

STAFF REPORT**Report Date: 02/04/2019**

"A" category = staff recommendation is for approval with no equal alternatives because of noncompliance is not adverse.

"B" category = staff recommendation is for approval with equal alternatives as stated by the proponent.

"C" category = reserved, meaning staff believes Commission needs to discuss entirety.

"D" category = recommendation is for denial.

"I" category = incomplete (with permission of the Chairman).

"NVR" category = no variance required.

"T" category = tabled.

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

Tabled Variances

18-08-62	Project:0	HOEMSTEAD APARTMENTS FIRE ADN BUILDING CODE VIOLATION,WEST BADEN SPRINGS
C	18583 TABLED BY PROPONENT 12/31/2018. TABLED BY COMMISSION 12/03/18. TABLED BY COMMISSION 11/07/18. TABLED BY PROPONENT 10/01/18. TABLED BY COMMISSION 09/04/18. TABLED BY COMMISSION 08/07/18.	
		<p>The code requires emergency escape and rescue openings to be maintained in accordance with the code that was in effect at the time of construction and must be operational from the inside of the room without the use of keys or tools.</p> <p>The request is to allow the windows to remain caulked and sealed to prevent the infestation of pests due to the design of the window frame not allowing for the use of a screen.</p> <p>The proponent states the building is equipped with a sprinkler system, fire alarm system along with fire extinguishers and emergency lighting throughout. The proponent also stated in 1998, this building was added into the National Register of Historic Places, with the current windows being in place</p>

18-12-01

I

Project: Menard's Fire Access Road,Valparaiso

18974

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

INCOMPLETE - LBO, LFO, 2nd application.

*****PAPER FILING

18-12-02

C

Project: Palermo Construction Fire Detection,Fort Wayne

18975

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

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

18-12-13

Project:0

Daming Excavating,INDIANAPOLIS

C

18940

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

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

C

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

19-01-01

Project:

Spring Mill Bible Camp New Cabins,Mitchell

C

19035

TABLED BY PROPONENT 01/02/2018.

The code requires a sprinkler system to be installed in buildings with a Group R fire area. The request is to allow the sprinkler system to be omitted out of the cabins. Proponent states the cabins will only be used for 8 weeks, 40 days out of the year during the summer season. Proponent states the nearest water main to the cabins is more than 2 miles away. Fire escape plan will be posted on the wall in each cabin. *****PAPER FILING*****

19-01-02

C

Project: Country Lake Worship Center,Underwood
19036

TABLED BY PROPONENT 01/02/2018.

The code requires sprinkler water supply to be capable of providing the required flow and pressure for the required duration, with 6 inches being the smallest in diameter as a private service main. The request is to allow a 2 inch water main supply to be used. Proponent states, the worship center is only occupied 3-5 hours/day during summer camp sessions (June & July). Worship center is only occupied 3-5 hours/week throughout rest of year. There are 7 exits around the building. Variance #16-10-20 was granted with the expiration date of October 4, 2018. *****PAPER FILING*****

19-01-09

C

Project:0 Broadway Christian Church,Fort Wayne
18946

TABLED BY COMMISSION 01/03/19.
Elevator pit will be 4' instead of 5'.

19-01-15

C

Project:0 Bluffton Free Street Fair,Bluffton
18978

TABLED BY PROPONENT 01/02/2019.

The code requires fire apparatus access roads to have an unobstructed width of not less than 20 feet and an unobstructed vertical clearance of not less than 13 feet 6 inches. Violation states 20 feet fire lanes were marked by the fire department, but the fair board and setup group ignored the markings. The request is to have some of the streets to be less than the required lane width. Proponent states fire trucks have gone down the same route for years with no problems.

19-01-41

Project:401199 Carrier Corporation,INDIANAPOLIS

C

19027

TABLED BY COMMISSION 01/03/19.

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

C

(b) The code requires guards to be provided along walking surfaces and are to have a minimum height of 42 inches. The request is to allow the escalator balustrades/handrails to serve as guards having a minimum height of 39 inches.

19-01-48

Project:402861 Duke Realty Headquarters,INDIANAPOLIS

C

(b) Requesting approval for an alternate method suspension of the Evolution MRL (EVO) series of elevator to the ASME A17.1 2007 code year.

C

19018

TABLED BY COMMISSION 01/03/19.

(a) An approval for an alternate method suspension of the Evolution MRL (EVO) series of elevator to the ASME A17.1 2007 code year is being requested.

- 19-01-51** **Project:0** **Millers Merry Manor - Huntington,Huntington**
- C (b) The code prohibits means of egress doors from being concealed by curtains, drapes, decorations or similar materials. The request is to allow door #1 in the dementia unit to be camouflaged to look like a book shelf on the exit doors. Proponent states residents are supervised 24 hours a day.
- C 18994
- TABLED BY COMMISSION 01/03/19.
- (a) The code requires means of egress doors to be maintained in a manner as to be distinguishable from the adjacent construction and finishes such that the doors are easily recognizable as doors. The request is to allow door #2 in the dementia unit to be camouflaged to look like a clock on the exit doors. Proponent states residents are supervised 24 hours a day.
- 19-01-54** **Project:0** **Civic Center Parking Garage Expansion,Fort Wayne**
- C TABLED BY COMMISSION 01/03/19.
- (b) The code requires additional hose connections to be provided where the most remote portion of a nonsprinklered floor or story is located more than 150 feet of travel distance from a required exit containing or adjacent to a hose connection. Proponent states the existing standpipes will be extended vertically with the new two-level addition maintaining the same standpipe layout and distances as the existing. Adding additional standpipe within the existing garage will be costly and difficult to locate with the required fire department accessibility.
- 19-02-01** **Project:0** **Community Stroke and Rehab,Crown Point**
- B 18970
- Schindler Elevator will utilize 6mm steel wire governor rope instead of the required minimum diameter of 9.5mm.

