Ohio | Common Sense Initiative

Mike DeWine, Governor
Jon Husted, Lt. Governor

Carrie Kuruc, Director

Business Impact Analysis

Agency, Board, or Commission Name: Board of Building Standards

Rule Contact Name and Contact Information:

Regina Hanshaw 614-644-2613

Regulation/Package Title (a general description of the rules' substantive content):

Amendments Group 99 – Ohio Plumbing Code Amendments

Rule Number(s): 4101:3-4-01, 4101:3-7-01, 4101:3-8-01, 4101:3-9-01, 4101:3-10-01, and 4101:3-15-01

Date of Submission for CSI Review: 11/15/19

Public Comment Period End Date: 12/13/19

Rule Type/Number of Rules:

New/___ rules

No Change/____ rules (FYR? ___)

Amended/__6__ rules (FYR? _N__)

Rescinded/____ rules (FYR? ___)

The Common Sense Initiative is established in R.C. 107.61 to eliminate excessive and duplicative rules and regulations that stand in the way of job creation. Under the Common Sense Initiative, agencies must balance the critical objectives of regulations that have an adverse impact on business with the costs of compliance by the regulated parties. Agencies should promote transparency, responsiveness, predictability, and flexibility while developing

regulations that are fair and easy to follow. Agencies should prioritize compliance over punishment, and to that end, should utilize plain language in the development of regulations.

Reason for Submission

1. **R.C. 106.03 and 106.031 require agencies, when reviewing a rule, to determine whether the rule has an adverse impact on businesses as defined by R.C. 107.52. If the agency determines that it does, it must complete a business impact analysis and submit the rule for CSI review.**

   Which adverse impact(s) to businesses has the agency determined the rule(s) create?

   The rule(s):

   a. ☒ **Requires a license, permit, or any other prior authorization to engage in or operate a line of business.**

   b. ☐ **Imposes a criminal penalty, a civil penalty, or another sanction, or creates a cause of action for failure to comply with its terms.**

   c. ☐ **Requires specific expenditures or the report of information as a condition of compliance.**

   d. ☐ **Is likely to directly reduce the revenue or increase the expenses of the lines of business to which it will apply or applies.**

Regulatory Intent

2. **Please briefly describe the draft regulation in plain language.**
   Please include the key provisions of the regulation as well as any proposed amendments.

   The Ohio Board of Building Standards (Board) proposes to amend Ohio Administrative Code (OAC) Rules as follows:

   4101:3-4-01 to add an exception in Section 403.1 to the distribution of plumbing fixtures by gender; to allow single-user or separate facilities to be used in the calculation of the required number of plumbing fixtures; to clarify in Table 403.1 that ambulatory care facilities are business occupancies; to add design flexibility in Section 403.2 by allowing mixed-gender facilities; and to incorporate ICC errata.

   4101:3-7-01 to remove the prohibition of drainage piping running above food prep, storage, or eating areas in Section 701.8; to address the reuse of existing sanitary drainage piping in new Section 701.8 by referencing the OBC Chapter 34; and to incorporate ICC errata.

4101:3-8-01 to bring back old IPC language in Section 802.1 to allow food utensils, dishes, pots and pans sinks to directly connect to the sanitary drainage system (BBS Petition 18-06) and to clarify that food handling sinks are required to be indirectly connected to the drainage system.

4101:3-9-01 to bring Section 915.2 more in line with the IPC and to require upsizing of the waste and vent pipe serving the vertical section of a floor drain using the combination waste and vent system method of venting (BBS Petition 18-05) and to incorporate ICC errata.

4101:3-10-01 to reorganize the Section 1002.1 fixture trap section and to delete floor drains, floor sinks, and hub drains from the exception for traps (BBS Petition 18-04); to add new Section 1002.4.1.5 that allows the waste from certain indirectly connected fixtures to serve as the trap seal for emergency floor drains, trench drains, or floor sinks located in the same room (BBS Petition 18-12); and to incorporate ICC errata.

4101:3-15-01 to update the IFGC to the 2018 edition and to update the IFGC referenced standard ANSI LC1/CSA 6.26 to the 2018 edition; and to adopt the NFPA 70 TIA 17-8 which eliminates a conflict between NFPA 99 and NFPA 70 with regard to wiring protection for emergency systems in health care occupancies where persons are not capable of self-preservation.

A detailed summary of the proposed amendments is attached as Exhibit A.

3. **Please list the Ohio statute(s) that authorize the agency, board or commission to adopt the rule(s) and the statute(s) that amplify that authority.**

   Revised Code § 3781.10: http://codes.ohio.gov/orc/3781.10
   Revised Code § 4104.43: http://codes.ohio.gov/orc/4104.43v1

4. **Does the regulation implement a federal requirement? Is the proposed regulation being adopted or amended to enable the state to obtain or maintain approval to administer and enforce a federal law or to participate in a federal program?**
   If yes, please briefly explain the source and substance of the federal requirement.

   No.

5. **If the regulation includes provisions not specifically required by the federal government, please explain the rationale for exceeding the federal requirement.**

   NA

6. **What is the public purpose for this regulation (i.e., why does the Agency feel that there needs to be any regulation in this area at all)?**

   Revised Code § 3781.10 directs the Board to "formulate and adopt rules governing the erection, construction, repair, alteration and maintenance of all buildings specified in section 3781.06 of the

Revised Code…" It further requires that the Board's rules also "relate to the conservation of energy and the safety and sanitation of those buildings."

