsen Fire. A violation was written October 4, 2017 stating the hood was in violation. The request is to allow the hood that is already there to remain.

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

17-12-07

Project: ZION TABERNACLE APOSTOLIC FAITH CHURCH,INDIANAPOLIS

C 18109

The code requires doors and gates on platform lifts to be low energy power operated doors and the doors are to remain open for a minimum of 20 seconds. The request is to allow the doors to be manual open. Proponent states the handicap lift has been in operation since 1991 and was installed code compliant at that time. What type of work was done to where the lift has to be brought up to current code?

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

17-12-08

Project: WHISPERING KNOLL SCHOOL,ETNA GREEN

- B (b) The code required illuminated exit signs by electricity will not be installed. The request is to use highly reflective photo-luminescent exit signs. They will be provided at all exit doors.
- B (d) The code requires a sprinkler system to be installed throughout all buildings with a Group R fire area. The request is to not sprinker the one occupant studio type apartment for the teacher to use during the school week. Long-life battery operated interlinked smoke & heat detectors will be installed throughout the building. Second exit door from the classroom will be installed. Proponent states there is no readily available source of water for the sprinkler system.
- A (c) The code requires means of egress to be illuminated at all times the building space served by the means of egress is occupied. The request is to not install egress illumination. Per the proponent, the building will not be used after dark. The hardship is there is no electrical service provided in Amish life style.
- I 18110

INCOMPLETE - Applicant's name on application.

(a) The code required fire alarm system by electricity will not be installed. The request is to use interconnected, long life battery smoke and heat detectors throughout the building. Per the proponent, there is no electricity due to this being an Amish community.

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

17-12-09

Project: CURVE CREEK AMISH SCHOOL K-6,BERNE

- B (c) The code required illuminated exit signs by electricity will not be installed. The request is to use highly reflective photo-luminescent exit signs. They will be provided at all exit doors.
- B (d) The code required drinking fountain will not be installed. The request is to allow an outside yard hydrant to be used for water. Cups will be provided by the school or student.
- NVR (e) The code permits a vestibule to be omitted from a building entrance if the space served by the door is less than 3,000 sq. ft. The request is to allow the vestibule to be omitted. Additional weather stripping and/or gaskets will be provided on the doors to help seal surfaces, and automatic door closers will be provided. Space is less than 3,000 sq. ft.
- B 18114
 (a) The code required fire alarm system by electricity will not be installed. The request is to use interconnected, long life battery smoke and heat detectors throughout the building. Per the proponent, there is no electricity due to this being an Amish community.
 *****PAPER FILING*****
- A (b) The code requires means of egress to be illuminated at all times the building space served by the means of egress is occupied. The request is to not install egress illumination. Per the proponent, the building will not be used after dark. The hardship is there is no electrical service provided in Amish life style.

17-12-10

Project: REMOVAL OF FIRE HOSES AND REELS,LOGANSPORT

- I 18116
 INCOMPLETE - OWNER'S SIGNATURE
 The code requires fire detection, alarm, and extinguishing systems to be maintained. The request is to allow the stairwell hose reels and cabinets to not be maintained, but removed. Local fire department will use their own hoses.
 *****PAPER FILING*****

- 17-12-11** **Project:** **FULTON COUNTY LAW ENFORCEMENT CENTER, ROCHESTER**
- C 18117
- (a) The code requires the force for pushing or pulling open interior swinging egress doors to be no more than 5 pounds. The request is to allow the marked exit door at Madison St. to be a non-egress door since the door cannot be opened easily and would require a major renovation to be operational. Proponent states there is another egress in that area that can be used in case of an emergency for the inmates to be evacuated.
- *****PAPER FILING*****
- B (b) The code requires fire detection, alarm, and extinguishing systems to be maintained. The request is to allow two fire hose stations located in the hallways of the Fulton County Jail to not be maintained, but removed. Local fire department will use their own hoses.
- 17-12-12** **Project:0** **SMMC - Immediate Care Center, Valparaiso**
- B 18080
- The code requires corridors in B 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 space will have manual fire alarm system with smoke detection system in corridor. Similar variances have been granted in the past.
- 17-12-13** **Project:385810** **St Elizabeth Health East, LAFAYETTE**
- A 18084
- Other than sleeping rooms located within a care suite, the code permits a maximum of a 50 feet travel distance through two intervening rooms to an exit access door from the care suite. The request is to allow the travel distance to be approximately 60 feet through three intervening rooms to an exit access. The 2012 NFPA 101 - Life Safety Code permits a maximum 100 feet travel distance from non-sleeping patient care suites without limiting intervening rooms.