19-02-02 Project:397523 Schneck - Medical Office Building & Garage,SEYMOUR

B (b) Three Gen2 elevators will utilize 6.3 mm governor rope instead of the required minimum diameter of 9.5mm.

B 18982

(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 (AECCO) approval.

B (d) Four steel coated belts will be used as the suspension means.

B (c) Three Gen2 elevators will use ACLA buffers in place of spring buffers.

19-02-03 Project:396837 KAR Global Headquarters,CARMEL

B (d) Steel coated belts will be used as the suspension means.

B 18983

(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 (AECCO) approval.

B (c) Five Gen2 elevators will use ACLA buffers in place of spring buffers.

B (b) Five Gen2 elevators will utilize 6.3 mm steel wire governor rope instead of the required minimum diameter of 9.5mm.

19-02-04 Project:400954 Kuehne + Nagel,WHITESTOWN

B 18993

(a) MRL Technology.

B (b) MRL Technology

19-02-05 Project:400588 Weber Concrete,LEBANON

B (b) MRL Technology.

B 18995

(a) MRL Technology.

19-02-06	Project:404344	At Home Indianapolis,INDIANAPOLIS
B	19008	<p>The code requires fire detection, alarm, and extinguishing systems to be maintained in an operative condition at all times. The request is to allow two old rack fire system risers that is no longer in use to be removed, and cap off the riser. Proponent states this is the recommendation from Pike Township Fire Department.</p>
19-02-07	Project:0	The New Living Center,Indianapolis
C	19037	<p>The code permits a detached single family dwelling with a total building floor area exceeding no more than 3,000 sq. ft. excluding basements and no more than (3) stories, to be converted into an R-2 occupancy (congregate living for more than 16 occupants). The request is to allow a 2,000 sq. ft. 2-story house with an unfinished attic and basement to be converted to an R-3 occupancy (nontransient with 16 or fewer occupants) boarding house.</p>
19-02-08	Project:401185	PTD Diagnostics Building,WHITESTOWN
B	19038	<p>(a) MRL Technology</p>
B	(b) MRL Technology	<p>(b) MRL Technology</p>
19-02-09	Project:0	Covance Gallery Infill,Indianapolis
B	19039	<p>(a) MRL Technology</p>
B	(b) MRL Technology	<p>(b) MRL Technology</p>
B	(c) MRL Technology	<p>(c) MRL Technology</p>
B	(c) MRL Technology	<p>(c) MRL Technology</p>

19-02-10	Project:0	Nachand Fieldhouse - Clark County Elementary School,Jeffersonville
C	19042	<p>(a) The code requires exterior walls to be fire-rated when located on property line. The request is to allow a new elementary building addition to not have a rated exterior wall. The new addition will have wall located on property line. The new addition will extend approximately 30 feet on the city's property. Proponent states there is a permanently dedeed agreement between the city and Greater Clark County Schools that is being drawn up to permit the proposed school construction on City property. Elementary school will be fully sprinklered as required.</p> <p>****Variance #19-01-40 was filed last month.</p>
	C	<p>(b) The code requires a structurally independent fire wall when separating building to create two separate buildings. The request is to a allow a 3-hour fire barrier to be used in lieu of the fire wall to separate the proposed new elementary school for Greater Clark County Schools on the adjoining property and the existing Nachand Fieldhouse owned by the City of Jeffersonville.</p>
19-02-11	Project:40219	Lawrence Police Department,Lawrence
B	(b) MRL Technology	
B	19043	
	(a) MRL Technology	
19-02-12	Project:401344	Child Development Services W 38th Head Start,INDIANAPOLIS
C	19047	<p>The code permits toilet rooms located in day care and child-care facilities and containing two or more water closets to have one water closet without an enclosing compartment. The request is to allow doors to be omitted from all the water closet partition in order for caregivers to ensure the safety of children under the age of 5.</p>

19-02-13	Project:0	The Landing,Fort Wayne
	B	(b) Kone will use 6mm steel wire governor rope in lieu of the required minimum diameter of 9.5mm.
	B	19048
		(a) Kone will use 8 mm rope in lieu of the required minimum diameter of 9.5mm.
19-02-14	Project:399539	Vincennes University New Agricultural Facility,VINCENNES
	C	19049
		<p>The code requires the minimum water supply to be available for the minimum duration. The request is to allow a 45,000 sq. ft. Educational/Agricultural Building to not comply with the requirement for inside-outside hose demand. Proponent states the sprinkler design will not accommodate the required 250 inside-outside hose demand required per NFPA 13 due to the limitations of the available water supply, but will satisfy the design for the hydraulically most remote area for Ordinary Hazard, Group 1, with some slack for minimal hose demand. Per the proponent, the cost to provide equipment to supplement the water supply would cost approximately \$80,000 to \$90,000.</p>
19-02-15	Project:0	Brightpoint Head Start @ Grace St. John,Fort Wayne
	C	19034
		<p>The code requires a manual fire alarm system to be installed in Group E (school) occupancies. The request is to allow the fire alarm system to be omitted. The proponent states, this is temporary until the end of the school year. Per the previous variance 17-11-60, this is an existing 2-story building, but per the proponent, only the ground floor (approximately 3,000 sq. ft.) is being used. There are two exits from each classroom, but they don't exit directly to the exterior. There are smoke detectors in the classrooms and hall. Variance #17-11-60 expired on July 1, 2018.</p>