7. How will the Agency measure the success of this regulation in terms of outputs and/or outcomes?

The enforcement of these rules will be implemented by certified township, city, and county building departments. Rule 4101:1-1-01 lays out the administrative procedures certified building departments must follow to implement the substantive requirements of these rules to determine compliance. These provisions require a builder or owner to make application to a building department to obtain an approval to build (permit). As part of this application the owner must submit sufficient information and/or construction documents for the building official/plans examiner to determine whether the proposed work complies with the code. After the builder or owner obtains the approval (permit), construction may commence and the building department inspectors will inspect the construction to ensure that the work conforms with the original approval. Rule 4101:1-1-01 § 105.2 provides that in the absence of fraud or a serious safety or sanitation hazard, any non-residential structure built in accordance with approved plans shall be conclusively presumed to comply with these rules. The Board requires that certified nonresidential building departments submit an annual yearly operational report which lists the following information: current employees and their certifications, total number of permits issued during the year for each type of occupancy, total number of inspections made, the total value of construction, and the total number of appeals of the code requested by a builder or owner during the year.

8. Are any of the proposed rules contained in this rule package being submitted pursuant to R.C. 101.352, 101.353, 106.032, 121.93, or 121.931?
If yes, please specify the rule number(s), the specific R.C. section requiring this submission, and a detailed explanation.
No.

Development of the Regulation

9. Please list the stakeholders included by the Agency in the development or initial review of the draft regulation.
If applicable, please include the date and medium by which the stakeholders were initially contacted.

The Board maintains a stakeholder distribution list including building department personnel, contractors, designers and professional associations. The stakeholder list is available upon request. On May 23, 2019, the Board sent an email to all agency stakeholders informing them of a scheduled stakeholder meeting on June 17, 2019 to hear comments and respond to questions on these rules. The notice summarized the proposed amendments and also informed stakeholders that if they could

not attend the stakeholder meeting, they could submit questions or comments via email or regular mail by June 17, 2019. On June 17, 2019 the Board conducted a stakeholder meeting on the proposed rules between 10:00 AM and 11:30 AM and the following individuals attended: Amit Ghosh, City of Columbus; Bill Prenosil, OFCC; Gary Eodice, Heapy Engineering; Nathan Alwood, ACCCO; and David Mann, American Technology Council

10. What input was provided by the stakeholders, and how did that input affect the draft regulation being proposed by the Agency?

A copy of the correspondence the Board received in response to May 23, 2019 email and a summary of the June 17, 2019 stakeholder meeting are attached as Exhibit B.

Staff noted that typos would be corrected in OPC Section 403.1.1. The draft rule incorporates the corrections.

Clarification was noted by Staff that OPC Section 701.8 was a reference to the building code. The draft rule was modified to add the clarifying phrase "of the building code".

Mr. Ghosh requested to also incorporate the "less effective" language from OBC Section 3401.2 in the maintenance section in Chapter 1 of the building code.

Mr. Eodice stated agreement with language in OPC Section 701.8 regarding reuse of existing drainage piping and that scoping all the time should not be required but the design professional should be relied to specify when needed. No change needed to the draft rule.

Both Mr. Ghosh and Mr. Eodice requested clarification of the new language in OPC 915.2 and whether it was intended to be an exception to the 8 feet limitation for vertical distance of combination waste and vent pipe. Mr. Eodice stated in some larger factory/manufacturing installations. Staff responded that the language was the result of an approved petition and that we would research the review the petition to determine if that was the intent. After research, the petitioner confirmed that the 8 ft limitation is still applicable, as written, and no change is needed to the draft rule.

At its meeting on June 21, 2019, the Board reviewed with comments submitted at the stakeholder meeting and determined to not make any changes as a result of the comment and to move forward with initiating the eNotification process and file the rules with CSI Office.

Additionally, Jim Richardson submitted several petitions four of which were approved as modified by the Board. Petition 18-04 requested changes related to trap requirements in in OPC § 1002 to align the requirement with model code. At its meeting on July 12, 2018, the Board Code Committee recommended approval of Petition 18-04 as modified by the Committee. Petition 18-05 requested

changes related to installation requirements in OPC § 915.2. At its meeting on July 12, 2018, the Board Code Committee recommended approval of Petition 18-05 as modified by the Committee. Petition 18-06 requested changes related to food utensils, dishes, pots and pans sink requirements in OPC § 802.1.8. At its meeting on July 12, 2018, the Board Code Committee recommended approval of Petition 18-06 as modified by the Committee. Petition 18-12 requested changes related to trap seal requirements in OPC § 1002.4. At its meeting on July 12, 2018, the Board Code Committee recommended approval of Petition 18-06 as modified by the Committee. Petitions 18-04, 18-05, 18-06 and 18-12 are attached as Exhibit C .

11. What scientific data was used to develop the rule or the measurable outcomes of the rule? How does this data support the regulation being proposed?

Continuing law is based on the 2015 International Plumbing Code (IPC) promulgated and amended by the International Code Council (ICC). The model codes developed by ICC are updated every three years through a process that incorporates petitioning, public hearings and voting by ICC members. The ICC Committees that oversaw the development of the different provisions in the 2015 IPC included building and fire code officials, architects, engineers, contractors, and representatives from the National Association of Home Builders, the National Fire Protection Association, Underwriters Laboratories, and other professional organizations.

When a petition to amend the model code is submitted, the proponent of the change must submit the proposed language of the amendment, the reason for the amendment including scientific data when applicable, and the cost impact of the amendment. All submitted petitions are then published prior to initial code development hearings on the petitions. Interested persons may review the proposed changes and attend the code development hearing and provide comments. A report then is published on the public hearings for review and then final action is taken on the proposed changes at final action hearings. All successful changes are incorporated into the next edition of the model code.

Upon publication the Board's code committee reviews each substantive change included in the newest edition of the code and determines whether to recommend the change to the Board for adoption. The Board last fully updated the Ohio Plumbing Code on November 1, 2017.

12. What alternative regulations (or specific provisions within the regulation) did the Agency consider, and why did it determine that these alternatives were not appropriate? If none, why didn't the Agency consider regulatory alternatives?