- 17-12-14** **Project:0** **USI Arena Ph II PAC Remodel,Evansville**

B 18086

The code permits structural members, roof framing, and decking to not be fire protected where every part of the roof construction is 20 feet or more above any floor immediately below. Existing building is being upgraded from Type II-B (non-rated) construction to Type II-A (rated) construction. A 7 feet wide walkway is less than 20 feet below the roof deck. The request is to allow the bar joist in the roof of this area to not be rated, making the bar joists in the entire roof not be rated. In the area where the small walkway crosses the building, upright sprinklers will be added within 12" of the roof deck on both sides of main beam and within 24" of each roof girder truss to protect the roof system. Building is being completely retrofitted with NFPA 13 sprinkler system.
- 17-12-15** **Project:396271** **Storage Express - Madison Avenue,Indianapolis**

A 18087

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.
- 17-12-16** **Project:396095** **Storage Express - AN,ANDERSON**

A 18088

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.

- 17-12-17** **Project:0** **Blackhawk Middle School Kitchen Renovation,Fort Wayne**
- A 18095
- (a) The code requires a sprinkler system to be provided throughout all Group E Fire areas greater than 12,000 sq. ft. The request is to allow a 750 sq. ft. cooler/dry storage addition to be put to an existing 104,500 sq. ft. school without having to sprinkler the entire fire area that is over 12,000 sq. ft., or separating the new addition from the existing building with a fire barrier or structurally independent fire wall.
- A (b) The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, or allowable area based on the construction type. The request is to allow a 750 sq. ft. cooler/dry storage addition to be put to an existing 104,500 sq. ft. school without having to sprinkler the entire building, or separating the new addition from the existing building with a fire barrier or structurally independent fire wall.
- 17-12-18** **Project:0** **Lane Middle School Renovation,Fort Wayne**
- A 18097
- The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, or allowable area based on the construction type. The request is to allow a 725 sq. ft. cooler/freezer addition to be put to an existing 2-story school, without having to sprinkler the fire area exceeding 12,000 sq. ft., or separating the new addition from the existing building with a fire barrier or structurally independent fire wall due to the allowable area being exceeded. The new 725 sq. ft. cooler will replace the existing 140 sq. ft. cooler. The addition will be structurally independent of the existing building.
- 17-12-19** **Project:0** **De Amicis Mutual Aid Society,Mishawaka**
- C 18023
- The code prohibits the path of egress travel along a means of egress from being interrupted by any building element. The means of egress system shall not be diminished. The request is to allow the staircase to the basement which is currently 39.5 inches wide at the widest point, to be diminished to 24 inches at the widest point where the chairlift is located. Proponent states there is another door at the rear that has an unobstructed egress width greater than 36 inches. This is a private club with members only. Lift will be used by the elderly members to access the lower level. The lift has been in use for approximately 7 month and has an Elevator Safety permit.

- 17-12-20** **Project:393173** **Grace Community Church - Phase III,GOSHEN**
 C 18052
- The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, or allowable area based on the construction type. The request is to allow new additions to be put to the existing building without having to separate them with two-hour firewalls. The existing 2-hour fire barrier between the existing multi-purpose room and the existing youth room will be used for separation in lieu of a 2-hour fire wall, and the existing 2-hour fire barrier, along with a new 2-hour fire barrier between the existing youth room/new axis center addition and the play place addition will be used, in lieu of a 2-hour fire wall. Building is fully sprinklered as required.
- 17-12-21** **Project:388833** **Crispy Bird,INDIANAPOLIS**
 C 18068
- The code requires lavatories and sinks to have clear knee space under the sink. The request is to allow the installation of basin style lavatory sinks in lieu of the standard ADA wall hung lavatory. The basin style lavatory sinks will not have the required knee and toe space under the sink's basin. Instead, the basin's faucet has been extended out towards the front rim of the sink. Proponent states the entire space is finished and ready for operation.