19-02-16

Project:0

Eric & Joyce Erwin Residence - LP Tank, New Albany

C

19050

The code requires underground 1000-gallon LP tanks to have a minimum of 10 feet separation distance between buildings. The request is to allow a detached garage accessory to a dwelling to have 6 feet between it and a 1,000-gallon LP tank. The proponent states the garage does not have any exterior equipment posing an ignition hazard, nor any air intakes. The LP tank has been existing in this location for approximately 14 years. The garage was constructed approximately 1.5 years ago. Local building official does not oppose this variance. This variance application is to fix the discrepancy on Variance 18-10-27 where the incorrect local fire official was listed.

19-02-17

Project:0 Clif Temporary Facilities,Indianapolis

- C (e) The code requires new buildings to comply with the 2010 Indiana Energy Conservation Code. The request is to allow the prefabricated structure to comply with the 1995 CABO Model Energy Code. Proponent states, the total building envelope is within 2% of compliance. Vestibule will not be provided.
- C (d) The code limits Class 1 structures to be erected no more than 90 days after it will be demolished or relocated in order to be considered a temporary structure. The request is to allow the mobile structures to be in place until January 3, 2020. Proponent states the structures will only be used by employees while the existing facility is being remodeled.
- C (c)The code requires a service sink to be provided. The request is to allow the service sink to be omitted. Proponent states the prefabricated unit did not come with a service sink and to add one would be difficult and costly. Existing building has a service sink.
- C 19051
- (a) The code requires toilet rooms to be accessible. The request is to allow new restrooms to not be accessible due to one step. Proponent states the existing building has accessible restroom within 500 feet. Condition will be temporary until January 3, 2020.
- *****Variance 19-01-53 was heard last month.
- C (b) The code requires exterior walls of Type V-B structure less than 30 feet away from any other building or structure to be 1-hour rated with protected openings. The request is to allow the walls and openings to be unprotected. Proponent states manual fire alarm system will be installed per local fire department request. Variance on variance 19-01-53(b).
- C (f) The code requires corridors to be of 1-hour rated construction with fire-rated doors. The request is to allow the walls to not be rated. Proponent states walls are existing and do not have fire-rated doors. Temporary structure until January 3, 2020.

19-02-18

Project:0 Franciscan Health Munster,Munster

- C (c) The code requires a 3-hour fire wall when separating Group I occupancy with different construction types. The request is to allow a 2-hour fire barrier to be used to separate the existing Building B of Type I-B construction from the new addition Building A of Type I-A construction, in lieu of a 3-hour structurally independent fire wall. Buildings are fully sprinklered as required. Similar variances have been granted in the past.
- C (b) The code requires an enclosed elevator lobby to be provided at each floor where an elevator shaft enclosure connects more than three stories. The request is to allow enclosed elevator lobbies to be omitted in the existing building and the 3rd floor vertical expansion. Building will be fully sprinklered as required. Similar variances have been granted in the past.
- A 18935
- (a) The 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 on the 3rd floor addition of the existing hospital. Cell phones could be used in emergency situations. Similar variances have been approved in the past.

19-02-19

Project:0 Willow Leaves of Hope,Hope

C 19054

(a) The code requires a sprinkler system to be provided in Group A-2 occupancy where the fire area exceeds 5,000 sq. ft., or the occupant load is 100 or more. The request is to allow the fire area to be 6,722 sq. ft. and the occupant load to be capped at 99. Proponent states the calculated occupant load is 262. This is an existing building that had multiple uses in the past without ACDR from Plan Review. Current use is mercantile and restaurant. Violation was written.

C (b) The code prohibits buildings or structures from exceeding its allowed building height and area based on the construction type. The request is to allow an A-2 occupancy of Type V-B construction to be 6,722 sq. ft. The allowable area is 6,000 sq. ft. Proponent states the building was constructed pre 1900's with the 6,722 sq. ft. Since then, the building has changed occupancies several times. Current use is restaurant and mercantile. Building will have live entertainment. Proponent states the building was used as a restaurant and mercantile in the 1990's. It's the use of the platform for meetings and live entertainments that's prompting the request.

19-02-20

Project:0 IU Health West Vertical Expansion,Avon

A 19055

(a) The code limits dead end corridors in Group I-2 occupancy to 20 feet. The request is to allow dead end corridors to be 30 feet. Proponent states the actual dead end corridors measure approximately 22 feet and 27 feet. NFPA 101-Life Safety Code, 2012 Edition, permits dead end corridors up to 30 feet in length.

A (b) 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 100 feet through two or more 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.