See response to Question 11.

13. Did the Agency specifically consider a performance-based regulation? Please explain. ***Performance-based regulations define the required outcome, but don't dictate the process the regulated stakeholders must use to achieve compliance.***

Continuing law permits a registered design professional's alternative engineered design to be a compliance alternative method to the prescriptive requirements of the code. Section 106.5 of the OBC permits a registered design professional to submit sufficient technical data to substantiate that performance of the proposed alternative engineered design meets the intent of the code. Additionally, Section 107.4.3 provides that when construction documents have been prepared by an Ohio registered design professional conforming to the requirements of the rules of the Board pertaining to design loads, stresses, strength, and stability and other requirements involving technical analysis, the documents need only be examined to the extent necessary to determine conformity with other requirements of the rules of the Board.

14. What measures did the Agency take to ensure that this regulation does not duplicate an existing Ohio regulation?

Editorial changes are routinely made to the rules to provide consistency with the Ohio Revised Code and other Board and agencies' rules. Additionally, RC § 3781.10 gives the Board sole authority to adopt rules which regulate the erection, construction, repair, alteration, and maintenance of all buildings or classes of buildings specified RC 3781.06 including residential and non-residential buildings.

15. Please describe the Agency's plan for implementation of the regulation, including any measures to ensure that the regulation is applied consistently and predictably for the regulated community.

For these rules to be enforced by a local government, its building department must be certified by the Board. The Board also certifies the personnel who work within these departments to ensure only qualified personnel are enforcing the Board's rules. Certified personnel must complete continuing education to maintain their certifications and continue to be authorized to enforce these rules. The Board has authority to suspend or revoke certifications for failure to properly enforce the rules. Also, the Board has a staff member dedicated to responding to complaints by persons affected by the Board rules. This program helps promote consistent and predictable application of the Board rules.

Adverse Impact to Business

16. Provide a summary of the estimated cost of compliance with the rule. Specifically, please do the following:

a. Identify the scope of the impacted business community; and

- Building owners
- Design Professionals
- Contractors
- Building Department Personnel

b. Identify the nature of all adverse impact (e.g., fees, fines, employer time for compliance,); and

- Obtaining updated rules as published as the Ohio Building Code
- Becoming familiar with the changes through research and training

c. Quantify the expected adverse impact from the regulation.
The adverse impact can be quantified in terms of dollars, hours to comply, or other factors; and may be estimated for the entire regulated population or for a "representative business." Please include the source for your information/estimated impact.

After adoption of amendments to the building codes, publishers issue replacement pages for code users to update code books. If a code user has purchased a code book from a publisher and wish keep it updated, the cost of replacement page packet is approximately $25. However, the Board provides free view access to electronic versions of Ohio's building codes which are regularly updated through a contract with International Code Council: https://codes.iccsafe.org/category/Ohio?year[]=Current+Adoption&page=1

Construction costs may increase slightly to comply with proposed language from Petition 18-05 requiring increase of one pipe diameter of combination and vet pipe serving floor drains that have a vertical section due to additional material that may be needed.

17. Why did the Agency determine that the regulatory intent justifies the adverse impact to the regulated business community?

The amendments included in this package incorporate ICC Errata for the 2015 IPC, select sections from the 2018 and 2021 IPC, unique Ohio text in response to petitions to change the code, and editorial fixes. The amendments are intended to correct mistakes, answer questions, and clarify existing code requirements. The clarifications help in the application and enforcement of the code. Consistent application and enforcement of the code can result in cost savings.

Regulatory Flexibility

18. Does the regulation provide any exemptions or alternative means of compliance for small businesses? Please explain.

The rules do not have special exemptions or alternative means of compliance specifically for small business. The OBC requires a building official to issue an adjudication order to an owner when the design or construction of a building does not comply with the OBC. The adjudication order must comply with Revised Code Chapter 119 and give the owner an opportunity to appeal. This mechanism is often utilized by an owner voluntarily to obtain a variance from the requirements. Variance requests are heard by either the Ohio Board of Building Appeals or a certified local board of building appeals.

Also, the OBC permits alternative engineered designs prepared by a registered design professional to not strictly comply with the prescriptive requirements of the rules. To obtain approvals based on alternative engineered designs, the design professional must submit sufficient technical information to demonstrate that the performance meets the intent of the rules.

19. How will the agency apply Ohio Revised Code section 119.14 (waiver of fines and penalties for paperwork violations and first-time offenders) into implementation of the regulation?

Revised Code § 3781.102 does not authorize the Board to set the fees and/or penalties assessed by local certified building departments in connection with the enforcement of these rules. Compliance with the rules is accomplished through construction conforming to the certificate of plan approval (permit). Therefore, there are no potential paperwork violations of these rules.

20. What resources are available to assist small businesses with compliance of the regulation?

The Board's technical staff spends approximately 25% of their time responding to questions on the building codes and educating design professionals, contractors, the public, and code officials of the intent of the Board's rules assisting all parties in compliance.