17-12-22

Project:0**SIA - N1 Airlock-Oil Storage,Lafayette**

C

(b) The code limits the travel distance in fully sprinklered S-1 occupancy warehouse building to 250 feet. Variances have been granted for previous expansions to permit the maximum travel distance of 600 feet within the facility. The request is to allow alterations to the travel distance within the facility in small areas affected by the new addition, and to permit the travel distance in the new addition to be no more than 600 feet. Proponent states the portion of the building with excessive travel distance is not occupied by the general public, only employees who are trained in evacuation procedures and routes. Building is protected throughout with an automatic sprinkler system and on-site water storage facility. Oil storage (Class II-B liquid) will be in warehouse.

C

18077

(a) The 6,100 sq. ft. engine expansion addition roof insulation will match majority of the existing sq. ft. building roof insulation (R-11 value), instead of the code required R-19 value. Per the proponent, the addition will add just 0.01% to the total roof area of the building. Similar variances have been approved in the past on new additions being added to the existing building.

17-12-23

Project:0**Indianapolis Colts Football Center,Indianapolis**

C

18081

The code prohibits openings through a fire wall from exceeding 156 sq. ft. and the aggregate width of openings at any floor level cannot exceed 25% of the length of the wall. The request is to allow the four hour fire wall that separates the addition to the existing colts training facility from the existing indoor practice facility, to have openings within the wall that will be larger than 156 square feet, with the total width of the openings being 44.16% of the length of the wall. Building is fully sprinklered as required, with additional close spaced sprinklers 6'-0" O.C. being provided along the addition side of the openings. Openings will be protected by 3 hour fire rated assemblies. What is the sq. ft. of the opening?

- 17-12-24** **Project:377395** **Marott Center Addition,INDIANAPOLIS**
 C 18091
- The code requires waste receptors to be "ready access" and cannot be located in an unventilated space. The request is to allow the receptor for the condensate hub drain from above-ceiling air conditioning units to be located above a ceiling, requiring ladder access. Proponent states this installation was cited, but contends it was cited incorrectly due to another section of the plumbing code addressing condensate disposal and has no mentioning of being "ready access".
- 17-12-25** **Project:0** **Sweetwater Pavilion Stage,Fort Wayne**
 C 18092
- The code prohibits temporary Class 1 structures from being up for more than 90 days. The request is to allow a temporary stage for use at the Sweetwater Pavilion to be in place for a period of 180 days, every year beginning in 2018. Temporary stage will be placed under an outdoor membrane structure. Stage has been evaluated by structural engineer and complies with the live load requirements per the building code. No on-site inspection done, just a review of the manufacturer's documentation. Proponent states stage will be disassembled during off-season and placed into storage.
- 17-12-26** **Project:0** **Conner Prairie - Chinese House,Fishers**
 C 18096
- The code limits the travel distance for an "S" occupancy (storage), located on the second floor, having only one exit, to a maximum of 75 feet. The request is to allow the travel distance on the second floor to be approximately 104 feet. Building will be fully sprinklered as required. Proponent states although the second floor being classified as "S" occupancy, the floor will not be occupied or used for storage. The door leading to the 2nd floor will be locked to prevent unauthorized access. The 2nd floor will only be accessed for maintenance.

- 17-12-27** **Project:385051** **Zionsville Government Center,ZIONSVILLE**
- C (b)The code requires the width of landings to not be less than the width of the stairways they serve. The request is to allow Stair "C" to have a landing width that is 4 inches shorter than the stair width. Landing is approximately 60.25 inches and stair is approximately 64.25 inches wide.
- C 18100
- (a)The code limits nonstructural projections other than handrail, to project no more than 1.5 inches into the required egress width. The request is to allow the stair newel posts to project more than 1.5 inches into the stair width. The code requires two exit stairs, three are provided. Proponent states total stair exit width is approximately twice the code minimum. Other section of the code permits handrails to project 4.5 inches on each side. Building is fully sprinklered.
- 17-12-28** **Project:391153** **RQAW Headquarters,FISHERS**
- B (b) MRL Technology
- B 18007
- (a) MRL Technology
- 17-12-29** **Project:0** **1411 Roosevelt Avenue,Indianapolis**
- C 18102
- The code requires, when using a Chapter 34 Evaluation, a final score of zero or more in all categories (fire safety, means of egress, and general safety) in order to pass the Chapter 34 Evaluation. The request is to allow scores of 9.6, 8.4, and 7.4 for the Fire Safety, Means of Egress, and General Safety Columns for the Building Area parameter in lieu of the negative scores. Industrial/warehouse building is being converted into multiple tenants.