- 19-02-21** **Project:0** **West Lafayette City Hall,West Lafayette**
 C 19056
- The code requires separate plumbing fixtures to be provided for each sex. The request is to allow a single multiple-user rest room to be installed on each of the 1st and 2nd floors. Individual private water closets (full height walls and doors) will be provided within the rest room.
- 19-02-22** **Project:0** **Bull Dog Park,Crown Point**
 B 19058
- Schindler Elevator will utilize 6mm steel wire governor rope instead of the required minimum diameter of 9.5mm.
- 19-02-23** **Project:0** **Cornerstone Lutheran Women and Children's Shelter,Indianapolis**
 C 19060
- The code prohibits a building from changing its character or use causing it to be classified within a different occupancy group, unless the building is made to comply with new construction, or the building is used for residential occupancy not to exceed 30 days. The request is to allow the gymnasium space in the Cornerstone Lutheran Church to be used as a temporary homeless shelter for up to 50 women and children during February and March, 2019 without being made to comply with the Commission's rules for a change of occupancy from A- to R. Gym is on the ground floor of the building with direct access to two remotely located exterior exits. Shelter will be fully staffed 24/7 during the time of use as a homeless shelter. The General Administrative Rules permit temporary residential use in an A occupancy building for a maximum of 30 days in a calendar year based on certain criteria.

19-02-24 **Project:0** **St Stephen Orthodox Church Annex,Crawfordsville**

C 19061

The General Administrative Rules permit detached single family dwellings to be converted into an A-3 occupancy if the total building floor area, excluding basements, does not exceed 3,000 sq. ft. and has an occupant load of 100 or less, based on an occupant load factor not to exceed 15. The request is to allow an area, 3,057 sq. ft. of the single family residence to be used as a classroom annex for the church that is located directly across the street from the home. Proponent states, the space will be used for 3 small Sunday school classrooms and small meeting space, and will not be used for full-time education. Maximum travel distance to front exit is 58 feet.

19-02-25 **Project:401342** **Child Development Services W 34th Head Start,INDIANAPOLIS**

C 403142

The code permits toilet rooms located in day care and child-care facilities and containing two or more water closets to have one water closet without an enclosing compartment. The request is to allow doors to be omitted from all the water closet partition in order for caregivers to ensure the safety of children.

19-02-26 **Project:0** **South Lake YMCA,Crown Point**

B 19063

Schindler Elevator will utilize 6mm steel wire governor rope instead of the required minimum diameter of 9.5mm.

- 19-02-27** **Project:403345** **Evergreen Village at Fort Wayne,FORT WAYNE**
 A 19066
- The code permits the ceiling membrane of 1- and 2-hour rated horizontal assemblies to be interrupted with the double wood top plate of a fire-resistance-rated wall assembly as long as all penetrating items through the double top plates are protected. The request is to allow the ceiling membrane of the 1-hour rated horizontal assemblies to be interrupted with the double wood top plate of a wall assembly that is sheathed with Type X gypsum wallboard in lieu of the wall being required to have a fire-resistance rating as permitted in the 2015 edition of the International Building Code. Similar variance was granted last month.
- 19-02-28** **Project:401401** **Hooverwood Assisted Living Addition,INDIANAPOLIS**
 NVR 19067
- The code requires controls, operating mechanisms and hardware intended for operation by occupants in accessible spaces, along accessible routes or as part of accessible elements to be accessible. The accessible height for high forward reach is a maximum of 48 inches above the floor. Operable parts intended for use only by service or maintenance personnel are exempted from this requirement. The request is to allow the electrical panel boards in all of the units in the building to not have to comply with the 48 inch maximum height. Proponent states the electrical panel boards will be locked for access by maintenance/service personnel only, and not by the occupant.
- 19-02-29** **Project:0** **Calvary Church Renovation,Valparaiso**
 C 19068
- The code permits Group A-3 occupancy to have its sprinkler system omitted if the fire area does not exceed 7,000 sq. ft., space is used primarily for worship and not used for exhibition or display, and the fire area is not located on a floor other than the level of exit discharge. The request is to allow a renovation to be done to the existing classroom spaces adjacent to the worship area that will increase the occupant load by an additional 77 persons. The existing fire area already exceeds 7,000 sq. ft. for a nonsprinklered A-3 occupancy. Proponent states Variance 17-10-24 was approved to increase the occupant load of 82 persons by way of a balcony addition. The balcony was not constructed. Therefore, the 82 occupants were not added to the building. The worship space has 4 means of egress with two exits directly to the exterior.

19-02-30

Project:0

Beth Shalom Additions and Renovation,Bloomington

C

19070

(a) The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area based on the construction type. The request is to allow a 1,178 sq. ft. classroom addition and a 628 sq. ft. foyer addition with seating area, coats room, restroom, and vestibule to be put to the existing building area of 11,290 sq. ft. without having to separate the additions with 4-hour fire walls. The allowable area for A-3 occupancy, Type V-B construction is 10,500 sq. ft. Existing entry will be demolished. Proponent states each of the additions have a direct exit to the exterior of the building, with travel distance less than 40 feet in each case.

C

(b) The code permits Group A-3 occupancy to have its sprinkler system omitted if the fire area does not exceed 7,000 sq. ft., space is used primarily for worship and not used for exhibition or display, and the fire area is not located on a floor other than the level of exit discharge. The request is to allow a 628 sq. ft. addition to be put to the existing fire area of 11,290 sq. ft. building without having to sprinker the building. Proponent states the new addition will not increase the occupant load of the building. *****Fire official opposes the variance. See attached.