Ohio Department of Commerce
Mike DeWine, Governor
Jon Husted, Lt. Governor
Sheryl Maxfield, Director

November 2019 – E-Notification Phase
AMENDMENTS GROUP 99 - OHIO PLUMBING CODE PROPOSED CHANGES

Ohio Administrative Code Rule Number	Paragraph/Section	Source of Proposed Change	Reason for Proposed Change
4101:3-4-01	403.1.1, Exception 2	2021 IPC	Adds an exception to the requirement for distribution of plumbing fixtures by gender
	403.1.2	2021 IPC	Removes the word “facilities” and adds a sentence to allow single-user or separate facilities to be used in the calculation of required number of plumbing fixtures
	Table 403.1	2018 IPC Errata	Clarifies that ambulatory care facilities are business occupancies
	403.2, Exceptions 5 & 6	2021 IPC	Adds design flexibility by allowing mixed-gender facilities
	406.2	ICC Errata	Corrects a code reference
	410.3, Exception 2	ICC Errata	Adds new exception for high-low drinking fountains
4101:3-7-01	701.8	2018 IPC	Removes prohibition of drainage piping running above food prep areas, storage areas, or eating surfaces
	701.8	BBS	*Addresses reuse of existing sanitary drainage piping by referring to the existing building section of the building code
	711.1	ICC Errata	Corrects a code reference
4101:3-8-01	802.1.8	Petition 18-06	Allows food utensil, dishes, pots and pans sinks to directly connect to the drainage system. Clarifies that food handling sinks are required to be indirectly connected to the drainage system.
4101:3-9-01	Table 906.1	ICC Errata	Corrects the vent developed length table (for 1.5-inch diameter vent and 3-inch soil or waste stack)
	915.2	Petition 18-05	Requires upsizing of the waste and vent pipe serving the vertical section of a floor drain

			using the combination waste and vent system method of venting
4101:3-10-01	1002.1	BBS	Reorganizes the section to clarify intent of exceptions
	1002.1, Exception 1	Petition 18-04	Deletes floor drains, floor sinks, and hub drains from the exception for traps. Clarified original intent in Section 915.2
	1002.4.1.5	Petition 18-12	Allows the waste from certain indirectly connected fixtures to serve as the trap seal for emergency floor drains, trench drains, or floor sinks located in the same room
	1003.3.4	ICC Errata	Corrects standard numbers
4101:3-15-01	ICC	2018 IBC	Updates the IFGC standard from the 2015 edition to the 2018 edition
		BBS	*Updates the IFGC referenced standard ANSI LC1/CSA 6.26 from the 2013 edition to the 2018 edition to recognize Arc-Resistant CSST
	NFPA	BBS	Adopts the NFPA 70 TIA 17-8 which eliminates a conflict between NFPA 99 and NFPA 70 with regard to wiring protection for emergency systems in health care occupancies where persons are not capable of self-preservation

*Denotes a change from the Stakeholder phase

June 17, 2019 Stakeholder Meeting
OBC, OMC & OPC Rules – Selected Amendments from 2018 I-Codes

Attendees:

Amit Ghosh, City of Columbus
Bill Prenosil, OFCC
Gary Eodice, Heapy
Nathan Alwood, ACCCO
David Mann, American Technology Council

Staff Present:

Regina Hanshaw
Steve Regoli
Debbie Ohler
Jay Richards
Rob Johnson

Board Members Present

Dave Collins

Board Staff presented overview of proposed OBC, OMC and OPC Rules including selected amendments from 2018 I-Codes.

Comments Submitted:

Ohio Mechanical Code Rules

Typos were noted by Staff for correction in Section 701.8

Ohio Plumbing Code

Clarification was noted by Staff that Section 701.8 was reference to the building code.

Mr. Ghosh requested to also incorporate the "less effective" language from Section 3401.2 in the maintenance section in Chapter 1 of the building code.

Mr. Eodice stated agreement with language in Section 701.8 regarding reuse of existing drainage piping and that scoping all the time should not be required but the design professional should be relied to specify when needed.

Both Mr. Ghosh and Mr. Eodice requested clarification of the new language in 915.2 and whether it was intended to be an exception to the 8 feet limitation for vertical distance of combination waste and vent pipe. Mr. Eodice stated in some larger factory/manufacturing installations. Staff responded that the language was the result of an approved petition and that we would research the review the petition to determine if that was the intent.

Ohio Building Code

Mr. Ghosh questioned the need for posting structural loads in Section 108.9. He stated that once the postings are in place the building department no longer has jurisdiction. Staff responded that the information is provided for occupants to be aware of maximum loads for different areas of a building.

Mr. Ghosh requested whether the new provisions for security access turnstiles addressed the pressure to actuate. Staff responded that the new language does not but would be addressed in accessibility requirements.

Mr. Mann stated opposition for extension of R-3 exception for energy code compliance in Chapter 13 to include OHBA option. Mr. Mann also submitted written comments attached. Staff explained that the Board's Code Committee is still reviewing the newer editions of the energy codes and likely would move forward with adoption in the near future. The reason for including the expanded R-3 exception was to coincide with the new Residential Code of Ohio going into effect July 1 as close as possible. Staff also noted the Board conducted an analysis of R-3 module OHBA option minimum values and required equipment efficiencies as conditions, and it met the 2018 ERI method included in the new RCO. Mr. Mann stated if that was the case it would be the be hard to argue against, but they would also do an analysis of equivalency.

Exhibit C

CRITERIA FOR SUBMITTING RULE CHANGES TO THE BOARD OF BUILDING STANDARDS

The Ohio Board of Building Standards processes all petitions for changes to the rules of the Board of Building Standards (Building, Mechanical, Plumbing, Boiler, Elevator, or Residential Codes) pursuant to ORC Chapter 119.

When anyone desires to petition the Board of Building Standards to adopt, amend, or annul a provision of rules of the Board, they must complete an application and provide supporting information submitted to the Secretary of the Board of Building Standards.

The application must include the following:

(1) The date the application is prepared;
(2) The rule number or section that is proposed for amendment, adoption, or annulment;
(3) The rule numbers of all other rules that will be affected by the matter proposed;
(4) The name, address, contact information, affiliation of the applicant, and of any representative;
(5) The provisions that are proposed for adoption, amendment, or annulment;
(6) The reason and technical justification for the proposed change;
(7) All text to be eliminated shall be shown deleted by means of strikethrough, e.g., ~~matter to be eliminated~~;
(8) All proposed new text to be inserted into a rule shall be shown as underlined, e.g., <u>proposed new matter</u>; and
(9) One copy of the completed application and attachments.
(10) An estimate of the increase or decrease in cost that would occur with the adoption of the proposed code change.