- 17-12-30** **Project:0** **Walhill Farm Event Barn,Batesville**
- C 18104
- (a) A Chapter 34 analysis will be used to convert a 1-story, 13,330 sq. ft. barn, Type V-B construction, 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. Fire alarms system will be installed as required.
- C (b) The code requires, when using a Chapter 34 Evaluation, a final score of zero or more in all categories (fire safety, means of egress, and general safety) in order to pass the Chapter 34 Evaluation. The request is to allow a score of +19 in lieu of 12 for "Building Score" in the Fire Safety Column.
- 17-12-31** **Project:387904** **Posey County Jail Addition And Renovation,MOUNT VERNON**
- C 18107
- The code requires I-3 occupancies to be equipped with a manual fire alarm system and automatic smoke detection system installed for alerting staff. Visible alarms are required in public and common areas. Proponent is requesting that no visible alarm notification appliances be provided in the dayrooms throughout the jail facility. The dayrooms are not considered public spaces. Staff will be notified as required. Notification is provided to multiple staff (control room, reception, etc.) who then implement the emergency plan and notify other staff. For security reasons, notification appliances are kept out of resident areas.
- 17-12-32** **Project:395735** **CEDIA Headquarters,FISHERS**
- C 18119
- The code requires openings in interior exit stairways and ramps other than unprotected exterior openings shall be limited to those necessary for exit access to the enclosure from normally occupied spaces and for egress from the enclosure.
- The proponent is requesting a new three story office building that will have a bicycle storage room opening into an exit stair enclosure leading to the outside. Building will be fully sprinklered. The door assembly to the room will be rated one hour. The wall assembly will be 1 hour rated, as is the stair enclosure. Each floor will have access to two (2) additional stairs.

17-12-33

Project:0 Bottleworks West Elm Hotel,Indianapolis

- C (b)The General Administrative Rules (GAR) prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, or allowable area based on the construction type. The request is to permit the construction of a 72,000 sq. ft. third floor addition to be put to a building that exceeds current code for allowable area based on the type HB construction. This floor would be used for hotel rooms and a rooftop bar. New 3rd floor building elements will be of noncombustible, 1-hour construction. The 3rd story is within allowable area for Type II-A Construction and within the allowable height for Type II-B Construction.
- B 18120
(f)The code requires openings between floors created by an exit access stairway be enclosed. Proponent states that the existing two story curved stair connecting floors 1-2 will not be separated by rated construction. Two story exit access stairs are required to be separated from floor openings serving a third floor with construction as required for fire rated shaft. Proponent is stating that the building will be protected throughout with an automatic sprinkler system and a fire alarm system. The new stair will be provided with an eighteen inch draft curtain and closely-spaced sprinklers at the ceiling level of the basement floor.
- A (d)The code requires a two-way communication system be provided at the elevator landing on each accessible floor that is one or more stories above or below the story of exit discharge. Proponent is requesting to omit the two-way communication system and in place use cell phones. Similar variances have been granted in the past.
- C (c) The code requires, when using a Chapter 34 Evaluation, a final score of zero or more in all categories (fire safety, means of egress, and general safety) in order to pass the Chapter 34 Evaluation. The request is to allow scores of 8.0, 9.4, and 7.4 for the Fire Safety, Means of Egress, and General Safety Columns for the Building Area parameter in lieu of the negative scores (-50.7) in those areas.
- C (e)The code requires that stairways serving occupied portions of a building comply with the requirements of current code. Proponent states that the existing egress stairs serving the new third floor will not comply with the current code for dimensional requirements, including tread rise and run, and handrail / guardrail heights. The proponent states the building will be protected throughout with an automatic sprinkler system. Also, they note that the existing stairs for the basement and second floor are compliant by way of evaluation per Chapter 34 Evaluation. They state the third

17-12-33

Project:0 Bottleworks West Elm Hotel,Indianapolis

floor stairs will be built the same as the second floor. Proponent states that construction of stairs in compliance would require extensive demolition and reconstruction.