- 19-02-31** **Project:0** **6508 Westfield,Indianapolis**
- C 19071
- WITHDRAWN BY PROPONENT 02/04/2019 (all variances).
- (a) NFPA 13 requires the sprinkler water demand and design criteria to be based on the requirements of this standard. The request is to allow the sprinkler design to be based on the requirements of NFPA 13R and still be able to take a score of "0" under the sprinklers parameter in the Chapter 34 Evaluation of the building. Proponent states the existing standpipe system does not have enough volume to accommodate an NFPA 13 system.
- C (b)) In buildings where sprinkler system is required, the code prohibits any portion of a building or structure from being occupied until the sprinkler system has been tested and approved. The request is to allow the sprinkler system on office floors 2 and 3 to be omitted for up to 2 years. Floors 1, 4, and 5 will be sprinklered.
- C (c) The code requires two exits to be provided. The request is to allow the existing scissor interlocking stairs to serve as the required two exits.
- 19-02-32** **Project:0** **Newburgh WTF Consolidation and Chlorine Gas Conversion Project,Newburgh**
- B 19073
- The code requires an automatic sprinkler system to be provided in high-hazard occupancies (H-4 occupancy). The request is to allow the sprinkler system to be omitted in the room used to store Sodium Hypochlorite, a corrosive liquid, which is used by the water treatment plant. The building is 1-story and 13,100 sq. ft. The Sodium Hypochlorite room is 520 sq. ft. The room will be separated from the remainder of the buildings by 2-hour fire barrier. Fire detection system will be installed in the Sodium Hypochlorite room. Room will not be used to store combustible materials. Proponent states the chemicals are not flammable or combustible.
- 19-02-33** **Project:403427** **Woodland Terrace of Danville,DANVILLE**
- B 19074
- The code permits foyers, lobbies, or reception rooms to be open to the corridor. The request is to allow a nurses station, lobby, dining areas, activity rooms, lounges/sitting area, and similar spaces to be open to the corridor in the assisted living and memory care facility. No commercial cooking equipment or fryers are in the areas open to the corridor. Building is fully sprinklered as required.

19-02-34

Project:0 Leader Event Barn,Darlington

C 19075

(b) The code requires the calculated occupant load to be used when determining the number of persons in a building. Proponent states the calculated occupant load is over 415 persons. The request is to allow a self-limit occupant load of 250 persons to be used in lieu of the calculated occupant load.

C 19075

(a) The code requires a sprinkler system to be provided in Group A-2 occupancy where the fire area has an occupant load of 100 or more. The request is to allow the sprinkler system to be omitted in an event barn with a loft that will have a self-limited occupant load of 250 if next variance is approved. Fire alarm and smoke detection will be provided, which is not required in buildings with an occupant load of 300 or more. Proponent states building will have 4 exits; code requires at least 2 exits. Exit access travel distance will be less than 40 feet; code permits maximum 200 feet. Decorative combustible materials will be fire retardant treated. Pond will be adjacent to the barn for drafting water in case of fire. Where are the 4 exits?

19-02-35

Project:404429 FRANCISCAN BEACON HOSPITAL,LAPORTE

C 19077

The code requires non-structural components that are permanently attached to structures and their supports and attachments to be designed and constructed to resist the effect of earthquake motions. The request is to allow the Design Category for non-structural components that are permanently attached to structures and their support attachments to be based solely on determination on Short Period (0.2 second) Response Accelerations.

19-02-36

Project:0 Greenwood Fire Station #93,Greenwood

A 19078

The code requires all sites, buildings, facilities; temporary or permanent, to be accessible to persons with physical disabilities. The request is to allow spaces in a fire station (bunk rooms, bathing/toilet rooms, and kitchen) to not be designed for accessibility. Proponent advises accessible rest rooms will be provided for use by the public and staff personnel on the 1st floor. Similar variances have been previously granted.

- 19-02-37** **Project:0** **Edgewood HS Locker Room Add,Ellettsville**
C 19079
- The code requires the number of plumbing fixtures to be provided based on the type of occupancy and the number of occupants. The request is to allow the required number of fixtures to not be installed. Proponent states the home side of football field is being located to the opposite side. There are 8 toilets and 3 urinals and are not accessible. There will be 13 new toilets and 4 urinal that will be accessible.
- 19-02-38** **Project:0** **University of Notre Dame Elevators,NOTRE DAME**
C 19080
- The Elevator Code requires all keys associated with elevators to be placed in a heavy metal enclosure and is to be conspicuously located and identified by a sign stating "FOR EMERGENCY USE ONLY". The request is to allow security access cards to not be in the elevator lock boxes. The access cards will be issued to students and staff. Proponent states a security card can be provided upon request to the elevator inspector and the University of Notre Dame security and emergency personnel.
- 19-02-39** **Project:0** **Silver Coin Barn,Frankfort**
C 19081
- The code requires a sprinkler system to be provided in Group A-2 occupancy where the fire area exceeds 5,000 sq. ft. or the occupant load is 100 or more. The request is to allow the sprinkler system to be omitted in an approximately 8,000 sq. ft. event center with an occupant load of approximately 400 persons. Shunt trip will be provided with alarm system to shut down the sound system, smoke detection will be provided throughout building. Thirteen additional French doors will be provided that leads to a patio that connects to the public way. Proponent states a water supply capable of supplying an automatic sprinkler system is not available to the site.
- *****Structural analysis