When the Secretary of the Board of Building Standards receives a completed application for an adoption, amendment, or annulment of rules of the Board, the Secretary will promptly deliver or mail a copy of the application to each member of the Board.

After receiving an application for the adoption, amendment, or annulment of rules of the Board, the Board of Building Standards shall proceed under sections 3781.101 and 3781.12 of the Revised Code.

APPLICATION

FOR

RULE CHANGE

Pursuant to section 3781.12 of the Revised Code and rules adopted by the Board of Building Standards, application is herewith submitted to adopt, amend, or annul a rule adopted by the Board pursuant to section 3718.10 of the Revised Code.

BOARD OF BUILDING STANDARDS

6606 Tussing Road, P.O. Box 4009
Reynoldsburg, Ohio 43068-9009
(614) 644-2613
bbs@ohio.gov
www.com.state.oh.us/dico/bbs/default.aspx

For BBS use:	
Petition #:	18-04
Date Recv'd:	March 3, 2018

Submitter: James (Contact Name) Richardson City of Columbus (Organization/Company)

Address: 757 Carolyn Avenue
(Include Room Number, Suite, etc.)

Columbus (City) Ohio (State) 43224 (Zip)

Telephone Number: (614) 645 - 6340 **Fax Number:**

Date: 02/06/2018 **E-mail Address:** jarichardson@columbus.gov

Code Section: 1002 TRAP REQUIREMENTS

General Explanation of Proposed Change (attach additional sheets if necessary):

Bring the Ohio Plumbing Code more in line with the base model code it is based on. By doing so, the theology and intent of the code as it was written remains intact.

Explanation of Cost Impact of Proposed Code Change*:

There will be zero cost impact for this proposal.

***Attach additional cost information as necessary to justify any statement of cost increase or cost decrease.**

Information on Submittal (attach additional sheets if necessary):	
1. Sponsor:	City of Columbus Organization sponsoring or requesting the rule change (if any)
2. Rule Title:	1002.1 Fixture Traps (note 1) Title of rule change
3. Purpose/ Objective:	A previously submitted and adopted rule change resulted in a serious concern in the Ohio Plumbing Code. Petition # 15-04 resulted in an exception to the requirement of a trap being provided for floor drains, floor sinks and hub drains. The proposal referenced an issue with the 24 inch distance restriction in relation to a fixture outlet and the trap weir (water level) concerning the aforementioned fixtures. The "Exception" for note 1 as it was originally written states "This section shall not apply to fixtures with integral traps." Clearly, the intent was not to require a trap for a fixture that has a built in trap already. By placing floor drains, floor sinks and hub drains in the note 1 exception, it exempts these fixtures from a required trap. Should this exception be "tested" by a contractor, design professional or owner, it will leave an occupancy with a direct path for sewer gases to enter the structure unimpeded. Petition #15-04 though submitted with one intent most likely was not formatted in such a way that indicated those fixtures should be exempted from specific requirements in the rule. Additionally, had the petition been submitted to deal with the "issue" in the proper section, the petition would have addressed another State of Ohio change to the base model code section 915 Combination Waste and Vent Systems. A separate petition has been submitted to deal with section 915. Technical justification for the proposed rule change
4. Formatted Rule Language **(Using Strike-out for Deleted Text and Underline for Added Text)**	1002.1 Fixture traps. Each plumbing fixture shall be separately trapped by a liquid-seal trap, except as otherwise permitted by this code. The vertical distance from the fixture outlet to the trap weir shall not exceed 24 inches (610 mm), and the horizontal distance shall not exceed 30 inches (610 mm) measured from the center line of the fixture outlet to the center line of the inlet of the trap. The height of a clothes washer standpipe above a trap shall conform to Section 802.4. A fixture shall not be double trapped. Exceptions: 1. This section shall not apply to fixtures with integral traps. 2. A combination plumbing fixture is permitted to be installed on one trap, provided that one compartment is not more than 6 inches (152 mm) deeper than the other compartment and the waste outlets are not more than 30 inches (762 mm) apart. 3. A grease interceptor intended to serve as a fixture trap in accordance with the manufacturer's installation instructions shall be permitted to serve as the trap for a single fixture or a combination sink of not more than three compartments where the vertical distance from the fixture outlet to the inlet of the interceptor does not exceed 30 inches (762 mm) and the developed length of the waste pipe from the most upstream fixture outlet to the inlet of the interceptor does not exceed 60 inches (1524 mm). 4. Floor drains in multilevel parking structures that discharge to a building storm sewer shall not be required to be individually trapped. Where floor drains in multilevel parking structures are required to discharge to a combined building sewer system, the floor drains shall not be required to be individually trapped provided that they are connected to a main trap in accordance with Section 1103.1. Use strike-out for deleted text and underline for added text
5. Notes:	1. To encourage uniformity among states using model codes, it is recommended that the submitter first submit any code change directly to ICC and participate in the national model code development process. 2. Please provide a copy of application and documentation. 3. Use a separate form for each code change proposal.

(#4) Formatted Rule Language

1002.1 Fixture traps. Each plumbing fixture shall be separately trapped by a liquid-seal trap, except as otherwise permitted by this code. The vertical distance from the fixture outlet to the trap weir shall not exceed 24 inches (610 mm), and the horizontal distance shall not exceed 30 inches (610 mm) measured from the centerline of the fixture outlet to the centerline of the inlet of the trap. The height of a clothes washer standpipe above a trap shall conform to Section 802.4. A fixture shall not be double trapped.