C

18120

(a) The code prohibits fire-resistance-rated corridors from being interrupted by intervening rooms unless the space is a foyer, lobby, or reception room. The request is to allow the 2nd floor egress corridor serving guest rooms to egress through nonrated intervening rooms, including the existing 2nd floor Lounge and Meeting Room area. Building will be fully sprinklered as required. Corridors and spaces open to the corridor will be provided with smoke detection tied to the fire alarm system.

17-12-34

Project:0

New Hangar for B. Coleman Aviation,Gary

C

18124

(a) The code permits areas that are adjacent to areas where aircraft hangars are located, to not be classified into any hazardous division, as long as flammable liquids or vapors are not likely to be released, and the areas are adequately ventilated and are effectively cut off from the hangar itself by walls or partitions. The existing building is being classified into a different classification, causing the adjacent electrical switchgear to be enclosed with partitions and suitable cut off. Enclosure for the electrical gear will be installed around the existing service panels and service raceway portions with 8 feet high walls and sealed doorway with a closer, of which are located within the Classified Area between the floor and 18" above the floor. Local building official is requiring the enclosure to have a sealed ceiling or cap to fully enclose the electrical room. Proponent feels ceiling cap is unnecessary.

C

(b) The code permits conduit within classified location to be threaded rigid metal conduit, or threaded steel intermediate metal conduit. The request is to allow the existing conduit that is not threaded but is connected with metal set-screw connectors to the threaded metal conduit stubs at the floor, to be used in lieu of the heavier threaded metal conduit. Sealing the inside of the Electrical Metallic Tubing (EMT) conduits will be done prior to them entering the metal enclosure boxes or appliances above the classified area. The set-screw fittings within the classified area that connect the threaded rigid metal conduit stubbed up out of the floor slab to the Electrical Metallic Tubing conduit will be sealed with chemical-resistant caulking at the set screw fitting-to-conduit connection. Proponent states the facility is substantially complete and ready for occupancy. Local building official is requiring the existing conduit and wiring to be removed from a total of 66 runs and brought up to current code.

17-12-35

Project:385551

Riverview Health Westfield Outpatient Care,WESTFIELD

C

18125

The code requires fire walls and vertical fire barriers to be effectively and permanently identified with signs or stenciling. The request is to allow life safety plans provided by the healthcare facility to be used in lieu of signs or stenciling. Proponent states healthcare facilities are required to provide comprehensive life safety plans.

- 17-12-36** **Project:384639** **Riverview Hospital Additions and Renovations,NOBLESVILLE**
- C 18127
- The code requires fire walls and vertical fire barriers to be effectively and permanently identified with signs or stenciling. The request is to allow life safety plans provided by the healthcare facility to be used in lieu of signs or stenciling. Proponent states healthcare facilities are required to provide comprehensive life safety plans.
-
- 17-12-37** **Project:0** **Marian Hills Farm,Fort Wayne**
- C 18074
- (a) A Chapter 34 analysis will be used to convert a 1-story, 4,300 sq. ft. barn, with wrap around deck, into a building used for event space. Chapter 34 is not permitted to be utilized for a conversion of a non-Class I structure building to an A occupancy. The structure is not heated and will only be used during the warmer months of the year and primarily on weekends. Structural evaluation has been done and is attached.
- C (b) Permanent restroom fixtures will not be provided as required by code. The request is to allow a mobile restroom trailer to be used during each event for the code required number of plumbing fixtures. The restroom trailer will provide accessible, code compliant facilities for the occupants of the building. Drinking water will be available during the events. Proponent states restrooms will be constructed once city water and sewer is brought to the area in the coming years.

17-12-38

Project:0 Lewis Cass High School Additions and Renovations,Walton

C 18103

(a) The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, or allowable area based on the construction type. The request is to allow a 14,300 sq. ft. practice gym, vestibule, and two (2) canopies addition to be put to the existing 187,000 sq. ft. building, without having to sprinker the entire building, or separating the new addition from the existing building with a structurally independent fire wall. New gymnasium will be separated from the existing school by the existing exterior wall (2 hour fire barrier) and a new 2 hour fire barrier on the new gym side. Similar variances have been granted in the past.