- 19-02-40** **Project:0** **Greenwood Business Center,Greenwood**
 C 19082
- The code permits 1-story Group S-1 occupancy to be unlimited in area where the building is fully sprinklered with an NFPA 13 system and is surrounded and adjoined by public ways or yards not less than 60 feet. The request is to allow the new 160,148 sq. ft. S-1 occupancy to have a small portion of the southwest corner of the building to be less than 60 feet. It will be approximately 50 feet. Building is fully sprinklered.
- 19-02-41** **Project:0** **Auto Glass Week 2019,Indianapolis**
 C 19084
- The code prohibits fueled equipment from being stored, operated or repaired within a building unless the batteries are disconnected, fuel in fuel tanks does not exceed one-quarter tank or 5 gallons (whichever is less), fuel tanks and fill openings are closed and sealed, and vehicles are not fueled or defueled in the building. The request is to allow up to 60 vehicles to be stored and operated in the Indianapolis Convention Center from 8:00 a.m. August 31, 2019 until 11:59 p.m. September 6, 2019. The facility will be used for the operation and display of motor vehicles. Each vehicles will have a full tank of gas, not exceeding 16.5 gallons. Proponent states the gas cap will be taped, vehicles will not be refueled within the building, and vehicle will be monitored for leaks.
- 19-02-42** **Project:400738** **Morrissey Hall Selective Renovations,Notre Dame**
 C 19085
- (a) The code requires fire alarm control panel relays to be located within 3 ft. of the controlled circuit or appliance. A new machine room-less elevator is being installed in an existing dormitory. The request is to allow the fire alarm control panel relays to be located 15 feet from the controller of the new machine room-less elevator
- C (b) The code requires doors located in walls that are capable of resisting the passage of smoke to be either self- or automatic closing upon detection of smoke. The request is to allow the door to the laundry room in the basement to not be provided with a closer. Proponent states the closer on the door would require a 12 inch clearance on the push side of the door, which cannot be provided due to the thickness and structural integrity of the existing basement walls.

19-02-43

Project:0

**Indiana State University Sycamore Dining
Commons, Terre Haute**

C

19088

The code permits horizontal sliding or vertical security grilles to be used at the main exit in Groups B, F, M, and S occupancies, but is to remain open during the period of occupancy by the general public. The request is to allow rolling security grilles to be used to secure the dining facility (Group A-2) from unlawful entry after hours. A portion of the required egress width for the dining area when fully occupied will be obstructed by the grilles reducing the required width from 246 inches to 144 inches when security grilles are closed after hours. Dining area will be fully sprinklered with NFPA 13 system as required. Grilles will be open when the dining area is occupied by other than staff.

19-02-44

Project:0

Lilly K155 ASRS Warehouse, Indianapolis

C

19091

The code prohibits buildings or structures from exceeding the height, number of stories, and allowable area based on the construction type. The code limits the height to 75 feet in fully sprinklered buildings of Type II-B construction. Special industrial occupancies designed to house special industrial processes that require large areas and unusual building heights to accommodate cranes or special machinery and equipment are exempted from the allowable area and height. The request is to allow the automated storage and retrieval system warehouse structure to be approximately 110 feet to the main warehouse roof, with approximately 124 feet of height to the roof over the stair providing access to the roof. Proponent states the process in the building involves a normally unoccupied automated storage and retrieval system. Building is fully sprinklered as required.

19-02-45

Project:0 Kimpton Hotel,Indianapolis

- A (c) The code requires an enclosed elevator lobby to be provided at each floor where an elevator shaft enclosure connects more than three stories. The request is to allow the 14-story + basement hotel structure to not have enclosed elevator lobby. Similar variances have been granted in the past.
- C 19094
- (a) The code requires stairs to be enclosed in 2-hour fire-rated construction where connecting four or more stories. The request is to allow the existing north stair to transfer on the 2nd floor to a separate flight of stairs leading to the 1st floor lobby instead of being in a 2-hour stair enclosure that is continuous to the first floor. Proponent states the building is an existing 14-story + basement structure. The area of transfer on the 2nd floor will be separated from the remainder of the 2nd floor with a 1-hour fire partition. The length of travel for the transfer on the 2nd floor is less than 20 feet. Building is fully sprinklered as required.
- C (b) The code prohibits walls located on lot line between adjacent buildings (party walls) from having any openings. The request is to allow the first floor of the hotel and the mezzanine level of the 110 E Washington Street building to have openings and openings on each floor between 1 North Penn and 15 North Penn. Proponent states the additional area in the 110 E. Washington Street building is needed to support the hotel.
- C (e) The code requires buildings that are more than 75 feet above the lowest level of fire department vehicle access to comply with the requirements for a high rise building. The request is to allow the building to not fully comply with the requirements for high rise buildings (no stair pressurization for existing stairs and no fire command center room on 1st floor). Proponent states the new addition to the north along with the construction of a rooftop lounge is triggering the requirements.
- B (d) The code prohibits exterior openings located on lot line. The request is to allow exterior windows to be located in the north and east exterior walls of the north addition to the building on floors 3-15. Building will be fully sprinklered. An additional sprinkler will be located at the ceiling level within 12 inches horizontally of each affected window opening.