Exceptions:

1. This section shall not apply to fixtures with integral traps~~, *floor drains, floor sinks, and hub drains*~~.
2. A combination plumbing fixture is permitted to be installed on one trap, provided that one compartment is not more than 6 inches (152 mm) deeper than the other compartment and the waste outlets are not more than 30 inches (762 mm) apart.
3. A grease interceptor intended to serve as a fixture trap in accordance with the manufacturer's installation instructions shall be permitted to serve as the trap for a single fixture or a combination sink of not more than three compartments where the vertical distance from the fixture outlet to the inlet of the interceptor does not exceed 30 inches (762 mm) and the developed length of the waste pipe from the most upstream fixture outlet to the inlet of the interceptor does not exceed 60 inches (1524 mm).
4. Floor drains in multilevel parking structures that discharge to a building storm sewer shall not be required to be individually trapped. Where floor drains in multilevel parking structures are required to discharge to a combined building sewer system, the floor drains shall not be required to be individually trapped provided that they are connected to a main trap in accordance with Section 1103.1.

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When anyone desires to petition the Board of Building Standards to adopt, amend, or annul a provision of rules of the Board, they must complete an application and provide supporting information submitted to the Secretary of the Board of Building Standards.

The application must include the following:

(1) The date the application is prepared;
(2) The rule number or section that is proposed for amendment, adoption, or annulment;
(3) The rule numbers of all other rules that will be affected by the matter proposed;
(4) The name, address, contact information, affiliation of the applicant, and of any representative;
(5) The provisions that are proposed for adoption, amendment, or annulment;
(6) The reason and technical justification for the proposed change;
(7) All text to be eliminated shall be shown deleted by means of strikethrough, e.g., ~~matter to be eliminated~~;
(8) All proposed new text to be inserted into a rule shall be shown as underlined, e.g., <u>proposed new matter</u>; and
(9) One copy of the completed application and attachments.
(10) An estimate of the increase or decrease in cost that would occur with the adoption of the proposed code change.

When the Secretary of the Board of Building Standards receives a completed application for an adoption, amendment, or annulment of rules of the Board, the Secretary will promptly deliver or mail a copy of the application to each member of the Board.

After receiving an application for the adoption, amendment, or annulment of rules of the Board, the Board of Building Standards shall proceed under sections 3781.101 and 3781.12 of the Revised Code.

APPLICATION

FOR

RULE CHANGE

Pursuant to section 3781.12 of the Revised Code and rules adopted by the Board of Building Standards, application is herewith submitted to adopt, amend, or annul a rule adopted by the Board pursuant to section 3718.10 of the Revised Code.

BOARD OF BUILDING STANDARDS

6606 Tussing Road, P.O. Box 4009
Reynoldsburg, Ohio 43068-9009
(614) 644-2613
bbs@ohio.gov
www.com.state.oh.us/dico/bbs/default.aspx

For BBS use:	
Petition #:	18-05
Date Recv'd:	March 23, 2018

Submitter: James (Contact Name) Richardson City of Columbus (Organization/Company)

Address: 757 Carolyn Avenue
(Include Room Number, Suite, etc.)

Columbus (City) Ohio (State) 43224 (Zip)

Telephone Number: (614) 645 - 6340 **Fax Number:**

Date: 02/06/2018 **E-mail Address:** jarichardson@columbus.gov

Code Section: 1002 TRAP REQUIREMENTS

General Explanation of Proposed Change (attach additional sheets if necessary):

Bring the Ohio Plumbing Code more in line with the base model code it is based on. By doing so, the theology and intent of the code as it was written remains intact.

Explanation of Cost Impact of Proposed Code Change*:

There will be zero cost impact for this proposal.

***Attach additional cost information as necessary to justify any statement of cost increase or cost decrease.**

Information on Submittal (attach additional sheets if necessary):	
1. Sponsor:	City of Columbus Organization sponsoring or requesting the rule change (if any)
2. Rule Title:	1002.1 Fixture Traps (note 1) Title of rule change
3. Purpose/ Objective:	A previously submitted and adopted rule change resulted in a serious concern in the Ohio Plumbing Code. Petition # 15-04 resulted in an exception to the requirement of a trap being provided for floor drains, floor sinks and hub drains. The proposal referenced an issue with the 24 inch distance restriction in relation to a fixture outlet and the trap weir (water level) concerning the aforementioned fixtures. The "Exception" for note 1 as it was originally written states "This section shall not apply to fixtures with integral traps." Clearly, the intent was not to require a trap for a fixture that has a built in trap already. By placing floor drains, floor sinks and hub drains in the note 1 exception, it exempts these fixtures from a required trap. Should this exception be "tested" by a contractor, design professional or owner, it will leave an occupancy with a direct path for sewer gases to enter the structure unimpeded. Petition #15-04 though submitted with one intent most likely was not formatted in such a way that indicated those fixtures should be exempted from specific requirements in the rule. Additionally, had the petition been submitted to deal with the "issue" in the proper section, the petition would have addressed another State of Ohio change to the base model code section 915 Combination Waste and Vent Systems. A separate petition has been submitted to deal with section 915. Technical justification for the proposed rule change
4. Formatted Rule Language **(Using Strike-out for Deleted Text and Underline for Added Text)**	1002.1 Fixture traps. Each plumbing fixture shall be separately trapped by a liquid-seal trap, except as otherwise permitted by this code. The vertical distance from the fixture outlet to the trap weir shall not exceed 24 inches (610 mm), and the horizontal distance shall not exceed 30 inches (610 mm) measured from the center line of the fixture outlet to the center line of the inlet of the trap. The height of a clothes washer standpipe above a trap shall conform to Section 802.4. A fixture shall not be double trapped. Exceptions: 1. This section shall not apply to fixtures with integral traps. 2. A combination plumbing fixture is permitted to be installed on one trap, provided that one compartment is not more than 6 inches (152 mm) deeper than the other compartment and the waste outlets are not more than 30 inches (762 mm) apart. 3. A grease interceptor intended to serve as a fixture trap in accordance with the manufacturer's installation instructions shall be permitted to serve as the trap for a single fixture or a combination sink of not more than three compartments where the vertical distance from the fixture outlet to the inlet of the interceptor does not exceed 30 inches (762 mm) and the developed length of the waste pipe from the most upstream fixture outlet to the inlet of the interceptor does not Use strike-out for deleted text and underline for added text
5. Notes:	1. To encourage uniformity among states using model codes, it is recommended that the submitter first submit any code change directly to ICC and participate in the national model code development process. 2. Please provide a copy of application and documentation. 3. Use a separate form for each code change proposal.