C (c) The code requires a sprinkler system to be provided in Group E occupancy with a fire area exceeding 12,000 sq. ft. The request is to allow a 14,300 sq. ft. addition to be put to an existing 178,000 sq. ft. fire area, without having to sprinker the entire fire area, or separating the new addition from the existing fire area with a fire barrier or structurally independent fire wall. New gymnasium will be separated from the existing school by the existing exterior wall (2 hour fire barrier) and a new 2 hour fire barrier on the new gym side. Similar variances have been granted in the past.

C (b) The code requires corridors in E occupancy to be one-hour fire resistance rated, along with rated assemblies 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 newly created corridors (new administration area, and reconfigure of media, small large group instruction area, new wall creations and infills, new door additions, and windows to not have rated construction, nor assemblies. Existing building is not sprinklered, nor have rated corridors. The existing non-rated corridors are approximately 1,900 lineal feet. New and remodeled corridors are 170 lineal feet. Existing smoke detection and fire alarm system will be extended into the new corridors.

17-12-39

Project:0 Lewis Cass Elementary School Additions and Renovations,Walton

C (c) The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, or allowable area based on the construction type. The request is to allow a 2,800 sq. ft. administration office area addition to be put to the existing 67,010 sq. ft. building, without having to sprinker the entire building, or separating the new addition from the existing building with a structurally independent fire wall. Similar variances have been granted in the past.

C 18101

(b) The code requires a sprinkler system to be provided in Group E occupancy with a fire area exceeding 12,000 sq. ft. The request is to allow a 2,800 sq. ft. addition to be put to an existing 67,010 sq. ft. fire area, without having to sprinker the entire fire area, or separating the new addition from the existing fire area with a fire barrier or structurally independent fire wall. Similar variances have been granted in the past.

C 18101

(a) The code requires corridors in E occupancy to be one-hour fire resistance rated, along with rated assemblies 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 newly created corridors (new administration area, and reconfigure of media, small large group instruction area, new wall creations and infills, new door additions, and windows to not have rated construction, nor assemblies. Existing building is not sprinklered, nor have rated corridors. The existing non-rated corridors are approximately 753 lineal feet. New and remodeled corridors are 90 lineal feet. Existing smoke detection and fire alarm system will be extended into the new corridors.

17-12-40

Project:393463 Rolls-Royce Plant 5 Assembly & Test,INDIANAPOLIS

C 18118

The code requires F-1 use groups over 50,000 sq. ft. of undivided space to have smoke and heat vents or a mechanical exhaust system. The request is to allow the existing smoke and heat vents to be removed from the engine assembly building roofs as part of an extensive remodeling and retooling of the existing building. New ordinary hazard sprinkler system will be installed in the engine assembly building. Five new air handling units with Spill-Air Hoods for full exhaust will be installed. Units will be controlled in two separate zones by the fire department at a control panel in the entry Lobby of the office and Dock building.

17-12-41

Project:0 South Side Turnverein,Indianapolis

C

(b)Chapter 34 is being used to evaluate HVAC systems in an existing building.

The variance request is to allow a score of 5 points for HVAC systems without providing separate systems for each story.

Smoke dampers will be provided in ductwork penetrating the floor/ceiling and between floors. The first and second floor will be served by separate systems. Smoke detection and A manual fire alarm building will be provided throughout the building. Other variances have Been granted for similar requests.

C

18129

(a) The code requires at least one exit stairway to be enclosed for all stories from the second and above in a structure.

Proponent states that both existing stairways in structure are unenclosed from the third floor.

Proponent states the following; The existing open stairs are only 1 level above the level of exit discharge. Exit discharge is provided from the 2nd floor level. Exit access travel distance is 86 ft. Code permits 200 ft.

17-12-42

Project:391867 Pizza Venturi LLC Remodel,GOSHEN

C

18128

C/NVR - The code requires a Type I hood to be installed where cooking appliances produce grease or smoke as a result of the cooking process. The request is to allow the Type I hood to be omitted in the site-built wood-fired bread oven. Proponent states the oven will only be used for bread-baking and will not produce grease-laden vapors. The oven uses natural draft ventilation with a chimney rather than a hood system.