19-02-46

Project:0**Sweetwater Sound Event Center,Fort Wayne**

C

19096

The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area based on the construction type. The request is to allow an approximately 70,000 sq. ft. addition to be put to the existing 236,000 sq. ft. 1st floor of the building without having to separate the two with a 4-hour structurally independent fire wall. Building will be fully sprinklered as required. A row of closed-spaced sprinklers will be provided along each side of the wall between the addition and the existing building.

19-02-47

Project:0**Concord High School Auditorium Lobby
Addition,Elkhart**

C

(b) The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area based on the construction type. The request is to allow a 6,936 sq. ft. addition to be put to the existing 300,000 sq. ft. building without having to separate the two with a fire wall. Existing lobby area and new addition will be sprinklered as required.

C

19098

(a) Required means of egress is to be maintained during construction and demolition, remodeling or alterations and additions to any building. The request is to allow a 6,936 sq. ft. lobby addition that will be put to the existing auditorium which will cause the main exit to be closed off for use as a means of egress. Two independent means of egress will remain available to the auditorium seating area without passing through the construction zone. Proponent states, events will be limited to a maximum occupant load of 500 persons, which is the limit accommodated by the remaining egress width. Construction dates?

- 19-02-48** **Project:0** **NHK Seating Compressor Addition, Frankfort**
- C 19069
- (a) The code prohibits addition to buildings or structures plus the existing building or structure from exceeding the height, number of stories, and allowable area based on the construction type. The request is to allow a 1,334 sq. ft. compressor room addition to be put to the existing 144,272 sq. ft. building of Type II-B building without separating the two from each other with a 4-hour structurally independent wall. Addition will be sprinklered. Existing building is fully sprinklered. Proponent states, the addition will add less than 1 percent area to the building.
- C (b) The code requires new buildings to comply with the 2010 Indiana Energy Conservation Code. The request is to allow the 1,334 sq. ft. addition with concrete block exterior wall to not comply with the building envelope and not meet prescriptive requirements of the Energy Code, nor pass Comcheck. Proponent states the concrete block exterior wall matches the existing exterior wall construction. The addition will be a normally unoccupied equipment area.
-
- 19-02-49** **Project:0** **Cardinal Campus, Highland**
- B 18980
- Schindler Elevator will utilize 6mm steel wire governor rope instead of the required minimum diameter of 9.5mm.
-
- 19-02-50** **Project:0** **ACS - Secure Entry & Expansion project #1 - 10th St. Elementary, Anderson**
- C 19090
- The code requires an automatic sprinkler system to be provided throughout all Group E fire areas exceeding 12,000 sq. ft. The request is to allow a 3,000 sq. ft. dining addition to be put to the existing 21,900 sq. ft. building of Type II-B construction without having to sprinkler the building. Automatic smoke detection system will be provided in the existing dining area and the new addition, which is not required by code. The addition will have an exit directly to the exterior. Two-hour Won Wall will not be installed.

19-02-51

Project:368907 DeKalb Co. Fair Association Horse Barn,Auburn

C

19097

The code requires a sprinkler system to be provided in Group S-1 occupancy where the fire area exceeds 12,000 sq. ft. The request is to allow the sprinkler system to be omitted in an existing 31,908 sq. ft. horse barn/storage building of Type II-B construction. Proponent states 4,801 sq. ft. of the building is an attached open sided pavilion. The building will be used for the stabling of horses, 1 week for 4-H fairground use, and storage use. Per the proponent, the main use will be for the stabling of horses. There was a variance issued that extended the sprinkler system to be installed when the proposed use was going to be for events, public assembly. The use has since changed. *****See fire official's letter*****

19-02-52

Project:0 Anderson Mounds Mall JJWA office location,Anderson

C

(b) The code requires covered and open mall buildings and buildings connected to be fully sprinklered. The request is to allow the 224 sq. ft. Jesse J Wilkerson office space to continue operation without the sprinkler system. Proponent states there is no public access and there is free egress from the space to the exit.

C

18979

(a) The code requires all buildings and structures and any part of the fire or explosion systems to be maintained. The request is to allow the sprinkler system to be shut-down in the mall. The movie theater is fully sprinklered. The mall is non-sprinklered. Two-hour wall will separate the sprinklered movie theater from the non-sprinklered mall. Proponent states there is no tenants in the mall and the heat is being turned off. Variance 18-12-07 was granted last month for the Dr. Tavel tenant space to remain open.

19-02-53	Project:0	New Northside Elementary School,Evansville
C	19100	<p>The Electrical Code requires Metal raceways, cable armor, and other metal enclosures for conductors to be metallicly joined together into a continuous lectrical conductor and is to be connected to all boxes, fittings, and cabinets so as to provide effective electrical continuity. Short sections of raceways used to provide support or protection of cable assemblies from physical damage does not have to be made electrically continuous. Violation was written stating: Electrical raceways were found to not be complete and to not terminate with an approved connector throughout the building at time of inspection. Proponent does not agree with the violation and states the conduit installation method in question has been commonly used. Work is complete.</p>
19-02-54	Project:401737	Duke Energy 50s Lobby Renovation,PLAINFIELD
B	18986	(a) Steel Coated Belts will be used as the suspension means.
C		(d) One (1) GEN2 traction elevator will be installed in hoistways that can only provide 4'-0" deep pits. A telescoping apron will be used to achieve the required 48" minimum length. Proponent states without the approval of the telescoping aprons,the existing concrete pit depths would have to be modified from 4'-0" depth, to 5'-0" depth.
B		(c) One Gen2 elevator will use ACLA buffers in place of spring buffers.
B		(b) One Gen2 elevator will utilize 6.3 mm governor rope instead of the required minimum diameter of 9.5mm.