(#4) Formatted Rule Change

915.2 Installation. The only vertical pipe of a combination waste and vent system shall be the connection between the fixture drain ~~*of a sink, lavatory or drinking fountain,*~~ and the horizontal combination waste and vent pipe. The vertical distance shall not exceed 8 feet (2438 mm). If the combination waste and vent pipe is serving a floor drain that has a vertical section, the waste and vent pipe shall be increased one pipe diameter. Section 909.1 shall apply once the vertical portion of the combination waste and vent pipe ends.

CRITERIA FOR SUBMITTING RULE CHANGES TO THE BOARD OF BUILDING STANDARDS

The Ohio Board of Building Standards processes all petitions for changes to the rules of the Board of Building Standards (Building, Mechanical, Plumbing, Boiler, Elevator, or Residential Codes) pursuant to ORC Chapter 119.

When anyone desires to petition the Board of Building Standards to adopt, amend, or annul a provision of rules of the Board, they must complete an application and provide supporting information submitted to the Secretary of the Board of Building Standards.

The application must include the following:

(1) The date the application is prepared;
(2) The rule number or section that is proposed for amendment, adoption, or annulment;
(3) The rule numbers of all other rules that will be affected by the matter proposed;
(4) The name, address, contact information, affiliation of the applicant, and of any representative;
(5) The provisions that are proposed for adoption, amendment, or annulment;
(6) The reason and technical justification for the proposed change;
(7) All text to be eliminated shall be shown deleted by means of strikethrough, e.g., ~~matter to be eliminated~~;
(8) All proposed new text to be inserted into a rule shall be shown as underlined, e.g., <u>proposed new matter</u>; and
(9) One copy of the completed application and attachments.
(10) An estimate of the increase or decrease in cost that would occur with the adoption of the proposed code change.

When the Secretary of the Board of Building Standards receives a completed application for an adoption, amendment, or annulment of rules of the Board, the Secretary will promptly deliver or mail a copy of the application to each member of the Board.

After receiving an application for the adoption, amendment, or annulment of rules of the Board, the Board of Building Standards shall proceed under sections 3781.101 and 3781.12 of the Revised Code.

APPLICATION

FOR

RULE CHANGE

Pursuant to section 3781.12 of the Revised Code and rules adopted by the Board of Building Standards, application is herewith submitted to adopt, amend, or annul a rule adopted by the Board pursuant to section 3718.10 of the Revised Code.

BOARD OF BUILDING STANDARDS

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(614) 644-2613
bbs@ohio.gov
www.com.state.oh.us/dico/bbs/default.aspx

For BBS use:

Petition #: 18-06

Date Recv'd: March 23, 2018

Submitter: James (Contact Name) Richardson City of Columbus (Organization/Company)

Address: 757 Carolyn Avenue
(Include Room Number, Suite, etc.)

Columbus (City) Ohio (State) 43224 (Zip)

Telephone Number: (614) 645 - 6340 **Fax Number:**

Date: 02/06/2018 **E-mail Address:** jarichardson@columbus.gov

Code Section: 1002 TRAP REQUIREMENTS

General Explanation of Proposed Change (attach additional sheets if necessary):

Bring the Ohio Plumbing Code more in line with the base model code it is based on. By doing so, the theology and intent of the code as it was written remains intact.

Explanation of Cost Impact of Proposed Code Change*:

There will be zero cost impact for this proposal.