- 17-12-43** **Project:395367** **MJ Insurance,CARMEL**
 C 18015
- The code requires when an automatic fire-extinguishing system is installed as an alternative to the required automatic sprinkler system, the system must be approved by the code official in accordance with the rules of the Commission. The request is to allow a gas extinguishing system to be used on the third floor in the computer server room. Building is otherwise fully sprinklered.
- 17-12-44** **Project:0** **LifeWay Apostolic Church,Avon**
 C 18147
- The code requires at least a 2-hour fire barrier when separating a Group "A-3" occupancy (church) from a Group "B" occupancy (business) when the building is not fully sprinklered. The request is to allow the 2-hour fire barrier to be omitted even though the building is not sprinklered. There was a variance granted for a previous church in the same location. Proponent is requesting that the variance that was previously granted on a past church be granted on this church. See attached variance.
- 17-12-45** **Project:395193** **DMC Insurance,Indianapolis**
 C 18094
- The code requires unisex bathing rooms to have one water closet and one lavatory. The request is to allow a new unisex bathing room to only be provided with a shower used by employees who bike to/from work or who exercise at lunch. The shower is not required by code.

17-12-46 **Project:0** **Decatur County Fairgrounds - Prefab Livestock Hoop Structure, Greensburg**

C 18106

The code prohibits a building or structure from being classified within a different occupancy group without being made to comply with the requirements for new construction or evaluating the change of occupancy using Chapter 34 Evaluation. The request is to allow a 2,688 sq. ft. open-ended hoop shelter, to be used as a Class 1 structure, without being made to comply with the requirements for a Class 1 structure. The structure will be occupied by the public 1 week a year in July during the annual fair. Public will walk down the center of the structure to view the livestock being housed there. Shelter is metal frame with flame retardant fabric covering. Occupant load is 72. Maximum travel distance to an exit is approximately 42, code permits 200.

17-12-47 **Project:393722** **Barco Family Dentistry, BLOOMINGTON**

A 18085

The code requires stairs to have a maximum riser height of 7 inches and a minimum tread depth of 11 inches. The request is to allow the stairs to have 7 7/16 inches riser height and 10 inches tread depth. Proponent states the stair is a private stair for employees only, connecting public upper level with lower level used by staff for mechanicals, storage and lounge. Both upper and lower levels have separate ground level exits.

17-12-48

Project:0 Sauder Feeds,Grabill

C 18131

(a)Code requires an automatic sprinkler system in a Group M, F-1, or S-I occupancy where the fire area exceeds 12,000 sq. ft.

Sprinklers will not be installed in the existing or new portions of the building. Proponent states that a manual fire alarm will be installed. Dust collection, deflagration venting, monitoring control of equipment will be provided. Similar variance was granted with the condition: "A 1-hour separation will be provided around the office area".

C (b)The code prohibits buildings or structures from exceeding the height, number of stories, and allowable area for its construction type. The request is to allow a 18,780 sq. ft., Type V-B construction, mixed use feed mill building, to exceed its allowable area by 3,905 sq. ft. Otherwise, building will have to be upgraded to Type VA (combustible, 1-hour rated) Construction. Per proponent, anticipated occupant load is 20.

17-12-49

Project:0 IU Luddy Hall School of Informatics and Computing,Bloomington

C 18089

(a) Where fire resistance-rated floor or floor /ceiling assemblies are required, the code requires gaps that are created at the intersection of the exterior curtain wall assemblies, to be sealed with an approved fire containment system. The request is to allow the floor slab where it stops short of the curtain wall, to be provided with a mineral wool in-fill. Also, four small bump-out areas on each floor level will be provided with wool in-fill. Building is 4-stories with partial basement. Building is fully sprinklered.

C (b) The code requires sprinklers to be installed under fixed obstructions over 4 ft. wide. The request is to allow sprinklers to not be installed beneath the open stairways which creates an obstruction to the ceiling sprinklers. Stairs are noncombustible and located in an open area of the building with limited combustible materials located below. Proponent states the location of the sprinklers minimizes obstructions. The closely spaced floor opening protection sprinklers, side wall sprinklers and draft curtains have been designed with consideration of the obstructed areas.

17-12-50

Project:377688

Vue Apartments,Indianapolis

A

18113

Electrical panels in Type B apartments are mounted higher than 48 inches and doesn't have the clear floor space. ANSI A117.1-2009 requires maximum mounting height to be no more than 48 inches and clear floor space to an element must be provided. It is not required by Fair Housing Act. Similar variances were granted in the past.