19-02-55

Project:0 Project Condor 5AB Building,Indianapolis

- C (d) The code limits travel distance in fully sprinkered B occupancy building to 300 feet. When the training center portion of the building was renovated to become a training center, a Rule 8 analysis was done. A 2-hour wall by variance was constructed between the training center and the manufacturing area in order to decrease the travel distance. Proponent states with the recent penetration of the 2-hour wall with windows and doors, the wall no longer qualifies as a rated wall. The request is to allow a new means of egress to be provided that will no longer require the 2-hour wall. The new egress will provide a travel distance a maximum of 295 feet and will go through the new break room directly to the exterior. Proponent states fire official agrees the new egress is better than the original egress route.
- C (b) The code requires smoke and heat vents to be provided in Group F-1 or S-1 occupancies having more than 50,000 sq. ft. in undivided area. The request is to allow the smoke and heat vents to be omitted. Proponent states the existing F-1 occupancy (ca 1941) is undergoing extensive remodeling and retooling, but will still be classified as an F-1 occupancy. Eight new air handling units will be installed creating a total of 160,000 cfm of total exhaust. The AHU and RTU will be wired for automatic shut down upon activation of the sprinkler system, HVAC duct detectors, or fire alarm system. All units will be controlled, in two (2) separate zones, by the fire department at a control panel in the Training Center Lobby, per the request of the Local Fire Department.
- C 19065
- (a) The code requires smoke and heat vents to be provided in Group F-1 or S-1 occupancies having more than 50,000 sq. ft. in undivided area. The request is to allow existing roof/smoke vents to be removed. Proponent states they are leaking and many are non-functioning. The leaking smoke vents are located in the H-4 area where there are open bath systems and is creating issues with the process the open baths provide for the manufacturing of parts. Per the proponent, once the smoke venting system is removed, the roofs will be patched. Proponent further states, the code at the time did not require smoke and heat venting.
- C (c) The code requires F-2 occupancies to be a factory building that consist of the fabrication or manufacturing of noncombustible materials which during finishing, packing or processing do not involve a significant fire hazard. The request is to permit the building to be classified as F-1 occupancy, factory building that involve moderate hazard. Proponent states originally the building was constructed as an F-2 occupancy due to the owner intending to modify the existing manufacturing area from F-1 to F-2. However, the owner has now decided to keep the entire manufacturing area as a Type F-1 occupancy sprinkler unlimited. Building is fully sprinklered.

- 19-02-56** **Project:403708** **Swartzentruber Sawmill,ODON**
 C 19064
 The code requires a sprinkler system to be provided throughout all buildings containing a Group F-1 occupancy where the fire area exceeds 12,000 sq. ft. The request is to allow the sprinkler system to be omitted. Proponent states coarse sawdust will be generated during the manufacturing process. The fire area is a maximum of 15,000 sq. ft.
- 19-02-57** **Project:0** **Lizton Lodge,Lizton**
 C 19092
 The code prohibits a building from being changed to a different use unless the building is being made to comply with the rules for new construction or evaluating the change of use using Chapter 34. The request is to allow a 22,000 sq. ft. single family residence that sits on 100 acres of land to be changed into event spaces with sleeping rooms for overnight rental by guests of the event spaces and not have to comply with the rules for new construction or using a Chapter 34. Fire and life safety will be made to the house. Accessibility improvements will be made, but not to the entire house. House will not comply with current Energy Code. No sprinkler system will be provided. Proponent states there is no city water available in the rural area. *****See fire official's e-mail.
- 19-02-58** **Project:0** **Jackson Investment Group Office,Lebanon**
 C 19076
 (a) The code requires at least one accessible route to connect each accessible level. The request is to allow the accessible route to be omitted in the existing two story building. Proponent states the building is for business with existing tenants on the first floor. The second floor is going to be renovated for office space. There is no accessible routes or toilets in the existing building. Per the proponent, there is no change of occupancy. Building was constructed in the 1920's. New railing will be constructed around the stair and the opening at the top of the stair.
 C (b) The code requires each toilet room to be accessible. The request is to allow accessible bathrooms to be omitted. New bathrooms will be constructed in the eastern part of the second floor where the floor area is raised. The bathrooms will not be accessible.

19-02-59

Project:0 Clinton Street B&B, Frankfort

C 19093

The code requires 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 11.2 points to be taken in the Fire Safety category, 0.2 points to be taken in the Means of Egress category, and 3.2 points to be taken in the General Safety category. The 2nd floor of an existing building constructed in 1890 is being renovated into 11 bed and breakfast rooms and attic storage. Second floor residential areas will be sprinklered with NFPA 13D system in lieu of the required NFPA 13R system.