***Attach additional cost information as necessary to justify any statement of cost increase or cost decrease.**

Information on Submittal (attach additional sheets if necessary):	
1. Sponsor:	City of Columbus Organization sponsoring or requesting the rule change (if any)
2. Rule Title:	1002.1 Fixture Traps (note 1) Title of rule change
3. Purpose/ Objective:	A previously submitted and adopted rule change resulted in a serious concern in the Ohio Plumbing Code. Petition # 15-04 resulted in an exception to the requirement of a trap being provided for floor drains, floor sinks and hub drains. The proposal referenced an issue with the 24 inch distance restriction in relation to a fixture outlet and the trap weir (water level) concerning the aforementioned fixtures. The "Exception" for note 1 as it was originally written states "This section shall not apply to fixtures with integral traps." Clearly, the intent was not to require a trap for a fixture that has a built in trap already. By placing floor drains, floor sinks and hub drains in the note 1 exception, it exempts these fixtures from a required trap. Should this exception be "tested" by a contractor, design professional or owner, it will leave an occupancy with a direct path for sewer gases to enter the structure unimpeded. Petition #15-04 though submitted with one intent most likely was not formatted in such a way that indicated those fixtures should be exempted from specific requirements in the rule. Additionally, had the petition been submitted to deal with the "issue" in the proper section, the petition would have addressed another State of Ohio change to the base model code section 915 Combination Waste and Vent Systems. A separate petition has been submitted to deal with section 915. Technical justification for the proposed rule change
4. Formatted Rule Language **(Using Strike-out for Deleted Text and Underline for Added Text)**	1002.1 Fixture traps. Each plumbing fixture shall be separately trapped by a liquid-seal trap, except as otherwise permitted by this code. The vertical distance from the fixture outlet to the trap weir shall not exceed 24 inches (610 mm), and the horizontal distance shall not exceed 30 inches (610 mm) measured from the center line of the fixture outlet to the center line of the inlet of the trap. The height of a clothes washer standpipe above a trap shall conform to Section 802.4. A fixture shall not be double trapped. Exceptions: 1. This section shall not apply to fixtures with integral traps. 2. A combination plumbing fixture is permitted to be installed on one trap, provided that one compartment is not more than 6 inches (152 mm) deeper than the other compartment and the waste outlets are not more than 30 inches (762 mm) apart. 3. A grease interceptor intended to serve as a fixture trap in accordance with the manufacturer's installation instructions shall be permitted to serve as the trap for a single fixture or a combination sink of not more than three compartments where the vertical distance from the fixture outlet to the inlet of the interceptor does not exceed 30 inches (762 mm) and the developed length of the waste pipe from the most upstream fixture outlet to the inlet of the interceptor does not exceed 60 inches (1524 mm). 4. Floor drains in multilevel parking structures that discharge to a building storm sewer shall not be required to be individually trapped. Where floor drains in multilevel parking structures are required to discharge to a combined building sewer system, the floor drains shall not be required to be individually trapped provided that they are connected to a main trap in accordance with Section 1103.1. Use strike-out for deleted text and underline for added text
5. Notes:	1. To encourage uniformity among states using model codes, it is recommended that the submitter first submit any code change directly to ICC and participate in the national model code development process. 2. Please provide a copy of application and documentation. 3. Use a separate form for each code change proposal.

(#4) Formatted Rule Language

802.1.8 Food utensils, dishes, pots and pans sinks. Sinks, in other than dwelling units, used for the washing, rinsing or sanitizing of utensils, dishes, pots, pans or service ware used in the preparation, serving or eating of food shall ~~discharge indirectly through an air gap or an air break to the drainage system~~ have a direct connection to the drainage system. The fixture branch serving the food utensils, dishes, pots and pans sink shall have an emergency floor drain connected to the fixture branch downstream of the connection to the food utensil, dishes, pots and pans sink. No food utensils, dishes, pots and pans sink shall ever serve as a food prep sink.

CRITERIA FOR SUBMITTING RULE CHANGES TO THE BOARD OF BUILDING STANDARDS

The Ohio Board of Building Standards processes all petitions for changes to the rules of the Board of Building Standards (Building, Mechanical, Plumbing, Boiler, Elevator, or Residential Codes) pursuant to ORC Chapter 119.

When anyone desires to petition the Board of Building Standards to adopt, amend, or annul a provision of rules of the Board, they must complete an application and provide supporting information submitted to the Secretary of the Board of Building Standards.

The application must include the following:

(1) The date the application is prepared;
(2) The rule number or section that is proposed for amendment, adoption, or annulment;
(3) The rule numbers of all other rules that will be affected by the matter proposed;
(4) The name, address, contact information, affiliation of the applicant, and of any representative;
(5) The provisions that are proposed for adoption, amendment, or annulment;
(6) The reason and technical justification for the proposed change;
(7) All text to be eliminated shall be shown deleted by means of strikethrough, e.g., ~~matter to be eliminated~~;
(8) All proposed new text to be inserted into a rule shall be shown as underlined, e.g., <u>proposed new matter</u>; and
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After receiving an application for the adoption, amendment, or annulment of rules of the Board, the Board of Building Standards shall proceed under sections 3781.101 and 3781.12 of the Revised Code.

APPLICATION

FOR

RULE CHANGE

Pursuant to section 3781.12 of the Revised Code and rules adopted by the Board of Building Standards, application is herewith submitted to adopt, amend, or annul a rule adopted by the Board pursuant to section 3718.10 of the Revised Code.

BOARD OF BUILDING STANDARDS

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Reynoldsburg, Ohio 43068-9009
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www.com.state.oh.us/dico/bbs/default.aspx

For BBS use:	
Petition #:	18-12
Date Recv'd:	May 22, 2018

Submitter: James (Contact Name) Richardson City of Columbus (Organization/Company)

Address: 757 Carolyn Avenue
(Include Room Number, Suite, etc.)

Columbus (City) Ohio (State) 43224 (Zip)

Telephone Number: (614) 645 - 6340 **Fax Number:**

Date: 02/06/2018 **E-mail Address:** jarichardson@columbus.gov

Code Section: 1002 TRAP REQUIREMENTS

General Explanation of Proposed Change (attach additional sheets if necessary):

Bring the Ohio Plumbing Code more in line with the base model code it is based on. By doing so, the theology and intent of the code as it was written remains intact.

Explanation of Cost Impact of Proposed Code Change*:

There will be zero cost impact for this proposal.

***Attach additional cost information as necessary to justify any statement of cost increase or cost decrease.**

Information on Submittal (attach additional sheets if necessary):	
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2. Rule Title:	1002.1 Fixture Traps (note 1) Title of rule change
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5. Notes:	1. To encourage uniformity among states using model codes, it is recommended that the submitter first submit any code change directly to ICC and participate in the national model code development process. 2. Please provide a copy of application and documentation. 3. Use a separate form for each code change proposal.

1002.4.1.5 Waste Water Trap Primer. It shall be permissible to indirectly connect the waste from a drinking fountain, lavatory, or hand sink by means of an air break to an emergency floor drain, trench drain, or floor sink located in the same room as the lavatory or hand sink, or an adjacent room for a drinking fountain as a method of providing trap seal protection. The connection shall be between the trap seal and the flood level rim of the floor drain, trench drain, or floor sink.